

## Program Summary

This report is a revised version of the Baseline Assessment Plan (BAP) for the Pacific Gas and Electric Company. A separate plan for Standard Pacific Gas Line Inc. has also been prepared. Like previous reports, this revision has been prepared in accordance with the requirements of 49CFR192 subpart O and PG&E's Gas Integrity Management and Technical Support RMP-06 Procedure Revision 5. At the request of the California State Lands Commission, this report also includes segments of line 57C and 108 that are not within HCA's. This revision to the BAP contains the updated results of the 2010 HCA analysis and the Risk and Threats evaluation of all HCA pipeline segments in PG&E pipeline system. In addition, the Assessment Plan Change Log sheet is included to identify new or removed HCA segments in 2010. Assessment plan changes were also updated and the changes to individual segments have been documented in the audit change log (kept separate from this document). The last assessment field was also updated, to reflect what has been accomplished to date. In preparing this plan, Method 2 from 49CFR192 was used to identify the high consequence areas and the detailed descriptions of Method 2 can be found in RMP-06, RMP-08 and the individual county by county reviews. HCA reviews were performed by looking at changes in the audit change table on an ongoing basis and by reviewing parcel data for each pipeline, it's calculated potential impact radius, and an appropriate buffer to account for photography and mapping tolerances. This process is also described in RMP-06 and RMP-08, as well as the county by county reports that were prepared in 2010 and the audit change log.

Piping outside of stations is documented in PG&E's GIS system. Maps detailing the piping to be assessed inside stations are stored in PG&E's Gas Engineering offices in Walnut Creek and are incorporated by reference into this plan.

In general, piping material within PG&E stations is of equal or superior quality to the line pipe approaching the station. It was nevertheless assumed that if the piping approaching a station to be assessed was considered to be at high risk (for purposes of ranking the priority of our pipelines for assessment), the piping for that station would also be considered at high risk, and those stations would be assessed first. The pipe segments inside each station are assumed to be subject to the same threats as those HCA segments approaching that station with the exception that all station piping operating under 60% SMYS is considered not to be subject to the threat of Stress Corrosion Cracking. All piping requiring assessment for this threat has been evaluated for that threat.

There are some cases where HCA piping within a station will be assessed using the In Line Inspection (ILI) method due to the placement of a launcher or receiver used for assessing pipe outside the station. All other piping requiring assessment will be assessed using the DA method. The assessment dates shown reflect the year of the required DA work. For the assessment year of any pipe to be ILI'd, please see pages 8-81 of this report. Segments with an assessment plan prefix of S are part of station piping and will be included in the DA assessment of the station to which they belong.

Future assessment dates have been added to this year's BAP to show the last date by which the segment should be assessed. Segments first included in the 2004 BAP that are planned for first time assessments in 2012 are given a due date of 12/17/2012. In general, other first time assessments have a planned due date of 12/31 of the year of their scheduled assessment. For the most part, mid year due dates represent reassessment anniversaries that can not be slipped. In all cases, pipes may be assessed prior to the due date.

All required Stress Corrosion Cracking (SCC) assessments will be performed using the direct assessment (DA) process. Internal Corrosion (IC) assessments due on lines that are not scheduled for inspection using in line inspection (ILI) will be inspected using ICDA.

There are a number of pipe segments with an identified stable manufacturing seam threat that are currently being investigated to determine if that threat has been made unstable. If that is found to be the case, these segments will be scheduled for assessment in accordance with RMP-06.

2004 PG&E BAP Goal*	04 BAP Miles Removed from Program**	New Total	PC&E 04 BAP Program miles complete to Date	PG&E %04 BAP Program complete to Date	2010 Goal	2010 Actuals	Jan	Feb	March	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Year to Date 'Original Miles' Planned	
975	64	911	769	84%	WEI Goal Miles Planned in 2010	215.88	193.25	5.54	0.52	7.67	53.23	7.06	39.33	21.43	18.00	40.90	22.19	0.00	0.00	215.87
2009 PG&E BAP TOTAL*	2009 BAP Stations	2009 BAP Pipeline			DA Mileage Actuals (04-08 BAP)***	179.08	174.45	23.96	1.96	0.00	28.29	2.36	2.33	3.69	12.75	13.49	0.00	9.65	71.41	169.89
1021	31	990			ILI Mileage Actuals (04-09 BAP)	36.8	18.80	0.00	0.00	0.00	6.92	0.00	0.00	11.88	0.00	0.00	0.00	0.00	0.00	18.80
					DA First Assessment Mileage (04-09 BAP)			4.80	1.96	0.00	22.38	2.28	0.00	3.45	0.26	2.14	0.00	6.21	62.00	105.48
					ILI First Assessment Mileage (04-09 BAP)			0.00	0.00	0.00	6.92	0.00	0.00	7.29	0.00	0.00	0.00	0.00	0.00	14.21
					<b>TOTAL First Assessment Mileage (04-09 BAP)</b>			<b>4.80</b>	<b>1.96</b>	<b>0.00</b>	<b>29.30</b>	<b>2.28</b>	<b>0.00</b>	<b>10.74</b>	<b>0.26</b>	<b>2.14</b>	<b>0.00</b>	<b>6.21</b>	<b>62.00</b>	<b>119.69</b>
					DA First Assessment Mileage (04 BAP)			4.80	0.73	0.00	19.82	0.88	0.00	2.35	0.00	0.00	0.00	5.59	53.99	88.14
					ILI First Assessment Mileage (04 BAP)			0.00	0.00	0.00	5.95	0.00	0.00	7.29	0.00	0.00	0.00	0.00	0.00	13.24
					<b>TOTAL First Assessment Mileage (04 BAP)</b>			<b>4.80</b>	<b>0.73</b>	<b>0.00</b>	<b>25.77</b>	<b>0.88</b>	<b>0.00</b>	<b>9.64</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>5.59</b>	<b>53.99</b>	<b>101.38</b>
					<b>Casings, Stations (DA)</b>			<b>19.16</b>	<b>0.00</b>	<b>0.00</b>	<b>0.27</b>	<b>0.00</b>	<b>2.33</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>21.76</b>
					C = Casing, St = Stations															
					Total Reassessment Program Mileage (DA)			0.00	0.00	0.00	5.64	0.08	0.00	0.24	12.49	11.35	0.00	3.44	8.41	42.95
					Total Reassessment Program Mileage (ILI)			0.00	0.00	0.00	0.00	0.00	0.00	4.59	0.00	0.00	0.00	0.00	0.00	4.59

\*Includes 31 miles of Stations \*\*Based on difference between BAP miles and GIS miles, not removed field in GIS.

\*\*\*2010 DA WEI Goal figure includes Stan Pac mileage in addition to Stations and Casings.

50% 12/17/07 goal for PG&E met in August 2007

StanPac Program to Date	04 BAP Program complete to Date	BAP Program miles complete to	Remaining StanPac Assessments to meet 50% goal (miles)	2004-2009 StanPac BAP Goal	Miles Planned in 2010	Miles Completed in 2010	2004 StanPac BAP Goal	Miles Removed from Program	New Total	1/2 new total	2010 Actuals Program Mileage	Jan	Feb	March	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
99%	27.83		0	27.71	4.6	4.68	28.00	0.5	27.5	13.75		0	0	0	0	0	0	0	0	4.56	0	0	0
											DA Mileage	0	0	0	0	0	0	0	0	4.56	0	0	0
											ILI Mileage	0	0	0	0	0	0	0	0	0	0	0	0

Actual 2007 Program Mileage is just based on 04 BAP. The DA and ILI mileage below the total shows all HCA mileage assessed (HCA mileage added after 04 BAP)

50% 12/17/07 goal for StanPac met with completion of ILI on SP3

PG&E Planned vs. Actual Mileage Assessments 2001-2009																								
Total 01-09	IL101	DA02	IL102	DA03	IL103	PO3	DA04	PO4	IL104	PO5	DA05	IL105	DA06	IL106	DA07	IL107	DA08	IL108	DA09	IL109	Total DA	Total P	Total ILI	
04 BAP Actuals	645.39	4.61	0.00	23.23	9.54	0.00	0.00	15.50	4.20	14.45	6.50	27.43	14.11	104.41	20.88	226.90	38.18	44.33	15.37	73.32	8.64	500.4	10.7	134.3
1st Assess																								
Reassess																								
Casing/Sta																								
04 BAP + Reassess:	743.72																							
04-08 BAP Actuals	666.60	5.58	0.00	24.58	9.54	0.00	0.75	15.76	6.03	15.21	7.25	28.27	14.59	105.05	22.081	226.09	38.74	44.38	15.90	79.30	7.42	510.4	14.1	142.1
1st Assess																								
Reassess																								
Casing/Sta																								
04-08 BAP + Reassess:	764.93																							
Planned BAP by year	846.35	5.58	17.18	24.84	11.51	0.05	0.73	62.85	1.83	15.23	0.75	114.20	14.59	113.98	39.37	104.15	39.89	48.00	18.00	203.00	20.00	859.9	3.4	177.1

StanPac Planned vs Actual Mileage Assessments 2001-2009																		
StanPac actual based on 04 BAP	2001-2009	IL101	DA02	IL102	DA03	IL103	DA04	IL104	DA05	IL105	DA06	IL106	DA07	IL107	DA08	IL108	DA09	IL109
actual based on 04 BAP	23.27	0	0	0	0	0	0	0	8.13	0	0	0	0	15.14	0	0	0	0
actual based on 04-08 BAP	27.88	0	0	0	0	0	0	0	8.13	0	0	0	0	19.75	0	0	0	0
2007 BAP Plan	23.6	0	0	0	0	0	0	0	8.5	0	0	0	0	15.1	0	0	0	0

Route	New HCA Segments	Added Footage	Removed HCA Segments	Removed Footage	Date Entered	Change Detail	Reason for Change	Implication Analysis
BD316	601,604	56.00			11/17/2010	Blowdowns added to IMP in 2010	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
GCUST5855			457	270.00	6/15/2010	PIR + Tolerance of Pipeline was verified to be less than 20.	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
BD434	124.5	5.00			7/12/2010	Proximity to school	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
197A			117.6, 122.2, 122.5, 123, 124.3,	2592.00	7/12/2010	Removed: Segment 117.6 Care Facility now inactive. Also for the other segments, better definition of parcel landuse allows reduction in HCA length	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
Stub8198, Stub8199			100,100	13.00	7/12/2010	Removed: Better definition of parcel landuse allows reduction in HCA length	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
3009-01			113, 114	1526.00	2/27/2010	Removed: Now Foreign pipe. Pipe owned by MIRANT	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
0126-01	101				11/23/2010	New Parcel use in 6/5/09 Imagery	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
057A	108.2	267.52			11/23/2010	New Parcel development in 8/29/06 imagery	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
057B	116.2	346.29			11/23/2010	New Parcel development in 8/29/06 imagery	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
114	125.13,128,128.4				11/23/2010	New Bldg in 2008 Imagery	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
191-1			100,100.1,100.2, 100.3,105.3,106	1078.00	11/23/2010	Removed: No longer an HCA	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
191-1	101.05,103.01,	188.35			11/23/2010	New Care Facility	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
191-1	131.21	137.01			11/23/2010	Apartment complex	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
3008-01	201	200.00			11/23/2010	MOP increase	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
3017-01			115.2,115.4	176.00	11/23/2010	Removed: No longer an HCA	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
3019-07	98	32.00			11/23/2010	New ID site	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
316F	105.5	682.00			11/23/2010	New Church	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
316N			100.3		11/23/2010	Reduction in MOP reduces PIR substantially	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
BD10206, 10207	100,100	1231.00			11/23/2010	Blowdowns added to IMP in 2010	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
9448, 9449, 9508, 9512, 9513,	31,32,601,602,601,602,604,601	417.00			11/23/2010	Blowdowns added to IMP in 2010	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
DF3283			100.3,101.3	32.00	11/23/2010	Segment location now more accurate (GPSed) which allows elimination of HCA.	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
DF3527	701,702	8.00			11/23/2010	New Transmission Segment	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
DF3524	100	21.00			11/23/2010	Church to the south of pipeline is within the PIR of this segment	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
DF7710	100.3	28.00			11/23/2010	New Transmission Segment (MOP was increased from 170 to 405 on 6/15/10)	Part of Annual HCA Review	None: Segments will be added/ removed from time to time

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Route	New HCA Segments	Added Footage	Removed HCA Segments	Removed Footage	Date Entered	Change Detail	Reason for Change	Implication Analysis
DREG5640	801	10.00			11/23/2010	New care facility	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
DREG5642	100	7.00			11/23/2010	Church to the south of pipeline is within the PIR of this segment	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
DREG5644	800, 801	9.00			11/23/2010	New Transmission Segment	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
DREG5645			103.5		11/23/2010	GPSed pipeline shows a portion of this DREG is non-HCA	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
STUB6089	100	2.00			11/23/2010	New Bldg in 2008 Imagery	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
1522-01	101.5	46.00			7/28/2010	MOP review extend HCA length on line, however this portion was also CIS in March 2010	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
300B	350	2959.00			11/3/2010	New plant is operational	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
138	138.1	1383.00			11/3/2010	New apartment complex	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
1209-01	102.45, 102.6, 103.2, 105, 106, 106.3, 107	1813.00			11/3/2010	Increase in PIR or new ID sites due to an increase in MOP to 650psig	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
1209-06	605, 607,	3202.00			11/3/2010	Increase in PIR or new ID sites due to an increase in MOP to 650psig	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
1220-01	208, 209, 212, 215, 218, 220	3181.00			11/3/2010	Increase in PIR or new ID sites due to an increase in MOP to 650psig	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
126B	106.7, 107.6	2237.69			7/23/2010	New Pipe installed 10/11/2008	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
DREG4583	106.8, 106.81	148.00			7/23/2010	New Pipe installed 10/11/2008	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
DREG5052	100	110.00			7/23/2010	New Building	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
BD354	100, 101	8.00			7/23/2010	Blowdowns added to IMP	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
142S	117.1	963.00			9/14/2010	New Apartment Complex Constructed in 2009	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
BD301, 464, 549, 8746, 10294, 8772	102,221.1,260.2,261.1, 101,100	708.00			9/14/2010	Blowdowns added to IMP in 2010	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
118B	129.7	770.00			10/11/2010	New industrial facility from 2009 images	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
BD27,31, 8547	100,100	91.00			7/20/2010	Blowdowns added to IMP in 2010	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
021E	198.2	726.00			7/30/2010	Buddhist Monestary >20 people starting in 2007. Found using google earth pro	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
7205-01	303.8	556.00			11/12/2010	Improved Aerial Photography, Apartment Building contains 8 units	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
7205-01	303.43	454.00			11/12/2010	New care facility	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
118A	235, 235.6, 236, 234.4	1214.00			11/12/2010	Parcel now coded as Resort with gathering area (Gazebo) and open field within PIR+40'	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
331B-2	111	1408.00			11/12/2010	New Pipe Installed in 2008	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
"002	139.2	2085.00			11/12/2010	Improved Aerial Photography – Large pumphouse with over 20 vehicles observed	Part of Annual HCA Review	None: Segments will be added/ removed from time to time

Note:  
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2. Other changes are listed in the Audit Change Log.



Route	New HCA Segments	Added Footage	Removed HCA Segments	Removed Footage	Date Entered	Change Detail	Reason for Change	Implication Analysis
401	718.5, 719, 719.3, 720	3316.00			11/12/2010	Improved Aerial Photography – Large pumphouse with over 20 vehicles observed	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
186	118.1	440.00			11/12/2010	New care facility	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
1815-02	125,180.3,216.2	1788.00			8/26/2010	ID Site (fire station); restaurant; shopping mall	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
187	127.4	486.00			8/26/2010	Better photography location is actually a motel or labor camp (Trans_def TP)	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
0405-01	119.1	1186.00			7/12/2010	Restaurant under new ownership and remodeled for increased capacity of >20 people	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
0405-01	117.25	722.00			7/12/2010	Alignment of line adds HCA.	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
0405-16	100.3	6			11/30/2010	Alignment of line adds HCA.	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
202	113.25, 113.3	498.58			7/19/2010	Business has more activity >20	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
202	113.3,113.25	499.00			7/19/2010	Business has more activity >20 as shown in the 2009 photography from NAIP and Google Streetview 2007	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
1518-01	123.7	119.49			7/29/2010	New care facility	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
173-1	101.05	175.96			7/29/2010	Extend HCA due to ID site PIR+40'	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
173	101.02	54.72			7/29/2010	Extend HCA due to ID site PIR+40'	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
173	105.2	473.31			7/29/2010	New care facility	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
173-8	101.85	743.37			7/29/2010	New care facility	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
1518-01	123.7				7/29/2010	New care facility	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
173-1	101.05				7/29/2010	Extend HCA due to ID site PIR+40'	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
173	101.02, 105.2				7/29/2010	New care facility. Extend HCA due to ID site PIR+40	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
173-8	101.85				7/29/2010	New care facility	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
108	179.01	1885.00			10/11/2010	New care facility	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
0607-01	105.5	36.00			10/11/2010	Extend HCA length due to school boundary- Assessed in 2009	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
DCUST10030	103	379.00			10/11/2010	Extend HCA length beyond commuter parking lot	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
123	101.9	585.00			10/11/2010	Extend HCA due to new photo shows the parking lot of more than 10 cars	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
0617-06	162.6	711.00			10/11/2010	New care facility	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
0611-29	201	42.00			10/11/2010	MOP/Transdef change	Part of Annual HCA Review	None: Segments will be added/ removed from time to time

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BD9958	100	5.00			10/11/2010	Blowdown	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
119B			111.1	750.00	10/11/2010	Removed: Line GPS's (I09 ) no ID site or 20str w/i PIR+15	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
DREG5419	108	611.00			9/29/2010	Updated aerial photography and streetview – building is a community clubhouse with multiple offices and parking	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
BD602	463, 464	112.00			9/29/2010	Blowdowns added to IMP in 2010	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
300A			350.54	272.00	9/29/2010	Removed: HCA segment shortened due to GPS buffer tolerance	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
BD465	602	440.00			9/13/2010	Blowdowns added to IMP in 2010	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
BD466	602	440.00			9/13/2010	Blowdowns added to IMP in 2010	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
300B			187.2	424.00	9/13/2010	No active care facility within PIR+100', also should have been removed in 2009	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
108	128.25	1485.64			11/16/2010	New Church	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
BD10632	100				11/16/2010	Blowdowns added to IMP in 2010	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
BD10633	100				11/16/2010	Blowdowns added to IMP in 2010	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
401	618.3, 619	1121.54			11/16/2010	New Community College	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
78,79,80,81,83, 281, 282, 305	601, 601, 601, 101, 601, 601,601,601	276.00			11/19/2010	Blowdowns added to IMP in 2010	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
132B	104	423.00			11/19/2010	New Church	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
101	180.15, 180.2	1158.00			11/19/2010	New Multi-story bldg	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
GCUST5792	401,401.5,402	263.00			11/19/2010	New ID site	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
DFDS3631	701,702	60.00			11/19/2010	New ID site	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
0804-01	102.2,102.3,102.4,103	1156.00			11/24/2010	Outdoor BMX Race Track with bleacher seating	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
0813-07	100	267.00			11/24/2010	New Commercial Bldg	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
0833-01	106.43	432.00			11/24/2010	Sonic Restaurant built in 2008 includes outdoor dining area, and drive in eating in vehicles	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
0833-01	102.1,102.2,102.4,102.6, 103,104	1061.00			11/24/2010	ID Site – Gavilian Hills Academy – parcel data coded as SFR	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
DFDS7095	100	11.00			11/24/2010	ID Site – Gavilian Hills Academy – parcel data coded as SFR	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
STUB7078	303	2.00			11/24/2010	ID Site – Gavilian Hills Academy – parcel data coded as SFR	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
0834-01	303	329.00			11/24/2010	ID Site – Gavilian Hills Academy – parcel data coded as SFR	Part of Annual HCA Review	None: Segments will be added/ removed from time to time

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Route	New HCA Segments	Added Footage	Removed HCA Segments	Removed Footage	Date Entered	Change Detail	Reason for Change	Implication Analysis
101	108.5,109.4	1703.00			11/24/2010	Outdoor BMX Race Track with bleacher seating	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
101	110.3,111.6	1117.00			11/24/2010	New 4+ story commercial bldg	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
109	109.3,110	1205.00			11/24/2010	Outdoor BMX Race Track with bleacher seating	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
BD266,267,268,272,547,616,67,73,74	604,602,301,132,111,422.5,101,100,501,601,	219.00			11/24/2010	Blowdowns added to IMP in 2010	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
1023-01	602	505.00			11/10/2010	MOP change and restaurant, bank built in 2007	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
177A	603	869.00			11/10/2010	Improved aerial ID site	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
DREG5468	301	1600.00			11/10/2010	New pipeline, and MOP change from 500 to 600 psi,	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
BD686	301	100.00			11/10/2010	Blowdowns added to IMP in 2010	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
DREG5492	202	50.00			11/10/2010	Improved aerial ID site	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
DFDS6819	203	20.00			11/10/2010	Improved aerial ID site	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
1023-03	132	2.00			11/10/2010	Extended PIR from ID site	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
DREG5261	133	154.00			11/16/2010	New Care Facility	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
021H	111	655.00			11/16/2010	New Care Facility	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
0604-04	422.5	644.00			11/16/2010	structure count procedure segment assessed in 2007	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
DFDS3662	101	8.00			11/16/2010	New Care Facility	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
DREG9001	111.5,112,113	398.00			11/16/2010	New Care Facility	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
0404-11	101,102	192			11/16/2010	Extended PIR from ID site	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
021C	102.05, 103.1	568.48			9/27/2010	HCA ID Site does not have enough buffer	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
021C	129.1	55.75			9/27/2010	More accurate imagery allows more precise extent of HCA	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
021C			110.0, 110.3, 111	1119.25	9/27/2010	Actual count of SFR's within Mobile Home Park shows less than 20 dwellings w/i PIR +	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
021E	109.6, 110	769.79			9/27/2010	More completely developed neighborhood park. (Not w/i PIR, but w/i PIR + 40)	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
021E	114.2	18.68			9/27/2010	GIS does not reflect change in diameter per Station Drawing	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
021E	115.5, 117.1	233.07			9/27/2010	Pipe Realignment	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
021E			120.4, 121, 122, 122.3,	3197.05	9/27/2010	Demolished former ID Site. More accurate imagery clearly shows structure not w/i PIR +	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
2.10E+00			102	106.00	9/27/2010	Review of Station Dwg 183822 shows this line is not an HCA	Part of Annual HCA Review	None: Segments will be added/ removed from time to time

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Route	New HCA Segments	Added Footage	Removed HCA Segments	Removed Footage	Date Entered	Change Detail	Reason for Change	Implication Analysis
021F	106.7	191.00			9/27/2010	Pipe Realignment	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
021F			102.1, 102.3, 103,	742.00	9/27/2010	ID Site on property, once w/i PIR + 40' is no longer there in 2009 Imagery	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
021G			101.1	957.00	9/27/2010	ID Site on property, once w/i PIR + 40' is no longer there in 2009 Imagery	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
1301-01			132.5	472.00	9/27/2010	Previous ID Site (Phone Bldg) verified by Site Review to be less than 20.	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
1302-01			102, 103	547.00	9/27/2010	More accurate location of pipeline removes ID Site from the PIR + Tolerance.	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
DF7714			224	12.00	9/27/2010	ID Site on property, once w/i PIR + 40' is no longer there in 2009 Imagery	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
1302-01	105	313.00			9/27/2010	School does not have appropriate buffer to school property.	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
BD25	701, 702, 703, 704	75.00			9/27/2010	Blowdowns added to IMP in 2010	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
148-1	100	8.00			1/20/2010	New restaurant on the corner	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
GCUST5748	101	402.00			1/20/2010	New restaurant on the corner	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
7223-01	103.12, 103.19	1451.00			10/29/2010	New swimming pool and community building built in 2010.	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
7224-12	104	422.00			10/29/2010	STR w/i PIR+40' - improved aerial photography	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
GCUST5748	101.3	1005.00			10/29/2010	Flea Market within PIR+40', portions of flea market built after 2006	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
50A	125.7, 126	620.00			9/22/2010	New Restaurant Built in 2007 according to website	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
167	126.2, 126.5	1440.00			9/22/2010	New Restaurant Built in 2007 according to website	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
121	125	818.00			9/22/2010	Improved Aerial Photography and Streetview - Structures w/i PIR+40' are actually Duplex and Apartment Units	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
1501-02	106,107	619.00			9/22/2010	Improved Aerial Photography and Streetview - Structures w/i PIR+40' are actually Duplex and Apartment Units	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
177A	158	1711.00			11/2/2010	New Care Facility	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
119A	102.5	1275.00			3/4/2010	New Target Store	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
BD8025, 9302	601, 601	62.00			10/12/2010	Blowdowns added to IMP in 2010	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
0619-04	102.7, 102.8	1089.00			10/12/2010	Line upgraded to 500 psig MOP which changes Transdef from D to T. Park,	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
0619-05	252,101.26,103.15,103.2, 104,104.5,105	3399.00			10/12/2010	Line upgraded to 500 psig MOP which changes Transdef from D to T. Restaurant,	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
220	156.64	475.00			10/12/2010	New Care Facility	Part of Annual HCA Review	None: Segments will be added/ removed from time to time
1511-01			115.3	403.56	8/4/2010	Removed: Parcel located as ID site before however Streetview and 2009 Imagery confirm it as old rundown junkyard with less	Part of Annual HCA Review	None: Segments will be added/ removed from time to time

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ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT ZONE	IMP	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANIF THREAT	CONST THREAT	TP THREAT	IO THREAT	RS THREAT	EC PLAN	IC PLAN	SCC PLAN
002	139.2	205164140	71.85	72.25	0.299	26.000	890	59.53	FBE	1/1/1990	2085	1	BB	T	I3	I15	I08	536	5.66	Yes	No	No	No	No	Yes	5/14/2015				
002	142.5	205121229	76.19	76.46	0.322	26.000	890	59.89	HAA	1/1/1969	1425	1	BB	T	I5	I15	I08	536	8.61	Yes	No	No	No	No	Yes	5/14/2015				
002	143	205121230	76.46	76.69	0.322	26.000	890	59.89	HAA	1/1/1971	1221	1	BB	T	I5	I15	I08	536	8.61	Yes	No	No	No	No	Yes	5/14/2015				
002	156.5	205149870	87.07	87.27	0.362	26.000	890	49.17	FBE	1/1/1989	1071	1	BB	T	I5	I15	I08	536	6.54	Yes	No	No	No	No	Yes	5/14/2015				
002	156.55	205149871	87.27	87.31	0.362	26.000	890	49.17	FBE	1/1/1989	213	3	BB	T	I5	I15	I08	536	13.37	Yes	No	No	No	No	Yes	5/14/2015				
002	156.6	205121232	87.31	87.82	0.362	26.000	890	49.17	FBE	1/1/1989	2698	3	BB	T	B5	I15	I08	536	13.37	Yes	No	No	No	No	Yes	5/14/2015				
002	156.75	205121235	88.08	88.30	0.362	26.000	890	49.17	FBE	1/1/1989	1143	1	BB	T	I5	I15	I08	536	7.06	Yes	No	No	No	No	Yes	5/14/2015				
002	156.8	20509790	88.30	88.31	0.500	26.000	890	44.50	FBE	1/1/1969	42	1	BB	T	I5	I15	I08	536	7.06	Yes	No	No	No	No	Yes	5/14/2015				
002	157.3	20509792	88.31	88.32	0.500	26.000	890	44.50	FBE	1/1/1989	44	1	BB	T	I5	I15	I08	536	7.06	Yes	No	No	No	No	Yes	5/14/2015				
002	157.5	205121236	88.32	88.50	0.362	26.000	890	49.17	FBE	1/1/1989	953	1	BB	T	I5	I15	I08	536	6.54	Yes	No	No	No	No	Yes	5/14/2015				
002	184.26	205130299	121.92	121.99	0.414	36.000	890	59.53	FBE	1/1/1968	338	1	BB	T	I5	E12	E07	742	7.68	Yes	No	No	No	No	Yes	8/1/2014				
002	184.3	205097309	121.99	122.00	0.483	36.000	890	49.99	FBE	1/1/1968	60	1	BB	T	I5	E14	E07	742	7.68	Yes	No	No	No	No	Yes	8/1/2014				
002	184.6	205143961	122.06	122.06	0.493	36.000	890	49.99	FBE	1/1/1969	328	3	BB	T	I5	E14	E07	742	14.55	Yes	No	No	No	No	Yes	8/1/2014				
002	184.65	205143962	122.06	122.13	0.493	36.000	890	49.99	FBE	1/1/1969	357	3	BB	T	I5	E14	E07	742	14.55	Yes	No	No	No	No	Yes	8/1/2014				
002	184.7	205142697	122.13	122.13	0.500	36.000	890	49.29	DEV-TAR 24	9/20/2006	7	3	BB	T	I6	E14	E07	742	11.69	Yes	No	No	No	No	Yes	8/1/2014				
002	184.8	205142698	122.13	122.13	0.375	26.000	890	47.47	DEV-TAR 24	9/20/2006	23	3	BB	T	I6	E14	E07	536	11.26	Yes	No	No	No	No	Yes	8/1/2014				
002	184.9	205142699	122.13	122.14	0.375	26.000	890	47.47	DEV-TAR 24	9/20/2006	7	3	BB	T	I6	E14	E07	536	11.26	Yes	No	No	No	No	Yes	8/1/2014				
002	185	205142681	122.14	122.14	0.375	26.000	890	47.47	DEV-TAR 24	9/20/2006	20	3	BB	T	I6	I13	I06	536	11.26	Yes	No	No	No	No	Yes	8/29/2013				
002	185.9	205142687	122.14	122.97	0.362	26.000	890	49.17	FBE	1/1/1989	4869	3	BB	T	I6	I13	I06	536	10.74	Yes	No	No	No	No	Yes	8/29/2013				
002	188	205122569	122.97	123.10	0.289	26.000	890	59.53	FBE	1/1/1969	647	1	BB	T	I5	I13	I06	536	8.29	Yes	No	No	No	No	Yes	8/29/2013				
002	189.8	205122592	126.52	126.56	0.299	26.000	890	59.53	FBE	1/1/1989	278	1	BB	T	I5	I13	I06	536	8.29	Yes	No	No	No	No	Yes	8/29/2013				
002	190	205100493	127.56	127.07	0.362	26.000	890	49.17	FBE	1/1/1989	2701	3	BB	T	I5	I13	I06	536	13.37	Yes	No	No	No	No	Yes	8/29/2013				
002	191	205122563	128.57	127.19	0.289	26.000	890	59.53	FBE	1/1/1989	677	1	BB	T	I5	I13	I06	536	8.29	Yes	No	No	No	No	Yes	8/29/2013				
002	216.1	205134893	139.25	139.31	0.322	26.000	890	59.89	TAPE	1/1/1972	328	1	BB	T	I5	I13	I06	536	9.32	Yes	No	No	No	No	Yes	8/29/2013				
002	216.2	205134894	139.31	139.69	0.322	26.000	890	59.89	TAPE	1/1/1972	2026	3	BB	T	I5	I13	I06	536	16.15	Yes	No	No	No	No	Yes	8/29/2013				
002	216.3	205097457	139.69	139.71	0.386	26.000	890	49.96	TAPE	1/1/1972	114	3	BB	T	I5	I13	I06	536	14.60	Yes	No	No	No	No	Yes	8/29/2013				
002	217	205143774	139.71	139.91	0.322	26.000	890	59.89	TAPE	1/1/1972	1019	3	BB	T	I6	I13	I06	536	16.15	Yes	No	No	No	No	Yes	8/29/2013				
002	217.2	205151949	139.91	140.15	0.322	26.000	890	59.89	TAPE	1/1/1972	1280	1	BB	T	I6	I13	I06	536	9.32	Yes	No	No	No	No	Yes	8/29/2013				
002	240.2	205143865	153.83	154.00	0.322	26.000	890	59.89	TAPE	1/1/1976	1127	1	BB	T	I5	I13	I06	536	9.58	Yes	No	No	No	No	Yes	8/29/2013				
002	240.23	205143870	154.00	154.01	0.406	26.000	890	47.50	TAPE	5/11/1993	20	1	BB	T	I5	I13	I06	536	7.06	Yes	No	No	No	No	Yes	8/29/2013				
002	240.24	205143871	154.01	154.01	0.500	26.000	890	59.89	FBE	5/11/1993	19	1	BB	T	I5	I13	I06	536	5.37	Yes	No	No	No	No	Yes	8/29/2013				
002	240.25	205143879	154.01	154.02	0.500	26.000	890	35.60	FBE	5/11/1993	19	1	BB	T	I5	I13	I06	536	5.37	Yes	No	No	No	No	Yes	8/29/2013				
002	240.27	205143880	154.02	154.02	0.406	26.000	890	47.50	TAPE	5/11/1993	40	1	BB	T	I5	I13	I06	536	7.06	Yes	No	No	No	No	Yes	8/29/2013				
002	240.28	205143877	154.02	154.13	0.322	26.000	890	59.89	TAPE	1/1/1976	418	1	BB	T	I5	I13	I06	536	9.58	Yes	No	No	No	No	Yes	8/29/2013				
002	241	205116381	154.15	154.29	0.322	26.000	890	59.89	TAPE	1/1/1976	68	1	BB	T	I5	I13	I06	536	7.57	Yes	No	No	No	No	Yes	8/29/2013				
100	101	205100288	138.43	139.50	0.313	20.000	375	34.29	HAA	1/1/1951	5996	3	LT	T	A5	I17	I10	268	10.90	Yes	No	No	No	No	Yes	7/1/2017				
100	101.3	205099341	139.50	139.53	0.375	20.000	375	19.23	TAPE	1/1/1966	171	3	LT	T	A5	I17	I10	268	10.90	Yes	No	No	No	No	Yes	7/1/2017				
100	102	205099343	139.53	140.63	0.313	20.000	375	34.29	HAA	1/1/1951	5632	3	LT	T	A5	I17	I10	268	18.51	Yes	No	No	No	No	Yes	7/1/2017				
100	102.3	205098914	140.63	140.66	0.250	20.000	375	28.85	TAPE	1/1/1970	150	3	LT	T	I5	I17	I10	268	23.16	Yes	No	No	No	No	Yes	7/1/2017				
100	102.6	205098915	140.66	140.67	0.281	20.000	375	31.77	TAPE	1/1/1970	60	3	LT	T	I5	I17	I10	268	7.55	Yes	No	No	No	No	Yes	7/1/2017				
100	104.2	205098958	141.15	141.18	0.313	20.000	375	34.29	WAX	1/1/1969	140	3	LT	T	I5	I17	I10	268	8.48	Yes	No	No	No	No	Yes	7/1/2017				
100	104.22	205098959	141.18	141.23	0.313	20.000	375	34.29	TAPE	1/1/1969	682	3	LT	T	I5	I17	I10	268	8.48	Yes	No	No	No	No	Yes	7/1/2017				
100	105	205099714	141.23	142.65	0.313	20.000	375	34.29	HAA	1/1/1951	7045	3	LT	T	B5	I17	I10	268	15.93	Yes	No	No	No	No	Yes	7/1/2017				
100	105.3	205099712	142.65	142.66	0.313	20.000	375	34.29	HAA	1/1/1957	79	3	LT	T	A5	I17	I10	268	11.54	Yes	No	No	No	No	Yes	7/1/2017				
100	106	205099723	142.66	143.86	0.313	20.000	375	28.85	TAPE	1/1/1951	5013	3	LT	T	B5	I17	I10	268	15.93	Yes	No	No	No	No	Yes	7/1/2017				
100	107.1	205099713	143.86	144.10	0.250	20.000	375	28.85	TAPE	1/1/1970	1289	3	LT	T	B5	I17	I10	268	6.51	Yes	No	No	No	No	Yes	7/1/2017				
100	107.5	205099619	144.10	144.10	0.375	20.000	375	19.23	TAPE	1/1/1998	4	3	LT	T	B5	I17	I10	268	7.18	Yes	No	No	No	No	Yes	7/1/2017				
100	107.6	205099618	144.10	144.25	0.281	12.750	375	20.26	TAPE	1/1/1998	761	3	LT	T	B5	I17	I10	171	7.09	Yes	No	No	No	No	Yes	7/1/2017				
100	107.7	205099620	144.25	144.25	0.375	20.000	375	19.23	TAPE	1/1/1998	11	3	LT	T	B5	I17	I10	268	7.18	Yes	No	No	No	No	Yes	7/1/2017				
100	107.9	205099617	144.25	144.48	0.250	20.000	375	28.85	TAPE	1/1/1970	1196	3	LT	T	B5	I17	I10	268	9.77	Yes	No	No	No	No	Yes	7/1/2017				
100	108	205099871	144.48	144.69	0.313	20.000	375	34.29	HAA	1/1/1951	2891	3	LT	T	A5	I17	I10	268	13.86	Yes	No	No	No	No	Yes	7/1/2017				

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EO THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EO PLAN	IC PLAN	SCC PLAN	
100	111.4	205099378	147.77	147.78	0.312	24.000	375	24.04	FBE	9/13/2000	32	3	LT	T	B5	I17	I10	322	7.63	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/7/2017	
100	111.5	205099376	147.78	147.78	0.312	24.000	375	24.04	PC	9/13/2000	19	3	LT	T	B5	I17	I10	322	10.02	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/7/2017	
100	111.6	205099379	147.78	147.81	0.375	24.000	375	20.00	PC	9/13/2000	133	3	LT	T	B5	I17	I10	322	10.02	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/7/2017	
100	111.7	205099380	147.81	147.81	0.312	24.000	375	24.04	PC	9/13/2000	20	3	LT	T	B5	I17	I10	322	7.63	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/7/2017	
100	111.8	205099372	147.81	147.97	0.312	24.000	375	24.04	FBE	9/13/2000	847	3	LT	T	B5	I17	I10	322	10.02	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/7/2017	
100	111.9	205099647	147.97	148.10	0.312	24.000	375	24.04	FBE	9/13/2000	703	3	LT	T	I5	I17	I10	322	10.02	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/7/2017	
100	112	205099638	148.10	148.48	0.312	24.000	375	24.04	TAPE	9/13/2000	2000	3	LT	T	I5	I17	I10	322	10.02	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/7/2017	
100	112.1	205099639	148.48	148.61	0.312	24.000	375	24.04	TAPE	6/30/1995	939	3	LT	T	B5	I17	I10	322	7.63	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/7/2017	
100	112.2	205099649	148.61	148.61	0.312	24.000	375	24.04	TAPE	9/13/2000	11	3	LT	T	B5	I17	I10	322	10.02	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/7/2017	
100	112.3	205099650	148.61	148.61	0.375	20.000	375	19.23	TAPE	9/13/2000	3	3	LT	T	A5	I17	I10	268	9.51	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/7/2017	
100	112.4	205099648	148.61	149.09	0.312	20.000	375	34.34	HAA	1/1/1951	2485	3	LT	T	A5	I17	I10	268	21.77	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/7/2017	
100	112.5	205099641	149.09	149.09	0.375	20.000	375	19.23	TAPE	1/1/1992	6	3	LT	T	A5	I17	I10	268	11.83	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/7/2017	
100	112.6	205113827	149.09	149.30	0.313	24.000	375	24.00	TAPE	1/1/1992	1118	3	LT	T	B5	I17	I10	322	14.79	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/7/2017	
100	112.63	205113829	149.30	149.35	0.313	24.000	375	24.00	TAPE	1/1/1992	263	3	LT	T	I5	I17	I10	322	14.63	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/7/2017	
100	112.67	205113830	149.35	149.39	0.313	24.000	375	24.00	TAPE	1/1/1992	187	3	LT	T	I5	I17	I10	322	14.63	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/7/2017	
100	112.7	205099640	149.39	149.39	0.375	20.000	375	19.23	TAPE	1/1/1992	2	3	LT	T	I5	I17	I10	268	14.01	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/7/2017	
100	113.1	205100080	149.39	150.00	0.313	20.000	375	34.29	HAA	1/1/1951	3194	3	LT	T	I5	I17	I10	268	28.33	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/7/2017	
100	113.2	205100102	150.00	150.03	0.313	20.000	375	34.29		1/1/1951	138	3	LT	T	I5	I17	I10	268	26.01	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/7/2017	
100	113.3	205100103	150.03	150.05	0.313	20.000	375	34.29	WAX	1/1/1951	110	3	LT	T	I5	I17	I10	268	26.01	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/7/2017	
100	113.4	205100101	150.05	150.05	0.313	20.000	375	34.29	PC	1/1/1951	16	3	LT	T	I5	I17	I10	268	26.01	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/7/2017	
100	113.5	205100100	150.05	150.05	0.250	20.000	375	28.85	PC	1/1/1970	18	3	LT	T	I5	I17	I10	268	22.79	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/7/2017	
100	113.6	205100099	150.05	150.06	0.250	20.000	375	28.85	TAPE	1/1/1970	49	3	LT	T	I5	I17	I10	268	22.79	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/7/2017	
100	113.9	205100052	150.06	150.06	0.281	20.000	375	31.77	TAPE	1/1/1970	11	3	LT	T	I5	I17	I10	268	24.28	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/7/2017	
100	114.2	205100063	150.06	150.13	0.313	20.000	375	34.29	HAA	1/1/1951	135	3	LT	T	I5	I17	I10	268	26.01	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/7/2017	
101	101	205099907	0.00	0.13	0.576	36.000	375	19.53	FBE	1/1/1997	530	3	LT	T	I5	E11	E07	482	21.38	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011	10/22/2012
101	101.5	205160250	0.13	0.14	0.576	36.000	375	19.53	FBE	1/1/1997	23	3	LT	T	I5	E11	E07	482	19.84	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011	10/22/2012
101	101.6	205160251	0.14	0.14	0.576	36.000	375	19.53	FBE	1/1/1997	21	3	LT	T	I5	E11	E07	482	19.84	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011	10/22/2012
101	101.7	205099903	0.14	0.15	0.576	36.000	375	19.53	FBE	1/1/1997	43	3	LT	T	I5	E11	E07	482	19.84	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011	10/22/2012
101	101.9	205099898	0.15	0.22	0.576	36.000	375	19.53	PC	1/1/1997	395	3	LT	T	I5	E11	E07	482	19.84	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011	10/22/2012
101	102.1	205099904	0.22	0.24	0.576	36.000	375	19.53	FBE	1/1/1997	142	3	LT	T	I5	E11	E07	482	19.84	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011	10/22/2012
101	102.3	205099905	0.24	0.25	0.576	36.000	375	19.53	FBE	1/1/1997	43	3	LT	T	I5	E11	E07	482	19.84	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011	10/22/2012
101	102.5	205100333	0.25	0.30	0.576	36.000	375	19.53	TAPE	1/1/1994	327	3	LT	T	I5	E11	E07	482	19.84	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011	10/22/2012
101	102.6	205100332	0.30	0.33	0.576	36.000	375	19.53	TAPE	1/1/1997	132	3	LT	T	I5	E11	E07	482	19.84	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011	10/22/2012
101	103.2	205109517	0.65	1.00	0.350	36.000	375	37.09	HAA	1/1/1965	1945	3	LT	T	I5	E13	E07	482	21.51	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	11/3/2013	10/22/2012
101	103.5	205099892	1.00	2.00	0.350	36.000	375	37.09	HAA	1/1/1965	5280	3	LT	T	I5	E13	E07	482	21.51	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	11/3/2013	10/22/2012
101	104	205098941	2.00	2.45	0.350	36.000	375	37.09	HAA	1/1/1965	2368	3	LT	T	B5	E15	E08	482	14.48	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	10/22/2012
101	104.3	205098942	2.45	2.45	0.350	34.000	375	35.03	HAA	1/1/1965	8	3	LT	T	A5	E15	E08	455	14.31	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	10/22/2012
101	104.6	205098943	2.45	2.49	0.344	34.000	375	35.64	HAA	1/1/1957	204	3	LT	T	A5	E13	E06	455	22.14	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No	Yes	11/3/2013	10/22/2012
101	104.9	205098944	2.49	2.49	0.438	34.000	375	27.99	SOMA	1/1/1965	10	3	LT	T	A5	E15	E08	455	12.68	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	10/22/2012
101	105.2	205098945	2.49	2.51	0.344	34.000	375	35.64	HAA	1/1/1957	120	3	LT	T	A5	E13	E06	455	21.20	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No	Yes	11/3/2013	10/22/2012
101	105.5	205098946	2.51	2.51	0.422	34.000	375	29.05	SOMA	1/1/1965	3	3	LT	T	A5	E15	E08	455	12.68	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	10/22/2012
101	105.8	205098947	2.51	2.54	0.422	36.000	375	30.76	SOMA	1/1/1965	178	3	LT	T	A5	E15	E08	482	14.48	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	10/22/2012
101	106.1	205098948	2.54	2.54	0.422	34.000	375	29.05	SOMA	1/1/1965	2	3	LT	T	A5	E15	E08	455	12.68	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	10/22/2012
101	106.4	205098949	2.54	2.59	0.438	34.000	375	27.99	HAA	1/1/1957	225	3	LT	T	A5	E15	E08	455	19.07	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No	Yes	12/5/2015	10/22/2012
101	106.7	205098952	2.59	2.65	0.469	36.000	375	27.68	SOMA	1/1/1965	310	3	LT	T	A5	E15	E08	482	13.46	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	10/22/2012
101	107	205098953	2.65	2.71	0.422	36.000	375	30.76	SOMA	1/1/1965	342	3	LT	T	A5	E15	E08	482	14.48	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	10/22/2012
101	108	205109520	2.71	2.78	0.350	36.000	375	37.09	HAA	1/1/1965	356	3	LT	T	A5	E15	E08	482													



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EQ PLAN	IC PLAN	SCC PLAN
101	115.5	205109531	9.76	9.78	0.350	36.000	375	37.09	HAA	1/1/1965	143	1	LT	T	I5	E13	E07	482	16.84	Yes	Yes	No	No	No	Yes	Yes	No	Yes	11/3/2013	10/22/2012
101	116	205164093	9.78	9.79	0.350	36.000	375	37.09	HAA	1/1/1965	42	3	LT	T	I5	E11	E07	482	23.51	Yes	Yes	No	No	No	Yes	Yes	No	Yes	12/31/2011	10/25/2015
101	116.3	205098346	10.00	10.01	0.432	36.000	375	26.04	TAPE	1/1/1980	61	3	LT	T	I5	E11	E07	482	19.01	Yes	Yes	No	No	No	Yes	Yes	No	Yes	11/7/2011	10/22/2012
101	117	205164094	9.79	10.00	0.350	36.000	375	37.09	HAA	1/1/1965	1138	3	LT	T	I5	E11	E07	482	18.37	Yes	Yes	No	No	No	Yes	Yes	No	Yes	11/7/2011	10/22/2012
101	117	205102525	10.01	10.40	0.350	36.000	375	37.09	HAA	1/1/1965	2046	3	LT	T	I5	E11	E07	482	22.18	Yes	Yes	No	No	No	Yes	Yes	No	Yes	11/7/2011	10/22/2012
101	117.3	205102526	10.40	10.40	0.350	30.000	375	30.91	HAA	1/1/1965	4	3	LT	T	I5	E11	E07	402	22.50	Yes	Yes	No	No	No	Yes	Yes	No	Yes	11/7/2011	10/22/2012
101	118	205103068	10.40	10.52	0.313	30.000	375	42.86	HAA	1/1/1969	618	3	LT	T	I5	E11	E07	402	30.20	Yes	Yes	No	Yes	No	Yes	Yes	No	Yes	11/7/2011	10/22/2012
101	118.3	205103069	10.52	10.53	0.375	30.000	375	35.71	TAPE	1/1/1973	26	3	LT	T	I5	E11	E07	402	22.07	Yes	Yes	No	No	No	Yes	Yes	No	Yes	11/7/2011	10/22/2012
101	119	205103070	10.53	11.25	0.344	34.000	375	35.64	XTRUPL	1/1/1973	3661	3	LT	T	I5	E11	E07	455	22.61	Yes	Yes	No	No	No	Yes	Yes	No	Yes	11/7/2011	10/22/2012
101	119.3	205102524	11.25	11.26	0.500	34.000	375	30.36	TAPE	1/1/1973	67	3	LT	T	I5	E11	E07	455	17.53	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2011	
101	120	205102592	11.26	11.62	0.344	34.000	375	35.64	XTRUPL	1/1/1973	1878	3	LT	T	I5	E11	E06	455	17.53	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2011	
101	120.3	205102593	11.62	11.62	0.313	20.000	375	23.08	TAPE	1/1/1973	22	3	LT	T	I5	E11	E06	268	11.14	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2011	
101	121	205102594	11.62	11.92	0.313	24.000	375	27.69	TAPE	1/1/1987	1450	3	LT	T	I5	E11	E06	321	13.56	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2011	
101	121.3	205102600	11.92	12.00	0.313	24.000	375	27.69	TAPE	1/1/1987	359	3	LT	T	I5	E11	E06	321	13.56	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2011	
101	121.7	205102607	12.00	12.06	0.313	24.000	375	27.69	TAPE	1/1/1987	317	3	LT	T	I5	E11	E06	322	14.44	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2011	
101	122	205102601	12.06	12.40	0.313	24.000	375	27.69	TAPE	1/1/1987	1800	3	LT	T	B5	E11	E06	321	14.62	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2011	
101	122.3	205102602	12.40	12.40	0.312	20.000	375	23.11	TAPE	1/1/1987	2	3	LT	T	A5	E11	E06	268	14.25	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2011	
101	123.2	205113402	12.45	12.61	0.312	20.000	375	34.34	TAPE	1/1/1959	918	3	LT	T	A5	E11	E06	268	15.39	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/7/2011	
101	124.2	205113405	12.83	12.95	0.313	20.000	375	28.57	HAA	1/1/1961	666	3	LT	T	A5	E11	E06	268	10.34	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/7/2011	
101	124.3	205102605	12.95	12.95	0.375	20.000	375	19.23	TAPE	1/1/1988	3	3	LT	T	A5	E11	E06	268	9.51	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2011	
101	125	205102606	12.95	13.17	0.313	24.000	375	24.00	TAPE	1/1/1988	1171	3	LT	T	B5	E11	E06	321	10.02	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2011	
101	126	205102978	13.17	13.62	0.313	24.000	375	24.00	TAPE	1/1/1986	2362	3	LT	T	B5	E11	E06	321	15.03	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2011	
101	126.5	205102979	13.62	13.80	0.313	24.000	375	24.00	FBE	10/23/2001	814	3	LT	T	I5	E11	E06	321	13.55	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2011	
101	126.7	205102981	13.80	14.03	0.313	24.000	375	24.00	TAPE	1/1/1986	1230	3	LT	T	I5	E11	E06	321	15.03	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2011	
101	127	205102963	14.03	14.13	0.313	24.000	375	24.00	XTRUPL	1/1/1986	611	3	LT	T	B5	E11	E06	321	15.03	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2011	
101	127.3	205102964	14.13	14.16	0.313	24.000	375	24.00	XTRUPL	1/1/1986	263	3	LT	T	A5	E11	E06	321	15.92	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2011	
101	127.6	205102965	14.16	14.23	0.313	24.000	375	24.00	XTRUPL	1/1/1986	391	3	LT	T	A5	E11	E06	321	15.03	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2011	
101	127.9	205102966	14.23	14.24	0.313	24.000	375	24.00	XTRUPL	1/1/1986	28	3	LT	T	B5	E11	E06	321	15.03	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2011	
101	128.2	205102967	14.24	14.25	0.313	24.000	375	24.00	XTRUPL	1/1/1986	20	3	LT	T	B5	E11	E06	321	15.03	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2011	
101	129	205102968	14.25	14.52	0.313	24.000	375	24.00	XTRUPL	1/1/1987	1799	3	LT	T	B5	E11	E06	321	12.65	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2011	
101	129.3	205102969	14.52	14.52	0.375	20.000	375	19.23	XTRUPL	1/1/1987	5	3	LT	T	A5	E11	E06	268	9.51	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2011	
101	130	205102970	14.52	14.90	0.313	20.000	375	28.57	HAA	1/1/1955	2229	3	LT	T	B5	E11	E06	268	12.63	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/7/2011	
101	130.3	205102971	14.90	14.90	0.375	20.000	375	19.23	TAPE	1/1/1989	3	3	LT	T	I5	E11	E06	268	10.84	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2011	
101	130.6	205102972	14.90	14.96	0.313	24.000	375	27.69	TAPE	1/1/1989	316	3	LT	T	I5	E11	E06	321	10.03	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2011	
101	130.9	205102973	14.96	14.96	0.375	20.000	375	19.23	TAPE	1/1/1989	3	3	LT	T	I5	E11	E06	268	10.84	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2011	
101	132	205102988	14.96	15.25	0.313	20.000	375	23.08	HAA	1/1/1955	1465	3	LT	T	I5	E11	E06	268	11.77	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/7/2011	
101	132.3	205102989	15.24	15.24	0.375	20.000	375	19.23	TAPE	1/1/1989	3	3	LT	T	A5	E11	E06	268	10.84	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2011	
101	132.6	205102990	15.24	15.25	0.313	24.000	375	27.69	TAPE	1/1/1989	35	3	LT	T	A5	E11	E06	321	11.50	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2011	
101	133	205102991	15.25	15.49	0.500	24.000	375	17.31	TAPE	1/1/1989	1292	3	LT	T	B5	E11	E06	321	9.76	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2011	
101	134	205102955	15.49	15.59	0.313	24.000	375	27.69	TAPE	1/1/1989	524	3	LT	T	A5	E11	E06	321	11.50	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2011	
101	134.3	205102956	15.59	15.60	0.313	24.000	375	27.69	TAPE	1/1/1989	15	3	LT	T	A5	E11	E06	321	11.50	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2011	
101	134.6	205102577	15.60	15.69	0.313	24.000	375	27.69	TAPE	1/1/1989	474	3	LT	T	A5	E11	E06	321	11.50	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2011	
101	134.9	205102578	15.68	15.68	0.375	20.000	375	19.23	TAPE	1/1/1989	3	3	LT	T	A5	E11	E06	268	10.84	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2011	
101	136	205102579	15.69	16.64	0.313	20.000	375	28.57	HAA	1/1/1957	5646	3	LT	T	B5	E11	E06	268	12.63	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/7/2011	
101	136.3	205102567	16.64	16.64	0.313	20.000	375	28.57	HAA	1/1/1960	19	3	LT	T	B5	E11	E06	268	11.08	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/7/2011	
101	137.2	205102570	16.65	16.66	0.375	20.000	375	19.23	TAPE	1/1/1957	26	3	LT	T	B5	E11	E06	268	13.35	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/7/2011	
101	137.5	205102571	16.66	16.67	0.375	20.000	375	19.23	TAPE	1/1/1957	25	3	LT	T	B5	E11	E06	268	13.35	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/7/2011	
101	137.8	205102572	16.67	16.68	0.313	20.000	375	28.57	HAA	1/1/1957	68	3	LT	T	B5	E11	E06	268	11.77	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/7/2011	
101	138.1	205102																												

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN
101	144	205102663	21.55	22.01	0.313	24.000	375	24.00	XTRUPL	1/1/1988	2492	3	LT	T	I5	E11	E06	321	15.56	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	145	205102094	22.01	22.14	0.375	24.000	375	20.00	TAPE	1/1/1995	703	3	LT	T	I5	E11	E06	321	10.26	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	146	205102689	22.14	22.78	0.313	24.000	375	24.00	XTRUPL	1/1/1988	4081	3	LT	T	B5	E11	E06	321	14.68	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	146.3	205102678	22.78	22.79	0.313	24.000	375	24.00	TAPE	1/1/1986	16	3	LT	T	I5	E11	E06	321	11.50	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	146.6	205102679	22.79	22.79	0.313	24.000	375	24.00	TAPE	1/1/1986	23	3	LT	T	I5	E11	E06	321	11.50	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	147	205102680	22.79	23.07	0.313	24.000	375	24.00	TAPE	1/1/1986	1482	3	LT	T	I5	E11	E06	321	7.63	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	147.3	205102677	23.07	23.14	0.313	24.000	375	24.00	TAPE	1/1/1995	389	3	LT	T	I5	E11	E06	321	7.63	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	147.6	205102675	23.14	23.16	0.313	24.000	375	24.00	TAPE	1/1/1986	112	3	LT	T	I5	E11	E06	321	10.02	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	147.9	205102676	23.16	23.16	0.313	24.000	375	24.00	TAPE	1/1/1995	22	3	LT	T	I5	E11	E06	321	10.02	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	149	205102677	23.16	24.05	0.313	24.000	375	24.00	TAPE	1/1/1986	4650	3	LT	T	B5	E11	E06	321	11.50	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	150	205102548	24.05	24.16	0.375	24.000	375	20.00	TAPE	1/1/1986	601	3	LT	T	I5	E11	E06	321	11.50	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	151	205102093	24.16	24.73	0.313	24.000	375	24.00	TAPE	1/1/1986	3116	3	LT	T	B5	E11	E06	321	17.68	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	151.3	205102483	24.73	24.73	0.375	20.000	375	19.23	TAPE	1/1/1986	5	3	LT	T	B5	E11	E06	268	10.84	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	151.6	205102484	24.73	24.74	0.375	20.000	375	19.23	TAPE	1/1/1986	65	3	LT	T	B5	E11	E06	268	10.84	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	152	205102485	24.74	24.89	0.281	20.000	375	38.13	HAA	1/1/1964	780	3	LT	T	I5	E11	E06	268	13.04	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	152.3	205102106	24.89	24.89	0.375	20.000	375	19.23	TAPE	1/1/1988	4	3	LT	T	I5	E11	E06	268	10.84	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	152.6	205102107	24.89	24.90	0.313	24.000	375	24.00	TAPE	1/1/1988	65	3	LT	T	I5	E11	E06	321	11.50	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	153	205102108	24.90	25.51	0.313	24.000	375	24.00	TAPE	1/1/1988	3223	3	LT	T	I5	E11	E06	321	11.50	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	154	205102112	25.51	26.72	0.313	24.000	375	24.00	TAPE	1/1/1988	6211	3	LT	T	B5	E11	E06	322	17.68	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	154.3	205102113	26.72	26.73	0.313	24.000	375	27.69	TAPE	1/1/1988	45	3	LT	T	B5	E11	E06	321	11.50	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	155	205102049	26.73	27.07	0.250	24.000	375	42.86	TAPE	1/1/1977	2208	3	LT	T	B5	E11	E06	322	21.27	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	155.3	205102047	27.07	27.07	0.250	20.000	375	35.71	TAPE	1/1/1977	4	3	LT	T	I5	E11	E06	268	19.24	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	155.6	205102048	27.07	27.08	0.375	20.000	375	19.23	TAPE	1/1/1988	12	3	LT	T	I5	E11	E06	268	14.68	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	156	205102300	27.08	27.60	0.313	20.000	375	34.29	TAPE	1/1/1952	2066	3	LT	T	I5	E11	E06	268	20.96	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	156.2	205102303	27.60	27.63	0.375	20.000	375	19.23	TAPE	1/1/1996	142	3	LT	T	I5	E11	E06	268	9.51	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	156.4	205102304	27.63	27.65	0.313	20.000	375	34.29	TAPE	1/1/1952	155	3	LT	T	I5	E11	E06	268	15.79	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	156.5	205102306	27.65	27.70	0.375	20.000	375	19.23	TAPE	4/29/1993	270	3	LT	T	I5	E11	E06	268	9.51	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	156.6	205102307	27.70	27.72	0.313	20.000	375	34.29	TAPE	1/1/1952	89	3	LT	T	I5	E11	E06	268	16.65	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	156.7	205102042	27.72	27.72	0.375	20.000	375	16.67	FBE	4/4/2003	42	3	LT	T	I5	E11	E06	268	14.68	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	156.8	205102044	27.72	27.74	0.375	20.000	375	16.67	PC	4/4/2003	74	3	LT	T	I5	E11	E06	268	14.68	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	157.4	205113800	27.77	27.91	0.313	20.000	375	34.29	TAPE	1/1/1952	1347	3	LT	T	I5	E11	E06	268	16.65	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	158	205102050	27.91	28.25	0.313	20.000	375	34.29	HAA	1/1/1952	1767	3	LT	T	I5	E11	E06	268	18.89	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	158.3	205102051	28.25	28.25	0.375	20.000	375	19.23	TAPE	1/1/1988	4	3	LT	T	I5	E11	E06	268	16.00	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	158.6	205102052	28.25	28.26	0.313	24.000	375	24.00	TAPE	1/1/1988	36	3	LT	T	I5	E11	E06	321	16.80	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	158.9	205102053	28.26	28.26	0.313	24.000	375	24.00	TAPE	1/1/1988	6	3	LT	T	I5	E11	E06	321	16.80	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	159.2	205102054	28.26	28.28	0.313	24.000	375	24.00	TAPE	1/1/1988	93	3	LT	T	I5	E11	E06	321	16.80	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	159.5	205102055	28.28	28.28	0.375	20.000	375	19.23	TAPE	1/1/1988	4	3	LT	T	I5	E11	E06	268	16.00	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	160	205102056	28.28	28.64	0.313	20.000	375	28.57	HAA	1/1/1952	1995	3	LT	T	B5	E11	E06	268	17.80	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	161	205102311	28.64	28.81	0.313	20.000	375	28.57	TAPE	1/1/1952	948	3	LT	T	B5	E11	E06	268	19.01	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	161.3	205102308	28.81	28.83	0.313	20.000	375	28.57	HAA	1/1/1952	88	3	LT	T	A5	E11	E06	268	16.94	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	161.6	205102309	28.83	28.83	0.375	20.000	375	19.23	TAPE	1/1/1988	2	3	LT	T	A5	E11	E06	268	14.68	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	161.9	205102310	28.83	28.83	0.375	20.000	375	19.23	TAPE	1/1/1986	9	3	LT	T	A5	E11	E06	268	16.00	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	163	205109497	28.83	30.41	0.375	24.000	375	20.00	TAPE	1/1/1986	8486	3	LT	T	B5	E11	E06	321	16.80	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	163.5	205109498	30.41	31.16	0.375	24.000	375	20.00	TAPE	1/1/1986	5789	3	LT	T	I5	E11	E06	321	22.46	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	164	205102206	31.16	31.36	0.375	24.000	375	20.00	TAPE	1/1/1986	1152	4	LT	T	I5	E11	E06	322	22.46	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	164.3	205102203	31.36	31.36	0.375	20.000	375	19.23	TAPE	1/1/1986	2	4	LT	T	I5	E11	E06	268	20.66	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	165	205102204	31.36	31.95	0.313	20.000	375	28.57	HAA	1/1/1959	3194	4	LT	T	I5	E11	E06	268	21.88	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	165.3	205101209	31.95	31.95	0.313	20.000	375	23.08	TAPE	1/1/1986	11	4	LT	T	I5	E11	E06	268	21.89	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2011
101	166	205101880	31.95																											

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN	
101	172.5	205101211	34.43	34.44	0.313	24.000	145	9.28	TAPE	1/1/1987	65	3	LT	T	15	E15	E08	200	15.48	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	172.8	205101212	34.44	34.44	0.313	24.000	145	9.28	TAPE	1/1/1990	12	3	LT	T	15	E15	E08	200	14.20	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	174	205113366	34.44	34.84	0.313	24.000	145	9.28	TAPE	1/1/1987	2143	3	LT	T	15	E15	E08	200	16.31	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	174.5	205113787	34.84	34.97	0.313	24.000	145	9.28	TAPE	1/1/1987	700	3	LT	T	15	E15	E08	200	16.31	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	174.6	205113788	34.97	35.00	0.313	24.000	145	9.28	TAPE	1/1/1987	147	3	LT	T	15	E15	E08	200	15.48	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	175	205113364	35.00	35.04	0.313	24.000	145	9.28	TAPE	1/1/1987	239	3	LT	T	15	E15	E08	200	15.48	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	175.2	205113365	35.04	35.44	0.313	24.000	145	9.28	TAPE	1/1/1987	2135	3	LT	T	15	E15	E08	200	15.48	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	175.3	205101214	35.44	35.47	0.281	20.000	145	12.29	HAA	1/1/1959	165	3	LT	T	15	E15	E08	167	20.89	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	176	205101215	35.47	35.58	0.281	20.000	145	14.74	HAA	1/1/1947	571	3	LT	T	15	E15	E08	167	20.89	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	176.2	205101990	35.58	35.58	0.312	20.000	145	8.94	TAPE	1/1/1987	14	3	LT	T	15	E15	E08	167	15.22	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	176.3	205101988	35.58	35.62	0.313	20.000	145	13.26	HAA	1/1/1955	191	3	LT	T	15	E15	E08	167	20.07	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	176.6	205101989	35.62	35.65	0.313	20.000	145	11.05	TAPE	1/1/1977	146	3	LT	T	15	E15	E08	167	20.95	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	177.5	205101991	35.65	35.69	0.313	20.000	145	13.26	HAA	1/1/1955	252	3	LT	T	15	E15	E08	167	20.07	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	178	205101992	35.69	36.51	0.313	24.000	145	9.28	TAPE	1/1/1987	4710	3	LT	T	15	E15	E08	200	16.31	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	179	205101226	36.51	36.98	0.313	24.000	145	9.28	TAPE	1/1/1989	2490	3	LT	T	15	E15	E08	200	17.53	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	179.8	205102033	36.98	37.00	0.313	24.000	145	9.28	TAPE	1/1/1993	73	3	LT	T	15	E15	E08	200	17.53	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	180.1	205113362	37.00	37.02	0.313	24.000	145	9.28	TAPE	1/1/1989	118	3	LT	T	15	E15	E08	200	17.53	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	180.15	205113363	37.02	37.05	0.313	24.000	145	9.28	TAPE	1/1/1989	157	3	LT	T	19	E15		200	22.98	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/13/2017	10/22/2012
101	180.2	205162481	37.05	37.55	0.312	24.000	145	9.29	FBE	10/19/2002	1001	3	LT	T	19	E15		200	15.87	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/13/2017	10/22/2012
101	180.28	205113361	38.32	38.64	0.313	24.000	145	9.28	TAPE	1/1/1989	2489	3	LT	T	15	E15	E08	200	17.53	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	180.29	205113785	38.64	38.73	0.313	24.000	145	9.28	TAPE	1/1/1989	697	3	LT	T	15	E15	E08	200	17.53	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	180.4	205113357	38.85	39.07	0.313	24.000	145	9.28	TAPE	1/1/1989	1678	3	LT	T	15	E15	E08	200	14.20	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	180.5	205113355	39.07	39.23	0.313	24.000	145	9.28	TAPE	1/1/1989	1200	3	LT	T	18	E11		200	24.14	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011	
101	180.6	205113353	39.23	39.74	0.313	24.000	145	9.28	TAPE	1/1/1989	3878	3	LT	T	15	E15	E08	200	22.70	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	180.8	205113349	39.81	39.85	0.313	24.000	145	9.28	TAPE	1/1/1989	314	3	LT	T	15	E15	E08	200	18.69	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	181	205100137	39.85	40.18	0.313	24.000	145	9.28	TAPE	1/1/1989	1887	3	LT	T	15	E15	E08	200	18.56	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	182	205102153	40.18	40.23	0.313	24.000	145	9.28	TAPE	1/1/1989	285	3	LT	T	15	E15	E08	200	7.68	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	182.1	205102155	40.23	40.23	0.312	24.000	145	9.29	FBE	3/12/2003	18	3	LT	T	15	E15	E08	200	9.20	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	182.3	205102156	40.23	40.56	0.312	24.000	145	9.29	FBE	3/12/2003	1686	3	LT	T	15	E15	E08	200	6.95	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	182.4	205102165	40.56	40.56	0.312	24.000	145	9.29	FBE	3/12/2003	56	3	LT	T	B5	E15	E08	200	6.95	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	182.6	205102164	40.56	40.82	0.312	24.000	145	9.29	FBE	3/12/2003	1345	3	LT	T	B5	E15	E08	200	6.95	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	182.6	205102162	40.82	40.82	0.312	24.000	145	9.29	FBE	3/12/2003	11	3	LT	T	B5	E15	E08	200	9.20	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	182.7	205102163	40.82	40.82	0.312	20.000	145	7.75	FBE	3/12/2003	9	3	LT	T	B5	E15	E08	167	9.04	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	182.9	205102161	40.82	40.83	0.250	20.000	145	21.97	HAA	1/1/1953	65	3	LT	T	B5	E15	E08	167	11.04	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	183.2	205102149	40.83	40.83	0.375	20.000	145	7.44	TAPE	1/1/1989	9	3	LT	T	B5	E15	E08	167	9.04	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	184	205102145	40.83	41.49	0.250	20.000	145	21.97	HAA	1/1/1953	3426	3	LT	T	A5	E15	E08	167	15.46	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	184.5	205102144	41.49	41.49	0.375	20.000	145	7.44	TAPE	1/1/1989	16	3	LT	T	B5	E15	E08	167	13.47	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	185	205102143	41.49	41.60	0.250	20.000	145	21.97	HAA	1/1/1953	602	3	LT	T	15	E15	E08	167	15.46	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	185.3	205091033	41.60	41.62	0.250	20.000	145	21.97	HAA	1/1/1959	143	3	LT	T	15	E15	E08	167	15.46	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	185.6	205091034	41.62	41.66	0.250	20.000	145	21.97	HAA	1/1/1953	237	3	LT	T	15	E15	E08	167	15.46	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	185.9	205091035	41.66	41.66	0.250	20.000	145	13.81	TAPE	1/1/1993	4	3	LT	T	15	E15	E08	167	13.47	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	186.2	205091036	41.66	41.67	0.375	20.000	145	7.44	TAPE	1/1/1993	48	3	LT	T	15	E15	E08	167	13.47	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	187	205117904	41.67	41.70	0.250	20.000	145	21.97	HAA	1/1/1959	181	3	LT	T	15	E15	E08	167	15.46	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	188	205091032	41.99	42.10	0.250	20.000	145	21.97	HAA	1/1/1953	632	3	LT	T	15	E15	E08	167	15.46	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	188.3	205073487	42.10	42.10	0.375	20.000	145	7.44	TAPE	1/1/1989	2	3	LT	T	15	E15	E08	167	13.47	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	188.6	205073488	42.10	42.17	0.250	20.000	145	21.97	HAA	1/1/1953	371	3	LT	T	15	E15	E08	167	15.62	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	190.3	205134185	42.22	42.24	0.250	20.000	145	13.81	HAA	1/1/1951	113	3	LT	T	18	E15	E08	167	14.56	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/5/2015	
101	190.5	205117907	42.24	42.29	0.250	20.000	145	13.81	HAA	1/1/1951	271	3	LT	T	15	E15	E08	167	14.56	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/5	

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EO THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN
101	198	205073504	43.50	43.85	0.313	24.000	145	9.28	TAPE	1/1/1987	1925	3	LT	T	I5	E15	E08	200	19.61	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015
101	198.3	205073556	43.85	43.87	0.313	24.000	145	9.28	TAPE	1/1/1987	97	3	LT	T	I5	E15	E08	200	19.61	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015
101	198.6	205073505	43.87	43.92	0.281	24.000	145	14.74	HAA	1/1/1963	279	3	LT	T	I5	E15	E08	200	19.63	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/5/2015
101	199	205073555	43.92	44.31	0.313	24.000	145	13.26	HAA	1/1/1966	2389	3	LT	T	I5	E15	E08	200	21.58	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/5/2015
101	200	205073551	44.31	44.46	0.313	24.000	145	13.26	HAA	1/1/1965	786	3	LT	T	I5	E15	E08	200	20.74	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/5/2015
101	202	205073549	44.46	44.59	0.313	24.000	145	9.28	TAPE	1/1/1988	470	3	LT	T	I5	E15	E08	200	18.22	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015
101	207	205073545	44.59	44.60	0.313	24.000	145	9.28	TAPE	1/1/1991	48	3	LT	T	I5	E15	E08	200	17.03	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015
101	209	205073546	44.60	44.60	0.313	24.000	145	9.28	TAPE	1/1/1988	18	3	LT	T	I5	E15	E08	200	17.39	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/5/2015
101	210	205073506	44.60	44.61	0.375	20.000	145	7.44	HAA	1/1/1956	50	3	LT	T	I5	E15	E08	167	17.84	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/5/2015
103	101.1	205144632	0.55	0.70	0.281	12.750	350	18.91	TAPE	1/1/1992	887	3	LT	T	I6	E11		165	11.25	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	101.2	205123179	0.70	0.85	0.281	12.750	350	18.91	TAPE	1/1/1992	799	3	LT	T	A1	E11		165	11.25	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	101.5	205123180	0.85	0.92	0.281	12.750	350	18.91	TAPE	1/1/1992	422	3	LT	T	I5	E11		165	11.31	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	101.8	205129198	3.82	3.83	0.333	12.750	350	15.95	SOMA	1/1/1953	200	3	LT	T	I5	E11		165	22.35	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	104	205123183	4.79	4.94	0.281	12.750	350	18.91	TAPE	1/1/1990	800	3	LT	T	I1	E11		165	13.72	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	122.6	205144700	15.64	15.86	0.250	12.750	350	33.81	HAA	1/1/1930	1173	1	LT	T	I9	E11		165	28.19	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/31/2011
103	123.8	205120412	16.94	17.24	0.250	12.750	350	33.81	HAA	1/1/1930	1558	1	LT	T	I5	E11		165	31.71	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/31/2011
103	126.09	205120415	19.36	19.38	0.250	12.750	350	33.81	HAA	1/1/1930	106	3	LT	T	I5	E11		165	36.42	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/31/2011
103	126.1	205083457	19.38	19.41	-0.203	12.750	350	-31.40		1/1/1950	230	3	LT	T	I5	E11		165	33.00	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	126.2	205083454	19.41	19.44	0.250	12.750	350	33.81	HAA	1/1/1930	283	3	LT	T	I5	E11		165	37.18	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/31/2011
103	126.3	205083220	19.44	19.51	0.250	12.750	350	33.81	HAA	1/1/1930	482	3	LT	T	I5	E11		165	32.76	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/31/2011
103	126.4	205120416	19.51	19.53	0.250	12.750	350	33.81	HAA	1/1/1930	116	3	LT	T	I5	E11		165	37.40	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/31/2011
103	130	205120420	20.59	20.80	0.219	12.750	350	24.26	TAPE	1/1/1994	1288	3	LT	T	I5	E11		165	14.99	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	130.1	205129302	20.80	20.87	0.219	12.750	350	24.26	TAPE	1/1/1994	404	3	LT	T	I5	E11		165	14.99	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	130.3	205129306	20.95	21.08	0.219	12.750	350	24.26	TAPE	1/1/1994	759	3	LT	T	I5	E11		165	14.99	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	130.6	205120423	21.15	21.37	0.219	12.750	350	24.26	TAPE	1/1/1994	1294	3	LT	T	B5	E11		165	18.27	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	131	205083159	21.37	21.51	0.219	12.750	350	24.26	HAA	1/1/1965	732	3	LT	T	B5	E11		165	24.70	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	132	205083167	21.51	22.00	0.281	12.750	350	18.91	TAPE	1/1/1996	2068	3	LT	T	I5	E11		165	12.90	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	133	205083168	22.00	22.06	0.219	12.750	350	24.26	HAA	1/1/1973	310	3	LT	T	I5	E11		165	18.21	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	134	205083174	22.06	22.20	0.281	12.750	350	18.91	TAPE	1/1/1996	749	3	LT	T	I5	E11		165	10.17	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	135	205082943	22.20	22.21	0.219	12.750	350	24.26	HAA	1/1/1964	55	3	LT	T	I5	E11		165	26.81	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	136	205120438	22.21	22.82	0.281	12.750	350	18.91	TAPE	1/1/1996	3343	3	LT	T	B5	E11		165	13.44	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	136.25	205120441	22.84	23.10	0.281	12.750	350	18.91	TAPE	1/1/1996	872	3	LT	T	I5	E11		165	12.68	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	136.3	205083474	23.10	23.23	0.250	12.750	350	21.25	HAA	1/1/1953	681	3	LT	T	I5	E11		165	23.62	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	138	205083179	23.28	23.55	0.281	12.750	350	18.91	TAPE	1/1/1996	870	3	LT	T	I5	E11		166	13.66	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	138.5	205082946	23.55	23.55	0.219	12.750	350	24.26	HAA	1/1/1979	27	3	LT	T	I5	E11		165	21.70	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	138.7	205082947	23.55	23.55	0.280	6.625	350	-14.79		1/1/1982	17	3	LT	T	I5	E11		86	20.14	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	139	205083182	23.55	23.56	0.375	12.750	313	15.20	TAPE	1/1/1982	25	3	LT	T	I5	E11		156	14.75	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	140	205082950	23.56	23.82	0.281	12.750	313	16.91	TAPE	1/1/1992	1348	3	LT	T	I5	E11		156	13.60	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	141	205083494	23.82	24.04	0.250	12.750	313	22.80	TAPE	1/1/1978	950	3	LT	T	I5	E11		156	19.71	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	142	205120442	24.04	24.89	0.281	12.750	313	16.91	TAPE	1/1/1992	4513	3	LT	T	B5	E11		156	10.10	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	142.8	205120445	25.07	25.31	0.281	12.750	313	16.91	TAPE	1/1/1992	1252	3	LT	T	B5	E11		156	10.10	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	143	205083497	25.31	25.46	0.250	8.625	313	15.43	SOMA	1/1/1954	792	3	LT	T	B5	E11		106	21.61	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	144	205120446	25.46	25.85	-0.188	10.750	313	-21.31	HAA	1/1/1956	2047	3	LT	T	B5	E11		132	25.03	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	144.3	205152809	25.85	25.91	-0.188	10.750	313	-21.31	HAA	1/1/1956	349	3	LT	T	I5	E11		132	25.03	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	145.3	205128903	26.58	26.74	0.219	10.750	313	18.29	TAPE	1/1/1970	850	3	LT	T	I5	E11		132	22.86	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	145.8	205120449	26.74	26.79	0.219	10.750	313	18.29	TAPE	1/1/1970	249	3	LT	T	I5	E11		132	23.67	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	146	205120450	26.79	26.90	-0.188	10.750	313	-21.31	HAA	1/1/1956	558	3	LT	T	I5	E11		132	25.03	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	146.4	205136008	26.99	27.06	-0.188	10.750	313	-21.31	HAA	1/1/1956	348	3	LT	T	I9	E11		132	25.03	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011
103	146.6	205120453	27.06	27.08	-0.188	10.750	313	-21.31	HAA	1/1/1956	122	3																		



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN		
107	145.6	205094025	24.36	24.36	0.375	22.000	477	39.98	TAPE	1/1/1984	3	1	BB	T	I5	E15	E10	333	8.80	Yes	No	No	No	No	Yes	Yes	No	Yes	7/26/2015			
107	146	205124955	24.36	24.42	0.313	22.000	477	59.97	HAA	1/1/1930	312	1	BB	T	I5	E15	E10	333	34.22	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	7/26/2015			
107	151.2	205118333	26.43	26.50	0.313	22.000	477	59.97	HAA	1/1/1930	420	3	BB	T	A5	E15	E10	333	32.91	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	7/26/2015			
107	151.3	205094936	26.50	26.52	0.313	22.000	477	59.97	HAA	1/1/1930	106	3	BB	T	A1	E15	E10	333	33.74	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	7/26/2015			
107	151.6	205094937	26.52	26.52	0.375	22.000	477	39.98	TAPE	1/1/1984	15	3	BB	T	A1	E15	E10	333	17.97	Yes	No	No	No	No	Yes	Yes	No	Yes	7/26/2015			
107	151.9	205094938	26.52	26.52	0.375	22.000	477	39.98	TAPE	1/1/1984	18	3	BB	T	A1	E15	E10	333	17.97	Yes	No	No	No	No	Yes	Yes	No	Yes	7/26/2015			
107	153	205094940	26.52	26.61	0.432	36.000	477	33.13	TAPE	1/1/1984	555	3	BB	T	A1	E15	E10	544	19.75	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	153.3	205093998	26.61	26.69	0.519	36.000	477	27.57	TAPE	1/1/1984	468	3	BB	T	B1	E15	E10	544	6.77	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	154	205100319	26.69	28.57	0.432	36.000	477	33.13	TAPE	1/1/1984	11019	3	BB	T	B1	E15	E10	544	15.84	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	155.3	205098686	28.57	28.61	0.500	36.000	477	28.62	TAPE	1/1/1984	237	3	BB	T	A1	E15	E10	544	11.99	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	156	205098687	28.61	28.82	0.432	36.000	477	33.13	TAPE	1/1/1984	1257	3	BB	T	A1	E15	E10	544	13.68	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	156.3	205098688	28.82	28.87	0.500	36.000	477	28.62	TAPE	1/1/1984	317	3	BB	T	A1	E15	E10	544	11.99	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	157	205114829	28.87	29.17	0.432	36.000	477	33.13	TAPE	1/1/1984	1831	3	BB	T	A1	E15	E10	544	13.68	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	157.1	205114830	29.17	29.22	0.432	36.000	477	33.13	TAPE	1/1/1984	316	3	BB	T	A5	E15	E10	544	13.42	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	157.2	205114827	29.22	29.25	0.500	36.000	477	28.62	TAPE	1/1/1984	118	3	BB	T	A5	E15	E10	544	11.99	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	157.3	205114828	29.25	29.27	0.500	36.000	477	28.62	TAPE	1/1/1984	140	3	BB	T	I1	E15	E10	544	8.30	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	158	205098820	29.27	30.17	0.432	36.000	477	33.13	TAPE	1/1/1984	5584	3	BB	T	B1	E15	E10	544	11.22	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	158.3	205098682	30.17	30.17	0.344	24.000	477	32.00	TAPE	1/1/1984	4	3	BB	T	B1	E15	E10	363	9.22	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	158.6	205098683	30.17	30.17	0.406	24.000	477	23.50	TAPE	1/1/1984	10	3	BB	T	B1	E15	E10	363	7.66	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	158.9	205098684	30.17	30.18	0.406	24.000	477	23.50	TAPE	1/1/1984	70	3	BB	T	B1	E15	E10	363	7.66	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	159.2	205098685	30.18	30.20	0.344	24.000	477	32.00	TAPE	1/1/1984	103	3	BB	T	B1	E15	E10	363	9.46	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	160	205164338	30.20	30.21	0.313	24.000	477	52.33	HAA	1/1/1956	103	3	BB	T	B1	E15	E10	363	18.63	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	160.2	205164339	30.21	31.15	0.313	24.000	477	52.33	HAA	1/1/1955	5814	3	BB	T	B1	E15	E10	363	23.50	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	160.3	205098498	31.15	31.18	0.313	24.000	477	43.61	HAA	1/1/1960	98	3	BB	T	A1	E15	E10	363	16.71	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	161	205098497	31.18	31.18	0.313	24.000	477	52.33	HAA	1/1/1955	22	3	BB	T	B1	E15	E10	363	18.09	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	161.5	205098672	31.18	31.22	0.313	24.000	477	43.61	HAA	1/1/1957	231	3	BB	T	B1	E15	E10	363	18.33	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	162	205098781	31.22	31.89	0.313	24.000	477	43.61	HAA	1/1/1955	3220	3	BB	T	I1	E15	E10	363	23.20	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	162.3	205098760	31.89	31.89	0.406	24.000	477	23.50	TAPE	1/1/1984	5	3	BB	T	I1	E15	E10	363	7.90	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	163	205098761	31.89	32.09	0.406	24.000	477	23.50	TAPE	1/1/1984	1066	3	BB	T	I1	E15	E10	363	7.90	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	163.3	205098756	32.09	32.09	0.406	24.000	477	23.50	TAPE	1/1/1984	5	3	BB	T	I1	E15	E10	363	7.90	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	163.6	205098757	32.09	32.16	0.313	24.000	477	43.61	TAPE	1/1/1955	345	3	BB	T	I1	E15	E10	363	14.73	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	163.9	205098758	32.16	32.16	0.406	24.000	477	23.50	TAPE	1/1/1984	5	3	BB	T	I1	E15	E10	363	7.90	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	165	205115871	32.16	32.39	0.406	24.000	477	23.50	TAPE	1/1/1984	1207	3	BB	T	I1	E15	E10	363	7.90	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	166.3	205115874	32.56	32.91	0.313	22.000	477	59.97	HAA	1/1/1955	1875	3	BB	T	I1	E15	E10	333	20.15	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	166.5	205098690	32.91	32.95	0.313	22.000	477	-47.97	HAA	9/29/1957	236	3	BB	T	I15	E15	E10	333	19.48	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	166.6	205098691	32.95	33.20	0.313	22.000	477	59.97	HAA	1/1/1955	264	3	BB	T	I1	E15	E10	333	14.82	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	166.9	205098692	33.20	33.20	0.375	22.000	477	33.31	TAPE	1/1/1977	3	3	BB	T	I1	E15	E10	333	10.73	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	167	205125363	33.20	33.63	0.432	36.000	477	33.13	FBE	1/1/1977	2357	3	BB	T	I1	E15	E10	544	14.73	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	167.1	205125362	33.63	33.95	0.500	36.000	477	28.62	FBE	12/20/2004	1966	3	BB	T	I1	E15	E10	544	12.65	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	167.3	205125366	33.95	34.27	0.432	36.000	477	33.13	FBE	1/1/1977	1761	3	BB	T	I1	E15	E10	544	19.74	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	168	205123650	34.27	34.28	0.500	36.000	477	28.62	FBE	7/31/2004	25	3	BB	T	I1	E15	E10	544	17.92	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	168.1	205124966	34.28	34.28	0.500	36.000	477	28.62	PC	7/31/2004	1	3	BB	T	I1	E15	E10	544	17.92	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	168.11	205124970	34.28	34.28	0.500	36.000	477	28.62	PC	9/4/2004	9	3	BB	T	I1	E15	E10	544	17.92	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	168.12	205124969	34.28	34.36	0.500	36.000	477	28.62	PC	7/31/2004	433	3	BB	T	I1	E15	E10	544	17.92	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	168.13	205123652	34.36	34.42	0.500	36.000	477	28.62	FBE	7/31/2004	374	3	BB	T	I1	E15	E10	544	17.92	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	168.14	205123654	34.42	34.44	0.500	36.000	477	28.62	FBE	7/31/2004	91	3	BB	T	I1	E15	E10	544	10.01	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015		
107	168.15	205123655	34.44	34.52	0.500	36.000	477	28.62	FBE	7/31/2004	461	3	BB	T	I1	E15	E10	544	12.65	Yes	No	No	No</									

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN		
108	125.05	205138023	12.76	12.79	0.250	16.000	408	49.45	HAA	1/1/1930	162	2	LT	T	I5	I12	E07	224	30.04	Yes	No	No	Yes	Yes	Yes	No	No	Yes	8/23/2012			
108	128.25	205164130	15.14	15.42	0.313	24.000	408	26.11	TAPE	1/1/1989	1486	3	LT	T	I6	I12		335	15.61	Yes	No	No	No	No	Yes	No	No	Yes	12/17/2012			
108	128.3	205122021	15.42	15.64	0.313	24.000	408	26.11	TAPE	1/1/1989	1204	3	LT	T	A5	I12		335	22.36	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
108	128.9	205152359	15.93	16.00	0.313	24.000	408	26.11	TAPE	1/1/1989	383	2	LT	T	I9	I12		335	11.90	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
108	129	205122023	16.00	16.27	0.313	24.000	408	26.11	TAPE	1/1/1989	1425	3	LT	T	I9	I12		335	13.86	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
108	129.17	205133822	16.53	16.66	0.313	24.000	408	26.11	TAPE	1/1/1989	648	3	LT	T	I9	I12		335	15.37	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
108	129.2	205148945	16.66	16.80	0.313	24.000	408	26.11	TAPE	1/1/1989	764	3	LT	T	I5	I12		335	12.01	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
108	129.4	205122031	17.34	17.71	0.313	24.000	408	26.11	TAPE	1/1/1989	1977	3	LT	T	A5	I12		335	15.61	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
108	129.55	205133824	18.11	18.44	0.312	24.000	408	26.15	TAPE	1/1/1989	1772	3	LT	T	I9	I12		335	16.49	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
108	129.6	205122034	18.44	19.29	0.313	24.000	408	26.11	TAPE	1/1/1989	4471	3	LT	T	B5	I12		335	14.09	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
108	130	205135067	19.29	19.40	0.313	24.000	408	26.11	TAPE	1/1/1989	571	3	LT	T	I5	I12		335	15.61	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
108	130.1	205135068	19.40	19.47	0.313	24.000	408	26.11	TAPE	1/1/1989	361	2	LT	T	I5	I12		335	12.14	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
108	130.2	205152364	16.80	16.94	0.313	24.000	408	26.11	TAPE	1/1/1989	725	3	LT	T	I5	I12		335	12.90	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
108	131.22	205152367	21.11	21.18	0.313	24.000	408	26.11	TAPE	1/1/1989	368	2	LT	T	I9	I12		335	12.14	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
108	131.43	205129415	21.18	21.36	0.313	24.000	408	26.11	TAPE	1/1/1989	965	2	LT	T	I8	I12		335	12.14	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
108	131.44	205135071	21.36	21.39	0.313	24.000	408	26.11	TAPE	1/1/1989	152	2	LT	T	I5	I12		335	11.90	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
108	131.5	205152748	21.39	21.46	0.313	24.000	408	26.11	TAPE	1/1/1989	354	3	LT	T	I5	I12		335	15.37	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
108	132.8	205122044	22.83	22.86	0.313	24.000	412	26.37	TAPE	1/1/1989	165	2	LT	T	I5	I12		337	11.91	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
108	133	205122045	22.86	24.11	0.313	24.000	412	26.37	TAPE	1/1/1989	6594	3	LT	T	I5	I12		337	13.87	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
108	133.3	205149894	24.42	25.13	0.313	24.000	412	26.37	TAPE	1/1/1989	3737	3	LT	T	B5	I12		337	15.38	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
108	133.6	205149895	25.13	27.00	0.313	24.000	412	26.37	TAPE	1/1/1989	9907	3	LT	T	B5	I12		337	13.87	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
108	134	205095608	27.00	31.00	0.313	24.000	412	26.37	TAPE	1/1/1989	21111	3	LT	T	B5	I12		337	10.50	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
108	134.3	205072894	31.00	31.02	0.313	24.000	412	26.37	TAPE	1/1/1988	89	3	LT	T	I5	I12		337	15.38	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
108	134.6	205072892	31.02	31.08	0.500	24.000	412	19.02		1/1/1988	308	3	LT	T	I5	I12		337	14.99	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
108	135	205072893	31.08	31.21	0.313	24.000	412	26.37	TAPE	1/1/1988	708	3	LT	T	I5	I12		337	15.38	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
108	136	205073020	31.21	31.94	0.313	24.000	412	26.37	TAPE	1/1/1988	3851	3	LT	T	B5	I12		337	16.86	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
108	137	205073018	31.94	32.33	0.313	24.000	412	26.37	TAPE	1/1/1988	2050	3	LT	T	B5	I12		337	13.50	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
108	138	205151226	32.33	32.71	0.313	24.000	412	26.37	TAPE	1/1/1990	1996	3	LT	T	B5	I12		337	12.02	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
108	138.1	205151227	32.71	34.26	0.313	24.000	412	26.37	TAPE	1/1/1990	8205	3	LT	T	B5	I12		337	16.27	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
108	138.2	205122050	34.26	34.70	0.313	24.000	412	26.37	TAPE	1/1/1990	2341	3	LT	T	I8	I12		337	15.38	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
108	138.3	205073014	34.70	34.72	0.500	24.000	412	19.02		1/1/1990	100	3	LT	T	I8	I12		337	14.99	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
108	139	205130543	34.72	34.78	0.313	24.000	412	26.37	TAPE	1/1/1990	312	3	LT	T	I8	I12		337	15.38	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
108	140.2	205137589	35.44	35.48	0.313	24.000	412	26.37	TAPE	1/1/1990	242	1	LT	T	I5	I12		337	5.77	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
108	140.25	205137591	35.48	35.59	0.313	24.000	412	26.37	TAPE	1/1/1990	546	3	LT	T	I5	I12		337	12.91	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
108	140.28	205137592	35.59	35.67	0.313	24.000	412	26.37	TAPE	1/1/1990	447	1	LT	T	I5	I12		337	6.66	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
108	140.7	205137593	36.96	37.01	0.313	24.000	412	26.37	TAPE	1/1/1990	285	1	LT	T	I5	E16	E09	337	8.65	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
108	140.9	205137595	37.01	37.14	0.313	24.000	412	26.37	TAPE	1/1/1990	656	3	LT	T	I5	E16	E09	337	19.71	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
108	140.95	205137596	37.14	37.17	0.313	24.000	412	26.37	TAPE	1/1/1990	154	1	LT	T	I5	E16	E09	337	8.65	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
108	146.35	205122062	39.18	39.21	0.250	16.000	412	49.94	HAA	1/1/1930	168	3	LT	T	I5	E16	E09	225	29.83	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/3/2014		
108	146.6	205088199	39.21	39.23	0.250	16.000	412	49.94	HAA	1/1/1930	100	3	LT	T	I5	E16	E09	225	29.83	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/3/2014		
108	147	205122063	39.23	39.47	0.250	16.000	412	49.94	HAA	1/1/1930	1291	3	LT	T	I5	E16	E09	225	29.83	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/3/2014		
108	154.1	205122066	42.33	42.72	0.250	16.000	412	49.94	HAA	1/1/1930	1984	3	LT	T	I5	E14	E07	225	25.97	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/23/2014		
108	163.2	205122068	48.50	48.54	0.250	16.000	412	49.94	HAA	1/1/1930	193	3	LT	T	I5	E14	E07	225	28.15	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/23/2014		
108	163.3	205094232	48.54	48.55	0.250	16.000	412	31.39	HAA	1/1/1970	88	3	LT	T	I5	E14	E07	225	18.81	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/23/2014		
108	163.6	205094235	48.55	48.63	0.250	16.000	412	49.94	HAA	1/1/1930	399	3	LT	T	I5	E14	E07	225	33.54	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/23/2014		
108	164	205094227	48.63	48.77	0.250	16.000	412	37.67	HAA	1/1/1941	721	3	LT	T	I5	E14	E07	225	26.97	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/23/2014		
108	164.3	205088158	48.77	48.83	0.250	16.000	412	31.39	HAA	1/1/1952	242	3	LT	T	I5	E14	E07	225	22.86	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	8/23/2014</		



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN		
108	187.5	205123708	67.19	67.35	0.312	20.000	412	22.01	PC	9/14/2001	1191	3	LT	T	I1	E16	E09	281	14.51	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
108	188	205123710	67.44	67.65	0.281	20.000	412	28.20	TAPE	1/1/1981	1111	3	LT	T	B1	E16	E09	281	14.40	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
108	188.3	205084771	67.65	68.00	0.375	24.000	412	21.97	TAPE	1/1/1984	1829	3	LT	T	B1	E16	E09	337	13.38	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
108	188.5	205084772	68.00	68.00	0.406	24.000	412	20.30	TAPE	1/1/1984	38	3	LT	T	I1	E16	E09	337	13.38	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
108	189	205147980	68.00	68.01	0.375	24.000	412	21.97	TAPE	1/1/1984	61	3	LT	T	B1	E16	E09	337	13.62	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
108	189.5	205147981	68.01	70.90	0.375	24.000	412	21.97	TAPE	1/1/1984	16002	3	LT	T	B1	E16	E09	337	13.62	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
108	190	205147198	70.90	70.94	0.375	24.000	412	25.35	TAPE	1/1/1978	221	3	LT	T	B1	E16	E09	337	8.15	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
108	190.5	205147199	70.94	71.04	0.375	24.000	412	25.35	TAPE	1/1/1978	514	3	LT	T	B1	E16	E09	337	8.15	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
108	191	205084691	71.04	71.58	0.313	24.000	412	30.42	TAPE	1/1/1978	3576	3	LT	T	B1	E16	E09	337	9.69	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
108	192	205084692	71.58	72.17	0.375	24.000	412	21.97	HAA	1/1/1985	4317	3	LT	T	B1	E16	E09	337	6.73	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
108	192.3	205143832	72.17	72.17	0.250	16.000	412	31.39	TAPE	1/1/1979	2	3	LT	T	I1	E16	E09	225	12.93	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
108	192.4	205143834	72.17	72.18	0.313	24.000	412	30.42	TAPE	1/1/1979	25	3	LT	T	I1	E16	E09	337	13.65	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
108	192.5	205143836	72.18	72.18	0.375	24.000	412	28.66	TAPE	1/1/1979	2	3	LT	T	I1	E16	E09	337	12.10	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
108	192.55	205143838	72.18	72.18	0.500	24.000	412	23.54	TAPE	1/1/1979	2	3	LT	T	I1	E16	E09	337	12.10	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
108	192.57	205143839	72.18	72.18	0.313	24.000	412	30.42	TAPE	1/1/1979	20	3	LT	T	I1	E16	E09	337	13.65	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
108	192.6	205084685	72.18	72.18	0.500	24.000	412	23.54	TAPE	1/1/1979	22	3	LT	T	I1	E16	E09	337	12.10	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
108	192.9	205084686	72.18	72.18	0.375	24.000	412	28.66	TAPE	1/1/1979	2	3	LT	T	I1	E16	E09	337	12.10	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
108	194	205143830	72.18	72.20	0.313	24.000	412	30.42	TAPE	1/1/1968	95	3	LT	T	B1	E16	E09	337	13.65	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
108	194.2	205143831	72.20	72.63	0.313	24.000	412	30.42	TAPE	1/1/1968	2268	3	LT	T	B1	E16	E09	337	11.17	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
108	194.3	205084688	72.63	72.68	0.375	24.000	412	28.66	TAPE	1/1/1978	273	3	LT	T	I1	E16	E09	337	8.15	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
108	194.6	205084689	72.68	72.69	0.250	24.000	412	38.03	TAPE	1/1/1978	56	3	LT	T	I1	E16	E09	337	9.69	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
108	195	205084690	72.69	73.21	0.313	24.000	412	30.42	HAA	1/1/1979	2721	3	LT	T	I1	E16	E09	337	7.80	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
108	196	205084801	73.21	73.58	0.281	16.000	412	27.93	HAA	1/1/1961	3213	3	LT	T	B1	E16	E09	225	9.64	Yes	No	No	No	Yes	Yes	Yes	No	No	Yes	12/3/2014		
108	197	205084802	73.58	74.42	0.313	24.000	412	30.42	HAA	1/1/1978	3785	3	LT	T	B1	E16	E09	337	7.91	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
108	197.3	205078603	74.42	74.47	0.375	24.000	412	31.39	HAA	1/1/1967	220	3	LT	T	B1	E16	E09	337	8.44	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
108	198	205079017	74.47	74.93	0.375	24.000	412	31.39	HAA	1/1/1967	2430	3	LT	T	B1	E16	E09	337	8.80	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
109	101	205099356	0.00	0.11	0.312	24.000	375	22.19	TAPE	1/1/1997	537	3	LT	T	I5	E16	E09	322	16.75	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016	10/22/2012	
109	101.5	205150248	0.11	0.12	0.312	24.000	375	22.19	TAPE	1/1/1997	16	3	LT	T	I5	E16	E09	322	20.09	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016	10/22/2012	
109	101.6	205150249	0.12	0.12	0.312	24.000	375	22.19	TAPE	1/1/1997	7	3	LT	T	I5	E16	E09	322	20.09	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016	10/22/2012	
109	101.8	205099926	0.12	0.13	0.312	24.000	375	22.19	TAPE	1/1/1997	26	3	LT	T	I5	E16	E09	322	20.09	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016	10/22/2012	
109	102.1	205099932	0.13	0.20	0.500	24.000	375	15.00	PC	1/1/1997	360	3	LT	T	I5	E16	E09	322	19.83	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016	10/22/2012	
109	103	205099933	0.20	0.23	0.500	24.000	375	15.00	FBE	1/1/1997	107	3	LT	T	I5	E16	E09	322	19.83	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016	10/22/2012	
109	103.3	205109518	0.23	0.26	0.500	24.000	375	15.00	TAPE	1/1/1993	171	3	LT	T	I5	E16	E09	322	19.83	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016	10/22/2012	
109	105.5	205111559	0.71	1.00	0.312	30.000	375	34.67	TAPE	1/1/1972	1479	3	LT	T	I5	E14	E07	402	25.43	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	9/29/2014	10/22/2012	
109	106	205099911	1.00	1.14	0.312	30.000	375	34.67	TAPE	1/1/1972	748	3	LT	T	I5	E16	E09	402	25.43	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016	10/22/2012	
109	106.3	205162799	1.14	1.14	0.375	24.000	375	20.00		1/1/1972	1	3	LT	T	I5	E16	E09	322	23.03	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/22/2017		
109	106.5	205099112	1.14	1.17	0.500	24.000	375	15.00		1/1/1993	235	3	LT	T	I5	E16	E09	322	9.76	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No	Yes	3/22/2016	10/22/2012	
109	107	205111556	1.17	1.86	0.375	24.000	375	20.00	TAPE	1/1/1985	3570	3	LT	T	I5	E16	E09	322	16.80	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016		
109	107.1	205114790	1.86	1.93	0.375	24.000	375	20.00	TAPE	1/1/1985	347	3	LT	T	I5	E16	E09	322	11.50	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016		
109	107.2	205111555	2.06	2.82	0.375	24.000	375	20.00	TAPE	1/1/1985	3918	3	LT	T	A5	E16	E09	322	20.30	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016		
109	107.25	205162800	2.82	2.82	0.313	22.000	375	31.43		1/1/1985	7	3	LT	T	A5	E16	E09	295	31.54	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/22/2017		
109	107.275	205162801	2.82	2.82	0.313	22.000	375	40.00	HAA	1/1/1965	-2	3	LT	T	A5	E16	E09	295	35.60	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/22/2017		
109	107.3	205098978	2.82	2.86	0.375	24.000	375	34.29	SOMA	1/1/1965	365	3	LT	T	A5	E16	E09	322	19.29	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016		
109	107.6	205098979	2.86	2.87	0.406	24.000	375	26.39	XTRUPL	1/1/1974	94	3	LT	T	A5	E16	E09	322	18.82	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016		
109	108	205111550	2.87	2.93	0.375	24.000	375	28.57	XTRUPL	1/1/1983	256	3	LT	T	A5	E16	E09	322	19.80	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016		
109	109.3	205162528	3.11	3.30	0.375	24.000	375	28.57	XTRUPL	1/1/1983	854	3	LT	T	I3	E16	E09	322	12.65	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016		
109	110	205162529	3.30	3.32	0.312	24.000	375	24.04	TAPE	1/1/1987	351	3																				

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN
109	118.3	205098837	6.00	6.01	0.313	22.000	375	50.00	HAA	1/1/1936	33	3	LT	T	B5	E14	E09	295	31.15	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes		
109	119	205098815	6.01	6.27	0.313	22.000	375	50.00	HAA	1/1/1936	1095	3	LT	T	B5	E14	E09	295	31.15	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes		
109	119.2	205098617	6.27	6.46	0.313	22.000	375	50.00	HAA	1/1/1936	720	3	LT	T	B5	E14	E09	295	32.03	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes		
109	119.4	205098843	6.46	6.47	0.375	22.000	375	31.43	TAPE	1/1/1991	28	3	LT	T	I5	E16	E09	295	12.87	Yes	No	No	No	No	Yes	Yes	No	Yes		
109	119.5	205098814	6.47	6.56	0.313	22.000	375	50.00	HAA	1/1/1936	1070	3	LT	T	I5	E14	E09	295	31.15	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes		
109	119.6	205098611	6.56	6.57	0.313	22.000	375	31.43	HAA	1/1/1960	39	3	LT	T	I5	E16	E09	295	21.79	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
109	119.7	205098612	6.57	6.57	0.375	22.000	375	26.19	TAPE	1/1/1998	18	3	LT	T	I5	E16	E09	295	10.10	Yes	No	No	No	No	Yes	Yes	No	Yes		
109	119.8	205098610	6.57	6.57	0.313	22.000	375	31.43	HAA	1/1/1960	14	3	LT	T	I5	E16	E09	295	17.14	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
109	120	205098838	6.57	6.72	0.313	22.000	375	50.00	HAA	1/1/1936	766	3	LT	T	I5	E14	E09	295	27.43	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes		
109	120.5	205109511	6.72	6.89	0.313	24.000	375	34.23	HAA	1/1/1958	893	3	LT	T	I5	E16	E09	322	18.24	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
109	120.6	205130660	6.89	6.97	0.344	24.000	375	31.15	HAA	1/1/1958	402	3	LT	T	I8	E16	E09	322	17.35	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
109	122.55	205109510	7.46	7.49	0.313	22.000	375	50.00	HAA	1/1/1936	151	3	LT	T	I5	E14	E09	295	25.34	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes		
109	122.6	205098893	7.49	7.49	0.375	22.000	375	26.19	TAPE	1/1/1998	6	3	LT	T	I5	E16	E09	295	10.10	Yes	No	No	No	No	Yes	Yes	No	Yes		
109	122.65	205109507	7.49	7.52	0.313	22.000	375	50.00	HAA	1/1/1936	164	3	LT	T	I5	E14	E09	295	25.34	Yes	No	No	No	Yes	Yes	Yes	No	Yes		
109	122.7	205109508	7.52	7.56	0.313	22.000	375	50.00	HAA	1/1/1936	247	3	LT	T	I5	E14	E09	295	25.34	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes		
109	122.8	205098889	7.56	7.57	0.375	22.000	375	26.19	TAPE	1/1/1998	12	3	LT	T	I5	E16	E09	295	10.10	Yes	No	No	No	No	Yes	Yes	No	Yes		
109	122.9	205098887	7.57	7.57	0.313	22.000	375	50.00	HAA	1/1/1936	6	3	LT	T	I5	E14	E09	295	31.15	Yes	No	No	No	Yes	Yes	Yes	No	Yes		
109	123.1	205098890	7.57	7.60	0.313	24.000	375	34.29	HAA	1/1/1960	158	3	LT	T	I5	E16	E09	322	20.12	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
109	123.5	205100346	7.60	8.36	0.313	24.000	375	34.29	HAA	1/1/1960	5073	3	LT	T	I5	E16	E09	322	18.97	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
109	124	205100347	8.36	8.72	0.344	24.000	375	31.15	HAA	1/1/1957	1917	3	LT	T	I5	E16	E09	322	22.50	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
109	125.1	205100349	8.72	8.79	0.250	24.000	375	34.62	XTRUPL	1/1/1982	339	3	LT	T	I5	E16	E09	322	10.64	Yes	No	No	No	No	Yes	Yes	No	Yes		
109	125.3	205100350	8.79	8.80	0.375	24.000	375	34.29	XTRUPL	1/1/1982	29	3	LT	T	I5	E16	E09	322	13.03	Yes	No	No	No	No	Yes	Yes	No	Yes		
109	125.5	205100351	8.80	8.81	0.375	24.000	375	34.29	PAINT	1/1/1982	55	3	LT	T	I5	E16	E09	322	12.67	Yes	No	No	No	No	Yes	Yes	No	Yes		
109	125.7	205100352	8.81	8.82	0.375	24.000	375	34.29	XTRUPL	1/1/1982	37	3	LT	T	I5	E16	E09	322	10.64	Yes	No	No	No	No	Yes	Yes	No	Yes		
109	125.9	205100353	8.82	8.89	0.250	24.000	375	34.62	XTRUPL	1/1/1982	314	3	LT	T	I5	E16	E09	322	11.53	Yes	No	No	No	No	Yes	Yes	No	Yes		
109	126	205162807	8.89	8.89	0.312	24.000	375	24.04	TAPE	1/1/1986	10	3	LT	T	I5	E16	E09	322	13.35	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
109	127	205100339	8.89	8.91	0.375	24.000	375	20.00	TAPE	1/1/1986	211	3	LT	T	I5	E16	E09	322	9.11	Yes	No	No	No	No	Yes	Yes	No	Yes		
109	127.1	205100354	8.91	8.91	0.312	24.000	375	24.04	FBE	6/26/2003	9	3	LT	T	I5	E16	E09	322	7.63	Yes	No	No	No	No	Yes	Yes	No	Yes		
109	127.2	205100357	8.91	8.99	0.312	24.000	375	24.04	FBE	6/26/2003	508	3	LT	T	I5	E16	E09	322	7.63	Yes	No	No	No	No	Yes	Yes	No	Yes		
109	127.3	205100358	8.99	8.99	0.312	24.000	375	24.04	FBE	6/26/2003	7	3	LT	T	I5	E16	E09	322	10.02	Yes	No	No	No	No	Yes	Yes	No	Yes		
109	127.4	205100356	8.99	9.27	0.375	24.000	375	20.00	TAPE	1/1/1986	2590	3	LT	T	I5	E16	E09	322	11.99	Yes	No	No	No	No	Yes	Yes	No	Yes		
109	127.45	205162808	9.27	9.27	0.375	22.000	375	21.15	TAPE	1/1/1986	4	3	LT	T	I5	E16	E09	295	15.54	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
109	127.5	205100341	9.27	9.29	0.313	22.000	375	31.43	HAA	1/1/1965	111	3	LT	T	I5	E16	E09	295	18.29	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
109	127.7	205100340	9.29	9.29	0.375	22.000	375	26.19	TAPE	1/1/1998	18	3	LT	T	I5	E16	E09	295	10.10	Yes	No	No	No	No	Yes	Yes	No	Yes		
109	128.1	205100343	9.29	9.30	0.313	22.000	375	50.00	HAA	1/1/1936	71	3	LT	T	I5	E14	E09	295	24.20	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes		
109	128.3	205100344	9.30	9.30	0.375	22.000	375	26.19	TAPE	1/1/1998	6	3	LT	T	I5	E16	E09	295	10.10	Yes	No	No	No	No	Yes	Yes	No	Yes		
109	128.6	205100348	9.30	9.71	0.313	22.000	375	50.00	HAA	1/1/1936	2069	3	LT	T	I5	E14	E09	295	24.20	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes		
109	128.7	205099971	9.71	9.72	0.313	22.000	375	31.43	HAA	1/1/1965	11	3	LT	T	I5	E16	E09	295	13.64	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
109	129	205099972	9.72	9.87	0.313	22.000	375	50.00	HAA	1/1/1936	775	3	LT	T	I5	E14	E09	295	21.84	Yes	No	No	No	Yes	Yes	Yes	No	Yes		
109	129.2	205099976	9.87	9.87	0.375	22.000	375	26.19	TAPE	1/1/1998	18	3	LT	T	B5	E16	E09	295	7.75	Yes	No	No	No	No	Yes	Yes	No	Yes		
109	129.3	205099974	9.87	9.88	0.313	22.000	375	31.43	HAA	1/1/1965	67	3	LT	T	B5	E16	E09	295	12.48	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
109	130.1	205099984	9.88	9.89	0.375	22.000	375	26.19	TAPE	1/1/1998	79	3	LT	T	B5	E16	E09	295	9.89	Yes	No	No	No	No	Yes	Yes	No	Yes		
109	130.2	205153156	9.89	9.89	0.375	24.000	375	20.00	TAPE	1/1/1998	8	3	LT	T	B5	E16	E09	322	10.02	Yes	No	No	No	No	Yes	Yes	No	Yes		
109	130.23	205153157	9.89	9.90	0.375	24.000	375	20.00	TAPE	1/1/1998	9	3	LT	T	B5	E16	E09	322	10.02	Yes	No	No	No	No	Yes	Yes	No	Yes		
109	130.25	205153153	9.90	9.90	0.375	24.000	375	20.00	TAPE	1/1/1998	10	3	LT	T	B5	E16	E09	322	10.02	Yes	No	No	No	No	Yes	Yes	No	Yes		
109	130.3	205153154	9.90	9.90	0.312	24.000	375	24.04	TAPE	1/1/1998	1	3	LT	T	B5	E16	E09	322	10.02	Yes	No	No	No	No	Yes	Yes	No	Yes		
109	130.35	205153155	9.90	9.98	0.312	24.000	375	24.04	TAPE	1/1/1998	467	3	LT	T	B5	E16	E09	322	10.02	Yes	No	No	No	No	Yes	Yes	No	Yes		
109	130.4	205099979	9.98	9.98	0.375	30.000	375	25.00	TAPE	1/1/1998	4	3	LT	T	A5	E16	E09	402	10.40	Yes	No	No	No	No	Yes	Yes	No	Yes		
109	130.6	205099978	9.98	10.01	0.313	30.000	375	34.62	TAPE	1/1/1969	119	3	LT	T	A5	E16	E09	402	14.98	Yes	No	No	No	No	Yes	Yes	No	Yes		
109	130.8	205162809	10.01	10.01	0.312	30.000	375	-43.34			15	3	LT	T	A5	E16	E09	402	28.67	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes		
109	131	205099989	10.01	10.15	0.313	34.000	375	39.23	TAPE	1/1/1973	804	3	LT	T	A5	E16	E09	455	16.28	Yes	No	No	No	No	Yes	Yes	No	Yes		

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EQ PLAN	IC PLAN	SCC PLAN
109	135.6	205148809	13.65	13.65	0.375	20.000	375	28.57	TAPE	1/1/1981	3	3	LT	T	I5	E16	E09	268	8.81	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	135.65	205148810	13.65	13.65	0.375	20.000	375	28.57	TAPE	1/1/1981	3	3	LT	T	I5	E16	E09	268	8.81	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	135.7	205102832	13.65	13.66	0.250	24.000	375	42.88	TAPE	1/1/1981	43	3	LT	T	I5	E16	E09	322	12.11	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	136.11	205102794	13.66	13.66	0.313	22.000	375	50.00	HAA	1/1/1936	2	3	LT	T	I5	E14	E09	295	22.25	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	1/11/2014	
109	136.13	205102831	13.66	13.67	0.375	22.000	375	26.19	TAPE	1/1/1996	33	3	LT	T	I5	E16	E09	295	7.54	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	136.15	205102793	13.67	13.69	0.313	22.000	375	50.00	HAA	1/1/1936	147	3	LT	T	I5	E14	E09	295	22.25	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	1/11/2014	
109	136.18	205102811	13.69	13.69	0.375	22.000	375	26.19	TAPE	1/1/1996	6	3	LT	T	I5	E16	E09	295	7.54	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	136.24	205102812	13.69	13.71	0.313	22.000	375	50.00	HAA	1/1/1936	110	3	LT	T	I5	E14	E09	295	22.25	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	1/11/2014	
109	136.27	205102795	13.71	13.72	0.375	22.000	375	26.19	TAPE	1/1/1996	36	3	LT	T	I5	E16	E09	295	7.54	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	136.32	205102796	13.72	13.74	0.313	22.000	375	50.00	HAA	1/1/1936	86	3	LT	T	I5	E14	E09	295	22.25	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	1/11/2014	
109	136.35	205102813	13.74	13.74	0.375	22.000	375	26.19	TAPE	1/1/1996	8	3	LT	T	I5	E16	E09	295	7.54	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	136.38	205102814	13.74	13.76	0.313	22.000	375	50.00	HAA	1/1/1936	104	3	LT	T	I5	E14	E09	295	22.25	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	1/11/2014	
109	136.44	205102797	13.76	13.76	0.375	22.000	375	26.19	TAPE	1/1/1996	7	3	LT	T	I5	E16	E09	295	9.89	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	136.47	205102815	13.76	13.80	0.313	22.000	375	50.00	HAA	1/1/1936	204	3	LT	T	I5	E14	E09	295	24.60	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	1/11/2014	
109	136.52	205102798	13.80	13.80	0.375	22.000	375	26.19	TAPE	1/1/1996	7	3	LT	T	I5	E16	E09	295	9.89	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	136.55	205102799	13.80	13.82	0.313	22.000	375	50.00	HAA	1/1/1936	90	3	LT	T	I5	E14	E09	295	24.60	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	1/11/2014	
109	136.58	205102800	13.82	13.82	0.375	22.000	375	26.19	TAPE	1/1/1996	9	3	LT	T	I5	E16	E09	295	9.89	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	136.62	205102801	13.82	13.86	0.313	22.000	375	50.00	HAA	1/1/1936	228	3	LT	T	I5	E14	E09	295	24.60	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	1/11/2014	
109	136.65	205102803	13.86	13.86	0.375	22.000	375	26.19	TAPE	1/1/1996	6	3	LT	T	I5	E16	E09	295	9.89	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	136.67	205102802	13.86	13.89	0.313	22.000	375	50.00	HAA	1/1/1936	142	3	LT	T	I5	E14	E09	295	24.60	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	1/11/2014	
109	136.72	205102804	13.89	13.89	0.375	22.000	375	26.19	TAPE	1/1/1996	9	3	LT	T	I5	E16	E09	295	9.89	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	136.75	205102805	13.89	13.90	0.313	22.000	375	50.00	HAA	1/1/1936	54	3	LT	T	I5	E14	E09	295	24.60	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	1/11/2014	
109	136.77	205102806	13.90	13.90	0.375	22.000	375	26.19	TAPE	1/1/1996	8	3	LT	T	I5	E16	E09	295	9.89	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	136.82	205102807	13.90	13.92	0.313	22.000	375	50.00	HAA	1/1/1936	82	3	LT	T	I5	E14	E09	295	24.60	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	1/11/2014	
109	136.85	205102808	13.92	13.92	0.375	22.000	375	26.19	TAPE	1/1/1996	8	3	LT	T	I5	E16	E09	295	9.89	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	136.86	205102816	13.92	13.93	0.313	22.000	375	50.00	HAA	1/1/1936	24	3	LT	T	I5	E14	E09	295	24.60	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	1/11/2014	
109	136.88	205102817	13.93	13.93	0.375	22.000	375	26.19	TAPE	1/1/1996	5	3	LT	T	I5	E16	E09	295	9.89	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	136.92	205102809	13.93	13.95	0.313	22.000	375	50.00	HAA	1/1/1936	80	3	LT	T	I5	E14	E09	295	24.60	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	1/11/2014	
109	136.95	205102810	13.95	13.95	0.375	22.000	375	26.19	TAPE	1/1/1996	22	3	LT	T	I5	E16	E09	295	9.89	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	136.96	205102836	13.95	13.99	0.313	22.000	375	50.00	HAA	1/1/1936	236	3	LT	T	I5	E14	E09	295	30.42	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	1/11/2014	
109	136.97	205112925	13.99	14.67	0.313	22.000	375	50.00	HAA	1/1/1936	3561	3	LT	T	I5	E14	E09	295	42.69	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	1/11/2014	
109	137.5	205112922	16.01	16.19	0.313	22.000	375	50.00	HAA	1/1/1936	934	3	LT	T	I5	E14	E09	295	50.58	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	1/11/2014	
109	137.86	205114231	16.33	16.55	0.313	22.000	375	50.00	HAA	1/1/1936	1137	3	LT	T	I5	E14	E09	295	44.82	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	1/11/2014	
109	137.88	205112916	16.55	16.80	0.313	22.000	375	50.00	HAA	1/1/1936	1296	3	LT	T	I5	E14	E09	295	44.03	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	1/11/2014	
109	139	205153194	17.01	17.07	0.313	22.000	375	50.00	HAA	1/1/1936	293	3	LT	T	I5	E14	E09	295	43.68	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	1/11/2014	
109	139.2	205153195	17.07	17.26	0.313	22.000	375	50.00	HAA	1/1/1936	1014	3	LT	T	I5	E14	E09	295	43.68	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	1/11/2014	
109	139.3	205153644	17.26	17.39	0.313	22.000	375	50.00	HAA	1/1/1936	721	3	LT	T	I5	E14	E09	295	33.97	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	1/11/2014	
109	139.6	205153645	17.39	17.40	0.313	22.000	375	50.00	HAA	1/1/1936	32	3	LT	T	I5	E14	E09	295	31.87	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	1/11/2014	
109	140	205102725	17.40	17.51	0.344	24.000	375	31.15	HAA	1/1/1959	598	3	LT	T	I5	E16	E09	322	22.50	Yes	No	No	Yes	No	Yes	Yes	No	Yes	3/22/2016	
109	140.3	205102726	17.51	17.59	0.313	22.000	375	50.00	HAA	1/1/1936	429	3	LT	T	I5	E14	E09	295	33.97	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	1/11/2014	
109	141	205102727	17.59	17.77	0.312	24.000	375	41.21	HAA	1/1/1959	951	3	LT	T	I5	E16	E09	322	25.74	Yes	No	No	Yes	No	Yes	Yes	No	Yes	3/22/2016	
109	141.3	205102728	17.77	17.77	0.312	24.000	375	34.34	TAPE	1/1/1969	26	3	LT	T	I5	E16	E09	322	14.43	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016	
109	142	205102729	17.77	17.98	0.375	30.000	375	28.85	TAPE	1/1/1969	1080	3	LT	T	I5	E16	E09	402	18.95	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016	
109	142.1	205103039	17.98	17.98	0.312	24.000	375	34.34	HAA	1/1/1969	3	3	LT	T	I5	E16	E09	322	22.27	Yes	No	No	Yes	No	Yes	Yes	No	Yes	3/22/2016	
109	142.3	205137405	17.98	17.98	0.313	22.000	375	40.00	HAA	1/1/1969	3	3	LT	T	I5	E16	E09	295	28.38	Yes	No	No	Yes	No	Yes	Yes	No	Yes	3/22/2016	
109	142.4	205137406	17.98	18.00	0.313	22.000	375	50.00	HAA	1/1/1936	106	3	LT	T	I5	E14	E09	295	38.68	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	1/11/2014	
109	142.5	205102731	18.00	18.06	0.313	22.000	375	50.00	HAA	1/1/1936	288	3	LT	T	I5	E14	E09	295	38.68	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	1/11/2014	
109	142.7	205103038	18.06	18.11	0.313	22.000	375	50.00	HAA	1/1/1936	300	3	LT	T	I5	E14	E09	295	36.59	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	1/11/2014	
109	143	205103037	18.11	18.34	0.313	22.000	375	50.00	HAA	1/1/1936	1229	3	LT	T	I5	E14	E09	295	38.68	Yes	No									

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMV'S MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HGA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	RS THREAT	EQ PLAN	IC PLAN	SCC PLAN	
109	173.2	205163589	31.66	31.66	0.313	22.000	37.5	50.00	HAA	1/1/1936	152	3	LT	T	15	E15	E10	285	33.97	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/16/2015		
109	173.5	205145483	31.68	31.76	0.313	22.000	37.5	50.00	HAA	1/1/1936	402	3	LT	T	19	E15	E10	285	33.97	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/16/2015		
109	173.8	205162382	31.76	31.76	-0.312	22.000	37.5	-37.77	HAA	1/1/1967	3	3	LT	T	19	E15	E10	285	23.09	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/16/2015		
109	174.5	205145460	31.76	31.93	0.313	30.000	37.5	34.62	HAA	1/1/1967	921	3	LT	T	19	E15	E10	402	14.79	Yes	No	No	No	No	Yes	Yes	No	Yes	12/16/2015		
109	174.6	205137662	32.37	32.41	0.313	30.000	37.5	34.62	HAA	1/1/1967	226	3	LT	T	15	E14	E07	402	13.88	Yes	No	No	No	No	Yes	Yes	No	Yes	9/29/2014		
109	175	205113763	32.41	32.60	0.313	22.000	37.5	50.00	HAA	1/1/1936	1003	3	LT	T	15	E15	E10	285	33.97	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/16/2015		
109	175.5	205128893	32.60	32.77	0.313	22.000	37.5	50.00	HAA	1/1/1936	899	3	LT	T	18	E15	E10	285	33.97	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/16/2015		
109	177.2	205115111	33.43	34.05	0.313	24.000	37.5	24.00	XTRUPL	1/1/1992	3281	3	LT	T	15	E15	E10	285	10.02	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	177.25	205118324	34.05	34.07	0.313	24.000	37.5	24.00	XTRUPL	1/1/1992	148	3	LT	T	15	E15	E10	285	10.02	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	181.1	205118335	36.43	36.51	0.312	30.000	37.5	28.85	HAA	1/1/1964	377	3	LT	T	15	E16	E09	402	11.80	Yes	No	No	No	No	Yes	Yes	No	Yes	9/29/2014		
109	181.3	205115118	36.51	36.67	0.312	30.000	37.5	28.85	HAA	1/1/1964	874	3	LT	T	15	E16	E09	402	16.42	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	182	205113765	36.67	36.73	0.312	30.000	37.5	42.93	HAA	1/1/1964	332	3	LT	T	15	E16	E09	402	19.36	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	182.2	205118121	36.73	36.82	0.312	30.000	37.5	42.93	HAA	1/1/1964	437	3	LT	T	15	E16	E09	402	14.73	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	182.3	205102506	36.95	37.00	0.312	30.000	37.5	28.85	HAA	1/1/1964	264	3	LT	T	15	E16	E09	402	11.80	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	182.3	205102506	36.95	37.00	0.312	30.000	37.5	28.85	HAA	1/1/1964	264	3	LT	T	15	E16	E09	402	11.80	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	183	205113767	37.00	37.07	0.312	30.000	37.5	28.85	HAA	1/1/1964	361	3	LT	T	15	E16	E09	402	11.80	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	183.5	205113768	37.07	37.22	0.312	30.000	37.5	28.85	HAA	1/1/1964	824	3	LT	T	15	E16	E09	402	11.80	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	184.1	205102508	37.22	37.22	0.312	24.000	37.5	24.00	TAPE	1/1/1995	4	3	LT	T	15	E16	E09	322	10.02	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	184.2	205102511	37.22	37.23	0.312	24.000	37.5	24.00	TAPE	1/1/1995	20	3	LT	T	15	E16	E09	322	10.02	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	184.3	205102512	37.23	37.23	0.500	24.000	37.5	15.00	TAPE	1/1/1995	27	3	LT	T	15	E16	E09	322	9.76	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	184.4	205163222	37.23	37.23	0.500	24.000	37.5	15.00	TAPE	1/1/1995	17	3	LT	T	15	E16	E09	322	9.76	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	184.5	205163223	37.23	37.23	0.500	24.000	37.5	15.00	TAPE	1/1/1995	11	3	LT	T	15	E16	E09	322	9.76	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	184.5	205102515	37.23	37.30	0.500	24.000	37.5	15.00	TAPE	1/1/1995	1208	3	LT	T	15	E16	E09	322	9.76	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	184.6	205102513	37.30	37.50	0.312	24.000	37.5	24.04	TAPE	1/1/1995	1503	3	LT	T	15	E16	E09	322	10.02	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	184.7	205101861	37.50	37.78	0.500	24.000	37.5	24.00	TAPE	1/1/1995	127	3	LT	T	15	E16	E09	322	10.02	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	184.8	205101849	37.78	37.88	0.500	24.000	37.5	15.00	TAPE	1/1/1995	503	3	LT	T	15	E16	E09	322	9.76	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	184.9	205101860	37.88	38.22	0.312	24.000	37.5	24.04	TAPE	1/1/1995	2712	3	LT	T	15	E16	E09	322	10.02	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	185	20513769	38.22	38.32	0.312	24.000	37.5	24.04	TAPE	1/1/1995	2501	3	LT	T	15	E16	E09	322	10.02	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	185.07	20513772	38.35	38.36	0.312	24.000	37.5	24.04	TAPE	1/1/1995	331	3	LT	T	15	E16	E09	322	10.02	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	185.1	205101845	38.36	38.86	0.312	24.000	37.5	24.04	TAPE	1/1/1995	2582	3	LT	T	15	E16	E09	322	14.79	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	185.2	205101846	38.86	38.92	0.313	24.000	37.5	24.00	TAPE	1/1/1995	67	3	LT	T	15	E16	E09	322	14.79	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	185.3	205163212	38.92	38.94	0.313	24.000	37.5	24.00	TAPE	1/1/1994	120	3	LT	T	15	E16	E09	322	14.79	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	185.31	205163213	38.94	39.38	0.313	24.000	37.5	24.00	TAPE	1/1/1994	331	3	LT	T	15	E16	E09	322	14.79	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	185.35	205163250	39.38	39.44	0.313	24.000	37.5	24.00	TAPE	1/1/1994	369	3	LT	T	18	E16	E09	322	14.79	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	185.37	20513776	40.01	40.32	0.312	24.000	37.5	24.04	TAPE	1/1/1994	2298	3	LT	T	15	E16	E09	322	14.79	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	185.4	205101901	40.32	40.77	0.312	24.000	37.5	24.04	TAPE	1/1/1995	5361	3	LT	T	15	E16	E09	322	10.02	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	185.5	205101907	40.77	41.13	0.312	24.000	37.5	24.04	TAPE	1/1/1992	1946	3	LT	T	15	E16	E09	322	10.02	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	185.62	205101909	41.13	41.13	0.312	24.000	37.5	24.04	FBE	5/1/2000	14	3	LT	T	15	E16	E09	322	7.63	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	185.64	205101908	41.13	41.17	0.312	24.000	37.5	24.04	TAPE	1/1/1992	104	3	LT	T	15	E16	E09	322	10.02	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	185.65	205113777	41.17	41.30	0.312	24.000	37.5	24.04	TAPE	1/1/1995	706	3	LT	T	15	E16	E09	322	10.02	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	185.67	20513779	41.30	41.36	0.312	24.000	37.5	24.04	TAPE	1/1/1995	316	3	LT	T	19	E15	E10	322	10.02	Yes	No	No	No	No	Yes	Yes	No	Yes	12/16/2015		
109	185.68	20513780	41.36	41.61	0.312	24.000	37.5	24.04	TAPE	1/1/1995	1297	3	LT	T	15	E16	E09	322	10.02	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	185.7	205163224	41.61	41.61	0.312	24.000	37.5	24.04	TAPE	1/1/1995	8	3	LT	T	15	E16	E09	322	10.02	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	185.75	205163225	41.61	41.61	0.312	24.000	37.5	24.04	TAPE	1/1/1995	11	3	LT	T	15	E16	E09	322	10.02	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	185.8	205101903	41.61	41.61	0.312	24.000	37.5	24.04	TAPE	1/1/1995	12	3	LT	T	15	E16	E09	322	10.23	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	185.9	205101902	41.61	41.62	0.312	24.000	37.5	24.04	TAPE	1/1/1995	14	3	LT	T	15	E16	E09	322	10.23	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	186.1	205101900	41.62	41.62	0.375	30.000	37.5	25.00	TAPE	1/1/1995	4	3	LT	T	15	E16	E09	402	10.62	Yes	No	No	No	No	Yes	Yes	No	Yes	3/22/2016		
109	186.2	205101898	41.62	4																											



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN
109	191.7	205101197	43.49	43.50	0.313	30.000	145	16.57	HAA	1/1/1965	60	3	LT	T	I5	E16	E09	250	7.12	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	191.9	205101198	43.50	43.56	0.313	24.000	145	9.28	TAPE	1/1/1991	403	3	LT	T	I5	E16	E09	200	6.95	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	193	205101199	43.56	43.96	0.313	24.000	145	9.28	TAPE	1/1/1992	2145	3	LT	T	I5	E16	E09	200	13.70	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	194	205113781	43.96	44.21	0.313	30.000	145	16.57	HAA	1/1/1965	1377	3	LT	T	I5	E16	E09	250	19.67	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	194.25	205113784	44.43	45.00	0.313	30.000	145	16.57	HAA	1/1/1965	3181	3	LT	T	B5	E16	E09	250	20.52	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	195.4	205101778	45.16	45.22	0.313	30.000	145	16.57	HAA	1/1/1965	312	3	LT	T	I5	E16	E09	250	20.52	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	195.5	205101780	45.22	45.24	0.313	24.000	145	9.28	TAPE	1/1/1993	126	3	LT	T	I5	E16	E09	200	13.70	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	195.7	205101754	45.24	45.25	0.313	26.000	145	14.36	HAA	1/1/1964	45	3	LT	T	B5	E16	E09	217	14.42	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	196	205101783	45.25	45.77	0.313	24.000	145	9.28	TAPE	1/1/1993	2761	3	LT	T	B5	E16	E09	200	13.70	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	196.3	205101755	45.77	45.77	0.562	34.000	145	7.31	TAPE	1/1/1994	5	3	LT	T	B5	E16	E09	283	8.23	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	196.6	205101756	45.77	45.80	0.344	34.000	145	13.78	TAPE	1/1/1979	313	3	LT	T	B5	E16	E09	283	12.29	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	196.9	205101757	45.80	45.80	0.562	34.000	145	7.31	TAPE	1/1/1994	6	3	LT	T	B5	E16	E09	283	8.23	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	197.2	205101758	45.80	45.80	0.406	26.000	145	8.93	TAPE	1/1/1994	102	3	LT	T	B5	E16	E09	217	9.27	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	197.5	205101759	45.80	45.82	0.313	26.000	145	14.36	HAA	1/1/1964	298	3	LT	T	B5	E16	E09	217	14.81	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	197.8	205101760	45.82	45.83	0.344	34.000	145	13.78	TAPE	1/1/1979	233	3	LT	T	B5	E16	E09	283	12.29	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	198.1	205101784	45.83	45.84	0.375	26.000	145	11.97	HAA	1/1/1966	232	3	LT	T	B5	E16	E09	217	17.50	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	199	205101785	45.84	46.00	0.344	34.000	145	13.78	TAPE	1/1/1979	1135	3	LT	T	B5	E16	E09	283	12.29	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	199.3	205101761	46.00	46.00	0.344	26.000	145	10.54	TAPE	4/26/1979	5	3	LT	T	B5	E16	E09	217	11.90	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	199.6	205101762	46.00	46.00	0.375	26.000	145	8.38	FBE	1/1/1995	7	3	LT	T	B5	E16	E09	217	9.27	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	199.9	205101763	46.00	46.02	0.375	26.000	145	8.38	FBE	1/1/1995	11	3	LT	T	B5	E16	E09	217	9.27	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	201	205101764	46.02	46.13	0.313	26.000	145	22.85	HAA	1/1/1932	580	3	LT	T	B5	E16	E09	217	18.82	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	3/22/2016
109	201.3	205101765	46.13	46.13	0.375	26.000	145	8.38	FBE	1/1/1995	6	3	LT	T	B5	E16	E09	217	9.27	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	202	205101766	46.13	46.23	0.313	26.000	145	22.85	HAA	1/1/1932	554	3	LT	T	B5	E16	E09	217	18.82	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	3/22/2016
109	202.3	205101767	46.23	46.23	0.375	26.000	145	8.38	TAPE	1/1/1995	2	3	LT	T	B5	E16	E09	217	9.27	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	202.6	205101768	46.23	46.23	0.344	26.000	145	9.13	FBE	1/1/1995	6	3	LT	T	B5	E16	E09	217	9.27	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	202.9	205101769	46.23	46.23	0.406	26.000	145	8.93	TAPE	1/1/1994	3	3	LT	T	B5	E16	E09	217	9.27	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	203.2	205101770	46.23	46.30	0.313	26.000	145	22.85	HAA	1/1/1932	351	3	LT	T	B5	E16	E09	217	18.82	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	3/22/2016
109	203.5	205101771	46.30	46.30	0.375	26.000	145	8.38	FBE	1/1/1995	7	3	LT	T	B5	E16	E09	217	9.27	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	203.8	205101772	46.30	46.30	0.406	26.000	145	8.93	FBE	1/1/1994	19	3	LT	T	B5	E16	E09	217	9.27	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	204.1	205101773	46.30	46.30	0.406	26.000	145	8.93	FBE	1/1/1995	8	3	LT	T	B5	E16	E09	217	9.27	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	204.4	205101774	46.30	46.36	0.344	26.000	145	9.13	FBE	1/1/1995	7	3	LT	T	B5	E16	E09	217	9.27	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	204.7	205101775	46.36	46.45	0.313	26.000	145	22.85	HAA	1/1/1932	482	3	LT	T	B5	E16	E09	217	18.82	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	3/22/2016
109	206	205101532	46.45	46.55	0.281	26.000	145	25.41	HAA	1/1/1932	513	3	LT	T	B5	E16	E09	217	17.70	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	3/22/2016
109	206.3	205101514	46.55	46.55	0.375	26.000	145	8.38	FBE	1/1/1995	13	3	LT	T	B5	E16	E09	217	9.27	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	206.6	205101515	46.55	46.57	0.281	26.000	145	25.41	HAA	1/1/1932	124	3	LT	T	B5	E16	E09	217	17.70	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	3/22/2016
109	206.9	205101516	46.57	46.58	0.375	26.000	145	8.38	FBE	1/1/1995	34	3	LT	T	B5	E16	E09	217	9.27	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	208	205101517	46.58	46.69	0.281	26.000	145	25.41	HAA	1/1/1932	596	3	LT	T	B5	E16	E09	217	17.70	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	3/22/2016
109	208.3	205101511	46.69	46.70	0.344	26.000	145	9.13	FBE	1/1/1995	30	3	LT	T	B5	E16	E09	217	9.27	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	208.6	205101512	46.70	46.75	0.281	26.000	145	25.41	HAA	1/1/1932	227	3	LT	T	B5	E16	E09	217	17.86	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	3/22/2016
109	208.9	205101513	46.75	46.76	0.375	26.000	145	8.38	FBE	1/1/1995	43	3	LT	T	B5	E16	E09	217	9.27	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	209.2	205101520	46.76	46.76	0.375	26.000	145	8.38	FBE	1/1/1995	22	3	LT	T	B5	E16	E09	217	9.27	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	210	205101519	46.76	46.90	0.281	26.000	145	25.41	HAA	1/1/1932	811	3	LT	T	B5	E16	E09	217	17.86	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	3/22/2016
109	210.3	205101500	46.90	46.90	0.375	26.000	145	8.38	FBE	1/1/1995	9	3	LT	T	B5	E16	E09	217	9.27	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	210.6	205101501	46.90	47.00	0.281	26.000	145	25.41	HAA	1/1/1932	480	3	LT	T	B5	E16	E09	217	18.82	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	3/22/2016
109	210.9	205101502	47.00	47.00	0.281	26.000	145	25.41	HAA	1/1/1932	6	3	LT	T	B5	E16	E09	217	17.70	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	3/22/2016
109	211.2	205101503	47.00	47.00	0.375	26.000	145	8.38	FBE	1/1/1995	10	3	LT	T	B5	E16	E09	217	9.27	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	211.5	205101504	47.00	47.00	0.375	26.000	145	8.38	FBE	1/1/1995	6	3	LT	T	B5	E16	E09	217	9.27	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	211.8	205101505	47.00	47.00	0.375	26.000	145	8.38	FBE	1/1/1995	4	3	LT	T	B5	E16	E09	217	9.27	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016
109	212.1	205101506	47.00	47.01	0.313	26.																								

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONSTR THREAT	TP THREAT	IO THREAT	RS THREAT	EC PLAN	IC PLAN	SCC PLAN
109	218.2	205101492	47.56	47.56	0.313	24.000	145	9.28	FBE	1/1/1995	6	3	LT	T	A5	E16	E09	200	9.20	Yes	No	No	No	Yes	Yes	3/22/2016	3/22/2016		
109	218.3	205101485	47.56	47.56	0.344	26.000	145	9.13	FBE	1/1/1995	5	3	LT	T	A5	E16	E09	217	9.27	Yes	No	No	No	Yes	Yes	3/22/2016	3/22/2016		
109	218.9	205101486	47.56	47.63	0.313	26.000	145	22.86	HAA	1/1/1992	380	3	LT	T	A5	E16	E09	217	18.82	Yes	No	No	Yes	Yes	3/22/2016	3/22/2016			
109	219.2	205073642	47.63	47.63	0.375	26.000	145	8.38	FBE	1/1/1995	3	3	LT	T	A5	E16	E09	217	9.27	Yes	No	No	Yes	Yes	3/22/2016	3/22/2016			
109	219.5	205073643	47.63	47.69	0.313	26.000	145	22.85	HAA	1/1/1992	332	3	LT	T	A5	E16	E09	217	18.82	Yes	No	No	Yes	Yes	3/22/2016	3/22/2016			
109	219.8	205073644	47.69	47.69	0.375	26.000	145	8.38	FBE	1/1/1995	8	3	LT	T	A5	E16	E09	217	9.27	Yes	No	No	No	Yes	Yes	3/22/2016	3/22/2016		
109	221.1	205073645	47.69	47.83	0.313	26.000	145	22.86	HAA	1/1/1992	733	3	LT	T	B5	E16	E09	217	18.82	Yes	No	No	Yes	Yes	3/22/2016	3/22/2016			
109	221.3	205073690	47.83	47.83	0.375	26.000	145	8.38	FBE	1/1/1995	7	3	LT	T	A5	E16	E09	217	9.27	Yes	No	No	No	Yes	Yes	3/22/2016	3/22/2016		
109	222	205073691	47.83	48.02	0.313	26.000	145	22.86	HAA	1/1/1992	999	3	LT	T	A5	E16	E09	217	18.82	Yes	No	No	Yes	Yes	3/22/2016	3/22/2016			
109	222.3	205073674	48.02	48.02	0.375	26.000	145	8.38	FBE	1/1/1995	6	3	LT	T	A5	E16	E09	217	9.27	Yes	No	No	No	Yes	Yes	3/22/2016	3/22/2016		
109	222.6	205073675	48.11	48.11	0.313	26.000	145	22.86	HAA	1/1/1992	487	3	LT	T	A5	E16	E09	217	18.82	Yes	No	No	Yes	Yes	3/22/2016	3/22/2016			
109	222.8	205073676	48.11	48.11	0.375	26.000	145	8.38	FBE	1/1/1995	5	3	LT	T	A5	E16	E09	217	9.27	Yes	No	No	No	Yes	Yes	3/22/2016	3/22/2016		
109	223.2	205073697	48.11	48.18	0.313	26.000	145	22.86	HAA	1/1/1992	370	3	LT	T	A5	E16	E09	217	18.82	Yes	No	No	Yes	Yes	3/22/2016	3/22/2016			
109	223.5	205073677	48.18	48.18	0.375	26.000	145	8.38	FBE	1/1/1995	21	3	LT	T	B5	E16	E09	217	9.27	Yes	No	No	Yes	Yes	3/22/2016	3/22/2016			
109	223.6	205073683	48.18	48.19	0.375	26.000	145	8.38	FBE	1/1/1995	35	3	LT	T	B5	E16	E09	217	9.27	Yes	No	No	No	Yes	Yes	3/22/2016	3/22/2016		
109	223.8	205073678	48.19	48.19	0.375	26.000	145	8.38	FBE	1/1/1995	3	3	LT	T	B5	E16	E09	217	9.27	Yes	No	No	No	Yes	Yes	3/22/2016	3/22/2016		
109	224.1	205073679	48.19	48.19	0.313	26.000	145	14.36	HAA	1/1/1960	12	3	LT	T	B5	E16	E09	217	17.50	Yes	No	No	Yes	Yes	3/22/2016	3/22/2016			
109	224.2	205163284	48.19	48.19	0.313	24.000	145	13.26	HAA	1/1/1960	8	3	LT	T	B5	E16	E09	200	17.36	Yes	No	No	Yes	Yes	3/22/2016	3/22/2016			
109	224.4	205163285	48.19	48.20	0.313	24.000	145	13.26	HAA	1/1/1960	7	3	LT	T	B5	E16	E09	200	17.36	Yes	No	No	Yes	Yes	3/22/2016	3/22/2016			
109	224.5	205073687	48.20	48.21	0.313	24.000	145	9.28	TAPE	1/1/1996	85	3	LT	T	B5	E16	E09	200	9.20	Yes	No	No	Yes	Yes	3/22/2016	3/22/2016			
109	224.8	205073689	48.21	48.21	0.375	26.000	145	8.38	TAPE	1/1/1996	5	3	LT	T	B5	E16	E09	217	9.27	Yes	No	No	No	Yes	Yes	3/22/2016	3/22/2016		
109	225	205073699	48.21	48.84	0.313	26.000	145	14.36	HAA	1/1/1960	3503	3	LT	T	B5	E16	E09	217	20.30	Yes	No	No	Yes	Yes	3/22/2016	3/22/2016			
109	226	205073682	48.84	49.15	0.313	24.000	145	9.28	TAPE	1/1/1992	1645	3	LT	T	B5	E16	E09	200	18.69	Yes	No	No	No	Yes	Yes	3/22/2016	3/22/2016		
109	228	205163266	49.15	49.42	0.281	26.000	145	19.17	XTRUPL	1/1/1981	1432	3	LT	T	B5	E16	E09	217	21.48	Yes	No	No	No	Yes	Yes	3/22/2016	3/22/2016		
109	228.1	205163267	49.42	49.79	0.281	26.000	145	19.17	XTRUPL	1/1/1981	1929	3	LT	T	B5	E16	E09	217	16.44	Yes	No	No	No	Yes	Yes	3/22/2016	3/22/2016		
109	228.2	205117902	49.79	49.87	0.281	26.000	145	19.17	XTRUPL	1/1/1981	442	3	LT	T	A5	E16	E09	217	16.44	Yes	No	No	No	Yes	Yes	3/22/2016	3/22/2016		
109	228.4	205117903	49.87	50.04	0.281	26.000	145	19.17	XTRUPL	1/1/1981	874	3	LT	T	B5	E16	E09	217	16.44	Yes	No	No	No	Yes	Yes	3/22/2016	3/22/2016		
109	229.3	205073602	50.04	50.50	0.281	26.000	145	19.17	TAPE	1/1/1982	2903	3	LT	T	B5	E16	E09	217	20.14	Yes	No	No	No	Yes	Yes	3/22/2016	3/22/2016		
109	230	205073662	50.50	50.65	0.281	26.000	145	19.17	TAPE	1/1/1982	1203	3	LT	T	B5	E16	E09	217	18.46	Yes	No	No	No	Yes	Yes	3/22/2016	3/22/2016		
109	230.3	205073655	50.65	50.65	0.344	26.000	145	10.64	TAPE	1/1/1991	1460	3	LT	T	B5	E16	E09	217	13.81	Yes	No	No	No	Yes	Yes	3/22/2016	3/22/2016		
109	231	205073653	50.65	50.81	0.313	24.000	145	9.28	TAPE	1/1/1991	1460	3	LT	T	B5	E16	E09	200	14.42	Yes	No	No	No	Yes	Yes	3/22/2016	3/22/2016		
109	231.3	205073646	50.81	50.81	0.313	26.000	145	14.36	TAPE	1/1/1991	6	3	LT	T	B5	E16	E09	217	13.81	Yes	No	No	No	Yes	Yes	3/22/2016	3/22/2016		
109	231.6	205073647	50.81	50.81	0.500	30.000	145	7.25	TAPE	1/1/1991	3	3	LT	T	B5	E16	E09	250	14.04	Yes	No	No	No	Yes	Yes	3/22/2016	3/22/2016		
109	232	205073648	50.81	51.69	0.313	24.000	145	9.28	TAPE	1/1/1991	4695	3	LT	T	B5	E16	E09	200	13.70	Yes	No	No	No	Yes	Yes	3/22/2016	3/22/2016		
109	232.3	205073649	51.69	51.69	0.500	24.000	145	6.69	TAPE	1/1/1991	6	3	LT	T	B5	E16	E09	200	13.70	Yes	No	No	No	Yes	Yes	3/22/2016	3/22/2016		
109	232.6	205073650	51.69	51.70	0.375	24.000	145	8.32	TAPE	1/1/1991	860	3	LT	T	B5	E16	E09	200	13.70	Yes	No	No	No	Yes	Yes	3/22/2016	3/22/2016		
109	233.3	205073663	51.70	51.69	0.313	24.000	145	10.71	TAPE	1/1/1991	860	3	LT	T	B5	E16	E09	200	13.70	Yes	No	No	No	Yes	Yes	3/22/2016	3/22/2016		
109	233.3	205073651	51.69	51.69	0.406	26.000	145	11.05	HAA	1/1/1996	3	3	LT	T	B5	E16	E09	217	16.95	Yes	No	No	No	Yes	Yes	3/22/2016	3/22/2016		
109	234	205073664	51.69	52.18	0.406	26.000	145	11.05	TAPE	1/1/1996	1267	3	LT	T	B5	E16	E09	217	23.77	Yes	No	No	No	Yes	Yes	3/22/2016	3/22/2016		
109	237	205073660	52.18	52.49	0.406	26.000	145	7.74	TAPE	1/1/1985	1493	3	LT	T	B5	E16	E09	217	19.30	Yes	No	No	No	Yes	Yes	3/22/2016	3/22/2016		
109	239	205073667	52.49	52.51	0.313	24.000	145	9.28	TAPE	1/1/1991	124	3	LT	T	B5	E16	E09	200	6.95	Yes	No	No	No	Yes	Yes	3/22/2016	3/22/2016		
109	243	205073666	52.51	52.61	0.313	24.000	145	9.28	FBE	3/16/2002	707	3	LT	T	B5	E16	E09	200	6.95	Yes	No	No	No	Yes	Yes	3/22/2016	3/22/2016		
109	246	205163252	52.61	52.70	0.313	24.000	145	9.28	TAPE	1/1/1991	488	3	LT	T	B5	E16	E09	200	17.76	Yes	No	No	No	Yes	Yes	3/22/2016	3/22/2016		
109	247	205163253	52.70	52.71	0.313	24.000	145	9.28	TAPE	1/1/1991	78	3	LT	T	B5	E16	E09	200	17.03	Yes	No	No	No	Yes	Yes	3/22/2016	3/22/2016		
109	248	205073652	52.71	52.71	0.375	20.000	145	7.44	TAPE	1/1/1991	6	3	LT	T	B5	E16	E09	167	16.75	Yes	No	No	No	Yes	Yes	3/22/2016	3/22/2016		
114	121.6	205134365	8.19	8.19	0.437	12.750	510	21.26	SOWA	1/1/1942	3	3	BB	T	I5	E14	E07	199	27.67	Yes	No	No	Yes	Yes	Yes	9/10/2014	9/10/2014		
114	121.7	205092874	8.19	8.32	0.401	16.000	510	29.07	SOWA	1/1/1942	748	3	BB	T	I5	E14	E07	250	30.53	Yes	No	No	Yes	Yes	Yes	9/10/2014	9/10/2014		
114	122	205116359	8.32	8.78	0.375	16.000	510	25.90	HAA	1/1/1955	2367	3	BB	T	I5	E14	E07	339	19.28	Yes	No	No	No	Yes	Yes	6/12/2014	6/12/2014		
114	123.5	205116362	9.24	9.47	0.313	22.000	497	49.98	HAA	1/1/1942	1145	3	BB	T	I5	E14	E07	339	19.28	Yes	No	No	Yes	Yes	Yes	6/12/2014	6/12/2014		
114	124	205144918	9.47	9.46	0.313	22.000	497	49.98	HAA	1/1/1942	49	3	BB																



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EO PLAN	IC PLAN	SCC PLAN	
114	125	205116764	9.90	9.93	0.313	22.000	497	49.98	HAA	1/1/1942	195	3	BB	T	I5	I14	I07	339	20.17	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	6/12/2014		
114	125.13	205164152	10.15	10.20	0.313	22.000	497	49.98	HAA	1/1/1942	341	3	BB	T	I5	I14	I07	339	20.17	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	6/12/2014		
114	125.15	205118337	10.20	10.25	0.313	22.000	497	49.98	HAA	1/1/1942	340	3	BB	T	A5	I14	I07	339	20.17	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	6/12/2014		
114	125.2	205116768	10.25	10.41	0.313	22.000	497	49.98	HAA	1/1/1942	1211	3	BB	T	A5	I14	I07	339	20.17	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	6/12/2014		
114	125.23	205118338	10.41	10.46	0.313	22.000	497	49.98	HAA	1/1/1942	328	3	BB	T	A5	I14	I07	339	18.03	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	6/12/2014		
114	127.3	205163960	11.57	11.90	0.313	22.000	497	49.98	HAA	1/1/1942	1714	3	BB	T	I6	I14	I07	339	21.36	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	6/12/2014		
114	127.6	205129397	12.07	12.36	0.313	22.000	497	49.98	HAA	1/1/1942	1538	3	BB	T	I5	I14	I07	339	18.18	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	6/12/2014		
114	127.8	205129395	12.36	12.43	0.313	22.000	497	49.98	HAA	1/1/1942	381	3	BB	T	I6	I14	I07	339	18.18	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	6/12/2014		
114	128	205116772	12.43	12.51	0.313	22.000	497	49.98	HAA	1/1/1942	404	3	BB	T	I5	I14	I07	339	18.18	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	6/12/2014		
114	128.2	205116773	12.51	12.69	0.313	22.000	497	49.98	HAA	1/1/1942	966	3	BB	T	I5	I14	I07	339	20.32	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	6/12/2014		
114	128.4	205095034	12.69	12.70	0.375	22.000	497	34.71	FBE	6/10/2003	63	3	BB	T	I5	I14	I07	339	11.17	Yes	No	No	No	No	Yes	Yes	No	Yes	6/12/2014		
114	128.8	205162485	12.70	12.75	0.313	22.000	497	49.98	HAA	1/1/1942	276	3	BB	T	I5	I14	I07	339	20.32	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	6/12/2014		
114	130	205129392	13.07	13.52	0.313	22.000	497	49.98	HAA	1/1/1942	2428	3	BB	T	A5	I14	I07	339	16.95	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	6/12/2014		
114	130.1	205129393	13.52	13.71	0.313	22.000	497	49.98	HAA	1/1/1942	1002	3	BB	T	I9	I14	I07	339	18.18	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	6/12/2014		
114	130.2	205095022	13.71	13.73	0.375	22.000	497	22.43	FBE	6/27/2002	194	3	BB	T	I5	I14	I07	339	11.26	Yes	No	No	No	No	Yes	Yes	No	Yes	6/12/2014		
114	130.3	205095021	13.73	13.75	0.286	22.000	497	36.76	TAPE	1/1/1966	118	3	BB	T	I5	I14	I07	339	14.74	Yes	No	No	No	No	Yes	Yes	No	Yes	6/12/2014		
114	131.1	205118340	13.75	13.81	0.313	22.000	497	49.98	HAA	1/1/1942	336	3	BB	T	I5	I14	I07	339	25.31	Yes	No	No	No	Yes	Yes	Yes	No	Yes	6/12/2014		
114	131.2	205118341	13.81	13.88	0.313	22.000	497	49.98	HAA	1/1/1942	337	3	BB	T	A5	I14	I07	339	18.18	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	6/12/2014		
114	131.3	205116371	13.88	14.23	0.313	22.000	497	49.98	HAA	1/1/1942	1835	3	BB	T	A5	I14	I07	339	18.18	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	6/12/2014		
114	131.4	205116372	14.23	14.34	0.313	22.000	497	49.98	HAA	1/1/1942	588	3	BB	T	A5	I14	I07	339	18.18	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	6/12/2014		
114	131.6	205095024	14.34	14.35	0.286	22.000	497	-67.93		3/25/1966	46	3	BB	T	A5	I14	I07	339	27.06	Yes	No	No	Yes	No	Yes	Yes	No	Yes	6/12/2014		
114	131.8	205095025	14.35	14.35	0.313	22.000	497	49.98	HAA	1/1/1942	16	3	BB	T	A5	I14	I07	339	25.31	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	6/12/2014		
114	132.2	205094994	14.35	14.35	0.375	22.000	497	28.04	TAPE	1/1/1990	3	3	BB	T	A5	I14	I07	339	13.67	Yes	No	No	No	No	Yes	Yes	No	Yes	6/12/2014		
114	132.3	205095027	14.35	14.58	0.313	24.000	497	31.81	TAPE	1/1/1990	1234	3	BB	T	A5	I14	I07	370	14.95	Yes	No	No	No	No	Yes	Yes	No	Yes	6/12/2014		
114	132.4	205094995	14.58	14.58	0.375	22.000	497	28.04	TAPE	1/1/1990	3	3	BB	T	A5	I14	I07	339	10.10	Yes	No	No	No	No	Yes	Yes	No	Yes	6/12/2014		
114	133	205095026	14.58	14.95	0.313	22.000	497	49.98	HAA	1/1/1942	1958	3	BB	T	A5	I14	I07	339	18.18	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	6/12/2014		
114	134	205116373	14.95	14.96	0.313	22.000	497	49.98	HAA	1/1/1942	70	3	BB	T	A5	I14	I07	339	18.18	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	6/12/2014		
114	134.1	205116375	14.96	15.12	0.313	22.000	497	49.98	HAA	1/1/1942	857	3	BB	T	A5	I14	I07	339	25.13	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	6/12/2014		
114	134.15	205116376	15.12	15.34	0.313	22.000	497	49.98	HAA	1/1/1942	1151	3	BB	T	A5	I14	I07	339	32.26	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	6/12/2014		
114	134.2	205095000	15.34	15.35	0.375	22.000	497	28.04	TAPE	1/1/1996	38	3	BB	T	A5	I14	I07	339	14.92	Yes	No	No	No	No	Yes	Yes	No	Yes	6/12/2014		
114	134.3	205094998	15.35	15.37	0.313	22.000	497	49.98	HAA	1/1/1942	110	3	BB	T	A5	I14	I07	339	22.99	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	6/12/2014		
114	134.4	205094997	15.37	15.38	0.375	22.000	497	28.04	TAPE	1/1/1996	63	3	BB	T	A5	I14	I07	339	12.51	Yes	No	No	No	No	Yes	Yes	No	Yes	6/12/2014		
114	134.54	205095017	15.38	15.66	0.313	22.000	497	49.98	HAA	1/1/1942	2605	3	BB	T	A5	I14	I07	339	31.07	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	6/12/2014		
114	134.55	205095018	15.66	15.87	0.313	22.000	497	49.98	HAA	1/1/1942	57	3	BB	T	A5	I14	I07	339	31.07	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	6/12/2014		
114	134.56	205095019	15.87	15.94	0.313	22.000	497	49.98	HAA	1/1/1942	380	3	BB	T	A5	I14	I07	339	31.07	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	6/12/2014		
114	134.6	205095014	15.94	15.96	0.375	22.000	497	34.71	FBE	10/7/1999	142	3	BB	T	A5	I14	I07	339	15.98	Yes	No	No	No	No	Yes	Yes	No	Yes	6/12/2014		
114	134.7	205095016	15.96	16.01	0.313	22.000	497	49.98	HAA	1/1/1942	225	3	BB	T	A5	I14	I07	339	33.75	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	6/12/2014		
114	134.8	205095013	16.01	16.03	0.375	22.000	497	34.71	FBE	10/7/1999	174	3	BB	T	A5	I14	I07	339	20.80	Yes	No	No	No	No	Yes	Yes	No	Yes	6/12/2014		
114	134.9	205095012	16.03	16.04	0.313	22.000	497	49.98	HAA	1/1/1942	50	3	BB	T	A5	I14	I07	339	33.75	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	6/12/2014		
114	135.1	205095009	16.04	16.04	0.375	22.000	497	28.04	TAPE	1/6/1999	4	3	BB	T	A5	I14	I07	339	19.73	Yes	No	No	No	No	Yes	Yes	No	Yes	6/12/2014		
114	135.2	205116377	16.04	16.25	0.313	22.000	497	49.98	HAA	1/1/1942	1111	3	BB	T	A5	I14	I07	339	27.81	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	6/12/2014		
114	135.23	205118342	16.25	16.31	0.313	22.000	497	49.98	HAA	1/1/1942	308	3	BB	T	A5	I14	I07	339	22.99	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	6/12/2014		
114	153.25	205118345	28.87	28.89	0.313	22.000	497	49.98	HAA	1/1/1942	96	3	BB	T	A5	E14	E07	339	18.90	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	9/10/2014		
114	153.41	205128761	28.89	28.96	0.313	22.000	497	49.98	HAA	1/1/1942	339	3	BB	T	A5	E14	E07	339	20.34	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	9/10/2014		
114	153.42	205128762	28.96	28.96	0.375	22.000	497	34.71	FBE	12/1/2005	13	3	BB	T	A5	E14	E07	339	8.16	Yes	No	No	No	No	Yes	Yes	No	Yes	9/10/2014		
114	153.6	205084345	28.96	28.96	0.375	22.000	497	41.65	TAPE	1/1/1977	6	3	BB	T	A5	E17	E10	339	11.24	Yes	No	No	No	No	Yes	Yes	No	Yes	1/21/2017		
114	153.7	205084350	28.96	28.97	0.500	22.000	497	31.24	TAPE	1/1/1977	6	3	BB	T	A5	E17	E10	339	9.70	Yes	No	No	No	No	Yes	Yes	No	Yes	1/21/2017		
114	153.8	205084349	28.97	28.97	0.500	20.000	497	28.40	TAPE	1/1/1977	22	3																			

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN		
116	117.2	205152066	8.59	8.60	0.500	16.000	720	32.91	TAPE	1/1/1978	126	3	LT	T	I5	E15	E10	297	15.04	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	117.5	205120855	8.60	8.66	0.500	16.000	720	32.91	TAPE	1/1/1978	471	3	LT	T	I1	E15	E10	297	15.04	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	118	205078685	8.66	8.76	0.500	16.000	720	22.15	TAPE	1/1/1978	1174	3	LT	T	I1	E15	E10	297	14.40	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	118.5	205120857	8.79	8.85	0.500	16.000	720	22.15	TAPE	1/1/1978	338	3	LT	T	I1	E15	E10	297	13.53	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	118.6	205078322	8.85	8.94	0.375	16.000	720	43.89	TAPE	1/1/1978	460	3	LT	T	I1	E15	E10	297	16.55	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	118.9	205078323	8.94	9.00	0.250	16.000	720	44.31	TAPE	1/1/1978	131	3	LT	T	I1	E15	E10	297	16.55	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	120	205078942	9.00	9.60	0.250	16.000	720	44.31	TAPE	1/1/1978	3089	3	LT	T	I1	E15	E10	297	16.55	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	121	205078961	9.60	9.66	0.375	16.000	720	36.57	TAPE	12/20/1991	328	3	LT	T	I1	E15	E10	297	12.40	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	121.5	205078615	9.66	9.66	0.375	16.000	720	36.57	TAPE	12/20/1991	17	3	LT	T	I1	E15	E10	297	7.69	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	122	205078758	9.66	10.23	0.375	16.000	720	36.57	TAPE	12/20/1991	3003	3	LT	T	I1	E15	E10	297	12.37	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	122.5	205078623	10.23	10.24	0.375	16.000	720	36.57	TAPE	12/20/1991	34	3	LT	T	I1	E15	E10	297	10.01	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	123	205078616	10.24	10.74	0.375	16.000	720	36.57	TAPE	12/20/1991	2705	3	LT	T	I1	E15	E10	297	13.28	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	123.5	205078617	10.74	10.74	0.375	16.000	720	36.57	TAPE	12/20/1991	102	3	LT	T	I1	E15	E10	297	10.01	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	124	205078618	10.74	11.30	0.375	16.000	720	36.57	TAPE	12/20/1991	2963	3	LT	T	I1	E15	E10	297	17.08	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	124.5	205078619	11.30	11.30	0.375	16.000	720	36.57	TAPE	12/20/1991	12	3	LT	T	A1	E15	E10	297	10.01	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	125	205078620	11.30	11.34	0.375	16.000	720	36.57	TAPE	12/20/1991	236	3	LT	T	A1	E15	E10	297	12.37	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	125.5	205078621	11.34	11.34	0.375	16.000	720	36.57	TAPE	12/20/1991	12	3	LT	T	B1	E15	E10	297	10.01	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	126	205078883	11.34	11.96	0.375	16.000	720	36.57	TAPE	12/20/1991	2950	3	LT	T	A1	E15	E10	297	10.10	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	126.5	205078852	11.96	11.97	0.375	16.000	720	36.57	TAPE	12/20/1991	33	3	LT	T	I1	E15	E10	297	10.01	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	127	205078853	11.97	12.02	0.375	16.000	720	36.57	TAPE	12/20/1991	256	3	LT	T	I1	E15	E10	297	12.37	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	127.2	205078854	12.02	12.02	0.375	16.000	720	36.57	TAPE	12/20/1991	12	3	LT	T	I1	E15	E10	297	10.01	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	127.5	205078855	12.02	12.03	0.375	16.000	720	36.57	TAPE	12/20/1991	43	3	LT	T	I1	E15	E10	297	12.37	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	127.8	205078856	12.03	12.03	0.375	16.000	720	36.57	TAPE	12/20/1991	17	3	LT	T	I1	E15	E10	297	10.01	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	128	205078857	12.03	12.10	0.375	16.000	720	36.57	TAPE	12/20/1991	349	3	LT	T	I1	E15	E10	297	10.01	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	129	205078884	12.10	12.21	0.375	16.000	720	36.57	TAPE	12/20/1991	574	3	LT	T	I1	E15	E10	297	10.01	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	129.5	205078858	12.21	12.21	0.375	16.000	720	36.57	TAPE	12/20/1991	20	3	LT	T	I1	E15	E10	297	10.01	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	130	205078859	12.21	12.26	0.375	16.000	720	36.57	TAPE	12/20/1991	266	3	LT	T	I1	E15	E10	297	12.37	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	130.5	205078860	12.26	12.26	0.375	16.000	720	36.57	TAPE	12/20/1991	12	3	LT	T	I1	E15	E10	297	5.29	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	130.6	205078892	12.26	12.38	0.375	16.000	720	36.57	TAPE	12/20/1991	1141	3	LT	T	I1	E15	E10	297	7.74	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	131	205078832	12.38	12.38	0.375	16.000	720	36.57	TAPE	12/20/1991	23	3	LT	T	I1	E15	E10	297	7.65	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	132	205078848	12.38	12.39	0.375	16.000	720	36.57	TAPE	1/1/1988	14	3	LT	T	I1	E15	E10	297	8.47	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	133	205078861	12.39	12.53	0.375	16.000	720	36.57	TAPE	1/1/1988	756	3	LT	T	I1	E15	E10	297	9.00	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	133.5	205120863	12.53	12.66	0.500	24.000	720	33.23	TAPE	1/1/1988	239	3	LT	T	I1	E15	E10	445	6.17	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	134.3	205120870	12.66	12.69	0.500	24.000	720	33.23	TAPE	1/1/1988	241	3	LT	T	I1	E15	E10	445	6.17	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	134.7	205078834	12.69	12.70	0.375	16.000	720	36.57	TAPE	1/1/1988	51	3	LT	T	I1	E15	E10	297	8.47	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	135	205079018	12.70	12.85	0.375	16.000	720	36.57	TAPE	1/1/1988	1659	3	LT	T	I1	E15	E10	297	9.00	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	136	205079025	12.85	12.85	0.375	16.000	720	36.57	TAPE	1/1/1988	26	3	LT	T	I1	E15	E10	297	8.47	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	137	205079024	12.85	12.85	0.312	24.000	720	46.15	TAPE	1/1/1988	6	3	LT	T	I1	E15	E10	445	10.32	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
116	138	205079027	12.85	12.89	0.500	24.000	720	28.80	HAA	1/1/1985	225	3	LT	T	I1	E15	E10	445	7.07	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
121	104.1	205123304	3.43	3.52	0.188	6.625	485	24.42	HAA	12/16/1938	477	3	LT	T	I5	E14		101	27.12	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/23/2015		
121	104.2	205089549	3.52	3.52	0.280	6.625	485	16.39	TAPE	2/28/2001	34	3	LT	T	I5	E14		101	14.20	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/23/2015		
121	105	205143088	3.52	3.55	0.188	6.625	485	24.42	HAA	12/16/1938	142	3	LT	T	I5	E14		102	26.33	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/23/2015		
121	118.2	205123307	7.88	8.00	0.219	8.625	485	22.74	TAPE	1/1/1992	634	3	LT	T	I5	E14	E07	132	15.81	Yes	No	No	No	No	Yes	Yes	No	No	Yes	2/15/2014		
121	119.1	205123311	8.58	8.99	0.219	8.625	485	22.74	TAPE	1/1/1992	2133	3	LT	T	I5	E14	E07	132	15.81	Yes	No	No	No	No	Yes	Yes	No	No	Yes	2/15/2014		
121	120.2	205123317	9.68	9.80	0.188	8.625	485	26.49	TAPE	1/1/1990	717	3	LT	T	A5	E14	E07	132	16.57	Yes	No	No	No	No	Yes	Yes	No	No	Yes	2/15/2014		
121	120.25	205129210	10.14	10.25	0.188	8.625	485	26.49	TAPE	1/1/1990	631	3	LT	T	I5	E15	E10	132	14.61	Yes	No	No	No	No	Yes	Yes	No	No	Yes	5/17/2015		
121	120.28	205136630	10.39	10.48	0.188	8.625	485	26.49	TAPE	1/1/1990	543	3	LT	T	I9	E15	E10	132	14.61	Yes</												

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EG THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN		
123	103.6	205086323	1.63	1.63	0.281	12.750	500	-27.01	TAPE	1/12/2001	12	3	LT	T	I1	E14	E07	197	9.43	Yes	No	No	No	No	Yes	No	No	Yes	2/13/2014			
123	103.8	205122572	1.63	1.71	-0.203	12.750	500	-37.39	HAA	1/1/1943	418	3	LT	T	I1	E14	E07	197	21.08	Yes	No	No	Yes	Yes	Yes	No	No	Yes	2/13/2014			
123	107.9	205119430	3.49	3.52	-0.203	12.750	500	-37.39	HAA	1/1/1943	181	3	LT	T	A5	E14	E07	197	22.21	Yes	No	No	Yes	Yes	Yes	No	No	Yes	2/13/2014			
123	108	205119431	3.52	3.75	0.203	12.750	500	37.39	HAA	1/1/1943	1226	3	LT	T	A5	E14	E07	198	22.21	Yes	No	No	Yes	Yes	Yes	No	No	Yes	2/13/2014			
123	108.7	205153602	3.87	4.01	0.203	12.750	500	37.39	HAA	1/1/1943	703	3	LT	T	I9	E14		198	27.76	Yes	No	No	Yes	Yes	Yes	No	No	Yes	9/21/2016			
123	114.1	205119435	5.42	5.74	0.203	12.750	500	37.39	HAA	1/1/1943	1684	3	LT	T	I5	E14	E07	198	28.56	Yes	No	No	Yes	Yes	Yes	No	No	Yes	2/13/2014			
123	114.51	205145857	6.50	6.53	0.312	16.000	500	24.65	FBE	6/1/2005	139	3	LT	T	A2	E12		248	17.35	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
123	114.6	205127676	6.53	6.54	0.312	16.000	500	24.65	FBE	6/1/2005	29	3	LT	T	A2	E12		248	17.35	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
123	114.7	205135999	6.54	6.58	0.312	16.000	500	24.65	FBE	6/1/2005	253	3	LT	T	A2	E12		248	11.97	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
123	114.75	205136000	6.58	6.84	0.312	16.000	500	24.65	FBE	6/1/2005	1441	3	LT	T	A9	E12	P05	247	11.97	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
123	116.3	205101460	11.08	11.24	0.312	16.000	500	24.65	FBE	7/31/2003	849	3	LT	T	A9	E12	P03	248	17.35	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
123	116.4	205101461	11.24	11.28	0.312	16.000	500	24.65	FBE	7/31/2003	207	3	LT	T	A9	E12	P03	248	11.97	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
123	116.5	205101462	11.28	11.54	0.312	16.000	500	24.65	FBE	7/31/2003	1381	3	LT	T	A9	E12	P03	248	11.97	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
123	116.6	205101463	11.54	11.55	0.312	16.000	500	24.65	FBE	7/31/2003	68	3	LT	T	B9	E12		248	11.97	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
123	116.91	205154426	11.97	12.02	0.312	16.000	500	24.65	FBE	11/14/2005	249	3	LT	T	A9	E15		248	18.88	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/21/2016		
123	116.92	205130554	12.02	12.21	0.312	16.000	500	24.65	FBE	8/24/2005	1135	3	LT	T	A9	E12		248	18.88	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
123	116.93	205128517	12.21	12.57	0.375	16.000	500	25.40	PC	8/24/2005	1947	3	LT	T	A7	E12		248	26.56	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
123	118	205118225	12.79	12.84	0.375	16.000	500	25.40	TAPE	1/1/1988	274	3	LT	T	I9	E15		248	17.67	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/21/2016		
123	118.2	205118229	12.84	12.88	0.375	16.000	500	25.40	TAPE	1/1/1988	196	3	LT	T	I9	E15		248	17.67	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/21/2016		
123	118.3	205118230	12.88	12.97	0.375	16.000	500	25.40	TAPE	1/1/1988	502	3	LT	T	I5	E15	E08	248	14.28	Yes	No	No	No	No	Yes	Yes	No	No	Yes	7/26/2015		
123	119	205118231	12.97	13.37	0.375	16.000	500	25.40	TAPE	1/1/1988	2122	3	LT	T	B5	E15	E08	248	11.98	Yes	No	No	No	No	Yes	Yes	No	No	Yes	7/26/2015		
123	119.5	205118232	13.37	13.45	0.375	16.000	500	25.40	TAPE	1/1/1988	418	3	LT	T	A9	E15		248	19.97	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/21/2016		
123	120	205154423	13.45	13.59	0.375	16.000	500	25.40	TAPE	1/1/1988	730	3	LT	T	A9	E15		248	19.97	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/21/2016		
128	121.72	205145381	14.56	14.58	0.188	4.500	479	16.38	HAA	1/1/1965	103	3	LT	T	I5	E12		69	30.55	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
128	122	205117300	14.58	14.68	0.188	4.500	479	16.38	HAA	1/1/1965	529	3	LT	T	I1	E15	E08	69	24.34	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	8/7/2015		
128	124	205117304	15.15	15.21	0.188	4.500	479	16.38	HAA	1/1/1965	284	3	LT	T	I1	E15	E08	69	18.56	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/7/2015		
131	115.5	205117501	8.03	8.16	0.438	12.750	720	29.94	SOMA	1/1/1946	674	1	BB	T	I51	E15	E10	237	24.27	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	9/1/2015		
131	116	205092928	8.16	8.17	0.438	12.750	720	29.94	HAA	1/1/1946	43	3	BB	T	I51	E15	E10	237	28.19	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	9/1/2015		
131	117	205115316	8.17	8.20	0.313	12.750	720	41.97	HAA	1/1/1946	188	3	BB	T	I51	E15	E10	237	34.49	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	9/1/2015		
131	117.2	205115317	8.20	8.44	0.313	12.750	720	41.97	HAA	1/1/1946	1280	3	BB	T	I5	E15	E10	237	35.29	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	9/1/2015		
131	118	205115318	8.44	8.87	0.281	12.750	720	38.89	HAA	1/1/1955	2307	3	BB	T	I5	E15	E10	237	15.32	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	139.8	205130149	32.50	32.60	-0.281	24.000	500	-53.38	HAA	1/1/1944	503	3	BB	T	I5	I11	I04	371	35.81	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/5/2011		
131	140	205114850	32.60	33.77	-0.281	24.000	500	-53.38	HAA	1/1/1944	6238	3	BB	T	B1	I11	I04	371	45.70	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/5/2011		
131	140.3	205095446	33.77	33.77	0.313	24.000	500	36.92	TAPE	1/1/1990	4	3	BB	T	A1	I11	I04	371	21.11	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/5/2011		
131	140.6	205095450	33.77	33.78	0.313	24.000	500	32.00	TAPE	1/1/1990	60	3	BB	T	A1	I11	I04	371	21.11	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/5/2011		
131	141	205095461	33.78	33.85	0.312	24.000	500	32.05	TAPE	1/1/1999	388	3	BB	T	A1	I11	I04	371	14.32	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/5/2011		
131	141.2	205095455	33.85	33.88	0.375	24.000	500	26.67	TAPE	1/1/1999	158	3	BB	T	A5	I11	I04	371	15.68	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/5/2011		
131	144.3	205114848	34.72	35.21	-0.281	24.000	500	-53.38	HAA	1/1/1944	2599	3	BB	T	I1	I11	I04	371	28.58	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/5/2011		
131	144.6	205114846	35.21	35.34	-0.281	24.000	500	-53.38	HAA	1/1/1944	662	3	BB	T	I1	I11	I04	371	27.67	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/5/2011		
131	145	205145366	35.34	35.44	-0.281	24.000	500	-53.38	HAA	1/1/1944	528	1	BB	T	I9	I11	I04	371	22.50	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/5/2011		
131	145.6	205095441	35.69	35.73	0.562	24.000	500	30.50	TAPE	1/1/1984	209	1	BB	T	I5	I11	I04	371	12.51	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/5/2011		
131	145.9	205095442	35.73	35.73	0.375	24.000	500	26.67	TAPE	1/1/1984	9	1	BB	T	I5	I11	I04	371	12.35	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/5/2011		
131	147	205095443	35.73	35.87	-0.281	24.000	500	-53.38	HAA	1/1/1944	826	1	BB	T	I5	I11	I04	371	39.63	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/5/2011		
131	148.3	205114843	35.87	36.03	0.313	24.000	500	32.00	TAPE	1/1/1995	997	3	BB	T	I5	I11	I04	371	18.33	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/5/2011		
131	148.6	205114844	36.03	36.23	0.313	24.000	500	32.00	TAPE	1/1/1995	1258	3	BB	T	I1	I11	I04	371	12.91	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/5/2011		
131	157.2	205114836	42.16	42.35	-0.281	24.000	500	-53.38	HAA	1/1/1944	764	1	BB	T	I1	I11	I04	371	37.15	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/5/2011		
131	157.3	205095472	42.35	42.38	0.281	24.000	500	61.01	HAA	1/1/1962	133	1	BB	T	I1	I11	I04	371	19.37	Yes	No	No	No	No	Yes	Yes	Yes					

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN		
131	169.3	205100120	50.46	50.47	0.313	24.000	500	45.71	HAA	1/1/1960	73	3	BB	T	B1	I11	I04	371	21.70	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/5/2011			
131	171	205124395	50.47	50.54	0.281	24.000	500	53.38	HAA	1/1/1944	356	3	BB	T	B1	I11	I04	371	39.10	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	10/5/2011			
131	171.1	205136044	50.54	50.54	0.375	24.000	500	26.67	FBE	11/30/2004	21	3	BB	T	B1	I11	I04	371	20.02	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/5/2011		
131	171.3	205136045	50.54	50.55	0.375	24.000	500	26.67	FBE	11/30/2004	21	3	BB	T	B1	S11		371	20.36	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/14/2014		
131	171.5	205124398	50.55	50.57	0.281	24.000	500	53.38	HAA	1/1/1944	127	3	BB	T	B1	S11		371	41.54	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/14/2012			
131	172	205100125	50.57	51.25	0.437	34.000	590	47.82	HAA	1/1/1954	3819	3	BB	T	I1	E15	E10	571	30.70	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	172.3	205098765	51.25	51.25	0.542	34.000	590	30.84	TAPE	1/1/1984	5	3	BB	T	I1	E15	E10	571	8.83	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	174	205098777	51.25	51.42	0.500	30.000	590	29.50	TAPE	1/1/1984	895	3	BB	T	I1	E15	E10	504	8.41	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	174.3	205098766	51.42	51.42	0.375	30.000	590	45.38	TAPE	1/1/1984	4	3	BB	T	I1	E15	E10	504	11.74	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	176	205098767	51.42	51.62	0.375	30.000	590	45.38	HAA	1/1/1954	1008	3	BB	T	I1	E15	E10	504	18.51	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	176.3	205098768	51.62	51.62	0.375	30.000	590	45.38	TAPE	1/1/1984	4	3	BB	T	I1	E15	E10	504	11.74	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	178	205098769	51.62	51.81	0.500	30.000	590	29.50	TAPE	3/28/1984	971	3	BB	T	I1	E15	E10	504	8.41	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	178.3	205098770	51.81	51.81	0.375	30.000	590	45.38	TAPE	1/1/1984	4	3	BB	T	I1	E15	E10	504	15.36	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	180	205098771	51.81	52.27	0.375	30.000	590	45.38	HAA	1/1/1954	2289	3	BB	T	I1	E15	E10	504	19.15	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	180.3	205098693	52.27	52.31	0.313	30.000	590	54.46	HAA	9/29/1957	233	3	BB	T	I1	E15	E10	504	21.24	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	9/1/2015		
131	182	205098783	52.31	52.74	0.375	30.000	590	45.38	HAA	1/1/1954	2270	3	BB	T	I1	E15	E10	504	18.57	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	182.3	205098694	52.74	52.75	0.424	30.000	590	32.11	TAPE	1/1/1987	5	3	BB	T	I1	E15	E10	504	15.00	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	182.6	205098695	52.75	52.75	0.500	30.000	590	29.50	TAPE	1/1/1987	20	3	BB	T	I1	E15	E10	504	13.34	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	182.9	205098696	52.75	52.75	0.421	30.000	590	32.34	TAPE	1/1/1987	4	3	BB	T	I1	E15	E10	504	15.00	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	183.2	205098697	52.75	52.75	0.375	30.000	590	45.38	TAPE	1/1/1987	42	3	BB	T	I1	E15	E10	504	16.66	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	183.5	205098698	52.75	52.75	0.424	30.000	590	32.11	TAPE	1/1/1987	4	3	BB	T	I1	E15	E10	504	15.00	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	183.8	205098699	52.75	52.75	0.500	30.000	590	29.50	TAPE	1/1/1987	24	3	BB	T	I1	E15	E10	504	13.34	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	184.1	205098700	52.75	52.75	0.421	30.000	590	32.34	TAPE	1/1/1987	5	3	BB	T	I1	E15	E10	504	15.00	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	186	205125374	52.75	52.78	0.375	30.000	590	45.38	HAA	1/1/1954	177	3	BB	T	I1	E15	E10	504	18.31	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	186.1	205125361	52.78	53.12	0.375	30.000	590	39.33	FBE	12/20/2004	1966	3	BB	T	I1	E15	E10	504	13.59	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	186.2	205125373	53.12	53.37	0.375	30.000	590	45.38	HAA	1/1/1954	1310	3	BB	T	I1	E15	E10	504	23.49	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	186.3	205098718	53.37	53.37	0.424	30.000	590	32.11	TAPE	1/1/1987	15	3	BB	T	I1	E15	E10	504	20.18	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	188	205124555	53.37	53.38	0.375	30.000	590	45.38	HAA	1/1/1954	60	3	BB	T	I1	E15	E10	504	23.49	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	189	205124561	53.38	53.44	0.375	30.000	590	39.33	FBE	12/20/2004	298	3	BB	T	I5	E15	E10	504	18.77	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	190	205124563	53.44	53.56	0.375	30.000	590	39.33	PC	12/20/2004	559	3	BB	T	I5	E15	E10	504	18.77	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	190.1	205124565	53.56	53.63	0.375	30.000	590	39.33	FBE	12/20/2004	377	3	BB	T	I5	E15	E10	504	18.77	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	190.3	205124567	53.63	53.65	0.375	30.000	590	39.33	FBE	12/20/2004	74	3	BB	T	I5	E15	E10	504	11.00	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	190.5	205124568	53.65	53.74	0.375	30.000	590	39.33	FBE	12/20/2004	451	3	BB	T	I5	E15	E10	504	13.59	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	190.7	205124558	53.74	53.81	0.375	30.000	590	45.38	HAA	1/1/1954	369	3	BB	T	I1	E15	E10	504	20.84	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	191.5	205098740	53.81	54.91	0.375	30.000	590	45.38	HAA	1/1/1954	5800	3	BB	T	I1	E15	E10	504	23.69	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	192.1	205099092	54.91	54.91	0.625	30.000	590	21.78	PC	7/2/2001	24	3	BB	T	I1	E15	E10	504	6.79	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	192.2	205115145	54.91	55.11	0.625	30.000	590	21.78	PC	7/2/2001	1098	3	BB	T	I1	E15	E10	504	6.79	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	192.7	205115144	55.35	55.39	0.625	30.000	590	21.78	PC	7/2/2001	190	3	BB	T	I5	E15	E10	504	17.73	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	193.0	205099044	55.39	55.41	0.625	30.000	590	21.78	FBE	7/2/2001	95	3	BB	T	I5	E15	E10	504	20.32	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	193.3	205099050	55.41	55.88	0.625	30.000	590	21.78	FBE	8/21/1998	2162	3	BB	T	I5	E15	E10	504	17.73	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	193.5	205099091	55.88	55.89	0.625	30.000	590	21.78	FBE	7/2/2001	60	3	BB	T	I5	E15	E10	504	17.73	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	194.3	205100057	55.89	57.46	0.325	30.000	590	45.38	FBE	1/1/1993	8318	3	BB	T	I5	E15	E10	504	23.09	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
131	195.5	205100055	57.46	57.47	0.375	30.000	590	45.38	HAA	1/1/1954	58	3	BB	T	I5	E15	E10	504	33.47	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	9/1/2015		
132	101	205099668	0.00	0.03	0.312	24.000	400	23.67	FBE	1/1/1997	150	3	LT	T	I5	E17	E10	332	14.44	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/19/2017		
132	101.1	205099669	0.03	0.06	0.375	24.000	400	21.33	PC	1/1/1997	189	3	LT	T	I5	E17	E10	332	14.44	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/19/2017		
132	101.2	205099670	0.06	0.12	0.312	24.000	400	23.67	FBE	1/1/1997	312	3	LT	T	I5	E17	E10	332	14.44	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/19/2017		
132	101.3	205099671	0.12	0.13	0.312	24.000	400	23.67	FBE	1/1/1997	63	3	LT	T	I5	E16	E09	332	14.44	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes			



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EO THREAT	IO THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	FC PLAN	IC PLAN	SCC PLAN			
132	107.5	205131985	1.87	1.89	0.312	24.000	400	29.59	XTRUPL	1/1/1982	95	3	LT	T	B9	E16	E09	332	14.49	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014			
132	107.6	205131986	1.89	1.89	0.312	24.000	400	25.64	TAPE	1/1/1989	21	3	LT	T	B9	E16	E09	332	14.49	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014			
132	107.7	205131984	1.89	1.90	0.312	24.000	400	29.59	XTRUPL	1/1/1982	64	3	LT	T	B9	E16	E09	332	14.49	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014			
132	107.8	205162393	1.89	1.89	0.312	24.000	400	25.64	TAPE	1/1/1989	21	3	LT	T	I5	E16	E09	332	18.75	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014			
132	108	205162394	1.89	2.00	0.250	24.000	400	45.71	TAPE	1/1/1983	584	3	LT	T	I5	E16	E09	332	20.58	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014			
132	109	205099106	2.00	2.17	0.250	24.000	400	45.71	TAPE	1/1/1983	1122	3	LT	T	I5	E16	E09	332	22.98	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014			
132	110	205099105	2.17	2.35	0.312	24.000	400	25.64	TAPE	1/1/1989	933	3	LT	T	I5	E16	E09	332	18.42	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014			
132	110.3	205099103	2.35	2.41	0.313	24.000	400	36.57	SOMA	1/1/1965	326	3	LT	T	I5	E16	E09	332	18.32	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014			
132	111	205111566	2.41	2.45	0.313	24.000	400	25.60	TAPE	1/1/1989	216	3	LT	T	I5	E16	E09	332	16.03	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014			
132	111.5	205111567	2.45	2.74	0.313	24.000	400	25.60	TAPE	1/1/1989	1535	3	LT	T	B5	E16	E09	332	16.62	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014			
132	112	205099110	2.74	3.00	0.313	24.000	400	25.60	TAPE	1/1/1989	1350	3	LT	T	A5	E16	E09	332	17.77	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014			
132	112.3	205099109	3.00	3.05	0.313	24.000	400	25.60	TAPE	1/1/1989	341	3	LT	T	A5	E16	E09	332	20.16	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014			
132	112.7	205117078	3.05	3.07	0.281	24.000	400	42.70	HAA	1/1/1944	82	3	LT	T	A5	E16	E09	332	36.23	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/7/2014			
132	113	205117079	3.07	3.30	0.281	24.000	400	42.70	HAA	1/1/1944	1128	3	LT	T	A5	E16	E09	332	36.23	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/7/2014			
132	113.3	205099101	3.30	3.30	0.375	24.000	400	36.57	TAPE	1/1/1987	16	3	LT	T	A5	E16	E09	332	23.12	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014			
132	114	205099102	3.30	3.41	0.281	24.000	400	42.70	HAA	1/1/1944	592	3	LT	T	A5	E16	E09	332	37.65	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/7/2014			
132	114.3	205099539	3.41	3.44	0.500	24.000	400	22.86	SOMA	1/1/1963	140	3	LT	T	A5	E16	E09	332	19.77	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014			
132	115.5	205116289	3.44	3.46	0.281	24.000	400	42.70	HAA	1/1/1944	104	3	LT	T	I5	E16	E09	332	37.65	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/7/2014			
132	115.51	205116290	3.46	3.54	0.281	24.000	400	42.70	PCJ	1/1/1944	456	3	LT	T	I5	E16	E09	332	43.28	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/7/2014			
132	115.57	205116288	3.54	3.55	0.281	24.000	400	42.70	HAA	1/1/1944	50	3	LT	T	I5	E16	E09	332	42.45	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/7/2014			
132	115.6	205099550	3.55	3.61	0.281	24.000	400	42.70	TAPE	1/1/1944	345	3	LT	T	I5	E16	E09	332	44.58	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/7/2014			
132	116.5	205099548	3.61	3.72	0.375	24.000	400	21.33	TAPE	3/7/1986	912	3	LT	T	I5	E16	E09	332	21.64	Yes	No	No	No	No	Yes	Yes	Yes	Yes	No	Yes	10/7/2014		
132	117.2	205099547	3.72	3.92	0.281	24.000	400	42.70	TAPE	1/1/1944	1030	3	LT	T	I5	E16	E09	332	38.30	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/7/2014			
132	117.7	205099545	3.92	4.00	0.281	24.000	400	42.70	HAA	1/1/1944	428	3	LT	T	I5	E16	E09	332	30.28	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/7/2014			
132	117.8	205164068	4.00	4.00	0.375	24.000	400	24.62	UNK	1/1/1977	2	3	LT	T	I5	E16	E09	332	25.54	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/26/2017			
132	117.9	205164070	4.00	4.00	0.380	34.000	400	29.82	UNK	1/1/1977	24	3	LT	T	I5	E16	E09	470	21.27	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/26/2017			
132	118	205164071	4.00	4.29	0.344	34.000	400	38.01	TAPE	1/1/1977	2160	3	LT	T	I5	E16	E09	470	18.00	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014			
132	118.9	205164072	4.29	4.29	0.375	24.000	400	24.62	UNK	1/1/1977	2	3	LT	T	I5	E16	E09	332	22.73	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014			
132	119	205164073	4.29	4.35	0.281	24.000	400	42.70	HAA	1/1/1944	339	3	LT	T	I5	E16	E09	332	30.55	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/7/2014			
132	119.3	205164074	4.35	4.40	0.500	24.000	400	16.00	TAPE	1/1/1994	237	3	LT	T	B5	E16	E09	332	14.60	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014			
132	119.4	205164075	4.40	4.40	0.500	24.000	400	18.46	TAPE	1/1/1994	10	3	LT	T	B5	E16	E09	332	25.49	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/19/2017			
132	119.6	205099542	4.40	4.48	0.281	24.000	400	42.70	HAA	1/1/1944	411	3	LT	T	A5	E16	E09	332	30.55	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/7/2014			
132	120	205099543	4.48	4.70	0.281	24.000	400	42.70	HAA	1/1/1944	1224	3	LT	T	B5	E16	E09	332	30.55	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/7/2014			
132	121	205117080	4.70	4.87	0.281	24.000	400	42.70	HAA	1/1/1944	877	3	LT	T	A5	E16	E09	332	25.75	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/7/2014			
132	121.1	205117081	4.87	4.91	0.281	24.000	400	42.70	HAA	1/1/1944	215	3	LT	T	A5	E16	E09	332	25.75	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/7/2014			
132	121.3	205161338	4.91	4.91	0.313	24.000	400	36.57	HAA	1/1/1964	24	3	LT	T	A5	E16	E09	332	21.02	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014			
132	121.7	205161339	4.91	4.92	0.313	24.000	400	36.57	HAA	1/1/1964	26	3	LT	T	A5	E16	E09	332	21.02	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014			
132	122	205161340	4.92	5.13	0.281	24.000	400	42.70	HAA	1/1/1944	1088	3	LT	T	B5	E16	E09	332	25.75	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/7/2014			
132	122.1	205161341	5.13	5.42	0.281	24.000	400	42.70	HAA	1/1/1944	1632	3	LT	T	B5	E16	E09	332	31.14	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/7/2014			
132	122.3	205098988	5.42	5.42	0.313	24.000	400	36.57	HAA	1/1/1964	17	3	LT	T	A5	E16	E09	332	25.81	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014			
132	123	205098989	5.42	5.56	0.281	24.000	400	42.70	HAA	1/1/1944	709	3	LT	T	A5	E16	E09	332	30.55	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/7/2014			
132	123.1	205117086	5.56	5.74	0.281	24.000	400	42.70	HAA	1/1/1944	968	3	LT	T	B5	E16	E09	332	28.48	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/7/2014			
132	123.3	205117088	5.74	5.79	0.281	24.000	400	42.70	HAA	1/1/1944	222	3	LT	T	B5	E16	E09	332	26.64	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/7/2014			
132	123.4	205117090	5.79	5.98	0.281	24.000	400	42.70	HAA	1/1/1944	1024	3	LT	T	B5	E16	E09	332	27.88	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/7/2014			
132	123.5	205117092	5.98	6.05	0.281	24.000	400	42.70	HAA	1/1/1944	377	3	LT	T	B5	E16	E09	332	26.64	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/7/2014			
132	123.8	205117093	6.05	6.41	0.281	24.000	400	42.70	HAA	1/1/1944	1905	3	LT	T	B5	E16	E09	332	27.88	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/7/2014			
132	124	205098836	6.41	7.06	0.281	24.000	400	42.70	HAA	1/1/1944	3414	3	LT	T	B5	E16	E09	332	27.88	Yes	No	No	Yes	Yes	Yes								

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EQ PLAN	IC PLAN	SCC PLAN
132	132.3	205099952	10.16	10.16	0.313	24.000	400	36.57	HAA	1/1/1965	6	3	LT	T	I5	E16	E09	332	12.37	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	133	205099953	10.16	10.28	0.281	24.000	400	42.70	HAA	1/1/1944	659	3	LT	T	I5	E16	E09	332	25.75	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	10/7/2014	
132	133.3	205099950	10.28	10.29	0.313	24.000	400	36.57	HAA	1/1/1965	51	3	LT	T	I5	E16	E09	332	12.37	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	133.6	205099956	10.29	10.31	0.312	24.000	400	25.64	TAPE	1/1/1998	74	3	LT	T	I5	E16	E09	332	10.28	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	133.8	205163150	10.31	10.32	0.312	24.000	400	25.64	TAPE	1/1/1998	26	3	LT	T	I5	E16	E09	332	10.28	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	133.9	205163151	10.32	10.32	0.312	24.000	400	25.64	TAPE	1/1/1998	14	3	LT	T	I5	E16	E09	332	10.28	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	134.1	205099958	10.32	10.33	0.312	24.000	400	25.64	TAPE	1/1/1998	33	3	LT	T	I5	E16	E09	332	10.28	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	134.2	205099955	10.33	10.39	0.281	24.000	400	42.70	HAA	1/1/1944	367	3	LT	T	I5	E16	E09	332	25.75	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	10/7/2014	
132	134.3	205099944	10.39	10.39	0.313	24.000	400	36.57	TAPE	1/1/1969	1	3	LT	T	I5	E16	E09	332	20.31	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	134.6	205099945	10.39	10.41	0.313	30.000	400	45.71	TAPE	1/1/1969	101	3	LT	T	I5	E16	E09	415	23.19	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	134.9	205099946	10.41	10.41	0.313	24.000	400	29.54	TAPE	1/1/1969	15	3	LT	T	I5	E16	E09	332	18.29	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	136	205099947	10.41	10.55	0.281	24.000	400	37.96	HAA	1/1/1947	742	3	LT	T	I5	E16	E09	332	18.88	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	136.3	205099948	10.55	10.55	0.313	24.000	400	36.57	HAA	1/1/1966	3	3	LT	T	I5	E16	E09	332	13.44	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	137	205099949	10.55	10.68	0.313	30.000	400	36.92	HAA	1/1/1966	676	3	LT	T	I5	E16	E09	415	13.96	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	138	205099942	10.68	11.02	0.313	30.000	400	36.92	TAPE	1/1/1969	1805	3	LT	T	I5	E16	E09	415	15.07	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	139	205102527	11.02	11.15	0.313	30.000	400	36.92	HAA	1/1/1966	711	3	LT	T	I5	E16	E09	415	18.94	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	139.3	205102523	11.15	11.15	0.313	24.000	400	29.54	HAA	1/1/1966	2	3	LT	T	I5	E16	E09	332	16.22	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	140	205103061	11.15	11.99	0.281	24.000	400	37.96	HAA	1/1/1947	4373	3	LT	T	I5	E16	E09	332	24.51	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	140.3	205103062	11.99	12.01	0.313	24.000	400	29.54	TAPE	1/1/1989	157	3	LT	T	I5	E16	E09	332	10.57	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	141	205162396	12.01	12.12	0.281	24.000	400	37.96	HAA	1/1/1947	606	3	LT	T	B5	E16	E09	332	17.70	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	141.2	205162397	12.12	12.12	0.375	24.000	400	30.48	UNK	1/1/1976	6	3	LT	T	B5	E16	E09	332	18.12	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	141.5	205162938	12.12	13.00	0.281	24.000	400	37.96	HAA	1/1/1947	4659	3	LT	T	B5	E16	E09	332	19.83	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	142	205103071	13.00	13.26	0.281	24.000	400	37.96	HAA	1/1/1947	1373	3	LT	T	B5	E16	E09	332	19.83	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	143	205119245	13.26	13.29	0.281	24.000	400	37.96	HAA	1/1/1947	160	3	LT	T	I5	E16	E09	332	17.70	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	143.1	205119247	13.29	13.29	0.312	24.000	400	25.64	FBE	1/10/2004	11	3	LT	T	I5	E16	E09	332	10.07	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	143.2	205119249	13.29	13.40	0.312	24.000	400	25.64	FBE	1/10/2004	629	3	LT	T	I5	E16	E09	332	10.07	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	143.3	205119251	13.40	13.42	0.312	24.000	400	25.64	FBE	1/10/2004	96	3	LT	T	I5	E16	E09	332	7.67	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	143.4	205119256	13.42	13.57	0.312	24.000	400	25.64	FBE	1/10/2004	911	3	LT	T	I5	E16	E09	332	10.07	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	143.5	205119257	13.57	13.57	0.312	24.000	400	25.64	FBE	1/10/2004	19	3	LT	T	I5	E16	E09	332	10.07	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	143.6	205119255	13.57	13.58	0.312	24.000	400	25.64	FBE	1/10/2004	23	3	LT	T	I5	E16	E09	332	10.07	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	143.7	205119244	13.58	13.94	0.281	24.000	400	37.96	HAA	1/1/1947	1910	3	LT	T	I5	E16	E09	332	20.65	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	143.8	205162939	13.94	13.95	0.313	24.000	400	34.13	HAA	7/29/1959	30	3	LT	T	I5	E16	E09	332	19.83	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	143.9	205162940	13.95	13.95	0.313	24.000	400	34.13	HAA	7/29/1959	28	3	LT	T	I5	E16	E09	332	19.83	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	144	205103054	13.95	15.10	0.281	24.000	400	37.96	HAA	1/1/1947	5875	3	LT	T	I5	E16	E09	332	20.72	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	145	205102790	15.10	15.21	0.313	24.000	400	43.89	HAA	1/1/1957	564	3	LT	T	I5	E16	E09	332	21.55	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	145.5	205102791	15.21	15.61	0.313	24.000	400	43.89	HAA	1/1/1957	2106	3	LT	T	I5	E16	E09	332	21.55	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	146	205111560	15.61	15.80	0.281	24.000	400	37.96	HAA	1/1/1947	985	3	LT	T	I5	E16	E09	332	21.02	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	146.5	205111561	15.80	15.82	0.281	24.000	400	37.96	HAA	1/1/1947	114	3	LT	T	I5	E16	E09	332	18.88	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	149.2	205112924	17.12	17.28	0.281	24.000	400	37.96	HAA	1/1/1947	833	3	LT	T	I5	E16	E09	332	28.48	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	150	205112908	17.32	17.54	0.281	24.000	400	37.96	HAA	1/1/1947	1157	3	LT	T	I5	E16	E09	332	23.68	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	150.4	205112909	17.54	17.89	0.281	24.000	400	37.96	HAA	1/1/1947	1857	3	LT	T	I5	E16	E09	332	23.68	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	151.6	205161388	18.07	18.46	0.281	24.000	400	37.96	HAA	1/1/1947	2053	3	LT	T	B5	E16	E09	332	29.01	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	151.8	205161389	18.46	18.48	0.281	24.000	400	37.96	HAA	1/1/1947	94	3	LT	T	B5	E16	E09	332	18.88	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	152	205114881	18.48	18.49	0.313	24.000	400	43.89	HAA	1/1/1959	56	3	LT	T	B5	E16	E09	332	21.79	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	152.5	205114882	18.49	18.52	0.313	24.000	400	43.89	HAA	1/1/1959	177	3	LT	T	B5	E16	E09	332	21.79	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	152.8	205114880	18.52	18.59	0.313	24.000	400	43.89	HAA	1/1/1959	935	3	LT	T	B5	E16	E09	332	20.90	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	153	205114883	18.59	19.43	0.281	24.000	400	37.96	HAA	1/1/1947	4989	3	LT	T	B5	E16	E09	332	23.68	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	153.1	205114884	19.43	19.93	0.281	24.000	400	37.96	HAA	1/1/1947	3011	3	LT	T	B5	E16	E09	332	25.81	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014
132	15																													



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN		
132	171.03	205117944	31.11	31.16	0.375	30.000	400	30.77	HAA	1/1/1948	237	3	LT	T	A5	E16	E09	415	28.84	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/7/2014			
132	171.04	205111507	31.16	31.65	0.375	30.000	400	30.77	HAA	1/1/1948	2629	3	LT	T	A5	E16	E09	415	28.84	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/7/2014			
132	171.05	205117945	31.65	31.73	0.375	30.000	400	30.77	HAA	1/1/1948	423	3	LT	T	A5	E17	E10	415	19.62	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/19/2017			
132	171.25	205145467	32.74	32.92	0.375	30.000	400	30.77	HAA	1/1/1948	986	3	LT	T	I9	E13		415	28.72	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/20/2015			
132	171.3	205102183	32.92	32.92	0.313	30.000	400	45.71	HAA	1/1/1967	3	3	LT	T	I9	E13		415	20.60	Yes	No	No	No	No	Yes	Yes	No	Yes	12/20/2015			
132	171.6	205102184	32.92	33.00	0.313	36.000	400	44.31	HAA	1/1/1967	419	3	LT	T	I9	E13		498	22.33	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/20/2015		
132	172	205145464	33.00	33.15	0.313	36.000	400	44.31	HAA	1/1/1967	2546	3	LT	T	I9	E13		498	22.33	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/20/2015		
132	172.2	205113726	33.48	33.57	0.313	36.000	400	44.31	HAA	1/1/1967	467	3	LT	T	I5	E14	E07	498	14.99	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/21/2014		
132	172.3	205102179	33.57	33.57	0.313	30.000	400	45.71	HAA	1/1/1967	6	3	LT	T	I5	E14	E07	415	14.45	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/21/2014		
132	173	205113723	33.57	33.89	0.375	30.000	400	30.77	HAA	1/1/1948	1683	3	LT	T	I5	E14	E07	415	19.62	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	4/21/2014		
132	173.2	205128891	33.89	33.98	0.375	30.000	400	30.77	HAA	1/1/1948	479	3	LT	T	I8	E13		415	25.77	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	2/12/2013		
132	175.05	205117948	34.56	34.64	0.375	30.000	400	30.77	HAA	1/1/1948	423	3	LT	T	A5	E16	E09	415	19.62	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132	175.1	205113722	34.64	35.03	0.375	30.000	400	30.77	HAA	1/1/1948	2096	3	LT	T	A5	E16	E09	415	19.62	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132	175.15	205117949	35.03	35.11	0.375	30.000	400	30.77	HAA	1/1/1948	430	3	LT	T	A5	E14	E07	415	19.62	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	4/21/2014		
132	178.02	205113791	37.42	37.67	0.313	36.000	400	44.31	HAA	1/1/1964	1507	3	LT	T	I5	E14	E07	498	14.99	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/21/2014		
132	178.04	205117952	37.71	37.80	0.313	36.000	400	44.31	HAA	1/1/1964	536	3	LT	T	A5	E14	E07	498	14.99	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/21/2014		
132	178.05	205111516	37.80	38.39	0.313	36.000	400	44.31	HAA	1/1/1964	3464	3	LT	T	B5	E16	E09	498	19.82	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132	178.1	205102500	38.39	38.39	0.547	36.000	400	21.94	TAPE	1/1/1995	4	3	LT	T	I5	E16	E09	498	9.36	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132	178.2	205102499	38.39	38.39	0.313	24.000	400	25.60	TAPE	1/1/1995	25	3	LT	T	I5	E16	E09	332	10.07	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132	178.3	205102498	38.39	38.40	0.500	30.000	400	20.00	TAPE	1/1/1995	31	3	LT	T	I5	E16	E09	415	10.46	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132	178.4	205102504	38.40	38.40	0.500	24.000	400	16.00	TAPE	1/1/1995	19	3	LT	T	I5	E16	E09	332	10.63	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132	178.5	205161396	38.40	38.41	0.500	24.000	400	16.00	TAPE	1/1/1995	27	3	LT	T	I5	E16	E09	332	9.80	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132	178.55	205161397	38.41	38.68	0.500	24.000	400	16.00	TAPE	1/1/1995	1252	3	LT	T	I5	E16	E09	332	9.80	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132	178.6	205102501	38.68	38.93	0.313	24.000	400	25.60	TAPE	1/1/1995	1316	3	LT	T	I5	E16	E09	332	10.07	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132	178.7	205101825	38.93	38.93	0.375	30.000	400	26.67	TAPE	1/1/1995	4	3	LT	T	I5	E16	E09	415	10.46	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132	179.3	205101191	38.93	39.00	0.313	30.000	400	36.92	HAA	1/1/1961	354	3	LT	T	I5	E16	E09	415	18.88	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132	179.6	205101823	39.00	39.04	0.313	30.000	400	36.92	HAA	1/1/1961	211	3	LT	T	I5	E16	E09	415	21.09	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132	180	205101824	39.04	39.37	0.375	30.000	400	38.10	HAA	1/1/1956	1742	3	LT	T	B5	E16	E09	415	21.83	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132	181	205101800	39.37	39.49	0.375	30.000	400	30.77	HAA	1/1/1948	610	3	LT	T	A5	E16	E09	415	21.83	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132	181.2	205101818	39.49	39.49	0.375	30.000	400	26.67	TAPE	1/1/1995	5	3	LT	T	A5	E16	E09	415	10.46	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132	181.3	205101815	39.49	39.49	0.500	24.000	400	16.00	TAPE	1/1/1995	28	3	LT	T	A5	E16	E09	332	9.80	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132	181.4	205101820	39.49	39.55	0.500	24.000	400	16.00	TAPE	1/1/1995	583	3	LT	T	A5	E16	E09	332	14.60	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132	181.5	205101821	39.55	39.55	0.375	24.000	400	21.33	TAPE	1/1/1995	14	3	LT	T	A5	E16	E09	332	10.07	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132	181.6	205101817	39.55	39.55	0.375	30.000	400	30.77	TAPE	1/1/1995	6	3	LT	T	A5	E16	E09	415	16.55	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132	181.8	205101816	39.55	39.59	0.375	30.000	400	30.77	HAA	1/1/1948	200	3	LT	T	A5	E16	E09	415	26.81	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132	182.3	205101801	39.59	39.66	0.375	30.000	400	30.77	HAA	1/1/1954	360	3	LT	T	A5	E16	E09	415	27.12	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132	182.6	205101802	39.66	39.73	0.375	30.000	400	30.77	HAA	1/1/1948	367	3	LT	T	A5	E16	E09	415	27.12	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132	182.9	205101803	39.73	39.85	0.375	30.000	400	30.77	HAA	1/1/1948	681	3	LT	T	A5	E16	E09	415	27.12	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132	183	205101804	39.85	40.00	0.375	30.000	400	30.77	HAA	1/1/1948	769	3	LT	T	B5	E16	E09	415	27.12	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132	183.3	205162425	40.00	40.05	0.375	30.000	400	30.77	HAA	1/1/1948	232	3	LT	T	B5	E16	E09	415	24.91	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132	183.35	205162426	40.05	40.05	0.375	30.000	400	30.77	UNK	1/1/1995	4	3	LT	T	B5	E16	E09	415	16.55	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132	183.4	205164086	40.05	40.06	0.312	24.000	400	32.05	UNK	1/1/1995	60	3	LT	T	B5	E16	E09	332	21.35	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132	183.45	205164087	40.04	40.04	0.375	30.000	400	30.77	UNK	1/1/1995	10	3	LT	T	B5	E16	E09	415	16.55	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132	183.5	205162438	40.04	40.08	0.375	30.000	400	30.77	HAA	1/1/1948	179	3	LT	T	B5	E16	E09	415	24.91	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132	183.6	205162439	40.08	40.08	-0.250	30.000	400	-57.14	UNK	1/1/1961	6	3	LT	T	B5	E16	E09	415	34.62	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132	183.7	205162440	40.08	40.08	-0.250	30.000	400	-57.14	UNK	1/1/1961	7	3	LT	T	B5	E16	E09	415	34.62	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132	183.8	205162441	40.08	40.09	0.375	30.000	400	38.10	TAPE	1/1/1969	11	3	LT	T	B5	E16																

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EQ PLAN	IC PLAN	SCC PLAN		
132	189.9	205101799	43.63	43.64	0.375	30.000	400	30.77	HAA	1/1/1960	61	3	LT	T	A5	E16	E09	415	23.86	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/7/2014			
132	191	205113719	43.64	43.75	0.375	30.000	400	30.77	HAA	1/1/1948	570	3	LT	T	A5	E16	E09	415	27.80	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/7/2014			
132	193	205102061	45.08	45.23	0.375	30.000	400	30.77	HAA	1/1/1948	787	3	LT	T	I5	E16	E09	415	32.20	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/7/2014			
132	194	205120838	45.23	45.28	0.313	30.000	400	36.92	HAA	1/1/1968	261	3	LT	T	I5	E16	E09	415	27.18	Yes	No	No	No	No	Yes	Yes	No	Yes	10/7/2014			
132	194.1	205164080	45.28	45.43	0.313	30.000	400	36.92	HAA	1/1/1968	779	3	LT	T	I5	E16	E09	415	32.90	Yes	No	No	No	No	Yes	Yes	No	Yes	10/7/2014			
132	194.3	205164081	45.43	45.43	0.375	30.000	400	45.71	UNK	1/1/1992	4	3	LT	T	I5	E16	E09	415	39.71	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/7/2014			
132	194.5	205113715	45.43	45.52	0.375	30.000	400	30.77	HAA	1/1/1948	482	3	LT	T	I5	E16	E09	415	39.67	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/7/2014			
132	195	205153993	45.52	45.70	0.375	30.000	400	30.77	HAA	1/1/1948	926	3	LT	T	A5	E14		415	45.82	Yes	No	No	Yes	No	Yes	Yes	No	Yes	9/21/2016			
132	195.2	205117954	45.79	45.81	0.375	30.000	400	30.77	HAA	1/1/1948	105	3	LT	T	A5	E16	E09	415	24.60	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/7/2014			
132	195.3	205113713	45.81	45.85	0.375	30.000	400	30.77	HAA	1/1/1967	185	3	LT	T	A5	E16	E09	415	18.94	Yes	No	No	No	No	Yes	Yes	No	Yes	10/7/2014			
132	195.6	205113714	45.85	45.88	0.375	30.000	400	30.77	HAA	1/1/1967	184	3	LT	T	A5	E16	E09	415	29.03	Yes	No	No	No	No	Yes	Yes	No	Yes	10/7/2014			
132	196	205102078	45.88	46.00	0.375	30.000	400	30.77	HAA	1/1/1948	637	3	LT	T	I5	E16	E09	415	34.69	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/7/2014			
132	197	205102079	46.00	46.59	0.375	30.000	400	30.77	HAA	1/1/1948	3104	3	LT	T	I5	E16	E09	415	31.70	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/7/2014			
132	197.3	205102013	46.59	46.59	0.313	24.000	400	43.89	HAA	1/1/1948	21	3	LT	T	I5	E16	E09	332	25.69	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/7/2014			
132	197.5	205151419	46.59	46.61	0.313	24.000	145	21.09	HAA	1/1/1948	85	3	LT	T	I5	E16	E09	200	21.99	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/7/2014			
132	197.7	205151420	46.61	46.77	0.313	24.000	145	21.09	HAA	1/1/1948	880	3	LT	T	I5	E16	E09	200	21.99	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/7/2014			
132	198	205102011	46.77	47.65	0.313	24.000	145	21.09	HAA	1/1/1948	4630	3	LT	T	B5	E16	E09	200	25.83	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/7/2014			
132	199	205101499	47.65	47.95	0.344	24.000	145	12.04	HAA	1/1/1959	1584	3	LT	T	B5	E16	E09	200	28.19	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/7/2014			
132	200	205161431	47.95	48.52	0.313	24.000	145	21.09	HAA	1/1/1948	3223	3	LT	T	B5	E16	E09	200	21.99	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/7/2014			
132	200.2	205151432	48.52	49.50	0.313	24.000	145	21.09	HAA	1/1/1967	5546	3	LT	T	B5	E16	E09	200	22.83	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/7/2014			
132	200.3	205073522	49.50	49.53	0.313	24.000	145	21.09	HAA	1/1/1948	158	3	LT	T	I5	E16	E09	200	21.99	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/7/2014			
132	200.6	205073525	49.53	49.60	0.313	24.000	145	13.26	HAA	1/1/1966	385	3	LT	T	I5	E16	E09	200	18.24	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/7/2014			
132	200.9	205073509	49.60	49.60	0.281	24.000	145	14.74	TAPE	1/1/1978	4	3	LT	T	I5	E16	E09	200	16.30	Yes	No	No	No	No	Yes	Yes	No	Yes	10/7/2014			
132	201.2	205073510	49.60	49.61	0.250	24.000	145	16.57	TAPE	1/1/1978	94	3	LT	T	I5	E16	E09	200	16.30	Yes	No	No	No	No	Yes	Yes	No	Yes	10/7/2014			
132	201.5	205073511	49.61	49.71	0.312	24.000	145	17.87	HAA	12/6/1948	470	3	LT	T	I5	E16	E09	200	24.85	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/7/2014			
132	202	205073579	49.71	49.92	0.250	24.000	145	16.57	TAPE	1/1/1978	2464	3	LT	T	I5	E16	E09	200	20.47	Yes	No	No	No	No	Yes	Yes	No	Yes	10/7/2014			
132	202.3	205073512	49.92	49.92	0.313	24.000	145	9.28	FBE	1/1/1995	5	3	LT	T	I5	E16	E09	200	17.03	Yes	No	No	No	No	Yes	Yes	No	Yes	10/7/2014			
132	202.6	205073513	49.92	49.92	0.375	24.000	145	7.73	FBE	1/1/1995	13	3	LT	T	I5	E16	E09	200	17.03	Yes	No	No	No	No	Yes	Yes	No	Yes	10/7/2014			
132	202.9	205073514	49.92	49.97	0.375	24.000	145	7.73	FBE	1/1/1995	276	3	LT	T	I5	E16	E09	200	17.03	Yes	No	No	No	No	Yes	Yes	No	Yes	10/7/2014			
132	203.2	205073515	49.97	49.97	0.375	24.000	145	7.73	FBE	1/1/1995	5	3	LT	T	I5	E16	E09	200	17.03	Yes	No	No	No	No	Yes	Yes	No	Yes	10/7/2014			
132	203.5	205073516	49.97	49.97	0.313	24.000	145	9.28	FBE	1/1/1995	4	3	LT	T	I5	E16	E09	200	17.03	Yes	No	No	No	No	Yes	Yes	No	Yes	10/7/2014			
132	204	205153974	49.97	49.98	0.281	24.000	145	19.85	HAA	12/6/1948	57	3	LT	T	I5	E16	E09	200	24.85	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/7/2014			
132	204.1	205153975	49.98	50.16	0.281	24.000	145	19.85	HAA	12/6/1948	935	3	LT	T	I5	E16	E09	200	25.69	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/7/2014			
132	204.3	205073534	50.16	50.24	0.313	24.000	145	13.26	HAA	1/1/1963	400	3	LT	T	I5	E16	E09	200	18.91	Yes	No	No	No	No	Yes	Yes	No	Yes	10/7/2014			
132	205	205073536	50.24	50.79	0.281	24.000	145	19.85	HAA	12/6/1948	2913	3	LT	T	I5	E16	E09	200	25.69	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/7/2014			
132	205.3	205073573	50.79	50.85	0.313	24.000	145	13.26	HAA	1/1/1963	300	3	LT	T	I5	E16	E09	200	22.52	Yes	No	No	No	No	Yes	Yes	No	Yes	10/7/2014			
132	205.6	205073572	50.85	50.87	0.281	24.000	145	15.88	HAA	12/6/1948	181	3	LT	T	I5	E16	E09	200	19.86	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/7/2014			
132	206	205073507	50.87	51.00	0.313	24.000	145	13.26	HAA	1/1/1963	675	3	LT	T	I5	E16	E09	200	19.19	Yes	No	No	No	No	Yes	Yes	No	Yes	10/7/2014			
132	206.3	205073508	51.00	51.01	0.313	24.000	145	13.26	HAA	1/1/1966	43	3	LT	T	I5	E16	E09	200	14.30	Yes	No	No	No	No	Yes	Yes	No	Yes	10/7/2014			
132	207	205073519	51.01	51.39	0.281	24.000	145	19.85	HAA	12/6/1948	2025	3	LT	T	I5	E16	E09	200	25.69	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/7/2014			
132	207.3	205073540	51.39	51.42	0.313	24.000	145	13.26	HAA	1/1/1965	180	3	LT	T	I5	E16	E09	200	18.91	Yes	No	No	No	No	Yes	Yes	No	Yes	10/7/2014			
132	208	205151439	51.42	51.50	0.281	24.000	145	19.85	HAA	12/6/1948	398	3	LT	T	I5	E16	E09	200	24.85	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/7/2014			
132	209	205151440	51.50	51.53	0.281	24.000	145	19.85	HAA	12/6/1948	156	3	LT	T	I5	E16	E09	200	24.85	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/7/2014			
136	113.2	205114988	12.03	12.16	0.188	6.625	550	27.69	HAA	1/1/1945	675	3	LT	T	I5	E15	E08	108	22.99	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	9/17/2015		
136	113.4	205114990	12.16	12.23	0.188	6.625	550	27.69	HAA	1/1/1945	381	3	LT	T	I5	E15	E08	108	22.99	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	9/17/2015		
136	113.6	205114991	12.23	12.25	0.188	6.625	550	27.69	HAA	1/1/1945	101	3	LT	T	I5	E15	E08	108	22.99	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	9/17/2015		
136	114	205114992	12.25	12.52	0.188	6.625	550	27.69	HAA	1/1/1945	1433	3	LT	T	I5	E15	E08	108	22.99	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	9/17/2015		
136	114.6	205076979	12.80	12.86	0.188	6.625	550	23.07	TAPE	1/1/1976	341	3	LT	T	I5	E1																

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN		
138	138.1	205162496	45.60	45.79	0.219	12.750	650	45.05	HAA	1/1/1971	1208	3	LT	T	I6	E17	E10	225	23.05	Yes	No	No	No	No	Yes	Yes	No	No	Yes	11/1/2017		
138	138.4	205162499	45.86	45.90	0.219	12.750	650	45.05	HAA	1/1/1971	219	3	LT	T	I6	E17	E10	225	17.43	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/13/2017		
138	138.5	205123464	45.90	46.00	0.219	12.750	650	45.05	HAA	1/1/1971	649	3	LT	T	I1	E17	E10	225	17.43	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/13/2017		
138	139	205123465	46.00	46.09	0.219	12.750	650	45.05	HAA	1/1/1971	450	3	LT	T	I1	E17	E10	225	16.41	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/13/2017		
138	139.5	205162504	46.09	46.10	0.219	12.750	650	45.05	HAA	1/1/1971	78	3	LT	T	I2	E17	E10	225	16.41	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/13/2017		
138	139.9	205162507	46.19	46.26	0.219	12.750	650	45.05	HAA	1/1/1971	381	3	LT	T	I6	E17	E10	225	16.41	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/13/2017		
138	140	205079113	46.26	46.49	0.250	12.750	650	31.88	HAA	1/1/1971	1233	3	LT	T	I1	E17	E10	225	10.58	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/13/2017		
138	141	205079114	46.49	47.29	0.250	12.750	650	39.46	HAA	1/1/1971	4233	3	LT	T	B1	E17	E10	225	10.58	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/13/2017		
138	142	205079115	47.29	47.90	0.219	12.750	650	36.39	HAA	1/1/1971	3212	3	LT	T	B1	E17	E10	225	15.80	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/13/2017		
138	143	205079116	47.90	48.02	0.250	12.750	650	31.88	HAA	1/1/1971	595	3	LT	T	B1	E17	E10	225	10.58	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/13/2017		
138	144	205079117	48.02	48.26	0.250	12.750	650	39.46	HAA	1/1/1971	1266	3	LT	T	I1	E17	E10	225	15.74	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/13/2017		
138	144.3	205079118	48.26	48.29	0.250	12.750	650	31.88	HAA	1/1/1971	166	3	LT	T	I1	E17	E10	225	15.13	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/13/2017		
138	145	205079119	48.29	48.64	0.219	12.750	650	45.05	HAA	1/1/1971	1856	3	LT	T	I1	E17	E10	225	21.81	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/13/2017		
138	146	205123467	48.64	49.19	0.219	12.750	650	36.39	HAA	1/1/1971	2928	3	LT	T	I1	E17	E10	225	19.74	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/13/2017		
147	105.2	205113814	0.86	0.95	0.281	24.000	400	32.85	TAPE	1/1/1972	732	3	LT	T	A5	E16	E09	332	13.02	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
147	105.3	205102629	0.95	1.04	0.281	24.000	400	42.70	TAPE	1/1/1947	472	3	LT	T	A5	E16	E09	332	21.55	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
147	105.6	205113815	1.04	1.08	0.271	24.000	400	29.52	TAPE	1/1/1972	170	3	LT	T	A5	E16	E09	332	11.48	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
147	105.8	205113816	1.08	1.13	0.271	24.000	400	29.52	TAPE	1/1/1972	270	3	LT	T	A5	E16	E09	332	11.48	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
147	105.9	205162793	1.13	1.13	0.312	24.000	400	29.59	TAPE	1/1/1966	12	3	LT	T	A5	E16	E09	332	14.92	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
147	106	205162794	1.13	1.46	0.313	24.000	400	36.57	TAPE	1/1/1966	1797	3	LT	T	A5	E16	E09	332	24.98	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
147	107.4	205117956	1.81	1.87	0.281	24.000	400	42.70	TAPE	1/1/1947	355	3	LT	T	A5	E16	E09	332	39.43	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
147	107.7	205113820	1.87	1.92	0.281	24.000	400	42.70	TAPE	1/1/1947	249	3	LT	T	A5	E16	E09	332	39.43	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
147	108	205102647	1.92	2.07	0.313	20.000	400	30.48	TAPE	1/1/1957	734	3	LT	T	A5	E16	E09	277	19.55	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
147	109	205102648	2.07	2.32	0.250	20.000	400	45.71	HAA	1/1/1957	1330	3	LT	T	B5	E16	E09	277	15.17	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
147	109.3	205102649	2.32	2.35	0.281	20.000	400	35.59	HAA	1/1/1947	160	3	LT	T	B5	E16	E09	277	18.97	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
147	109.6	205154385	2.35	2.35	0.318	20.000	400	36.00	TAPE	1/1/1953	12	3	LT	T	B5	E16	E09	277	21.05	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
147	109.8	205154386	2.35	2.36	0.318	20.000	400	36.00	TAPE	1/1/1953	15	3	LT	T	B5	E16	E09	277	21.05	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
147	110	205102651	2.36	3.24	0.281	20.000	400	35.59	HAA	1/1/1947	4683	3	LT	T	B5	E16	E09	277	18.97	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
147	110.3	205102652	3.24	3.26	0.250	20.000	400	38.10	TAPE	1/1/1967	107	3	LT	T	I5	E16	E09	277	16.84	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
147	110.6	205102672	3.26	3.28	0.281	20.000	400	35.59	HAA	1/1/1947	130	3	LT	T	I5	E14	E09	277	21.05	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
147	110.9	205102671	3.28	3.28	0.250	20.000	400	38.10	TAPE	1/1/1947	2	3	LT	T	I5	E14	E09	277	19.03	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
147	111	205162797	3.28	3.28	0.375	24.000	400	24.62	TAPE	1/1/1991	2	3	LT	T	I5	E16	E09	332	10.07	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
147	111.1	205162798	3.28	3.37	0.313	24.000	400	25.60	TAPE	1/1/1991	483	3	LT	T	I5	E16	E09	332	10.07	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
147	111.2	205102670	3.37	3.37	0.375	20.000	400	20.51	TAPE	1/1/1991	3	3	LT	T	I5	E14	E09	277	13.97	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
147	111.3	205102654	3.37	3.40	0.375	20.000	400	20.51	TAPE	1/1/1990	172	3	LT	T	I5	E16	E09	277	10.68	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
147	111.6	205102655	3.40	3.40	0.313	20.000	400	24.62	TAPE	1/1/1987	4	3	LT	T	I5	E16	E09	277	9.81	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
147	112	205102656	3.40	3.56	0.313	24.000	400	25.60	TAPE	1/1/1987	862	3	LT	T	I5	E16	E09	332	10.08	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
147	112.3	205154367	3.56	3.57	0.313	24.000	400	25.60	TAPE	1/1/1987	21	3	LT	T	I5	E16	E09	332	10.08	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
147	113.3	205154368	3.57	3.57	0.313	24.000	375	24.00	TAPE	1/1/1987	4	3	LT	T	I5	E16	E09	322	10.03	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
148	112	205122631	14.94	15.15	0.277	8.625	408	18.15	HAA	1/1/1947	1068	3	LT	T	I5	E12		121	22.11	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
148	114	205122635	15.34	15.45	0.277	8.625	408	18.15	HAA	1/1/1947	568	3	LT	T	I5	E12		121	22.11	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
148	116	205122639	16.29	16.40	0.277	8.625	408	18.15	HAA	1/1/1947	581	3	LT	T	I5	E12		121	22.11	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
148	118	205122643	16.50	17.35	0.277	8.625	408	18.15	HAA	1/1/1947	4477	3	LT	T	I5	E12		121	22.91	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
148	120	205122646	17.56	17.62	0.277	8.625	408	18.15	HAA	1/1/1947	317	3	LT	T	I5	E12		121	22.11	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
148	121	205074767	17.62	17.63	0.188	8.625	408	22.28	HAA	1/1/1973	34	3	LT	T	I5	E17	E10	121	16.80	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2017		
150	118.2	205095758	17.51	17.51	0.188	6.625	200	8.39	TAPE	1/1/1978	6	3	LT	T	I1	E14	E07	65	21.34	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	1/19/2014		
150	118.3	205123265	17.51	17.90	0.203	6.625	200	10.88	HAA	1/1/1930	2210	3	LT	T	I1	E14	E07	65	32.79	Yes	No	No	Yes	Yes	Yes							

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010-HCA RISK	ED THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT		H3 THREAT		EC PLAN	IC PLAN	SCC PLAN
153	108.9	205098545	3.58	3.59	0.375	30.000	420	40.00	HAA	1/1/1978	28	3	LT	T	B1	I14	I07	425	18.23	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	110	205098505	3.59	5.00	0.375	30.000	420	32.31	HAA	1/1/1949	7543	3	LT	T	A1	I14	I07	425	26.26	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	111	205080915	5.00	5.17	0.375	30.000	420	32.31	HAA	1/1/1949	886	3	LT	T	A1	I14	I07	425	19.04	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	111.3	205080916	5.17	5.23	0.406	30.000	420	29.84	TAPE	1/1/1981	294	3	LT	T	A1	I14	I07	425	16.87	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	111.6	205080917	5.23	5.26	0.524	34.000	420	22.71	TAPE	1/1/1981	149	3	LT	T	A1	I14	I07	481	15.81	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	111.9	205080918	5.26	5.32	0.406	30.000	420	29.84	TAPE	1/1/1981	340	3	LT	T	A1	I14	I07	425	16.87	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	112	205115244	5.32	5.46	0.375	30.000	420	32.31	HAA	1/1/1949	768	3	LT	T	I5	I14	I07	425	21.26	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	113	205115245	5.46	6.01	0.375	30.000	420	32.31	HAA	1/1/1949	3104	3	LT	T	B1	I14	I07	425	21.26	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	113.3	205080920	6.01	6.04	0.500	30.000	420	21.00	TAPE	1/1/1984	148	3	LT	T	A1	I14	I07	425	16.07	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	114	205081083	6.04	6.40	0.375	30.000	420	32.31	HAA	1/1/1949	1952	3	LT	T	B1	I14	I07	425	19.04	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	114.3	205080921	6.40	6.40	0.375	30.000	420	40.00	HAA	1/1/1979	37	3	LT	T	A1	I14	I07	425	18.79	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	115	205080922	6.40	6.62	0.375	30.000	420	32.31	HAA	1/1/1949	1123	3	LT	T	A1	I14	I07	425	19.04	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	115.3	205080923	6.62	6.62	0.375	30.000	420	40.00	HAA	1/1/1979	32	3	LT	T	A1	I14	I07	425	18.79	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	115.6	205080924	6.62	6.68	0.375	30.000	420	32.31	HAA	1/1/1949	284	3	LT	T	A1	I14	I07	425	19.04	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	115.9	205081084	6.68	6.74	0.360	32.000	420	31.11	HAA	1/1/1966	320	3	LT	T	A1	I14	I07	453	17.40	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	116.2	205080925	6.74	6.76	0.375	30.000	420	32.31	HAA	1/1/1949	110	3	LT	T	A1	I14	I07	425	21.26	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	117	205080926	6.76	6.97	0.360	32.000	420	31.11	HAA	1/1/1967	1128	3	LT	T	A1	I14	I07	453	17.40	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	118	205080927	6.97	7.32	0.375	30.000	420	32.31	HAA	1/1/1949	1879	3	LT	T	A1	I14	I07	425	19.04	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	118.3	205080928	7.32	7.34	0.375	30.000	420	32.31	HAA	1/1/1977	65	3	LT	T	A1	I14	I07	425	17.18	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	119	205091981	7.34	9.18	0.375	30.000	420	32.31	HAA	1/1/1949	9862	3	LT	T	B1	I14	I07	425	19.00	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	119.3	205080934	9.18	9.18	0.375	30.000	420	40.00	HAA	1/1/1978	6	3	LT	T	I1	I14	I07	425	18.79	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	119.6	205080933	9.18	9.20	0.375	30.000	420	32.31	HAA	1/1/1949	4	3	LT	T	I1	I14	I07	425	19.04	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	119.9	205080932	9.20	9.20	0.375	24.000	420	25.85	HAA	1/1/1949	2	3	LT	T	I9	I14	I07	340	16.76	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	120.4	205080931	9.20	9.20	0.375	24.000	420	25.85	HAA	1/1/1949	2	3	LT	T	I9	I14	I07	340	21.52	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	122	205081077	9.20	9.60	0.375	30.000	420	32.31	HAA	1/1/1949	2037	3	LT	T	I1	I14	I07	425	26.20	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	122.3	205080929	9.60	9.63	0.313	30.000	420	48.00	HAA	1/1/1957	163	3	LT	T	I5	I14	I07	425	20.02	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	122.6	205081031	9.63	9.64	0.313	30.000	420	48.00	HAA	1/1/1957	68	3	LT	T	I5	I14	I07	425	20.02	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	123	205080935	9.64	9.79	0.375	30.000	420	32.31	HAA	1/1/1949	1098	3	LT	T	I5	I14	I07	425	18.14	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	123.2	205132603	9.79	10.01	0.375	30.000	420	28.00	FBE	12/15/2000	1328	3	LT	T	I5	I14	I07	425	8.01	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	123.4	205132605	10.01	10.28	0.375	30.000	420	28.00	FBE	6/27/2006	1129	3	LT	T	A9	I14	I07	425	8.01	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	123.6	205132607	10.28	10.35	0.375	30.000	420	32.31	HAA	1/1/1949	345	3	LT	T	A6	I14	I07	425	18.14	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	124	205101668	10.35	12.99	0.375	30.000	420	32.31	HAA	1/1/1949	14011	3	LT	T	I1	I14	I07	425	18.38	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	124.3	205101679	12.99	13.01	0.375	30.000	420	38.18	HAA	1/1/1955	71	3	LT	T	I1	I14	I07	425	18.42	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	125	205101580	13.01	13.47	0.375	30.000	420	32.31	HAA	1/1/1949	2465	3	LT	T	I1	I14	I07	425	20.88	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	125.3	205101581	13.47	13.50	0.424	30.000	420	22.86	TAPE	1/1/1982	129	3	LT	T	I1	I14	I07	425	10.51	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	126	205101664	13.50	13.61	0.375	30.000	420	32.31	HAA	1/1/1949	600	3	LT	T	I1	I14	I07	425	20.64	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	126.3	205147814	13.61	13.61	0.375	24.000	420	25.85	HAA	1/1/1949	6	3	LT	T	I1	I14	I07	340	18.31	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	126.4	205147815	13.61	13.61	0.375	24.000	420	25.85	HAA	1/1/1949	6	3	LT	T	I1	I14	I07	340	16.17	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	126.6	205101683	13.61	13.62	0.375	30.000	420	32.31	HAA	1/1/1949	34	3	LT	T	I1	I14	I07	425	18.42	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	126.9	205101684	13.62	13.64	0.313	30.000	420	38.77	HAA	1/1/1968	103	3	LT	T	I1	I14	I07	425	11.62	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	128	205101685	13.64	14.02	0.375	30.000	420	32.31	HAA	1/1/1949	2056	3	LT	T	I1	I14	I07	425	20.88	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	128.3	205101686	14.02	14.04	0.375	30.000	420	32.31	HAA	1/1/1969	64	3	LT	T	I1	I14	I07	425	17.68	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	128.5	205115241	14.04	14.10	0.375	30.000	420	32.31	HAA	1/1/1949	337	3	LT	T	I1	I14	I07	425	18.42	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	129	205115240	14.32	14.82	0.375	30.000	420	32.31	HAA	1/1/1949	2664	3	LT	T	I1	I14	I07	425	20.64	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	129.3	205101688	14.82	14.84	0.375	30.000	420	38.18	HAA	1/1/1952	112	3	LT	T	B1	I14	I07	425	18.42	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	130	205101657	14.84	15.52	0.375	30.000	420	32.31	HAA	1/1/1949	3629	3	LT	T	B1	I14	I07	425	26.20	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/20/2014		
153	130.3	205101659	15.52	15.55	0.375	30.000	420	40.00	HAA	1/1/1954	162	3	LT	T	A1	I14	I07	425	27.81	Yes	No	No	Yes	No	Yes	Yes						



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN
153	138.3	205080686	19.75	19.77	0.375	24.000	246	18.74	HAA	1/1/1972	117	3	LT	T	B1	E12	E07	260	16.05	Yes	No	No	No	No	Yes	Yes	No	Yes		
153	138.8	205114426	19.77	19.94	0.313	24.000	246	26.99	HAA	1/1/1949	926	3	LT	T	A1	E12	E07	260	22.26	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
153	139	205119147	19.94	19.96	0.313	24.000	246	26.99	HAA	1/1/1949	67	3	LT	T	A5	E12	E07	260	17.97	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
153	139.2	205119150	20.01	20.06	0.313	24.000	246	26.99	HAA	1/1/1949	254	3	LT	T	A5	E12	E07	260	17.11	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
153	139.3	205073231	20.06	20.06	0.375	24.000	246	18.74	TAPE	1/1/1996	8	3	LT	T	I1	E12	E07	260	9.47	Yes	No	No	No	No	Yes	Yes	No	Yes		
153	139.6	205073232	20.06	20.06	0.375	24.000	246	13.12	TAPE	1/1/1996	24	3	LT	T	I1	E12	E07	260	9.47	Yes	No	No	No	No	Yes	Yes	No	Yes		
153	139.9	205073230	20.06	20.06	0.375	24.000	246	18.74	TAPE	1/1/1996	7	3	LT	T	I1	E12	E07	260	9.47	Yes	No	No	No	No	Yes	Yes	No	Yes		
153	140.2	205073225	20.06	20.07	0.313	24.000	246	26.99	HAA	1/1/1949	2	3	LT	T	I1	E12	E07	260	17.11	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
153	140.5	205073226	20.07	20.07	0.313	24.000	246	26.99	HAA	1/1/1967	6	3	LT	T	I1	E12	E07	260	16.42	Yes	No	No	No	No	Yes	Yes	No	Yes		
153	140.8	205135451	20.07	20.07	0.313	16.000	246	12.11	HAA	1/1/1967	8	3	LT	T	I1	E12	E07	174	15.26	Yes	No	No	No	No	Yes	Yes	No	Yes		
153	140.9	205135452	20.07	20.07	0.313	16.000	246	12.11	HAA	1/1/1967	8	3	LT	T	I1	E12	E07	174	15.26	Yes	No	No	No	No	Yes	Yes	No	Yes		
153	141.1	205073228	20.07	20.07	0.313	24.000	246	26.99	HAA	1/1/1967	6	3	LT	T	I1	E12	E07	260	16.42	Yes	No	No	No	No	Yes	Yes	No	Yes		
153	141.4	205073229	20.07	20.13	0.313	24.000	246	26.99	HAA	1/1/1949	317	3	LT	T	A1	E12	E07	260	17.11	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
153	142.3	205073235	20.13	20.13	0.375	24.000	246	18.74	TAPE	1/1/1996	7	3	LT	T	A1	E12	E07	260	9.47	Yes	No	No	No	No	Yes	Yes	No	Yes		
153	142.6	205073234	20.13	20.13	0.375	24.000	246	13.12	TAPE	1/1/1996	21	3	LT	T	A1	E12	E07	260	9.47	Yes	No	No	No	No	Yes	Yes	No	Yes		
153	142.9	205073233	20.13	20.13	0.375	24.000	246	18.74	TAPE	1/1/1996	9	3	LT	T	A1	E12	E07	260	9.47	Yes	No	No	No	No	Yes	Yes	No	Yes		
153	143	205073238	20.13	20.45	0.313	24.000	246	26.99	HAA	1/1/1949	1657	3	LT	T	B1	E12	E07	260	17.11	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
153	143.3	205073239	20.45	20.45	0.375	24.000	246	15.14	FBE	1/1/1996	3	3	LT	T	I1	E12	E07	260	9.47	Yes	No	No	No	No	Yes	Yes	No	Yes		
153	143.6	205073240	20.45	20.45	0.375	24.000	246	13.12	FBE	1/1/1996	21	3	LT	T	I1	E12	E07	260	9.47	Yes	No	No	No	No	Yes	Yes	No	Yes		
153	143.8	205115923	20.45	20.67	0.375	24.000	246	13.12	FBE	1/1/1996	1223	3	LT	T	I1	E12	E07	261	9.06	Yes	No	No	No	No	Yes	Yes	No	Yes		
153	143.9	205115924	20.67	20.80	0.375	24.000	246	13.12	FBE	1/1/1996	736	3	LT	T	I6	E17	E10	261	9.06	Yes	No	No	No	No	Yes	Yes	No	Yes		
153	144	205115922	20.80	21.24	0.375	24.000	246	13.12	FBE	1/1/1996	2415	3	LT	T	I1	E12	E07	261	9.06	Yes	No	No	No	No	Yes	Yes	No	Yes		
153	144.3	205073451	21.24	21.24	0.500	30.000	246	12.30	FBE	1/1/1996	10	3	LT	T	I1	E12	E07	325	15.09	Yes	No	No	No	No	Yes	Yes	No	Yes		
153	144.5	205115919	21.24	21.81	0.313	30.000	246	22.71	HAA	1/1/1967	2899	3	LT	T	I1	E12	E07	326	16.70	Yes	No	No	No	No	Yes	Yes	No	Yes		
153	145.15	205145365	22.21	22.32	0.313	30.000	246	22.71	HAA	1/1/1967	532	3	LT	T	I9	E12	E07	326	22.60	Yes	No	No	No	No	Yes	Yes	No	Yes		
153	145.2	205115918	22.32	22.65	0.313	30.000	246	22.71	HAA	1/1/1967	1675	3	LT	T	I1	E12	E07	326	16.70	Yes	No	No	No	No	Yes	Yes	No	Yes		
153	145.3	205073386	22.65	22.66	0.313	24.000	246	18.17	HAA	1/1/1967	75	3	LT	T	I9	E12	E07	261	21.43	Yes	No	No	No	No	Yes	Yes	No	Yes		
153	146	205073387	22.66	22.87	0.313	24.000	246	26.99	HAA	1/1/1949	1119	3	LT	T	I1	E12	E07	261	22.31	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
153	147	205136394	22.87	22.87	0.313	24.000	246	26.99	HAA	1/1/1949	6	3	LT	T	I1	E12	E07	260	23.17	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
153	147.05	205136395	22.87	23.13	0.313	24.000	246	26.99	HAA	1/1/1949	1454	3	LT	T	I1	E12	E07	260	24.03	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
153	147.1	205135922	23.13	23.18	0.375	24.000	246	13.12	FBE	3/19/2007	246	3	LT	T	I6	E12	P07	261	9.61	Yes	No	No	No	No	Yes	Yes	No	Yes		
153	147.2	205135926	23.18	23.20	0.375	24.000	246	13.12	FBE	3/19/2007	120	3	LT	T	I6	E12	P07	261	9.61	Yes	No	No	No	No	Yes	Yes	No	Yes		
153	147.3	205135925	23.20	23.27	0.375	24.000	246	13.12	FBE	3/19/2007	355	3	LT	T	I6	E12	P07	261	9.61	Yes	No	No	No	No	Yes	Yes	No	Yes		
153	147.45	205135932	23.27	23.32	0.313	24.000	246	26.99	HAA	1/1/1949	332	3	LT	T	I1	E12	E07	260	18.88	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
153	147.6	205135931	23.32	23.34	0.375	24.000	246	13.12	FBE	3/19/2007	154	3	LT	T	I6	E12	P07	261	9.61	Yes	No	No	No	No	Yes	Yes	No	Yes		
153	147.7	205135936	23.34	23.77	0.313	24.000	246	26.99	HAA	1/1/1949	2422	3	LT	T	I1	E12	E07	261	20.83	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
153	147.71	205135942	23.77	23.77	0.375	24.000	246	13.12	FBE	3/19/2007	7	3	LT	T	I1	E12	E07	260	9.47	Yes	No	No	No	No	Yes	Yes	No	Yes		
153	147.78	205135939	23.77	25.11	0.313	24.000	246	26.99	HAA	1/1/1949	7667	3	LT	T	I1	E12	E07	261	31.70	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
153	147.79	205135425	25.11	25.11	0.375	24.000	246	18.74	TAPE	1/1/1996	22	3	LT	T	I1	E12	E07	260	14.62	Yes	No	No	No	No	Yes	Yes	No	Yes		
153	147.8	205135426	25.11	25.11	0.375	24.000	246	18.74	TAPE	1/1/1996	18	3	LT	T	I1	E12	E07	261	14.62	Yes	No	No	No	No	Yes	Yes	No	Yes		
153	147.9	205115909	25.11	26.05	0.313	24.000	246	26.99	HAA	1/1/1949	4965	3	LT	T	I1	E12	E07	261	27.65	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
153	148	205115910	26.05	26.27	0.313	24.000	246	26.99	HAA	1/1/1949	1152	3	LT	T	I6	E17	E10	261	33.09	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
153	148.4	205115908	26.27	26.53	0.313	24.000	246	26.99	HAA	1/1/1949	1366	3	LT	T	I1	E12	E07	261	32.29	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
153	150	205136376	26.62	27.76	0.313	24.000	246	26.99	HAA	1/1/1949	5943	3	LT	T	I1	E12	E07	261	35.19	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
153	150.5	205136377	27.76	27.78	0.313	24.000	246	26.99	HAA	1/1/1949	111	3	LT	T	I1	E12	E07	260	23.46	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
153	151	205136392	27.78	27.83	0.313	20.000	246	22.49	HAA	1/1/1949	281	3	LT	T	I1	E12	E07	217	21.28	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
153	152	205136393	27.83	27.88	0.313	20.000	150	13.71	HAA	1/1/1949	281	3	LT	T	I1	E12	E07	170	20.32	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
167	126.2	205163521	29.42	29.69	0.281	16.000	800	54.23	HAA	1/1/1954	1405	2	LT	T	I3	E12	E07	313	29.47	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
167	126.5	205163522	29.69	29.70	0.281	16.000	800	54.23	HAA	1/1/1954	35	2	LT	T	I3	E12	E07	313	29.47	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
167	128.7	205122475	31.66	31.82	0.281	16.000	800	54.23	HAA	1/1/1954	873	3	LT	T	I5	E12	E07	313	19.99	Yes	No	No	Yes	No	Yes	Yes	No	Yes		
167	129	205087312	31.82	31.95	0.281	16.000	800	54.23	HAA	1/1/1954	707	3	LT	T	I5	E12	E07													

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN
173	103.72	205145879	1.93	2.10	0.281	12.750	500	27.01	HAA	1/1/1987	907	3	LT	T	A2	E14		198	12.99	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015
173	103.75	205154008	2.31	2.38	0.281	12.750	500	27.01	HAA	1/1/1987	352	3	LT	T	I6	E14		198	12.99	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/21/2016
173	103.76	205130248	2.38	2.51	0.281	12.750	500	27.01	HAA	1/1/1987	681	3	LT	T	I7	E12		198	12.99	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
173	103.8	205130250	2.51	2.55	0.281	12.750	500	27.01	HAA	1/1/1987	214	3	LT	T	I7	E12		198	12.99	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
173	103.81	205130251	2.55	2.73	0.281	12.750	500	27.01	HAA	1/1/1987	969	3	LT	T	I9	E12		197	12.99	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
173	103.9	205118994	2.73	3.08	0.281	12.750	500	27.01	HAA	1/1/1987	1862	3	LT	T	B5	E14	E07	198	9.43	Yes	No	No	No	No	Yes	Yes	No	No	Yes	3/7/2014
173	104	205145880	3.08	3.13	0.172	8.625	500	29.85	HAA	1/1/1986	230	3	LT	T	I2	E14		134	20.36	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015
173	105.2	205161203	3.36	3.45	0.188	8.625	500	27.31	HAA	1/1/1962	473	3	LT	T	I3	E14		134	24.75	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	7/28/2017
173	105.8	205131063	5.17	5.30	0.188	8.625	500	27.31	HAA	1/1/1962	680	3	LT	T	I7	E12		134	29.10	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012
173	107.8	205118996	5.99	6.03	0.188	8.625	500	27.31	XTRUPL	1/1/1969	229	3	LT	T	I5	E14	E07	134	26.47	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	3/7/2014
173	107.9	205078483	6.03	6.14	0.172	8.625	500	29.85	XTRUPL	1/1/1974	570	3	LT	T	I5	E14	E07	134	22.55	Yes	No	No	No	No	Yes	Yes	No	No	Yes	3/7/2014
173	108	205118997	6.14	6.53	0.172	8.625	500	29.85	XTRUPL	1/1/1974	2074	3	LT	T	I5	E14	E07	134	22.55	Yes	No	No	No	No	Yes	Yes	No	No	Yes	3/7/2014
173	108.15	205136005	6.80	6.91	0.172	8.625	500	29.85	XTRUPL	1/1/1974	594	3	LT	T	I6	E12		134	23.57	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
173	108.2	205119000	7.30	7.63	0.172	8.625	500	29.85	XTRUPL	1/1/1974	1712	3	LT	T	I5	E14	E07	134	18.20	Yes	No	No	No	No	Yes	Yes	No	No	Yes	3/7/2014
173	108.5	205078470	7.63	7.63	0.172	6.625	500	-27.51		1/1/1974	4	3	LT	T	I5	E14	E07	103	22.03	Yes	No	No	No	No	Yes	Yes	No	No	Yes	3/7/2014
173	109	205078469	7.63	7.91	0.188	6.625	500	20.98	HAA	1/1/1963	3483	3	LT	T	I5	E14	E07	103	19.71	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	3/7/2014
173	110.1	205078471	7.91	7.91	0.156	6.625	500	25.28		1/1/1977	1	3	LT	T	I5	E14	E07	103	22.03	Yes	No	No	No	No	Yes	Yes	No	No	Yes	3/7/2014
173	110.5	205119013	7.91	8.07	0.172	8.625	500	29.85	XTRUPL	1/1/1977	877	3	LT	T	I5	E14	E07	134	18.20	Yes	No	No	No	No	Yes	Yes	No	No	Yes	3/7/2014
173	110.7	205133590	8.25	8.48	0.172	8.625	500	29.85	XTRUPL	1/1/1977	1207	3	LT	T	I5	E14	E07	134	18.20	Yes	No	No	No	No	Yes	Yes	No	No	Yes	3/7/2014
173	110.9	205078474	8.48	8.49	0.156	6.625	500	25.28		1/1/1977	60	3	LT	T	I5	E14	E07	103	22.03	Yes	No	No	No	No	Yes	Yes	No	No	Yes	3/7/2014
173	111	205119019	8.49	8.84	0.188	6.625	500	20.98	HAA	1/1/1963	1855	3	LT	T	I5	E14	E07	103	17.17	Yes	No	No	No	No	Yes	Yes	No	No	Yes	3/7/2014
173	112.5	205119023	10.23	10.41	0.188	6.625	500	20.98	HAA	1/1/1963	888	3	LT	T	I5	E14	E07	103	17.17	Yes	No	No	No	No	Yes	Yes	No	No	Yes	3/7/2014
173	112.65	205145890	11.73	11.79	0.188	6.625	500	20.98	HAA	1/1/1963	302	3	LT	T	I1	E12		103	21.82	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
173	112.7	205119027	12.39	13.55	0.188	6.625	500	20.98	HAA	1/1/1963	5748	3	LT	T	I5	E14	E07	103	17.17	Yes	No	No	No	No	Yes	Yes	No	No	Yes	3/7/2014
173	112.85	205119031	14.23	14.66	0.188	6.625	500	20.98	HAA	1/1/1963	2136	3	LT	T	I5	E14	E07	103	18.02	Yes	No	No	No	No	Yes	Yes	No	No	Yes	3/7/2014
186	115.7	205121245	9.34	9.35	0.156	4.500	250	8.59	HAA	1/1/1977	58	3	LT	T	I5	E11		50	24.16	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
186	115.8	205090018	9.35	9.40	0.188	4.500	250	8.55	HAA	1/1/1959	252	3	LT	T	I5	E11		50	29.50	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011
186	116.1	205090032	9.40	9.40	0.156	4.500	250	10.30	TAPE	1/1/1996	13	3	LT	T	I5	E11		50	21.32	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
186	116.4	205090019	9.40	9.46	0.280	6.625	250	8.45	HAA	1/1/1954	326	3	LT	T	I5	E11		73	28.11	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011
186	118.1	205128664	9.57	9.66	0.280	6.625	250	8.45	HAA	1/1/1954	440	3	LT	T	I3	E11		73	27.90	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011
186	129	205090039	24.09	24.19	0.280	6.625	250	8.45	HAA	1/1/1954	550	3	LT	T	I2	E11		73	24.99	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
186	130	205146163	24.19	24.27	0.280	6.625	250	8.45	HAA	1/1/1954	411	1	LT	T	I2	E11		73	19.51	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
186	133	205119101	26.43	26.54	0.148	4.500	250	10.86	HAA	1/1/1965	525	3	LT	T	I1	E11		50	24.16	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
187	127.1	205119495	32.70	33.06	0.188	8.625	313	17.09	HAA	1/1/1952	1884	3	LT	T	I5	E13	E06	106	24.27	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/3/2013
187	127.4	205160455	33.22	33.32	0.188	8.625	313	17.09	HAA	1/1/1952	486	3	LT	T	I3	E13		106	27.01	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	8/18/2017
187	138.35	205139794	41.05	41.06	0.188	8.625	313	17.09	HAA	1/1/1952	45	3	LT	T	I6	E13		106	31.14	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/23/2015
187	138.4	205074484	41.06	41.08	0.188	8.625	313	17.09	HAA	1/1/1952	120	3	LT	T	I6	E13		106	31.14	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/23/2015
187	138.6	205074485	41.08	41.15	0.188	8.625	313	17.09	HAA	1/1/1952	343	3	LT	T	I6	E13		106	29.55	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/23/2015
187	139	205139791	41.15	41.18	0.188	8.625	313	17.09	HAA	1/1/1956	158	3	LT	T	I6	E13		106	29.55	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/23/2015
187	139.2	205139790	41.24	41.34	0.188	8.625	313	17.09	HAA	1/1/1956	535	3	LT	T	I6	E13		106	29.55	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	5/2/2015
187	140	205074483	41.43	41.53	0.188	8.625	313	17.09	HAA	1/1/1952	554	3	LT	T	I5	E13	E06	106	24.27	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/3/2013
187	140.3	205074424	41.53	41.54	0.188	8.625	313	20.51	HAA	1/1/1956	53	3	LT	T	I5	E13	E06	106	22.07	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/3/2013
187	141.5	205119499	41.69	41.79	0.188	8.625	313	17.09	HAA	1/1/1952	496	3	LT	T	I5	E13	E06	106	28.84	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/3/2013
187	144	205119501	45.00	45.11	0.188	8.625	313	17.09	HAA	1/1/1952	592	3	LT	T	I5	E13	E06	106	23.19	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/3/2013
187	144.2	205119505	45.20	45.37	0.188	8.625	313	17.09	HAA	1/1/1952	909	3	LT	T	I5	E13	E06	106	23.19	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/3/2013
187	144.4	205119509	46.58	46.76	0.188	8.625	313	17.09	HAA	1/1/1952	976	3	LT	T	I5	E13	E06	106	23.19	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/3/2013
187	147.2	205119512	50.29	50.34	0.188	8.625	313	17.09	HAA	1/1/1952	248	3	LT	T	I5	E13	E06	106	23.19	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/3/2013
187	147.3	205082460	50.34	50.49	0.188	8.625	313	17.09	HAA	1/1/1952	376	3	LT	T	I5	E13	E06	106	23.19	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/3/2013
187	148	205119513	50.49	51.15	0.188	8.625	313	17.09	HAA	1/1/1952	3794	3	LT	T	I5	E13	E06	106	23.19	Yes	No	No	Yes	No	Yes	Yes	Yes	No		



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN
191	104	205092620	2.20	2.74	0.347	30.000	600	49.88	XTRUPL	1/1/1972	2914	3	LT	T	B5	E11		508	21.44	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
191	104.5	205133728	2.74	2.76	-0.312	34.000	600	77.84			100	-3	LT	T	B9	E11		576	43.73	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/31/2011	
191	105	205092603	2.76	3.06	0.438	34.000	600	48.52	XTRUPL	1/1/1972	1616	3	LT	T	B5	E11		575	23.75	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
191	105.3	205092604	3.06	3.08	0.406	34.000	600	48.31	XTRUPL	1/1/1972	116	3	LT	T	B5	E11		575	23.75	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
191	105.6	205092605	3.08	3.16	0.375	34.000	600	45.33	XTRUPL	1/1/1970	435	3	LT	T	B5	E11		575	24.74	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
191	105.9	205092606	3.16	3.20	0.406	34.000	600	48.31	XTRUPL	1/1/1972	161	3	LT	T	B5	E11		575	23.75	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
191	106.2	205092607	3.20	3.22	0.375	34.000	600	45.33	XTRUPL	1/1/1971	118	3	LT	T	B5	E11		575	23.75	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
191	107	205092608	3.22	3.62	0.406	34.000	600	48.31	XTRUPL	1/1/1972	2154	3	LT	T	B5	E11		575	23.75	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
191	107.3	205092609	3.62	3.68	0.375	34.000	600	45.33	XTRUPL	1/1/1970	308	3	LT	T	B5	E11		575	23.75	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
191	107.6	205092610	3.68	3.69	0.406	34.000	600	48.31	XTRUPL	1/1/1972	42	3	LT	T	B5	E11		576	23.75	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
191	108	205092611	3.69	3.86	0.347	30.000	600	49.88	XTRUPL	1/1/1972	932	3	LT	T	B5	E11		508	23.07	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
191	108.3	205092619	3.86	3.87	0.500	16.000	600	22.86	XTRUPL	1/1/1972	28	3	LT	T	A5	E11		271	17.71	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
191	108.6	205092612	3.87	3.88	0.375	16.000	338	17.17	HAA	1/1/1977	86	3	LT	T	B5	E11		204	14.77	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
191	108.9	205092617	3.88	3.88	0.313	24.000	338	30.90	HAA	1/1/1977	5	3	LT	T	B5	E11		305	22.45	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
191	110	205092613	3.88	4.45	0.313	24.000	338	30.90	HAA	1/1/1954	3038	3	LT	T	B5	E13	E06	305	21.69	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	6/4/2013
191	110.3	205092600	4.45	4.47	0.313	24.000	338	21.63	FBE	1/1/1995	146	3	LT	T	A5	E13	E06	305	9.94	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	6/4/2013
191	111	205092628	4.47	4.54	0.313	24.000	338	30.90	HAA	1/1/1954	348	3	LT	T	A5	E13	E06	305	19.59	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	6/4/2013
191	111.5	205092629	4.54	4.69	0.313	24.000	338	30.90	SOMA	1/1/1954	805	3	LT	T	B5	E13	E06	305	18.44	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	6/4/2013
191	111.7	205093042	4.69	5.14	0.313	24.000	338	30.90	HAA	1/1/1954	2467	3	LT	T	B5	E13	E06	305	21.93	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	6/4/2013
191	112	205093418	5.14	5.42	0.313	24.000	338	24.96	XTRUPL	1/1/1973	1514	3	LT	T	B5	E13	E06	305	14.50	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	6/4/2013
191	112.3	205093419	5.42	5.43	0.313	24.000	338	30.90	HAA	1/1/1954	46	3	LT	T	I5	E13	E06	305	21.96	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	6/4/2013
191	112.6	205165616	5.43	5.47	0.313	24.000	338	18.03	HAA	1/1/1965	213	3	LT	T	I5	E13	E06	305	15.76	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	6/4/2013
191	113	205165286	5.47	5.48	0.375	24.000	338	18.03	FBE	10/23/2009	13	3	LT	T	I6	E13		305	9.68	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/10/2017
191	113.1	205165288	5.48	5.60	0.375	24.000	338	18.03	FBE	10/23/2009	607	3	LT	T	I6	E13		305	9.68	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/10/2017
191	113.2	205165289	5.60	5.60	0.375	24.000	338	18.03	FBE	10/23/2009	16	3	LT	T	I6	E13		305	9.68	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/10/2017
191	113.3	205165619	5.60	5.91	0.313	24.000	338	30.90	HAA	1/1/1954	1652	3	LT	T	I5	E13	E06	305	21.96	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	6/4/2013
191	113.4	205116683	5.91	6.48	0.313	24.000	338	30.90	HAA	1/1/1954	2959	3	LT	T	I5	E11		305	27.80	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011
191	113.5	205116684	6.48	7.55	0.313	24.000	338	30.90	HAA	1/1/1954	5650	3	LT	T	I5	E13	E06	305	24.76	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	6/4/2013
191	113.6	205092633	7.55	7.57	0.312	24.000	338	21.67	FBE	1/1/1998	118	3	LT	T	I5	E11		305	13.49	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
191	113.7	205116685	7.57	8.09	0.313	24.000	338	30.90	HAA	1/1/1954	2751	3	LT	T	I5	E11		305	27.01	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011
191	113.75	205116687	8.09	8.16	0.313	24.000	338	30.90	HAA	1/1/1954	416	3	LT	T	A5	E11		305	23.85	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011
191	113.8	205132561	8.16	9.32	0.313	24.000	338	30.90	HAA	1/1/1954	6188	3	LT	T	B5	E11		305	29.46	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011
191	113.9	205132142	9.32	9.48	0.312	24.000	338	21.67	FBE	10/31/2005	747	3	LT	T	B6	E11		305	10.04	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
191	114.1	205132166	9.48	9.89	0.313	24.000	338	30.90	SOMA	1/1/1954	2211	3	LT	T	B5	E11		305	28.47	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011
202	110.1	205151922	16.75	16.92	0.156	6.625	600	30.33	XTRUPL	1/1/1969	759	3	LT	T	I5	E11		113	28.20	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
202	110.3	205077860	16.92	16.96	0.156	6.625	600	30.33	XTRUPL	1/1/1969	200	3	LT	T	I5	E11		113	28.20	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
202	111	205144986	16.96	17.05	0.156	6.625	600	30.33	XTRUPL	1/1/1969	483	3	LT	T	I6	E11		113	28.20	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
202	112.5	205118787	17.86	18.19	0.156	6.625	600	30.33	HAA	1/1/1969	1725	3	LT	T	I5	E11		112	27.08	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
202	113	205119197	18.19	18.34	0.156	6.625	600	30.33	HAA	1/1/1969	1097	3	LT	T	I5	E11		113	24.13	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
202	113.25	205160311	18.40	18.45	0.156	6.625	600	30.33	HAA	1/1/1969	361	3	LT	T	I3	E11		113	24.13	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
202	113.3	205160312	18.45	18.47	0.156	6.625	600	30.33	HAA	1/1/1969	138	3	LT	T	I3	E11		113	24.13	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
202	114	205119199	18.51	18.63	0.156	6.625	600	30.33	HAA	1/1/1986	645	3	LT	T	I5	E11		112	19.36	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011
202	120	205119225	22.97	23.09	0.156	6.625	600	30.33	HAA	1/1/1969	586	3	LT	T	I5	E11		113	24.13	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
209	106.5	205146188	3.92	3.93	0.141	4.500	479	18.20	TAPE	8/20/1974	80	3	LT	T	I5	E12		69	26.37	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
209	107	205117296	3.93	3.99	0.141	4.500	479	18.20	TAPE	8/20/1974	329	3	LT	T	I1	E12		69	26.37	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
215	106.23	205134901	6.87	6.98	0.219	12.750	890	49.82	TAPE	1/1/1972	599	3	LT	T	A9	E16	E09	263	23.03	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/3/2016
215	106.3	205082604	6.98	6.98	0.375	12.750	890	29.10	TAPE	1/1/1972	2	3	LT	T	A9	E16	E09	263	15.35	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/3/2016
215	107	205134902	6.98	7.04	0.500	12.750	890	32.42	TAPE	1/1/1972	260	3	LT	T	A9	E16	E09	263	16.84	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/3/2016
215	118.1	205122617	17.12	17.34	0.219	12.750	890	49.82	TAPE	1/1/1972	1144	3	LT	T	I5	E16	E09	263	19.13	Yes	No	No	No	No						

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN		
220	133.3	205095778	22.07	22.11	0.280	12.750	792	51.52	HAA	1/1/1938	227	3	LT	T	I1	E15	E10	249	25.03	Yes	No	No	Yes	Yes	Yes	No	No	Yes	5/18/2015			
220	133.6	205095779	22.11	22.11	0.280	12.750	792	-51.52		1/1/1981	2	3	LT	T	I1	E15	E10	249	14.25	Yes	No	No	No	No	Yes	No	No	Yes	5/18/2015			
220	133.9	205095780	22.11	22.14	0.250	10.750	792	48.65	XTRUPL	1/1/1981	193	3	LT	T	I1	E15	E10	210	14.98	Yes	No	No	No	No	Yes	Yes	No	No	Yes	5/18/2015		
220	134.2	205095787	22.14	22.17	0.250	10.750	792	48.65	HAA	1/1/1938	154	3	LT	T	I1	E14	E07	210	26.06	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	1/14/2014		
220	134.5	205147970	22.17	22.17	0.250	8.625	792	39.03	HAA	1/1/1938	5	3	LT	T	I1	E14	E07	168	25.06	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	1/14/2014		
220	135.5	205147971	22.17	22.17	0.250	8.625	500	24.64	HAA	1/1/1938	3	3	LT	T	I1	E14	E07	134	22.80	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	1/14/2014		
220	136	205095786	22.17	22.31	0.250	8.625	500	24.64	HAA	1/1/1937	1521	3	LT	T	I1	E14	E07	134	22.80	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	1/14/2014		
220	136.3	205095764	22.31	22.35	0.250	8.625	500	24.64	HAA	1/1/1937	222	3	LT	T	I1	E14	E07	134	22.80	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	1/14/2014		
220	137	205120875	22.35	22.41	0.172	8.625	500	29.85	TAPE	1/1/1980	313	3	LT	T	I1	E14	E07	134	18.20	Yes	No	No	No	No	Yes	Yes	No	No	Yes	1/14/2014		
220	137.5	205129629	22.41	22.58	0.172	8.625	500	29.85	TAPE	1/1/1980	891	3	LT	T	I8	E13		134	23.57	Yes	No	No	No	No	Yes	Yes	No	No	Yes	2/22/2013		
220	138	205120880	22.73	22.85	0.172	8.625	500	29.85	TAPE	1/1/1980	597	3	LT	T	I1	E14	E07	134	18.73	Yes	No	No	No	No	Yes	Yes	No	No	Yes	1/14/2014		
220	139	205120882	23.10	23.15	0.172	8.625	500	29.85	TAPE	1/1/1980	279	3	LT	T	I1	E14	E07	134	18.73	Yes	No	No	No	No	Yes	Yes	No	No	Yes	1/14/2014		
220	152.5	205120886	30.29	30.30	0.219	8.625	500	28.13	HAA	1/1/1937	39	3	LT	T	I1	E14	E07	134	19.75	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	1/14/2014		
220	152.6	205134858	30.29	30.29	0.219	8.625	500	28.13	HAA	1/1/1937	27	3	LT	T	I6	E14	E07	134	19.75	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	1/14/2014		
220	153	205089270	30.30	30.30	0.322	8.625	500	19.13	TAPE	10/6/1988	7	3	LT	T	I1	E14	E07	134	9.23	Yes	No	No	No	No	Yes	Yes	No	No	Yes	1/14/2014		
220	153.5	205089273	30.30	30.31	0.219	8.625	500	23.44	TAPE	10/6/1988	28	3	LT	T	I1	E14	E07	134	13.87	Yes	No	No	No	No	Yes	Yes	No	No	Yes	1/14/2014		
220	154	205089269	30.31	30.32	0.219	8.625	500	23.44	TAPE	1/1/1989	27	3	LT	T	I1	E14	E07	134	13.87	Yes	No	No	No	No	Yes	Yes	No	No	Yes	1/14/2014		
220	154.5	205165300	30.32	30.32	0.322	8.625	500	19.13	TAPE	1/1/1989	13	3	LT	T	I1	E14	E07	134	9.23	Yes	No	No	No	No	Yes	Yes	No	No	Yes	1/14/2014		
220	154.7	205165301	30.32	30.33	0.322	8.625	500	19.13	TAPE	1/1/1989	31	3	LT	T	I1	E14	E07	134	9.23	Yes	No	No	No	No	Yes	Yes	No	No	Yes	1/14/2014		
220	155	205089272	30.33	30.34	0.322	8.625	500	19.13	TAPE	10/6/1988	74	3	LT	T	I1	E14	E07	134	9.23	Yes	No	No	No	No	Yes	Yes	No	No	Yes	1/14/2014		
220	155.5	205089275	30.34	30.34	0.188	8.625	500	32.77	HAA	1/1/1960	25	3	LT	T	I1	E14	E07	134	15.80	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	1/14/2014		
220	156	205089276	30.34	30.36	0.219	8.625	500	23.44	TAPE	10/6/1988	151	3	LT	T	I1	E14	E07	134	13.87	Yes	No	No	No	No	Yes	Yes	No	No	Yes	1/14/2014		
220	156.3	205120887	30.36	30.46	0.219	8.625	500	28.13	HAA	7/16/1937	508	3	LT	T	I1	E14	E07	134	19.75	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	1/14/2014		
220	156.53	205129383	30.54	30.66	0.219	8.625	500	28.13	HAA	7/16/1937	631	3	LT	T	I8	E13		134	28.16	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	2/22/2013		
220	156.64	205162786	30.75	30.86	0.219	8.625	500	28.13	HAA	7/16/1937	566	3	LT	T	I6	E13		134	28.16	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	10/4/2017		
220	156.8	205120890	31.12	31.37	0.219	8.625	500	28.13	HAA	7/16/1937	1274	3	LT	T	I1	E14	E07	134	24.14	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	1/14/2014		
220	157	205089237	31.37	31.50	0.188	8.625	500	27.31	TAPE	1/1/1970	692	3	LT	T	I1	E14	E07	134	18.73	Yes	No	No	No	No	Yes	Yes	No	No	Yes	1/14/2014		
220	158	205089048	31.50	31.75	0.219	8.625	500	28.13	HAA	1/1/1937	1282	3	LT	T	I1	E14	E07	134	23.55	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	1/14/2014		
220	170	205146678	34.81	34.93	-0.141	8.625	500	-48.94	HAA	1/1/1937	600	2	LT	T	I6	E13		103	31.07	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	1/28/2016		
303	101	205093924	0.03	1.57	0.500	36.000	720	49.85	HAA	1/1/1963	8174	3	BB	T	B5	I15	I08	668	10.24	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	101.3	205093921	1.57	1.60	0.500	36.000	720	49.85	HAA	1/1/1963	170	3	BB	T	A5	I15	I08	668	14.12	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	101.6	205093922	1.60	1.61	0.563	36.000	720	44.27	HAA	1/1/1963	80	3	BB	T	A5	I15	I08	668	12.93	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	102	205116333	1.61	1.63	0.500	36.000	720	49.85	HAA	1/1/1963	130	3	BB	T	A5	I15	I08	668	14.12	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	102.02	205116335	1.63	1.75	0.500	36.000	720	49.85	HAA	1/1/1963	587	3	BB	T	A5	I15	I08	668	14.12	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	102.04	205116337	1.75	2.11	0.500	36.000	720	49.85	HAA	1/1/1963	1924	3	BB	T	I5	I15	I08	668	14.12	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	102.06	205116339	2.11	2.31	0.500	36.000	720	49.85	HAA	1/1/1963	1051	3	BB	T	A5	I15	I08	668	14.12	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	102.08	205116340	2.31	2.74	0.500	36.000	720	49.85	HAA	1/1/1963	2284	3	BB	T	A5	I15	I08	668	14.12	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	102.1	205092963	2.74	2.77	0.576	36.000	720	37.50	FBE	6/13/2000	397	3	BB	T	A5	I15	I08	668	11.28	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	102.5	205093457	2.77	4.00	0.500	36.000	720	49.85	HAA	1/1/1963	6403	3	BB	T	B5	I15	I08	668	14.12	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	103.04	205118735	4.77	4.90	0.500	36.000	720	49.85	HAA	1/1/1963	683	3	BB	T	A5	I15	I08	668	14.12	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	103.05	205116345	4.90	5.83	0.500	36.000	720	49.85	HAA	1/1/1963	4947	3	BB	T	A5	I15	I08	668	14.12	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	103.1	205116347	5.83	5.93	0.500	36.000	720	49.85	HAA	1/1/1963	552	3	BB	T	A5	I15	I08	668	14.12	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	103.15	205121149	5.93	7.56	0.500	36.000	720	49.85	HAA	1/1/1963	8673	3	BB	T	A5	I15	I08	668	23.78	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	103.16	205121146	7.56	7.74	0.500	36.000	720	39.88	PC	10/21/2004	940	3	BB	T	A5	I15	I08	668	18.44	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	103.17	205121152	7.74	7.77	0.500	36.000	720	49.85	HAA	1/1/1963	136	3	BB	T	A5	I15	I08	668	19.67	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	117.12	205118739	20.29	20.36	0.360	36.000	720	60.00	HAA	1/1/1966	355	3	BB	T	A5	I15	I08	668	15.97	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	117.13	205115205	20.36	20.43	0.360	36.000	720	60.00	HAA	1/1/1966	319	3	BB	T	A5	I15	I08	668	12.09	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EO PLAN	IC PLAN	SCC PLAN		
303	134	205098709	39.53	39.53	0.422	36.000	590	48.40	HAA	1/1/1963	787	3	BB	T	I1	I15	I08	604	13.76	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	135	205098701	39.53	39.72	0.422	36.000	590	48.40	HAA	1/1/1963	1000	3	BB	T	B1	I15	I08	604	9.97	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	135.3	205098702	39.72	39.73	0.469	36.000	590	43.55	SOMA	1/1/1963	60	3	BB	T	B1	I15	I08	604	10.37	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	136	205114831	39.73	40.95	0.422	36.000	590	48.40	HAA	1/1/1963	6414	3	BB	T	I1	I15	I08	604	9.97	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	136.2	205114832	40.95	41.09	0.422	36.000	590	48.40	HAA	1/1/1963	763	3	BB	T	B5	I15	I08	604	9.97	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	136.3	205098704	41.09	41.15	0.469	36.000	590	43.55	SOMA	1/1/1963	320	3	BB	T	I1	I15	I08	604	10.37	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	137	205098809	41.15	41.42	0.422	36.000	590	48.40	HAA	1/1/1963	1435	3	BB	T	B1	I15	I08	604	9.97	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	137.3	205098823	41.42	41.44	0.438	36.000	590	46.63	SOMA	1/1/1963	111	3	BB	T	B1	I15	I08	604	9.97	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	137.6	205098705	41.44	41.44	0.469	36.000	590	43.55	SOMA	1/1/1963	6	3	BB	T	B1	I15	I08	604	14.16	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	137.9	205098706	41.44	41.45	0.469	36.000	590	43.55	HAA	1/1/1963	22	3	BB	T	B1	I15	I08	604	14.16	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	139	205098707	41.45	41.75	0.422	36.000	590	48.40	HAA	1/1/1963	1615	3	BB	T	B1	I15	I08	604	19.77	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	139.3	205098708	41.75	41.79	0.469	36.000	590	43.55	HAA	1/1/1963	179	3	BB	T	B1	I15	I08	604	14.16	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	140	205098772	41.79	42.44	0.422	36.000	590	48.40	HAA	1/1/1963	3448	3	BB	T	B1	I15	I08	604	9.97	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	140.3	205098773	42.44	42.45	0.422	36.000	590	48.40	HAA	1/1/1965	53	3	BB	T	B1	I15	I08	604	11.71	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	141	205098774	42.45	42.76	0.422	36.000	590	48.40	HAA	1/1/1963	1657	3	BB	T	B1	I15	I08	604	15.38	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	141.3	205098959	42.76	42.81	0.469	36.000	590	43.55	SOMA	1/1/1963	241	3	BB	T	B1	I15	I08	604	15.78	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	141.6	205162457	42.81	42.84	0.422	36.000	590	48.40	HAA	1/1/1963	156	3	BB	T	B1	I15	I08	604	15.38	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/20/2015		
303	142.6	205162458	42.84	42.86	0.422	36.000	590	48.40	HAA	1/1/1963	123	3	BB	T	B1	S14	S08	604	23.52	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/14/2014		
304	102.05	205120556	3.19	3.25	0.250	12.750	825	50.09	HAA	1/1/1962	328	3	LT	T	I5	E11	E07	254	17.62	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
304	102.1	205095086	3.25	3.26	0.281	12.750	825	44.56	FBE	3/26/2003	60	3	LT	T	I5	E11	E07	254	12.55	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
304	102.2	205095087	3.26	4.21	0.250	12.750	825	50.09	HAA	1/1/1962	5130	3	LT	T	I5	E11	E07	254	18.47	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
304	102.3	205095057	4.21	4.25	0.281	12.750	825	44.56	TAPE	1/1/1995	209	3	LT	T	I5	E11	E07	254	11.75	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
304	103	205095064	4.25	4.57	0.250	12.750	825	50.09	HAA	1/1/1962	1461	3	LT	T	I5	E11	E07	254	17.62	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
304	103.3	205095060	4.57	4.58	0.281	12.750	825	44.56	TAPE	1/1/1997	84	3	LT	T	I9	E11	E07	254	11.75	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
304	103.7	205152356	4.58	4.59	0.250	12.750	825	50.09	HAA	1/1/1962	31	3	LT	T	I9	E11	E07	254	17.62	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
306	100.5	205080445	0.00	0.00	0.250	16.000	839	-111.87			75	1	LT	T	I1	E12	E07	321	45.07	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes	8/11/2012		10/27/2012	
306	100.6	205080447	0.00	0.00	0.250	20.000	839	-101.70			76	1	LT	T	I1	E12	E07	401	46.77	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes	8/11/2012		10/27/2012	
306	100.7	205080426	0.00	0.00	0.344	20.000	839	46.90	HAA	1/1/1962	80	1	LT	T	I1	E14	E07	401	28.85	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	8/11/2014		
306	101	205080444	0.00	0.17	0.250	20.000	839	55.93	HAA	1/1/1962	858	1	LT	T	I1	E12	E07	401	33.22	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	8/11/2012		
306	141.4	205072919	68.49	68.55	0.250	20.000	636	48.92	TAPE	1/1/1962	321	3	LT	T	A5	E14	E07	349	15.04	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	8/11/2014		
306	141.5	205072920	68.55	68.57	0.281	20.000	636	43.53	TAPE	1/1/1962	108	3	LT	T	A5	E14	E07	349	23.39	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	8/11/2014		
306	142.1	205072946	68.57	68.83	0.344	20.000	636	35.55	TAPE	1/1/1962	703	3	LT	T	A5	E14	E07	349	18.77	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	8/11/2014		
310	128.3	205119492	37.08	37.56	0.250	10.750	840	43.00	TAPE	1/1/1988	2635	3	LT	T	I5	E11		215	21.56	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
310	129	205074599	37.56	37.57	0.365	10.750	840	35.34	TAPE	1/1/1988	19	3	LT	T	I5	E11		215	20.11	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
314	119.2	205129246	24.75	24.92	-0.188	10.750	550	-37.44	HAA	1/1/1957	885	2	LT	T	I5	E13		174	21.85	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	1/31/2013		
375	101	205120968	0.00	0.33	0.375	16.000	475	24.13	TAPE	1/1/1989	1724	3	LT	T	I1	E11		241	17.30	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
375	101.5	205120970	0.33	0.50	0.375	16.000	475	24.13	TAPE	1/1/1989	921	3	LT	T	I5	E11		241	13.90	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
375	101.7	205120971	0.50	1.00	0.375	16.000	475	24.13	TAPE	1/1/1989	2625	3	LT	T	I1	E11		241	13.90	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
375	102	205130618	1.00	1.09	0.375	16.000	475	24.13	TAPE	1/1/1989	486	3	LT	T	A5	E11		241	13.90	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
375	102.5	205120974	1.45	1.88	0.375	16.000	475	24.13	TAPE	1/1/1989	2285	3	LT	T	I1	E11		241	13.90	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
375	103.4	205130218	3.07	3.28	0.375	16.000	475	24.13	TAPE	1/1/1989	1077	3	LT	T	I5	E11		241	13.90	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
375	103.5	205120977	3.95	4.00	0.375	16.000	475	24.13	TAPE	1/1/1989	282	3	LT	T	I1	E11		241	13.90	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011		
375	104	205120978	4.00	4.26	0.375	16.000	475	24.13	TAPE	1/1/1989	1347	3	LT	T	I1	E11		241	14.75	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011		
375	104.3	205123546	4.26	4.43	0.375	16.000	475	24.13	TAPE	1/1/1989	900	3	LT	T	I6	E11		242	13.90	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011		
375	104.4	205123547	4.43	4.65	0.375	16.000	475	24.13	TAPE	1/1/1989	1164	3	LT	T	I15	E11		241	13.90	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011		
375	104.5	205120982	4.65	4.84	0.375	16.000	475	24.13	TAPE	1/1/1989	1028	3	LT	T	I1	E11		241	14.75	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011		
400	158.9	205122179	80.04	80.13	0.438	36.000	887	70.10	SOMA	1/1/1961	471	1	BB	T	A5	E15	E10	741	13.81	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	11/5/2015</		

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EQ PLAN	IC PLAN	SCC PLAN		
400	290.3	205088858	185.80	185.82	0.531	36.000	907	59.13	SOMA	1/1/1961	80	1	BB	T	I1	E15	E10	749	8.36	Yes	No	No	Yes	No	Yes	No	Yes	11/5/2015				
400	292	205117284	185.82	186.44	0.438	36.000	907	71.68	SOMA	1/1/1961	3276	1	BB	T	I1	E15	E10	749	11.00	Yes	No	No	Yes	No	Yes	No	Yes	11/5/2015				
400	386.5	205121985	259.64	259.76	0.469	36.000	965	71.22	SOMA	1/1/1961	635	2	BB	T	A1	E15	E10	773	16.89	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/5/2015			
400	387	205081294	259.76	259.76	0.576	36.000	965	50.26	TAPE	1/1/1987	5	3	BB	T	A1	E15	E10	773	16.99	Yes	No	No	No	No	Yes	Yes	No	Yes	11/5/2015			
400	388	205081295	259.76	259.87	0.625	36.000	965	46.32	TAPE	1/1/1987	553	3	BB	T	A1	E15	E10	773	14.20	Yes	No	No	No	No	Yes	Yes	No	Yes	11/5/2015			
400	388.3	205081296	259.87	259.88	0.563	36.000	965	59.33	SOMA	1/1/1961	75	3	BB	T	A1	E15	E10	773	17.12	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/5/2015			
400	390	205121980	259.88	260.62	0.563	36.000	965	59.33	SOMA	1/1/1961	3932	3	BB	T	B1	E15	E10	773	22.47	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/5/2015			
400	394.2	205119868	262.93	263.41	0.469	36.000	965	71.22	SOMA	1/1/1961	2521	1	BB	T	I1	E15	E10	773	12.55	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/5/2015			
400	394.3	205081345	263.41	263.43	0.625	36.000	965	53.45	SOMA	1/1/1961	92	1	BB	T	I1	E15	E10	773	11.31	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/5/2015			
400	395	205119863	263.43	263.58	0.469	36.000	965	71.22	SOMA	1/1/1961	774	1	BB	T	I1	E15	E10	773	12.55	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/5/2015			
400	402.19	205146790	266.15	266.20	0.469	36.000	965	71.22	SOMA	1/1/1961	268	1	BB	T	I8	E15	E10	773	13.84	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/5/2015			
400	402.25	205146791	266.20	266.34	0.469	36.000	965	71.22	SOMA	1/1/1961	743	2	BB	T	I8	E15	E10	773	17.18	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/5/2015			
400	402.3	205081381	266.34	266.36	0.563	36.000	965	59.33	SOMA	1/1/1961	80	2	BB	T	I8	E15	E10	773	13.94	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/5/2015			
400	404	205081382	266.36	266.50	0.469	36.000	965	71.22	SOMA	1/1/1961	766	2	BB	T	I8	E15	E10	773	16.89	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/5/2015			
400	404.3	205081383	266.50	266.52	0.563	36.000	965	59.33	SOMA	1/1/1961	110	2	BB	T	I8	E15	E10	773	14.22	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/5/2015			
400	406	205081384	266.52	266.72	0.469	36.000	965	71.22	SOMA	1/1/1961	1062	2	BB	T	I8	E15	E10	773	16.89	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/5/2015			
400	406.3	205081385	266.72	266.77	0.563	36.000	965	59.33	SOMA	1/1/1961	271	2	BB	T	I8	E15	E10	773	13.94	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/5/2015			
400	406.6	205081386	266.77	266.85	0.469	36.000	965	71.22	SOMA	1/1/1961	395	2	BB	T	I1	E15	E10	773	17.18	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/5/2015			
400	406.9	205081387	266.85	266.86	0.563	36.000	965	59.33	SOMA	1/1/1961	78	2	BB	T	I1	E15	E10	773	14.51	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/5/2015			
400	408	205081388	266.86	267.37	0.563	36.000	965	59.33	SOMA	1/1/1961	2699	2	BB	T	I1	E15	E10	773	14.51	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/5/2015			
400	471	205119456	293.86	294.34	0.500	26.000	965	48.25	CONC	1/1/1961	2555	3	BB	T	I1	E15	E10	558	23.18	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/5/2015			
400	473.2	205115307	297.47	297.50	0.500	26.000	965	48.25	SOMA	1/1/1961	171	1	BB	T	I5	E13	E06	558	14.19	Yes	No	No	Yes	No	Yes	Yes	No	Yes	1/30/2013			
400	474	205093476	297.50	297.86	0.500	26.000	965	48.25	CONC	1/1/1961	1922	3	BB	T	I5	E13	E06	558	27.52	Yes	No	No	Yes	No	Yes	Yes	No	Yes	1/30/2013			
400	474.6	205093480	297.86	297.86	0.500	36.000	965	66.81	SOMA	1/1/1961	3	3	BB	T	I5	E15	E10	773	30.38	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/5/2015			
400	476	205093508	297.86	298.82	0.687	36.000	965	48.62	SOMA	1/1/1961	5056	3	BB	T	I5	E13	E06	773	19.35	Yes	No	No	Yes	No	Yes	Yes	No	Yes	1/30/2013			
400	476.3	205092966	298.82	298.84	0.687	36.000	965	48.62	SOMA	1/1/1963	93	3	BB	T	I5	E13	E06	772	12.49	Yes	No	No	No	No	Yes	Yes	No	Yes	1/30/2013			
401	221.2	205122169	80.00	80.11	0.409	42.000	884	69.83	FBE	1/1/1992	603	1	BB	T	A5	E11		862	16.59	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011		
401	221.3	205096632	80.11	80.13	0.409	42.000	884	69.83	FBE	1/1/1992	97	1	BB	T	A5	E11		862	16.59	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011		
401	221.6	205096633	80.13	80.18	0.547	42.000	884	48.48	FBE	1/1/1992	256	3	BB	T	A5	E11		862	18.43	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011		
401	221.9	205096634	80.18	80.20	0.547	42.000	884	48.48	FBE	1/1/1992	120	3	BB	T	A5	E11		862	18.43	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011		
401	223	205096635	80.20	80.33	0.547	42.000	884	48.48	FBE	1/1/1992	611	3	BB	T	A5	E11		862	18.43	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011		
401	223.3	205096636	80.33	80.35	0.547	42.000	884	48.48	FBE	1/1/1992	109	3	BB	T	A5	E11		862	18.43	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011		
401	224	205096637	80.35	81.04	0.547	42.000	884	48.48	FBE	1/1/1992	3675	3	BB	T	B5	E11		862	18.43	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011		
401	224.3	205096638	81.04	81.10	0.547	42.000	884	48.48	FBE	1/1/1992	268	3	BB	T	I5	E11		862	18.43	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011		
401	225	205122170	81.10	81.22	0.407	42.000	884	65.16	FBE	1/1/1992	619	1	BB	T	I5	E11		863	16.59	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011		
401	231.2	205122173	83.81	83.99	0.407	42.000	884	65.16	FBE	1/1/1992	943	1	BB	T	A5	E11		863	16.59	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011		
401	231.3	205096651	83.99	84.07	0.586	42.000	884	45.26	FBE	1/1/1992	388	3	BB	T	A5	E11		863	18.43	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011		
401	232	205096652	84.07	84.39	0.547	42.000	884	48.48	FBE	1/1/1992	1720	3	BB	T	A5	E11		863	18.43	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011		
401	233	205096653	84.39	84.78	0.456	42.000	884	58.16	FBE	1/1/1992	2034	3	BB	T	B5	E11		863	22.45	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011		
401	233.3	205096620	84.78	84.78	0.456	42.000	884	58.16	FBE	1/1/1992	40	3	BB	T	B5	E11		863	22.45	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011		
401	234	205096621	84.78	85.04	0.456	42.000	884	58.16	FBE	1/1/1992	1329	3	BB	T	B5	E11		863	22.45	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011		
401	280.07	205122175	113.57	113.75	0.407	42.000	911	67.15	FBE	1/1/1993	942	2	BB	T	I5	E11		876	20.15	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011		
401	280.1	205096957	113.75	113.92	0.407	42.000	911	67.15	FBE	1/1/1993	898	2	BB	T	I5	E11		876	20.15	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011		
401	280.3	205097086	113.92	114.00	0.407	42.000	911	67.15	FBE	1/1/1993	446	2	BB	T	I5	E11		876	20.15	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011		
401	281	205097087	114.00	114.16	0.472	42.000	911	57.90	FBE	1/1/1993	807	2	BB	T	I5	E11		876	18.22	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011		
401	281.3	205097088	114.16	114.17	0.586	42.000	911	46.64	MECH	1/1/1993	79	2	BB	T	I5	E11		876	16.85	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011		
401	282	205097089	114.17	114.41	0.472	42.000	911	57.90	FBE	1/1/1993	1252	2	BB	T	I5	E11		876	18.22	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011		
401	282.3	205097090	114.41	114																												



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN
401	399.7	205117287	185.71	185.86	0.380	36.000	907	71.61	HAA	1/1/1970	772	1	BB	T	I1	E11		749	17.66	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011
401	399.8	205088860	185.86	185.87	0.456	36.000	907	59.67	HAA	1/1/1970	80	1	BB	T	I1	E11		749	17.23	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011
401	399.9	205117282	185.87	186.49	0.380	36.000	907	71.61	HAA	1/1/1970	3282	1	BB	T	I1	E11		749	17.66	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011
401	500.6	205121987	259.59	259.85	0.586	42.000	965	49.40	FBE	1/1/1992	1444	3	BB	T	A1	E11		901	19.75	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	501	205081308	259.85	260.24	0.586	42.000	965	49.40	FBE	1/1/1992	1985	3	BB	T	A1	E11		901	19.75	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	502	205081309	260.24	260.34	0.586	42.000	965	49.40	FBE	1/1/1992	561	3	BB	T	I1	E11		901	18.70	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	502.3	205081310	260.34	260.35	0.586	42.000	965	49.40	FBE	1/1/1992	75	3	BB	T	I1	E11		901	15.66	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	502.6	205081311	260.35	260.40	0.586	42.000	965	49.40	FBE	1/1/1992	270	3	BB	T	I1	E11		901	24.25	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	502.9	205081312	260.40	260.42	0.586	42.000	965	49.40	FBE	1/1/1992	80	3	BB	T	I1	E11		901	21.21	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	503	205121982	260.42	260.68	0.586	42.000	965	49.40	FBE	1/1/1992	1364	3	BB	T	I1	E11		901	19.75	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	508	205119870	262.89	263.40	0.407	42.000	965	71.13	FBE	1/1/1992	2699	1	BB	T	I1	E11		901	16.83	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	508.3	205081350	263.40	263.42	0.750	42.000	965	41.57	PAINT	1/1/1992	113	1	BB	T	I1	E11		901	12.83	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	509	205119865	263.42	263.61	0.407	42.000	965	71.13	FBE	1/1/1992	973	1	BB	T	I1	E11		901	16.83	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	513.15	205146792	266.08	266.20	0.407	42.000	965	71.13	FBE	1/1/1992	626	1	BB	T	I8	E11		901	15.14	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	513.22	205146793	266.20	266.34	0.407	42.000	965	71.13	FBE	1/1/1992	743	2	BB	T	I8	E11		901	18.65	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	513.3	205081451	266.34	266.36	0.586	42.000	965	49.40	FBE	1/1/1992	111	2	BB	T	I8	E11		901	12.02	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	513.6	205081452	266.36	266.38	0.407	42.000	965	71.13	FBE	1/1/1992	135	2	BB	T	I8	E11		901	18.05	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	514	205081453	266.38	266.50	0.489	42.000	965	59.20	FBE	1/1/1992	605	2	BB	T	I8	E11		901	17.90	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	514.3	205081454	266.50	266.52	0.586	42.000	965	49.40	MECH	1/1/1992	120	2	BB	T	I8	E11		901	15.02	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	515	205081455	266.52	266.72	0.489	42.000	965	59.20	FBE	1/1/1992	1049	2	BB	T	I8	E11		901	16.40	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	515.3	205081456	266.72	266.77	0.586	42.000	965	49.40	MECH	1/1/1992	276	2	BB	T	I1	E11		901	14.72	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	515.6	205081457	266.77	266.85	0.489	42.000	965	59.20	FBE	1/1/1992	412	2	BB	T	I1	E11		901	19.74	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	515.9	205081458	266.85	266.86	0.586	42.000	965	49.40	MECH	1/1/1992	80	2	BB	T	I1	E11		901	18.36	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	517	205081459	266.86	267.36	0.489	42.000	965	59.20	FBE	1/1/1992	2620	2	BB	T	I1	E11		901	19.74	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	517.3	205081460	267.36	267.38	0.586	42.000	965	49.40	FBE	1/1/1992	120	2	BB	T	I1	E11		901	15.66	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	517.8	205119461	267.38	267.44	0.489	42.000	965	59.20	FBE	1/1/1992	303	2	BB	T	I1	E11		901	19.74	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	580.1	205136169	302.96	302.99	0.489	42.000	965	59.20	FBE	1/1/1992	175	2	BB	T	A9	E11		901	19.44	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	580.3	205093116	302.99	303.00	0.586	42.000	965	49.40	MECH	1/1/1992	80	2	BB	T	A9	E11		901	15.32	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	581	205136170	303.00	303.99	0.489	42.000	965	59.20	FBE	1/1/1992	5242	2	BB	T	A9	E11		901	16.70	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	593.2	205116352	308.46	308.55	0.489	42.000	965	59.20	FBE	1/1/1992	434	2	BB	T	I5	E11		901	16.43	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	593.3	205093988	308.55	308.56	0.489	42.000	965	59.20	FBE	1/1/1992	80	2	BB	T	I5	E11		901	16.40	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	594	205093989	308.56	308.79	0.489	42.000	965	59.20	FBE	1/1/1992	1198	2	BB	T	B5	E11		901	16.70	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	594.3	205093990	308.79	308.80	0.586	42.000	965	49.40	MECH	1/1/1992	39	3	BB	T	B5	E11		901	19.71	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	595	205093991	308.80	309.18	0.489	42.000	965	59.20	FBE	1/1/1992	2027	3	BB	T	B5	E11		901	21.09	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	595.3	205092637	309.18	309.23	0.586	42.000	965	49.40	FBE	1/1/1992	237	3	BB	T	A5	E11		901	20.05	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	596	205092638	309.23	309.40	0.489	42.000	965	59.20	FBE	1/1/1992	920	3	BB	T	A5	E11		901	21.09	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	596.2	205116353	309.40	309.75	0.489	42.000	965	59.20	FBE	1/1/1992	1888	2	BB	T	A5	E11		901	16.73	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	596.4	205116354	309.75	310.00	0.489	42.000	965	59.20	FBE	1/1/1992	1310	2	BB	T	A5	E11		901	16.73	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	597	205092636	310.00	310.34	0.489	42.000	965	59.20	FBE	1/1/1992	1756	2	BB	T	B5	E11		901	16.70	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	597.3	205093230	310.34	310.38	0.586	42.000	965	49.40	FBE	1/1/1992	228	2	BB	T	I5	E11		901	13.75	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	597.6	205093231	310.38	310.48	0.489	42.000	965	59.20	FBE	1/1/1992	500	2	BB	T	I5	E11		901	17.83	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	598	205129621	310.48	310.66	0.489	42.000	965	59.20	FBE	1/1/1992	954	2	BB	T	I5	E11		901	16.70	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	600.1	205136165	313.70	313.82	0.489	42.000	965	59.20	FBE	1/1/1992	615	2	BB	T	I9	E11		901	16.70	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	600.3	205097730	313.82	313.83	0.489	42.000	965	59.20	FBE	1/1/1992	80	1	BB	T	I9	E11		901	13.19	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	601	205097731	313.83	314.27	0.489	42.000	965	59.20	FBE	1/1/1992	2325	2	BB	T	I9	E11		901	16.70	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	601.3	205097732	314.27	314.30	0.586	42.000	965	49.40	FBE	1/1/1992	158	2	BB	T	I9	E11		901	12.62	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	602	205136166	314.30	314.35	0.489	42.000	965	59.20	FBE	1/1/1992	256	2	BB	T	I9	E11		901	19.77	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
401	616.2	205122008	321.57	321.73	0.446	36.000	1040	59.96	FBE	1/1/1993	835	2	BB	T	A5	E12	105	802	13.31	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/19/2012
401	616.3																													



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN
401	650	205100492	339.89	340.00	0.372	36.000	1040	71.89	FBE	1/1/1993	595	1	BB	T	15	E12	105	802	11.81	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/19/2012
401	651	205122801	340.00	340.07	0.372	36.000	1040	71.89	FBE	1/1/1993	382	1	BB	T	15	E12	105	802	10.79	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/19/2012
401	653.2	205122604	343.34	343.57	0.446	36.000	1040	59.96	FBE	1/1/1993	1233	2	BB	T	15	E12	105	802	9.69	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/19/2012
401	653.3	205097545	343.57	343.58	0.535	36.000	1040	49.99	FBE	1/1/1993	65	3	BB	T	15	E12	105	802	10.85	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/19/2012
401	653.6	205097546	343.58	343.59	0.469	36.000	1040	57.02	FBE	1/1/1993	38	3	BB	T	15	E12	105	802	16.84	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/19/2012
401	654	205097547	343.59	343.77	0.535	36.000	1040	49.99	FBE	1/1/1993	932	3	BB	T	15	E12	105	802	13.78	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/19/2012
401	654.3	205097548	343.77	343.78	0.535	36.000	1040	49.99	MECH	1/1/1993	71	3	BB	T	15	E12	105	802	15.19	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/19/2012
401	655	205097549	343.78	343.95	0.535	36.000	1040	49.99	FBE	1/1/1993	894	3	BB	T	15	E12	105	802	13.78	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/19/2012
401	656	205097550	343.95	344.11	0.535	36.000	1040	49.99	FBE	1/1/1993	849	3	BB	T	15	E12	105	802	13.78	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/19/2012
401	657	205097540	344.11	344.47	0.446	36.000	1040	59.96	FBE	1/1/1993	1873	3	BB	T	15	E12	105	802	17.54	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/19/2012
401	657.3	205097541	344.47	344.49	0.535	36.000	1040	49.99	MECH	1/1/1993	118	3	BB	T	15	E12	105	802	15.19	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/19/2012
401	657.6	205097542	344.49	344.54	0.446	36.000	1040	59.96	FBE	1/1/1993	255	3	BB	T	15	E12	105	802	16.84	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/19/2012
401	657.7	205097553	344.54	344.55	0.446	36.000	1040	59.96	FBE	1/1/1993	81	1	BB	T	15	E12	105	802	9.23	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/19/2012
401	657.9	205097543	344.55	344.59	0.535	36.000	1040	49.99	FBE	1/1/1993	208	1	BB	T	15	E12	105	802	6.17	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/19/2012
401	659	205122605	344.59	344.80	0.372	36.000	1040	71.89	FBE	1/1/1993	1129	1	BB	T	15	E12	105	802	12.09	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/19/2012
401	698.2	205121239	378.49	378.77	0.372	36.000	1040	71.89	FBE	1/1/1993	1453	1	BB	T	15	E12	105	802	11.81	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/19/2012
401	698.3	205097793	378.77	378.80	0.535	36.000	1040	49.99	FBE	1/1/1993	182	1	BB	T	15	E12	105	802	6.17	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/19/2012
401	698.6	205097769	378.80	378.82	0.446	36.000	1040	59.96	FBE	1/1/1993	107	1	BB	T	15	E12	105	802	9.93	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/19/2012
401	698.9	205097770	378.82	378.84	0.446	36.000	1040	59.96	FBE	1/1/1993	80	2	BB	T	15	E12	105	802	10.38	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/19/2012
401	700	205097771	378.84	379.18	0.446	36.000	1040	59.96	FBE	1/1/1993	1785	2	BB	T	15	E12	105	802	13.31	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/19/2012
401	700.1	205097774	379.18	379.68	0.446	36.000	1040	59.96	FBE	1/1/1993	2654	3	BB	T	A5	E12	105	802	17.54	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/19/2012
401	700.3	205097765	379.68	379.72	0.535	36.000	1040	49.99	FBE	1/1/1993	186	3	BB	T	A5	E12	105	802	13.78	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/19/2012
401	701	205097766	379.72	379.74	0.446	36.000	1040	59.96	FBE	1/1/1993	110	3	BB	T	15	E12	105	802	14.61	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/19/2012
401	701.1	205149872	379.74	379.78	0.446	36.000	1040	59.96	FBE	1/1/1993	218	3	BB	T	15	E12	105	802	14.61	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/19/2012
401	701.5	205149873	379.78	380.00	0.446	36.000	1040	59.96	FBE	1/1/1993	1199	1	BB	T	15	E12	105	802	7.00	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/19/2012
401	702	205121240	380.00	380.06	0.446	36.000	1040	59.96	FBE	1/1/1993	318	1	BB	T	15	E12	105	802	7.00	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/19/2012
401	715.1	205121243	390.39	390.91	0.372	36.000	1040	71.89	FBE	1/1/1993	2734	1	BB	T	15	E12	105	802	11.81	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/19/2012
401	718.5	205164134	394.87	395.00	0.372	36.000	1040	71.89	FBE	1/1/1993	710	1	BB	T	13	E12	105	802	11.52	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/19/2012
401	719	205097584	395.00	395.39	0.372	36.000	1040	71.89	FBE	1/1/1993	2022	1	BB	T	13	E12	105	802	19.32	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/19/2012
401	719.3	205097585	395.39	395.40	0.446	36.000	1040	59.96	FBE	1/1/1993	79	1	BB	T	13	E12	105	802	8.45	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/19/2012
401	720	205164135	395.40	395.50	0.372	36.000	1040	71.89	FBE	1/1/1993	505	1	BB	T	13	E12	105	802	11.81	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/19/2012
402	108.7	205121387	9.54	9.72	0.219	12.750	600	41.59	HAA	1/1/1962	929	3	LT	T	15	E14	E07	216	16.34	Yes	No	No	No	No	Yes	Yes	No	No	Yes	2/19/2014
402	108.9	205139869	9.87	9.88	0.219	12.750	600	41.59	HAA	1/1/1962	54	3	LT	T	15	E14	E07	216	16.34	Yes	No	No	No	No	Yes	Yes	No	No	Yes	2/19/2014
402	109	205096676	9.96	10.14	0.219	12.750	600	41.59	HAA	1/1/1962	954	2	LT	T	15	E14	E07	216	13.07	Yes	No	No	No	No	Yes	Yes	No	No	Yes	2/19/2014
402	109.9	205139870	9.88	9.96	0.219	12.750	600	41.59	HAA	1/1/1962	422	2	LT	T	15	E14	E07	216	13.07	Yes	No	No	No	No	Yes	Yes	No	No	Yes	2/19/2014
402	112.4	205121395	11.72	11.94	0.307	10.750	600	30.01	HAA	1/1/1962	1167	3	LT	T	15	E12	183	19.24	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
402	115.1	205121401	13.14	13.67	0.307	10.750	600	30.01	HAA	1/1/1962	2745	3	LT	T	15	E12	183	17.86	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
402	117	205076221	13.88	14.00	0.307	10.750	600	30.01	HAA	1/1/1962	637	3	LT	T	15	E12	183	17.86	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
402	118	205121403	14.00	14.05	0.307	10.750	600	30.01	HAA	1/1/1962	292	3	LT	T	15	E12	183	18.41	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
402	119.1	205121407	14.18	14.49	0.307	10.750	600	30.01	HAA	1/1/1962	1678	3	LT	T	15	E12	183	17.86	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
402	119.2	205121410	14.71	14.78	0.307	10.750	600	30.01	HAA	1/1/1962	358	3	LT	T	15	E12	183	17.86	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
402	119.3	205076223	14.78	14.79	0.365	10.750	600	25.24	TAPE	1/1/1992	152	3	LT	T	15	E12	183	15.78	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
402	120	205076224	14.79	15.40	0.307	10.750	600	30.01	HAA	1/1/1962	3228	3	LT	T	15	E12	183	18.69	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
402	120.3	205076225	15.40	15.41	0.365	10.750	600	25.24	TAPE	1/1/1992	75	3	LT	T	15	E12	183	17.18	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
402	121	205121411	15.41	15.48	0.307	10.750	600	30.01	HAA	1/1/1962	361	3	LT	T	15	E12	183	20.09	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
402	121.8	205121414	15.94	16.00	0.307	10.750	600	30.01	HAA	1/1/1962	315	3	LT	T	15	E12	183	18.41	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
402	122	205121443	16.00	16.63	0.307	10.750	600	30.01	HAA	1/1/1962	3392	3	LT	T	15	E12	183	18.41	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
402	122.2	205121444	16.63	16.77	0.307	10.750	600	30.01	HAA	1/1/1962	785	3	LT	T	19	E12	183	17.86	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
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ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HOA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN	
402	131.8	205121484	25.88	26.00	0.307	10.750	600	30.01	HAA	1/1/1962	627	3	LT	T	I5	E12		183	23.42	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
402	132	205121493	26.00	26.49	0.307	10.750	600	30.01	HAA	1/1/1962	2574	3	LT	T	B5	E12		183	22.60	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
402	132.5	205121501	26.49	26.92	0.307	10.750	600	30.01	HAA	1/1/1962	2321	3	LT	T	I5	E12		183	18.69	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
402	132.8	205121502	26.92	27.00	0.307	10.750	600	30.01	HAA	1/1/1962	404	3	LT	T	I51	E12		183	17.86	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
402	133	205075298	27.00	27.28	0.307	10.750	600	30.01	HAA	1/1/1962	1483	3	LT	T	I51	E12		183	17.86	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
402	135	205075300	27.41	27.58	0.307	10.750	600	30.01	HAA	1/1/1962	880	3	LT	T	I51	E12		183	20.09	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
402	136	205121503	27.58	27.77	0.307	10.750	600	30.01	HAA	1/1/1962	1020	3	LT	T	I51	E12		183	20.09	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
402	136.2	205121504	27.77	27.99	0.307	10.750	600	30.01	HAA	1/1/1962	1216	3	LT	T	A5	E12		183	17.86	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
402	136.3	205075302	27.99	27.99	0.500	10.750	600	18.43	HAA	1/1/1976	7	3	LT	T	A5	E12		183	15.08	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
402	136.5	205076149	27.99	28.01	0.307	10.750	600	30.01	HAA	1/1/1962	138	3	LT	T	A5	E12		183	17.86	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
402	136.9	205076150	28.01	28.01	0.500	10.750	600	18.43	HAA	1/1/1976	4	3	LT	T	A5	E12		183	15.08	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
402	138	205076151	28.01	28.50	0.307	10.750	600	30.01	HAA	1/1/1962	2554	3	LT	T	A5	E12		183	17.86	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
402	138.3	205076152	28.50	28.52	0.365	10.750	600	25.24	HAA	1/1/1989	156	3	LT	T	I5	E12		183	16.36	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
402	139	205121517	28.52	28.97	0.307	10.750	600	30.01	HAA	1/1/1962	2337	3	LT	T	B5	E12		183	18.69	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
402	139.3	205121519	28.97	29.03	0.307	10.750	600	30.01	HAA	1/1/1962	346	3	LT	T	I8	E12		183	20.09	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
402	139.4	205121521	29.03	29.91	0.307	10.750	600	30.01	HAA	1/1/1962	4604	3	LT	T	I5	E12		183	20.92	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
402	140.2	205121524	30.27	30.67	0.307	10.750	600	30.01	HAA	1/1/1962	2113	3	LT	T	I5	E12		183	20.92	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
402	141	205121525	30.67	30.96	0.307	10.750	600	30.01	HAA	1/1/1962	1507	3	LT	T	I5	E12		183	20.92	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
402	144.6	205121529	32.68	32.87	0.307	10.750	600	30.01	HAA	1/1/1962	997	3	LT	T	A5	E12	E07	183	23.73	Yes	No	No	No	No	Yes	Yes	No	No	Yes	2/19/2014	
402	148.7	205121532	35.29	35.57	0.188	8.625	600	32.77	HAA	1/1/1962	1462	3	LT	T	I5	E14	E07	147	18.97	Yes	No	No	No	No	Yes	Yes	No	No	Yes	2/19/2014	
402	149	205121533	35.57	35.81	0.188	8.625	600	32.77	HAA	1/1/1962	1266	3	LT	T	I5	E14	E07	146	18.97	Yes	No	No	No	No	Yes	Yes	No	No	Yes	2/19/2014	
402	149.3	205076159	36.00	36.05	0.188	8.625	600	32.77	HAA	1/1/1962	270	3	LT	T	I8	E12		147	24.15	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
402	150	205130948	36.05	36.12	0.188	8.625	600	32.77	HAA	1/1/1962	377	3	LT	T	I8	E12		147	24.15	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012	
402	150.4	205121537	36.65	36.93	0.188	8.625	600	32.77	HAA	1/1/1962	1498	3	LT	T	I5	E14	E07	146	16.78	Yes	No	No	No	No	Yes	Yes	No	No	Yes	2/19/2014	
402	151.4	205121541	37.45	37.59	0.188	8.625	600	32.77	HAA	1/1/1962	744	3	LT	T	I5	E14	E07	146	16.78	Yes	No	No	No	No	Yes	Yes	No	No	Yes	2/19/2014	
0107-01	101	205135449	0.02	0.24	0.188	6.625	-150	-6.29	HAA	1/1/1969	1176	3	DFM	TC	I1	E13	E07	56	29.72	Yes	No	No	No	Yes	No	Yes	Yes	Yes	No	Yes	2/17/2013
0107-01	102	205135450	0.24	0.24	0.188	6.625	-150	-6.29	HAA	1/1/1969	3	3	DFM	TC	I1	E13	E07	56	23.02	Yes	No	No	No	Yes	No	Yes	Yes	Yes	No	Yes	2/17/2013
0115-01	101	205136370	0.00	0.00	0.313	8.625	-246	-9.70	HAA	1/1/1970	3	3	DFM	TP	I1	E12		94	18.29	Yes	No	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012
0115-01	101.1	205136372	0.00	0.02	0.313	8.625	-246	-9.70	HAA	1/1/1970	103	3	DFM	TP	I1	E12		94	18.29	Yes	No	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012
0115-01	101.2	205136373	0.02	0.14	0.313	8.625	-246	-9.70	HAA	1/1/1970	640	3	DFM	TP	I1	E12		94	18.29	Yes	No	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012
0115-01	101.3	205115905	0.14	0.16	0.188	8.625	-246	-13.44	HAA	1/1/1971	111	3	DFM	TP	I1	E12		94	18.60	Yes	No	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012
0115-01	103	205073717	0.19	0.32	0.322	8.625	-246	-9.41	TAPE	1/1/1993	716	3	DFM	TP	I1	E12		94	23.59	Yes	No	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012
0126-01	101	205115269	0.00	0.14	0.313	22.000	-405	-42.43		1/1/1965	745	3	DFM	T	I5	E13		306	31.00	Yes	No	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/11/2017
0126-01	101.1	205115270	0.14	1.76	0.313	22.000	-405	-42.43		1/1/1965	8567	3	DFM	T	B5	E13	E07	306	29.14	Yes	No	No	No	Yes	No	Yes	Yes	Yes	No	Yes	2/17/2013
0126-01	101.3	205091986	1.76	1.84	-0.375	22.000	-405	-33.94		1/1/1994	384	3	DFM	T	B5	E13	E07	306	18.66	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013	
0203-01	201	205151246	0.00	0.00	0.500	10.750	375	11.52	TAPE	1/1/1988	4	3	DFM	TP	I5	E16	E09	145	16.72	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016	
0203-01	201.5	205151247	0.00	0.00	0.500	10.750	400	12.29	TAPE	1/1/1988	1	3	DFM	TP	I5	E16	E09	149	16.76	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016	
0203-01	202	205102772	0.00	0.00	0.365	10.750	400	16.83	TAPE	1/1/1988	2	3	DFM	TP	I5	E16	E09	149	16.76	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016	
0203-01	203	205102773	0.00	0.01	0.219	10.750	400	23.37	TAPE	1/1/1988	48	3	DFM	T	I5	E16	E09	149	21.44	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016	
0203-01	204	205156572	0.01	0.38	0.219	10.750	400	23.37	TAPE	1/1/1988	1944	3	DFM	T	I5	E16	E09	149	21.44	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016	
0203-01	205	205156571	0.55	0.81	0.219	10.750	400	23.37	TAPE	1/1/1988	1392	3	DFM	T	I5	E16	E09	149	21.44	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016	
0203-08	100	205154373	0.00	0.00	0.322	8.625	-375	-17.94		1/1/1989	4	3	DFM	TP	I5	E11	E06	116	12.16	Yes	No	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/3/2011
0203-08	100.5	205154374	0.00	0.01	0.322	8.625	-400	-19.13		1/1/1989	34	3	DFM	TP	I5	E11	E06	120	12.19	Yes	No	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/3/2011
0203-08	101	205135084	0.00	0.00	0.280	6.625	-400	-16.90		1/1/1989	8	3	DFM	TP	I5	E11	E06	92	12.01	Yes	No	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/3/2011
0210-01	111.5	205140122	1.88	1.99	-0.203	12.750	400	-24.16		1/1/1969	554	1	DFM	T	I6	E16		177	24.13	Yes	No	No	No	Yes	No	Yes	Yes	Yes	No	Yes	4/17/2015
0210-01	112	205111501	1.99	2.38	0.219	12.750	400	27.72		1/1/1969	2063	1	DFM	T	I5	E16	E09	177	15.68	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016	
0210-01	117.05	205111499	3.67	3.84	0.188	8.625	400	21.85		1/1/1969	1325	3	DFM	T	I5	E16	E09	120	32.19	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016	
0210-01	117.12	205114620	4.11	4.20	0.188	8.625	400	21.85		1/1/1969	678	3	DFM	T	I5	E14	E07	120	24.20	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/29/2014	
0210																															

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN	
0211-01	105.24	205145469	0.55	0.59	0.219	8.625	-375	-24.61		1/1/1945	228	3	DFM	T	I9	E11	E11	116	32.93	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes			
0211-01	105.25	205113391	0.59	0.64	0.219	8.625	-375	-24.61		1/1/1945	262	3	DFM	T	A5	E11	E06	116	28.25	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes			
0211-01	105.3	205102194	0.64	0.68	-0.172	8.625	-375	-26.86		1/1/1951	272	3	DFM	TI	A5	E11	E06	116	25.06	Yes	No	No	Yes	No	Yes	Yes	No	Yes			
0215-01	100	205102684	0.00	0.02	0.500	8.625	-375	-9.24		1/1/1986	81	3	DFM	TP	I5	E11	E06	116	15.89	Yes	No	No	No	No	Yes	Yes	No	Yes			
0215-01	101	205102686	0.02	0.40	0.188	8.625	-375	-20.48		1/1/1969	1883	3	DFM	TI	I5	E11	E06	116	31.28	Yes	No	No	Yes	No	Yes	Yes	No	Yes			
0215-01	101.1	205102696	0.40	0.40	0.188	8.625	-375	-20.48	FBE	12/13/2002	2	3	DFM	TI	I5	E11	E06	116	21.55	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
0215-01	101.3	205102700	0.40	0.45	0.322	8.625	-375	-14.35	FBE	12/13/2002	238	3	DFM	TP	I5	E11	E06	116	16.95	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
0215-01	101.8	205113812	0.58	0.60	-0.172	8.625	-375	-26.86		1/1/1968	96	3	DFM	TI	I5	E11	E06	116	30.48	Yes	No	No	Yes	No	Yes	Yes	No	Yes			
0215-01	101.9	205113807	0.60	0.75	0.188	8.625	-375	-20.48		1/1/1969	810	3	DFM	TI	I5	E11	E06	116	31.44	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
0215-01	101.95	205113810	0.84	0.98	0.188	8.625	-375	-20.48		1/1/1969	712	3	DFM	TI	I5	E11	E06	116	30.48	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021A	100.1	205126531	12.05	12.05	0.375	26.000	450	26.00	FBE	11/30/2004	34	3	LT	T	I5	E17	E10	381	10.30	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021A	100.2	205126529	12.05	12.06	0.375	26.000	450	26.00	FBE	11/30/2004	33	3	LT	T	I5	E17	E10	381	10.30	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021A	100.3	205127473	12.06	12.06	0.250	12.750	450	38.25	HAA	1/12/1971	5	3	LT	T	I5	E17	E10	187	10.93	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021A	101	205118494	12.06	12.35	0.295	26.000	450	33.05	HAA	1/12/1971	1581	3	LT	T	I5	E17	E10	381	11.99	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021A	101.4	205118497	12.48	13.00	0.295	26.000	450	33.05	HAA	1/1/1971	2772	3	LT	T	I5	E17	E10	381	11.99	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021A	102	205118498	13.00	13.11	0.295	26.000	450	33.05	HAA	1/1/1971	612	1	LT	T	I5	E17	E10	381	5.61	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021A	102.4	205118502	13.58	13.79	0.295	26.000	450	33.05	HAA	1/1/1971	1140	1	LT	T	I5	E17	E10	381	5.61	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021A	106.1	205143999	15.15	15.16	0.295	26.000	450	33.05	HAA	1/1/1971	70	1	LT	T	I9	E17	E10	382	5.02	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021A	106.3	205077393	15.16	15.16	0.295	26.000	450	33.05	HAA	1/1/1974	23	1	LT	T	I9	E17	E10	382	5.02	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021A	106.6	205077394	15.16	15.18	0.344	26.000	450	28.34	TAPE	1/1/1974	79	1	LT	T	I9	E17	E10	382	5.37	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021A	106.9	205077395	15.18	15.18	0.295	26.000	450	33.05	HAA	1/1/1974	19	1	LT	T	I9	E17	E10	382	5.02	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021A	108	205143996	15.18	15.52	0.295	26.000	450	33.05	HAA	1/1/1971	1829	1	LT	T	I9	E17	E10	382	10.52	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021A	111.3	205077794	16.96	17.00	0.297	26.000	450	32.83	TAPE	1/1/1971	190	3	LT	T	I5	E17	E10	381	19.08	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021A	112	205077795	17.00	17.11	0.297	26.000	450	32.83	TAPE	1/1/1971	600	3	LT	T	I5	E17	E10	381	19.08	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021A	113	205140405	17.11	17.23	0.297	26.000	450	32.83	TAPE	1/1/1971	612	3	LT	T	I5	E17	E10	382	14.17	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021A	113.05	205140406	17.23	17.31	0.297	26.000	450	32.83	TAPE	1/1/1971	467	2	LT	T	I5	E17	E10	381	10.63	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021A	116.2	205119755	21.75	21.96	0.313	24.000	450	33.23	TAPE	1/1/1975	1108	3	LT	T	I5	E17	E10	352	13.74	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021A	117	205119756	21.96	22.05	0.313	24.000	450	33.23	TAPE	1/1/1975	485	3	LT	T	I5	E17	E10	352	13.15	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021A	119.5	205144728	23.92	24.00	0.313	24.000	450	33.23	TAPE	1/1/1975	433	1	LT	T	I6	E17	E10	352	10.44	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021A	120	205119298	24.00	24.04	0.313	24.000	450	33.23	TAPE	1/1/1975	199	1	LT	T	I6	E17	E10	352	10.44	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021A	120.1	205119299	24.04	24.14	0.313	24.000	450	33.23	TAPE	1/1/1975	543	1	LT	T	I5	E17	E10	352	10.44	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021A	120.3	205079669	24.14	24.14	0.275	24.000	450	37.76	TAPE	1/1/1975	3	1	LT	T	I5	E17	E10	352	10.44	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021A	120.6	205079670	24.14	24.16	0.500	24.000	450	20.77	TAPE	1/1/1975	77	3	LT	T	I5	E17	E10	352	15.18	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021A	120.9	205079711	24.16	24.16	0.500	26.000	450	22.50	TAPE	1/1/1975	6	3	LT	T	I5	E17	E10	381	15.39	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021A	121	205079712	24.16	24.16	0.322	26.000	450	30.28	TAPE	1/1/1971	12	3	LT	T	I5	E17	E10	381	18.05	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021A	122	205079713	24.16	24.48	0.297	26.000	450	32.83	TAPE	1/1/1971	1728	3	LT	T	I5	E17	E10	382	18.05	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021A	122.3	205079646	24.48	24.48	0.295	26.000	450	33.05	TAPE	1/1/1971	31	3	LT	T	I5	E17	E10	381	18.05	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021A	122.6	205079647	24.48	24.49	0.297	26.000	450	32.83	TAPE	1/1/1971	16	3	LT	T	I5	E17	E10	381	18.05	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021A	122.9	205079648	24.49	24.53	0.375	26.000	450	30.00	TAPE	1/1/1970	232	3	LT	T	I5	E17	E10	381	18.96	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021A	123.2	205079649	24.53	24.57	0.375	26.000	450	30.00	SOMA	1/1/1970	234	3	LT	T	I5	E17	E10	381	15.03	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021A	123.5	205079650	24.57	24.58	0.375	26.000	450	30.00	TAPE	1/1/1970	16	3	LT	T	I5	E17	E10	381	16.96	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021A	123.8	205079651	24.58	24.59	0.322	26.000	450	30.28	TAPE	1/1/1971	76	3	LT	T	I5	E17	E10	381	16.96	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021A	125	205119300	24.59	24.65	0.297	26.000	450	32.83	TAPE	1/1/1971	325	3	LT	T	I5	E17	E10	381	16.96	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021B	102.4	205119724	0.52	0.96	0.281	16.000	450	30.50	HAA	1/1/1952	2296	3	LT	T	I5	E17	E10	235	17.40	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021B	103.6	205119727	1.89	1.93	0.281	16.000	450	30.50	HAA	1/1/1952	214	1	LT	T	I5	E17	E10	235	15.69	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021B	104	205077376	1.93	2.14	0.375	16.000	450	22.86	TAPE	1/1/1992	2064	3	LT	T	I5	E17	E10	235	13.00	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021B	104.3	205140403	2.14	2.18	0.281	16.000	450	30.50	HAA	1/1/1952	204	3	LT	T	I5	E17	E10	235	21.02	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021B	104.7	205140404	2.18	2.20	0.281	16.000	450	30.50	HAA	1/1/1952	134	1	LT	T	I5	E17	E10	235	11.68	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021B	105	205119728	2.20	2.21	0.375	12.750	450	21.86	SOMA	1/1/1952	39	1	LT	T	I5	E17	E10	187	9.53	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021B	111.2	205119303	11.09	11.17	0.281	16.000	450</																								

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN	
021C	107.3	205079279	35.00	35.05	0.281	12.750	450	24.31	HAA	1/1/1948	237	3	LT	T	I5	E17	E10	188	11.89	Yes	No	No	Yes	No	Yes	Yes	No	Yes			
021C	107.6	205079903	35.05	35.05	0.281	12.750	450	24.31	HAA	1/1/1962	46	3	LT	T	I5	E17	E10	188	8.35	Yes	No	No	Yes	No	Yes	Yes	No	Yes			
021C	108	205153669	35.05	35.06	0.281	12.750	450	24.31	HAA	1/1/1948	55	3	LT	T	I5	E17	E10	188	7.47	Yes	No	No	Yes	No	Yes	Yes	No	Yes			
021C	108.05	205163670	35.06	35.18	0.281	12.750	450	24.31	HAA	1/1/1948	646	3	LT	T	I5	E17	E10	188	7.47	Yes	No	No	Yes	No	Yes	Yes	No	Yes			
021C	108.1	205079271	35.18	35.19	0.281	12.750	450	24.31	TAPE	1/1/1995	4	3	LT	T	I5	E17	E10	188	6.26	Yes	No	No	No	No	Yes	Yes	No	Yes			
021C	108.2	205079902	35.19	35.22	0.281	12.750	450	24.31	HAA	1/1/1948	161	3	LT	T	I5	E17	E10	188	7.47	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021C	108.3	205079900	35.22	35.30	0.219	12.750	450	31.19	XTRUPL	1/1/1978	477	3	LT	T	I5	E17	E10	188	18.50	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021C	109	205119322	35.30	35.43	0.281	12.750	450	24.31	HAA	1/1/1948	981	3	LT	T	I5	E17	E10	188	9.46	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021C	109.2	205119325	35.53	35.86	0.281	12.750	450	24.31	HAA	1/1/1948	2435	3	LT	T	B5	E17	E10	188	7.47	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021C	109.3	205079806	36.09	36.10	0.281	12.750	450	24.31	XTRUPL	1/1/1979	73	3	LT	T	B5	E17	E10	188	7.58	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021C	109.5	205079807	36.10	36.43	0.281	12.750	450	24.31	HAA	1/1/1948	1742	3	LT	T	B5	E17	E10	188	7.47	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021C	109.7	205080288	36.43	36.48	0.281	12.750	450	24.31	HAA	1/1/1948	250	3	LT	T	B5	E17	E10	188	7.47	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021C	110	205163124	36.48	36.53	0.281	12.750	450	24.31	HAA	1/1/1948	266	3	LT	T	B5	E17	E10	188	7.47	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021C	111.1	205163127	36.74	36.93	0.281	12.750	450	24.31	HAA	1/1/1948	1025	3	LT	T	B5	E17	E10	188	11.94	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021C	111.3	205079810	36.93	36.94	0.313	12.750	450	21.86	HAA	1/1/1967	79	3	LT	T	I5	E17	E10	188	13.93	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021C	111.6	205079811	36.94	37.00	0.281	12.750	450	24.31	HAA	1/1/1948	303	3	LT	T	I5	E17	E10	188	11.94	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021C	111.9	205079812	37.00	37.00	0.281	12.750	450	22.19	XTRUPL	1/1/1978	21	3	LT	T	I5	E17	E10	188	12.05	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021C	112.2	205079813	37.00	37.00	0.281	12.750	450	24.31	HAA	1/1/1948	34	3	LT	T	I5	E17	E10	188	11.94	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021C	112.5	205079814	37.00	37.09	0.281	12.750	450	24.31	HAA	1/1/1948	428	3	LT	T	I5	E17	E10	188	11.94	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021C	112.8	205079815	37.09	37.11	0.281	12.750	450	22.19	XTRUPL	1/1/1978	86	3	LT	T	I5	E17	E10	188	12.05	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021C	113.1	205079816	37.11	37.19	0.281	12.750	450	24.31	HAA	1/1/1948	458	3	LT	T	I5	E17	E10	188	11.94	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021C	113.4	205079817	37.19	37.20	0.281	12.750	450	22.19	XTRUPL	1/1/1978	21	3	LT	T	I5	E17	E10	188	12.05	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021C	114	205079818	37.20	37.31	0.281	12.750	450	24.31	HAA	1/1/1948	594	3	LT	T	I5	E17	E10	188	11.94	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021C	114.3	205079819	37.31	37.32	0.250	12.750	450	22.07	XTRUPL	1/1/1973	88	3	LT	T	I5	E17	E10	188	12.05	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021C	114.6	205079820	37.32	37.42	0.281	12.750	450	24.31	HAA	1/1/1948	496	3	LT	T	I5	E17	E10	188	11.94	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021C	114.9	205079821	37.42	37.44	0.313	12.750	450	21.86	HAA	1/1/1967	96	3	LT	T	I5	E17	E10	188	13.93	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021C	116	205119326	37.44	37.68	0.281	12.750	450	24.31	HAA	1/1/1948	1301	3	LT	T	I5	E17	E10	188	11.94	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021C	116.3	205079823	37.68	37.69	0.313	12.750	450	21.86	HAA	1/1/1967	45	3	LT	T	I6	E17	E10	188	13.93	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021C	116.6	205079824	37.69	37.69	0.281	12.750	450	24.31	HAA	1/1/1948	19	3	LT	T	I6	E17	E10	188	11.94	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021C	117	205119328	37.69	37.75	0.281	12.750	450	29.17	HAA	1/1/1954	338	3	LT	T	I6	E17	E10	188	13.93	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021C	117.1	205119329	37.75	37.80	0.281	12.750	450	29.17	HAA	1/1/1954	239	3	LT	T	I5	E17	E10	188	18.40	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021C	117.3	205090205	37.80	37.82	0.281	12.750	450	-29.17	HAA	1/1/1954	108	3	LT	T	I5	E17	E10	188	20.99	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021C	118	205090206	37.82	38.14	0.281	12.750	450	29.17	HAA	1/1/1949	1704	3	LT	T	B5	E17	E10	188	20.83	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021C	118.3	205079825	38.14	38.16	0.281	12.750	450	29.17	HAA	1/1/1958	99	3	LT	T	I5	E17	E10	188	16.36	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021C	119	205119330	38.16	38.17	0.281	12.750	450	29.17	HAA	1/1/1949	54	3	LT	T	I5	E17	E10	188	16.36	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021C	129.1	205163129	43.19	43.20	0.281	12.750	450	29.17	HAA	1/1/1949	56	3	LT	T	I5	E17	E10	188	16.74	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021C	129.2	205119333	43.20	43.26	0.281	12.750	450	29.17	HAA	1/1/1949	307	3	LT	T	I5	E17	E10	188	11.89	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021C	129.3	205158655	43.26	43.31	0.281	12.750	450	29.17	HAA	1/1/1949	220	3	LT	T	I5	E17	E10	188	11.89	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021C	129.4	205158657	43.31	43.32	0.375	12.750	450	21.86	UNK	1/1/1981	56	3	LT	T	I5	E17	E10	188	11.55	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021C	129.5	205158658	43.32	43.33	0.375	12.750	450	21.86	UNK	1/1/1981	43	3	LT	T	I5	E17	E10	188	11.55	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021C	129.6	205158654	43.33	43.38	0.281	12.750	450	29.17	HAA	1/1/1949	212	3	LT	T	I5	E17	E10	188	13.87	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021C	130	205119334	43.38	43.43	0.281	12.750	450	29.17	HAA	1/1/1951	288	3	LT	T	I5	E17	E10	188	13.87	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021C	130.2	205119337	43.62	43.67	0.281	12.750	450	29.17	HAA	1/1/1951	257	3	LT	T	I5	E17	E10	188	11.89	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021C	130.3	205081202	43.67	43.70	0.281	12.750	450	24.31	XTRUPL	1/1/1975	178	3	LT	T	I5	E17	E10	188	7.58	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021C	130.6	205081203	43.70	43.74	0.281	12.750	450	29.17	HAA	1/1/1951	132	3	LT	T	I5	E17	E10	188	11.89	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021C	130.9	205081204	43.74	43.75	0.281	12.750	450	24.31	XTRUPL	1/1/1974	70	3	LT	T	I5	E17	E10	188	7.58	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021C	132	205119338	43.75	43.84	0.281	12.750	450	29.17	HAA	1/1/1951	439	3	LT	T	I5	E17	E10	188	15.91	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
021C	133.63	205119342	46.79	47.02	0.375	16.000	450	22.86	TAPE	1/1/1994	1202	3	LT	T	I5	E17	E10	235	9.61	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021C	133.7	205119344	47.23	47.60	0.375	16.000	450	22.86	TAPE	1/1/1993	1957	3	LT	T	I5	E17	E10	235	9.61	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
021C	133.85																														



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN	
021C	141.3	205079858	51.41	51.43	0.250	12.750	450	22.07	HAA	1/1/1964	168	3	LT	T	I5	E17	E10	188	17.06	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/15/2017		
021C	141.6	205079859	51.43	51.45	0.250	12.750	450	27.32	HAA	1/1/1984	107	3	LT	T	I5	E17	E10	188	13.86	Yes	No	No	No	No	Yes	Yes	No	Yes	12/15/2017		
021C	142	205079860	51.45	51.62	0.250	12.750	450	22.07	HAA	1/1/1964	883	3	LT	T	I5	E17	E10	188	21.53	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/15/2017		
021C	142.3	205079863	51.62	51.63	0.375	12.750	450	21.86	TAPE	1/1/1998	25	3	LT	T	I5	E17	E10	188	16.09	Yes	No	No	No	No	Yes	Yes	No	Yes	12/15/2017		
021C	142.6	205079865	51.63	51.64	0.375	12.750	450	18.21	XTRUPL	1/1/1975	14	3	LT	T	I5	E17	E10	188	19.29	Yes	No	No	No	No	Yes	Yes	No	Yes	12/15/2017		
021C	143	205119352	51.64	52.09	0.250	12.750	450	22.07	HAA	1/1/1964	2470	3	LT	T	I5	E17	E10	188	21.69	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/15/2017		
021C	143.2	205130973	52.19	52.22	0.250	12.750	450	22.07	HAA	1/1/1964	183	3	LT	T	I5	E17	E10	188	17.06	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/15/2017		
021C	143.3	205119355	52.22	53.01	0.250	12.750	450	22.07	HAA	1/1/1964	4360	3	LT	T	B5	E17	E10	188	18.40	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/15/2017		
021C	144	205147785	53.01	53.11	0.375	12.750	450	21.86	HAA	1/1/1970	529	3	LT	T	I5	E17	E10	188	14.02	Yes	No	No	No	No	Yes	Yes	No	Yes	12/15/2017		
021C	145	205147786	53.11	53.12	0.375	12.750	450	21.86	HAA	1/1/1970	53	3	LT	T	I5	E17	E10	188	13.86	Yes	No	No	No	No	Yes	Yes	No	Yes	12/15/2017		
021C-1	101	205079899	35.18	36.26	0.281	12.750	450	24.31	TAPE	1/1/1995	5735	3	LT	T	B5	E13	E06	188	9.57	Yes	No	No	No	No	Yes	Yes	No	Yes	3/2/2013		
021C-1	101.1	205142920	36.26	36.26	0.280	6.625	450	15.21	TAPE	1/1/1995	4	3	LT	T	I5	E13	E06	97	15.21	Yes	No	No	No	No	Yes	Yes	No	Yes	3/3/2013		
021D	101.2	205143936	18.96	19.01	0.281	16.000	450	30.50	HAA	1/1/1962	288	1	LT	T	I6	E17	E10	235	12.36	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/15/2017		
021D	101.3	205079718	19.01	19.03	0.281	16.000	450	30.50	SOMA	1/1/1962	93	1	LT	T	I6	E17	E10	235	12.36	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/15/2017		
021D	102	205079719	19.03	19.27	0.281	16.000	450	30.50	HAA	1/1/1962	1250	3	LT	T	I6	E17	E10	235	13.23	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/15/2017		
021D	103	205143887	19.27	19.32	0.281	16.000	450	30.50	HAA	1/1/1962	296	1	LT	T	I6	E17	E10	235	7.28	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/15/2017		
021D	105	205079891	20.37	21.06	0.281	16.000	450	30.50	HAA	1/1/1962	3579	3	LT	T	B5	E16	I09	235	10.02	Yes	No	No	Yes	No	Yes	Yes	No	Yes	5/11/2016		
021D	105.3	205079892	21.06	21.06	0.281	16.000	450	30.50	SOMA	1/1/1962	55	3	LT	T	B5	E16	I09	235	10.02	Yes	No	No	Yes	No	Yes	Yes	No	Yes	5/11/2016		
021D	106	205079893	21.06	21.87	0.281	16.000	450	30.50	HAA	1/1/1962	4297	3	LT	T	B5	E16	I09	235	10.02	Yes	No	No	Yes	No	Yes	Yes	No	Yes	5/11/2016		
021D	106.3	205079894	21.87	21.87	0.281	16.000	450	30.50	HAA	1/1/1962	13	3	LT	T	B5	E16	I09	235	10.02	Yes	No	No	Yes	No	Yes	Yes	No	Yes	5/11/2016		
021D	107	205079895	21.87	22.00	0.281	16.000	450	30.50	HAA	1/1/1964	706	3	LT	T	I5	E16	E09	235	10.02	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/12/2016		
021D	107.3	205079896	22.00	22.06	0.281	16.000	450	30.50	HAA	1/1/1964	262	3	LT	T	I5	E16	E09	235	10.02	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/12/2016		
021D	107.6	205079897	22.06	22.09	0.281	16.000	450	30.50	SOMA	1/1/1964	110	3	LT	T	I5	E16	E09	235	15.11	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/12/2016		
021D	108	205119356	22.09	22.31	0.281	16.000	450	30.50	HAA	1/1/1964	1170	3	LT	T	I5	E16	E09	235	15.11	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/12/2016		
021D	108.2	205119359	22.41	23.75	0.281	16.000	450	30.50	HAA	1/1/1964	7074	3	LT	T	B5	E16	E09	235	15.22	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/12/2016		
021D	108.3	205079833	23.75	23.75	0.281	16.000	450	30.50	HAA	1/1/1967	58	3	LT	T	I5	E16	E09	235	14.60	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/12/2016		
021D	109	205079834	23.75	24.00	0.281	16.000	450	30.50	HAA	1/1/1964	1295	3	LT	T	I5	E16	E09	235	14.60	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/12/2016		
021D	110	205079835	24.00	24.14	0.281	16.000	450	30.50	HAA	1/1/1964	665	3	LT	T	I5	E16	E09	235	14.60	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/12/2016		
021D	110.3	205079836	24.14	24.14	0.375	16.000	450	27.43	XTRUPL	1/1/1973	83	3	LT	T	I5	E16	E09	235	12.34	Yes	No	No	No	No	Yes	Yes	No	Yes	11/12/2016		
021D	110.6	205079837	24.14	24.25	0.281	16.000	450	30.50	HAA	1/1/1964	498	3	LT	T	I5	E16	E09	235	14.60	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/12/2016		
021D	110.9	205079838	24.25	24.25	0.281	16.000	450	30.50	HAA	1/1/1967	94	3	LT	T	I5	E16	E09	235	15.73	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/12/2016		
021D	112	205119360	24.25	24.45	0.281	16.000	450	30.50	HAA	1/1/1967	1017	3	LT	T	I5	E16	E09	235	12.31	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/12/2016		
021D	112.1	205119361	24.45	24.49	0.281	16.000	450	30.50	HAA	1/1/1967	228	3	LT	T	I5	E16	E09	235	14.60	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/12/2016		
021D	112.3	205079840	24.49	24.50	0.281	16.000	450	30.50	HAA	1/1/1967	48	3	LT	T	I5	E16	E09	235	14.60	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/12/2016		
021D	113	205119362	24.50	24.55	0.281	16.000	450	30.50	HAA	1/1/1964	286	3	LT	T	I6	E16		235	20.02	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/21/2015		
021D	113.1	205119363	24.55	24.60	0.281	16.000	450	30.50	HAA	1/1/1964	285	3	LT	T	I5	E16	E09	235	19.18	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/12/2016		
021D	113.3	205090208	24.60	24.67	0.250	16.000	450	-31.30	XTRUPL	1/1/1974	366	3	LT	T	B5	E16	E09	235	19.23	Yes	No	No	No	No	Yes	Yes	No	Yes	11/12/2016		
021D	114	205090209	24.67	24.95	0.250	16.000	450	31.30	XTRUPL	1/1/1974	1493	3	LT	T	B5	E16	E09	235	13.80	Yes	No	No	No	No	Yes	Yes	No	Yes	11/12/2016		
021D	115	205119364	24.95	25.01	0.250	16.000	450	31.30	XTRUPL	1/1/1974	292	3	LT	T	I5	E17	E10	235	13.80	Yes	No	No	No	No	Yes	Yes	No	Yes	12/15/2017		
021D	121.2	205119367	30.11	30.24	0.258	16.000	450	33.22	TAPE	1/1/1981	726	3	LT	T	I5	E16	E09	235	9.23	Yes	No	No	No	No	Yes	Yes	No	Yes	11/12/2016		
021D	121.3	205081206	30.24	30.27	0.375	16.000	450	27.43	TAPE	1/1/1981	164	3	LT	T	I5	E16	E09	235	7.76	Yes	No	No	No	No	Yes	Yes	No	Yes	11/12/2016		
021D	121.6	205081207	30.27	30.31	0.258	16.000	450	33.22	TAPE	1/1/1981	215	3	LT	T	I5	E16	E09	235	9.23	Yes	No	No	No	No	Yes	Yes	No	Yes	11/12/2016		
021D	121.9	205081208	30.31	30.31	0.258	16.000	450	33.22	TAPE	1/1/1982	17	3	LT	T	I5	E16	E09	235	7.88	Yes	No	No	No	No	Yes	Yes	No	Yes	11/12/2016		
021D	123	205119368	30.31	30.36	0.250	16.000	450	31.30	TAPE	1/1/1982	249	3	LT	T	I5	E16	E09	235	8.22	Yes	No	No	No	No	Yes	Yes	No	Yes	11/12/2016		
021D	123.2	205119372	30.53	30.83	0.250	16.000	450	31.30	TAPE	1/1/1982	1604	3	LT	T	I5	E16	E09	235	12.18	Yes	No	No	No	No	Yes	Yes	No	Yes	11/12/2016		
021D	127	205079845	0.01	1.15	0.258	16.000	450	33.22	TAPE	1/1/1981	6053	3	LT	T	B5	E17	E10	235	12.43	Yes	No	No	No	No	Yes	Yes	No	Yes	12/15/2017		
021D	128.3	205079846	1.15	1.15	0.250	12.750	450	22.07	TAPE	1/1/1981	40	3	LT	T	I5	E17	E10	188	10.71	Yes	No	No	No	No	Yes	Yes	No	Yes	12/15/2017		
021E	101	205147787	53.12	53.13	0.375	12.750	610	29.63	HAA	1/1/1970																					



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EQ PLAN	IC PLAN	SCC PLAN
021E	107	205081264	57.00	57.73	0.250	12.750	610	29.91	HAA	1/1/1967	3984	3	LT	T	I5	I11		218	26.79	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011	
021E	107.1	205081269	57.73	57.74	0.375	12.750	610	29.63	TAPE	5/3/2002	50	3	LT	T	I5	I11		218	22.73	Yes	No	No	No	No	Yes	Yes	No	Yes	12/31/2011	
021E	107.2	205081270	57.74	57.87	0.250	12.750	610	29.91	HAA	1/1/1967	672	3	LT	T	I5	I11		218	26.79	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011	
021E	108	205081265	57.87	58.05	0.250	12.750	610	29.91	HAA	1/1/1967	990	3	LT	T	I5	I11		218	22.25	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011	
021E	109	205119384	58.05	58.20	0.250	12.750	610	29.91	HAA	1/1/1967	814	3	LT	T	I5	I11		218	22.25	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011	
021E	109.6	205163517	58.47	58.50	0.250	12.750	610	29.91	HAA	1/1/1967	160	3	LT	T	I5	I11		218	22.25	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011	
021E	110	205130997	58.50	58.61	0.250	12.750	610	29.91	HAA	1/1/1967	610	3	LT	T	I5	I11		218	22.25	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011	
021E	110.2	205130998	58.61	58.81	0.250	12.750	610	29.91	HAA	1/1/1967	1062	3	LT	T	I5	I11		218	23.09	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011	
021E	110.3	205119387	58.81	59.00	0.250	12.750	610	29.91	HAA	1/1/1967	1049	3	LT	T	I5	I11		218	17.71	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011	
021E	111	205119388	59.00	59.27	0.250	12.750	610	29.91	HAA	1/1/1967	1422	3	LT	T	B5	I11		218	17.71	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011	
021E	111.35	205163519	59.56	60.19	0.250	12.750	610	29.91	HAA	1/1/1967	3305	3	LT	T	B5	I11		218	17.71	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011	
021E	111.4	205130204	60.19	60.35	0.250	12.750	610	29.91	HAA	1/1/1967	887	3	LT	T	B5	I11		218	17.71	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011	
021E	111.7	205119396	60.75	61.10	0.250	12.750	610	29.91	HAA	1/1/1967	1848	3	LT	T	B5	I11		218	22.25	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011	
021E	111.75	205130202	61.10	61.43	0.250	12.750	610	29.91	HAA	1/1/1967	1737	3	LT	T	I5	I11		218	22.25	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011	
021E	112.1	205118876	62.48	62.89	0.250	12.750	610	29.91	HAA	1/1/1967	2346	2	LT	T	I5	I11		218	18.97	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011	
021E	112.25	205118879	63.48	63.61	0.250	12.750	610	29.91	HAA	1/1/1967	751	2	LT	T	I5	I11		218	15.27	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011	
021E	112.3	205077438	63.61	63.67	0.250	12.750	610	29.91	HAA	1/1/1967	340	3	LT	T	I5	I11		218	17.71	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011	
021E	113	205118880	63.67	63.94	0.250	12.750	610	29.91	HAA	1/1/1967	1186	2	LT	T	I5	I11		218	15.27	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011	
021E	114.2	205162346	64.53	64.53	0.500	10.750	610	18.74	SOMA	1/1/1967	19	2	LT	T	I5	E12		184	15.88	Yes	No	No	No	No	Yes	Yes	No	Yes	12/17/2012	
021E	114.5	205135633	64.53	64.55	0.250	12.750	610	29.91	HAA	1/1/1967	90	3	LT	T	I5	E13		218	19.07	Yes	No	No	Yes	No	Yes	Yes	No	Yes	3/15/2013	
021E	114.7	205135634	64.55	64.70	0.250	12.750	610	29.91	HAA	1/1/1967	807	2	LT	T	I5	I14	107	218	10.87	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/9/2014	
021E	115.5	205162756	64.91	64.93	0.250	12.750	610	29.91	HAA	1/1/1967	117	3	LT	T	I5	I14	107	218	17.32	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/9/2014	
021E	116	205077441	64.93	65.04	0.250	12.750	610	29.91	HAA	1/1/1967	585	3	LT	T	I5	I14	107	218	17.32	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/9/2014	
021E	117	205118078	65.04	65.12	0.250	12.750	610	29.91	HAA	1/1/1967	426	3	LT	T	I5	I14	107	218	17.32	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/9/2014	
021E	117.1	205162757	65.12	65.14	0.250	12.750	610	29.91	HAA	1/1/1967	116	3	LT	T	I5	I14	107	218	17.32	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/9/2014	
021E	117.6	205162398	65.29	65.42	0.250	12.750	610	29.91	HAA	1/1/1967	672	3	LT	T	I9	I14	107	218	17.32	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/9/2014	
021E	119.15	205162761	67.25	67.49	0.250	12.750	610	29.91	HAA	1/1/1967	1224	3	LT	T	I5	I14	107	218	12.78	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/9/2014	
021E	119.25	205118085	67.85	68.25	0.250	12.750	610	29.91	HAA	1/1/1967	2060	3	LT	T	I5	I14	107	218	12.78	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/9/2014	
021E	119.3	205077445	68.25	68.34	0.250	12.750	610	29.91	HAA	1/1/1967	437	3	LT	T	I5	I14	107	218	12.78	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/9/2014	
021E	120	205118086	68.34	68.41	0.250	12.750	610	29.91	HAA	1/1/1967	637	3	LT	T	I5	I14	107	218	12.78	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/9/2014	
021E	120.2	205118088	68.41	68.44	0.250	12.750	610	29.91	HAA	1/1/1967	229	3	LT	T	I5	I14	107	218	12.78	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/9/2014	
021E	124	205077451	69.13	69.25	0.250	12.750	610	29.91	HAA	1/1/1967	640	3	LT	T	I5	I14	107	218	12.78	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/9/2014	
021E	125	205118090	69.25	69.34	0.250	12.750	610	29.91	HAA	1/1/1967	451	2	LT	T	I5	I14	107	218	9.50	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/9/2014	
021E	127.1	205118093	70.62	70.92	0.219	12.750	610	34.15	HAA	1/1/1967	1565	3	LT	T	I5	I14	107	218	17.71	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/9/2014	
021E	129.2	205118096	71.47	71.92	0.219	12.750	610	34.15	HAA	1/1/1967	2384	3	LT	T	I5	I14	107	218	17.71	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/9/2014	
021E	130.5	205118099	73.31	73.38	0.219	12.750	610	34.15	HAA	1/1/1967	376	3	LT	T	I5	I14	107	218	17.71	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/9/2014	
021E	131	205118102	73.38	73.86	0.250	12.750	610	29.91	HAA	1/1/1967	2585	3	LT	T	I5	I14	107	218	16.14	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/9/2014	
021E	134.1	205118106	75.31	75.55	0.219	12.750	610	34.15	HAA	1/1/1967	1229	1	LT	T	I5	I14	107	218	15.17	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/9/2014	
021E	136.3	205118109	79.55	79.61	0.219	12.750	610	34.15	HAA	1/1/1967	358	3	LT	T	I5	I14	107	218	18.60	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/9/2014	
021E	137	205118110	79.61	79.76	0.219	12.750	610	34.15	HAA	1/1/1967	795	3	LT	T	I5	I14	107	218	18.60	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/9/2014	
021E	139	205077473	80.28	80.40	0.219	12.750	610	34.15	HAA	1/1/1967	600	3	LT	T	I5	I14	107	218	18.60	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/9/2014	
021E	140	205118112	80.40	80.58	0.219	12.750	610	34.15	HAA	1/1/1967	968	2	LT	T	I5	I14	107	218	15.33	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/9/2014	
021E	140.4	205118118	80.68	80.90	0.219	12.750	610	34.15	HAA	1/1/1967	1141	3	LT	T	I5	I14	107	218	18.60	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/9/2014	
021E	142.4	205130209	81.86	81.92	0.281	12.750	610	32.95	TAPE	1/1/1993	385	3	LT	T	I5	I14	107	218	10.54	Yes	No	No	No	No	Yes	Yes	No	Yes	12/9/2014	
021E	142.5	205118962	81.92	82.03	0.219	12.750	610	34.15	HAA	1/1/1967	569	3	LT	T	I5	I14	107	218	17.71	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/9/2014	
021E	143	205118963	82.03	83.08	0.219	12.750	610	34.15	HAA	1/1/1967	5581	3	LT	T	B5	I14	107	218	17.71	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/9/2014	
021E	143.3	205077480	83.08	83.09	0.250	12.750	610	29.91	XTRUPL	1/1/1979	52	3	LT	T	I5	I14	107	218	9.53	Yes	No	No	No	No	Yes	Yes	No	Yes	12/9/2014	
021E	144	205077481	83.09	83.91	0.219	12.750	610	34.15	HAA	1/1/1967	4323	3	LT	T	B5	I14	107	218	16.59	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/9/2014	
021E	144.3	205077478	83.91	83.91	0.281	12.750	610	32.95	TAPE	1/1/1996	20	3	LT	T	A5	I14	107	218	10.54	Yes	No	No	No	No	Yes	Yes	No	Yes	12/9/2014	
021E	144.6																													

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN	
021E	167.59	205144865	111.23	111.39	0.250	12.750	610	29.91	HAA	1/1/1967	828	3	LT	T	I6	I12		218	16.59	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/17/2012		
021E	167.6	205118310	111.39	113.02	0.250	12.750	610	29.91	HAA	1/1/1967	8610	3	LT	T	I2	I12		218	27.29	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/17/2012		
021E	167.9	205076489	113.02	113.07	0.250	12.750	610	37.04	HAA	1/1/1967	247	3	LT	T	I2	I12		218	21.91	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/17/2012		
021E	168	205076490	113.07	113.27	0.250	12.750	610	29.91	HAA	1/1/1967	1056	3	LT	T	I2	I12		218	21.13	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/17/2012		
021E	168.3	205076491	113.27	113.29	0.219	12.750	610	34.15	HAA	1/1/1978	85	3	LT	T	I2	I12		218	25.38	Yes	No	No	No	No	Yes	Yes	No	Yes	12/17/2012		
021E	168.5	205119849	113.29	113.36	0.250	12.750	610	29.91	HAA	1/1/1967	358	3	LT	T	I2	I12		218	21.13	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/17/2012		
021E	168.7	205128967	113.36	113.47	0.250	12.750	610	29.91	HAA	1/1/1967	601	3	LT	T	I8	I12		218	21.13	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/17/2012		
021E	168.73	205128969	113.47	114.08	0.250	12.750	610	29.91	HAA	1/1/1967	3202	3	LT	T	B8	I12		218	21.13	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/17/2012		
021E	168.88	205144891	114.08	114.49	0.250	12.750	610	29.91	HAA	1/1/1967	2153	3	LT	T	I6	I12		218	21.97	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/17/2012		
021E	170.5	205119859	115.00	115.27	0.188	8.625	610	33.32	HAA	1/1/1972	1423	3	LT	T	I8	E16	E09	148	15.53	Yes	No	No	No	No	Yes	Yes	No	Yes	11/12/2016		
021E	171	205119860	115.27	115.51	0.188	8.625	610	33.32	HAA	1/1/1972	1249	3	LT	T	I2	E13	E06	148	15.53	Yes	No	No	No	No	Yes	Yes	No	Yes	3/2/2013		
021E	171.3	205076495	115.51	115.54	0.500	8.625	610	15.03	HAA	1/1/1972	200	3	LT	T	I2	E13	E06	148	9.30	Yes	No	No	No	No	Yes	Yes	No	Yes	3/3/2013		
021E	172	205076496	115.54	115.96	0.188	8.625	610	33.32	HAA	1/1/1972	2213	3	LT	T	I2	E13	E06	148	14.94	Yes	No	No	No	No	Yes	Yes	No	Yes	3/3/2013		
021E	172.3	205118694	115.96	115.99	0.500	8.625	610	15.03	XTRUPL	1/1/1983	252	3	LT	T	I2	E13	E06	148	9.30	Yes	No	No	No	No	Yes	Yes	No	Yes	3/2/2013		
021E	172.6	205159077	115.99	115.99	0.500	8.625	610	15.03	XTRUPL	1/1/1983	49	3	LT	T	I6	E13	E06	148	9.30	Yes	No	No	No	No	Yes	Yes	No	Yes	11/12/2016		
021E	173	205076497	115.99	116.16	0.188	8.625	610	33.32	HAA	1/1/1972	888	3	LT	T	I8	E16	E09	148	14.94	Yes	No	No	No	No	Yes	Yes	No	Yes	11/12/2016		
021E	173.3	205076498	116.16	116.20	0.188	8.625	610	33.32	XTRUPL	1/1/1983	247	3	LT	T	I8	E16	E09	148	15.71	Yes	No	No	No	No	Yes	Yes	No	Yes	11/12/2016		
021E	174	205076499	116.20	116.39	0.188	8.625	610	33.32	HAA	1/1/1972	978	3	LT	T	I2	E13	E06	148	15.53	Yes	No	No	No	No	Yes	Yes	No	Yes	3/2/2013		
021E	174.3	205076500	116.39	116.46	0.188	8.625	610	33.32	XTRUPL	1/1/1983	417	3	LT	T	I2	E13	E06	148	18.77	Yes	No	No	No	No	Yes	Yes	No	Yes	3/2/2013		
021E	175	205076501	116.46	116.73	0.188	8.625	610	33.32	HAA	1/1/1972	1450	3	LT	T	I2	E13	E06	148	18.01	Yes	No	No	No	No	Yes	Yes	No	Yes	3/2/2013		
021E	175.3	205076502	116.73	116.74	0.188	8.625	610	33.32	HAA	1/1/1978	18	3	LT	T	I2	E13	E06	148	18.01	Yes	No	No	No	No	Yes	Yes	No	Yes	3/3/2013		
021E	176	205076503	116.74	116.85	0.188	8.625	610	33.32	HAA	1/1/1972	600	3	LT	T	I2	E13	E06	148	18.01	Yes	No	No	No	No	Yes	Yes	No	Yes	3/3/2013		
021E	176.3	205076504	116.85	116.85	0.188	8.625	610	33.32	HAA	1/1/1978	18	3	LT	T	I2	E13	E06	148	18.01	Yes	No	No	No	No	Yes	Yes	No	Yes	3/3/2013		
021E	176.6	205076505	116.85	116.91	0.188	8.625	610	33.32	HAA	1/1/1972	297	3	LT	T	I2	E13	E06	148	18.01	Yes	No	No	No	No	Yes	Yes	No	Yes	3/3/2013		
021E	176.9	205076506	116.91	116.91	0.188	8.625	610	33.32	HAA	1/1/1978	18	3	LT	T	I2	E13	E06	148	18.01	Yes	No	No	No	No	Yes	Yes	No	Yes	3/3/2013		
021E	177.2	205076507	116.91	117.06	0.188	8.625	610	33.32	HAA	1/1/1972	458	3	LT	T	I2	E13	E06	148	18.01	Yes	No	No	No	No	Yes	Yes	No	Yes	3/3/2013		
021E	177.5	205076508	117.06	117.06	0.188	8.625	610	33.32	HAA	1/1/1978	18	3	LT	T	I2	E13	E06	148	18.01	Yes	No	No	No	No	Yes	Yes	No	Yes	3/3/2013		
021E	177.8	205076509	117.06	117.13	0.188	8.625	610	33.32	HAA	1/1/1972	385	3	LT	T	I2	E13	E06	148	18.01	Yes	No	No	No	No	Yes	Yes	No	Yes	3/3/2013		
021E	178.1	205076510	117.13	117.14	0.188	8.625	610	33.32	HAA	1/1/1975	18	3	LT	T	I2	E13	E06	148	18.33	Yes	No	No	No	No	Yes	Yes	No	Yes	3/3/2013		
021E	178.4	205076511	117.14	117.23	0.188	8.625	610	33.32	HAA	1/1/1972	475	3	LT	T	I2	E13	E06	148	18.01	Yes	No	No	No	No	Yes	Yes	No	Yes	3/3/2013		
021E	178.7	205076512	117.23	117.24	0.500	8.625	610	15.03	HAA	1/1/1972	94	3	LT	T	I2	E13	E06	148	12.36	Yes	No	No	No	No	Yes	Yes	No	Yes	3/3/2013		
021E	180	205130588	117.24	117.46	0.188	8.625	610	33.32	HAA	1/1/1972	1140	3	LT	T	I2	E13	E06	148	21.13	Yes	No	No	No	No	Yes	Yes	No	Yes	3/3/2013		
021E	181.3	205118700	118.28	118.45	0.188	8.625	610	33.32	HAA	1/1/1972	875	3	LT	T	I2	E13	E06	148	18.01	Yes	No	No	No	No	Yes	Yes	No	Yes	3/3/2013		
021E	182.74	205130591	119.18	119.24	0.188	8.625	610	33.32	HAA	1/1/1972	311	3	LT	T	I2	E13	E06	148	18.01	Yes	No	No	No	No	Yes	Yes	No	Yes	3/3/2013		
021E	183	205076517	119.24	119.95	0.188	8.625	610	33.32	HAA	1/1/1972	3759	3	LT	T	I2	E13	E06	148	18.01	Yes	No	No	No	No	Yes	Yes	No	Yes	3/2/2013		
021E	183.3	205076518	119.95	120.03	0.188	8.625	610	33.32	TAPE	1/1/1972	415	3	LT	T	I2	E13	E06	148	24.60	Yes	No	No	No	No	Yes	Yes	No	Yes	3/3/2013		
021E	186	205118704	120.31	120.43	0.188	8.625	610	33.32	TAPE	1/1/1972	651	3	LT	T	I2	E13	E06	148	24.60	Yes	No	No	No	No	Yes	Yes	No	Yes	3/3/2013		
021E	187.75	205130593	120.90	121.08	0.188	8.625	610	33.32	TAPE	1/1/1972	950	3	LT	T	I2	E13	E06	148	24.60	Yes	No	No	No	No	Yes	Yes	No	Yes	3/3/2013		
021E	188	205118708	121.08	121.14	0.188	8.625	610	33.32	TAPE	1/1/1972	325	3	LT	T	I2	E13	E06	148	24.60	Yes	No	No	No	No	Yes	Yes	No	Yes	3/3/2013		
021E	188.5	205118709	121.14	121.21	0.188	8.625	610	33.32	TAPE	1/1/1972	335	3	LT	T	I21	E13	E06	148	24.60	Yes	No	No	No	No	Yes	Yes	No	Yes	3/3/2013		
021E	190	205118316	121.44	121.82	0.188	8.625	610	33.32	TAPE	1/1/1972	2002	3	LT	T	I2	E13	E06	148	24.60	Yes	No	No	No	No	Yes	Yes	No	Yes	3/3/2013		
021E	191	205076549	121.82	122.00	0.188	8.625	610	33.32	TAPE	1/1/1972	950	3	LT	T	I2	E13	E06	148	19.73	Yes	No	No	No	No	Yes	Yes	No	Yes	3/3/2013		
021E	191.3	205118313	122.00	122.32	0.188	8.625	610	33.32	TAPE	1/1/1972	1331	3	LT	T	I2	E13	E06	148	24.60	Yes	No	No	No	No	Yes	Yes	No	Yes	3/3/2013		
021E	198.2	205160767	129.28	129.42	0.172	8.625	610	36.42	TAPE	1/1/1972	726	1	LT	T	I6	E13		148	27.56	Yes	No	No	No	No	Yes	Yes	No	Yes	7/26/2017		
021E	201.1	205144868	135.82	136.00	0.172	8.625	610	36.42	TAPE	1/1/1972	973	3	LT	T	I6	E13		148	25.14	Yes	No	No	No	No	Yes	Yes	No	Yes	11/10/2015		
021E	201.67	205130596	137.03	137.12	0.172	8.625	610	36.42	TAPE	1/1/1972	477	3	LT	T	I8	E16	E09	148	17.73	Yes	No	No	No	No	Yes	Yes	No	Yes	11/12/2016		
021E	201.7	205076540	137.12	137.15	0.172	8.625	610	36.42	TAPE	1/1/1972	141	3	LT	T	I8	E16	E09	148	17.73	Yes	No	No	No	No	Yes	Yes	No	Yes	11/12/2016		
021E	202	205158186	137.15	137.29	0.188	8.625	610	33.32</																							

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN
021F	108	205079637	2.02	2.13	0.250	12.750	450	32.79	HAA	1/1/1940	575	3	LT	T	I5	E17	E10	188	22.74	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/15/2017	
021F	108.3	205079802	2.13	2.15	0.281	12.750	450	24.31	XTRUPL	1/1/1975	111	3	LT	T	I5	E17	E10	188	10.71	Yes	No	No	No	No	Yes	Yes	No	Yes	12/15/2017	
021F	108.6	205079803	2.15	2.16	0.375	16.000	450	22.86	XTRUPL	1/1/1982	480	3	LT	T	I5	E17	E10	235	9.62	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017
021F	108.9	205079804	2.16	2.16	0.375	16.000	450	22.86	XTRUPL	1/1/1982	106	3	LT	T	I5	E17	E10	235	14.70	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017
021F	110	205079805	2.16	2.17	0.375	16.000	450	22.86	XTRUPL	1/1/1982	758	3	LT	T	I5	E17	E10	235	14.70	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017
021F	118	205074006	9.20	9.43	0.375	16.000	450	22.86	TAPE	1/1/1985	1219	3	LT	T	I1	E17	E10	235	18.09	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017
021F	119	205074044	9.43	9.57	0.250	12.750	450	27.32	HAA	1/1/1964	778	3	LT	T	I1	E17	E10	187	20.87	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/15/2017
021F	119.5	205123924	9.57	9.77	0.375	16.000	450	22.86	TAPE	1/1/1985	1099	3	LT	T	I1	E17	E10	235	9.62	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017
021F	122	205123929	10.57	10.66	0.375	16.000	450	22.86	TAPE	1/1/1985	794	3	LT	T	I1	E17	E10	235	13.40	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017
021F	122.3	205074008	10.66	10.69	0.219	12.750	450	31.19	TAPE	1/1/1972	112	3	LT	T	I1	E17	E10	187	22.45	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017
021F	122.6	205074009	10.69	10.75	0.375	20.000	450	28.57	TAPE	1/1/1972	340	3	LT	T	I1	E17	E10	293	17.03	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017
021F	122.9	205074010	10.75	10.80	0.219	12.750	450	31.19	TAPE	1/1/1972	261	3	LT	T	I1	E13	E06	187	23.28	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/3/2013
021F	123.2	205074011	10.80	10.81	0.375	12.750	450	18.21	TAPE	1/1/1985	4	3	LT	T	I1	E13	E06	187	14.96	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/3/2013
021F	123.5	205074012	10.81	10.84	0.375	16.000	450	22.86	TAPE	1/1/1985	193	3	LT	T	I1	E13	E06	235	15.69	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/2/2013
021F	123.8	205074013	10.84	10.84	0.375	12.750	450	21.86	TAPE	1/1/1985	8	3	LT	T	I1	E13	E06	188	15.32	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/2/2013
021F	124.1	205074014	10.84	10.84	0.375	12.750	450	18.21	TAPE	1/1/1973	10	3	LT	T	I1	E13	E06	188	15.81	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/2/2013
021F	124.4	205074015	10.84	10.85	0.281	12.750	450	24.31	TAPE	1/1/1985	32	3	LT	T	I1	E13	E06	188	15.32	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/2/2013
021F	125	205074063	10.85	11.72	0.250	12.750	450	32.79	HAA		4595	3	LT	T	I1	E13	E06	188	28.45	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	3/2/2013	
021F	125.3	205073932	11.72	11.73	0.313	12.750	450	21.86	HAA	1/1/1967	15	3	LT	T	I1	E13	E06	187	15.51	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	3/3/2013
021F	126	205073933	11.73	11.88	0.250	12.750	450	32.79	HAA	1/1/1946	847	3	LT	T	I1	E13	E06	187	19.93	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	3/3/2013
021F	126.3	205073929	11.88	11.94	0.250	12.750	450	32.79	HAA	1/1/1966	312	3	LT	T	I1	E13	E06	187	20.29	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/3/2013
021F	126.6	205073930	11.94	12.00	0.250	12.750	450	32.79	HAA	1/1/1946	317	3	LT	T	I1	E13	E06	187	28.78	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	3/3/2013
021F	127	205073931	12.00	12.13	0.250	12.750	450	32.79	HAA	1/1/1946	691	3	LT	T	B1	E13	E06	187	22.16	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	3/3/2013
021F	127.3	205073884	12.13	12.17	0.375	16.000	450	22.86	TAPE	1/1/1991	245	3	LT	T	B1	E13	E06	235	17.58	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/3/2013
021F	128	205073885	12.17	12.29	0.250	12.750	450	32.79	HAA	1/1/1946	617	3	LT	T	B1	E13	E06	187	28.78	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	3/3/2013
021F	128.3	205073935	12.29	12.30	0.250	12.750	450	32.79	HAA	1/1/1946	37	3	LT	T	B1	E13	E06	187	28.78	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	3/3/2013
021F	128.6	205073886	12.30	12.39	0.250	12.750	450	32.79	HAA	1/1/1946	490	3	LT	T	B1	E13	E06	187	28.78	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	3/3/2013
021F	128.9	205073887	12.39	12.39	0.313	12.750	450	21.86	TAPE	1/1/1986	5	3	LT	T	I1	E13	E06	187	9.39	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/3/2013
021F	129.2	205073888	12.39	12.40	0.375	16.000	450	22.86	TAPE	1/1/1986	63	3	LT	T	B1	E13	E06	235	9.62	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/3/2013
021F	129.5	205073889	12.40	12.40	0.313	12.750	450	21.86	TAPE	1/1/1986	3	3	LT	T	I1	E13	E06	187	9.39	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/3/2013
021F	130	205073936	12.40	12.97	0.250	12.750	450	32.79	HAA	1/1/1946	2967	3	LT	T	B1	E13	E06	187	17.69	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	3/3/2013
021F	130.3	205073890	12.97	12.98	0.250	12.750	450	32.79	HAA	1/1/1956	30	3	LT	T	I1	E13	E06	187	12.09	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	3/3/2013
021F	131	205073891	12.98	13.17	0.250	12.750	450	32.79	HAA	1/1/1946	961	3	LT	T	I1	E13	E06	187	14.38	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	3/3/2013
021F	131.3	205073892	13.17	13.18	0.250	12.750	450	32.79	HAA	1/1/1946	20	3	LT	T	I1	E13	E06	187	14.38	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	3/3/2013
021F	131.7	205123934	13.18	13.38	0.250	12.750	450	32.79	HAA	1/1/1946	1041	3	LT	T	I1	E13	E06	187	16.61	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	3/3/2013
021F	132.2	205143856	13.61	13.76	0.250	12.750	450	32.79	HAA	1/1/1946	823	3	LT	T	I9	E13		187	22.18	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/8/2015
021F	132.25	205152067	13.76	13.87	0.250	12.750	450	32.79	HAA	1/1/1946	595	3	LT	T	I5	E13		188	21.85	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	8/27/2016
021F	134.5	205123948	14.03	14.20	0.250	12.750	450	32.79	HAA	1/1/1941	1141	3	LT	T	I1	E13	E06	187	27.65	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	3/3/2013
021F	135.1	205128984	14.39	14.53	0.250	12.750	450	32.79	HAA	1/1/1941	942	3	LT	T	A5	E17	E10	187	23.18	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/15/2017
021F	135.2	205073980	14.53	14.53	0.281	12.750	450	24.31	TAPE	12/17/2001	3	3	LT	T	A1	E17	E10	188	9.39	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017
021F	135.5	205073981	14.53	15.00	0.312	16.000	450	22.19	FBE	12/17/2001	2188	3	LT	T	A1	E17	E10	235	13.00	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017
021F	135.7	205073977	15.00	15.00	0.281	12.750	450	24.31	TAPE	12/17/2001	6	3	LT	T	A1	E17	E10	188	18.82	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017
021F	136	205123952	15.00	15.30	0.250	12.750	450	32.79	HAA	1/1/1941	1609	3	LT	T	B1	E13	E06	187	31.93	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	3/3/2013
021F	136.3	205123961	15.50	15.74	0.250	12.750	450	32.79	HAA	1/1/1941	1265	3	LT	T	B1	E13	E06	187	27.46	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	3/3/2013
021F	136.4	205073901	15.74	15.81	0.219	12.750	450	31.19	TAPE	1/1/1969	374	3	LT	T	A1	E13	E06	187	20.30	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	3/3/2013
021F	136.6	205073902	15.81	15.82	0.250	12.750	450	32.79	HAA	1/1/1941	65	3	LT	T	A1	E13	E06	187	19.18	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	3/3/2013
021F	136.8	205073903	15.82	15.86	0.219	12.750	450	31.19	TAPE	1/1/1968	208	3	LT	T	A1	E13	E06	187	23.28	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	3/3/2013
021F	137.2	205073904	15.86	15.95	0.250	12.750	450	32.79	HAA	1/1/1941	476	3	LT	T	A1	E13	E06	187	22.16	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	3/3/2013
021F	137.5																													

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EO THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	FC PLAN	IC PLAN	SCC PLAN		
021F	145	205096216	18.66	18.79	0.250	12.750	450	32.79	HAA	1/1/1941	481	3	LT	T	I1	E13	E06	187	23.18	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	3/3/2013			
021F	145.6	205096217	18.79	18.80	0.250	16.000	450	34.29	TAPE	1/1/1978	99	3	LT	T	I1	E13	E06	235	13.05	Yes	No	No	No	No	Yes	Yes	No	Yes	3/3/2013			
021F	145.9	205096218	18.80	18.80	0.250	16.000	450	31.30	TAPE	1/1/1978	72	3	LT	T	I1	E13	E06	235	13.05	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/3/2013		
021F	147	205096220	18.80	19.42	0.250	16.000	450	31.30	TAPE	1/1/1978	3332	3	LT	T	I1	E13	E06	235	13.05	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/3/2013		
021F	148	205096210	19.42	19.62	0.281	12.750	450	29.17	HAA	1/1/1961	976	3	LT	T	I1	E13	E06	187	13.25	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	3/3/2013		
021F	148.3	205096211	19.62	19.64	0.281	12.750	450	29.17	SOMA	1/1/1961	124	3	LT	T	I1	E13	E06	187	13.25	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	3/3/2013		
021F	148.6	205096212	19.64	19.67	0.281	12.750	450	29.17	HAA	1/1/1961	149	3	LT	T	I1	E13	E06	187	9.94	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	3/3/2013		
021F	149	205096213	19.67	19.93	0.281	12.750	450	29.17	HAA	1/1/1960	1356	3	LT	T	I1	E13	E06	188	14.51	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	3/2/2013		
021F	150	205096214	19.93	20.15	0.281	16.000	450	30.50	HAA	1/1/1960	1147	3	LT	T	I1	E13	E06	235	18.93	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	3/3/2013		
021F	151	205096207	20.15	20.36	0.281	16.000	450	30.50	HAA	1/1/1963	1130	3	LT	T	I1	E13	E06	235	18.93	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	3/3/2013		
021F	151.3	205096208	20.36	20.43	0.281	16.000	450	30.50	HAA	1/1/1952	395	3	LT	T	I1	E13	E06	235	19.61	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	3/3/2013		
021F	151.6	205096209	20.43	20.47	0.281	16.000	450	30.50	HAA	1/1/1961	210	3	LT	T	I1	E13	E06	235	18.93	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	3/3/2013		
021F	152	205123607	20.47	20.81	0.281	16.000	450	30.50	HAA	1/1/1952	1778	3	LT	T	I1	E13	E06	235	19.61	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	3/3/2013		
021F	153.5	205128125	21.08	21.15	0.312	16.000	450	22.19	FBE	7/11/2003	344	3	LT	T	A5	E17	E10	235	14.19	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021F	154	205098273	21.15	21.16	0.375	16.000	450	27.43		7/11/2003	28	3	LT	T	A5	E17	E10	235	14.19	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021G	102.1	205119317	1.12	1.52	0.313	16.000	450	27.43	HAA	1/1/1960	2122	3	LT	T	A5	E17	E10	235	14.70	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021G	103	205079640	1.52	1.78	0.313	16.000	450	27.43	HAA	1/1/1960	1372	3	LT	T	I5	E17	E10	235	14.86	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021G	104	205079641	1.78	2.02	0.313	16.000	450	27.43	HAA	1/1/1960	1257	3	LT	T	I5	E17	E10	235	14.70	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021G	105	205119318	2.02	2.14	0.281	16.000	450	30.50	SOMA	1/1/1960	639	3	LT	T	I5	E17	E10	235	16.17	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021G	118.3	205123923	8.94	9.16	0.281	16.000	450	30.50	HAA	1/1/1961	1241	3	LT	T	I1	E17	E10	235	10.63	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021G	118.7	205074046	9.16	9.17	0.281	16.000	450	30.50	SOMA	1/1/1961	38	3	LT	T	I1	E17	E10	235	10.63	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021G	119	205074047	9.17	9.35	0.281	16.000	450	30.50	HAA	1/1/1961	982	3	LT	T	I1	E17	E10	235	11.41	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021G	119.3	205074048	9.35	9.36	0.281	16.000	450	30.50	SOMA	1/1/1961	37	1	LT	T	I1	E17	E10	235	4.68	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021G	122	205123927	10.17	10.27	0.281	16.000	450	30.50	SOMA	1/1/1961	554	3	LT	T	I1	E17	E10	235	13.70	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021G	122.3	205074034	10.27	10.27	0.281	16.000	450	30.50	HAA	1/1/1961	15	3	LT	T	I1	E17	E10	235	13.70	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021G	122.6	205074064	10.27	10.31	0.313	16.000	450	22.15	TAPE	1/1/1972	195	3	LT	T	I1	E17	E10	235	16.56	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021G	122.9	205074035	10.31	10.37	0.375	20.000	450	28.57	TAPE	1/1/1972	340	3	LT	T	I1	E17	E10	293	17.03	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021G	123.2	205074036	10.37	10.38	0.313	16.000	450	22.15	TAPE	1/1/1972	70	3	LT	T	I1	E17	E10	235	17.40	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021G	123.5	205074037	10.38	10.47	0.281	16.000	450	30.50	HAA	1/1/1961	432	3	LT	T	I1	E17	E10	235	16.84	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021G	123.8	205074051	10.47	10.47	0.250	16.000	450	27.69	SOMA	1/1/1970	5	3	LT	T	I1	E17	E10	235	14.52	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021G	125	205074052	10.47	12.00	0.250	20.000	450	34.62	SOMA	1/1/1970	8085	3	LT	T	B1	E17	E10	294	21.16	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021G	126	205073913	12.00	12.12	0.250	20.000	450	34.62	SOMA	1/1/1970	652	3	LT	T	I1	E17	E10	294	16.28	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021G	126.3	205073914	12.12	12.12	0.344	20.000	450	31.15	SOMA	1/1/1970	14	3	LT	T	I1	E17	E10	294	15.64	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021G	126.6	205073915	12.12	12.16	0.375	20.000	450	23.08	TAPE	1/1/1988	252	3	LT	T	I1	E17	E10	293	15.96	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021G	127	205073916	12.16	12.26	0.250	20.000	450	34.62	SOMA	1/1/1970	558	3	LT	T	I1	E17	E10	294	10.93	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021G	128	205073917	12.26	12.39	0.344	20.000	450	25.16	SOMA	1/1/1970	619	3	LT	T	I1	E17	E10	294	13.72	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021G	128.5	205123930	12.39	12.41	0.250	20.000	450	34.62	SOMA	1/1/1970	124	3	LT	T	I1	E17	E10	294	15.23	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021G	129.3	205123933	12.67	12.73	0.250	20.000	450	34.62	SOMA	1/1/1970	326	3	LT	T	I1	E17	E10	294	15.23	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021G	129.7	205073919	12.73	12.75	0.344	20.000	450	31.15	SOMA	1/1/1970	129	3	LT	T	I1	E17	E10	294	15.23	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021G	130	205073982	12.75	13.72	0.250	20.000	450	34.62	SOMA	1/1/1970	5107	3	LT	T	B1	E17	E10	294	15.23	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021G	130.5	205123946	13.81	14.01	0.281	16.000	450	30.50	HAA	1/1/1960	1164	3	LT	T	I1	E17	E10	235	18.43	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021G	130.8	205128986	14.17	14.31	0.281	16.000	450	30.50	HAA	1/1/1960	802	3	LT	T	A5	E17	E10	235	18.43	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021G	130.9	205123951	14.31	14.47	0.281	16.000	450	30.50	HAA	1/1/1960	969	3	LT	T	A1	E17	E10	235	9.36	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021G	131.3	205073976	14.47	14.66	0.312	16.000	450	22.19	FBE	12/17/2001	1432	3	LT	T	B1	E17	E10	235	12.66	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021G	131.5	205073975	14.66	14.70	0.281	16.000	450	30.50	HAA	1/1/1960	232	3	LT	T	I1	E17	E10	235	11.65	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021G	131.7	205073920	14.70	14.73	0.281	16.000	450	30.50	SOMA	1/1/1960	158	3	LT	T	I1	E17	E10	235	16.73	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/15/2017		
021G	132	205073921	14.73	15.00	0.281	16.000	450	30.50																								



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EO THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EO PLAN	IC PLAN	SCC PLAN
021G	146	205098262	20.83	20.84	0.375	12.750	450	21.86	TAPE	7/11/2003	50	3	LT	T	A5	E17	E10	187	13.86	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017
021H	100.2	205085560	0.00	0.01	0.250	24.000	400	36.92	SOMA	1/1/1966	76	3	LT	T	B5	E17	E10	332	16.94	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017
021H	100.3	205085170	0.01	0.13	0.500	24.000	400	18.46	PC	1/1/1999	672	3	LT	T	B5	E12		332	13.36	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	101.7	205085566	0.13	0.13	0.500	26.000	400	29.71	PC	12/12/2000	23	3	LT	T	B5	E17	E10	360	13.80	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017
021H	102	205085572	0.13	0.18	0.500	24.000	400	18.46	PC	1/1/2001	268	3	LT	T	I5	E12		332	15.17	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	103.3	205085574	0.18	0.19	0.500	24.000	400	18.46	PC	1/1/2001	70	3	LT	T	I5	E12		332	15.88	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	103.5	205085575	0.19	0.52	0.500	24.000	400	18.46	PC	1/1/2001	1930	3	LT	T	I5	E12		332	18.72	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	104	205085573	0.52	0.89	0.500	24.000	400	18.46	PC	1/1/2001	1810	3	LT	T	I5	E12		332	12.33	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	107	205085548	1.07	1.52	0.313	24.000	400	29.54	HAA	1/1/1966	2390	3	LT	T	A1	E17	E10	332	15.37	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017
021H	107.3	205074004	1.52	1.55	0.250	16.000	-650	-40.00	HAA	1/1/1966	186	3	LT	T	I8	E17	E10	282	16.42	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/15/2017
021H	107.6	205074002	1.55	1.59	0.250	16.000	250	15.38	HAA	1/1/1966	35	3	LT	T	I8	E17		175	12.15	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/15/2017
021H	107.8	205131217	1.59	1.65	0.281	12.750	250	13.50	TAPE	1/1/1985	338	3	LT	T	I8	E12		140	14.20	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	108.56	205131214	1.82	2.00	0.281	12.750	250	13.50	TAPE	1/1/1985	977	3	LT	T	I8	E12		140	14.20	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	109.5	205119913	2.25	2.35	0.281	12.750	250	13.50	XTRUPL	1/1/1986	912	3	LT	T	I1	E12		140	14.20	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	109.9	205119918	2.46	2.59	0.281	12.750	250	13.50	XTRUPL	1/1/1986	1146	3	LT	T	I1	E12		140	14.20	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	111.4	205073877	2.87	2.93	0.281	12.750	250	13.50	XTRUPL	1/1/1992	453	3	LT	T	I1	E12		140	10.37	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	111.8	205073870	2.93	3.00	0.219	12.750	250	20.79	XTRUPL	1/1/1982	386	3	LT	T	I1	E17	E10	140	13.58	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017
021H	112	205119919	3.00	3.06	0.219	12.750	250	17.33	XTRUPL	1/1/1982	279	3	LT	T	I1	E12		140	18.62	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	112.6	205119922	3.83	4.00	0.219	12.750	250	17.33	XTRUPL	1/1/1982	834	3	LT	T	I1	E12		140	23.73	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	112.8	205119923	4.00	4.03	0.219	12.750	250	17.33	XTRUPL	1/1/1982	140	3	LT	T	I1	E12		140	22.98	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	113.20	205131212	4.17	4.30	0.219	12.750	250	17.33	XTRUPL	1/1/1982	661	3	LT	T	I8	E12		140	18.62	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	113.52	205164099	4.38	4.47	0.281	12.750	250	13.50	XTRUPL	1/1/1992	655	3	LT	T	I3	E17		140	10.37	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/14/2017
021H	113.6	205136591	4.52	4.55	0.281	12.750	250	13.50	XTRUPL	1/1/1992	193	3	LT	T	I9	E12		140	10.37	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	113.8	205119973	4.55	4.63	0.281	12.750	250	13.50	XTRUPL	1/1/1992	616	3	LT	T	I1	E12		140	10.37	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	114.2	205119975	5.06	5.08	0.281	12.750	250	13.50	XTRUPL	1/1/1992	158	3	LT	T	I1	E12		140	10.37	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	114.4	205073861	5.08	5.09	0.281	12.750	250	12.33	XTRUPL	1/1/1975	70	3	LT	T	I1	E12		140	15.49	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	114.6	205073862	5.09	5.10	0.281	12.750	250	13.50	XTRUPL	1/1/1992	396	3	LT	T	I1	E12		140	14.36	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	115	205073863	5.10	5.43	0.375	12.750	250	12.14	XTRUPL	1/1/1984	1992	3	LT	T	I1	E12		140	14.96	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	115.5	205119976	5.43	5.46	0.281	12.750	250	13.50	TAPE	1/1/1992	147	3	LT	T	I1	E12		140	10.37	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	116.3	205073865	5.68	5.72	0.313	12.750	250	12.14	XTRUPL	1/1/1990	349	3	LT	T	I1	E12		140	13.61	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	116.6	205073866	5.72	5.75	0.375	12.750	250	12.14	XTRUPL	1/1/1990	180	3	LT	T	I1	E12		140	13.61	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	116.9	205073868	5.75	5.79	0.219	12.750	250	20.79	HAA	1/1/1961	212	3	LT	T	I1	E17	E10	140	16.53	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/15/2017
021H	118	205074103	5.79	6.00	0.281	12.750	250	13.50	XTRUPL	1/1/1987	2350	3	LT	T	I1	E12		140	14.96	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	119	205074107	6.00	6.38	0.281	12.750	250	13.50	XTRUPL	1/1/1987	1990	3	LT	T	I1	E12		140	14.96	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	119.3	205074104	6.38	6.42	0.250	12.750	250	15.18	HAA	1/1/1959	294	3	LT	T	I1	E12		140	17.21	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	119.6	205074106	6.42	6.43	0.250	12.750	250	15.18	TAPE	1/1/1977	327	3	LT	T	I1	E12		140	15.49	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	121.7	205119979	6.56	7.00	0.281	12.750	250	13.50	TAPE	1/1/1986	2300	3	LT	T	I1	E12		140	14.20	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	121.9	205119980	7.00	7.01	0.219	12.750	250	20.79	TAPE	1/1/1981	387	3	LT	T	I1	E17	E10	140	14.86	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017
021H	122	205136588	7.01	7.02	0.219	12.750	250	20.79	TAPE	1/1/1981	226	3	LT	T	I9	E17	E10	140	14.86	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017
021H	122.05	205163399	7.06	7.09	0.219	12.750	250	20.79	TAPE	1/1/1981	1122	3	LT	T	I9	E16		140	24.61	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/17/2016
021H	122.1	205074092	7.09	7.18	0.281	12.750	250	13.50	FBE	9/6/2000	466	3	LT	T	I5	E12		140	13.53	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	122.2	205118478	7.18	7.24	0.281	12.750	250	13.50	FBE	9/6/2000	281	3	LT	T	I5	E12		140	11.35	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	122.27	205118481	7.49	7.59	0.281	12.750	250	13.50	FBE	9/6/2000	512	3	LT	T	A5	E12		140	11.10	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	122.3	205118482	7.59	7.66	0.281	12.750	250	13.50	PC	9/6/2000	374	3	LT	T	A5	E12		140	12.43	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	122.5	205074098	7.98	8.06	0.281	12.750	250	13.50	PC	9/6/2000	416	3	LT	T	A5	E12		140	25.11	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	122.6	205146890	8.06	8.08	0.281	12.750	250	13.50	FBE	9/6/2000	115	3	LT	T	I6	E12		140	21.88	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	122.8	205146891	8.08	8.08	0.281	12.750	250	13.50	FBE	9/6/2000	3	3	LT	T	I6	E12		140	17.52	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
021H	123	205117929	8.08	8.15	0.250	12.750	250	21.25	HAA	1/1/1930	388	3	LT	T	I6	E17	E10	140	27.77	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/15/2017
021H	123.11	205140407	8.15	8.18	0.250	12.750																								



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN	
0401-01	113	205123536	4.89	5.44	-0.250	20.000	175	-26.52		1/1/1967	2853	3	DFM	TI	I1	E13	E06	183	26.38	Yes	No	No	Yes	No	Yes	Yes	No	Yes	3/3/2013		
0402-01	123	205126687	0.00	0.12	0.281	12.750	175	9.45	FBE	7/11/2003	652	3	DFM	TP	A5	E12		117	13.13	Yes	No	No	No	No	Yes	Yes	No	Yes	12/17/2012		
0402-01	123.5	205126688	0.12	0.22	0.281	12.750	175	9.45	FBE	7/11/2003	509	3	DFM	TP	I5	E12		117	13.13	Yes	No	No	No	No	Yes	Yes	No	Yes	12/17/2012		
0402-01	124	205098255	0.22	0.22	0.312	16.000	175	8.63	FBE	7/11/2003	2	3	DFM	TP	I5	E12		147	13.33	Yes	No	No	No	No	Yes	Yes	No	Yes	12/17/2012		
0402-01	124.5	205098244	0.22	0.27	0.375	16.000	175	8.89		1/1/1990	255	3	DFM	TP	I5	E12		147	24.28	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/17/2012		
0402-01	125	205098245	0.27	0.41	0.250	16.000	175	13.33		1/1/1978	753	3	DFM	TP	B5	E12		147	25.92	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/17/2012		
0402-01	125.5	205098246	0.41	0.46	-0.203	12.750	175	-28.62		1/1/1929	252	3	DFM	TI	B1	E13	E06	117	29.19	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	3/3/2013		
0402-01	126	205098247	0.46	0.66	-0.203	12.750	175	-18.32		1/1/1947	1051	3	DFM	TP	A1	E13	E06	117	30.76	Yes	No	No	Yes	No	Yes	Yes	No	Yes	3/3/2013		
0402-01	128	205098250	0.83	0.98	0.375	16.000	175	8.89	PL	1/1/1984	825	3	DFM	TP	A1	E13	E06	147	13.20	Yes	No	No	Yes	No	Yes	Yes	No	Yes	3/3/2013		
0402-01	128.1	205098251	0.98	1.22	-0.219	16.000	175	-18.26		1/1/1990	1384	3	DFM	TP	B1	E13	E06	147	24.38	Yes	No	No	Yes	No	Yes	Yes	No	Yes	3/3/2013		
0402-01	128.3	205098192	1.22	1.45	0.250	16.000	175	16.00		1/1/1992	1228	3	DFM	TP	B1	E13	E06	147	21.66	Yes	No	No	Yes	No	Yes	Yes	No	Yes	3/3/2013		
0402-01	130	205098195	1.45	1.92	0.375	16.000	175	8.89	TAPE	1/1/1987	2475	3	DFM	TP	B1	E13	E06	147	15.31	Yes	No	No	Yes	No	Yes	Yes	No	Yes	3/3/2013		
0402-01	131	205098197	1.92	2.06	0.250	20.000	175	16.67	TAPE	1/1/1970	745	3	DFM	TP	B1	E13	E06	183	11.95	Yes	No	No	Yes	No	Yes	Yes	No	Yes	3/3/2013		
0402-01	132	205098196	2.06	2.23	-0.219	16.000	175	-18.26		1/1/1959	887	3	DFM	TP	B1	E13	E06	147	28.16	Yes	No	No	Yes	No	Yes	Yes	No	Yes	3/3/2013		
0402-01	133	205098198	2.23	2.27	-0.219	16.000	175	-18.26		1/1/1961	233	3	DFM	TP	B1	E13	E06	147	29.46	Yes	No	No	Yes	No	Yes	Yes	No	Yes	3/3/2013		
0402-01	134	205140034	2.27	2.35	-0.219	16.000	175	-18.26		1/1/1954	420	3	DFM	TP	B1	E13	E06	147	26.06	Yes	No	No	Yes	No	Yes	Yes	No	Yes	3/3/2013		
0402-01	134.2	205140035	2.35	2.35	-0.219	16.000	175	-18.26		1/1/1954	5	3	DFM	TP	B1	E13	E06	147	25.24	Yes	No	No	Yes	No	Yes	Yes	No	Yes	3/3/2013		
0402-01	134.5	205140022	2.35	2.35	0.188	10.750	175	14.30		1/1/1954	2	3	DFM	TP	B1	E13	E06	99	25.81	Yes	No	No	Yes	No	Yes	Yes	No	Yes	3/3/2013		
0402-01	134.7	205140023	2.35	2.36	0.156	6.625	175	10.62		1/1/1954	16	3	DFM	TP	B1	E13	E06	61	25.30	Yes	No	No	Yes	No	Yes	Yes	No	Yes	3/3/2013		
0404-11	101	205074143	0.00	0.02	0.188	8.625	650	28.67		1/1/1968	112	3	DFM	T	I9	E12		153	36.75	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/17/2012		
0404-11	102	205074144	0.02	0.04	0.156	3.500	650	20.83		1/1/1993	80	3	DFM	T	I9	E12		63	25.29	Yes	No	No	No	No	Yes	Yes	No	Yes	12/17/2012		
0405-01	103.6	205118507	1.79	1.83	0.281	10.750	450	20.49		1/1/1955	216	3	DFM	T	I5	E13	E06	158	18.73	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/30/2013		
0405-01	104	205118508	1.83	2.05	0.223	10.750	450	25.82	HAA	1/1/1965	1149	3	DFM	T	B5	E13	E06	158	22.53	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/30/2013		
0405-01	105.5	205118511	2.20	2.79	0.313	10.750	450	22.11		1/1/1961	3145	3	DFM	T	B5	E13	E06	158	18.21	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/30/2013		
0405-01	106	205078077	2.79	3.08	-0.188	10.750	450	-36.76		1/1/1963	1489	3	DFM	T	B5	E13	E06	158	33.27	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/30/2013		
0405-01	107	205092051	3.08	3.30	0.188	10.750	450	36.76		1/1/1956	1184	3	DFM	T	I5	E13	E06	158	29.84	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/30/2013		
0405-01	108	205092161	3.30	3.89	-0.188	10.750	450	-36.76		1/1/1963	3099	3	DFM	T	I5	E13	E06	158	34.09	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/30/2013		
0405-01	108.3	205092151	3.89	3.92	0.188	10.750	450	30.63	HAA	1/1/1975	148	3	DFM	T	I5	E13	E06	158	26.31	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/30/2013		
0405-01	110	205118512	3.92	3.94	-0.188	10.750	450	-36.76		1/1/1965	124	3	DFM	T	I5	E13	E06	158	36.53	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/30/2013		
0405-01	110.04	205118516	4.04	4.28	-0.188	10.750	450	-36.76		1/1/1965	1254	3	DFM	T	A5	E13	E06	158	32.51	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/30/2013		
0405-01	110.3	205118519	4.39	4.97	-0.188	10.750	450	-36.76		1/1/1965	3067	3	DFM	T	I5	E13	E06	158	33.54	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/30/2013		
0405-01	111	205119672	4.97	5.11	0.188	8.625	450	24.58		1/1/1965	750	3	DFM	T	I5	E13	E06	127	30.87	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/30/2013		
0405-01	111.2	205119674	5.11	5.19	-0.172	8.625	450	-32.24		1/1/1965	473	3	DFM	T	A9	E13		127	38.36	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/31/2015		
0405-01	111.5	205119676	5.19	5.90	0.188	8.625	450	24.58	HAA	1/1/1965	3763	3	DFM	T	I5	E13	E06	127	28.94	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/30/2013		
0405-01	111.8	205119679	6.15	6.98	0.188	8.625	450	24.58	HAA	1/1/1965	4411	3	DFM	T	I5	E13	E06	127	26.75	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/30/2013		
0405-01	112	205119680	6.98	7.13	-0.188	10.750	450	-36.76		1/1/1964	801	3	DFM	T	I5	E13	E06	158	28.87	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/30/2013		
0405-01	113.2	205119683	8.09	8.18	0.219	10.750	450	26.30	HAA	1/1/1964	459	3	DFM	T	I5	E13	E06	158	24.73	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/30/2013		
0405-01	113.3	205078061	8.18	8.21	0.219	10.750	450	26.30	HAA	1/1/1965	148	3	DFM	T	I5	E13	E06	158	25.06	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/30/2013		
0405-01	115	205119684	8.21	8.25	0.219	10.750	450	26.30	HAA	1/1/1964	217	3	DFM	T	I5	E13	E06	158	24.73	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/30/2013		
0405-01	115.4	205119687	8.80	8.90	0.188	10.750	450	30.63	HAA	1/1/1964	544	3	DFM	T	I5	E13	E06	158	29.84	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/30/2013		
0405-01	116	205119688	8.90	8.96	-0.188	10.750	450	-36.76		1/1/1964	307	3	DFM	T	I5	E13	E06	158	28.87	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/30/2013		
0405-01	116.4	205119692	9.04	9.20	0.219	10.750	450	26.30		1/1/1964	835	3	DFM	T	I5	E13	E06	158	22.67	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/30/2013		
0405-01	116.8	205119695	11.09	11.20	-0.188	10.750	450	-36.76		1/1/1964	590	3	DFM	T	I5	E12	E06	158	28.87	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/30/2011		
0405-01	117	205119696	11.20	11.33	0.188	10.750	450	30.63	HAA	1/1/1966	692	3	DFM	T	I5	E12	E06	158	21.47	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/30/2011		
0405-01	117.25	205163928	11.65	11.79	-0.188	10.750	450	-36.76		1/1/1966	722	3	DFM	T	I6	E12		158	34.30	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/17/2012		
0405-01	119.6	205161257	14.83	14.97	-0.188	10.750	450	-36.76		1/1/1971	721	2	DFM	T	I6	E17		158	27.53	Yes	No	No	Yes	No	Yes	Yes	No	Yes	8/15/2017		
0405-01	120.1	205119708	15.02	15.28	0.188	10.750	450	30.63		1/1/1973	1390	3	DFM	T	I5	E17	E10	158	20.60	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/15/2017		
0405-01	121.2	205119712	16.79	17.23	0.188	10.750	450	30.63																							

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN	
0407-01	110	205092142	3.84	4.00	-0.141	6.625	150	-14.68		1/1/1930	863	3	DFM	TP	I5	E13	E06	56	32.35	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes			
0407-01	111	205092143	4.00	4.19	-0.156	6.625	150	-9.10		1/1/1963	993	3	DFM	TP	I5	E13	E06	56	30.13	Yes	No	No	Yes	No	Yes	Yes	No	Yes			
0407-01	112	205119752	4.19	4.28	-0.172	6.625	150	-10.75		1/1/1965	480	3	DFM	TP	I5	E13	E06	73	29.62	Yes	No	No	Yes	No	Yes	Yes	No	Yes			
0407-04	100.3	205078069	0.00	0.03	-0.156	6.625	450	-27.30		1/1/1981	135	3	DFM	T	I5	E13	E06	97	26.97	Yes	No	No	Yes	No	Yes	Yes	No	Yes			
050A	113.5	205122483	2.72	2.84	0.219	8.625	250	20.51	HAA	1/1/1928	619	3	LT	T	I5	E14	E07	95	24.45	Yes	No	No	Yes	Yes	Yes	No	No	Yes			
050A	116	205153388	2.84	3.09	0.219	8.625	250	14.07	HAA	1/1/1926	1340	3	LT	T	I5	E14	E07	95	24.32	Yes	No	No	Yes	Yes	Yes	No	No	Yes			
050A	122.9	205122487	5.15	5.16	0.219	8.625	250	14.07	HAA	1/1/1926	57	3	LT	T	I5	E14	E07	95	25.35	Yes	No	No	Yes	Yes	Yes	No	No	Yes			
050A	123	205086708	5.16	5.28	0.219	8.625	250	14.07	HAA	1/1/1926	646	3	LT	T	I5	E14	E07	95	25.35	Yes	No	No	Yes	Yes	Yes	No	No	Yes			
050A	124	205122488	5.28	5.34	0.219	8.625	250	14.07	HAA	1/1/1926	314	1	LT	T	I5	E15	E08	95	19.81	Yes	No	No	Yes	Yes	Yes	No	No	Yes			
050A	125.7	205163525	7.50	7.59	0.219	8.625	250	14.07	HAA	1/1/1926	470	3	LT	T	I3	E14		95	29.58	Yes	No	No	Yes	Yes	Yes	No	No	Yes			
050A	126	205163526	7.59	7.62	0.172	8.625	250	14.92	TAPE	1/1/1980	150	3	LT	T	I3	E14		95	25.26	Yes	No	No	No	No	Yes	Yes	No	No	Yes		
050A	131.1	205143087	10.91	10.95	0.172	8.625	250	14.92	TAPE	1/1/1980	224	3	LT	T	I5	E15		95	22.42	Yes	No	No	No	No	Yes	Yes	No	No	Yes		
050A	131.2	205134499	10.95	11.01	0.172	8.625	250	14.92	TAPE	1/1/1980	328	3	LT	T	I5	E15	E08	95	17.16	Yes	No	No	No	No	Yes	Yes	No	No	Yes		
050A	131.4	205134500	11.01	11.03	0.172	8.625	250	14.92	TAPE	1/1/1980	166	3	LT	T	I5	E15	E08	95	17.16	Yes	No	No	No	No	Yes	Yes	No	No	Yes		
050A	132.1	205122493	11.11	11.22	0.219	8.625	250	14.07	HAA	1/1/1926	623	3	LT	T	I5	E15	E08	95	24.11	Yes	No	No	Yes	Yes	Yes	No	No	Yes			
050A	132.2	205087417	11.22	11.23	0.250	8.625	-250	-10.27		1/1/1996	16	3	LT	T	I5	E15	E08	95	10.96	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes		
050A	132.3	205134920	11.23	11.40	0.219	8.625	250	14.07	HAA	1/1/1926	922	3	LT	T	I5	E15	E08	95	24.11	Yes	No	No	Yes	Yes	Yes	No	No	Yes			
050A	132.4	205134921	11.40	11.40	0.219	8.625	250	14.07	HAA	1/1/1926	16	3	LT	T	I5	E15	E08	95	23.05	Yes	No	No	Yes	Yes	Yes	No	No	Yes			
050A	132.6	205087301	11.40	11.43	0.188	8.625	250	13.65	HAA	1/1/1967	150	3	LT	T	I5	E15	E08	95	17.27	Yes	No	No	No	No	Yes	Yes	No	No	Yes		
050A	132.9	205087302	11.43	11.44	0.219	8.625	250	14.07	HAA	1/1/1943	63	3	LT	T	I5	E15	E08	95	22.11	Yes	No	No	Yes	Yes	Yes	No	No	Yes			
050A	133.2	205087355	11.49	11.49	0.188	8.625	-250	-16.38	HAA	1/1/1971	8	3	LT	T	I5	E15	E08	95	20.84	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes		
050A	133.3	205134517	11.49	11.65	0.219	8.625	250	14.07	HAA	1/1/1926	856	3	LT	T	I5	E15	E08	95	24.11	Yes	No	No	Yes	Yes	Yes	No	No	Yes			
050A	134.1	205122497	11.78	11.79	0.219	8.625	250	14.07	HAA	1/1/1926	56	3	LT	T	I5	E15	E08	95	24.11	Yes	No	No	Yes	Yes	Yes	No	No	Yes			
050A	134.2	205134512	11.79	11.79	0.250	8.625	250	12.32	HAA	1/1/1947	12	3	LT	T	I5	E15	E08	95	17.80	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes		
050A	134.3	205134513	11.79	11.79	0.250	8.625	250	12.32	HAA	1/1/1947	11	3	LT	T	I5	E15	E08	95	17.80	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes		
050A	135	205087304	11.79	11.90	0.219	8.625	250	14.07	HAA	1/1/1926	604	3	LT	T	I5	E15	E08	95	24.11	Yes	No	No	Yes	Yes	Yes	No	No	Yes			
050A	136	205087305	11.90	12.00	0.172	8.625	250	14.92	TAPE	1/1/1987	438	3	LT	T	I5	E12		95	24.85	Yes	No	No	No	No	Yes	Yes	No	No	Yes		
050A	137.5	205122499	12.11	12.19	0.172	8.625	250	14.92	TAPE	1/1/1987	387	3	LT	T	I5	E15	E08	95	19.59	Yes	No	No	No	No	Yes	Yes	No	No	Yes		
050A	138	205122500	12.19	12.24	0.172	8.625	250	14.92	TAPE	1/1/1987	268	3	LT	T	I5	E15	E08	95	19.59	Yes	No	No	No	No	Yes	Yes	No	No	Yes		
050A	141.2	205144002	14.89	15.01	0.172	8.625	250	14.92	TAPE	1/1/1987	623	2	LT	T	I5	E14		95	22.14	Yes	No	No	No	No	Yes	Yes	No	No	Yes		
050A	144.7	205117314	17.08	17.35	0.219	8.625	250	14.07	HAA	1/1/1926	1411	3	LT	T	I1	E14	E07	95	24.93	Yes	No	No	Yes	Yes	Yes	No	No	Yes			
050A	145.35	205144005	17.70	17.71	0.219	8.625	250	14.07	HAA	1/1/1926	79	3	LT	T	I5	E14		95	29.45	Yes	No	No	Yes	Yes	Yes	No	No	Yes			
050A	145.4	205117319	17.71	18.19	0.219	8.625	250	14.07	HAA	1/1/1926	2518	3	LT	T	I1	E14	E07	95	24.93	Yes	No	No	Yes	Yes	Yes	No	No	Yes			
050A	145.5	205075279	18.19	18.20	0.219	8.625	250	11.72	TAPE	1/1/1999	65	3	LT	T	I5	E14	E07	95	15.27	Yes	No	No	No	No	Yes	Yes	No	No	Yes		
050A	146	205075277	18.20	18.30	0.219	8.625	250	14.07	HAA	1/1/1926	1672	3	LT	T	I5	E14	E07	95	24.08	Yes	No	No	Yes	Yes	Yes	No	No	Yes			
050A	146.3	205075264	18.30	18.30	0.219	8.625	250	14.07	HAA	1/1/1939	19	3	LT	T	I5	E14	E07	95	27.40	Yes	No	No	Yes	Yes	Yes	No	No	Yes			
050A	146.6	205075265	18.30	18.31	0.219	8.625	250	14.07	HAA	1/1/1926	16	3	LT	T	I5	E14	E07	95	28.35	Yes	No	No	Yes	Yes	Yes	No	No	Yes			
050A	146.9	205075266	18.31	18.31	0.219	8.625	250	14.07	HAA	1/1/1939	19	3	LT	T	I5	E14	E07	95	25.98	Yes	No	No	Yes	Yes	Yes	No	No	Yes			
050A	147.2	205075267	18.31	18.41	0.219	8.625	250	14.07	HAA	1/1/1926	462	3	LT	T	I5	E14	E07	95	26.93	Yes	No	No	Yes	Yes	Yes	No	No	Yes			
050A	148	205075268	18.41	18.60	0.172	8.625	250	14.92	TAPE	1/1/1986	823	3	LT	T	I5	E15	E08	95	20.85	Yes	No	No	No	No	Yes	Yes	No	No	Yes		
050A	148.3	205075269	18.60	18.62	0.172	8.625	250	14.92	TAPE	1/1/1987	127	3	LT	T	I5	E15	E08	95	20.64	Yes	No	No	No	No	Yes	Yes	No	No	Yes		
050A	172	205076673	32.59	32.90	0.188	8.625	400	20.14	HAA	1/1/1952	1665	3	LT	T	I5	E15	E08	92	21.91	Yes	No	No	No	No	Yes	Yes	No	No	Yes		
050A	187.3	205117327	37.94	37.98	0.172	8.625	400	23.88	TAPE	1/1/1974	207	3	LT	T	I5	E15	E08	120	18.07	Yes	No	No	No	No	Yes	Yes	No	No	Yes		
050A	188	205076617	37.98	38.25	0.172	8.625	400	23.88	TAPE	1/1/1986	1365	3	LT	T	I5	E15	E08	120	17.24	Yes	No	No	No	No	Yes	Yes	No	No	Yes		
050A	188.3	205076618	38.25	38.33	0.172	8.625	400	23.88	TAPE	1/1/1975	393	3	LT	T	I5	E15	E08	120	18.07	Yes	No	No	No	No	Yes	Yes	No	No	Yes		
050A	189	205117328	38.33	38.34	0.172	8.625	400	23.88	TAPE	1/1/1986	161	3	LT	T	I5	E15	E08	120	17.24	Yes	No	No	No	No	Yes	Yes	No	No	Yes		
050A	189.1	205117329	38.34	38.37	0.172	8.625	400	23.88	TAPE	1/1/1986	439	3	LT	T	I9	E15		120	22.58	Yes	No	No	No	No	Yes	Yes	No	No	Yes		
050A	189.3	205076620	38.37	38.42	0.172	8.625	400	23.88	TAPE	1/1/1986	269	2	LT	T	I9	E15		120	22.34	Yes	No	No	No	No	Yes	Yes	No	No	Yes		
050A	189.6	205162021	38.42	38.44	0.172	8.625	400	23.88	TAPE	1/1/1978	110	2	LT	T	I9	E15		120	20.28	Yes	No	No	No	No	Yes	Yes	No	No	Yes		
050A	201.3	205117331	44.53	44.87	0.219	10.750	400	18.88	TAPE	1/1/1987	1816	3	LT	T	I5	E15	E08	149	16.80	Yes	No	No	No	No	Yes	Yes	No	No	Yes		
050A	202	205076973	44.87	45.04	0.250	10.750	400	20.48																							

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EO THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EO PLAN	IC PLAN	SCC PLAN		
050A-1	104.9	205090758	0.95	0.96	0.250	8.625	400	16.43	TAPE	1/1/1992	30	3	LT	T	I5	E15	E08	120	15.42	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/23/2015		
050A-1	106	205114372	0.96	1.53	0.188	8.625	400	21.85	TAPE	1/1/1992	3063	3	LT	T	B5	E15	E08	120	20.03	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/23/2015		
050A-1	106.1	205114377	1.53	1.54	0.322	8.625	400	15.31	TAPE	10/24/2003	4	3	LT	T	I5	E15	E08	120	11.11	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/23/2015		
050A-1	106.2	205114380	1.54	1.54	0.250	8.625	400	16.43	TAPE	10/24/2003	1	3	LT	T	I5	E15	E08	120	11.11	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/23/2015		
050A-1	106.3	205114384	1.54	1.56	0.188	8.625	400	21.85	FBE	10/24/2003	164	3	LT	T	I5	E15	E08	120	15.71	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/23/2015		
050A-1	106.4	205114385	1.56	1.56	0.250	8.625	400	16.43	TAPE	10/24/2003	1	3	LT	T	I5	E15	E08	120	11.11	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/23/2015		
050A-1	106.5	205114383	1.56	1.56	0.322	8.625	400	15.31	TAPE	10/24/2003	4	3	LT	T	I5	E15	E08	120	11.11	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/23/2015		
050A-1	106.9	205114387	1.56	1.60	0.219	8.625	400	18.75	HAA	1/1/1961	120	3	LT	T	I5	E14	E07	120	25.60	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	3/15/2014		
050A-1	108	205118000	1.60	1.61	0.219	8.625	400	26.26	HAA	1/1/1940	109	3	LT	T	I5	E14	E07	120	21.15	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	3/15/2014		
057A	103.5	205148848	8.98	9.04	0.250	18.000	722	49.98	SOMA	1/1/1949	320	1	UGS	T	I6	E12		335	16.87	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
057A	104	205093118	9.04	9.11	0.375	14.000	722	38.51	SOMA	1/1/1949	307	3	UGS	T	I6	E12		261	18.76	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
057A	104.2	205093119	9.11	9.11	0.375	14.000	722	-38.51	TAPE	1/1/1974	2	3	UGS	T	I6	E12		261	19.11	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
057A	104.4	205093120	9.11	9.11	0.312	18.000	722	-34.71	TAPE	1/1/1974	10	3	UGS	T	I6	E12		335	19.80	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
057A	105	205093117	9.11	9.37	0.250	18.000	722	49.98	SOMA	1/1/1949	1408	3	UGS	T	I6	E12		335	19.77	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
057A	105.2	205162483	9.37	9.40	0.250	18.000	722	49.98	SOMA	1/1/1949	178	3	UGS	T	I5	E12		335	23.35	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
057A	106.1	205129627	9.79	10.19	0.250	18.000	722	49.98	SOMA	1/1/1949	2089	3	UGS	T	A5	I11		334	23.35	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
057A	108.2	205164148	13.27	13.36	0.250	18.000	722	49.98	SOMA	1/1/1949	268	1	UGS	T	I5	I11		335	20.49	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
057A	108.5	205116384	13.36	13.43	0.250	18.000	722	49.98	SOMA	1/1/1949	214	1	UGS	T	I5	I11	E06	334	15.45	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
057A	109	205093209	13.43	13.67	0.250	18.000	722	49.98	SOMA	1/1/1949	1176	3	UGS	T	I5	I11	E06	334	28.81	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
057A	110.1	205093203	13.67	13.79	0.250	18.000	722	49.98	SOMA	1/1/1949	640	3	UGS	T	I5	I11	E06	334	29.69	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
057A	110.3	205093204	13.79	13.79	0.375	18.000	722	33.32	TAPE	1/1/1998	7	3	UGS	T	I5	I11	E06	334	13.58	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
057A	110.5	205093208	13.79	13.89	0.250	18.000	722	49.98	SOMA	1/1/1949	640	3	UGS	T	I5	I11	E06	334	18.40	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
057A	111.15	205116387	14.85	15.13	0.250	18.000	722	49.98	SOMA	1/1/1949	1866	3	UGS	T	I5	I11	E06	334	19.29	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
057A	111.25	205116390	15.37	15.80	0.250	18.000	722	49.98	SOMA	1/1/1949	2791	3	UGS	T	B5	I11	E06	334	24.36	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
057A	111.3	205093926	15.80	15.80	0.375	18.000	722	33.32	TAPE	1/1/1998	9	3	UGS	T	B5	I11	E06	334	15.99	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
057A	111.5	205116391	15.80	16.44	0.250	18.000	722	49.98	SOMA	1/1/1949	3225	3	UGS	T	B5	I11	E06	334	21.69	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
057A	111.6	205118326	16.44	16.52	0.250	18.000	722	49.98	SOMA	1/1/1949	392	3	UGS	T	A5	I11	E06	334	20.80	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
057A-M15	101	205139613	0.00	0.17	0.432	6.625	2160	47.32	TAPE	1/1/1985	915	1	UGS	T	I6	E12		213	20.23	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
057A-M15	102	205120568	0.28	0.40	0.432	6.625	2160	47.32	TAPE	1/1/1985	617	1	UGS	T	I5	E14	E07	213	14.64	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/30/2014		
057A-MC	101.2	205120566	0.21	0.42	0.680	16.000	2160	48.87	TAPE	1/1/1972	1236	1	UGS	T	I5	E14	E07	514	12.29	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/30/2014		
057A-MC	101.3	205073060	0.42	0.42	0.844	16.000	2160	48.75	TAPE	1/1/2000	31	1	UGS	T	I5	E14	E07	514	15.04	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/30/2014		
057A-MD1	100	205073053	0.00	0.02	0.843	12.750	2160	46.67	HAA	1/1/1961	80	1	UGS	T	I5	E14	E07	409	11.43	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/30/2014		
057A-MD1	101	205120569	0.02	0.21	0.500	12.750	2160	59.87	HAA	1/1/1961	1002	1	UGS	T	I5	E12	E07	410	16.00	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/30/2012		
057A-MD1	101.5	205120570	0.21	0.25	0.500	12.750	2160	59.87	HAA	1/1/1961	228	1	UGS	T	I6	E12		409	23.33	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
057A-MD1	102.3	205073069	0.25	0.42	0.500	10.750	2160	55.29	HAA	1/1/1961	934	1	UGS	T	I6	E12		345	26.65	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
057A-MD1	102.5	205073071	0.42	0.43	0.500	10.750	2160	44.65	TAPE	11/15/1999	6	1	UGS	T	I6	E12		345	19.65	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
057A-MD1	102.7	205139615	0.43	0.44	0.500	10.750	2160	55.29	HAA	1/1/1961	60	1	UGS	T	I6	E12		345	24.24	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
057A-MD1	103.1	205120572	0.66	0.91	0.500	10.750	2160	55.29	HAA	1/1/1961	1317	3	UGS	T	I5	E12	E07	346	32.98	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/30/2012		
057A-MD1	103.2	205073126	0.91	0.91	0.594	10.750	2160	46.54	PAINT	1/1/1996	12	3	UGS	T	I5	E14	E07	345	20.30	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/30/2014		
057A-MD1	103.4	205073125	0.91	0.93	0.500	10.750	2160	55.29	HAA	1/1/1961	103	3	UGS	T	I5	E12	E07	346	30.36	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/30/2012		
057A-MD1	103.6	205073129	0.93	0.93	0.594	10.750	2160	46.54	CONC	1/1/1996	11	3	UGS	T	I5	E14	E07	345	23.51	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/30/2014		
057A-MD1	103.8	205073128	0.93	0.97	0.500	10.750	2160	55.29	HAA	1/1/1961	204	3	UGS	T	I5	E12	E07	346	30.36	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/30/2012		
057A-MD1	104	205120573	0.97	1.03	0.593	8.625	2160	44.88	HAA	1/1/1961	295	1	UGS	T	I5	E14	E07	278	20.18	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/30/2014		
057A-MD2	100.3	205073065	0.00	0.01	0.843	12.750	2160	46.67	HAA	1/1/1960	69	1	UGS	T	I5	E14	E07	409	11.12	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/30/2014		
057A-MD2	101	205120575	0.01	0.15	0.500	12.750	2160	59.87	HAA	1/1/1960	736	1	UGS	T	I5	E12	E07	410	15.69	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/30/2012		
057A-MD3	102	205120578	0.03	0.29	0.594	10.750	2160	46.54	TAPE	1/1/1974	1407	1	UGS	T	I5	E14	E07	345	15.63	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/30/2014		
057A-MT	101.1	205120580																														

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	FC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EQ PLAN	IC PLAN	SCC PLAN
057B	113.8	205158640	10.32	10.32	0.792	22.000	2160	50.00		1/1/1992	6	3	UGS	T	A6	E13		707	29.95	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/2/2013
057B	114	205158639	10.32	10.36	0.660	22.000	2160	60.00	TAPE	1/1/1974	207	3	UGS	T	A5	E13	E08	707	19.18	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/2/2013
057B	114.1	205129388	10.36	10.44	0.660	22.000	2160	60.00	TAPE	1/1/1974	409	1	UGS	T	A5	E13	E08	707	11.85	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/2/2013
057B	116.2	205164150	13.24	13.30	0.660	22.000	2160	60.00	TAPE	1/1/1974	346	3	UGS	T	I5	E13	I01	707	26.56	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/1/2017
057B	116.5	205116398	13.30	13.44	0.660	22.000	2160	60.00	TAPE	1/1/1974	721	3	UGS	T	I5	E13	E08	707	24.82	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/2/2013
057B	117	205093074	13.44	13.67	0.660	22.000	2160	60.00	TAPE	1/1/1974	1208	3	UGS	T	I5	E13	E08	707	31.50	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/2/2013
057B	118	205093071	13.67	13.86	0.792	22.000	2160	50.00	TAPE	1/1/1974	1111	3	UGS	T	B5	E13	E08	707	32.89	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/2/2013
057B	119	205093938	13.86	16.63	0.660	22.000	2160	60.00	TAPE	1/1/1974	14392	3	UGS	T	B5	E13	E08	707	35.68	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/2/2013
057B	119.3	205159075	16.63	16.68	0.792	22.000	2160	50.00	TAPE	1/1/1974	256	3	UGS	T	A5	E13	E08	707	26.21	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/2/2013
057B	119.6	205159076	16.68	16.68	0.792	22.000	2160	50.00	TAPE	1/1/1974	20	3	UGS	T	A5	E13	E08	707	26.21	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/2/2013
057C	110	205142899	0.00	0.00	0.750	24.000	2160	49.37	Protal 7200	5/1/2008	10	1	UGS	TL	I6	I15		771	11.31	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/23/2015
057C	111	205142900	0.00	0.01	0.750	24.000	2160	49.37	Protal 7200	5/1/2008	30	1	UGS	TL	I6	I15		771	13.23	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/23/2015
057C	112	205140549	0.01	0.01	0.750	24.000	2160	49.37	FBE	5/1/2008	22	-3	UGS	TL	I6	I15		771	18.25	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/23/2015
057C	116	205140546	0.01	0.03	0.750	24.000	2160	49.37	FBE	5/1/2008	135	3	UGS	TL	I6	I15		771	15.10	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/23/2015
057C	120	205146224	0.03	0.26	0.750	24.000	2160	49.37	FBE	5/1/2008	1190	3	UGS	TL	I6	I15		771	15.10	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/23/2015
0600-01	102.5	205120009	0.00	0.09	0.156	3.500	792	25.38	HAA	1/1/1989	455	1	DFM	T	I1	E15	E10	69	7.94	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/18/2015
0603-01	101	205131158	0.00	0.00	0.259	6.625	650	33.27	HAA	1/1/1937	25	3	DFM	T	B1	E11		117	27.42	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/31/2011	
0603-01	101.1	205131160	0.00	0.01	-0.141	4.500	650	-43.22			6	3	DFM	T	B1	E11		80	37.53	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/31/2011	
0603-01	101.2	205131161	0.01	0.20	0.259	10.750	650	38.54	HAA	1/1/1937	1031	3	DFM	T	B1	E11		190	30.55	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/31/2011	
0603-01	101.3	205094408	0.20	0.24	0.250	10.750	650	33.27	XTRUPL	1/1/1980	190	3	DFM	T	B1	E11		190	22.05	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
0603-01	103	205094409	0.24	0.37	0.259	10.750	650	38.54	HAA	1/1/1937	669	3	DFM	T	A1	E11		190	30.55	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/31/2011	
0603-01	103.2	205094412	0.37	0.37	0.365	10.750	650	27.35	FBE	4/26/1999	26	3	DFM	T	A1	E11		190	16.01	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
0603-01	103.4	205094410	0.37	0.48	0.259	10.750	650	33.27	HAA	1/1/1937	610	3	DFM	T	A1	E11		190	30.78	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/31/2011	
0604-01	104	205120007	2.69	3.38	0.172	8.625	400	23.88		1/1/1981	3616	3	DFM	T	I1	E14	E07	120	19.61	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/3/2014
0604-01	105	205128943	3.38	3.59	0.172	8.625	400	23.88		1/1/1981	1146	3	DFM	T	I8	E13		120	24.14	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/1/2013
0604-01	105.96	205128877	3.73	3.74	0.172	8.625	400	23.88		1/1/1981	75	3	DFM	T	I8	E14	E07	120	18.81	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/3/2014
0604-01	106	205128274	3.74	3.92	0.172	8.625	400	23.88		1/1/1981	922	3	DFM	T	I1	E14	E07	120	18.81	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/3/2014
0604-01	106.1	205128276	3.92	3.93	0.172	8.625	400	23.88		1/1/1981	54	3	DFM	T	I1	E14	E07	120	18.60	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/3/2014
0604-01	107	205128277	3.93	3.95	0.156	6.625	400	24.27		1/1/1964	130	3	DFM	T	I1	E14	E07	92	25.58	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	5/3/2014
0604-01	108.97	205128879	4.38	4.40	0.156	6.625	400	24.27		1/1/1964	83	3	DFM	T	I8	E13	E07	92	25.58	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	5/3/2014
0604-01	109	205119998	4.40	4.46	0.156	6.625	400	24.27		1/1/1964	307	3	DFM	T	I1	E14	E07	92	25.58	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	5/3/2014
0604-01	110	205129162	4.46	4.71	0.156	6.625	400	24.27		1/1/1964	1337	3	DFM	T	I8	E13		92	30.84	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	3/1/2013
0604-01	110.1	205128283	4.71	4.71	0.188	6.625	400	16.78	TAPE	10/6/2005	3	3	DFM	TP	I8	E13		92	17.97	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/1/2013
0604-01	110.3	205128285	4.71	4.71	0.280	6.625	400	13.52	TAPE	10/6/2005	1	3	DFM	TP	I8	E13		92	13.67	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/1/2013
0604-01	110.7	205128726	4.71	4.71	0.250	6.625	400	16.43	TAPE	10/6/2005	1	3	DFM	TP	I8	E13		120	18.19	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/1/2013
0604-01	112	205128732	4.71	5.14	0.188	6.625	400	17.65	FBE	10/6/2005	2313	3	DFM	TP	I8	E13		120	20.87	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/1/2013
0604-01	113.1	205128725	5.14	5.14	0.250	6.625	400	16.43	TAPE	10/6/2005	1	3	DFM	TP	I8	E13		120	18.19	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/1/2013
0604-01	113.3	205128723	5.14	5.14	0.280	6.625	400	13.52	TAPE	10/6/2005	1	3	DFM	TP	I8	E13		92	17.93	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/1/2013
0604-01	113.7	205128721	5.14	5.14	0.188	6.625	400	16.78	TAPE	10/6/2005	3	3	DFM	TP	I8	E13		92	22.23	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/1/2013
0604-01	114	205129146	5.14	5.19	0.156	6.625	400	20.22		1/1/1979	287	3	DFM	T	I1	E14	E07	92	22.59	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/3/2014
0604-03	102	205128741	0.29	0.38	0.188	6.625	400	20.14		1/1/1966	516	3	DFM	T	I1	E14	E07	92	23.90	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/3/2014
0604-03	104	205094527	0.41	0.57	0.188	6.625	400	20.14		1/1/1966	844	3	DFM	T	I1	E14	E07	92	27.32	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/3/2014
0604-03	104.3	205094526	0.57	0.58	0.188	6.625	400	16.78		1/1/1991	20	3	DFM	TP	I1	E14	E07	92	24.56	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/3/2014
0604-03	104.6	205094529	0.58	0.60	0.188	6.625	400	20.14		1/1/1966	150	3	DFM	T	I1	E14	E07	92	26.79	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/3/2014
0604-04	46	205125406	1.61	1.84	0.156	6.625	400	20.22		1/1/1975	1219	3	DFM	T	I1	E14	E07	92	18.33	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/3/2014
0604-04	47	205119988	1.84	1.97	0.188	6.625	400	20.14		1/1/1972	672	3	DFM	T	I1	E14	E07	92	21.90	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/3/2014
0604-04	50.5	205164337	2.47	2.52	0.156	6.625	400	20.22		1/1/1975	274	3	DFM	T	A3	E14		92	27.32	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/15/2017
0604-04	51	205162492	2.52	2.57	0.156	6.625	400	20.22		1/1/1975	230	3	DFM	T	A3	E14		92	27.32	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/15/2017
0604-04	51.5	205162493	2.57	2.59	0.156	6.625	400	20.22		1/1/1975	140																			



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EQ PLAN	IC PLAN	SCC PLAN		
0604-07	143	205119982	3.31	3.40	0.188	6.625	400	16.78		1/1/1953	449	3	DFM	TP	I1	E11		92	29.60	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011			
0604-07	200	205153582	6.36	6.41	0.156	6.625	400	20.22		1/1/1975	245	3	DFM	TP	I9	E14		92	23.59	Yes	No	No	No	No	Yes	Yes	No	Yes	9/17/2016			
0604-16	18.1	205129513	0.00	0.00	0.280	6.625	650	21.97		1/1/1938	8	3	DFM	T	I1	E12		118	27.63	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/17/2012			
0604-16	16.2	205129515	0.00	0.00	0.280	6.625	650	21.97		1/1/1938	2	3	DFM	T	I1	E12		118	30.50	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/17/2012			
0604-16	16.3	205129516	0.00	0.11	0.259	10.750	650	38.54		1/1/1938	580	3	DFM	T	I1	E12		190	30.55	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/17/2012			
0607-01	104.5	205121017	1.75	1.83	0.188	8.625	412	22.50	TAPE	1/1/1990	406	3	DFM	TI	I1	E16	E09	122	13.78	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0607-01	105	205121018	1.83	1.97	0.188	8.625	412	22.50	TAPE	1/1/1991	772	3	DFM	TI	I1	E16	E09	122	13.78	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0607-01	105.5	205163570	1.97	1.98	0.188	8.625	412	22.50		1/1/1991	36	3	DFM	TI	I9	E16	E09	122	13.78	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/28/2017		
0607-01	106.5	205121021	2.10	2.33	0.188	8.625	412	22.50	TAPE	1/1/1998	1215	3	DFM	TI	I1	E16	E09	122	11.62	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
0607-01	107	205124072	2.33	2.50	0.188	8.625	412	22.50	TAPE	1/1/1998	883	3	DFM	TI	I5	E16	E09	122	11.62	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
0607-01	107.5	205124073	2.50	2.61	0.188	8.625	412	22.50	TAPE	1/1/1998	602	3	DFM	TI	I1	E16	E09	122	11.62	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
0607-01	108	205084599	2.61	2.84	0.188	8.625	412	22.50	TAPE	1/1/1998	1184	3	DFM	TI	I1	E16	E09	122	11.62	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
0607-01	109	205127782	2.84	3.06	0.188	8.625	-412	-22.50	TAPE	1/1/1991	1176	3	DFM	TI	I1	E16	E09	122	13.78	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0607-01	110	205147196	3.06	3.06	0.188	8.625	-412	-22.50	TAPE	1/1/1989	6	3	DFM	TI	I1	E16	E09	122	13.89	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0607-01	110.5	205147197	3.06	3.10	0.188	8.625	-412	-22.50	TAPE	1/1/1989	204	3	DFM	TI	I1	E16	E09	122	13.89	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0607-01	111	205084602	3.10	3.21	0.188	8.625	412	22.50	TAPE	1/1/1998	593	3	DFM	TI	I1	E16	E09	122	13.78	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
0607-01	112	205084610	3.21	3.27	0.188	8.625	412	22.50	TAPE	1/1/1998	300	3	DFM	TI	I1	E16	E09	122	13.78	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
0607-01	112.5	205124074	3.27	3.43	0.188	8.625	-412	-22.50	TAPE	1/1/1995	847	3	DFM	TI	B1	E16	E09	122	13.78	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0607-01	113.6	205131228	3.55	3.83	0.188	8.625	-412	-22.50	TAPE	6/28/1992	1315	3	DFM	TI	I5	E16	E09	122	13.78	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0607-01	114	205084604	3.83	3.90	0.188	8.625	412	22.50	TAPE	1/1/1998	385	3	DFM	TI	I9	E16	E09	122	13.78	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
0607-01	115	205084605	3.90	3.94	0.188	8.625	412	22.50	TAPE	1/1/1998	223	3	DFM	TI	I9	E16	E09	122	11.62	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
0607-01	116	205124076	3.94	4.11	0.188	8.625	412	22.50	TAPE	1/1/1998	912	3	DFM	TI	I1	E16	E09	122	11.62	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
0607-01	116.2	205130132	4.11	4.19	0.188	8.625	412	22.50	TAPE	1/1/1998	420	3	DFM	TI	I5	E16	E09	122	11.62	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
0607-01	116.5	205130133	4.19	4.27	0.188	8.625	412	22.50	TAPE	1/1/1998	425	3	DFM	TI	I9	E16	E09	122	15.94	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
0607-01	117	205084611	4.27	4.31	0.188	8.625	412	22.50	TAPE	1/1/1998	206	3	DFM	TI	I9	E16	E09	122	15.94	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
0607-01	118	205084612	4.31	4.56	0.188	8.625	412	22.50	TAPE	1/1/1998	1289	3	DFM	TI	I1	E16	E09	122	18.10	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
0607-01	119	205084607	4.56	4.71	0.188	8.625	-412	-22.50	TAPE	1/1/1991	779	3	DFM	TI	I1	E16	E09	122	18.10	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0607-01	119.5	205121562	4.71	4.99	0.188	8.625	-412	-22.50	TAPE	1/1/1998	1479	3	DFM	TI	I1	E16	E09	122	18.10	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0607-01	120	205131229	4.99	5.08	0.188	-8.625	-412	-22.50	TAPE	8/15/1989	477	3	DFM	TI	I5	E16	E09	122	22.38	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0607-01	121	205136182	5.24	5.26	0.188	8.625	-412	-22.50	TAPE	1/1/1998	95	3	DFM	TI	I5	E16		122	13.15	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/16/2016		
0607-01	121.2	205136184	5.26	5.34	0.188	8.625	-412	-22.50	TAPE	1/1/1998	409	3	DFM	TI	I9	E16	E09	122	11.62	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
0607-01	121.3	205145786	5.34	5.41	0.188	8.625	-412	-22.50	TAPE	1/1/1998	380	3	DFM	TI	I6	E16		122	13.25	Yes	No	No	No	No	Yes	Yes	No	No	Yes	11/26/2015		
0607-01	122	205121566	5.54	5.69	0.188	8.625	-412	-22.50	TAPE	1/1/1989	805	3	DFM	TI	I1	E16	E09	122	13.78	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0607-01	123.5	205153382	5.76	5.98	0.188	8.625	-412	-22.50	TAPE	1/1/1998	1204	3	DFM	TI	I5	E12		122	13.15	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
0607-01	125	205084618	6.09	6.14	0.188	8.625	-412	-22.50	TAPE	1/1/1998	253	3	DFM	TI	I1	E16	E09	122	11.62	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
0607-01	126	205133585	6.14	6.22	0.188	8.625	-412	-22.50	TAPE	1/1/1989	418	3	DFM	TI	I1	E16	E09	122	13.78	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0607-02	101	205127783	0.00	0.00	0.172	8.625	-412	-24.60	TAPE	1/1/1991	4	3	DFM	TI	I1	E16	E09	122	13.78	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0607-02	102	205127795	0.00	0.00	0.172	8.625	-412	-24.60		1/1/1986	18	3	DFM	TI	I5	E16	E09	122	13.78	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
0607-02	103	205127797	0.00	0.01	-0.172	8.625	-412	-24.60		1/1/1998	22	3	DFM	TI	I5	E16	E09	122	17.62	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
0607-02	104	205130120	0.01	0.51	0.172	8.625	-412	-24.60	TAPE	1/1/1986	2641	3	DFM	TI	I5	E16	E09	122	13.78	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
0608-01	143.2	205136187	0.64	0.80	0.219	10.750	412	24.08	HAA	1/1/1963	855	3	DFM	T	I9	E12		152	26.83	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
0608-01	143.5	205123676	0.80	1.35	0.219	10.750	412	24.08	HAA	1/1/1963	2860	3	DFM	T	B1	E16	E09	152	17.14	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0608-01	144	205084646	1.35	1.51	0.188	8.625	412	22.50	HAA	1/1/1963	866	3	DFM	T	A1	E16	E09	122	16.88	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0608-01	145	205084647	1.51	1.54	0.188	8.625	412	22.50	HAA	1/1/1970	139	3	DFM	T	B1	E16	E09	122	13.78	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
0608-01	145.5	205123677	1.54	1.61	0.188	8.625	412	22.50	HAA	1/1/1963	415	3	DFM	T	I1	E16	E09	122	16.88	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0608-01	146.5	205123680	1.74	2.01	0.188	8.625	412	22.50	HAA	1/1/1963	1400	3	DFM	T	I1	E16	E09	122	16.88	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0608-01	147	205084649	2.01	2.04	0.172	8.625	412	24.60	XTRUPL	1/1/1978	170	3	DFM	T																		



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN		
0609-02	101.3	205084664	0.62	0.62	0.156	6.625	412	25.00	TAPE	1/1/1990	37	3	DFM	T	I6	E14		94	29.87	Yes	No	No	No	No	Yes	No	No	Yes	6/24/2016			
0609-02	103	205149444	0.62	0.65	0.156	6.625	412	25.00	TAPE	1/1/1962	142	3	DFM	T	I6	E14		94	32.07	Yes	No	No	No	No	Yes	No	No	Yes	6/24/2016			
0609-03	101	205084794	0.00	0.00	0.188	10.750	412	28.05	TAPE	1/1/1968	17	3	DFM	T	I1	E16	E09	152	22.06	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0609-03	102	205084796	0.00	0.08	0.250	10.750	412	21.09	TAPE	11/13/2001	421	3	DFM	T	I1	E16	E09	152	13.95	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
0609-03	103	205084677	0.08	0.17	0.188	10.750	412	28.05	TAPE	1/1/1968	444	3	DFM	T	I1	E16	E09	152	20.68	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0609-03	104	205084674	0.17	0.42	0.188	10.750	412	33.66	TAPE	1/1/1968	1300	3	DFM	T	I1	E16	E09	152	20.63	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0609-03	104.3	205084673	0.42	0.43	0.188	6.625	412	17.28	TAPE	1/1/1968	60	3	DFM	TP	I1	E12		94	26.96	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
0611-01	101	205084768	0.00	0.11	0.250	12.750	412	25.01	TAPE	1/1/1960	567	3	DFM	T	I1	E16	E09	180	11.56	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0611-01	101.3	205084757	0.11	0.17	0.250	12.750	412	30.02	HAA	1/1/1952	350	3	DFM	T	I1	E16	E09	180	13.27	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0611-01	103	205084762	0.17	0.49	0.281	16.000	412	27.93	TAPE	1/1/1975	1687	3	DFM	T	I1	E16	E09	225	12.27	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
0611-01	103.3	205084763	0.49	0.53	0.250	12.750	412	30.02	HAA	1/1/1956	183	3	DFM	T	I1	E16	E09	180	17.72	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0611-01	105	205084760	0.53	0.68	0.250	12.750	412	30.02	HAA	1/1/1956	800	3	DFM	T	I1	E16	E09	180	17.72	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0611-01	106	205084799	0.68	0.88	0.250	12.750	412	30.02	HAA	1/1/1956	1035	3	DFM	T	I1	E16	E09	180	18.32	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0611-01	107	205084678	0.88	1.07	0.250	12.750	412	30.02	HAA	1/1/1957	1018	3	DFM	T	I1	E16	E09	180	17.72	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0611-02	400.3	205084764	0.00	0.02	-0.203	12.750	412	-36.97		1/1/1986	89	3	DFM	T	I1	E16	E09	180	16.89	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0611-02	401	205084765	0.02	0.21	0.281	10.750	412	26.27	HAA	1/1/1941	1031	3	DFM	T	I1	E16	E09	152	18.28	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/3/2014		
0611-02	402	205084758	0.21	0.53	0.250	12.750	412	25.01	XTRUPL	1/1/1975	1696	3	DFM	T	I1	E16	E09	180	12.00	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
0611-02	402.5	205123715	0.53	0.69	0.281	10.750	412	26.27	HAA	1/1/1941	221	3	DFM	T	I1	E16	E09	152	21.85	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/3/2014		
0611-02	403	205148823	1.00	1.08	0.281	10.750	412	26.27	HAA	1/1/1941	114	3	DFM	T	I1	E16	E09	152	22.91	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/3/2014		
0611-02	403.5	205148824	1.08	1.08	0.281	10.750	412	26.27	HAA	1/1/1941	1	3	DFM	T	I1	E16	E09	152	22.91	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/3/2014		
0611-02	404	205084761	1.08	1.65	0.281	10.750	240	15.30	HAA	1/1/1942	2984	3	DFM	TP	B1	E16	E09	116	30.66	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/3/2014		
0611-02	405	205084670	1.65	1.90	0.219	12.750	240	19.96	HAA	1/1/1952	1296	3	DFM	TP	I1	E16	E09	137	22.88	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0611-02	406	205084671	1.90	1.91	-0.203	12.750	240	-21.53	TAPE	1/1/1964	30	3	DFM	TI	I1	E16	E09	137	23.89	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0611-05	102.3	205084751	0.06	0.12	0.281	16.000	412	33.51	TAPE	1/1/1960	346	3	DFM	T	I1	E16	E09	225	14.75	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0611-05	102.9	205084750	0.00	0.06	0.250	12.750	412	25.01	TAPE	1/1/1960	293	3	DFM	T	I1	E16	E09	180	15.19	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0611-06	101	205084746	0.00	0.13	0.281	16.000	-240	-16.27		1/1/1975	681	3	DFM	TP	I1	E16	E09	172	11.60	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0611-07	101	205084747	0.12	0.22	0.281	12.750	-240	-18.15	HAA	1/1/1942	535	3	DFM	TP	I1	E16	E09	137	15.59	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/3/2014		
0611-07	102	205084752	0.22	0.41	0.250	16.000	-240	-25.60	XTRUPL	1/1/1971	989	3	DFM	T	I1	E16	E09	172	11.95	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
0611-07	102.3	205084753	0.41	0.49	0.250	16.000	-240	-18.29		1/1/1975	430	3	DFM	TP	I1	E16	E09	172	11.60	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
0611-08	500.3	205148821	0.00	0.06	-0.203	12.750	-240	-25.12	HAA	1/1/1942	320	3	DFM	T	I1	E16	E09	137	23.25	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/3/2014		
0611-08	501.3	205148822	0.06	0.06	-0.203	12.750	-240	-25.12	HAA	1/1/1942	6	3	DFM	T	I1	E16	E09	137	23.25	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/3/2014		
0611-09	100.3	205111874	0.00	0.07	0.281	12.750	-240	-18.15	HAA	1/1/1942	368	3	DFM	TP	I1	E16	E09	137	15.59	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/3/2014		
0611-29	201	205084754	0.00	0.00	-0.156	6.625	-412	-25.00		1/1/1978	42	3	DFM	TI	I9	E12		94	24.20	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
0613-01	100	205079033	0.02	0.05	0.250	12.750	-260	-22.10	HAA	1/1/1939	170	3	DFM	T	I5	E12		143	16.36	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/17/2012		
0613-01	101	205154763	0.05	0.13	0.219	12.750	-260	-18.02	TAPE	1/1/1968	435	3	DFM	TP	I5	E12		143	20.70	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
0613-01	101.5	205122898	0.19	0.40	0.219	12.750	-260	-18.02	TAPE	1/1/1968	1089	3	DFM	TP	I1	E16	E09	143	12.31	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/13/2016		
0613-01	102	205078844	0.40	0.42	0.250	12.750	-260	-22.10	HAA	1/1/1994	99	4	DFM	T	I1	E16	E09	143	8.68	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/13/2016		
0613-01	103	205078819	0.42	0.52	0.281	12.750	-260	-14.04	TAPE	1/1/1994	523	4	DFM	TP	I1	E16	E09	143	3.69	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/13/2016		
0613-01	104	205148656	0.52	0.60	0.219	12.750	-260	-21.62	TAPE	1/1/1978	448	4	DFM	T	I1	E16	E09	143	11.82	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/13/2016		
0613-01	104.5	205148657	0.60	1.06	0.219	12.750	-260	-21.62	TAPE	1/1/1978	2428	4	DFM	T	I1	E16	E09	143	16.46	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/13/2016		
0613-01	105	205078680	1.06	1.08	0.375	12.750	-260	-12.63	BARE	1/1/1978	64	4	DFM	TP	I1	E16	E09	143	10.24	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/13/2016		
0613-01	106	205148648	1.08	1.24	0.219	12.750	-260	-21.62	TAPE	1/1/1978	818	4	DFM	T	I1	E16	E09	143	20.83	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/13/2016		
0613-01	106.2	205148649	1.24	1.24	0.219	12.750	-260	-21.62	TAPE	1/1/1978	20	4	DFM	T	I1	E16	E09	143	16.46	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/13/2016		
0613-01	106.5	205084813	1.24	1.40	0.281	12.750	260	14.04	TAPE	1/1/1998	791	3	DFM	TP	I1	E16	E09	143	10.24	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/13/2016		
0613-01	107	205127166	1.40	1.56	0.281	12.750	260	14.04	TAPE	1/1/1998	845	3	DFM	TP	I1	E16	E09	143	8.06	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/13/2016		
0613-01	107.2	205127170	1.56	1.57	0.281	12.750	260	14.04	TAPE	2/17/2005	12	3	DFM	TP	I5	E16	E09	143	8.06	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/13/2016		
0613-01	107.4	205127169	1.57	1.60	0.281	12.750	260	14.04																								

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN	
0613-01	122.5	205122916	3.99	4.38	-0.203	12.750	-260	-23.33	HAA	1/1/1943	2097	3	DFM	T	I1	E12		143	26.17	Yes	No	No	Yes	Yes	Yes	No	No	Yes	12/17/2012		
0613-01	123.7	205130115	5.01	5.11	0.313	12.750	-260	-15.15	HAA	1/1/1952	531	3	DFM	TP	I5	E16	E09	143	11.27	Yes	No	No	Yes	No	Yes	No	No	Yes	9/13/2016		
0613-01	124	205122918	5.11	5.29	0.313	12.750	-260	-15.15	HAA	1/1/1952	938	3	DFM	TP	I1	E16	E09	143	11.27	Yes	No	No	Yes	No	Yes	No	No	Yes	9/13/2016		
0613-02	100.3	205148654	0.00	0.00	0.250	8.625	-260	-10.68	TAPE	1/1/1994	3	3	DFM	TC	I1	E16	E09	97	9.05	Yes	No	No	No	No	Yes	No	No	Yes	9/13/2016		
0613-02	101.3	205148655	0.00	0.02	0.250	8.625	-260	-10.68	TAPE	1/1/1994	97	3	DFM	TC	I1	E16	E09	97	9.05	Yes	No	No	No	No	Yes	No	No	Yes	9/13/2016		
0613-02	102	205078657	0.00	0.31	0.188	8.625	-260	-14.20	TAPE	1/1/1968	1613	3	DFM	TC	I1	E16	E09	97	17.47	Yes	No	No	Yes	No	Yes	No	No	Yes	9/13/2016		
0615-02	102	205129564	0.14	0.16	0.156	6.625	-425	-21.49	FBE	10/24/2002	129	3	DFM	T	I1	E15	E10	95	16.57	Yes	No	No	No	No	Yes	No	No	Yes	4/6/2015		
0617-01	100	205130788	0.00	0.00	0.375	12.750	500	24.29	TAPE	9/10/2005	1	3	DFM	T	I6	S16	E09	198	6.29	Yes	No	No	No	No	Yes	No	No	Yes	4/13/2016		
0617-01	100.1	205130784	0.00	0.01	0.375	16.000	500	30.48		1/1/1964	27	3	DFM	T	I1	S16	E09	248	6.19	Yes	No	No	No	No	Yes	No	No	Yes	4/13/2016		
0617-01	100.2	205130781	0.01	0.01	0.375	12.750	500	24.29	TAPE	9/10/2005	5	3	DFM	T	I6	S16	E09	198	6.29	Yes	No	No	No	No	Yes	No	No	Yes	4/13/2016		
0617-01	100.3	205130782	0.01	0.01	0.375	16.000	500	30.48	TAPE	9/10/2005	2	3	DFM	T	I6	S16	E09	248	5.17	Yes	No	No	No	No	Yes	No	No	Yes	4/13/2016		
0617-01	100.4	205158643	0.01	0.01	0.375	16.000	500	30.48		1/1/1964	6	3	DFM	T	I1	S16	E09	248	6.19	Yes	No	No	No	No	Yes	No	No	Yes	4/13/2016		
0617-01	100.45	205158644	0.01	0.06	0.375	16.000	500	30.48		1/1/1964	275	3	DFM	T	I1	E16	E09	248	6.19	Yes	No	No	No	No	Yes	No	No	Yes	4/13/2016		
0617-01	100.5	205130986	0.06	0.06	0.375	16.000	500	30.48	TAPE	9/10/2005	1	3	DFM	T	I5	E16	E09	248	5.17	Yes	No	No	No	No	Yes	No	No	Yes	4/13/2016		
0617-01	100.6	205130987	0.06	0.06	0.375	12.750	500	24.29	TAPE	9/10/2005	2	3	DFM	T	I5	E16	E09	198	4.04	Yes	No	No	No	No	Yes	No	No	Yes	4/13/2016		
0617-01	101	205085060	0.06	1.10	0.375	12.750	500	24.29	HAA	1/1/1954	5488	3	DFM	T	I1	E16	E09	198	12.00	Yes	No	No	Yes	No	Yes	No	No	Yes	4/13/2016		
0617-01	101.3	205129530	1.10	1.10	0.219	12.750	500	34.65	XTRUPL	1/1/1984	6	3	DFM	TP	A5	E12		198	20.78	Yes	No	No	No	No	Yes	No	No	Yes	12/17/2012		
0617-01	101.4	205129532	1.10	1.10	0.375	12.750	500	24.29	HAA	1/1/1954	20	3	DFM	TP	A5	E12		198	15.00	Yes	No	No	Yes	No	Yes	No	No	Yes	12/17/2012		
0617-03	100	205130563	0.00	0.00	0.375	12.750	500	24.29	HAA	1/1/1980	5	3	DFM	T	I1	E14	E07	198	6.29	Yes	No	No	No	No	Yes	No	No	Yes	1/31/2014		
0617-03	100.2	205129518	0.00	0.00	0.375	12.750	500	24.29	TAPE	9/10/2005	9	3	DFM	T	I5	E14	E07	198	6.29	Yes	No	No	No	No	Yes	No	No	Yes	1/31/2014		
0617-03	100.5	205130161	0.00	0.00	0.312	16.000	500	24.65	TAPE	9/10/2005	3	3	DFM	T	I5	E14	E07	248	6.45	Yes	No	No	No	No	Yes	No	No	Yes	1/31/2014		
0617-03	101	205130165	0.00	1.04	0.344	16.000	500	27.69	HAA	1/1/1980	5489	3	DFM	T	I1	E14	E07	248	11.05	Yes	No	No	No	No	Yes	No	No	Yes	1/31/2014		
0617-03	101.1	205130166	1.04	1.05	0.375	16.000	500	30.48	HAA	1/1/1980	12	3	DFM	T	I1	E14	E07	247	13.00	Yes	No	No	No	No	Yes	No	No	Yes	1/31/2014		
0617-03	101.2	205130178	1.05	1.05	0.344	16.000	500	27.69	HAA	1/1/1980	7	3	DFM	T	I1	E14	E07	248	11.97	Yes	No	No	No	No	Yes	No	No	Yes	1/31/2014		
0617-03	101.3	205130182	1.05	1.05	0.312	16.000	500	24.65	TAPE	9/10/2005	3	3	DFM	T	I5	E14	E07	248	11.97	Yes	No	No	No	No	Yes	No	No	Yes	1/31/2014		
0617-03	101.4	205130181	1.05	1.05	0.344	16.000	500	27.69	HAA	1/1/1980	35	3	DFM	T	I1	E14	E07	248	14.28	Yes	No	No	No	No	Yes	No	No	Yes	1/31/2014		
0617-03	102	205130559	1.05	1.15	0.281	16.000	500	27.37	TAPE	1/1/1980	500	3	DFM	T	B1	E14	E07	248	11.97	Yes	No	No	No	No	Yes	No	No	Yes	1/31/2014		
0617-03	102.5	205130185	1.15	1.68	0.250	16.000	500	45.71	TAPE	1/1/1980	2833	3	DFM	T	B1	E14	E07	248	16.32	Yes	No	No	No	No	Yes	No	No	Yes	1/31/2014		
0617-03	103	205130190	1.68	1.68	0.312	16.000	500	24.65	TAPE	9/10/2005	2	3	DFM	T	I5	E14	E07	248	14.28	Yes	No	No	No	No	Yes	No	No	Yes	1/31/2014		
0617-03	104	205130189	1.68	1.69	0.375	12.750	500	24.29	TAPE	9/10/2005	8	3	DFM	T	I5	E14	E07	198	13.93	Yes	No	No	No	No	Yes	No	No	Yes	1/31/2014		
0617-03	105	205130188	1.69	1.69	0.375	12.750	500	24.29	TAPE	1/1/1980	4	3	DFM	T	B1	E14	E07	198	13.93	Yes	No	No	No	No	Yes	No	No	Yes	1/31/2014		
0617-06	155	205152023	0.00	0.00	0.375	12.750	500	24.29	HAA	1/1/1988	1	3	LT	T	A1	E16	E09	198	13.93	Yes	No	No	No	No	Yes	No	No	Yes	4/13/2016		
0617-06	155.05	205152024	0.00	0.00	0.375	12.750	500	24.29	HAA	1/1/1988	15	3	DFM	T	A1	E16	E09	198	13.93	Yes	No	No	No	No	Yes	No	No	Yes	4/13/2016		
0617-06	155.1	205130502	0.00	0.00	0.375	12.750	500	24.29	TAPE	9/10/2005	1	3	DFM	T	A5	E16	E09	198	13.93	Yes	No	No	No	No	Yes	No	No	Yes	4/13/2016		
0617-06	155.2	205130501	0.00	0.00	0.250	12.750	500	36.43	TAPE	1/1/1988	6	3	DFM	T	A1	E16	E09	198	15.25	Yes	No	No	No	No	Yes	No	No	Yes	4/13/2016		
0617-06	155.3	205130497	0.00	0.28	0.250	12.750	500	36.43	HAA	1/1/1954	1485	3	DFM	T	A1	E16	E09	198	19.25	Yes	No	No	Yes	No	Yes	No	No	Yes	4/13/2016		
0617-06	155.4	205085069	0.28	0.29	0.203	12.750	500	37.39	XTRUPL	1/1/1977	24	3	DFM	T	A1	E16	E09	198	20.18	Yes	No	No	No	No	Yes	No	No	Yes	4/13/2016		
0617-06	156	205123361	0.29	0.97	0.250	12.750	500	36.43	HAA	1/1/1954	3620	3	DFM	T	A1	E16	E09	198	23.74	Yes	No	No	Yes	No	Yes	No	No	Yes	4/13/2016		
0617-06	157	205130523	0.97	1.02	0.250	12.750	500	36.43	HAA	1/1/1954	258	3	DFM	T	I15	E16	E09	198	19.25	Yes	No	No	Yes	No	Yes	No	No	Yes	4/13/2016		
0617-06	157.1	205130527	1.02	1.03	0.281	12.750	500	27.01	TAPE	9/10/2005	24	3	DFM	T	I5	E16	E09	198	13.93	Yes	No	No	No	No	Yes	No	No	Yes	4/13/2016		
0617-06	157.2	205130526	1.03	1.13	0.250	12.750	500	36.43	HAA	1/1/1954	579	3	DFM	T	I15	E16	E09	198	19.25	Yes	No	No	Yes	No	Yes	No	No	Yes	4/13/2016		
0617-06	157.3	205131151	1.13	2.30	0.250	12.750	500	36.43	HAA	1/1/1954	6138	3	DFM	T	A1	E16	E09	198	19.25	Yes	No	No	Yes	No	Yes	No	No	Yes	4/13/2016		
0617-06	157.31	205152817	2.30	2.30	0.375	12.750	500	24.29	TAPE	9/10/2005	3	3	DFM	T	I6	E16	E09	198	9.43	Yes	No	No	No	No	Yes	No	No	Yes	4/13/2016		
0617-06	157.315	205152818	2.30	2.30	0.375	12.750	500	24.29	TAPE	9/10/2005	3	3	DFM	T	I6	E16	E09	198	9.43	Yes	No	No	No	No	Yes	No	No	Yes	4/13/2016		
0617-06	157.32	205131154	2.30	3.00	0.250	12.750	500	36.43	HAA	1/1/1954	3688	3	DFM	T	A1	E16	E09	198	14.76	Yes	No	No	Yes	No	Yes	No	No	Yes	4/13/2016		
0617-06	157.5	205123367	3.00	3.12	0.250	12.750	500	36.43	HAA	1/1/1954	635	3	DFM	T	A6	E16	E09	198	14.76	Yes	No	No	Yes	No	Yes	No	No	Yes	4/13/2016		
0617-06	157.6	205123371	3.12	3.32	0.250	12.750	500	36.43	HAA	1/1/1954	1055	3	DFM	T	A1	E16	E09	198	14.76	Yes	No	No	Yes	No	Yes	No	No	Yes	4/13/2016		
0617-06	157.7	205130494	3.32	3.49	0.250	12.750	500	36.43	HAA	1/1/1954	896	3	DFM																		

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN		
0617-06	160	205130752	6.65	6.22	0.188	8.625	500	32.77		1/1/1954	3007	3	DFM	T	I1	E15	E10	134	16.45	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	160.1	205130756	6.22	6.22	0.188	8.625	500	32.77	TAPE	9/19/2005	4	3	DFM	T	I6	E15	E10	134	14.84	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	160.2	205130755	6.22	6.24	0.188	8.625	500	32.77		1/1/1954	144	3	DFM	T	I1	E15	E10	134	16.45	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	160.3	205130082	6.24	6.24	0.188	8.625	500	32.77	TAPE	9/10/2005	5	3	DFM	T	I5	E15	E10	134	14.84	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	160.5	205130084	6.24	6.32	0.172	8.625	500	29.85	XTRUPL	1/1/1984	412	3	DFM	T	I1	E15	E10	134	13.88	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	161.08	205129014	6.88	6.92	0.188	8.625	500	32.77	HAA	1/1/1954	184	3	DFM	T	I5	E15	E10	134	16.45	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	161.1	205130100	6.92	6.92	0.188	8.625	500	32.77	TAPE	9/19/2005	6	3	DFM	T	I5	E15	E10	134	14.84	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	161.3	205130095	6.92	6.93	0.172	8.625	500	29.85	XTRUPL	1/1/1985	23	3	DFM	T	I5	E15	E10	134	13.88	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	161.5	205130099	6.93	6.93	0.188	8.625	500	32.77	TAPE	9/19/2005	6	3	DFM	T	I5	E15	E10	134	14.84	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	162	205129015	6.93	7.02	0.188	8.625	500	32.77	HAA	1/1/1954	510	3	DFM	T	I5	E15	E10	134	16.45	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	162.6	205163577	7.17	7.31	0.188	8.625	500	32.77	HAA	1/1/1954	711	3	DFM	T	I9	E17		134	20.25	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/29/2017		
0617-06	163	205130890	7.57	7.71	0.188	8.625	500	32.77	HAA	1/1/1954	753	3	DFM	T	I1	E15	E10	134	16.45	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	163.1	205130898	7.71	7.71	0.188	8.625	500	32.77	TAPE	9/19/2005	6	3	DFM	T	I5	E15	E10	134	14.84	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	163.3	205130894	7.71	7.71	0.188	8.625	500	32.77	HAA	1/1/1954	29	3	DFM	T	I1	E15	E10	134	16.45	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	163.4	205130899	7.71	7.72	0.188	8.625	500	32.77	TAPE	9/19/2005	6	3	DFM	T	I5	E15	E10	134	14.84	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	163.45	205130897	7.72	7.78	0.188	8.625	500	32.77	HAA	1/1/1954	349	3	DFM	T	I1	E15	E10	134	16.45	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	163.5	205130904	7.78	7.79	0.188	8.625	500	27.31	HAA	1/1/1954	47	3	DFM	T	I1	E15	E10	134	15.45	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	163.55	205130908	7.79	7.79	0.188	8.625	500	27.31	TAPE	9/19/2005	8	3	DFM	T	I5	E15	E10	134	11.70	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	163.6	205130907	7.79	7.89	0.188	8.625	500	27.31	HAA	1/1/1954	496	3	DFM	T	I1	E15	E10	134	15.45	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	163.9	205136200	7.95	8.09	0.188	8.625	500	27.31	HAA	1/1/1954	727	3	DFM	T	I9	E15	E10	134	17.63	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	164	205123389	8.35	8.75	0.188	8.625	500	27.31	HAA	1/1/1954	2125	3	DFM	T	A1	E15	E10	134	17.63	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	164.2	205123391	8.75	8.87	0.188	8.625	500	27.31	HAA	1/1/1954	617	3	DFM	T	A6	E15	E10	134	21.98	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	164.41	205129537	8.87	8.91	0.188	8.625	500	27.31	HAA	1/1/1963	198	3	DFM	T	B1	E15	E10	134	21.33	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	164.421	205131275	8.91	8.91	0.250	8.625	500	24.64	TAPE	1/13/2006	3	3	DFM	T	B6	E15	E10	134	11.65	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	164.422	205131277	8.91	8.91	0.322	8.625	500	19.13	TAPE	1/13/2006	16	3	DFM	TP	B6	E15	E10	134	13.58	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	164.423	205131278	8.91	8.91	0.250	8.625	500	24.64	TAPE	1/13/2006	3	3	DFM	T	B6	E15	E10	134	13.82	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	164.43	205129536	8.91	9.79	0.188	8.625	500	27.31	HAA	1/1/1963	4825	3	DFM	T	B1	E15	E10	134	21.33	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	164.45	205130234	9.79	9.80	0.250	8.625	500	20.54	TAPE	9/19/2005	6	3	DFM	T	I5	E15	E10	134	11.65	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	164.5	205130236	9.80	9.82	0.188	8.625	500	27.31	HAA	1/1/1963	175	3	DFM	T	B1	E15	E10	134	19.16	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	164.6	205131030	9.82	9.82	0.250	8.625	500	20.54	TAPE	9/19/2005	12	3	DFM	T	I5	E15	E10	134	11.65	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	164.8	205131032	9.82	9.82	0.188	8.625	500	27.31	HAA	1/1/1954	3	3	DFM	T	I1	E15	E10	134	19.80	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	164.81	205131036	9.82	9.82	0.250	8.625	500	20.54	TAPE	9/19/2005	4	3	DFM	T	I5	E15	E10	134	11.65	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	164.9	205131035	9.82	9.93	0.188	8.625	500	32.77	HAA	1/1/1954	552	3	DFM	T	I1	E15	E10	134	26.25	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	165.8	205123403	10.68	10.77	0.188	8.625	500	32.77	HAA	1/1/1954	503	3	DFM	T	I1	E15	E10	134	20.80	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	166	205131188	10.77	10.79	0.188	8.625	500	32.77	HAA	1/1/1954	112	3	DFM	T	I6	E15	E10	134	16.45	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	175.3	205130344	11.01	11.01	0.250	6.625	500	18.93	TAPE	9/10/2005	5	3	DFM	TP	B1	E15	E10	103	9.08	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	175.5	205130345	11.01	11.01	0.281	12.750	500	27.01	TAPE	9/10/2005	3	3	DFM	T	B1	E15	E10	198	6.29	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	175.7	205130827	11.01	11.53	0.281	12.750	500	27.01	TAPE	1/1/1986	2708	3	DFM	T	B1	E15	E10	198	7.13	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	175.8	205129374	11.53	11.53	0.281	12.750	500	27.01	TAPE	9/19/2005	2	3	DFM	T	B1	E15	E10	198	6.29	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	175.9	205129373	11.53	11.55	0.281	12.750	500	27.01	TAPE	1/1/1986	122	3	DFM	T	B1	E15	E10	198	6.29	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	177	205130399	11.55	11.56	0.281	12.750	500	27.01	TAPE	1/1/1986	34	3	DFM	T	I1	E15	E10	198	6.29	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	177.1	205130400	11.56	11.56	0.219	12.750	500	34.65	TAPE	1/1/1986	2	3	DFM	T	I1	E15	E10	198	12.16	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	177.3	205129369	11.56	11.59	0.219	12.750	500	34.65	TAPE	1/1/1986	195	3	DFM	T	I1	E15	E10	198	12.16	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	179	205085092	11.59	11.61	0.312	12.750	500	29.19	TAPE	1/1/1986	80	3	DFM	T	I1	E15	E10	198	6.29	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	181	205085093	11.61	11.66	0.219	12.750	500	34.65	TAPE	1/1/1986	274	3	DFM	T	I1	E15	E10	198	12.16	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	183	205085088	11.66	12.40	0.312	12.750	500	29.19	TAPE	1/1/1986	3880	3	DFM	T	I1	E15	E10	198	6.29	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
0617-06	185	205085089	12.40	12.96	0.250	12.750	500	30.36	TAPE	1/1/1986																						

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN
0617-06	198.5	205129356	13.98	13.98	0.365	10.750	500	21.04	TAPE	1/1/1988	2	3	DFM	T	I5	E15	E10	167	9.63	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0617-06	199	205129464	13.98	14.08	0.219	10.750	500	29.22	TAPE	1/1/1988	510	3	DFM	T	I5	E15	E10	167	11.89	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0617-06	199.5	205129465	14.08	14.12	0.219	10.750	500	29.22	TAPE	1/1/1988	216	3	DFM	T	I5	E15	E10	167	11.89	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0617-06	199.6	205129358	14.12	14.12	0.365	10.750	500	21.04	TAPE	1/1/1988	11	3	DFM	T	I5	E15	E10	167	9.63	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0617-06	200	205129364	14.12	14.12	0.365	10.750	500	21.04	TAPE	1/1/1986	4	3	DFM	T	I5	E15	E10	167	9.63	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0617-06	200.5	205129365	14.12	14.12	0.250	10.750	500	25.60	TAPE	6/10/2005	1	3	DFM	T	I5	E15	E10	167	9.63	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0617-06	201	205129362	14.12	14.47	0.219	10.750	500	29.22	TAPE	1/1/1986	1835	3	DFM	T	I1	E15	E10	167	14.11	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0617-06	202	205123411	14.47	14.51	0.219	10.750	500	29.22	TAPE	1/1/1992	240	3	DFM	T	I1	E15	E10	167	14.11	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0617-06	203	205129466	14.51	14.55	0.219	10.750	500	29.22	TAPE	1/1/1992	171	3	DFM	T	I5	E15	E10	167	14.11	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0617-06	205.5	205136181	14.75	14.84	0.219	10.750	500	29.22	TAPE	1/1/1986	474	3	DFM	T	I9	E15	E10	167	14.11	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0617-06	206	205130129	14.84	14.98	0.219	10.750	500	29.22	TAPE	1/1/1986	717	3	DFM	T	I5	E15	E10	167	14.11	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0617-06	207	205085074	14.98	14.98	0.219	10.750	500	29.22	TAPE	1/1/1991	28	3	DFM	T	I9	E15	E10	167	18.37	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0617-06	208	205123415	14.98	15.05	0.219	10.750	500	29.22	TAPE	1/1/1986	370	3	DFM	T	I9	E15	E10	167	14.11	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0617-06	209	205123417	15.05	15.54	0.219	10.750	500	29.22	TAPE	1/1/1986	2596	3	DFM	T	I1	E15	E10	167	14.11	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0617-06	210	205131865	15.54	16.31	0.219	10.750	500	29.22	TAPE	1/1/1986	4048	3	DFM	T	I5	E16		167	19.57	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/16/2016
0617-06	210.2	205131866	16.31	16.35	0.219	10.750	500	29.22	TAPE	1/1/1986	239	3	DFM	T	I5	E16		167	17.39	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/16/2016
0617-06	210.4	205132715	16.35	16.38	0.250	10.750	500	20.67	FBE	12/31/2005	121	3	DFM	T	I5	E16		167	9.63	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/16/2016
0617-06	210.5	205131867	16.38	16.42	0.219	10.750	500	29.22	TAPE	1/1/1986	243	3	DFM	T	I5	E16		167	17.39	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/16/2016
0617-06	210.6	205131868	16.42	16.49	0.219	10.750	500	29.22	TAPE	1/1/1986	332	3	DFM	T	I5	E16		167	19.57	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/16/2016
0617-06	211	205151298	16.49	16.50	0.250	10.750	500	25.60	TAPE	1/1/1996	74	3	DFM	T	I5	E16		167	13.95	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/16/2016
0617-06	215.5	205148882	19.52	19.54	0.219	10.750	500	29.22		7/11/1986	107	3	DFM	T	I6	E15	E10	167	17.21	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015
0617-06	216	205145937	19.54	19.58	0.250	10.750	500	25.60	FBE	6/21/2005	256	3	DFM	T	I6	E15	E10	167	12.73	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0617-06	216.5	205146743	19.58	19.62	0.250	10.750	500	20.67	FBE	5/28/2008	216	3	DFM	T	I6	E15	E10	167	12.73	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0617-06	216.6	205146745	19.62	19.62	0.250	10.750	500	25.60	Protal 7200	5/28/2008	2	3	DFM	T	I6	E15	E10	167	12.73	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0617-06	216.7	205146747	19.62	19.63	0.250	10.750	500	20.67	FBE	5/28/2008	16	3	DFM	T	I6	E15	E10	167	12.73	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0617-06	216.8	205146749	19.63	19.63	0.250	10.750	500	25.60	Protal 7200	5/28/2008	2	3	DFM	T	I6	E15	E10	167	12.73	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0617-06	216.9	205146750	19.63	19.63	0.250	10.750	500	20.67	FBE	5/28/2008	2	3	DFM	T	I6	E15	E10	167	12.73	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0617-06	217	205148883	19.63	19.66	0.219	10.750	500	29.22		7/11/1986	183	3	DFM	T	I6	E15	E10	167	17.21	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015
0617-06	218.5	205148898	19.99	20.03	0.219	10.750	500	29.22		7/11/1986	236	3	DFM	T	I9	E15	E10	167	17.21	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015
0617-06	219	205158200	20.03	20.03	0.166	6.625	500	25.28		7/25/1986	5	3	DFM	T	I6	E15	E10	103	16.65	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015
0617-06	219.5	205158201	20.03	20.12	0.166	6.625	500	25.28		7/25/1986	476	3	DFM	T	I6	E15	E10	103	16.65	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015
0617-06	220	205131025	20.12	20.20	0.166	6.625	500	25.28		7/25/1986	438	3	DFM	T	I8	E15	E10	103	16.65	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015
0617-06	221	205123426	20.20	20.36	0.166	6.625	500	25.28		7/25/1986	809	3	DFM	T	I1	E15	E10	103	16.65	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015
0617-06	222	205123423	20.36	20.43	0.219	10.750	500	29.22		7/25/1986	383	3	DFM	T	I1	E15	E10	167	17.21	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015
0617-06	223	205131022	20.43	20.46	0.219	10.750	500	29.22		7/25/1986	130	3	DFM	T	I8	E15	E10	167	17.21	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015
0617-06	225	205085241	20.58	20.67	0.166	6.625	500	25.28		8/21/1986	461	3	DFM	T	I1	E15	E10	103	16.65	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015
0617-06	177.2	205129368	11.56	11.56	0.281	12.750	500	27.01	TAPE	1/1/1986	5	3	DFM	T	I1	E15	E10	198	6.29	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0617-07	101.1	205131271	0.00	0.69	0.312	16.000	500	24.65	FBE	1/13/2006	3651	3	DFM	T	B6	E15	E10	248	8.75	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0617-07	101.2	205131272	0.69	0.70	0.375	16.000	500	30.48	FBE	1/13/2006	41	3	DFM	T	B6	E15	E10	248	12.08	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0617-07	102.1	205131273	0.70	0.70	0.312	16.000	500	24.65	FBE	1/13/2006	13	3	DFM	T	B6	E15	E10	248	8.75	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0617-07	102.2	205131274	0.70	0.72	0.375	16.000	500	30.48	PC	1/13/2006	125	3	DFM	T	B6	E15	E10	248	9.77	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0617-07	103	205134855	0.72	1.03	0.312	16.000	500	24.65	FBE	1/13/2006	1624	3	DFM	T	B6	E15	E10	248	13.36	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0617-07	104	205134856	1.03	1.11	0.312	16.000	500	24.65	FBE	1/13/2006	406	3	DFM	T	I6	E15	E10	248	8.75	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0617-07	110	205129547	1.11	1.11	0.375	16.000	500	30.48	TAPE	1/13/2006	3	3	DFM	T	I6	E15	E10	248	9.77	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0617-07	111	205129545	1.11	1.11	0.322	8.625	500	19.13	TAPE	1/13/2006	9	3	DFM	TP	I6	E15	E10	134	13.58	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0617-08	100.1	205130880	0.00	0.00	0.322	8.625	500	19.13	TAPE	1/1/1995	4	3	DFM	TP	I1	E15	E10	134	9.23	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0617-08	100.2	205130884	0.00	0.00	0.322	8.625	500	19.13	TAPE	9/10/2005	2	3	DFM	TP	I5	E15	E10	134	9.23	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0617-08	100.3	205130883	0.00	0.01	0.322	8.625	500	19.13	TAPE	1/1/1995	46	3	DFM	TP	I1	E15	E10	134	9.23	Yes	No	No	No	No	Yes	Yes				



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN
0617-10	106	205133791	3.00	3.01	0.281	12.750	500	21.81	FBE	12/29/2006	78	3	DFM	T	I9	E12	P06	198	7.19	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
0617-10	106.6	205135628	2.79	3.00	0.281	12.750	500	21.81	FBE	12/29/2006	1106	3	DFM	T	I9	E12	P06	198	7.19	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
0617-10	107	205135629	3.01	3.12	0.281	12.750	500	21.81	FBE	12/29/2006	565	3	DFM	T	I9	E12	P06	198	7.19	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
0617-10	112.5	205148879	4.29	4.47	0.281	12.750	500	21.81	FBE	12/29/2006	969	3	DFM	T	I5	E12	P06	198	7.19	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
0617-10	114	205143055	5.38	5.79	0.281	12.750	500	21.81	FBE	12/29/2006	2158	3	DFM	T	I5	E12	P06	198	7.19	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
0617-15	114	205123413	0.11	0.24	0.156	6.625	500	25.28		1/1/1988	673	3	DFM	T	I1	E16	E09	103	13.65	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/13/2016
0618-03	108	205084172	0.00	0.00	0.281	10.750	500	22.77	TAPE	1/1/1997	3	3	DFM	T	I5	E12		166	17.02	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
0618-03	109	205131231	0.00	0.21	0.250	10.750	500	25.60	TAPE	1/1/1997	1129	3	DFM	T	I5	E12		166	17.02	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
0618-03	110.5	205161932	0.35	0.39	0.188	10.750	500	34.04		1/1/1973	206	3	DFM	T	I9	E12		167	25.71	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
0618-03	110.6	205151933	0.39	0.40	0.188	10.750	500	34.04		1/1/1973	61	3	DFM	T	I9	E12		167	25.71	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
0618-03	110.7	205151931	0.40	0.41	0.188	8.000	500	25.33		1/1/1973	65	3	DFM	T	I9	E12		124	23.45	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
0618-03	111	205137345	0.41	0.49	0.172	8.625	500	29.85		1/1/1980	401	3	DFM	T	I9	E12		134	23.57	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
0618-03	112	205122575	1.13	1.27	0.188	8.625	500	27.31	TAPE	1/1/1992	714	3	DFM	T	I1	E15	E08	134	16.91	Yes	No	No	No	No	Yes	Yes	No	No	Yes	7/26/2015
0618-03	112.5	205122576	1.27	1.47	0.172	8.625	500	29.85	TAPE	1/1/1970	1066	3	DFM	T	I1	E15	E08	134	18.20	Yes	No	No	No	No	Yes	Yes	No	No	Yes	7/26/2015
0618-03	113.5	205122579	1.66	1.78	0.172	8.625	500	29.85	TAPE	1/1/1970	640	3	DFM	T	I1	E15	E08	134	18.20	Yes	No	No	No	No	Yes	Yes	No	No	Yes	7/26/2015
0618-03	113.7	205122580	1.78	1.80	0.188	8.625	500	27.31	TAPE	1/1/1969	89	3	DFM	T	I1	E15	E08	134	22.17	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	7/26/2015
0618-03	114.5	205122583	1.97	2.63	0.188	8.625	500	27.31	TAPE	1/1/1969	3461	3	DFM	T	I1	E15	E08	134	22.17	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	7/26/2015
0618-03	114.7	205122584	2.63	2.72	0.172	8.625	500	29.85		1/1/1970	468	3	DFM	T	I1	E15	E08	134	16.02	Yes	No	No	No	No	Yes	Yes	No	No	Yes	7/26/2015
0619-04	101	205164506	0.00	0.00	0.237	4.500	500	13.56	Protal 7200	9/24/2008	2	3	DFM	TP	I6	E12		70	18.23	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
0619-04	102	205155996	0.00	0.00	0.188	8.625	500	22.06	FBE	9/24/2008	5	3	DFM	T	I6	E12		134	19.09	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
0619-04	102.5	205155998	0.00	0.00	0.188	8.625	500	22.06	FBE	9/24/2008	8	3	DFM	T	I6	E12		134	19.09	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
0619-04	102.7	205164002	0.00	0.18	0.188	8.625	500	22.06	FBE	9/24/2008	926	3	DFM	T	I6	E12		134	19.09	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
0619-04	102.8	205163999	0.38	0.41	0.188	8.625	500	22.06	FBE	9/24/2008	163	3	DFM	T	I6	E12		134	19.09	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
0619-04	103	205164509	0.41	0.41	0.237	4.500	500	13.56	Protal 7200	9/24/2008	1	3	DFM	TP	I6	E12		70	18.23	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
0619-05	100	205078878	0.00	0.01	0.188	4.500	500	14.25	TAPE	5/15/1973	22	3	DFM	TP	I6	E12		70	26.66	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
0619-05	100.5	205078842	0.01	0.01	0.237	4.500	500	13.56	TAPE	10/31/2000	5	3	DFM	TP	I6	E12		70	18.80	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
0619-05	101	205163984	0.01	0.05	0.188	4.500	500	14.25	TAPE	5/15/1973	218	3	DFM	TP	I6	E12		70	22.45	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
0619-05	101.2	205163988	0.18	0.26	0.188	4.500	500	14.25	TAPE	5/15/1973	400	3	DFM	TP	I6	E12		70	26.66	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
0619-05	101.252	205164005	0.74	0.92	0.188	4.500	500	14.25	TAPE	5/15/1973	992	3	DFM	TP	I6	E12		70	26.66	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
0619-05	101.26	205163997	1.18	1.26	0.188	4.500	500	14.25	TAPE	5/15/1973	405	3	DFM	TP	I6	E12		70	26.66	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
0619-05	103.15	205163993	1.62	1.88	0.188	8.625	500	22.06	FBE	4/12/2005	1425	3	DFM	T	I6	E12		134	23.44	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
0619-05	103.2	205126598	1.88	1.88	0.237	4.500	500	13.56	TAPE	4/12/2005	2	3	DFM	TP	I6	E12		70	26.18	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
0619-05	104	205127955	1.88	1.89	0.141	4.500	500	19.00	TAPE	5/15/1973	44	3	DFM	TP	I6	E12		70	31.39	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
0619-05	104.5	205084695	1.89	1.90	0.237	4.500	500	-13.56			150	3	DFM	TP	I6	E12		70	37.51	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/17/2012
0619-05	105	205163990	1.90	1.93	0.141	4.500	500	19.00	TAPE	5/15/1973	133	3	DFM	TP	I6	E12		70	31.39	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
0627-01	800	205147969	0.00	0.00	0.203	8.625	500	-35.41		1/1/1937	2	3	DFM	T	I1	E14	E07	134	31.92	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	1/14/2014
0627-01	801	205147974	0.00	0.00	0.203	8.625	500	-35.41		1/1/1937	8	3	DFM	T	I1	E14	E07	134	31.92	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	1/14/2014
0627-01	802	205147975	0.00	0.02	0.203	8.625	500	-35.41		1/1/1937	118	3	DFM	T	I1	E14	E07	134	31.92	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	1/14/2014
0630-01	103.2	205122669	1.37	1.40	0.188	6.625	240	10.07	HAA	12/31/1962	153	3	DFM	TP	A5	E15	E10	72	30.28	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/19/2015
0630-01	103.5	205088923	1.40	1.41	0.237	4.500	240	6.51	TAPE	11/14/2001	76	3	DFM	TP	A5	E15	E10	49	14.90	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015
0630-01	103.7	205088924	1.41	2.64	0.156	4.500	240	8.24		8/15/1979	6493	3	DFM	TP	B5	E15	E10	49	16.74	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015
0630-01	104	205122670	2.69	2.79	0.156	4.500	240	9.89		1/1/1989	540	3	DFM	TP	I5	E15	E10	49	15.01	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/19/2015
0630-01	104.4	205122676	3.00	3.07	0.156	4.500	240	9.89		4/21/1989	400	3	DFM	TP	I5	E15	E10	49	14.90	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015
0630-01	104.55	205144897	3.35	3.41	0.156	4.500	240	9.89		4/21/1989	285	3	DFM	TP	I9	E15	E10	49	14.90	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015
0630-01	104.6	205122680	3.51	3.68	0.156	4.500	240	9.89		4/21/1989	933	3	DFM	TP	A5	E15	E10	49	14.90	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015
0630-01	121.4	205123297	10.87	10.94	0.156	4.500	430	17.72	TAPE	1/1/1988	367	3	DFM	TP	I5	E15	E10	65	15.03	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015
0638-02	108.88	205129443	1.59	1.69	0.156	4.500	800	32.97	PL	3/9/1982	505	3	DFM	TI	I8	E15	E10	88	17.87	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/19/2015
0638-02	109	205123101	1.69	1.80	-0.141	4.500	-800	-36.47		1/1/1996	582	3	DFM	TI	I5	E15	E10	88	21.73	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/19/2015
0639-01	102.1	205078812</																												



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN
0650-01	105	205120022	0.02	0.10	0.156	3.500	792	25.38	TAPE	2/7/1984	385	3	DFM	T	I1	E15	E10	69	13.84	Yes	No	No	No	No	Yes	Yes	No	No	Yes	5/18/2015
0650-01	107	205095834	0.10	0.16	0.156	3.500	792	21.15	TAPE	7/29/1999	473	3	DFM	T	I1	E15	E10	69	13.40	Yes	No	No	No	No	Yes	Yes	No	No	Yes	5/18/2015
0650-01	108	205128048	0.16	0.17	0.156	3.500	792	25.38	TAPE	2/7/1984	48	3	DFM	T	I1	E15	E10	69	14.57	Yes	No	No	No	No	Yes	Yes	No	No	Yes	5/18/2015
0650-01	108.2	205128050	0.17	0.19	0.216	3.500	792	18.33	TAPE	6/13/2005	134	3	DFM	TP	I8	E15	E10	69	13.17	Yes	No	No	No	No	Yes	Yes	No	No	Yes	5/18/2015
0650-01	108.4	205128047	0.19	0.28	0.156	3.500	792	25.38	TAPE	2/7/1984	487	3	DFM	T	I1	E15	E10	69	14.57	Yes	No	No	No	No	Yes	Yes	No	No	Yes	5/18/2015
0650-01	109	205095836	0.28	0.30	0.156	3.500	792	25.38	TAPE	2/7/1984	126	3	DFM	T	I1	E15	E10	69	19.08	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/18/2015
0650-01	112	205095837	0.30	0.88	0.156	3.500	792	25.38	TAPE	2/7/1984	3086	3	DFM	T	I1	E15	E10	69	12.47	Yes	No	No	No	No	Yes	Yes	No	No	Yes	5/18/2015
0651-01	300	205168220	0.00	0.00	0.280	6.625	720	24.34	TAPE	11/12/2002	2	3	DFM	T	I1	E15	E10	124	9.42	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0651-01	301	205168221	0.00	0.00	0.280	6.625	720	24.34	TAPE	11/12/2002	34	3	DFM	T	I1	E15	E10	124	9.42	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0651-01	301.2	205168222	0.00	0.03	0.156	6.625	720	36.40	TAPE	8/14/2001	144	3	DFM	T	I1	E15	E10	124	15.08	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0651-01	301.5	205168223	0.03	0.17	0.156	6.625	720	36.40	TAPE	8/14/2001	733	3	DFM	T	I1	E15	E10	124	15.08	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0651-01	302.5	205130113	0.27	0.32	0.156	6.625	720	36.40	TAPE	8/14/2001	306	3	DFM	T	I5	E15	E10	124	12.91	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0651-01	303	205122923	0.32	0.55	0.156	6.625	720	36.40	TAPE	8/14/2001	1182	3	DFM	T	I1	E15	E10	124	12.91	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0651-01	305	205122926	0.80	1.01	0.156	6.625	720	36.40	TAPE	8/14/2001	1095	3	DFM	T	I1	E15	E10	124	12.91	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015
0651-01	306	205163983	1.01	1.05	0.188	8.625	720	39.32	CONC	1/1/1997	185	3	DFM	T	I1	E15	E10	161	15.37	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015
0651-01	309	205078903	1.05	1.30	0.188	8.625	720	39.32		1/1/1997	1315	3	DFM	T	I1	E15	E10	161	15.37	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015
0651-01	310	205122927	1.30	1.39	0.188	8.625	720	39.32		1/1/1997	477	3	DFM	T	I1	E15	E10	161	15.37	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015
0651-01	314	205122931	1.64	1.77	0.188	8.625	720	39.32		1/1/1997	690	3	DFM	T	I1	E15	E10	161	15.37	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015
0651-01	316	205122932	1.77	1.87	-0.172	8.625	720	-51.58		1/1/1997	523	3	DFM	T	I9	E12		161	29.39	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012
0651-01	319	205078905	1.87	2.05	0.188	8.625	720	39.32		1/1/1998	938	3	DFM	T	I1	E15	E10	161	15.37	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015
0804-01	102.2	205099238	0.00	0.01	0.375	24.000	400	30.48	XTRUPL	1/1/1983	12	3	DFM	T	I3	E12	E05	332	25.88	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
0804-01	102.3	205099239	0.01	0.01	-0.219	16.000	400	-76.10	TAPE	1/1/1987	5	3	DFM	T	I3	E12	E05	222	36.10	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012
0804-01	102.4	205099243	0.01	0.21	0.375	24.000	400	30.48	XTRUPL	1/1/1983	1119	3	DFM	T	I3	E12	E05	332	25.88	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
0804-01	103	205099237	0.21	0.21	0.312	24.000	400	36.63	HAA	1/1/1983	20	3	DFM	T	I3	E12	E05	332	26.97	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
0804-01	105	205114178	0.48	0.59	0.188	8.625	400	21.85		1/1/1973	540	3	DFM	TI	I5	E12	E05	120	22.38	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/26/2012
0804-01	106	205114179	0.59	0.66	0.156	6.625	400	20.22	TAPE	12/12/2000	373	3	DFM	TI	I5	E12	E05	92	18.68	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/26/2012
0804-01	108	205113706	0.66	0.87	0.156	6.625	400	20.22	TAPE	12/12/2000	1137	3	DFM	TI	I8	E12	E05	92	18.68	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/26/2012
0804-01	108.5	205113708	0.87	1.00	0.156	6.625	400	20.22	TAPE	12/12/2000	721	3	DFM	TI	I5	E12	E05	92	18.68	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/26/2012
0805-01	101	205099791	0.00	0.00	0.500	30.000	200	10.00	FBE	1/1/1997	3	3	DFM	TP	I5	E16	E09	294	13.92	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
0805-01	101.3	205099792	0.00	0.03	0.312	24.000	200	11.83	FBE	1/1/1997	150	3	DFM	TP	I5	E17	E10	235	13.53	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/19/2017
0805-01	101.4	205099793	0.03	0.06	0.375	24.000	200	10.67	CONC	1/1/1997	176	3	DFM	TP	I5	E17	E10	235	13.53	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/19/2017
0805-01	101.5	205100084	0.06	0.19	0.312	24.000	200	11.83	FBE	1/1/1997	696	3	DFM	TP	I5	E17	E10	235	13.53	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/19/2017
0805-01	101.6	205100050	0.19	0.20	0.312	24.000	200	11.83	FBE	1/1/1997	25	3	DFM	TP	I5	E16	E09	235	8.44	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
0805-01	102	205100049	0.20	0.56	0.375	24.000	200	10.67	TAPE	1/1/1986	1933	3	DFM	TP	I5	E16	E09	235	10.73	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
0805-01	103	205099795	0.56	0.75	0.313	24.000	200	14.77	TAPE	1/1/1986	905	3	DFM	TP	I5	E16	E09	235	10.73	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
0805-01	104	205099807	0.75	0.75	0.250	20.000	200	19.05		1/1/1986	7	3	DFM	TP	I5	E16	E09	196	14.40	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
0805-01	104.9	205099800	0.75	0.75	0.375	20.000	200	10.26	TAPE	10/28/2000	7	3	DFM	TP	I5	E16	E09	196	10.52	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
0805-01	105	205114183	0.75	0.82	0.280	6.625	200	6.76	TAPE	10/28/2000	388	3	DFM	TP	I5	E16	E09	66	13.10	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
0805-01	105.6	205099801	1.09	1.09	0.375	20.000	200	10.26	TAPE	10/28/2000	7	3	DFM	TP	I5	E16	E09	196	13.67	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
0805-01	105.7	205134727	1.09	1.09	0.375	20.000	200	10.26	TAPE	9/30/1992	11	3	DFM	TP	I5	E16	E09	196	13.67	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
0805-01	105.75	205134729	1.09	1.09	0.375	20.000	200	15.24	TAPE	9/30/1992	3	3	DFM	TP	I5	E16	E09	196	13.67	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014
0805-01	105.77	205134731	1.09	1.10	0.375	16.000	200	10.16	TAPE	9/30/1992	11	3	DFM	TP	I5	E16	E09	157	13.40	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
0805-01	106	205099797	1.17	1.78	0.313	30.000	200	18.46	TAPE	1/1/1964	3237	3	DFM	TP	I5	E16	E09	294	16.07	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
0805-01	106.3	205099812	1.78	1.82	0.500	30.000	200	14.29		1/1/1971	194	3	DFM	TP	I5	E16	E09	294	15.32	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014
0805-01	107	205099786	1.82	1.86	0.313	30.000	200	18.46		1/1/1969	269	3	DFM	TP	I5	E16	E09	294	10.90	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014
0805-01	108	205099787	1.86	2.24	0.250	20.000	200	23.81	TAPE	1/1/1979	1947	3	DFM	TI	I5	E16	E09	196	10.75	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014
0813-01	101	205100269	0.00	0.00	0.375	12.750	631	30.65	WAX	1/1/2001	10	3	DFM	T	I5	S11		222	9.68	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011
0813-01	101.1	205100271	0.00	0.02	-0.203	12.750	631	-56.62		1/1/1970	89	3	DFM	T	I5	S11		222	31.25	Yes	No	No	Yes	No	Yes					

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN		
0821-01	100.5	205099171	0.00	0.02	0.375	16.000	-200	-10.16			66	3	DFM	TP	18	E16	E09	157	15.81	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/1/2016			
0821-01	100.6	205099172	0.02	0.02	0.312	24.000	-200	-12.82			9	3	DFM	TP	18	E16	E09	235	13.73	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/1/2016			
0821-01	101.1	205099170	0.02	0.08	0.312	24.000	-200	-12.82	TAPE	1/1/1996	328	3	DFM	TP	18	E16	E09	235	3.86	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/1/2016		
0821-01	101.2	205131067	0.08	0.27	0.312	24.000	-200	-12.82	TAPE	1/1/1996	1009	3	DFM	TP	18	E16	E09	235	3.86	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/1/2016		
0821-01	101.4	205114206	0.39	1.15	0.312	24.000	-200	-12.82	TAPE	1/1/1996	4029	3	DFM	TP	15	E16	E09	235	3.86	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/1/2016		
0821-01	103	205099184	1.15	1.20	0.312	24.000	-200	-12.82	TAPE	1/1/1996	258	3	DFM	TP	15	E16	E09	235	3.86	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/1/2016		
0824-01	102.15	205114196	0.02	0.10	0.250	10.750	600	30.71	TAPE	1/1/1996	385	3	DFM	T	15	E16	E09	183	10.70	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/1/2016		
0824-01	102.2	205099764	0.10	0.10	0.250	10.750	600	30.71	TAPE	1/1/1996	3	3	DFM	T	15	E16	E09	183	8.47	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/1/2016		
0824-01	102.3	205099765	0.10	0.10	0.500	24.000	600	24.00	TAPE	1/1/1996	13	3	DFM	T	15	E16	E09	407	4.47	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/1/2016		
0824-01	102.4	205099766	0.10	0.10	0.250	10.750	600	30.71	TAPE	1/1/1996	3	3	DFM	T	15	E16	E09	183	8.47	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/1/2016		
0824-01	102.5	205114197	0.10	0.19	0.250	10.750	600	30.71	TAPE	1/1/1996	457	3	DFM	T	15	E16	E09	183	8.47	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/1/2016		
0824-01	102.6	205114198	0.19	0.48	0.250	10.750	600	30.71	TAPE	1/1/1996	1629	3	DFM	T	15	E16	E09	183	13.43	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/1/2016		
0824-01	105.2	205099749	0.48	0.48	0.250	10.750	600	36.86	TAPE	1/1/1996	17	3	DFM	T	15	E16	E09	183	13.54	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/1/2016		
0824-01	105.3	205099750	0.48	0.49	0.365	10.750	600	25.24	TAPE	1/1/1996	54	3	DFM	T	15	E16	E09	183	16.15	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/1/2016		
0824-01	105.5	205099751	0.49	0.49	0.250	10.750	600	36.86	TAPE	1/1/1996	18	3	DFM	T	15	E16	E09	183	13.43	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/1/2016		
0824-01	107	205114199	0.49	0.54	0.250	10.750	600	30.71	TAPE	1/1/1996	282	3	DFM	T	15	E16	E09	183	13.43	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/1/2016		
0833-01	102.1	205164358	3.41	3.56	0.312	16.000	400	19.72	FBE	6/29/2003	773	3	DFM	TP	13	E12		222	9.83	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
0833-01	102.2	205114639	3.56	3.56	0.312	16.000	400	19.72	FBE	6/29/2003	5	3	DFM	TP	13	E12		222	12.08	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
0833-01	102.4	205114640	3.56	3.56	0.365	10.750	400	16.83	FBE	6/29/2003	5	3	DFM	TP	13	E12		149	15.06	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
0833-01	102.6	205114638	3.56	3.56	0.322	8.625	400	15.31	FBE	6/29/2003	3	3	DFM	TP	13	E12		120	14.83	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
0833-01	103	205164355	3.56	3.60	0.219	8.625	400	18.75	TAPE	1/1/1992	210	3	DFM	TP	13	E12		120	21.38	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
0833-01	104	205164361	3.60	3.61	0.219	8.625	400	18.75	TAPE	1/1/1992	66	3	DFM	TP	13	E12		120	21.38	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
0833-01	106.2	205115081	4.32	4.70	0.219	8.625	400	18.75		1/1/1992	2006	3	DFM	TP	15	E14	E07	120	20.87	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/1/2014		
0833-01	106.43	205164354	4.79	4.87	0.219	8.625	400	18.75	TAPE	1/1/1992	432	3	DFM	TP	13	E14		120	25.91	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/18/2017		
0833-01	106.52	205148899	5.05	5.16	0.219	8.625	400	18.75	TAPE	1/1/1992	623	3	DFM	TP	18	E16	E09	120	17.85	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/1/2016		
0833-01	106.6	205115084	5.28	5.44	0.219	8.625	400	18.75		1/1/1992	870	3	DFM	TP	15	E14	E07	120	15.69	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/1/2014		
0833-01	107	205115135	5.44	5.52	0.156	6.625	400	20.22		1/1/1972	424	3	DFM	T	15	E14	E07	92	18.27	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	5/1/2014		
0833-01	107.4	205115138	5.54	5.56	0.156	6.625	400	24.27		1/1/1972	122	3	DFM	T	15	E14	E07	92	25.35	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	5/1/2014		
0833-01	107.52	205148900	5.16	5.28	0.219	8.625	400	18.75	TAPE	1/1/1992	602	3	DFM	TP	18	E16	E09	120	22.16	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/1/2016		
0833-01	108	205126509	5.56	5.64	0.219	8.625	400	18.75		3/28/1991	363	3	DFM	TP	15	E14	E07	120	17.85	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/1/2014		
0833-01	108.4	205126510	5.64	5.64	0.280	6.625	400	13.52	FBE	3/28/1991	1	3	DFM	TP	15	E14	E07	92	13.29	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/1/2014		
0833-01	108.5	205126508	5.64	5.65	0.322	8.625	400	15.31	FBE	11/30/2004	70	3	DFM	TP	11	E14	E07	120	13.48	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/1/2014		
0833-01	109	205126511	5.65	5.81	0.219	8.625	400	18.75		3/28/1991	870	3	DFM	TP	15	E14	E07	120	17.85	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/1/2014		
0833-01	110	205126518	5.81	5.81	0.322	8.625	400	15.31	FBE	11/30/2004	6	3	DFM	TP	11	E14	E07	120	13.48	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/1/2014		
0833-01	111	205126520	5.81	5.81	0.280	6.625	400	13.52	TAPE	11/30/2004	4	3	DFM	TP	11	E16	E09	92	13.29	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/1/2016		
0833-01	111.5	205126521	5.81	5.81	0.188	6.625	400	16.78	FBE	11/30/2004	4	3	DFM	TP	11	E16	E09	92	17.59	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/1/2016		
0833-01	112	205130275	5.81	5.90	0.156	6.625	400	20.22	TAPE	1/1/1998	456	3	DFM	T	18	E16	E09	92	17.83	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/1/2016		
0833-01	114	205130280	6.06	6.14	0.188	6.625	400	31.46		1/1/1930	436	3	DFM	T	18	E16	E09	92	28.86	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/1/2016			
0833-01	118	205127475	6.32	6.41	0.280	6.625	400	13.52	PC	8/27/1999	474	3	DFM	TP	18	E16	E09	92	11.16	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/1/2016		
0833-01	120	205126538	6.41	6.50	0.156	6.625	400	24.27		1/1/1972	453	3	DFM	T	18	E16	E09	92	19.61	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/1/2016		
0833-04	102	205126535	0.00	0.10	0.188	6.625	400	16.78		1/1/1969	543	3	DFM	TP	18	E16	E09	92	22.21	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/1/2016		
0833-04	103	205127503	0.10	0.11	0.188	6.625	400	16.78		1/1/1969	50	3	DFM	TP	18	E16	E09	92	22.21	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/1/2016		
0833-04	104	205127505	0.11	0.11	0.188	6.625	400	16.78	FBE	11/30/2004	1	3	DFM	TP	18	E16	E09	92	17.59	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/1/2016		
0833-04	105	205127507	0.11	0.11	0.322	8.625	400	15.31	FBE	11/30/2004	2	3	DFM	TP	18	E16	E09	120	13.48	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/1/2016		
0833-04	106	205127509	0.11	0.11	0.250	8.625	400	16.43	FBE	11/30/2004	2	3	DFM	TP	18	E16	E09	120	13.48	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/1/2016		
0833-04	107	205127512	0.11	0.18	0.188	8.625	400	17.65	FBE	11/30/2004	394	3	DFM	TP	18	E16	E09	120	15.69	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/1/2016		
0833-04	108	205148907	0.18	0.18	0.250	8.625	400	16.43																								

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN
1023-01	101	205121505	0.00	0.70	0.188	6.625	600	25.17	TAPE	1/1/1963	3686	3	DFM	T	A5	E12		113	26.94	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
1023-01	104	205076912	0.85	0.90	0.188	4.500	600	17.10	TAPE	1/1/1964	261	3	DFM	T	I3	E12		77	27.90	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
1023-01	110	205121507	0.90	1.18	0.188	6.625	600	25.17	TAPE	1/1/1963	1482	3	DFM	T	I6	E12		113	28.09	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
1023-01	113	205121509	1.18	1.40	0.188	6.625	600	25.17	TAPE	1/1/1963	1202	3	DFM	T	I5	E12		113	28.09	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
1023-01	114	205162465	1.40	1.44	0.188	6.625	600	25.17	TAPE	1/1/1963	201	3	DFM	T	I3	E12		113	28.09	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
1023-01	115	205121512	1.48	1.54	0.188	6.625	600	25.17	TAPE	1/1/1963	334	3	DFM	T	I5	E12		113	28.09	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
1023-01	117	205076911	1.54	1.66	0.156	6.625	600	30.33	TAPE	1/1/1974	615	3	DFM	T	I5	E12		113	28.94	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
1023-01	120	205121513	1.66	1.93	0.188	6.625	600	25.17	TAPE	1/1/1963	1438	3	DFM	T	I5	E12		113	28.89	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
1023-01	122	205164124	1.93	1.94	0.188	6.625	600	25.17	TAPE	1/1/1963	44	3	DFM	T	I3	E12		113	28.09	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
1023-01	123	205145813	2.23	2.25	0.188	6.625	600	25.17	TAPE	1/1/1963	126	3	DFM	T	I6	E12		113	28.09	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
1023-01	124	205121516	2.25	2.83	0.188	6.625	600	25.17	TAPE	1/1/1963	3061	3	DFM	T	I5	E12		113	28.62	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
1023-03	301	205076906	0.00	0.00	-0.141	3.500	600	-21.28		1/1/1974	2	3	DFM	TI	I9	E12		60	26.69	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012
1024-01	102	205115002	0.15	0.29	-0.156	6.625	-469	-28.45		1/1/1991	726	2	DFM	T	I5	E15	E08	100	18.18	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	10/20/2015
1027-01	108.3	205117334	4.74	5.60	0.281	12.750	-235	-12.69		1/1/1996	4581	3	DFM	T	I5	E14	E07	135	16.25	Yes	No	No	No	No	Yes	Yes	No	No	Yes	3/15/2014
1027-01	108.4	205117337	5.77	6.05	0.281	12.750	-235	-12.69		1/1/1997	1488	3	DFM	T	I5	E14	E07	136	17.34	Yes	No	No	No	No	Yes	Yes	No	No	Yes	3/15/2014
1029-01	210	205131828	1.38	1.48	0.188	3.500	600	15.96	HAA	1/1/1963	521	3	DFM	T	I5	E14	E07	60	23.37	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	2/19/2014
105A	105	205085299	38.00	38.97	0.250	20.000	150	21.43	HAA	1/1/1929	4	3	LT	T	B1	E15	E10	170	21.13	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	7/26/2015
105A	105.2	205147144	38.97	38.97	0.281	30.000	150	19.06	HAA	1/1/1961	2	3	LT	T	B1	E15	E10	255	12.65	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/26/2015
105A	106	205085300	38.97	39.00	0.313	30.000	150	17.14	HAA	1/1/1961	711	3	LT	T	B1	E12		255	18.36	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	107	205133505	40.67	41.00	0.313	30.000	150	17.14	HAA	1/1/1961	1772	3	LT	T	B1	E12		255	18.41	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	107	205133504	39.00	40.67	0.313	30.000	150	17.14	HAA	1/1/1961	8994	3	LT	T	B1	E12		255	24.35	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	107.3	205085292	41.00	41.01	0.375	30.000	150	10.00	TAPE	1/1/1986	7	3	LT	T	B1	E12		255	13.23	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	108	205135649	41.01	41.02	0.313	24.000	150	9.60	TAPE	1/1/1986	34	3	LT	T	B1	E12		204	12.91	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	108.2	205135650	41.02	41.66	0.313	24.000	150	9.60	TAPE	1/1/1986	4491	3	LT	T	B1	E12		204	19.03	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	108.5	205135644	41.66	42.00	0.313	24.000	150	9.60	TAPE	1/1/1986	759	3	LT	T	B1	E12		204	18.19	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	109	205085288	42.00	42.90	0.313	24.000	150	9.60	TAPE	1/1/1986	4768	3	LT	T	B1	E12		204	24.03	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	109.3	205135645	42.90	42.91	0.313	20.000	150	9.23	HAA	1/1/1963	13	3	LT	T	B1	E12		170	17.66	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	109.4	205135646	42.91	42.92	0.313	20.000	150	9.23	HAA	1/1/1963	13	3	LT	T	B1	E12		170	17.66	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	109.6	205085290	42.92	42.93	0.375	24.000	150	8.00	TAPE	1/1/1995	27	3	LT	T	B1	E12		204	14.24	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	110	205085291	42.93	43.41	0.375	24.000	150	8.00	TAPE	1/1/1995	2564	3	LT	T	B1	E12		204	19.24	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	110.3	205085271	43.41	43.42	0.375	18.000	150	7.62	TAPE	1/1/1995	34	3	LT	T	B1	E12		136	13.76	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	110.6	205085272	43.42	43.48	0.375	24.000	150	8.00	TAPE	1/1/1995	297	3	LT	T	B1	E12		204	14.24	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	110.9	205085273	43.48	43.51	0.375	24.000	150	8.00	TAPE	1/1/1995	17	3	LT	T	B1	E12		204	9.73	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	112	205096226	43.51	44.53	0.313	24.000	150	9.60	TAPE	1/1/1991	4705	3	LT	T	B1	E12		204	22.03	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	112.3	205136404	44.53	44.53	0.313	24.000	150	9.60	TAPE	1/1/1991	17	3	LT	T	B1	E12		204	13.69	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	112.7	205136405	44.53	44.56	0.313	24.000	150	9.60	TAPE	1/1/1991	170	3	LT	T	B1	E12		204	13.69	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	113	205096229	44.56	44.87	0.250	24.000	150	20.57	HAA	1/1/1949	1698	3	LT	T	B1	E15	E10	204	12.42	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/26/2015
105A	113.4	205096230	44.87	44.89	0.281	24.000	150	12.32	TAPE	1/13/1976	122	3	LT	T	A5	E15	E10	204	13.95	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015
105A	113.6	205120995	44.89	44.96	0.250	24.000	150	20.57	HAA	1/1/1949	385	3	LT	T	A5	E15	E10	204	12.42	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/26/2015
105A	114	205121007	44.96	44.96	0.312	24.000	150	9.62	FBE	6/3/2004	12	3	LT	T	B5	E15	E10	204	6.06	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015
105A	114.3	205121008	44.96	45.62	0.312	24.000	150	9.62	FBE	6/3/2004	3586	3	LT	T	B5	E12		204	7.43	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	114.5	205121006	45.62	45.63	0.312	24.000	150	9.62	FBE	6/3/2004	20	3	LT	T	B5	E12		204	7.43	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	114.7	205120994	45.63	45.82	0.250	24.000	150	20.57	HAA	1/1/1949	1024	3	LT	T	B5	E15	E10	204	8.75	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/26/2015
105A	114.9	205096170	45.82	45.85	0.375	24.000	150	8.00	TAPE	1/1/1986	153	3	LT	T	B5	E15	E10	204	8.96	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015
105A	115	205096171	45.85	46.30	0.250	24.000	150	20.57	HAA	1/1/1949	2360	3	LT	T	B5	E15	E10	204	12.92	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/26/2015
105A	116	205085304	46.30	46.46	0.375	24.000	150	8.00	TAPE	1/1/1985	817	3	LT	T	I5	E12		204	18.92	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	117	205085305	46.46	46.50	0.250	24.000	150	20.57	HAA	1/1/1949	1192	3	LT	T	B5	E15	E10	204	8.14	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	7/26/2015
105A	117.3	205136408	46.50	46.51	0.313	24.000	150	9.60	TAPE	1/1/1986	8	3	LT	T	B5	E12		204	13.91	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	117.7	205136409	46.51	46.52	0.313	24.0																								

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN
105A	125	205085279	49.01	49.34	0.250	24.000	150	20.57	HAA	1/1/1978	1754	3	LT	T	B5	E15	E10	204	8.86	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015
105A	126	205085280	49.34	49.44	0.375	24.000	150	10.43	HAA	1/1/1978	507	3	LT	T	B5	E12		204	13.23	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	126.3	205085281	49.44	49.44	0.250	24.000	150	20.57	HAA	1/1/1978	19	3	LT	T	B5	E15	E10	204	8.03	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015
105A	126.6	205085282	49.44	49.44	0.250	20.000	150	14.29	TAPE	1/1/1976	4	3	LT	T	B5	E15	E10	170	9.51	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015
105A	127	205085283	49.44	49.59	0.250	24.000	150	17.14	TAPE	1/1/1976	782	3	LT	T	B5	E12		204	15.23	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	128	205085284	49.59	50.00	0.313	24.000	150	9.60	TAPE	1/1/1988	2215	3	LT	T	B5	E12		204	13.91	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	129	205085285	50.00	50.48	0.313	24.000	150	9.60	TAPE	1/1/1988	2563	3	LT	T	B5	E12		204	14.74	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	129.3	205085286	50.48	50.49	0.375	24.000	150	8.00	TAPE	1/1/1988	32	3	LT	T	I5	E12		204	12.91	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	129.6	205085310	50.49	50.55	0.313	24.000	150	13.71	TAPE	1/1/1975	281	3	LT	T	I5	E12		204	14.23	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	129.9	205085311	50.55	50.55	0.250	20.000	150	14.29	TAPE	1/1/1975	2	3	LT	T	I5	E12		170	13.99	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	130.2	205136444	50.55	50.55	0.250	20.000	150	14.29	TAPE	1/1/1973	13	3	LT	T	I5	E12		170	13.99	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	130.4	205136445	50.55	50.55	0.250	20.000	150	14.29	TAPE	1/1/1973	9	3	LT	T	I5	E12		170	13.99	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	130.5	205085313	50.55	50.55	0.313	20.000	150	9.23	TAPE	1/1/1988	8	3	LT	T	I5	E12		170	12.69	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	130.8	205085314	50.55	50.60	0.313	24.000	150	9.60	TAPE	1/1/1988	233	3	LT	T	I5	E12		204	12.91	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	131.1	205085315	50.60	50.61	0.313	24.000	150	9.60	TAPE	1/1/1988	90	3	LT	T	I5	E12		204	12.91	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	132	205085287	50.61	51.00	0.313	24.000	150	9.60	TAPE	1/1/1988	2045	3	LT	T	B5	E12		204	13.91	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	133	205085316	51.00	51.58	0.313	24.000	150	9.60	TAPE	1/1/1988	3047	3	LT	T	B5	E12		204	19.75	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	133.3	205085317	51.58	51.58	0.313	24.000	150	9.60	TAPE	1/1/1988	45	3	LT	T	I5	E12		204	13.91	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	133.6	205085318	51.58	51.60	0.313	24.000	150	9.60	TAPE	1/1/1988	96	3	LT	T	I5	E12		204	14.74	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	133.9	205085319	51.60	51.62	0.313	24.000	150	9.60	TAPE	1/1/1988	120	3	LT	T	I5	E12		204	13.91	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	134.2	205085320	51.62	51.70	0.313	24.000	150	9.60	TAPE	1/1/1988	375	3	LT	T	I5	E12		204	14.74	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	134.5	205085321	51.70	51.70	0.313	24.000	150	9.60	TAPE	1/1/1988	40	3	LT	T	I5	E12		204	13.91	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	134.8	205085322	51.70	51.71	0.313	24.000	150	9.60	TAPE	1/1/1988	54	3	LT	T	I5	E12		204	13.91	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	135.1	205085323	51.71	51.73	0.313	24.000	150	9.60	TAPE	1/1/1988	65	3	LT	T	I5	E12		204	13.91	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	136	205136484	51.73	52.04	0.313	24.000	150	9.60	TAPE	1/1/1988	1669	3	LT	T	B5	E12		204	18.82	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A	137	205136485	52.04	52.04	0.313	24.000	150	9.60	TAPE	1/1/1988	4	3	LT	T	B5	E12		204	17.91	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A-1	100	205147145	0.00	0.00	0.281	30.000	150	19.06	HAA	1/1/1961	3	3	LT	T	B1	E12		255	16.93	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A-1	101	205085297	0.00	0.00	0.313	30.000	150	17.14	HAA	1/1/1961	18	3	LT	T	B1	E12		255	16.93	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A-1	102	205136341	0.00	0.01	0.281	20.000	150	12.71	HAA	1/1/1961	6	3	LT	T	B1	E12		170	16.23	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012
105A-1	103	205136340	0.01	0.01	0.281	20.000	150	12.71	HAA	1/1/1961	11	3	LT	T	B1	E12		170	16.23	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012
105B	101	205093892	0.00	0.01	0.313	24.000	405	29.91	HAA	1/1/1966	67	3	LT	T	B5	E15	E10	334	11.44	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015
105B	102	205154502	0.01	0.02	0.250	24.000	405	37.38	HAA	1/1/1966	43	3	LT	T	B5	E15	E10	334	12.38	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015
105B	102.05	205154503	0.02	0.43	0.250	24.000	405	37.38	HAA	1/1/1966	2188	3	LT	T	B5	I14	I07	334	18.26	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/1/2014
105B	102.1	205119141	0.43	0.50	0.250	24.000	405	37.38	HAA	1/1/1966	346	3	LT	T	A5	I14	I07	334	18.26	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/1/2014
105B	102.7	205142771	2.81	2.84	0.250	24.000	405	37.38	HAA	1/1/1966	198	1	LT	T	I5	I14	I07	334	4.91	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/1/2014
105B	102.9	205142773	2.84	3.16	0.250	24.000	405	37.38	HAA	1/1/1966	1655	3	LT	T	I5	I14	I07	334	11.15	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/1/2014
105B	103	205142774	3.16	3.23	0.250	24.000	405	37.38	HAA	1/1/1966	389	1	LT	T	I5	I14	I07	334	4.91	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/1/2014
105B	105.1	205119144	4.26	4.32	0.250	24.000	405	46.29	TAPE	1/1/1975	342	3	LT	T	A5	I14	I07	334	13.69	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/1/2014
105B	105.2	205115274	4.32	4.39	0.250	24.000	405	46.29	TAPE	1/1/1975	355	3	LT	T	A5	I14	I07	334	13.69	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/1/2014
105B	106	205093896	4.39	4.65	0.250	24.000	405	37.38	HAA	1/1/1966	1378	3	LT	T	B5	I14	I07	334	11.15	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/1/2014
105B	106.3	205093897	4.65	4.66	0.281	24.000	405	33.26	FBE	1/1/1975	45	3	LT	T	A5	I14	I07	334	11.15	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/1/2014
105B	107	205093898	4.66	4.88	0.250	24.000	405	37.38	HAA	1/1/1966	1189	3	LT	T	B5	I14	I07	334	11.38	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/1/2014
105B	108	205115275	4.88	5.19	0.250	24.000	405	37.38	HAA	1/1/1966	1621	3	LT	T	B5	I14	I07	334	11.15	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/1/2014
105B	108.1	205115277	5.19	5.30	0.250	24.000	405	37.38	HAA	1/1/1966	606	3	LT	T	I9	I14	I07	334	11.15	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/1/2014
105B	108.2	205115278	5.30	5.41	0.250	24.000	405	37.38	HAA	1/1/1966	567	3	LT	T	I5	I14	I07	334	16.48	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/1/2014
105B	108.3	205093878	5.41	5.41	0.313	24.000	405	25.92	COAL TAR	1/1/1995	15	3	LT	T	I5	I14	I07	334	10.08	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/1/2014
105B	108.6	205093879	5.41	5.50	0.375	24.000	405	21.60	COAL TAR	1/1/1995	475	3	LT	T	I5	I14	I07	334	10.08	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/1/2014
105B	108.9	205093880	5.50	5.50	0.313	24.000	405	25.92	COAL TAR	1/1/1995	15	3	LT	T	I5	I14	I07	334	10.08	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/1/2014
105B	110	205094773	5.50	5.88	0.250	24.000	405	37.38	HAA	1/1/1966	2064	3																		



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN		
105B	116.2	205093902	11.64	11.64	0.250	24.000	405	37.38	HAA	1/1/1966	6	3	LT	T	B5	I14	I07	334	16.48	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/1/2014		
105B	116.5	205093903	11.64	11.65	0.313	24.000	405	29.91	HAA	1/1/1966	58	3	LT	T	B5	I14	I07	334	16.01	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/1/2014		
105B	116.8	205093904	11.65	11.65	0.250	24.000	405	37.38	HAA	1/1/1966	6	3	LT	T	B5	I14	I07	334	16.48	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/1/2014		
105B	117.1	205093905	11.65	11.65	0.313	24.000	405	29.91	HAA	1/1/1966	1	3	LT	T	B5	I14	I07	334	16.01	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/1/2014		
105B	117.4	205093906	11.65	11.66	0.250	24.000	405	37.38	HAA	1/1/1966	6	3	LT	T	B5	I14	I07	334	16.48	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/1/2014		
105B	117.7	205093907	11.66	11.66	0.313	24.000	405	29.91	HAA	1/1/1966	4	3	LT	T	B5	I14	I07	334	16.01	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/1/2014		
105B	119	205093908	11.66	11.78	0.250	24.000	405	37.38	HAA	1/1/1966	673	3	LT	T	B5	I14	I07	334	13.12	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/1/2014		
105B	119.3	205093909	11.78	11.79	0.375	24.000	405	24.92	HAA	1/1/1966	9	3	LT	T	B5	I14	I07	334	12.65	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/1/2014		
105B	119.6	205093910	11.79	11.81	0.250	24.000	405	37.38	HAA	1/1/1966	115	3	LT	T	B5	I14	I07	334	13.12	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/1/2014		
105B	119.9	205093911	11.81	11.81	0.375	24.000	405	24.92	HAA	1/1/1966	13	3	LT	T	B5	S14	S07	334	19.34	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/14/2014		
105B-2	200	205085245	0.00	0.00	0.313	16.000	405	19.94	HAA	1/1/1956	19	3	LT	T	A5	E13	E07	223	11.04	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	2/17/2013		
105B-2	201	205093890	0.00	0.00	0.375	12.750	405	19.67	FBE	1/1/1995	3	3	LT	T	B5	E13	E07	178	9.09	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013		
105B-2	202	205093889	0.00	0.00	0.500	12.750	405	14.75	FBE	1/1/1995	3	3	LT	T	B5	E13	E07	178	9.09	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013		
105B-2	203	205093893	0.00	0.00	0.375	12.750	405	16.39	FBE	1/1/1995	5	3	LT	T	B5	E13	E07	178	9.09	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013		
105B-2	204	205093894	0.00	0.00	0.375	16.000	405	20.57	FBE	1/1/1995	3	3	LT	T	B5	E13	E07	223	9.55	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013		
105B-2	205	205093891	0.00	0.65	0.375	16.000	405	20.57	FBE	1/1/1995	3425	3	LT	T	B5	E13	E07	223	12.93	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013		
105C	101	205073333	0.00	0.14	0.313	24.000	150	16.46	HAA	1/1/1954	694	3	LT	T	I1	E13	E07	203	20.67	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	2/17/2013		
105C	102	205073334	0.14	0.32	0.250	24.000	150	17.14	HAA	1/1/1969	916	3	LT	T	A1	E13	E07	203	10.60	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013		
105C	103	205085270	0.32	1.76	0.313	24.000	150	16.46	HAA	1/1/1954	7585	3	LT	T	B1	E13	E07	203	16.16	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	2/17/2013		
105C	104	205085294	1.76	1.94	0.250	22.000	150	18.86	HAA	1/1/1954	917	3	LT	T	B1	E13	E07	186	12.90	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	2/17/2013		
105C	104.3	205085295	1.94	2.03	0.313	20.000	150	13.71	HAA	1/1/1954	503	3	LT	T	B1	E13	E07	170	12.79	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	2/17/2013		
105N	100.3	205098667	6.91	6.91	0.250	20.000	250	23.81	HAA	1/1/1975	2	3	LT	T	I1	E13	E07	219	15.81	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013	7/18/2014	
105N	101	205098656	6.91	7.57	0.344	34.000	250	23.76	HAA	1/1/1975	3490	3	LT	T	I1	E13	E07	372	17.01	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013	7/18/2014	
105N	102	205098659	7.57	7.69	0.406	24.000	250	12.32	TAPE	1/1/1984	642	3	LT	T	I1	E13	E07	263	17.34	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013	7/18/2014	
105N	102.3	205098494	7.69	7.75	0.500	24.000	250	11.54	TAPE	1/1/1980	320	3	LT	T	I1	E13	E07	263	17.84	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013	7/18/2014	
105N	102.6	205098495	7.75	7.77	0.500	24.000	250	11.54	TAPE	1/1/1982	80	3	LT	T	I1	E13	E07	263	16.48	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013	7/18/2014	
105N	102.9	205098496	7.77	7.81	0.250	24.000	250	23.08	TAPE	1/1/1980	285	3	LT	T	I1	E13	E07	263	18.21	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013	7/18/2014	
105N	103	205098655	7.81	8.11	0.406	24.000	250	12.32	TAPE	1/1/1984	1841	3	LT	T	I1	I12	E07	263	17.34	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013	7/18/2014	
105N	104	205098653	8.11	8.41	0.406	24.000	250	12.32	TAPE	1/1/1984	1841	3	LT	T	I1	I12	E07	263	17.34	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013	7/18/2014	
105N	105	205098651	8.41	9.00	0.250	24.000	250	23.08	TAPE	1/1/1980	4131	3	LT	T	I1	I12	E07	263	17.98	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013	7/18/2014	
105N	106	205098646	9.00	9.08	0.250	24.000	250	23.08	TAPE	1/1/1980	1268	3	LT	T	I1	I12	E07	263	18.84	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013	7/18/2014	
105N	107	205098654	9.08	9.23	0.313	24.000	250	16.00	TAPE	1/1/1993	808	3	LT	T	I1	I12	E07	263	14.12	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013	7/18/2014	
105N	108	205098486	9.23	9.38	0.250	24.000	250	23.08	TAPE	1/1/1980	782	3	LT	T	I1	I12	E07	263	17.98	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013	7/18/2014	
105N	108.3	205098487	9.38	9.40	0.313	24.000	250	18.46	TAPE	1/1/1980	111	3	LT	T	I1	I12	E07	263	18.47	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013	7/18/2014	
105N	109	205098488	9.40	10.00	0.250	24.000	250	23.08	TAPE	1/1/1980	3140	3	LT	T	I1	I12	E07	263	17.98	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013	7/18/2014	
105N	109.3	205098489	10.00	10.00	0.375	24.000	250	13.33	TAPE	1/1/1985	22	3	LT	T	I1	I12	E07	263	16.25	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013		
105N	109.6	205098490	10.00	10.03	0.250	24.000	250	23.08	TAPE	1/1/1980	133	3	LT	T	I1	I12	E07	263	17.98	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013		
105N	110	205098543	10.03	10.32	0.375	24.000	250	13.33	TAPE	1/1/1985	1540	3	LT	T	I1	I12	E07	263	16.48	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013		
105N	111.2	205098542	10.32	10.66	0.375	24.000	250	13.33	TAPE	1/1/1985	1750	3	LT	T	I1	I12	E07	263	17.34	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013		
105N	111.9	205098484	10.66	10.67	0.375	24.000	250	13.33	TAPE	1/1/1987	42	3	LT	T	B1	I12		263	21.98	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
105N	112	205098485	10.67	10.77	0.313	24.000	250	16.00	TAPE	1/1/1987	545	3	LT	T	B1	I12		263	21.98	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
105N	112.3	205080861	10.77	10.79	0.375	24.000	250	13.33	TAPE	1/1/1987	80	3	LT	T	B1	I12		263	21.98	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
105N	112.6	205080862	10.79	10.79	0.313	24.000	250	16.00	TAPE	1/1/1987	25	3	LT	T	B1	I12		263	21.98	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
105N	113	205080863	10.79	11.07	0.375	24.000	250	13.33	TAPE	1/1/1987	1493	3	LT	T	B1	I12		263	21.98	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
105N	114	205080904	11.07	11.86	0.375	24.000	250	15.38	HAA	1/1/1966	4394	3	LT	T	B1	I12		263	26.89	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
105N	115	205115881	11.86	12.00	0.250	24.000	250	23.08	TAPE	1/1/1981	855	3	LT	T	B1	I12		263	24.23	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
105N	117.1	205117959	12.17	12.45	0.3																											



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EO THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EO PLAN	IC PLAN	SCC PLAN	
105N	128	205101533	19.00	19.14	0.250	24.000	250	23.08	HAA	1/1/1969	652	3	LT	T	I1	I12		263	19.53	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/17/2012		
105N	129	205101543	19.14	20.47	0.313	24.000	250	16.00	TAPE	1/1/1988	5775	3	LT	T	I1	I12		263	15.90	Yes	No	No	No	No	Yes	Yes	No	Yes	12/17/2012		
105N	130	205101561	20.47	20.75	0.250	20.000	250	23.81	HAA	1/1/1964	1668	3	LT	T	I1	I12		219	17.21	Yes	No	No	No	No	Yes	Yes	No	Yes	12/17/2012		
105N	130.4	205101560	20.75	20.77	0.250	24.000	250	28.57	HAA	1/1/1964	109	3	LT	T	I1	I12		262	17.58	Yes	No	No	No	No	Yes	Yes	No	Yes	12/17/2012		
105N	131	205101554	20.77	21.00	0.375	24.000	250	13.33	TAPE	1/1/1986	1303	3	LT	T	I1	I12		263	17.34	Yes	No	No	No	No	Yes	Yes	No	Yes	12/17/2012		
105N	132	205101705	21.00	21.24	0.375	24.000	250	13.33	HAA	1/1/1986	1215	3	LT	T	I1	I12		263	15.27	Yes	No	No	No	No	Yes	Yes	No	Yes	12/17/2012		
105N	132.3	205101555	21.24	21.30	0.281	20.000	250	33.70	HAA	1/1/1964	307	3	LT	T	I1	I12		219	18.56	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/17/2012		
105N	133	205101556	21.30	21.70	0.250	24.000	250	23.08	HAA	1/1/1967	2249	3	LT	T	I1	I12		263	17.58	Yes	No	No	No	No	Yes	Yes	No	Yes	12/17/2012		
105N	134	205101557	21.70	22.11	0.313	24.000	250	16.00	TAPE	1/1/1988	2475	3	LT	T	I1	I12		263	15.90	Yes	No	No	No	No	Yes	Yes	No	Yes	12/17/2012		
105N	135	205101558	22.11	23.00	0.286	24.000	250	24.98	TAPE	1/1/1979	4722	3	LT	T	B1	I12		263	19.07	Yes	No	No	No	No	Yes	Yes	No	Yes	12/17/2012		
105N	135.3	205101690	23.00	23.03	0.286	24.000	250	24.98	TAPE	1/1/1979	174	3	LT	T	I1	I12		263	19.07	Yes	No	No	No	No	Yes	Yes	No	Yes	12/17/2012		
105N	135.6	205101688	23.03	23.04	0.375	24.000	250	13.33	TAPE	1/1/1985	39	3	LT	T	I1	I12	E07	263	12.09	Yes	No	No	No	No	Yes	Yes	No	Yes	2/17/2013		
105N	136	205101687	23.04	23.30	0.375	24.000	150	8.00	TAPE	1/1/1985	1349	3	LT	T	I1	I12	E07	204	16.75	Yes	No	No	No	No	Yes	Yes	No	Yes	2/17/2013		
105N	136.3	205101559	23.30	23.31	0.375	24.000	150	13.71	TAPE	1/1/1985	60	3	LT	T	I1	I12	E07	204	18.25	Yes	No	No	No	No	Yes	Yes	No	Yes	2/17/2013		
105N	136.6	205101681	23.31	23.35	0.375	24.000	150	8.00	TAPE	1/1/1985	244	3	LT	T	I1	I12	E07	204	16.75	Yes	No	No	No	No	Yes	Yes	No	Yes	2/17/2013		
105N	137	205101674	23.35	23.42	0.375	24.000	150	8.00	TAPE	1/1/1985	368	3	LT	T	I1	I12	E07	204	16.75	Yes	No	No	No	No	Yes	Yes	No	Yes	2/17/2013		
105N	138	205101675	23.42	23.68	0.250	24.000	150	13.85	TAPE	1/1/1982	1612	3	LT	T	I1	I12	E07	204	15.33	Yes	No	No	No	No	Yes	Yes	No	Yes	2/17/2013		
105N	139.6	205101570	23.81	23.82	0.250	20.000	150	17.14	HAA	1/1/1950	44	3	LT	T	I1	I12	E07	170	11.51	Yes	No	No	Yes	No	Yes	Yes	No	Yes	2/17/2013		
105N	139.9	205101673	23.82	23.82	0.313	20.000	150	11.43	FBE	1/1/1995	2	3	LT	T	I1	I12	E07	170	9.06	Yes	No	No	No	No	Yes	Yes	No	Yes	2/17/2013		
105N	140.2	205101571	23.82	23.83	0.375	20.000	150	7.69	FBE	1/1/1995	57	3	LT	T	I1	I12	E07	170	9.06	Yes	No	No	No	No	Yes	Yes	No	Yes	2/17/2013		
105N	140.5	205101572	23.83	23.83	0.313	20.000	150	11.43	FBE	1/1/1995	3	3	LT	T	I1	I12	E07	170	9.06	Yes	No	No	No	No	Yes	Yes	No	Yes	2/17/2013		
105N	140.8	205101575	23.83	23.92	0.250	20.000	150	17.14	HAA	1/1/1951	464	3	LT	T	I1	I12	E07	170	11.51	Yes	No	No	Yes	No	Yes	Yes	No	Yes	2/17/2013		
105N	141.1	205101576	23.92	24.00	0.313	24.000	150	9.60	TAPE	1/1/1988	424	3	LT	T	I1	I12	E07	204	11.74	Yes	No	No	No	No	Yes	Yes	No	Yes	2/17/2013		
105N	142	205101642	24.00	24.88	0.313	24.000	150	9.60	TAPE	1/1/1988	4826	3	LT	T	B1	I12	E07	204	12.58	Yes	No	No	No	No	Yes	Yes	No	Yes	2/17/2013		
105N	143	205101577	24.88	25.00	0.313	24.000	150	13.71	HAA	1/1/1967	618	3	LT	T	I1	I12	E07	204	11.04	Yes	No	No	No	No	Yes	Yes	No	Yes	2/17/2013		
105N	143.3	205101578	25.00	25.08	0.313	24.000	150	13.71	HAA	1/1/1967	422	3	LT	T	I1	I12	E07	204	11.04	Yes	No	No	No	No	Yes	Yes	No	Yes	2/17/2013		
105N	144	205101734	25.08	25.23	0.313	24.000	150	9.60	TAPE	1/1/1988	881	3	LT	T	I1	I12	E07	204	11.28	Yes	No	No	No	No	Yes	Yes	No	Yes	2/17/2013		
105N	144.6	205101720	25.23	25.23	0.375	24.000	150	8.00	TAPE	1/1/1988	6	3	LT	T	I1	E13	E07	204	11.28	Yes	No	No	No	No	Yes	Yes	No	Yes	2/17/2013		
105N	144.8	205101721	25.23	25.25	0.312	30.000	150	13.87	TAPE	1/1/1988	111	3	LT	T	I1	E13	E07	255	12.42	Yes	No	No	No	No	Yes	Yes	No	Yes	2/17/2013		
105N	144.9	205101718	25.25	25.26	0.375	30.000	150	17.14	HAA	1/1/1963	18	3	LT	T	I1	E13	E07	255	10.87	Yes	No	No	No	No	Yes	Yes	No	Yes	2/17/2013		
105N	145	205101731	25.26	25.35	0.313	24.000	150	9.60	TAPE	1/1/1988	492	3	LT	T	B1	E13	E07	204	9.02	Yes	No	No	No	No	Yes	Yes	No	Yes	2/17/2013		
105N	145.2	205101716	25.35	25.40	0.313	30.000	150	13.85	HAA	1/1/1969	243	3	LT	T	I1	E13	E07	254	9.01	Yes	No	No	No	No	Yes	Yes	No	Yes	2/17/2013		
105N	146	205101622	25.40	26.00	0.313	24.000	150	9.60	TAPE	1/1/1988	2516	3	LT	T	I1	E13	E07	203	9.02	Yes	No	No	No	No	Yes	Yes	No	Yes	2/17/2013		
105N	147	205101550	26.00	26.20	0.313	24.000	150	9.60	TAPE	1/1/1988	1067	3	LT	T	B1	E13	E07	203	11.28	Yes	No	No	No	No	Yes	Yes	No	Yes	2/17/2013		
105N	148	205101620	26.20	26.58	0.313	30.000	150	13.85	HAA	1/1/1968	2021	3	LT	T	B1	E13	E07	254	10.87	Yes	No	No	No	No	Yes	Yes	No	Yes	2/17/2013		
105N	149	205080956	26.58	26.76	0.313	24.000	150	9.60	TAPE	1/1/1988	920	3	LT	T	I1	E13	E07	203	16.28	Yes	No	No	No	No	Yes	Yes	No	Yes	2/17/2013		
105N	149.3	205080908	26.76	26.77	0.375	20.000	150	7.69	TAPE	1/1/1988	109	3	LT	T	I1	E13	E07	170	16.01	Yes	No	No	No	No	Yes	Yes	No	Yes	2/17/2013		
105N	149.6	205080909	26.77	26.81	0.313	24.000	150	9.60	TAPE	1/1/1988	83	3	LT	T	I1	E13	E07	203	11.28	Yes	No	No	No	No	Yes	Yes	No	Yes	2/17/2013		
105N	150	205080910	26.81	27.38	0.313	24.000	150	9.60	TAPE	1/1/1989	2960	3	LT	T	I1	E13	E07	203	9.89	Yes	No	No	No	No	Yes	Yes	No	Yes	2/17/2013		
105N	150.1	205115891	27.38	27.45	0.313	24.000	150	9.60	TAPE	1/1/1989	381	3	LT	T	B1	E13	E07	203	9.89	Yes	No	No	No	No	Yes	Yes	No	Yes	2/17/2013		
105N	150.2	205115892	27.45	27.59	0.313	24.000	150	9.60	TAPE	1/1/1989	701	3	LT	T	I15	E13	E07	203	9.89	Yes	No	No	No	No	Yes	Yes	No	Yes	2/17/2013		
105N	151	205115890	27.59	27.94	0.313	24.000	150	9.60	TAPE	1/1/1989	1863	3	LT	T	B1	E13	E07	203	10.72	Yes	No	No	No	No	Yes	Yes	No	Yes	2/17/2013		
105N	151.3	205073464	27.94	27.94	0.344	26.000	150	10.90	TAPE	1/1/1989	3	3	LT	T	I1	E13	E07	220	9.97	Yes	No	No	No	No	Yes	Yes	No	Yes	2/17/2013		
105N	151.6	205073465	27.94	28.00	0.281	26.000	150	13.35	HAA	1/1/1957	339	3	LT	T	I1	E13	E07	220	16.30	Yes	No	No	Yes	No	Yes	Yes	No	Yes	2/17/2013		
105N	152	205073456	28.00	28.13	0.281	26.000	150	13.35	HAA	1/1/1957	678	3	LT	T	I1	E13	E07	220	16.30	Yes	No	No	Yes	No	Yes	Yes	No	Yes	2/17/2013		
105N	152.3	205135407	28.13	28.13	0.281	24.000	150	12.32	HAA	1/1/1957	4	3	LT	T	I1	E13	E07	203	16.16	Yes	No	No	Yes	No	Yes	Yes	No	Yes	2/17/2013		
105N	152.6	205135408	28.13	28.13	0.281	24.000	150	12.32	HAA	1/1/1957	12	3	LT	T	I1	E13	E07	203	16.16	Yes	No	No	Yes	No	Yes	Yes	No	Yes	2/17/2013		
105N	153	205073458	28.13	28.64	0.344	34.000	150	14.26	HAA	1/1/1957	2681	3	LT	T	I1	E13	E07	288	17.71	Yes	No	No	Yes	No	Yes						

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HOA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN
105N	162.3	205073366	31.17	31.18	0.313	24.000	150	9.60	TAPE	1/1/1993	91	3	LT	T	I1	E13	E07	203	9.21	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N	162.6	205073367	31.18	31.19	0.375	16.000	150	7.62	TAPE	1/1/1993	140	3	LT	T	I1	E13	E07	136	8.90	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N	163	205073368	31.19	31.70	0.313	24.000	150	9.60	TAPE	1/1/1993	2653	3	LT	T	I1	E13	E07	203	6.06	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N	163.3	205073337	31.70	31.73	0.290	30.000	150	18.47	HAA	1/1/1969	144	3	LT	T	I1	E13	E07	254	16.86	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N	163.6	205073338	31.73	31.76	0.313	30.000	150	13.85	HAA	1/1/1967	133	3	LT	T	I1	E13	E07	254	17.31	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N	164	205073339	31.76	31.85	0.290	30.000	150	18.47	HAA	1/1/1969	816	3	LT	T	I1	E13	E07	254	16.86	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N	164.3	205073340	31.85	31.91	0.313	20.000	150	9.23	HAA	1/1/1963	72	3	LT	T	A1	E13	E07	170	10.86	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N	164.6	205073341	31.91	31.91	0.375	20.000	150	7.69	TAPE	1/1/1988	2	3	LT	T	A1	E13	E07	170	11.09	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N	165	205073342	31.91	32.00	0.313	24.000	150	9.60	TAPE	1/1/1988	952	3	LT	T	A1	E13	E07	203	11.28	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N	166	205135415	32.00	32.72	0.313	24.000	150	9.60	TAPE	1/1/1988	3814	3	LT	T	I1	E13	E07	203	11.28	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N	166.2	205135416	32.72	32.83	0.313	24.000	150	9.60	TAPE	1/1/1988	603	3	LT	T	I1	E13	E07	203	10.50	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N	166.3	205073344	32.83	32.83	0.313	30.000	150	13.85	TAPE	1/1/1988	2	3	LT	T	I1	E13	E07	254	10.76	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N	167	205073345	32.83	33.00	0.375	30.000	150	14.29	HAA	1/1/1972	843	3	LT	T	I1	E13	E07	254	16.06	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N	168	205073346	33.00	33.30	0.375	30.000	150	14.29	HAA	1/1/1972	1623	3	LT	T	I1	E13	E07	255	16.06	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N	168.3	205073347	33.30	33.34	0.250	20.000	150	17.14	HAA	1/1/1948	197	3	LT	T	I1	E13	E07	170	20.87	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N	168.6	205073348	33.34	33.37	0.250	20.000	150	17.14	HAA	1/1/1948	151	3	LT	T	I15	E13	E07	170	20.87	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N	169	205115893	33.37	33.58	0.250	24.000	150	12.00	TAPE	1/1/1982	1075	3	LT	T	I15	E13	E07	203	15.51	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N	169.5	205115894	33.58	33.80	0.250	24.000	150	12.00	TAPE	1/1/1982	1176	3	LT	T	I1	E13	E07	203	15.51	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N	170	205073350	33.80	33.90	0.250	24.000	150	17.14	HAA	1/1/1967	532	3	LT	T	I1	E13	E07	203	12.16	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N	171	205073351	33.90	34.00	0.250	24.000	150	12.00	TAPE	1/1/1982	544	3	LT	T	I1	E13	E07	203	16.28	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N	172	205073352	34.00	34.20	0.250	24.000	150	12.00	TAPE	1/1/1982	1141	3	LT	T	B1	E13	E07	203	11.74	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N	173	205136362	34.20	34.49	0.313	24.000	150	9.60	TAPE	1/1/1989	1695	3	LT	T	I1	E13	E07	203	7.20	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N	173.5	205136363	34.49	34.50	0.313	24.000	150	9.60	TAPE	1/1/1989	88	3	LT	T	I1	E13	E07	204	7.20	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N	174	205073335	34.50	35.01	0.313	30.000	150	13.85	HAA	1/1/1968	2782	4	LT	T	I1	E13	E07	255	17.84	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N	174.3	205073336	35.01	35.01	0.375	30.000	150	9.23	TAPE	1/1/1987	2	4	LT	T	I1	E13	E07	254	16.66	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N	175	205073354	35.01	36.01	0.313	24.000	150	9.60	TAPE	1/1/1987	5259	4	LT	T	B1	E13	E07	203	18.94	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N	175.2	205135397	36.01	36.02	0.313	24.000	150	9.60	TAPE	1/1/1987	48	3	LT	T	I1	E13	E07	203	16.25	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N	176.2	205135398	36.02	36.34	0.313	24.000	150	9.60	TAPE	1/1/1987	1718	3	LT	T	I1	E13	E07	203	16.25	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N-2	229.2	205101665	0.00	0.01	0.313	24.000	250	16.00	TAPE	1/1/1988	41	3	LT	T	I1	E13	E07	262	11.61	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N-2	229.3	205101644	0.01	0.01	0.375	22.000	250	20.95	TAPE	1/1/1988	6	3	LT	T	I1	E13	E07	241	11.85	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N-2	229.31	205101645	0.01	0.01	0.375	22.000	250	14.10	TAPE	1/1/1996	4	3	LT	T	I1	E13	E07	241	9.38	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N-2	229.32	205101649	0.01	0.01	0.375	16.000	250	12.70	TAPE	1/1/1996	9	3	LT	T	I1	E13	E07	175	9.08	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N-2	229.33	205101666	0.01	0.13	0.375	16.000	250	12.70	TAPE	1/1/1996	613	3	LT	T	I1	E13	E07	175	9.08	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N-2	229.34	205101665	0.13	0.13	0.375	22.000	250	14.10	TAPE	1/1/1996	4	3	LT	T	I1	E13	E07	241	9.38	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N-2	229.4	205101701	0.13	1.16	0.313	22.000	250	25.10	HAA	1/1/1963	5375	3	LT	T	I1	E13	E07	241	11.96	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N-2	229.5	205101662	1.16	1.29	0.375	24.000	250	20.00	HAA	1/1/1963	676	3	LT	T	I1	E13	E07	262	12.08	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N-2	229.6	205101664	1.29	1.29	0.313	22.000	250	25.10	HAA	1/1/1963	8	3	LT	T	I1	E13	E07	241	11.96	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N-2	229.7	205101663	1.29	1.29	0.313	20.000	250	19.02	HAA	1/1/1963	16	3	LT	T	I1	E13	E07	219	11.35	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N-3	102.5	205073438	0.00	0.00	0.365	10.750	150	6.31	TAPE	1/1/1993	2	3	LT	T	I1	E13	E07	91	16.73	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N-3	103	205073439	0.00	0.00	0.250	10.750	150	7.68	TAPE	1/1/1993	235	3	LT	T	I1	E13	E07	91	16.73	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N-3	104	205073440	0.00	0.00	0.365	10.750	150	6.31	TAPE	1/1/1993	2	3	LT	T	I1	E13	E07	91	12.01	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N-3	105	205073444	0.00	0.00	0.281	16.000	150	10.17	TAPE	1/1/1993	2	3	LT	T	I1	E13	E07	136	8.90	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N-3	106	205073447	0.00	0.00	0.365	16.000	150	-13.70	HAA	1/1/1939	172	3	LT	T	I1	E13	E07	136	24.70	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	2/17/2013
105N-3	107	205073445	0.00	0.00	0.281	16.000	150	10.17	TAPE	1/1/1993	2	3	LT	T	I1	E13	E07	136	8.90	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N-3	108	205073441	0.00	0.00	0.365	10.750	150	6.31	TAPE	1/1/1993	7	3	LT	T	I1	E13	E07	91	12.01	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N-3	109	205073442	0.00	0.00	0.250	10.750	150	7.68	TAPE	1/1/1993	140	3	LT	T	B1	E13	E07	91	12.01	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N-3	110	205073446	0.00	0.00	0.281	16.000	150	10.17	TAPE	1/1/1993	3	3	LT	T	B1	E13	E07	136	8.90	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N-3	111	205136360	0.00	0.00	0.312	16.000	150	7.40	TAPE	1/1/1989	633	3	LT	T	B1	E13	E07	136	10.14	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	2/17/2013
105N-3	112	205136361	0.00	0.00																										

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN
111A	146	205078994	27.53	27.53	0.203	8.625	400	30.35	HAA	1/1/1971	5	2	LT	T	I6	E11		120	30.89	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
111A	147	205118562	27.53	27.54	-0.141	8.625	-400	-50.98			32	2	LT	T	I8	E11		120	34.46	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/31/2011
111A-1	107.2	205151367	6.82	6.89	0.148	4.500	650	28.23	TAPE	1/1/1968	353	3	LT	T	I9	E14	E07	80	21.66	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	6/20/2014
111A-1	107.5	205123917	6.89	7.00	0.148	4.500	650	28.23	TAPE	1/1/1968	590	3	LT	T	I1	E14	E07	80	21.66	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	6/20/2014
111A-1	108.5	205123918	7.00	7.18	0.148	4.500	650	28.23	TAPE	1/1/1968	972	3	LT	T	I1	E14	E07	80	21.66	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	6/20/2014
118-1	100	205083696	0.00	0.01	0.280	6.625	400	13.52		1/1/1991	60	3	LT	T	I5	E14	E08	92	12.01	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	8/4/2014
118-1	101	205094280	0.01	0.03	0.141	8.625	400	34.95	XTRUPL	1/1/1970	99	3	LT	T	I5	E14	E08	120	19.45	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/4/2014
118-1	102	205094281	0.03	0.03	0.322	8.625	400	15.31		1/1/1972	6	3	LT	T	I5	E14	E08	120	14.10	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/4/2014
118A	101	205096240	0.00	0.18	0.203	8.625	400	25.29	HAA	1/1/1942	953	3	LT	T	I1	E14	E08	120	29.11	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014
118A	101.1	205096241	0.18	0.18	0.250	8.625	400	19.71	HAA	1/1/1931	5	3	LT	T	I1	E14	E08	120	21.83	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014
118A	101.3	205123904	0.18	0.20	0.250	8.625	400	19.71	HAA	1/1/1931	122	3	LT	T	I1	E14	E08	120	21.83	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014
118A	101.52	205135182	0.24	0.25	0.250	8.625	400	19.71	HAA	1/1/1931	51	3	LT	T	I6	E11		120	26.41	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/31/2011
118A	101.7	205123475	0.25	0.28	0.250	8.625	400	19.71	HAA	1/1/1931	253	3	LT	T	I1	E14	E08	120	21.83	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014
118A	101.9	205135170	0.28	0.32	0.250	8.625	400	19.71	HAA	1/1/1931	289	3	LT	T	I6	E11		120	26.41	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/31/2011
118A	102.3	205123478	0.40	0.76	0.250	8.625	400	19.71	HAA	1/1/1931	2494	3	LT	T	I1	E14	E08	120	21.83	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014
118A	102.5	205123479	0.76	0.79	0.188	8.625	400	21.85	HAA	1/1/1956	139	3	LT	T	I1	E14	E08	120	29.26	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	8/4/2014
118A	102.95	205145423	0.85	0.89	0.250	8.625	400	19.71	HAA	1/1/1931	170	3	LT	T	I2	E11		120	26.41	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/31/2011
118A	103	205123483	0.89	1.15	0.250	8.625	400	19.71	HAA	1/1/1931	1417	3	LT	T	I1	E14	E08	120	21.83	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014
118A	103.1	205123123	1.15	1.20	0.250	8.625	400	19.71	HAA	1/1/1931	239	3	LT	T	I15	E14	E08	120	21.83	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014
118A	103.22	205153385	2.01	2.02	0.250	8.625	400	19.71	HAA	1/1/1931	81	3	LT	T	I9	E11		120	22.10	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/31/2011
118A	103.25	205145419	2.02	2.14	0.250	8.625	400	19.71	HAA	1/1/1931	644	3	LT	T	I2	E11		120	22.10	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/31/2011
118A	103.27	205153386	2.14	2.19	0.250	8.625	400	19.71	HAA	1/1/1931	228	3	LT	T	I9	E11		120	22.10	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/31/2011
118A	103.3	205123486	2.75	2.84	0.250	8.625	400	19.71	HAA	1/1/1931	459	3	LT	T	I1	E14	E08	120	17.52	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014
118A	103.4	205118587	2.84	2.84	0.250	8.625	400	16.43	TAPE	2/15/2004	12	3	LT	T	I1	E14	E08	120	10.03	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/4/2014
118A	103.5	205123487	2.84	2.88	0.250	8.625	400	19.71	HAA	1/1/1931	196	3	LT	T	I1	E14	E08	120	17.52	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014
118A	104.3	205123490	3.76	3.77	0.250	8.625	400	19.71	HAA	1/1/1931	64	3	LT	T	I1	E14	E08	120	21.83	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014
118A	104.7	205096245	3.77	3.79	0.219	8.625	400	18.75	HAA	1/1/1974	104	3	LT	T	I1	E14	E08	120	20.87	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/4/2014
118A	104.9	205123491	3.79	3.85	0.250	8.625	400	19.71	HAA	1/1/1931	335	3	LT	T	I1	E14	E08	120	21.83	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014
118A	107.5	205130956	4.88	4.96	0.172	8.625	400	23.88	HAA	1/1/1978	483	2	LT	T	I7	E13		120	22.68	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	3/8/2013
118A	114.5	205123498	8.43	8.56	0.250	12.750	400	36.43	HAA	1/1/1931	737	3	LT	T	I1	E14	E08	177	19.85	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014
118A	115	205123499	8.56	8.64	0.250	12.750	400	36.43	HAA	1/1/1931	469	3	LT	T	I1	E14	E08	177	19.85	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014
118A	116.5	205145395	8.83	9.00	0.250	12.750	400	36.43	HAA	1/1/1931	912	2	LT	T	I2	E11		177	22.95	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/31/2011
118A	117	205145392	9.00	9.27	0.250	12.750	400	36.43	HAA	1/1/1931	1390	2	LT	T	I2	E11		177	22.13	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/31/2011
118A	117.05	205153566	9.27	9.43	0.250	12.750	400	36.43	HAA	1/1/1931	859	2	LT	T	I9	E11		177	22.95	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/31/2011
118A	119.7	205153553	10.97	11.00	0.250	12.750	400	36.43	HAA	1/1/1931	165	3	LT	T	I9	E15		177	28.71	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	9/14/2016
118A	120	205133379	11.00	11.01	0.250	12.750	400	36.43	HAA	1/1/1931	73	3	LT	T	I1	E14	E08	177	23.44	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014
118A	120.1	205133371	11.01	11.01	0.375	12.750	400	19.43	FBE	9/27/2006	14	3	LT	T	I9	E14	E08	177	13.54	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/4/2014
118A	120.2	205133372	11.01	11.13	0.281	12.750	400	17.45	FBE	9/27/2006	600	3	LT	T	I9	E14	E08	177	13.54	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/4/2014
118A	120.3	205133370	11.13	11.15	0.375	12.750	400	19.43	FBE	9/27/2006	14	3	LT	T	I9	E14	E08	177	13.54	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/4/2014
118A	120.4	205133378	11.15	11.23	0.250	12.750	400	36.43	HAA	1/1/1931	460	3	LT	T	I1	E14	E08	177	23.44	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014
118A	120.5	205133386	11.23	11.35	0.250	12.750	400	36.43	HAA	1/1/1931	616	3	LT	T	I5	E11		177	33.15	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/31/2011
118A	120.6	205133382	11.35	11.35	0.375	12.750	400	19.43	FBE	9/27/2006	10	3	LT	T	I9	E11		177	17.98	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011
118A	120.7	205133384	11.35	11.34	0.281	12.750	400	17.45	FBE	9/27/2006	116	3	LT	T	I9	E11		177	17.98	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011
118A	120.8	205133385	11.37	11.37	0.375	12.750	400	19.43	FBE	9/27/2006	11	3	LT	T	I9	E11		177	17.98	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011
118A	120.9	205133389	11.37	11.41	0.250	12.750	400	36.43	HAA	1/1/1931	206	3	LT	T	I5	E11		177	33.98	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/31/2011
118A	121	205130993	11.41	11.42	0.250	12.750	400	24.29	HAA	1/1/1959	69	3	LT	T	I5	E11		176	24.21	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118A	121.6	205153565	11.56	11.59	0.250	12.750	400	24.29	HAA	1/1/1959	183	3	LT	T	I9	E15		177	24.21	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/14/2016
118A	122	205096385	11.59	11.77	0.250	12.750	400	36.43	HAA	1/1/1931	968	3	LT	T	I9	E15		177	29.78	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	9/14/2016
118A	123	205153562	11.77	11.85	0.250	12.750	400	24.29	HAA	1/1/1959	454	3	LT	T	I9	E15		177	24.											

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EO THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EO PLAN	IC PLAN	SCC PLAN		
118A	153	205153586	23.36	23.46	0.250	8.625	400	19.71	HAA	1/1/1931	446	3	LT	T	I5	E11		120	27.37	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/31/2011		
118A	155	205096373	24.11	24.34	0.250	8.625	400	19.71	HAA	1/1/1931	1095	3	LT	T	I1	E14	E08	120	26.15	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014		
118A	156	205096374	24.34	24.45	0.322	8.625	400	15.31	FBE	1/1/1995	608	3	LT	T	I1	E14	E08	120	16.50	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/4/2014		
118A	157	205096376	24.45	24.55	0.250	8.625	400	19.71	HAA	1/1/1987	503	3	LT	T	I1	E14	E08	120	16.50	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/4/2014		
118A	157.5	205119093	24.55	24.74	0.250	8.625	400	19.71	HAA	1/1/1931	1057	3	LT	T	I1	E14	E08	120	21.83	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014		
118A	158.3	205119096	24.90	25.00	0.250	8.625	400	19.71	HAA	1/1/1931	571	3	LT	T	I1	E14	E08	120	21.83	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014		
118A	158.5	205096351	25.00	25.00	0.250	8.625	400	19.71	HAA	1/1/1931	9	3	LT	T	I1	E14	E08	120	21.83	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014		
118A	159	205096353	25.00	25.01	0.219	8.625	400	18.75	HAA	11/11/1974	58	3	LT	T	I1	E14	E08	120	20.87	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/4/2014		
118A	160	205096352	25.01	25.64	0.250	8.625	400	19.71	HAA	1/1/1931	3372	3	LT	T	I1	E14	E08	120	21.83	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014		
118A	160.1	205096350	25.64	25.65	0.322	8.625	400	15.31		11/13/1979	47	3	LT	T	I1	E14	E08	120	17.08	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/4/2014		
118A	160.3	205119091	25.65	26.36	0.250	8.625	400	19.71	HAA	1/1/1931	3717	3	LT	T	B1	E14	E08	120	17.72	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014		
118A	162.89	205128853	28.96	29.00	0.250	8.625	400	19.71	HAA	1/1/1931	235	3	LT	T	I8	E11		120	22.10	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/31/2011		
118A	163	205118674	29.00	29.14	0.250	8.625	400	19.71	HAA	1/1/1931	758	3	LT	T	I1	E14	E06	120	17.52	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014		
118A	163.5	205146165	29.14	29.34	0.250	8.625	400	19.71	HAA	1/1/1931	1035	3	LT	T	I2	E11		120	23.14	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/31/2011		
118A	164.3	205138224	29.57	29.60	0.250	8.625	400	19.71	HAA	1/1/1931	155	2	LT	T	I1	E14	E08	120	22.39	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014		
118A	164.4	205138225	29.60	29.64	0.250	8.625	400	19.71	HAA	1/1/1931	215	3	LT	T	I1	E14	E08	120	22.39	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014		
118A	164.5	205118678	29.64	29.77	0.250	8.625	400	19.71	HAA	1/1/1931	692	3	LT	T	I1	E14	E08	120	22.39	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014		
118A	180.5	205119084	40.71	41.00	0.250	8.625	400	19.71	HAA	1/1/1931	1787	3	LT	T	I1	E14	E08	120	17.52	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014		
118A	181	205119085	41.00	41.03	0.250	8.625	400	19.71	HAA	1/1/1931	157	3	LT	T	I1	E14	E08	120	17.52	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014		
118A	182.7	205119090	41.84	42.27	0.250	8.625	400	19.71	HAA	1/1/1931	1323	1	LT	T	I1	E14	E08	120	21.83	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014		
118A	197.3	205121182	56.10	56.27	0.250	8.625	400	19.71	HAA	1/1/1931	865	3	LT	T	I5	E14	E08	120	22.13	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014		
118A	198.28	205121189	57.56	57.60	0.250	8.625	400	19.71	HAA	1/1/1931	239	3	LT	T	I5	E14	E08	120	22.13	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014		
118A	198.3	205096391	57.60	57.61	0.322	8.625	400	15.31	TAPE	1/1/1978	54	3	LT	T	I5	E14	E08	120	17.67	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/4/2014		
118A	199	205096392	57.61	57.72	0.250	8.625	400	19.71	HAA	1/1/1931	567	3	LT	T	I5	E14	E08	120	22.13	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014		
118A	199.3	205096393	57.72	57.76	0.322	8.625	400	15.31	TAPE	1/1/1978	201	3	LT	T	I5	E14	E08	120	13.35	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/4/2014		
118A	200	205096394	57.76	57.89	0.250	8.625	400	19.71	HAA	1/1/1931	687	3	LT	T	I5	E14	E08	120	18.61	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014		
118A	200.1	205096315	57.89	57.99	0.188	8.625	400	21.85	TAPE	3/26/1997	513	3	LT	T	I5	E14	E08	120	14.63	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/4/2014		
118A	200.2	205096316	57.99	58.21	0.250	8.625	400	19.71	HAA	1/1/1931	1173	3	LT	T	I5	E14	E08	120	18.61	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014		
118A	201.6	205121191	58.40	58.48	0.250	8.625	400	19.71	HAA	1/1/1931	431	3	LT	T	I5	E14	E08	120	17.52	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014		
118A	202	205096296	58.48	58.74	0.188	8.625	400	21.85	HAA	1/1/1963	1331	3	LT	T	I5	E14	E08	120	19.88	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	8/4/2014		
118A	203	205096297	58.74	59.80	0.250	8.625	400	19.71	HAA	1/1/1933	5654	3	LT	T	I5	E14	E08	120	18.61	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014		
118A	204	205096289	59.80	59.94	0.219	8.625	400	22.50	HAA	1/1/1938	720	3	LT	T	I5	E14	E08	120	22.63	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014		
118A	204.3	205096290	59.94	60.00	0.219	8.625	400	22.50	HAA	1/1/1958	336	3	LT	T	I5	E14	E08	120	19.16	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	8/4/2014		
118A	204.6	205096291	60.00	60.05	0.219	8.625	400	22.50	HAA	1/1/1958	280	3	LT	T	B5	E14	E08	120	19.16	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	8/4/2014		
118A	205	205121192	60.05	60.10	0.250	8.625	400	19.71	HAA	1/1/1934	270	3	LT	T	A5	E14	E08	120	17.81	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014		
118A	205.1	205147901	60.10	60.15	0.250	8.625	400	19.71	HAA	1/1/1934	220	3	LT	T	I9	E11		120	23.14	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/31/2011		
118A	206.6	205121195	60.29	60.33	0.219	8.625	400	22.50	HAA	1/1/1938	282	3	LT	T	I5	E14	E08	120	22.63	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014		
118A	207	205121196	60.33	60.38	0.188	8.625	400	26.22	HAA	1/1/1939	274	3	LT	T	I5	E14	E08	120	22.63	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014		
118A	207.1	205121197	60.38	60.45	0.188	8.625	400	26.22	HAA	1/1/1939	372	3	LT	T	I6	E11		120	27.96	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/31/2011		
118A	210.05	205121200	60.78	60.95	0.219	8.625	400	22.50	HAA	1/1/1938	912	3	LT	T	I5	E14	E08	120	24.39	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014		
118A	218.2	205121203	65.14	65.53	0.219	8.625	400	22.50	HAA	1/1/1938	2240	3	LT	T	I5	E14	E08	120	22.23	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014		
118A	218.3	205095983	65.53	65.54	0.219	8.625	400	18.75		1/1/1986	50	3	LT	T	I5	E14	E08	120	16.55	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/4/2014		
118A	218.6	205095984	65.54	65.57	0.188	8.625	400	21.85	HAA	1/1/1956	203	3	LT	T	I5	E14	E08	120	24.79	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	8/4/2014		
118A	218.9	205095985	65.57	65.58	0.188	8.625	400	21.85		1/1/1986	50	3	LT	T	I5	E14	E08	120	16.80	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/4/2014		
118A	219.2	205095986	65.58	65.65	0.219	8.625	400	22.50	HAA	1/1/1938	312	3	LT	T	I5	E14	E08	120	22.23	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/4/2014		
118A	220	205095987	65.65	66.07	0.172	8.625	400	23.88	HAA	1/1/1977	2365	3	LT	T	I5	E14	E08	120	16.79	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/4/2014		
118A	220.3	205095967	66.07	66.14	0.219	8.625	400	22.50	HAA	1/1/1938	405	3	LT	T	I5	E14	E08	120	22.23	Yes	No	No	Yes	Yes	Yes	Yes						



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN
118A	235.6	205082582	75.35	75.35	0.375	12.750	400	19.43	FBE	1/1/1993	13	3	LT	T	I3	E14		177	9.09	Yes	No	No	No	No	Yes	Yes	No	No	Yes	11/9/2017
118A	236	205162477	74.89	74.90	0.219	8.625	400	18.75	FBE	1/1/1993	75	3	LT	T	I3	E14		120	16.55	Yes	No	No	No	No	Yes	Yes	No	No	Yes	11/9/2017
118A	236.1	205121222	75.23	75.36	0.219	8.625	400	18.75	FBE	1/1/1993	698	3	LT	T	I5	E14	E08	120	16.55	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/4/2014
118A	238.9	205135110	77.99	78.00	0.188	6.625	400	20.14	HAA	1/1/1953	74	3	LT	T	I9	E11		92	26.53	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118A	239	205135111	78.00	78.14	0.188	6.625	400	20.14	HAA	1/1/1953	675	3	LT	T	I9	E11		92	26.53	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118A	247.7	205121225	83.55	83.69	0.250	10.750	400	20.48	FBE	8/28/2001	723	3	LT	T	I5	E14	E08	149	12.62	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/4/2014
118A	253.2	205139673	83.72	83.73	0.500	16.000	890	40.69	TAPE	11/19/2007	28	3	LT	T	I2	E11		330	14.73	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011
118A	253.3	205140106	83.73	83.73	0.500	24.000	-890	-35.60		11/19/2007	4	3	LT	T	I2	E11		495	13.71	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011
118A-1	101.2	205145374	0.12	0.19	0.188	6.625	400	20.14	HAA	1/1/1966	354	3	LT	T	I2	E11		92	25.90	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011
118A-1	104.5	205145378	1.27	1.39	0.188	6.625	400	20.14	HAA	1/1/1966	620	3	LT	T	I2	E11		92	25.90	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011
118A-2	228.1	205145917	0.00	0.17	0.219	8.625	400	22.50	HAA	1/1/1938	897	3	LT	T	I6	E15		120	26.91	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	4/5/2016
118B	101	205140215	0.00	0.08	0.250	12.750	400	24.29	HAA	1/1/1962	452	2	LT	T	I1	E11		177	16.38	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118B	101.5	205140216	0.08	0.29	0.250	12.750	400	24.29	HAA	1/1/1962	1150	3	LT	T	I1	E11		177	15.15	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118B	102	205086135	0.29	0.45	0.500	12.750	400	12.14	SOMA	1/1/1962	817	3	LT	T	I1	E11		177	16.88	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118B	107	205149864	2.26	2.47	0.281	12.750	400	21.61	HAA	1/1/1953	1106	3	LT	T	I1	E11		177	26.84	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118B	107.2	205149865	2.47	2.52	0.281	12.750	400	21.61	HAA	1/1/1953	255	2	LT	T	I1	E11		177	26.84	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118B	107.8	205118639	3.58	3.64	0.281	12.750	400	21.61	HAA	1/1/1953	311	3	LT	T	I1	E11		177	22.39	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118B	108	205118640	3.64	3.78	0.281	12.750	400	21.61	HAA	1/1/1953	819	3	LT	T	I1	E11		177	22.39	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118B	111.27	205128840	4.75	4.98	0.281	12.750	400	21.61	HAA	1/1/1953	1205	3	LT	T	I8	E11		177	22.39	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118B	116	205138220	7.86	7.89	0.281	12.750	400	21.61	HAA	1/1/1956	137	1	LT	T	I1	E11		177	18.00	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118B	116.5	205138221	7.89	8.00	0.281	12.750	400	21.61	HAA	1/1/1956	607	3	LT	T	I1	E11		177	18.00	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118B	117	205118646	8.00	8.22	0.281	12.750	400	21.61	HAA	1/1/1956	1199	3	LT	T	I1	E11		177	18.00	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118B	117.5	205146171	8.22	8.28	0.281	12.750	400	21.61	HAA	1/1/1956	299	3	LT	T	I2	E11		177	18.00	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118B	119.73	205128865	9.65	9.94	0.281	12.750	400	21.61	HAA	1/1/1956	1628	3	LT	T	I8	E11		177	18.00	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118B	120	205128866	9.94	9.99	0.281	12.750	400	21.61	HAA	1/1/1956	262	3	LT	T	I8	E11		177	18.00	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118B	120.1	205118649	10.28	10.45	0.281	12.750	400	21.61	HAA	1/1/1956	887	3	LT	T	I1	E11		177	18.83	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118B	120.2	205086080	10.45	10.46	0.281	12.750	400	21.61	HAA	1/1/1974	18	3	LT	T	I1	E11		177	14.16	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011
118B	120.4	205086081	10.46	10.47	0.281	12.750	400	21.61	HAA	1/1/1956	52	3	LT	T	I1	E11		177	18.00	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118B	120.6	205086083	10.47	10.47	0.288	12.750	400	21.08	TAPE	1/1/1999	20	3	LT	T	I1	E11		177	10.91	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011
118B	120.8	205086084	10.47	10.50	0.281	12.750	400	21.61	HAA	1/1/1956	137	3	LT	T	I1	E11		177	18.00	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118B	121	205118650	10.50	10.58	0.281	12.750	400	21.61	TAPE	1/1/1990	421	3	LT	T	I1	E11		177	14.23	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011
118B	121.94	205128871	10.89	10.94	0.281	12.750	400	21.61	HAA	1/1/1956	304	3	LT	T	I8	E11		177	18.77	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118B	122	205118653	10.94	11.34	0.281	12.750	400	21.61	HAA	1/1/1956	2131	3	LT	T	I1	E11		177	18.99	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118B	123	205118654	11.34	11.43	0.281	12.750	400	21.61	HAA	1/1/1956	473	3	LT	T	I1	E11		177	18.99	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118B	123.5	205118656	11.43	11.65	0.281	12.750	400	21.61	HAA	1/1/1956	1204	3	LT	T	I8	E11		177	18.77	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118B	124	205118657	11.65	11.71	0.281	12.750	400	21.61	HAA	1/1/1956	299	3	LT	T	I1	E11		177	18.77	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118B	124.5	205118658	11.71	12.07	0.281	12.750	400	21.61	HAA	1/1/1956	1912	3	LT	T	I1	E11		177	18.99	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118B	125	205118661	12.46	12.84	0.281	12.750	400	21.61	HAA	1/1/1956	2003	3	LT	T	I1	E11		177	18.99	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118B	125.5	205118662	12.84	12.98	0.219	12.750	400	27.72	HAA	8/19/1982	739	3	LT	T	I1	E11		177	18.34	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011
118B	125.7	205146169	12.98	12.99	0.219	12.750	400	27.72	HAA	8/19/1982	74	3	LT	T	I2	E11		177	18.34	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011
118B	126.3	205118693	13.49	13.61	0.281	12.750	400	21.61	HAA	1/1/1956	679	3	LT	T	I5	E11		177	18.99	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118B	126.5	205118666	13.61	13.96	0.281	12.750	400	21.61	HAA	1/1/1956	1897	3	LT	T	I1	E11		177	18.99	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118B	126.8	205118667	13.96	14.04	0.281	12.750	400	21.61	HAA	1/1/1956	406	3	LT	T	I5	E11		177	23.44	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118B	127	205153984	14.04	14.10	0.281	12.750	400	21.61	TAPE	1/1/1990	341	3	LT	T	I5	E11		177	18.89	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011
118B	129.7	205162335	15.71	15.85	0.281	12.750	400	21.61	HAA	1/1/1956	770	2	LT	T	I9	E11		177	23.00	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118B	129.8	205118669	15.85	16.00	0.281	12.750	400	21.61	HAA	1/1/1956	785	3	LT	T	I1	E11		177	22.45	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118B	130	205100762	16.00	16.38	0.281	12.750	400	21.61	HAA	1/1/1956	2019	3	LT	T	I1	E11		177	23.00	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118B	132.88	205128855	17.02	17.09	0.281	12.750	400	21.61	HAA	1/1/1954	384	3	LT	T	I8	E11		177	22.39	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
118B	133	205118672	17.09	17.27	0.281	12.750	400	21.61	HAA	1/1/1954	946	3	LT	T	I1	E11		177												



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	FO PLAN	IC PLAN	SCC PLAN		
118G	104.5	205147919	0.67	0.96	0.312	16.000	400	19.72	FBE	1/8/2009	1488	3	LT	T	I6	E15		222	11.57	Yes	No	No	No	No	Yes	Yes	No	No	Yes	5/19/2016		
118G	105	205147011	0.96	0.96	0.312	16.000	400	19.72	FBE	1/8/2009	19	3	LT	T	I6	E15		222	7.02	Yes	No	No	No	No	Yes	Yes	No	No	Yes	5/19/2016		
118G	106	205147013	0.96	1.05	0.312	16.000	400	19.72	FBE	1/8/2009	493	3	LT	T	I6	E15		222	9.30	Yes	No	No	No	No	Yes	Yes	No	No	Yes	5/19/2016		
118G	107	205147015	1.05	1.06	0.312	16.000	400	19.72	FBE	1/8/2009	23	3	LT	T	I6	E15		222	7.02	Yes	No	No	No	No	Yes	Yes	No	No	Yes	5/19/2016		
118G	108	205147017	1.06	1.51	0.312	16.000	400	19.72	FBE	1/8/2009	2383	3	LT	T	I6	E15		222	7.02	Yes	No	No	No	No	Yes	Yes	No	No	Yes	5/19/2016		
118G	109	205147019	1.51	1.61	0.375	16.000	400	24.38	PC	1/8/2009	510	3	LT	T	I6	E15		222	7.27	Yes	No	No	No	No	Yes	Yes	No	No	Yes	5/19/2016		
118G	110	205147021	1.61	1.67	0.312	16.000	400	19.72	FBE	1/8/2009	358	3	LT	T	I6	E15		222	9.30	Yes	No	No	No	No	Yes	Yes	No	No	Yes	5/19/2016		
118G	111	205147023	1.67	1.79	0.312	16.000	400	19.72	FBE	1/8/2009	600	3	LT	T	I6	E15		222	7.02	Yes	No	No	No	No	Yes	Yes	No	No	Yes	5/19/2016		
118G	112	205147025	1.79	2.23	0.312	16.000	400	19.72	FBE	1/8/2009	2309	3	LT	T	I6	E15		222	7.02	Yes	No	No	No	No	Yes	Yes	No	No	Yes	5/19/2016		
118G	113	205147027	2.23	2.32	0.312	16.000	400	19.72	FBE	1/8/2009	492	3	LT	T	I6	E15		222	7.02	Yes	No	No	No	No	Yes	Yes	No	No	Yes	5/19/2016		
118G	114	205147029	2.32	2.35	0.375	16.000	400	24.38	PC	1/8/2009	136	3	LT	T	I6	E15		222	7.27	Yes	No	No	No	No	Yes	Yes	No	No	Yes	5/19/2016		
118G	115	205147031	2.35	2.39	0.312	16.000	400	19.72	FBE	1/8/2009	223	3	LT	T	I6	E15		222	7.02	Yes	No	No	No	No	Yes	Yes	No	No	Yes	5/19/2016		
118G	116	205147033	2.39	2.67	0.312	16.000	400	19.72	FBE	1/8/2009	1469	3	LT	T	I6	E15		222	7.02	Yes	No	No	No	No	Yes	Yes	No	No	Yes	5/19/2016		
118G	117	205147035	2.67	2.68	0.375	16.000	400	24.38	PC	1/8/2009	53	3	LT	T	I6	E15		222	9.55	Yes	No	No	No	No	Yes	Yes	No	No	Yes	5/19/2016		
118G	118	205147037	2.68	2.80	0.375	16.000	400	24.38	PC	1/8/2009	675	3	LT	T	I6	E15		222	7.27	Yes	No	No	No	No	Yes	Yes	No	No	Yes	5/19/2016		
118G	119	205147039	2.80	2.93	0.312	16.000	400	19.72	FBE	1/8/2009	684	3	LT	T	I6	E15		222	7.02	Yes	No	No	No	No	Yes	Yes	No	No	Yes	5/19/2016		
118G	120	205147924	2.93	3.08	0.375	16.000	400	24.38	PC	1/8/2009	750	3	LT	T	I6	E15		222	7.27	Yes	No	No	No	No	Yes	Yes	No	No	Yes	5/19/2016		
118G	120.5	205151945	3.08	3.15	0.375	16.000	400	24.38	PC	1/8/2009	347	3	LT	T	I9	E15		222	7.27	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/11/2016		
119A	101	205131950	0.00	0.38	0.313	12.750	792	46.16	HAA	12/12/1949	2002	3	LT	T	I1	E14	E07	248	19.77	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	1/31/2014		
119A	101.3	205095796	0.38	0.40	0.375	12.750	792	38.47	TAPE	1/1/1991	113	3	LT	T	I1	E14	E07	249	11.16	Yes	No	No	No	No	Yes	Yes	No	No	Yes	1/31/2014		
119A	102	205120871	0.40	1.48	0.313	12.750	792	46.16	HAA	12/12/1949	5700	3	LT	T	I1	E14	E07	249	16.55	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	1/31/2014		
119A	102.5	205169394	1.79	2.04	0.313	12.750	792	46.16	HAA	12/12/1949	1281	3	LT	T	I6	E14		249	25.46	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	3/3/2017		
119A	111	205120859	8.84	9.67	0.313	12.750	720	41.97	HAA	1/1/1950	4379	3	LT	T	I1	E15	E10	237	17.30	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015		
119A	111.2	205078933	9.67	9.68	0.313	12.750	720	41.97	TAPE	1/18/2001	5	3	LT	T	I1	E15	E10	237	9.11	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
119A	111.3	205078934	9.68	9.68	0.313	12.750	720	41.97	HAA	1/1/1950	5	3	LT	T	I1	E15	E10	237	12.72	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015		
119A	111.4	205078928	9.68	9.68	0.313	12.750	720	41.97		1/1/1957	16	3	LT	T	I1	E15	E10	237	16.93	Yes	No	No	Yes	No	Yes	Yes	No	Yes	4/6/2015			
119A	111.5	205078935	9.68	9.69	0.313	12.750	720	41.97	HAA	1/1/1950	9	3	LT	T	I1	E15	E10	237	12.72	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015		
119A	111.6	205078940	9.69	9.69	0.375	12.750	720	34.97	TAPE	1/18/2001	4	3	LT	T	I1	E15	E10	237	7.43	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
119A	112.5	205078921	9.69	9.69	0.375	12.750	720	34.97	TAPE	1/1/1984	13	3	LT	T	I1	E15	E10	237	8.68	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
119A	112.9	205078923	9.69	10.00	0.375	20.000	720	36.92	TAPE	1/1/1984	1687	3	LT	T	I1	E15	E10	371	10.16	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
119A	113.3	205078628	10.00	11.00	0.375	20.000	720	36.92	TAPE	1/1/1984	5262	3	LT	T	I1	E15	E10	371	9.01	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
119A	113.8	205133642	11.00	11.01	0.375	20.000	720	36.92	TAPE	1/1/1984	53	3	LT	T	I1	E15	E10	371	8.41	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
119A	113.81	205133643	11.01	11.01	0.375	20.000	720	32.00	TAPE	8/23/2006	10	3	LT	T	I1	E15	E10	371	8.28	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
119A	113.82	205133641	11.01	11.13	0.375	20.000	720	36.92	TAPE	1/1/1984	914	3	LT	T	I1	E15	E10	371	8.41	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
119A	114.1	205078760	11.13	11.13	0.375	12.750	720	34.97	TAPE	1/1/1984	8	3	LT	T	I1	E15	E10	237	7.89	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
119A	114.2	205078763	11.13	11.13	0.313	12.750	720	41.97	TAPE	1/18/2001	6	3	LT	T	I1	E15	E10	237	8.90	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
119A	114.3	205078759	11.13	11.14	0.313	12.750	720	41.97	HAA	1/1/1950	9	3	LT	T	I1	E15	E10	237	11.93	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015		
119A	114.4	205078636	11.14	11.17	0.344	10.750	720	32.14	HAA	1/1/1950	182	3	LT	T	I9	E12		200	19.71	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
119A	119.22	205136197	11.76	11.90	0.313	16.000	720	35.45	HAA	1/1/1967	749	3	LT	T	A9	E12		297	15.94	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
119A	121.2	205078721	11.90	11.90	0.375	16.000	720	36.57	TAPE	1/1/1998	10	3	LT	T	A9	E12		297	13.42	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
119A	121.3	205078723	11.90	11.90	0.375	16.000	720	36.57	TAPE	1/18/2001	2	3	LT	T	A9	E12		297	13.10	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
119A	121.4	205078722	11.90	11.91	0.375	16.000	720	36.57	TAPE	1/1/1998	6	3	LT	T	A9	E12		297	13.42	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
119A	121.5	205078969	11.91	11.91	0.312	20.000	720	38.46	TAPE	1/1/1998	7	3	LT	T	A1	E15	E10	371	7.92	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
119A	121.6	205091133	11.91	12.15	0.312	20.000	720	38.46	TAPE	1/1/1998	1970	3	LT	T	A1	E15	E10	371	7.92	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
119A	121.7	205091117	12.15	12.15	0.312	20.000	720	38.46	TAPE	1/1/1998	14	3	LT	T	A1	E15	E10	371	7.92	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
119A	121.8	205159047	12.15	12.19	0.312	20.000	720	38.46	TAPE	1/1/1998	179	3	LT	T	A1	E15	E10	371	7.92	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
119A	121.85	205159048	12.19	12.78	0.312	20.000	720	38.46	TAPE	1/1/1998	3027	3	LT	T	A1	E15	E10	371	7.92	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
119A	121.9	205078873	12.78	12.78	0.312	20.0																										

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN	
119A	127	205090642	14.42	14.48	0.375	20.000	720	32.00	PC	11/12/2002	306	3	LT	T	I1	E15	E10	371	5.48	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015	
119A	128	205090644	14.48	15.45	0.312	20.000	720	38.46	FBE	11/12/2002	5266	3	LT	T	I1	E15	E10	371	5.48	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015	
119A	129	205090650	15.45	15.90	0.312	20.000	720	38.46	FBE	11/12/2002	2565	3	LT	T	I1	E15	E10	371	5.48	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015	
119A	129.5	205090654	15.90	15.91	0.312	20.000	720	38.46	FBE	11/12/2002	51	3	LT	T	I1	E15	E10	371	5.48	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015	
119A	130	205159037	15.91	15.94	0.312	20.000	720	38.46	FBE	11/12/2002	176	3	LT	T	I1	E15	E10	371	5.48	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015	
119A	130.5	205159038	15.94	16.06	0.312	20.000	720	38.46	FBE	11/12/2002	635	3	LT	T	I1	E15	E10	371	5.48	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015	
119A	131	205090661	16.06	16.26	0.312	20.000	720	38.46	FBE	11/12/2002	1058	3	LT	T	I1	E15	E10	371	5.48	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015	
119A	132	205159051	16.26	16.30	0.375	20.000	720	32.00	PC	11/12/2002	182	3	LT	T	I1	E15	E10	371	5.48	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015	
119A	132.1	205159052	16.30	16.41	0.375	20.000	720	32.00	PC	11/12/2002	497	3	LT	T	I1	E15	E10	371	7.92	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015	
119A	132.2	205159046	16.38	16.41	0.375	20.000	720	32.00	PC	11/12/2002	154	3	LT	T	I1	S14	S08	371	7.92	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/14/2014	
119A	132.4	205158651	16.41	16.43	0.312	20.000	720	38.46	FBE	11/12/2002	80	3	LT	T	I6	S14	S08	371	7.92	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/14/2014	
119A	132.6	205158652	16.43	16.43	0.312	20.000	720	38.46	FBE	11/12/2002	17	3	LT	T	I6	S14	S08	371	7.92	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/14/2014	
119A-1	214.4	205078634	11.14	11.17	0.344	10.750	720	32.14	HAA	1/1/1950	179	3	LT	T	I9	E12			200	18.62	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012
119A-2	201	205078733	13.12	13.13	0.375	16.000	720	36.57	TAPE	1/1/1986	18	3	LT	T	A6	E15	E10	297	8.47	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015	
119A-2	202	205078726	13.13	13.17	0.375	16.000	720	36.57	CONC	1/1/1986	202	3	LT	T	A6	E15	E10	297	7.65	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015	
119A-2	203	205122933	13.17	13.21	0.375	16.000	720	36.57	TAPE	1/1/1986	238	3	LT	T	A6	E15	E10	297	8.47	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015	
119A-2	203.5	205122934	13.21	13.39	0.375	16.000	720	36.57	TAPE	1/1/1986	1048	3	LT	T	B1	E15	E10	297	8.47	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015	
119A-2	204	205090591	13.39	13.97	0.375	16.000	720	36.57	TAPE	1/1/1986	2622	3	LT	T	I1	E15	E10	297	9.35	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015	
119A-2	211	205090601	13.97	14.10	0.375	20.000	720	36.92	TAPE	1/1/1985	655	3	LT	T	B1	E15	E10	371	8.77	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015	
119A-2	212	205090639	14.10	14.10	0.312	20.000	720	38.46	FBE	11/12/2002	4	3	LT	T	A1	E15	E10	371	7.92	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015	
119A-3	100	205133645	0.00	0.00	0.375	20.000	720	32.00	TAPE	8/23/2006	3	3	LT	T	I9	E12			371	9.69	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
119A-3	101	205133646	0.00	0.00	0.375	20.000	720	32.00	TAPE	8/23/2006	7	3	LT	T	I9	E12			371	9.69	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
119A-3	102	205133616	0.00	0.00	0.375	20.000	720	32.00	FBE	8/23/2006	3	3	LT	T	I9	E12			371	8.28	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
119A-3	103	205133618	0.00	0.00	0.375	20.000	720	32.00	TAPE	8/23/2006	9	3	LT	T	I9	E12			371	9.69	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
119A-3	104	205133829	0.00	0.17	0.500	20.000	720	22.15	PC	8/23/2006	857	3	LT	T	I9	E12			371	8.61	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
119B	101	205090602	0.00	0.01	0.313	12.750	500	-29.14		1/1/1950	1437	3	LT	T	I1	S12	S08	198	16.82	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/14/2012	
119B	101.1	205164117	0.01	0.02	0.313	12.750	500	29.14	HAA	1/1/1950	37	3	LT	T	B1	S14	S08	198	16.82	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/14/2014	
119B	101.2	205164118	0.02	0.59	0.313	12.750	500	29.14	HAA	1/1/1950	3058	3	LT	T	B1	I16	I09	198	14.94	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	7/13/2016	
119B	101.3	205085244	0.59	0.59	0.313	12.750	500	29.14	HAA	1/1/1955	7	3	LT	T	B1	I16	I09	198	14.94	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	7/13/2016	
119B	102	205085245	0.59	0.75	-0.203	12.750	500	-44.86	HAA	1/1/1943	868	3	LT	T	B1	I16	I09	198	24.37	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	7/13/2016	
119B	103	205122939	0.75	0.88	0.281	12.750	500	27.01	HAA	1/1/1985	756	3	LT	T	I1	I16	I09	198	6.29	Yes	No	No	No	No	Yes	Yes	No	No	Yes	7/13/2016	
119B	103.7	205122942	1.02	1.25	0.281	12.750	500	27.01	HAA	1/1/1985	1360	3	LT	T	I1	I16	I09	198	12.43	Yes	No	No	No	No	Yes	Yes	No	No	Yes	7/13/2016	
119B	103.8	205084970	1.25	1.27	0.281	12.750	500	27.01	HAA	1/1/1963	132	3	LT	T	A1	I16	I09	198	15.65	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	7/13/2016	
119B	104	205084971	1.27	2.23	-0.203	12.750	500	-44.86	HAA	1/1/1943	5052	3	LT	T	B1	E12	I09	198	19.37	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	7/13/2016	
119B	105	205122532	2.23	2.87	0.250	12.750	500	36.43	HAA	1/1/1947	3388	3	LT	T	I1	I16	I09	198	15.39	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	7/13/2016	
119B	110	205122539	4.08	5.52	0.250	12.750	500	36.43	HAA	1/1/1947	7604	3	LT	T	I1	I16	I09	198	13.39	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	7/13/2016	
119B	110.3	205084319	5.52	5.53	0.281	12.750	500	27.01	XTRUPL	1/1/1990	76	3	LT	T	I1	E12	I09	198	6.29	Yes	No	No	No	No	Yes	Yes	No	No	Yes	7/13/2016	
119B	110.5	205122540	5.53	5.57	0.250	12.750	500	36.43	HAA	1/1/1947	203	3	LT	T	I1	E12	I09	198	15.39	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	7/13/2016	
119B	111.3	205122549	5.81	5.85	0.250	12.750	500	36.43	HAA	1/1/1947	187	3	LT	T	I1	E12	I09	198	13.39	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	7/13/2016	
119B	111.7	205084321	5.85	5.89	0.250	12.750	500	36.43	HAA	1/1/1941	219	3	LT	T	I1	E12	I09	198	13.39	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	7/13/2016	
119B	112	205084322	5.89	6.00	0.250	12.750	500	36.43	HAA	1/1/1955	571	3	LT	T	I1	E12	I09	198	13.39	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	7/13/2016	
119B	112.3	205084323	6.00	6.01	0.250	12.750	500	36.43	HAA	1/1/1955	52	3	LT	T	I1	E12	I09	198	13.39	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	7/13/2016	
119B	113	205122552	6.01	6.47	0.250	12.750	500	36.43	HAA	1/1/1947	2448	3	LT	TP	I1	E12	I09	198	13.39	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	7/13/2016	
119B	113.7	205128147	6.67	6.88	0.250	12.750	500	36.43	HAA	1/1/1947	1105	3	LT	TP	I1	E12	I09	198	11.14	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	7/13/2016	
119B	113.8	205158264	6.88	6.88	0.312	12.750	500	24.32	TAPE	7/18/1988	2	3	LT	TP	I1	E12	I09	198	9.28	Yes	No	No	No	No	Yes	Yes	No	No	Yes	7/13/2016	
119B	113.85	205158265	6.88	6.88	0.312	12.750	500	24.32	TAPE	7/18/1988	4	3	LT	TP	I1	E12	I09	198	9.28	Yes	No	No	No	No	Yes	Yes	No	No	Yes	7/13/2016	
119B	113.9	205158262	6.88	6.88	0.312	12.750	500	24.32	TAPE	7/18/1988	6	3	LT	T	I1	E12	I09	198	4.04	Yes	No	No	No	No	Yes	Yes	No	No	Yes	7/13/2016	
119B	113.95	205158263	6.88	6.88	0.312	12.750	500	24.32	TAPE	7/18/1988	3	3	LT	T	I1	E12	I09	198	4.04	Yes	No	No	No	No	Yes	Yes	No	No	Yes	7/13/2016	
119B	114	205128152	6.88	7.31																											

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN		
119B-1	103	205168261	0.03	0.03	0.260	12.750	500	36.43	HAA	1/1/1947	10	3	LT	TP	I1	S14	S08	198	19.80	Yes	No	No	Yes	No	Yes	No	No	Yes	12/14/2014			
119C	101	205122516	0.00	2.08	0.281	16.000	500	33.89	HAA	1/1/1955	10978	3	LT	T	I1	E15	E10	248	12.53	Yes	No	No	Yes	No	Yes	No	No	Yes	4/6/2015			
119C	101.3	205122518	2.08	2.75	0.281	16.000	500	33.89	HAA	1/1/1955	3585	3	LT	T	I1	E15	E10	248	11.91	Yes	No	No	Yes	No	Yes	No	No	Yes	4/6/2015			
119C	103	205122535	3.47	3.54	0.281	16.000	500	33.89	HAA	1/1/1955	385	3	LT	T	I1	E15	E10	248	11.91	Yes	No	No	Yes	No	Yes	No	No	Yes	4/6/2015			
119C	103.2	205084957	3.54	3.55	0.250	16.000	500	38.10	HAA	1/1/1968	14	3	LT	T	I1	E15	E10	248	8.95	Yes	No	No	Yes	No	Yes	No	No	Yes	4/6/2015			
119C	103.3	205084967	3.55	3.56	0.250	16.000	500	45.71	HAA	1/1/1980	30	3	LT	T	I1	E15	E10	248	8.72	Yes	No	No	No	No	Yes	No	No	Yes	4/6/2015			
119C	103.5	205084960	3.56	3.64	0.250	16.000	500	38.10	HAA	1/1/1968	537	3	LT	T	I1	E15	E10	248	8.95	Yes	No	No	Yes	No	Yes	No	No	Yes	4/6/2015			
119C	104.4	205122537	3.91	5.35	0.281	16.000	500	33.89	HAA	1/1/1955	7666	3	LT	T	I1	E15	E10	248	12.53	Yes	No	No	Yes	No	Yes	No	No	Yes	4/6/2015			
119C	104.7	205084742	5.35	5.36	0.250	16.000	500	38.10	HAA	1/1/1968	65	3	LT	T	I1	E15	E10	248	8.95	Yes	No	No	Yes	No	Yes	No	No	Yes	4/6/2015			
119C	105	205122544	5.36	5.43	0.281	16.000	500	33.89	HAA	1/1/1955	389	3	LT	TP	I1	E15	E10	248	11.91	Yes	No	No	Yes	No	Yes	No	No	Yes	4/6/2015			
119C	106	205122546	5.43	5.58	0.281	16.000	500	33.89	HAA	1/1/1955	751	3	LT	TP	I6	E15	E10	248	11.91	Yes	No	No	Yes	No	Yes	No	No	Yes	4/6/2015			
119C	107	205122550	5.58	6.30	0.281	16.000	500	33.89	HAA	1/1/1955	3823	3	LT	TP	I1	E15	E10	248	12.53	Yes	No	No	Yes	No	Yes	No	No	Yes	4/6/2015			
119C	109	205168645	6.43	6.68	0.281	16.000	500	33.89	HAA	1/1/1955	1337	3	LT	TP	I1	E15	E10	248	11.91	Yes	No	No	Yes	No	Yes	No	No	Yes	4/6/2015			
119C	110	205168646	6.68	6.69	0.281	16.000	500	33.89	HAA	1/1/1955	35	3	LT	TP	I1	S14	S08	248	17.36	Yes	No	No	Yes	No	Yes	No	No	Yes	12/14/2014			
1202-01	101	205123469	0.00	0.36	0.250	16.000	204	19.78		1/1/1958	1887	3	DFM	T	I9	E13		159	27.33	Yes	No	No	Yes	No	Yes	No	No	Yes	6/4/2013			
1202-01	102	205123471	0.36	0.52	0.250	16.000	204	19.78	HAA	1/1/1958	856	3	DFM	TP	I1	E14	E07	158	17.48	Yes	No	No	Yes	No	Yes	No	No	Yes	5/13/2014			
1202-16	100	205089822	0.00	0.08	0.188	6.625	650	32.72			439	3	DFM	T	I1	E17	E10	118	23.58	Yes	No	No	Yes	Yes	Yes	No	No	Yes	12/13/2017			
1202-16	101	205089835	0.08	0.19	0.188	6.625	650	32.72	HAA	3/6/1962	591	3	DFM	T	I1	E17	E10	118	22.95	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/13/2017		
1202-16	101.1	205089829	0.19	0.27	0.188	6.625	650	32.72	HAA	9/29/1960	425	3	DFM	T	I1	E17	E10	118	22.95	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017		
1202-16	102	205089816	0.49	1.03	0.188	6.625	650	32.72	HAA	1/1/1960	2871	3	DFM	T	I1	E17	E10	118	22.95	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017		
1202-16	103.6	205089811	1.20	1.25	0.280	6.625	650	21.97	TAPE	1/1/1973	305	3	DFM	T	I1	E17	E10	118	18.47	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/13/2017		
1202-16	105	205089812	1.25	1.42	0.188	6.625	650	32.72	HAA	1/1/1959	905	3	DFM	T	I1	E17	E10	118	19.33	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017		
1202-16	106	205089832	1.42	1.46	-0.156	6.625	-650	-39.43		1/1/1994	190	3	DFM	T	I1	E17	E10	118	22.31	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017		
1202-16	110	205089831	1.46	1.51	0.280	6.625	-650	-21.97		1/15/1974	251	3	DFM	T	I1	E17	E10	118	17.52	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/13/2017		
1202-16	113	205123457	1.51	1.67	0.188	6.625	650	32.72	HAA	7/20/1959	873	3	DFM	T	I1	E17	E10	118	19.33	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017		
1202-16	116	205123452	2.42	2.58	0.188	6.625	650	32.72	HAA	7/20/1959	835	3	DFM	T	I1	E17	E10	118	19.33	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017		
1202-16	117	205089813	2.58	2.59	0.188	6.625	650	-32.72	HAA	1/1/1963	27	3	DFM	T	I1	E17	E10	118	25.82	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017		
1202-16	118	205089844	2.59	4.60	0.250	12.750	650	39.46	HAA	1/1/1963	10619	3	DFM	T	I1	E17	E10	225	15.01	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017		
1202-17	101	205089808	0.00	1.02	0.281	12.750	-650	-35.11	TAPE	1/1/1992	5400	3	DFM	TI	I1	E14	E07	225	10.58	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	5/13/2014		
1202-17	101.3	205123455	1.02	1.73	0.219	12.750	650	41.13		1/1/1984	3716	3	DFM	TI	I1	E14	E07	225	18.87	Yes	No	No	No	No	Yes	Yes	No	No	Yes	5/13/2014		
1202-17	102	205123454	2.23	2.58	0.219	12.750	650	41.13		1/1/1984	1819	3	DFM	TI	I1	E14	E07	225	18.02	Yes	No	No	No	No	Yes	Yes	No	No	Yes	5/13/2014		
1202-21	101	205134863	0.00	0.01	0.375	12.750	650	31.57		1/1/1971	55	3	DFM	TI	B1	E17	E10	225	12.37	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/13/2017		
1202-21	102	205134864	0.01	0.10	0.219	12.750	650	45.05		1/1/1971	517	3	DFM	TI	B1	E17	E10	225	18.44	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/13/2017		
1205-02	102	205123915	1.10	1.21	0.156	4.500	650	26.79		1/1/1990	593	3	DFM	TC	I1	E11		80	25.74	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
1209-01	102.45	205160229	0.92	0.95	0.188	6.625	650	27.27	TAPE	9/8/1998	124	3	DFM	T	I6	E17	E10	118	16.77	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/13/2017		
1209-01	102.5	205121040	0.95	1.02	0.188	6.625	650	27.27	TAPE	9/8/1998	372	3	DFM	T	I1	E17	E10	118	16.77	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/13/2017		
1209-01	102.6	205160230	1.02	1.04	0.188	6.625	650	27.27	TAPE	9/8/1998	133	3	DFM	T	I6	E17	E10	118	16.77	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/13/2017		
1209-01	103.2	205160226	3.11	3.24	0.188	6.625	650	27.27	TAPE	9/8/1998	647	3	DFM	T	I6	E17	E10	118	16.77	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/13/2017		
1209-01	105	205130956	4.90	5.01	0.188	6.625	650	27.27	TAPE	9/8/1998	550	3	DFM	T	I6	E17	E10	118	16.77	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/13/2017		
1209-01	105.3	205130959	5.01	5.13	0.188	6.625	650	27.27	TAPE	9/8/1998	632	3	DFM	T	I7	E17	E10	118	16.77	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/13/2017		
1209-01	105.5	205135364	5.13	5.21	0.188	6.625	650	27.27	TAPE	9/8/1998	461	3	DFM	T	I1	E17	E10	118	16.77	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/13/2017		
1209-01	105.7	205135365	5.21	5.25	0.188	6.625	650	27.27	TAPE	9/8/1998	173	3	DFM	T	I1	E17	E10	118	16.77	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/13/2017		
1209-01	106	205160232	5.25	5.28	0.188	6.625	650	27.27	TAPE	9/8/1998	158	3	DFM	T	I6	E17	E10	118	16.77	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/13/2017		
1209-01	106.3	205160235	5.40	5.41	0.188	6.625	650	27.27	TAPE	9/8/1998	86	3	DFM	T	I6	E17	E10	118	16.77	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/13/2017		
1209-01	106.5	205121048	5.41	5.89	0.188	6.625	650	27.27	TAPE	9/8/1998	2498	3	DFM	T	I1	E17	E10	118	16.77	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/13/2017		
1209-01	107	205160236	5.89	5.91	0.188	6.625	650	27.27	TAPE	9/8/1998	115	3	DFM	T	I6	E17	E10	118	16.77	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/13/2017		
1209-02	204	205121052	0.40	0.53	0.281	12.750	-230	-12.42		1/1/1992	714	3	DFM	TP	I1	E17	E10	134	8.89	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/13/2017		
1209-05</																																

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EQ PLAN	IC PLAN	SCC PLAN		
124A	101.1	205119439	0.72	1.13	0.281	16.000	600	40.67	HAA	1/1/1955	2186	3	LT	T	A5	I17	I10	271	21.46	Yes	No	No	Yes	No	Yes	No	Yes	4/1/2017				
124A	108.3	205118423	9.77	10.70	0.281	16.000	600	40.67	HAA	1/1/1955	4938	3	LT	T	B5	I17	I10	271	16.80	Yes	No	No	Yes	No	Yes	No	Yes	4/1/2017				
124A	116.2	205118418	16.76	17.12	0.281	16.000	600	40.67	HAA	1/1/1955	1874	3	LT	T	I5	I17	I10	271	12.87	Yes	No	No	Yes	No	Yes	No	Yes	4/1/2017				
124A	116.5	205118415	18.08	18.25	0.281	16.000	600	40.67	HAA	1/1/1955	928	2	LT	T	I5	I17	I10	271	9.51	Yes	No	No	Yes	No	Yes	No	Yes	4/1/2017				
124A	118.1	205129257	20.15	20.53	0.281	16.000	600	40.67	HAA	1/1/1955	1999	3	LT	T	B5	I17	I10	271	12.87	Yes	No	No	Yes	No	Yes	No	Yes	4/1/2017				
124A	118.3	205095548	20.53	20.60	0.250	16.000	600	45.71	TAPE	1/1/1979	463	3	LT	T	I5	I17	I10	271	10.97	Yes	No	No	No	No	Yes	Yes	No	Yes	4/1/2017			
124A	118.6	205095549	20.60	20.63	0.281	16.000	600	40.67	HAA	1/1/1955	200	3	LT	T	I5	I17	I10	271	12.87	Yes	No	No	Yes	No	Yes	Yes	No	Yes	4/1/2017			
124A	118.9	205095550	20.63	20.64	0.313	16.000	600	43.89	HAA	1/1/1954	34	3	LT	T	I5	I17	I10	271	15.63	Yes	No	No	Yes	No	Yes	Yes	No	Yes	4/1/2017			
124A	119	205095601	20.64	20.64	0.313	16.000	600	29.54	TAPE	6/3/2003	10	3	LT	T	I5	I17	I10	271	8.62	Yes	No	No	No	No	Yes	Yes	No	Yes	4/1/2017			
124A	119.5	205095602	20.64	20.69	0.250	16.000	600	45.71	TAPE	1/1/1979	237	3	LT	T	B5	I17	I10	271	10.69	Yes	No	No	No	No	Yes	Yes	No	Yes	4/1/2017			
124A	120	205118408	20.69	21.17	0.281	16.000	600	40.67	HAA	1/1/1954	2516	3	LT	T	B5	I17	I10	271	17.70	Yes	No	No	Yes	No	Yes	Yes	No	Yes	4/1/2017			
124A	120.6	205152974	21.17	21.37	0.281	16.000	600	40.67	HAA	1/1/1954	1082	3	LT	T	I5	I17	I10	271	15.63	Yes	No	No	Yes	No	Yes	Yes	No	Yes	4/1/2017			
124A	120.8	205118407	21.43	21.79	0.281	16.000	600	40.67	HAA	1/1/1954	1895	3	LT	T	I5	I17	I10	271	15.63	Yes	No	No	Yes	No	Yes	Yes	No	Yes	4/1/2017			
124A	124.8	205123350	23.28	23.30	0.281	16.000	600	40.67	HAA	1/1/1956	127	3	LT	T	I5	I17	I10	271	15.63	Yes	No	No	Yes	No	Yes	Yes	No	Yes	4/1/2017			
124A	125	205095037	23.30	23.40	0.281	16.000	600	40.67	HAA	1/1/1956	590	3	LT	T	I5	I17	I10	271	15.63	Yes	No	No	Yes	No	Yes	Yes	No	Yes	4/1/2017			
124A	126	205123351	23.40	23.56	0.281	16.000	600	40.67	HAA	1/1/1954	834	3	LT	T	I5	I17	I10	271	17.70	Yes	No	No	Yes	No	Yes	Yes	No	Yes	4/1/2017			
124A	127.5	205142669	23.86	23.90	0.281	16.000	600	40.67	HAA	1/1/1954	183	3	LT	T	I5	I17	I10	271	15.63	Yes	No	No	Yes	No	Yes	Yes	No	Yes	4/1/2017			
124A	128	205123354	23.90	26.27	0.281	16.000	600	40.67	HAA	1/1/1954	12578	3	LT	T	B5	I17	I10	271	17.70	Yes	No	No	Yes	No	Yes	Yes	No	Yes	4/1/2017			
124B	101.4	205154420	0.26	0.27	0.220	8.625	400	22.40	BARE	1/1/1939	59	1	LT	T	A9	E13		120	26.55	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	9/21/2016			
124B	101.6	205145858	0.27	0.31	0.220	8.625	400	22.40	HAA	1/1/1939	210	3	LT	T	A9	E13		120	31.23	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	9/21/2016			
124B	101.8	205145860	0.31	0.44	0.220	8.625	400	22.40	HAA	1/1/1939	684	3	LT	T	A2	E13		120	31.23	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/19/2015			
124B	102	205154417	0.44	0.54	0.220	8.625	400	22.40	HAA	1/1/1939	545	3	LT	T	A9	E13		120	31.23	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	9/21/2016			
124B	102.15	205145863	0.82	0.85	0.219	8.625	400	18.75	TAPE	1/17/2002	310	3	LT	T	I2	E13		120	22.02	Yes	No	No	No	No	Yes	Yes	No	Yes	12/19/2015			
124B	102.2	205145864	0.85	0.89	0.220	8.625	400	22.40	HAA	1/1/1939	222	3	LT	T	I2	E13		120	31.23	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/19/2015			
124B	111.2	205118425	9.74	9.84	0.220	8.625	400	22.40	HAA	1/1/1939	538	3	LT	T	B5	E14	E07	120	22.33	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	3/9/2014			
124B	111.3	205078533	9.84	9.85	0.220	8.625	400	22.40	HAA	1/1/1975	26	3	LT	T	B5	E14	E07	120	20.63	Yes	No	No	No	No	Yes	Yes	No	Yes	3/9/2014			
124B	112	205118426	9.85	10.45	0.220	8.625	400	22.40	HAA	1/1/1939	2733	3	LT	T	B5	E14	E07	120	22.23	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	3/9/2014			
124B	120.2	205118430	16.68	16.81	0.220	8.625	400	22.40	HAA	1/1/1939	723	3	LT	T	I5	E14	E07	120	21.15	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	3/9/2014			
124B	124	205118436	20.10	20.25	0.220	8.625	400	22.40	HAA	1/1/1939	977	3	LT	T	I5	E14	E07	120	21.15	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	3/9/2014			
124B	126.5	205118444	21.20	21.61	0.220	8.625	400	22.40	HAA	1/1/1939	2208	3	LT	T	B5	E14	E07	120	21.15	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	3/9/2014			
124B	129.1	205118447	22.76	22.81	0.219	10.750	400	28.05	HAA	1/1/1960	237	3	LT	T	I5	E14	E07	149	20.88	Yes	No	No	Yes	No	Yes	Yes	No	Yes	3/9/2014			
124B	129.3	205090669	22.81	22.82	0.219	8.625	400	22.50	HAA	1/1/1960	64	3	LT	T	I5	E14	E07	120	20.56	Yes	No	No	Yes	No	Yes	Yes	No	Yes	3/9/2014			
124B	129.6	205090670	22.82	22.86	0.220	8.625	400	22.40	HAA	1/1/1967	203	3	LT	T	I5	E14	E07	120	25.47	Yes	No	No	Yes	No	Yes	Yes	No	Yes	3/9/2014			
124B	130	205090671	22.86	23.18	0.220	8.625	400	22.40	HAA	1/1/1939	2636	3	LT	T	I5	E14	E07	120	34.15	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	3/9/2014			
124B	130.3	205090672	23.18	23.18	0.250	8.625	400	16.43	TAPE	1/1/1992	1	3	LT	T	I5	E14	E07	120	15.42	Yes	No	No	No	No	Yes	Yes	No	Yes	3/9/2014			
124B	131	205090673	23.18	23.32	0.188	8.625	400	21.85	TAPE	1/1/1992	734	3	LT	T	I5	E14	E07	120	20.03	Yes	No	No	No	No	Yes	Yes	No	Yes	3/9/2014			
124B	131.3	205090674	23.32	23.33	0.322	8.625	400	15.31	TAPE	1/1/1992	13	3	LT	T	I5	E14	E07	120	15.42	Yes	No	No	No	No	Yes	Yes	No	Yes	3/9/2014			
126A	104	205094104	5.02	5.36	0.188	6.625	350	14.68	HAA	1/1/1953	1761	3	LT	T	I5	E13	E06	86	33.02	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/24/2013		
126A	104.3	205094105	5.36	5.37	0.188	6.625	350	14.68	XTRUPL	1/1/1989	105	3	LT	T	I5	E13	E06	87	25.22	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/24/2013		
126A	104.6	205094106	5.37	5.40	0.188	6.625	350	14.68	HAA	1/1/1953	104	3	LT	T	I5	E13	E06	86	33.02	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/24/2013		
126A	104.8	205118289	5.40	5.43	0.188	6.625	350	14.68	HAA	1/1/1953	181	3	LT	T	I5	E13	E06	86	35.74	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/24/2013		
126B	106.7	205159758	5.10	5.13	0.237	4.500	350	9.49	PC	10/11/2008	384	3	LT	T	I5	E17		59	30.74	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/21/2017		
126B	107.6	205161982	4.74	5.10	0.237	4.500	350	9.49	PC	10/11/2008	1854	3	LT	T	I5	E17		59	24.85	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/21/2017		
1301-01	124	205090211	0.00	0.00	-0.141	3.500	-450	-37.23			42	3	DFM	T	I6	E13		52	40.38	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/20/2015		
1301-01	124.1	205160679	0.00	0.00	0.216	3.500	-450	-10.42	TAPE	1/1/2002	36	3	DFM	TP	I6	E13		52	22.49	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/20/2015		
1301-01	124.15	205160680	0.00	0.00	0.216	3.500	150	3.47	TAPE	1/1/2002	29	3	DFM	TP	I6	E13		31	22.23	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/20/2015		
1301-01	124.2	205090218	0.00	0.00	0.322	8.625	150	5.74	TAPE	1/1/2002	3	3	DFM	TP	I6	E13		74	18.49	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	1/28/2016		
1301-01	124.3	205090217	0.00	0.06	-0.172	8.625	150	-10.75		1/1/1955	317	3	DFM	TP	I6	E13		74	34.37	Yes	No	No	Yes	No	Yes							



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN		
1301-01	134.6	205081222	4.61	4.63	-0.141	8.625	150	-23.89		1/1/1929	120	3	DFM	T	I5	E13	E06	73	32.98	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	3/3/2013			
1302-01	99	205159124	0.00	0.00	-0.172	8.625	450	-26.86			65	-3	DFM	TI	I6	S12		127	30.94	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/17/2012			
1302-01	100	205121144	0.00	0.03	0.172	8.625	450	26.86		1/1/1981	165	3	LT	T	I5	E17	E10	127	15.10	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017		
1302-01	101.5	205081236	0.03	0.03	0.322	8.625	450	17.22	TAPE	7/26/2002	1	3	DFM	TP	I5	E12		127	10.35	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
1302-01	105	205081241	0.52	0.57	0.281	12.750	450	19.63	FBE	7/26/2002	313	3	DFM	TP	I5	E12		188	13.61	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
1302-01	106	205081247	0.57	0.75	0.281	12.750	450	24.31	FBE	7/26/2002	941	3	DFM	T	I5	E17	E10	187	13.86	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017		
1302-01	107	205081242	0.75	0.85	0.375	12.750	450	21.86	PCJ	7/26/2002	541	3	DFM	T	I5	E17	E10	187	11.62	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017		
1302-01	108.7	205118137	1.41	1.42	0.281	12.750	450	24.31	FBE	7/26/2002	79	3	DFM	T	I5	E17	E10	187	13.86	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017		
1302-01	109	205081244	1.42	1.50	0.375	12.750	450	21.86	PCJ	7/26/2002	430	3	DFM	T	I5	E17	E10	187	11.62	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017		
1302-01	110	205081245	1.50	1.74	0.281	12.750	450	24.31	FBE	7/26/2002	1268	3	DFM	T	I5	E17	E10	187	13.86	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017		
1302-01	110.5	205081246	1.74	1.74	0.322	8.625	450	17.22	TAPE	7/26/2002	1	3	DFM	TP	I5	E12		127	17.72	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
1302-01	111	205081223	1.74	1.77	-0.172	8.625	450	-32.24		1/1/1969	149	3	DFM	T	I5	E13	E06	127	33.04	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	3/3/2013		
1302-02	100	205159123	0.00	0.00	-0.172	8.625	450	-26.86			60	-3	DFM	TI	I6	S12		127	33.83	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/17/2012			
1302-02	101	205142511	0.00	0.00	0.322	8.625	275	10.52	TAPE	1/1/1985	4	3	DFM	TP	I6	S12		100	17.09	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/17/2012			
1302-02	101.5	205142512	0.00	0.00	0.322	8.625	275	10.52	TAPE	1/1/1985	4	3	DFM	TP	I6	S12		100	17.09	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/17/2012			
1302-03	100.3	205142513	0.00	0.00	0.322	8.625	450	17.22	TAPE	1/1/1981	9	3	DFM	TP	I6	S12		127	18.61	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
1302-03	100.5	205142514	0.00	0.00	0.322	8.625	275	10.52	TAPE	1/1/1981	3	3	DFM	TP	I6	S12		100	18.34	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
1305-45	101	205124503	0.00	0.00	0.322	8.625	450	17.22	FBE	8/31/2004	15	3	DFM	TP	B9	E16	E09	127	15.70	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/12/2016		
1305-45	102	205124505	0.00	0.00	0.250	8.625	450	18.48	FBE	8/31/2004	2	3	DFM	TP	B9	E16	E09	127	15.70	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/12/2016		
1305-45	103	205124509	0.00	0.20	0.188	8.625	450	24.58	FBE	8/31/2004	1057	3	DFM	T	B5	E17	E10	127	22.49	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017		
1305-45	103.5	205125382	0.20	0.20	0.250	8.625	450	18.48	FBE	8/31/2004	1	3	DFM	TP	I5	E12	P04	127	16.57	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
1305-45	104	205125383	0.20	0.32	0.322	8.625	450	17.22	PC	8/31/2004	625	3	DFM	TP	I5	E12	P04	127	14.40	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
1305-45	105	205124511	0.32	0.32	0.250	8.625	450	18.48	FBE	8/31/2004	1	3	DFM	TP	I5	E12	P04	127	16.57	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
1305-45	106	205124514	0.32	0.61	0.188	8.625	450	24.58	FBE	8/31/2004	1516	3	DFM	T	B5	E17	E10	127	21.19	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017		
1305-45	107	205124516	0.61	0.61	0.250	8.625	450	18.48	FBE	8/31/2004	1	3	DFM	TP	I5	E12	P04	127	16.57	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
1305-45	108	205124518	0.61	0.74	0.322	8.625	450	17.22	PC	8/31/2004	692	3	DFM	TP	I5	E12	P04	127	14.40	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
1305-45	108.5	205125384	0.74	0.74	0.250	8.625	450	18.48	FBE	8/31/2004	1	3	DFM	TP	I5	E12	P04	127	16.57	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
1305-45	109	205125385	0.74	0.82	0.188	8.625	450	24.58	FBE	8/31/2004	396	3	DFM	T	I5	E17	E10	127	21.19	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017		
1305-45	110	205125307	0.82	0.82	0.250	8.625	450	18.48	FBE	8/31/2004	1	3	DFM	TP	I5	E12	P04	127	16.57	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
1305-45	111	205125309	0.82	1.13	0.322	8.625	450	17.22	PC	8/31/2004	1650	3	DFM	TP	I5	E12	P04	127	14.40	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
1305-45	111.5	205125386	1.13	1.13	0.250	8.625	450	18.48	FBE	8/31/2004	1	3	DFM	TP	I5	E12	P04	127	12.23	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
1305-45	112	205125387	1.13	1.40	0.188	8.625	450	24.58	FBE	8/31/2004	1444	3	DFM	T	I5	E17	E10	127	16.85	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017		
1305-45	113	205125315	1.40	1.40	0.250	8.625	450	18.48	FBE	8/31/2004	1	3	DFM	TP	I5	E12	P04	127	10.06	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
1305-45	114	205125316	1.40	1.54	0.322	8.625	450	17.22	PC	8/31/2004	727	3	DFM	TP	I5	E12	P04	127	10.06	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
1305-45	115	205125722	1.54	1.83	0.188	8.625	450	24.58	FBE	8/31/2004	1516	3	DFM	T	I5	E17	E10	127	16.85	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017		
1305-45	116	205125723	1.83	1.83	0.188	8.625	450	24.58	FBE	8/31/2004	3	3	DFM	T	I5	E17	E10	127	16.85	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/15/2017		
1306-01	106.7	205118124	4.00	4.14	0.156	6.625	450	22.75		1/1/1970	707	3	DFM	T	I5	E17	E10	98	26.24	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/15/2017		
1310-01	106	205118288	1.27	1.29	-0.141	2.375	170	-4.09		1/1/1982	91	3	DFM	TC	I5	E13	E06	22	25.28	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/24/2013		
132A	100.45	205153138	0.00	0.00	0.375	12.750	400	19.43	TAPE	1/1/1998	8	3	LT	T	I5	E16	E09	177	9.09	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132A	100.47	205153139	0.00	0.00	0.375	12.750	400	19.43	FBE	1/1/1998	13	3	LT	T	I5	E16	E09	177	9.09	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132A	100.5	205099965	0.00	0.01	0.312	16.000	400	19.72	FBE	1/1/1998	9	3	LT	T	I5	E16	E09	222	9.30	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132A	100.6	205099969	0.01	0.07	0.250	16.000	400	28.44	HAA	1/1/1947	335	3	LT	T	I5	E16	E09	222	17.29	Yes	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014			
132A	100.7	205162787	0.07	0.08	0.313	24.000	400	43.89	HAA	1/1/1966	59	3	LT	T	I5	E16	E09	332	18.71	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/22/2017		
132A	100.9	205099959	0.08	0.08	0.281	24.000	400	42.70	HAA	1/1/1944	15	3	LT	T	I5	E16	E09	332	24.27	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/7/2014		
132A	101.2	205099960	0.08	0.13	0.312	24.000	400	29.59	TAPE	1/1/1969	253	3	LT	T	I5	E16	E09	332	12.08	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132A	101.5	205099961	0.13	0.14	0.250	24.000	400	36.92	TAPE	1/1/1968	40	3	LT	T	I5	E16	E09	332	13.02	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
132A	101.6	205162788	0.14	0.15	0.250	24.000	400	45.71	TAPE	1/1/1968	81	3	LT	T																		



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EO THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EO PLAN	IC PLAN	SCC PLAN
134A	139.5	205121033	32.77	33.30	0.156	4.500	500	17.17	HAA	1/1/1977	2824	3	LT	TP	I1	E14	E07	70	26.56	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/20/2014
134A	140	205121034	33.30	33.33	0.156	4.500	500	17.17	HAA	1/1/1981	171	3	LT	TP	I1	E14	E07	70	26.35	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/20/2014
134A	141	205133927	33.62	33.79	0.188	4.500	500	17.10	HAA	1/1/1957	932	3	LT	TP	I1	E14	E07	70	27.39	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	5/20/2014
134A	141.1	205081564	33.79	33.79	0.156	4.500	500	20.60	TAPE	12/12/2001	8	3	LT	T	I1	E14	E07	70	23.68	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/20/2014
134A	141.2	205081563	33.79	34.33	0.188	4.500	500	17.10	HAA	1/1/1957	2808	3	LT	TP	I1	E14	E07	70	27.39	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	5/20/2014
137B	102.5	205118269	2.00	2.16	0.188	8.625	350	19.12	SOMA	1/1/1958	849	3	LT	T	I5	E13	E06	112	29.12	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	9/23/2013
137B	103.2	205149456	3.39	3.61	0.188	8.625	350	19.12	HAA	1/1/1958	1158	3	LT	T	I5	E13	E06	112	34.00	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	9/23/2013
137B	105	205118275	4.42	4.62	0.188	8.625	350	19.12	HAA	1/1/1958	1328	3	LT	T	I5	E13	E06	112	34.00	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	9/23/2013
137B	107.1	205118283	6.36	6.50	0.188	8.625	350	19.12	HAA	1/1/1958	782	3	LT	T	I5	E13	E06	112	35.12	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	9/23/2013
137B	107.5	205118286	7.05	7.37	0.188	8.625	350	19.12	HAA	1/1/1958	1686	3	LT	T	I5	E13	E06	112	46.58	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	9/23/2013
138C	100.3	205136139	43.58	43.59	0.250	16.000	650	49.52	HAA	1/1/1960	54	3	LT	T	I1	E17	E10	282	14.45	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017
138C	100.7	205136140	43.59	43.59	0.250	16.000	650	49.52	HAA	1/1/1960	7	3	LT	T	I1	E17	E10	282	14.45	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017
138C	101	205079083	43.59	43.69	0.281	16.000	650	44.06	HAA	1/1/1963	543	3	LT	T	I1	E17	E10	282	16.77	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017
138C	102	205079084	43.69	43.99	0.281	16.000	650	44.06	HAA	1/1/1963	1572	3	LT	T	I1	E17	E10	282	16.77	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017
138C	102.3	205079085	43.99	44.05	0.281	16.000	650	44.06	HAA	1/1/1963	320	3	LT	T	I1	E17	E10	282	16.77	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017
138C	103	205140211	44.05	44.13	0.281	16.000	650	44.06	HAA	1/1/1963	426	3	LT	T	I1	E17	E10	282	16.77	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017
138C	103.5	205140213	44.13	44.26	0.281	16.000	650	44.06	HAA	1/1/1963	679	2	LT	T	I1	E17	E10	282	14.25	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017
138C	103.7	205140214	44.26	44.37	0.281	16.000	650	44.06	HAA	1/1/1963	570	3	LT	T	I1	E17	E10	282	17.29	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017
138C	104	205079087	44.37	44.57	0.281	16.000	650	44.06	HAA	1/1/1963	1030	3	LT	T	I1	E17	E10	282	17.29	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017
138C	106	205079091	44.90	45.05	0.281	16.000	650	44.06	HAA	1/1/1963	800	3	LT	T	I1	E17	E10	282	16.42	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017
138C	106.3	205136137	45.05	45.13	0.281	16.000	650	44.06	HAA	1/1/1963	408	3	LT	T	I1	E17	E10	282	16.42	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017
138C	106.5	205163352	45.13	45.13	0.281	16.000	650	44.06	HAA	1/1/1963	31	3	LT	T	I1	E17	E10	282	16.42	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017
138C	106.6	205163353	45.13	45.21	0.281	16.000	650	44.06	HAA	1/1/1963	369	3	LT	T	I1	E17	E10	282	16.42	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017
138C	106.9	205079094	45.21	45.26	0.281	16.000	650	44.06	HAA	1/1/1963	240	3	LT	T	I1	E17	E10	282	16.42	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017
138C	107.2	205079095	45.26	45.34	0.281	16.000	650	44.06	HAA	1/1/1963	420	3	LT	T	I1	E17	E10	282	16.42	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017
138C	107.5	205079096	45.34	45.39	0.281	16.000	650	44.06	HAA	1/1/1963	240	3	LT	T	I1	E17	E10	282	16.42	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017
138C	108	205079097	45.39	46.00	0.281	16.000	650	44.06	HAA	1/1/1963	3288	3	LT	T	I1	E17	E10	282	18.33	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017
138C	109	205123443	46.00	46.18	0.281	16.000	650	44.06	HAA	1/1/1963	969	3	LT	T	I1	E17	E10	282	17.63	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017
138C	111	205123449	46.33	49.43	0.281	16.000	650	44.06	HAA	1/1/1963	16372	3	LT	T	B1	E17	E10	282	17.87	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017
138C	111.7	205123448	49.67	50.02	0.281	16.000	650	44.06	HAA	1/1/1963	1846	3	LT	T	B1	E17	E10	282	17.29	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017
138D	100.3	205136135	45.10	45.10	0.219	10.750	650	37.98	HAA	1/1/1963	4	2	LT	T	I1	E17	E10	190	18.81	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017
138D	100.4	205136136	45.10	45.10	0.219	10.750	650	37.98	HAA	1/1/1963	4	2	LT	T	I1	E17	E10	190	18.81	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017
138D	100.6	205079099	45.10	45.11	0.219	10.750	650	37.98	HAA	1/1/1967	50	2	LT	T	I1	E17	E10	190	18.81	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017
138D	100.9	205079100	45.11	45.18	0.219	10.750	650	37.98	HAA	1/1/1967	340	3	LT	T	I1	E17	E10	190	22.05	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017
138D	102	205079101	45.18	45.44	0.219	10.750	650	37.98	HAA	1/1/1967	1360	2	LT	T	I9	E17	E10	190	18.81	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017
138D	102.5	205121062	45.44	45.58	0.219	10.750	650	37.98	HAA	1/1/1967	765	3	LT	T	I9	E17	E10	190	22.15	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017
138D	103	205121063	45.58	46.20	0.219	10.750	650	37.98	HAA	1/1/1967	3259	3	LT	T	I1	E17	E10	190	22.15	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/13/2017
1401-01	301	205153966	0.00	0.00	-0.219	16.000	145	-17.66		1/1/1948	4	3	DFM	TP	I5	E14	E07	134	29.13	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	4/21/2014
1401-01	302	205153967	0.00	0.00	-0.219	16.000	145	-17.66		1/1/1948	3	3	DFM	TP	I5	E14	E07	134	29.13	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	4/21/2014
1401-01	305	205073752	0.00	0.01	-0.250	20.000	145	-21.97		1/1/1948	30	3	DFM	TI	I5	E14	E07	167	25.51	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	4/21/2014
1401-01	308	205073738	0.01	0.01	0.375	20.000	145	7.44	TAPE	1/1/1997	8	3	DFM	TP	I5	E14	E07	167	16.75	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/21/2014
1401-01	313	205073774	0.01	0.16	-0.250	20.000	145	-21.97		1/1/1948	813	3	DFM	TI	I5	E14	E07	167	25.51	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	4/21/2014
1401-01	314	205073775	0.16	0.19	0.375	20.000	145	6.44	FBE	12/14/2001	176	3	DFM	TP	I5	E14	E07	167	14.53	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/21/2014
1401-01	315	205117510	0.19	0.74	-0.250	20.000	145	-21.97		1/1/1948	2923	3	DFM	TI	I5	E14	E07	167	25.51	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	4/21/2014
1401-01	315.3	205129404	0.74	0.75	-0.250	20.000	145	-17.58		1/1/1948	81	3	DFM	TP	I7	E13		167	19.20	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	3/5/2013
1403-01	201	205153259	0.00	0.00	0.188	8.625	145	7.92	HAA	1/1/1971	2	3	DFM	TC	I5	E14	E07	73	20.35	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	9/29/2014
1403-01	201.5	205153260	0.00	0.09	0.188	8.625	145	7.92	HAA	1/1/1971	469	3	DFM	TC	I5	E14	E07	73	20.35	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	9/29/2014
1403-01	203	205117107	0.21	0.39	0.188	8.625	145	7.92	HAA	1/1/1971	964	3	DFM	TC	I5	E14	E07	72	20.35	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	9/29/2014
1403																														

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010-HCA RISK	EG THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EG PLAN	IC PLAN	SCC PLAN	
142N	116	205091099	8.26	8.48	0.250	12.750	475	34.61	HAA	1/1/1946	1220	3	LT	T	A1	E14	E07	192	28.82	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	5/2/2014		
142N	116.3	205120984	8.48	8.49	0.330	12.750	475	26.22	HAA	1/1/1979	56	3	LT	T	A1	E14	E07	192	13.44	Yes	No	No	No	No	Yes	Yes	No	Yes	5/2/2014		
142N	116.5	205120985	8.49	8.53	0.330	12.750	475	26.22	HAA	1/1/1979	228	3	LT	T	I5	E12		193	18.98	Yes	No	No	No	No	Yes	Yes	No	Yes	12/17/2012		
142N	116.7	205091101	8.53	8.54	0.313	12.750	475	27.69	HAA	1/1/1951	77	3	LT	T	I5	E12		193	24.62	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/17/2012		
142N	116.9	205091102	8.54	8.57	0.313	20.000	475	43.43	HAA	1/1/1951	140	3	LT	T	I5	E12		302	29.94	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/17/2012		
142N	117.2	205091103	8.57	8.63	0.313	12.750	475	27.69	HAA	1/1/1951	325	3	LT	T	I5	E13		193	24.62	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/16/2015		
142N	117.4	205120964	8.63	8.69	0.250	12.750	475	34.61	HAA	1/1/1946	277	3	LT	T	I5	E13		193	34.36	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/16/2015		
142N	117.6	205120965	8.69	8.72	0.250	12.750	475	34.61	HAA	1/1/1946	175	3	LT	T	I1	E14	E07	192	28.82	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	5/2/2014		
142N	118	205091105	8.72	8.74	0.250	12.750	475	34.61	HAA	1/1/1946	89	3	LT	T	I1	E14	E07	192	28.82	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	5/2/2014		
142N	118.5	205091106	8.74	8.74	0.313	12.750	475	23.07	TAPE	1/1/1988	3	3	LT	T	I1	E14	E07	192	14.58	Yes	No	No	No	No	Yes	Yes	No	Yes	5/2/2014		
142N	119	205091107	8.74	9.68	0.375	16.000	475	24.13	TAPE	1/1/1988	5453	3	LT	T	I1	E14	E07	241	15.79	Yes	No	No	No	No	Yes	Yes	No	Yes	5/2/2014		
142N	119.3	205091390	9.68	9.68	0.313	12.750	475	27.69	HAA	1/1/1946	15	3	LT	T	I1	E14	E07	192	26.94	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	5/2/2014		
142N	119.7	205120962	9.68	9.88	0.250	12.750	475	34.61	HAA	1/1/1946	1131	3	LT	T	I1	E14	E07	192	29.65	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	5/2/2014		
142N	122.1	205146232	10.46	10.51	0.250	12.750	475	34.61	HAA	1/1/1946	242	3	LT	T	I5	E12		193	35.44	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/17/2012		
142N	122.2	205135515	10.51	10.53	0.250	12.750	475	34.61	HAA	1/1/1946	72	3	LT	T	I9	E12		192	36.27	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/17/2012		
142N	122.3	205120961	10.53	10.55	0.250	12.750	475	34.61	HAA	1/1/1946	91	3	LT	T	I1	E14	E07	192	30.74	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	5/2/2014		
142N	122.8	205091396	10.55	10.61	0.250	12.750	475	28.84	TAPE	1/1/1984	124	3	LT	T	I1	E14	E07	192	14.12	Yes	No	No	No	No	Yes	Yes	No	Yes	5/2/2014		
142N	123	205091397	10.61	10.66	0.250	12.750	475	34.61	HAA	1/1/1946	124	3	LT	T	I1	E14	E07	192	29.91	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	5/2/2014		
142N	123.5	205091398	10.66	10.72	0.250	12.750	475	34.61	HAA	1/1/1946	320	3	LT	T	I1	E14	E07	192	32.90	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	5/2/2014		
142N	124	205091399	10.72	10.85	0.219	12.750	475	32.92	HAA	1/1/1981	650	3	LT	T	I1	E14	E07	192	23.49	Yes	No	No	No	No	Yes	Yes	No	Yes	5/2/2014		
142N	125	205091400	10.85	11.00	0.250	12.750	475	34.61	HAA	1/1/1946	795	3	LT	T	I1	E14	E07	192	29.91	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	5/2/2014		
142N	126	205091401	11.00	11.40	0.250	12.750	475	34.61	HAA	1/1/1946	3239	3	LT	T	I1	E14	E07	192	29.91	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	5/2/2014		
142N	127	205091402	11.40	11.55	0.281	12.750	475	25.66	TAPE	1/1/1989	813	3	LT	T	I1	E14	E07	192	14.95	Yes	No	No	No	No	Yes	Yes	No	Yes	5/2/2014		
142N	127.3	205091403	11.55	11.56	0.250	12.750	475	28.84	TAPE	1/1/1991	14	3	LT	T	I1	E14	E07	192	14.12	Yes	No	No	No	No	Yes	Yes	No	Yes	5/2/2014		
142N	128	205091404	11.56	11.76	0.281	12.750	475	30.79	XTRUPL	1/1/1985	1125	3	LT	T	I1	E14	E07	192	15.89	Yes	No	No	No	No	Yes	Yes	No	Yes	5/2/2014		
142N	129	205091405	11.76	11.88	0.281	12.750	475	30.79	XTRUPL	1/1/1985	700	3	LT	T	I1	E14	E07	192	15.89	Yes	No	No	No	No	Yes	Yes	No	Yes	5/2/2014		
142N	130	205091406	11.88	11.98	0.321	12.750	475	22.46	XTRUPL	1/1/1987	838	3	LT	T	I1	E14	E07	192	14.12	Yes	No	No	No	No	Yes	Yes	No	Yes	5/2/2014		
142N	130.3	205091407	11.98	11.99	0.322	12.750	475	26.87	HAA	1/1/1946	35	3	LT	T	I1	E14	E07	192	28.03	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	5/2/2014		
142N	130.6	205091408	11.99	12.04	0.250	12.750	475	28.84	XTRUPL	1/1/1974	253	3	LT	T	I1	E14	E07	192	15.44	Yes	No	No	No	No	Yes	Yes	No	Yes	5/2/2014		
142N	130.9	205091409	12.04	12.05	0.250	12.750	475	34.61	HAA	1/1/1946	28	3	LT	T	I1	E14	E07	193	29.91	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	5/2/2014		
142N	131.2	205091410	12.05	12.05	0.250	12.750	475	34.61	TAPE	1/1/1991	14	3	LT	T	I1	E14	E07	193	15.56	Yes	No	No	No	No	Yes	Yes	No	Yes	5/2/2014		
142N	131.5	205091411	12.05	12.06	0.281	12.750	475	25.66	HAA	1/1/1946	22	3	LT	T	I1	E14	E07	192	26.26	Yes	No	No	No	Yes	Yes	Yes	No	Yes	5/2/2014		
142N	131.8	205146233	12.06	12.07	0.281	12.750	475	25.66	HAA	1/1/1994	83	3	LT	T	I5	E14		193	15.50	Yes	No	No	No	No	Yes	Yes	No	Yes	12/16/2015		
142N	134	205091415	12.29	12.40	0.250	12.750	475	28.84	HAA	1/1/1963	562	3	LT	T	I1	E14	E07	192	17.74	Yes	No	No	Yes	No	Yes	Yes	No	Yes	5/2/2014		
142N	134.3	205091416	12.40	12.46	0.250	12.750	475	34.61	HAA	1/1/1948	218	3	LT	T	I1	E14	E07	192	22.05	Yes	No	No	Yes	No	Yes	Yes	No	Yes	5/2/2014		
142N	134.6	205091417	12.46	12.48	0.250	12.750	475	28.84	HAA	1/1/1973	117	3	LT	T	I1	E14	E07	192	14.53	Yes	No	No	No	No	Yes	Yes	No	Yes	5/2/2014		
142N	135	205091418	12.48	13.82	0.250	12.750	475	34.61	HAA	1/1/1946	7070	3	LT	T	I1	E14	E07	193	30.74	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	5/2/2014		
142N	135.5	205120958	13.82	13.86	0.250	12.750	475	28.84	HAA	1/1/1964	430	3	LT	T	I1	E14	E07	192	19.25	Yes	No	No	No	No	Yes	Yes	No	Yes	5/2/2014		
142N	136.5	205120957	13.90	14.05	0.250	12.750	475	28.84	HAA	1/1/1964	1436	3	LT	T	I1	E14	E07	192	19.25	Yes	No	No	No	No	Yes	Yes	No	Yes	5/2/2014		
142N-2	100.3	205091385	0.00	0.01	0.375	16.000	475	24.13	TAPE	1/1/1988	60	3	LT	T	I1	E14	E07	241	14.47	Yes	No	No	No	No	Yes	Yes	No	Yes	5/2/2014		
142S	102.5	205134456	0.59	0.60	0.219	10.750	478	33.52	HAA	1/1/1961	50	3	LT	T	I6	I11	I04	163	26.97	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/27/2011		
142S	102.7	205091422	0.60	0.69	0.219	10.750	478	33.52	HAA	1/1/1961	800	3	LT	T	I6	I11	I04	163	26.97	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/27/2011		
142S	102.8	205120938	0.69	0.76	0.219	10.750	478	27.93	HAA	1/1/1963	360	3	LT	T	I6	I11	I04	163	28.72	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/27/2011		
142S	103	205156881	0.76	1.30	0.219	10.750	478	27.93	HAA	1/1/1963	2843	3	LT	T	I1	I11	I04	163	29.54	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/27/2011		
142S	103.1	205156882	1.30	1.50	0.219	10.750	478	27.93	HAA	1/1/1963	1068	3	LT	T	I1	I11	I04	163	24.30	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/27/2011		
142S	103.3	205091424	1.50	1.54	0.188	10.750	478	32.54	HAA	1/1/1964	172	3	LT	T	I1	I11	I04	163	26.97	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/27/2011		
142S	104	205091426	1.54	3.00	0.219	10.750	478	27.93	HAA	1/1/1963	7645	3	LT	T	I1	I11	I04	163	25.07	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/27/2011		
142S	106	205091428	3.21	3.80	0.219	10.750	478	33.52	HAA	1/1/1961	3127	3	LT	T	I1	I11	I04	163	23.38	Yes	No	No	Yes	No							

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EG THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EO PLAN	IC PLAN	SCC PLAN		
142S	114.5	205120946	8.70	8.73	0.365	10.750	478	20.11	HAA	1/1/1976	168	3	LT	T	I1	I11	I04	163	23.80	Yes	Yes	No	No	No	Yes	Yes	No	Yes	10/27/2011	10/26/2011		
142S	116	205120952	8.80	8.90	0.219	10.750	478	27.93	HAA	1/1/1963	592	3	LT	T	I1	I11	I04	163	39.71	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/27/2011	10/26/2011		
142S	116.1	205131206	8.90	8.98	0.219	10.750	478	27.93	HAA	1/1/1963	442	3	LT	T	I6	I11	I04	163	38.89	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/27/2011			
142S	116.8	205120950	9.08	9.27	0.188	8.625	300	19.66	HAA	1/1/1947	998	3	LT	T	I1	E14	E07	104	34.28	Yes	No	No	Yes	No	Yes	Yes	No	Yes	5/2/2014			
142S	117.1	205163499	9.32	9.40	0.188	8.625	300	19.66	HAA	1/1/1947	405	3	LT	T	I3	E14		104	38.24	Yes	No	No	Yes	No	Yes	Yes	No	Yes	9/7/2017			
142S	118	205120955	9.97	10.36	0.250	12.750	300	21.86	HAA	1/1/1947	2042	3	LT	T	I1	E14	E07	153	26.41	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	5/2/2014		
142S	118.2	205091230	10.36	10.37	0.322	8.625	300	11.48	FBE	1/1/1999	26	3	LT	T	I1	E14	E07	104	15.26	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/2/2014		
142S	118.4	205091231	10.37	10.42	0.322	8.625	300	11.48	FBE	1/1/1999	349	3	LT	T	I1	E14	E07	104	15.26	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/2/2014		
142S	118.6	205091233	10.42	10.44	0.188	8.625	300	16.38	FBE	1/1/1999	81	3	LT	T	I1	E14	E07	104	19.59	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/2/2014		
142S	118.8	205091232	10.44	10.45	0.322	8.625	300	11.48	TAPE	1/1/1999	21	3	LT	T	I1	E14	E07	104	15.26	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/2/2014		
142S	118.9	205091228	10.45	11.27	0.250	12.750	300	21.86	HAA	1/1/1947	4372	3	LT	T	I1	E14	E07	153	18.17	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	5/2/2014		
142S	118.91	205091225	11.27	11.28	0.219	12.750	300	20.79	HAA	1/1/1982	51	3	LT	T	I1	E14	E07	153	16.92	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/2/2014		
142S	118.92	205091226	11.28	11.28	0.250	12.750	300	18.21	HAA	1/1/1982	5	3	LT	T	I1	E14	E07	153	12.23	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/2/2014		
142S	119	205091227	11.28	11.47	0.219	12.750	300	20.79	HAA	1/1/1982	991	3	LT	T	I1	E14	E07	153	16.92	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/2/2014		
142S	119.3	205091222	11.47	11.48	0.250	12.750	300	18.21	HAA		69	3	LT	T	I1	E14	E07	153	27.96	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	5/2/2014			
142S-1	100	205130406	0.00	0.00	0.250	10.750	478	24.47	TAPE	3/26/2004	6	3	LT	T	I6	E14	E07	163	15.98	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/2/2014		
142S-1	101	205130405	0.00	0.22	0.219	10.750	478	27.93	HAA	1/1/1963	1178	3	LT	T	I1	E14	E07	163	21.39	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	5/2/2014		
148-1	100	205084188	0.00	0.00	0.188	-8.625	408	-20.54		1/1/1994	8	3	LT	T	I6	E14		93	24.79	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	1/19/2017		
150-1	218	205148811	0.00	0.00	0.280	6.625	-500	-16.90	TAPE	1/1/1991	14	3	LT	T	I1	E14	E07	103	12.42	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	1/19/2014		
150-1	219	205148813	0.00	0.01	0.280	6.625	-500	-16.90	TAPE	1/1/1991	38	3	LT	T	I1	E14	E07	103	12.42	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	1/19/2014		
150-1	220	205148814	0.01	0.01	0.280	6.625	200	6.76	TAPE	1/1/1991	4	3	LT	T	I1	E14	E07	66	11.84	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	1/19/2014		
1501-01	101.2	205128644	0.55	0.57	-0.141	3.500	-245	-20.27		1/1/1955	118	3	DFM	TP	I5	E11		39	28.21	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011		
1501-01	101.3	205095045	0.57	0.64	-0.156	4.500	-245	-10.10		1/1/1976	359	3	DFM	TP	I5	E11		50	25.79	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011		
1501-01	101.6	205095046	0.64	0.66	-0.141	4.500	-245	-11.17		1/1/1955	133	3	DFM	TP	I5	E11		50	27.94	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011		
1501-01	103	205123331	0.66	0.87	-0.141	3.500	-245	-21.12		1/1/1943	1108	3	DFM	TP	I5	E11		39	28.21	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/31/2011		
1501-01	103.9	205136640	0.87	0.92	-0.141	3.500	-245	-21.12		1/1/1943	247	3	DFM	TP	I5	E15	E08	39	23.11	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/2/2015		
1501-01	104.05	205136639	0.92	0.94	-0.141	4.500	-245	-27.15		1/1/1947	113	3	DFM	TI	I5	E15	E08	50	23.24	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	8/2/2015		
1501-02	104.5	205128646	0.52	0.62	-0.156	6.625	-245	-14.86		1/1/1978	545	3	DFM	TP	I5	E11		73	26.11	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011		
1501-02	105	205123343	0.62	0.82	0.188	6.625	-245	-12.33		1/1/1963	1061	3	DFM	TP	I5	E11		73	29.54	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011		
1501-02	105.2	205123344	0.82	0.88	0.188	6.625	-245	-12.33		1/1/1963	288	3	DFM	TP	I5	E15	E08	73	24.34	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	8/2/2015		
1501-02	105.3	205123345	0.88	0.91	0.156	6.625	-245	-12.39		1/1/1979	176	3	DFM	TP	I5	E15	E08	73	16.96	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	8/2/2015		
1501-02	106	205123347	0.97	1.06	-0.203	12.750	-245	-21.98		1/1/1995	495	3	DFM	TI	B3	E11		139	21.66	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011		
1501-02	107	205163530	1.06	1.09	-0.203	12.750	-245	-21.98		1/1/1995	124	3	DFM	TI	B3	E11		139	21.66	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011		
1501-02	110.8	205122509	3.38	3.49	0.188	6.625	-245	-12.33	HAA	1/1/1965	571	3	DFM	TP	I5	E15	E08	73	19.87	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	8/2/2015		
1501-02	111	205122510	3.49	3.52	0.188	6.625	-245	-12.33		1/1/1966	182	3	DFM	TP	I5	E15	E08	73	24.11	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	8/2/2015		
1501-02	112.1	205142672	4.08	4.22	0.188	6.625	-245	-12.33		1/1/1966	712	3	DFM	TP	I5	E11		73	25.15	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011		
1501-03	100.3	205095044	0.00	0.01	-0.156	-6.625	-245	-14.86		1/1/1978	30	3	DFM	T	I5	E11		73	26.11	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011		
1503-01	112.2	205090806	0.00	0.04	-0.141	-6.625	-250	-30.59			6	3	DFM	T	I5	E11		73	30.51	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/31/2011		
1503-01	112.3	205090807	0.00	0.04	-0.156	6.625	-250	-17.70		1/1/1947	193	3	DFM	T	I5	E11		73	28.30	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011		
1503-01	114	205122506	0.04	0.12	0.156	6.625	-250	-12.64	TAPE	1/1/1976	420	3	DFM	T	I5	E11		73	22.16	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011		
1503-01	114.2	205122507	0.12	0.19	0.156	6.625	-250	-12.64	TAPE	1/1/1976	364	3	DFM	T	I5	E15	E08	73	16.96	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	8/2/2015		
1503-01	114.3	205090788	0.19	0.19	0.188	6.625	-250	-10.49		1/1/1992	43	3	DFM	T	I5	E15	E08	73	15.10	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	8/2/2015		
1503-01	114.6	205090787	0.19	0.21	0.156	6.625	-250	-12.64	TAPE	1/1/1976	102	3	DFM	T	I5	E15	E08	73	16.96	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	8/2/2015		
1503-01	114.9	205090786	0.21	0.27	-0.156	6.625	-250	-15.17	HAA	1/1/1947	305	3	DFM	T	I5	E15	E08	73	18.94	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	8/2/2015		
1509-01	109.3	205135334	0.45	0.57	0.156	4.500	485	16.66	TAPE	1/1/1975	631	3	DFM	T	I6	E15	E10	69	15.04	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	5/17/2015		
1509-01	109.7	205143097	0.67	1.02	0.156	4.500	485	16.66	TAPE	1/1/1975	1870	3	DFM	T	I5	E15	E10	69	19.24	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	5/17/2015		
1509-01	110	205123329	1.02	1.31	0.156	4.500	485	16.66	TAPE	1/1/1975	1539	3	DFM	T	I5	E14	E07	69	19.24	Yes	Yes	No	Yes	No	Yes	Yes	No	No	Yes	2/15/2014	7/9/2014	

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN
1509-05	120.2	205136628	4.93	5.21	0.188	6.625	975	40.90	TAPE	1/1/1989	1456	3	DFM	T	I9	I12		143	29.24	Yes	Yes	No	No	No	Yes	No	Yes	12/17/2012	7/9/2014	
1509-05	120.3	205131079	6.29	6.33	0.188	6.625	975	40.90	TAPE	1/1/1989	233	3	DFM	T	I6	I12		144	36.02	Yes	Yes	No	No	No	Yes	No	Yes	12/17/2012	7/9/2014	
1509-05	121	205123280	6.33	6.49	0.188	6.625	975	40.90	TAPE	1/1/1989	847	3	DFM	T	I5	I12		144	36.02	Yes	Yes	No	No	No	Yes	No	Yes	12/17/2012	7/9/2014	
1511-01	115.7	205160333	0.95	1.05	0.156	4.500	600	24.73	TAPE	1/1/1980	515	3	DFM	T	I5	E11		77	21.82	Yes	No	No	No	No	Yes	No	Yes	12/31/2011		
1511-01	116	205118404	1.05	1.17	0.156	4.500	600	24.73	TAPE	1/1/1980	640	3	DFM	T	I5	E11		77	21.82	Yes	No	No	No	No	Yes	No	Yes	12/31/2011		
1511-01	118.7	205118401	3.39	3.45	0.156	4.500	600	24.73	TAPE	1/1/1980	302	3	DFM	T	I5	E15	E08	77	17.13	Yes	No	No	No	No	Yes	No	Yes	8/2/2015		
1511-01	119	205078380	3.45	3.53	0.156	4.500	600	24.73	TAPE	1/1/1980	430	3	DFM	T	I5	E11		77	23.12	Yes	No	No	No	No	Yes	No	Yes	12/31/2011		
1518-01	107.5	205145867	0.58	0.59	0.188	8.625	500	27.31		1/1/1988	63	3	DFM	T	I2	E15		134	14.84	Yes	No	No	No	No	Yes	No	Yes	12/19/2015		
1518-01	108	205118823	0.59	0.59	0.250	8.625	500	20.54	TAPE	12/31/2003	4	3	DFM	T	I2	E16	E09	134	7.30	Yes	No	No	No	No	Yes	No	Yes	4/3/2016		
1518-01	109	205118828	0.59	0.70	0.188	8.625	500	27.31		1/1/1988	567	3	DFM	T	I1	E16	E09	134	11.70	Yes	No	No	No	No	Yes	No	Yes	4/3/2016		
1518-01	110	205118830	0.70	0.70	0.250	8.625	500	20.54	TAPE	12/31/2003	3	3	DFM	T	I1	E16	E09	134	9.47	Yes	No	No	No	No	Yes	No	Yes	4/3/2016		
1518-01	111	205118834	0.70	0.79	0.188	8.625	500	27.31		1/1/1988	497	3	DFM	T	I1	E16	E09	134	13.87	Yes	No	No	No	No	Yes	No	Yes	4/3/2016		
1518-01	112	205118838	0.79	0.79	0.237	8.625	500	25.99	TAPE	12/31/2003	9	3	DFM	T	I1	E16	E09	134	13.87	Yes	No	No	No	No	Yes	No	Yes	4/3/2016		
1518-01	113	205118844	0.79	0.85	0.188	4.500	500	33.24		1/1/1949	310	3	DFM	T	I1	E16	E09	70	18.40	Yes	No	No	No	Yes	No	Yes	4/3/2016			
1518-01	114	205118845	0.85	0.85	0.237	4.500	500	13.56	TAPE	12/31/2003	3	3	DFM	TP	I1	E16	E09	70	13.18	Yes	No	No	No	No	Yes	No	Yes	4/3/2016		
1518-01	115	205118841	0.85	0.92	0.156	4.500	500	17.17		1/1/1980	345	3	DFM	TP	I1	E16	E09	70	13.18	Yes	No	No	No	No	Yes	No	Yes	4/3/2016		
1518-01	116	205118847	0.92	0.92	0.237	4.500	500	13.56		12/31/2003	2	3	DFM	TP	I1	E16	E09	70	13.18	Yes	No	No	No	No	Yes	No	Yes	4/3/2016		
1518-01	117	205118851	0.92	1.03	0.188	4.500	500	33.24		1/1/1949	619	3	DFM	T	I1	E16	E09	70	18.40	Yes	No	No	Yes	No	Yes	No	Yes	4/3/2016		
1518-01	118	205118853	1.03	1.03	0.237	4.500	500	13.56	TAPE	12/31/2003	5	3	DFM	TP	I1	E16	E09	70	13.18	Yes	No	No	No	No	Yes	No	Yes	4/3/2016		
1518-01	119	205118854	1.03	1.07	0.188	4.500	500	33.24		1/1/1949	193	3	DFM	T	I1	E16	E09	70	18.40	Yes	No	No	Yes	No	Yes	No	Yes	4/3/2016		
1518-01	120	205089725	1.07	1.07	0.237	4.500	500	13.56	TAPE	12/31/2003	8	3	DFM	TP	I1	E16	E09	70	13.18	Yes	No	No	No	No	Yes	No	Yes	4/3/2016		
1518-01	121	205118857	1.07	1.20	0.188	4.500	500	33.24		1/1/1949	659	3	DFM	T	I1	E16	E09	70	18.40	Yes	No	No	Yes	No	Yes	No	Yes	4/3/2016		
1518-01	122	205118019	1.20	1.20	0.237	4.500	500	13.56	TAPE	12/31/2003	3	3	DFM	TP	I1	E16	E09	70	13.18	Yes	No	No	No	No	Yes	No	Yes	4/3/2016		
1518-01	123	205126644	1.20	1.30	0.188	4.500	500	33.24		1/1/1949	535	3	DFM	T	I1	E16	E09	70	18.40	Yes	No	No	Yes	No	Yes	No	Yes	4/3/2016		
1518-01	123.5	205131037	1.30	1.37	0.188	4.500	500	33.24		1/1/1949	381	3	DFM	T	I7	E16	E09	70	18.40	Yes	No	No	Yes	No	Yes	No	Yes	4/3/2016		
1518-01	123.7	205161189	1.37	1.39	0.188	4.500	500	33.24		1/1/1949	119	3	DFM	T	I3	E16		70	20.78	Yes	No	No	Yes	No	Yes	No	Yes	7/28/2017		
1518-02	102	205133512	0.01	0.01	0.375	24.000	500	26.67	FBE	9/27/2006	6	3	DFM	T	A9	E12		371	7.81	Yes	No	No	No	No	Yes	No	Yes	12/17/2012		
1518-02	103	205133517	0.01	1.77	0.375	24.000	500	26.67	FBE	9/27/2006	9351	3	DFM	T	A9	E12		371	7.81	Yes	No	No	No	No	Yes	No	Yes	12/17/2012		
1518-02	104	205133518	1.77	1.78	0.375	24.000	500	26.67	FBE	9/27/2006	34	3	DFM	T	A9	E12		371	10.25	Yes	No	No	No	No	Yes	No	Yes	12/17/2012		
1518-03	110.5	205154428	3.81	3.98	0.250	10.750	500	20.67	FBE	9/27/2006	943	3	DFM	T	I9	E12		167	10.52	Yes	No	No	No	No	Yes	No	Yes	12/17/2012		
1519-01	101.6	205119049	0.43	0.57	0.156	6.625	500	30.33	XTRUPL	1/1/1971	751	3	DFM	T	I5	E14	E07	103	23.88	Yes	No	No	Yes	No	Yes	No	Yes	3/7/2014		
1519-01	102.1	205119052	0.78	1.01	0.156	6.625	500	25.28		1/1/1973	1216	3	DFM	T	I5	E14	E07	103	22.19	Yes	No	No	No	No	Yes	No	Yes	3/7/2014		
1519-01	102.3	205078508	1.01	1.02	0.188	6.625	500	20.98	TAPE	1/1/1998	63	3	DFM	T	I5	E14	E07	103	20.92	Yes	No	No	No	No	Yes	No	Yes	3/7/2014		
1519-01	102.6	205078509	1.02	1.10	0.156	6.625	500	25.28		1/1/1973	413	3	DFM	T	I5	E14	E07	103	22.19	Yes	No	No	No	No	Yes	No	Yes	3/7/2014		
1519-01	102.9	205078510	1.10	1.13	0.156	6.625	500	25.28		1/1/1985	124	3	DFM	T	I5	E14	E07	103	21.37	Yes	No	No	No	No	Yes	No	Yes	3/7/2014		
1519-01	104	205078511	1.13	1.29	0.156	6.625	500	25.28		1/1/1973	843	3	DFM	T	I5	E14	E07	103	22.19	Yes	No	No	No	No	Yes	No	Yes	3/7/2014		
1519-01	105	205119053	1.29	1.34	0.156	6.625	500	25.28		1/1/1976	274	3	DFM	T	I5	E14	E07	103	22.98	Yes	No	No	No	No	Yes	No	Yes	3/7/2014		
1519-01	105.2	205119056	1.43	1.48	0.156	6.625	500	25.28		1/1/1976	258	3	DFM	T	I5	E14	E07	103	22.19	Yes	No	No	No	No	Yes	No	Yes	3/7/2014		
1519-01	105.3	205119057	1.48	1.51	-0.156	6.625	500	-30.33		1/1/1991	165	3	DFM	T	I5	E14	E07	103	28.08	Yes	No	No	Yes	No	Yes	No	Yes	3/7/2014		
1519-01	107.1	205145869	1.65	1.68	-0.156	6.625	500	-30.33		1/1/1967	176	3	DFM	T	I2	E14		103	32.60	Yes	No	No	Yes	No	Yes	No	Yes	12/19/2015		
1519-01	107.3	205119060	1.68	1.74	0.188	6.625	500	-25.17		1/1/1967	312	3	DFM	T	I5	E14	E07	103	25.52	Yes	No	No	Yes	No	Yes	No	Yes	3/7/2014		
1519-01	108	205119061	1.74	1.83	0.156	6.625	500	-25.28		1/1/1975	448	3	DFM	T	I5	E14	E07	103	22.03	Yes	No	No	No	No	Yes	No	Yes	3/7/2014		
1519-01	108.4	205119065	1.92	2.01	0.156	6.625	500	-25.28		1/1/1975	473	3	DFM	T	I5	E14	E07	103	19.89	Yes	No	No	No	No	Yes	No	Yes	3/7/2014		
1519-01	108.6	205143973	2.01	2.03	0.156	6.625	500	-25.28		1/1/1975	120	3	DFM	T	I2	E14		103	25.17	Yes	No	No	No	No	Yes	No	Yes	12/19/2015		
1519-01	108.8	205143987	2.03	2.03	0.280	6.625	500	16.90	FBE	7/3/2008	41	3	DFM	TP	I6	E14		103	12.08	Yes	No	No	No	No	Yes	No	Yes	2/20/2016		
1519-01	108.9	205143989	2.03	2.03	0.280	6.625	500	16.90	FBE	7/3/2008	4	3	DFM	TP	I6	E14		103	12.08	Yes	No	No	No	No	Yes	No	Yes	2/20/2016		
1519-01	108.95	205143990	2.03	2.03	0.280	6.625	500	16.90	FBE	7/3/2008	68	3	DFM	TP	I6	E14		103	12.08	Yes	No	No	No	No	Yes	No	Yes	2/20/2016		
1519-01	109	205145870	2.03	2.08	0.280	6.625	500	16.90		1/1/1991	228	3	DFM	TP	I2	E14		103	15.12	Yes	No	No	Yes	No	Yes	No	Yes	12/19/2015		
1519-01	109.15	205154013	2.13	2.29	0.280	6.625	500	16.90		1/1/1991	836	3	DFM	TP	I6	E14		103	17.26	Yes	No	No	Yes	No	Yes	No	Yes	9/21/2016		
1519-01	109																													



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN
1523-01	173	205126311	2.46	2.46	0.322	8.625	500	19.13	TAPE	1/6/2005	1	3	DFM	TP	I7	E12		134	11.26	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
1523-01	174	205126313	2.46	2.48	0.188	8.625	500	22.06	FBE	1/6/2005	97	3	DFM	T	I7	E12		134	14.74	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
1523-01	175	205126315	2.48	2.48	0.322	8.625	500	19.13	TAPE	1/6/2005	1	3	DFM	TP	I7	E12		134	11.26	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
1523-01	176	205126317	2.48	2.48	0.322	8.625	500	19.13	FBE	1/6/2005	2	3	DFM	TP	I7	E12		134	10.10	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
1523-01	177	205126319	2.48	2.48	0.322	8.625	500	19.13	TAPE	1/6/2005	1	3	DFM	TP	I7	E12		134	13.43	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
1523-01	178	205126321	2.48	2.58	0.188	8.625	500	22.06	FBE	1/6/2005	492	3	DFM	T	I7	E12		134	16.91	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
1523-01	179	205126323	2.58	2.58	0.250	8.625	500	20.54	TAPE	1/6/2005	1	3	DFM	T	I7	E12		134	13.78	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
153-2	100.3	205136374	0.00	0.00	0.313	20.000	246	22.49	HAA	1/1/1949	3	3	LT	T	I1	E12	E07	217	19.88	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/6/2012
153-2	100.8	205136375	0.00	0.03	0.313	20.000	246	22.49	HAA	1/1/1949	162	3	LT	T	I1	E12	E07	217	25.77	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/6/2012
153-2	101.3	205135486	0.03	0.06	0.313	20.000	246	22.49	HAA	1/1/1949	157	3	LT	T	I1	E12	E07	217	24.82	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/6/2012
153-6	101	205135463	0.00	0.00	0.375	20.000	246	-24.85	HAA	1/1/1949	4	3	LT	T	I1	E12	E07	217	23.31	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/6/2012
153-6	101.5	205135464	0.00	0.03	0.375	20.000	246	-24.85	HAA	1/1/1949	170	3	LT	T	I1	E12	E07	217	24.03	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/6/2012
1601-09	115	205120541	0.00	0.47	-0.156	6.625	365	-22.14		1/1/1949	2501	3	DFM	T	I5	E14	E07	88	30.85	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	8/12/2014
1601-09	125	205120544	0.78	0.86	-0.156	6.625	365	-22.14		1/1/1949	412	3	DFM	T	I6	E14		88	35.31	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/9/2017
1602-01	101	205148943	0.00	0.00	0.188	8.625	408	22.28	TAPE	1/1/1989	3	3	DFM	T	I5	E16	E09	121	13.78	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1602-01	101.5	205148947	0.00	0.01	0.188	8.625	408	22.28	TAPE	1/1/1989	53	3	DFM	T	I5	E16	E09	121	13.78	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1602-01	102	205152360	0.01	0.05	0.188	8.625	408	22.28	TAPE	1/1/1989	224	3	DFM	T	I5	E16	E09	121	13.78	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1602-01	102.4	205148949	0.58	0.69	0.188	8.625	408	22.28	TAPE	1/1/1989	586	3	DFM	T	I5	E16	E09	121	16.88	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1602-01	102.5	205148950	0.69	0.70	0.188	8.625	408	22.28	TAPE	1/1/1989	39	3	DFM	T	I5	E16	E09	121	16.88	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1602-01	103.2	205152363	0.45	0.58	0.188	8.625	408	22.28	TAPE	1/1/1989	707	3	DFM	T	I9	E16		121	19.19	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/11/2016
1603-01	204	205122411	0.19	0.37	0.188	8.625	408	22.28	HAA	1/1/1959	915	3	DFM	T	I5	E14	E07	121	21.12	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	8/23/2014
1603-01	206	205122415	0.82	1.24	0.188	8.625	408	22.28	HAA	1/1/1959	2178	3	DFM	T	I5	E14	E07	121	20.90	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	8/23/2014
1606-01	202	205087250	0.01	0.06	0.188	8.625	412	-28.13		1/1/1967	250	3	DFM	T	I9	E16		122	24.16	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	8/12/2016
1607-01	103.1	205121331	0.24	0.51	-0.141	8.625	175	-22.30		1/1/1930	1391	3	DFM	TP	I5	E14	E07	80	29.67	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/23/2014
1607-01	105	205121333	0.84	1.00	-0.141	8.625	175	-22.30		1/1/1935	833	3	DFM	TP	I5	E14	E07	80	30.40	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/23/2014
1607-01	105.1	205152759	1.00	1.02	-0.141	8.625	175	-22.30		1/1/1935	104	3	DFM	TP	I9	E14	E07	80	30.40	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/23/2014
1607-01	107.6	205152762	1.35	1.45	-0.188	10.750	175	-14.30		1/1/1965	532	3	DFM	TP	I5	E14	E07	99	25.28	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	8/23/2014
1607-01	108	205073221	1.45	1.62	-0.141	8.625	175	-22.30		1/1/1935	898	3	DFM	TP	I5	E14	E07	80	37.81	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	8/23/2014
1607-01	109	205073287	1.62	1.62	0.322	8.625	175	6.70	TAPE	7/19/2000	6	3	DFM	TP	I5	E14	E07	80	15.06	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	8/23/2014
1607-01	109.01	205073288	1.62	1.63	0.188	8.625	175	9.56	TAPE	7/19/2000	34	3	DFM	TP	I5	E14	E07	80	19.34	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	8/23/2014
1607-01	109.02	205073289	1.63	1.63	0.322	8.625	175	6.70	TAPE	7/19/2000	4	3	DFM	TP	I5	E14	E07	80	15.06	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	8/23/2014
1607-01	109.03	205073290	1.63	1.64	0.188	8.625	175	9.56	TAPE	7/19/2000	46	3	DFM	TP	I5	E14	E07	80	19.34	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	8/23/2014
1607-01	109.04	205073291	1.64	1.64	0.322	8.625	175	6.70	TAPE	7/19/2000	4	3	DFM	TP	I5	E14	E07	80	15.06	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	8/23/2014
1607-01	109.05	205073292	1.64	1.65	0.188	8.625	175	9.56	TAPE	7/19/2000	55	3	DFM	TP	I5	E14	E07	80	19.34	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	8/23/2014
1607-01	109.06	205073293	1.65	1.65	0.322	8.625	175	6.70	TAPE	7/19/2000	4	3	DFM	TP	I5	E14	E07	80	15.06	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	8/23/2014
1608-01	100	205162340	0.00	0.01	0.375	12.750	412	20.01	XTRUPL	1/1/1990	55	3	DFM	T	A5	E16	E09	180	6.24	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1608-01	100.5	205162341	0.01	0.02	0.375	12.750	175	8.50	XTRUPL	1/1/1990	76	3	DFM	T	A5	E16	E09	117	5.80	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1608-01	101	205095610	0.02	0.36	0.281	12.750	175	9.45	XTRUPL	1/1/1991	1782	3	DFM	T	B5	E16	E09	117	3.64	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1608-01	102.4	205073170	0.36	0.37	0.375	12.750	175	8.50	TAPE	5/12/2000	35	3	DFM	TP	I5	E16	E09	117	3.64	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1608-01	102.5	205073171	0.37	0.39	0.375	12.750	175	8.50	PC	5/12/2000	130	3	DFM	TP	I5	E16	E09	117	3.64	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1608-01	102.6	205073169	0.39	0.40	0.375	12.750	175	8.50	TAPE	5/12/2000	51	3	DFM	TP	I5	E16	E09	117	5.80	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1608-01	103	205073157	0.40	0.89	0.250	12.750	175	10.63	XTRUPL	1/1/1985	2580	3	DFM	TP	B5	E16	E09	117	6.14	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1608-01	104	205073156	0.89	0.89	0.250	12.750	175	10.63	XTRUPL	1/1/1985	9	3	DFM	TP	I5	E16	E09	117	6.14	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1608-01	105	205073158	0.89	1.29	0.281	12.750	175	9.45	TAPE	1/1/1998	2067	3	DFM	TP	I5	E16	E09	117	5.80	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1609-01	101	205152919	0.00	0.25	0.188	8.625	412	22.50	XTRUPL	1/1/1989	1342	3	DFM	T	I5	E14	E07	122	16.81	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/23/2014
1609-01	101.7	205152923	0.42	0.52	0.188	8.625	412	22.50	XTRUPL	1/1/1989	543	3	DFM	T	I5	E14	E07	122	16.81	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/23/2014
1609-01	101.8	205152925	0.52	0.63	0.188	8.625	412	22.50	XTRUPL	1/1/1989	578	3	DFM	T	I5	E14	E07	122	16.81	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/23/2014
1609-01	102.4	205152929	1.21	1.28	0.156	6.625	412	20.83	XTRUPL	1/1/1990	418	3	DFM	T	I5	E14	E07	94	17.30	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/23/2014
1609-01	103.1	20512131																												



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	IC PLAN	IC PLAN	SCC PLAN
1611-03	109	205161224	0.00	0.00	0.365	10.750	412	17.33	TAPE	1/1/1990	5	3	DFM	T	I5	E16	E09	152	10.42	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1611-03	109.5	205161221	0.12	0.12	0.219	10.750	412	24.08	TAPE	1/1/1990	3	3	DFM	T	I5	E16	E09	152	15.21	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1611-03	109.7	205161225	0.00	0.12	0.219	10.750	412	24.08	TAPE	1/1/1990	642	3	DFM	T	I5	E16	E09	152	14.00	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1611-03	110	205162055	0.12	0.12	0.219	10.750	412	24.08	TAPE	1/1/1990	3	3	DFM	T	B5	E16	E09	152	15.21	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1611-03	110.2	205162056	0.12	0.13	0.219	10.750	412	24.08	TAPE	1/1/1990	51	3	DFM	T	B5	E16	E09	152	14.00	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1611-03	110.5	205161219	0.13	0.16	0.219	10.750	412	24.08	TAPE	1/1/1990	130	3	DFM	T	B5	E16	E09	152	14.00	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1611-03	110.7	205161217	0.16	0.23	0.219	10.750	412	24.08	TAPE	1/1/1990	387	3	DFM	T	B5	E16	E09	152	14.00	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1611-03	111	205073317	0.23	0.58	0.188	6.625	412	17.28	TAPE	1/1/1968	1831	3	DFM	TP	B5	E16	E09	94	18.96	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014
1611-03	112	205121289	0.58	0.61	0.188	8.625	412	22.50	TAPE	1/1/1968	146	3	DFM	T	I5	E16	E09	122	18.90	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014
1611-03	112.5	205121293	0.76	0.97	0.188	8.625	412	22.50	TAPE	1/1/1968	1128	3	DFM	T	I5	E16	E09	122	19.70	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014
1611-03	112.8	205121296	1.28	1.41	0.188	8.625	412	22.50	TAPE	1/1/1968	697	3	DFM	T	I5	E16	E09	122	19.70	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014
1611-03	113	205161214	1.41	1.90	0.188	8.625	412	22.50	TAPE	1/1/1968	2585	3	DFM	T	B5	E16	E09	122	18.90	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014
1611-03	113.5	205161215	1.90	2.19	0.188	8.625	412	22.50	TAPE	1/1/1968	1669	3	DFM	T	B5	E16	E09	122	18.90	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014
1611-03	114	205121297	2.19	2.42	0.188	8.625	412	22.50	TAPE	1/1/1990	1214	3	DFM	T	I5	E16	E09	122	14.53	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1611-03	118	205121301	3.00	3.16	0.188	8.625	412	22.50	TAPE	1/1/1990	835	3	DFM	T	A5	E16	E09	122	14.53	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1611-03	124	205161210	3.83	4.29	0.188	8.625	412	22.50	TAPE	1/1/1990	2444	3	DFM	T	B5	E16	E09	122	17.74	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/3/2014
1611-03	125	205161211	4.29	4.30	0.188	8.625	412	22.50	TAPE	1/1/1990	39	3	DFM	T	B5	E16	E09	122	17.74	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/3/2014
1611-04	100	205161230	0.00	0.00	0.219	8.625	412	19.32	TAPE	1/1/1990	2	3	DFM	TP	I5	E16	E09	122	17.21	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1611-04	100.5	205161231	0.00	0.02	0.219	8.625	412	19.32	TAPE	1/1/1990	83	3	DFM	TP	I5	E16	E09	122	17.21	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1611-04	101	205161232	0.02	0.28	0.219	10.750	412	24.08	TAPE	1/1/1990	1367	3	DFM	T	I5	E16	E09	152	14.00	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1611-04	102	205161233	0.28	0.28	0.219	10.750	412	24.08	TAPE	1/1/1990	3	3	DFM	T	I5	E16	E09	152	14.76	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1611-04	105	205162057	0.28	0.28	0.219	10.750	412	24.08	TAPE	1/1/1990	4	3	DFM	T	I5	E16	E09	152	14.76	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1611-04	105.5	205162058	0.28	0.69	0.219	10.750	412	24.08	TAPE	1/1/1990	2191	3	DFM	T	I5	E16	E09	152	14.00	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1611-04	106	205161223	0.69	0.69	0.219	10.750	412	24.08	TAPE	1/1/1990	4	3	DFM	T	I5	E16	E09	152	14.76	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1613-01	206	205120511	0.91	1.06	0.188	8.625	412	22.50	TAPE	1/1/1964	783	3	DFM	T	I5	E16	E09	122	18.90	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014
1613-01	208	205120515	1.72	1.85	0.188	8.625	412	22.50	TAPE	1/1/1964	669	3	DFM	T	I5	E16	E09	122	16.74	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014
1613-05	310.5	205145820	1.15	1.22	0.188	8.625	412	22.50	TAPE	1/1/1992	347	3	DFM	T	I6	E15		122	19.69	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/18/2015
1613-05	311	205145360	1.22	1.24	0.188	8.625	412	22.50	TAPE	1/1/1992	97	-3	DFM	T	I6	E15		122	21.75	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/18/2015
1614-01	103	205120471	0.09	0.25	0.188	6.625	300	-22.02	HAA	1/1/1934	818	3	DFM	TI	I5	E16	E09	80	21.73	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/3/2014
1614-01	111.3	205139668	3.79	3.82	0.188	6.625	300	27.53	HAA	1/1/1934	133	3	DFM	TI	I6	E16	E09	80	25.85	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/3/2014
1614-01	111.60	205129410	3.82	3.90	0.188	6.625	300	27.53	HAA	1/1/1934	415	3	DFM	TI	I8	E16	E09	80	25.85	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/3/2014
1614-02	205	205120467	0.07	0.29	-0.172	8.625	300	-21.49	TAPE	1/1/1969	1179	3	DFM	TI	I5	E14	E07	104	16.61	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	8/23/2014
1614-04	100	205123609	0.00	0.00	0.280	6.625	300	10.14	XTRUPL	1/1/1985	5	3	DFM	TP	I5	E14	E07	80	17.02	Yes	No	No	No	No	Yes	Yes	No	No	Yes	3/27/2014
1614-04	101	205123610	0.00	0.19	0.156	6.625	300	15.17	XTRUPL	1/1/1985	1016	3	DFM	TP	I5	E14	E07	80	21.30	Yes	No	No	No	No	Yes	Yes	No	No	Yes	3/27/2014
1614-04	105.4	205148718	0.38	0.41	0.188	6.625	300	10.17	FBE	10/8/2008	162	3	DFM	TP	I6	E12		80	20.44	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
1614-04	105.7	205148677	0.41	0.47	0.156	6.625	300	15.17	XTRUPL	1/1/1985	311	3	DFM	TP	I6	E12		80	27.30	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
1614-08	301	205088359	0.00	0.01	-0.172	8.625	-300	-21.49		1/1/1994	62	3	DFM	TI	I5	E14	E07	104	20.78	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	8/23/2014
1614-08	305	205120491	0.01	0.12	-0.156	4.500	-300	-12.36		1/1/1996	585	3	DFM	TP	I5	E14	E07	54	19.98	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	8/23/2014
1614-08	309	205120493	0.56	0.64	-0.141	4.500	-300	-33.24		1/1/1946	408	3	DFM	TI	I5	E14	E07	54	26.67	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/23/2014
1614-13	606	205120479	0.24	0.34	0.156	6.625	300	15.17	TAPE	1/1/1997	509	3	DFM	TP	I5	E14	E07	80	15.36	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/23/2014
1614-13	608.37	205129413	0.79	0.86	0.156	6.625	300	15.17	TAPE	1/1/1997	370	3	DFM	TP	I8	E16	E09	80	13.25	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1614-13	615	205120484	0.97	1.06	-0.156	6.625	-300	-18.20		1/1/1962	466	3	DFM	TP	I5	E14	E07	80	22.33	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	8/23/2014
1614-13	617	205120485	1.06	1.21	0.188	8.625	300	16.38	TAPE	1/1/1994	782	3	DFM	TP	I5	E14	E07	104	16.41	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/23/2014
1614-13	620	205120490	1.71	2.24	0.188	8.625	300	16.38	TAPE	1/1/1994	2810	3	DFM	TP	B5	E14	E07	104	14.27	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/23/2014
1615-01	105	205122425	4.70	4.90	0.250	12.750	408	29.73	HAA	1/1/1955	1023	3	DFM	T	I5	E16	E09	179	18.04	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014
1615-01	105.5	205133818	5.11	5.22	0.250	12.750	408	29.73	HAA	1/1/1955	559	3	DFM	T	I9	E16	E09	179	18.26	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014
1615-01	105.6	205122428	5.22	5.54	0.250	12.750	408	29.73	HAA	1/1/1955	1679	3	DFM	T	B5	E16	E09	179	22.71	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014
1615-01	106	205122429	5.54	5.56	0.250	12.750	408	29.73	TAPE	1/1/1989	114	3	DFM	T	I5	E16	E09	179	16.12	Yes	No	No	No	No	Yes	Yes	No	No	Yes	

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IG PLAN	SCC PLAN
1615-01	117.8	205127696	12.14	12.28	0.250	12.750	408	29.73	HAA	1/1/1954	753	3	DFM	T	I5	E16	E09	179	16.28	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014
1615-01	117.81	205150293	12.28	12.29	0.375	12.750	-408	-19.82	FBE	6/14/2005	59	3	DFM	TP	I5	E16	E09	179	10.43	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1615-01	117.815	205150294	12.29	12.29	0.375	12.750	-408	-19.82	FBE	6/14/2005	70	3	DFM	TP	I5	E16	E09	179	10.43	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1615-01	117.82	205127699	12.29	12.29	0.250	12.750	408	29.73	HAA	1/1/1954	13	3	DFM	T	I5	E16	E09	179	16.28	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014
1615-01	117.91	205126815	12.29	12.32	0.250	12.750	408	29.73	HAA	1/1/1954	134	3	DFM	T	I5	E16	E09	179	16.28	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014
1615-01	117.92	205126619	12.32	12.32	0.281	12.750	-408	-22.04	FBE	6/14/2005	12	3	DFM	T	I5	E16	E09	179	10.68	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1615-01	117.93	205126618	12.32	12.33	0.250	12.750	408	29.73	HAA	1/1/1954	58	3	DFM	T	I5	E16	E09	179	16.28	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014
1615-01	117.95	205126138	12.33	12.33	0.281	12.750	-408	-22.04	FBE	12/7/2004	2	3	DFM	T	I5	E16	E09	179	10.68	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1615-01	118.1	205128105	12.33	12.35	0.219	12.750	408	28.28		1/1/1963	90	3	DFM	T	I5	E16	E09	179	24.35	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014
1615-01	118.2	205127700	12.35	12.35	0.281	12.750	-408	-22.04	FBE	6/14/2005	9	3	DFM	T	I5	E16	E09	179	10.68	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1615-01	118.3	205128108	12.35	12.53	0.219	12.750	408	28.28		1/1/1963	978	3	DFM	T	I5	E16	E09	179	24.35	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014
1615-01	118.7	205142816	13.41	13.56	0.219	12.750	408	28.28		1/1/1963	816	3	DFM	T	I5	E16	E09	179	28.23	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/20/2015
1615-01	119.1	205123831	14.81	15.97	0.219	12.750	408	28.28		1/1/1965	6159	3	DFM	T	I5	E16	E09	179	14.95	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014
1615-01	119.6	205163082	16.42	16.59	0.219	12.750	408	28.28		1/1/1965	897	3	DFM	T	I5	E16	E09	179	12.04	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1615-01	119.65	205163083	16.59	16.68	0.219	12.750	-260	-18.02		1/1/1965	513	3	DFM	T	I5	E16	E09	143	11.47	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1615-01	119.75	205128676	16.83	16.95	0.219	12.750	-260	-18.02		1/1/1965	602	3	DFM	T	I5	E16	E09	143	11.47	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1615-01	119.8	205123838	16.95	17.82	0.219	12.750	-260	-18.02		1/1/1965	4612	3	DFM	T	B5	E16	E09	143	11.47	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1615-01	120	205148915	17.82	18.34	0.219	12.750	-260	-18.02		1/1/1961	2765	3	DFM	T	B5	E16	E09	143	13.41	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014
1615-01	121	205148916	18.34	19.06	0.219	12.750	-260	-18.02		1/1/1961	3784	3	DFM	T	B5	E16	E09	143	13.41	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014
1615-04	102.5	205146162	1.11	1.32	0.375	16.000	720	36.57	TAPE	1/1/1990	1120	3	DFM	T	I6	E12		297	18.64	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
1615-04	104.1	205139946	4.47	4.62	0.281	12.750	720	38.89	TAPE	1/1/1988	759	3	DFM	T	I6	E16	E09	237	13.60	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1615-04	104.4	205122437	4.72	4.88	0.281	12.750	702	37.92	TAPE	1/1/1988	871	3	DFM	T	I5	E16	E09	234	13.58	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1615-04	104.56	205133820	5.05	5.16	0.281	12.750	720	38.89	TAPE	1/1/1988	582	3	DFM	T	I9	E16	E09	237	13.83	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1615-04	104.6	205122441	5.16	6.90	0.281	12.750	720	38.89	TAPE	1/1/1988	9273	3	DFM	T	B5	E16	E09	237	13.83	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014
1615-07	101	205148929	0.00	0.00	-0.141	3.500	720	-62.06			2	3	DFM	TI	I5	E14	E09	66	33.94	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/3/2014
1615-07	101.5	205148930	0.00	0.01	-0.141	3.500	720	-62.06			48	3	DFM	TI	I5	E14	E09	66	33.94	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/3/2014
1615-07	102	205148931	0.01	0.23	-0.141	3.500	720	-69.57		1/1/1972	1197	3	DFM	TI	I5	E14	E09	66	26.53	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014
1615-07	102.2	205148932	0.23	0.25	-0.141	3.500	720	-59.57		1/1/1972	109	3	DFM	TI	I5	E14	E09	66	25.55	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014
1617-01	100	205118536	0.00	0.00	0.280	6.625	365	12.34	TAPE	1/5/2004	13	3	DFM	T	I5	E14	E07	88	16.23	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	8/12/2014
1617-01	101	205086937	0.00	0.03	0.188	8.625	365	19.93		6/19/1974	154	3	DFM	TP	I5	E14	E07	114	26.76	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	8/12/2014
1617-01	102	205120545	0.03	0.31	0.188	8.625	365	19.93	XTRUPL	1/1/1969	1452	3	DFM	TP	I5	E14	E07	115	29.95	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	8/12/2014
1617-01	103.5	205120550	0.61	0.82	0.188	6.625	365	15.31	HAA	1/1/1968	1092	3	DFM	TP	I5	E14	E07	88	31.35	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	8/12/2014
1617-01	104	205120551	0.82	0.88	-0.141	6.625	365	-35.73		1/1/1930	322	3	DFM	TI	I5	E14	E07	88	37.72	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	8/12/2014
1617-01	104.2	205161951	0.88	0.98	-0.141	6.625	365	-35.73		1/1/1930	547	3	DFM	TI	I9	E14		88	42.96	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	8/12/2016
1622-01	208.5	205123130	0.93	1.00	-0.141	3.500	-300	-24.82		1/1/1971	352	3	DFM	TI	I1	E11		42	26.45	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
162A	102.8	205120522	1.53	1.68	0.188	10.750	365	24.85	HAA	1/1/1967	787	3	LT	T	I5	E14	E07	143	16.08	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	8/12/2014
162A	103	205120523	1.68	1.82	0.188	10.750	365	24.85	HAA	1/1/1967	760	3	LT	T	I5	E14	E07	143	16.89	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	8/12/2014
162A	105.09	205120526	3.80	3.81	0.188	10.750	365	24.85	HAA	1/1/1969	63	3	LT	T	I5	E14	E07	142	19.14	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	8/12/2014
162A	105.1	205095089	3.81	3.82	0.250	10.750	365	18.68	FBE	3/26/2003	61	3	LT	T	I5	E14	E07	142	10.15	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	8/12/2014
162A	105.2	205095090	3.82	4.41	0.188	10.750	365	24.85	HAA	1/1/1969	3125	3	LT	T	I5	E14	E07	142	19.14	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	8/12/2014
162A	106	205120527	4.41	4.42	0.219	10.750	365	21.33	HAA	1/1/1968	41	3	LT	T	I5	E14	E07	142	20.22	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	8/12/2014
162A	107	205095054	4.65	4.76	0.219	10.750	365	21.33	HAA	1/1/1968	600	3	LT	T	I5	E14	E07	142	20.22	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	8/12/2014
162A	108	205095055	4.76	5.01	0.188	10.750	365	24.85	HAA	1/1/1969	1324	3	LT	T	I5	E14	E07	142	19.14	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	8/12/2014
162A	109	205095056	5.01	5.14	0.188	10.750	365	24.85	HAA	1/1/1969	663	3	LT	T	I51	E14	E07	142	19.14	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	8/12/2014
162A	110	205120529	5.14	5.33	-0.188	10.750	365	-24.85	HAA	1/1/1972	1004	3	LT	T	I5	E14	E07	142	17.09	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	8/12/2014
162A	111.15	205133813	5.72	5.82	0.219	10.750	365	17.23	TAPE	1/1/1989	599	3	LT	T	I9	E10		143	22.76	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	8/24/2017
162A	111.2	205120534	5.85	6.04	0.219	10.750	365	17.23	TAPE	1/1/1989	1210	3	LT	T	B5	E14	E07	142	18.06	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	8/12/2014
162A	111.3	205095066	6.04	6.05	0.280	6.625	365	12.34	TAPE	1/1/1990	47	3	LT	T	I5	E14	E07	88	16.23	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EQ PLAN	IC PLAN	SCC PLAN		
172A	138	205089143	58.61	58.80	0.281	20.000	800	54.75	HAA	1/1/1957	1000	3	LT	T	I1	E12	I05	391	20.56	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	5/23/2012		
172A	139	205089144	58.80	59.46	0.281	20.000	800	54.75	HAA	1/1/1957	3469	3	LT	T	I1	E12	I05	391	20.81	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	5/23/2012		
172A	139.6	205089125	59.53	59.57	0.281	20.000	800	54.75	HAA	1/1/1957	200	3	LT	T	I1	E12	I05	391	20.56	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	5/23/2012		
172A	141	205089126	59.57	59.84	0.281	20.000	800	54.75	HAA	1/1/1957	1447	3	LT	T	I1	E12	I05	391	21.48	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	5/23/2012		
172A	142	205089127	59.84	59.97	0.281	20.000	800	54.75	HAA	1/1/1957	689	3	LT	T	I1	E12	I05	391	21.23	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	5/23/2012		
172A	142.3	205089128	59.97	59.99	0.281	20.000	800	54.75	HAA	1/1/1957	90	3	LT	T	I1	E12	I05	391	20.56	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	5/23/2012		
172A	144	205089129	59.99	60.14	0.281	20.000	800	54.75	HAA	1/1/1957	785	3	LT	T	I1	E12	I05	391	20.56	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	5/23/2012		
172A	144.5	205089052	60.14	60.30	0.375	20.000	800	41.03	TAPE	1/1/1994	840	3	LT	T	I1	E12	I05	391	10.60	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	5/23/2012		
172A	145.6	205089054	60.30	60.32	0.281	20.000	800	54.75	HAA	1/1/1957	125	3	LT	T	I1	E12	I05	391	20.56	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	5/23/2012		
172A	145.8	205089135	60.32	60.41	0.281	20.000	800	54.75	HAA	1/1/1957	470	3	LT	T	I1	E12	I05	391	20.56	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	5/23/2012		
172A	147	205089136	60.41	60.92	0.281	20.000	800	54.75	HAA	1/1/1957	2662	3	LT	T	I1	E12	I05	391	21.48	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	5/23/2012		
172A	148	205126185	60.92	61.91	0.281	20.000	800	54.75	HAA	9/18/1957	5236	3	LT	T	B1	E12	I05	391	21.23	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	5/23/2012		
172A	149	205126189	61.91	61.96	0.375	20.000	800	35.56	FBE	3/1/2005	307	3	LT	T	B8	E12	I05	391	11.44	Yes	No	No	No	No	Yes	Yes	No	No	Yes	5/23/2012		
172A	150	205126188	61.96	62.07	0.281	20.000	800	54.75	HAA	1/1/1957	363	3	LT	T	B1	E12	I05	391	20.81	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	5/23/2012		
172A	151	205120848	62.07	62.12	0.281	20.000	800	54.75	HAA	1/1/1957	289	3	LT	T	I1	E12	I05	391	20.81	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	5/23/2012		
172A	152	205163124	62.12	62.23	0.281	20.000	800	54.75	HAA	9/18/1957	539	3	LT	T	I5	E12	I05	391	20.81	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	5/23/2012		
172A	156.6	205120852	66.53	67.50	0.281	20.000	800	54.75	HAA	1/1/1957	5095	1	LT	T	I1	E12	I05	391	26.69	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	5/23/2012		
172A	166	205120861	74.75	75.45	0.281	16.000	500	33.89	HAA	1/1/1957	3758	3	LT	T	I1	E12	E07	248	16.62	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	1/27/2012		
172A	166.4	205078959	75.45	76.60	0.281	16.000	500	33.89	HAA	1/1/1957	6069	3	LT	T	I1	E12	E07	248	19.18	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	1/27/2012		
172A	166.5	205078744	76.60	76.63	0.313	16.000	500	30.48	HAA	1/1/1957	144	3	LT	T	I1	E12	E07	248	16.05	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	1/27/2012		
172A	167.4	205078751	76.63	76.65	0.281	16.000	500	33.89	HAA	1/1/1957	110	3	LT	T	I1	E12	E07	248	16.05	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	1/27/2012		
172A	167.8	205078752	76.65	76.68	0.281	16.000	500	33.89	HAA	1/1/1957	147	3	LT	T	I1	E12	E07	248	18.10	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	1/27/2012		
172A	168.2	205078750	76.68	77.00	0.281	16.000	500	33.89	HAA	1/1/1957	1689	3	LT	T	I1	E12	E07	248	22.70	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	1/27/2012		
172A	169	205078745	77.00	77.31	0.281	16.000	500	33.89	HAA	1/1/1957	1639	3	LT	T	I1	E12	E07	248	18.38	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	1/27/2012		
172A	169.3	205078746	77.31	77.33	0.281	16.000	500	33.89	HAA	1/1/1964	100	3	LT	T	B1	E12	E07	248	21.38	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	1/27/2012		
172A	171	205078917	77.33	78.53	0.281	16.000	500	33.89	HAA	1/1/1957	6353	3	LT	T	B1	E12	E07	248	18.38	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	1/27/2012		
172A	171.3	205120865	78.53	78.55	0.406	12.750	500	22.43	SOMA	1/1/1957	114	3	LT	T	I1	E12	E07	198	12.87	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	1/27/2012		
172A	173	205079019	78.71	79.11	0.281	16.000	500	33.89	HAA	1/1/1957	2157	3	LT	T	I1	E12	E07	248	12.07	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	1/27/2012		
172A	173.3	205079026	79.11	79.13	0.313	16.000	500	30.48	TAPE	1/1/1967	69	3	LT	T	I1	E12	E07	248	10.31	Yes	No	No	No	No	Yes	Yes	No	No	Yes	1/27/2012		
172A	173.6	205079028	79.13	79.13	0.313	16.000	412	25.11	TAPE	1/1/1967	16	3	LT	T	I1	E12	E07	225	8.28	Yes	No	No	No	No	Yes	Yes	No	No	Yes	1/27/2012		
172A-1	171.3L	205120867	78.53	78.55	0.406	12.750	500	22.43	SOMA	1/1/1957	112	3	LT	T	I1	E12	E07	198	12.87	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	1/27/2012		
172A-1	171.4L	205078795	78.53	78.53	0.281	16.000	500	33.89	HAA	1/1/1957	7	3	LT	T	I1	E12	E07	248	14.67	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	1/27/2012		
172C	521	205078952	0.00	0.00	0.250	12.750	500	30.36	HAA	1/1/1957	4	3	LT	T	I1	E15	E10	197	16.63	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	12/19/2015		
172C	522	205078953	0.00	0.01	0.250	12.750	720	43.71	HAA	1/1/1957	38	3	LT	T	I1	E15	E10	237	18.88	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	12/19/2015		
172C	523	205078954	0.01	0.01	0.375	12.750	720	34.97	TAPE	1/18/2001	6	3	LT	T	I1	E15	E10	237	12.01	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
172C	524	205078941	0.01	0.25	0.250	12.750	720	43.71	HAA	1/1/1957	1247	3	LT	T	I1	E15	E10	237	21.17	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	12/19/2015		
172C	525	205078937	0.25	0.25	0.375	12.750	720	34.97	TAPE	1/18/2001	6	3	LT	T	I1	E15	E10	237	7.43	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
172C	526	205078936	0.25	0.25	0.250	12.750	720	43.71	HAA	1/1/1957	16	3	LT	T	I1	E15	E10	237	14.33	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/19/2015		
172D	105	205123104	3.08	3.18	0.156	6.625	800	40.45	TAPE	1/1/1995	531	3	LT	T	I5	E15	E10	130	18.94	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
173-1	101.05	205161192	0.16	0.19	0.188	8.625	500	27.31	HAA	1/1/1965	176	3	LT	T	I3	E12		134	30.71	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
173-1	101.09	205132008	0.19	0.35	0.188	8.625	500	27.31	HAA	1/1/1965	823	3	LT	T	I6	E12		134	30.71	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
173-1	101.2	205119035	0.35	0.73	0.188	8.625	500	27.31	HAA	1/1/1965	2033	3	LT	T	I5	E14	E07	134	29.69	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	3/7/2014		
173-1	103.2	205119039	1.01	1.09	0.188	8.625	500	27.31	HAA	1/1/1986	440	3	LT	T	I5	E14	E07	134	21.94	Yes	No	No	No	No	Yes	Yes	No	No	Yes	3/7/2014		
173-1	104.4	205145875	1.46	1.49	0.188	8.625	500	27.31	HAA	1/1/1986	174	3	LT	T	I2	E14		134	27.30	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
173-15	101	205148721	0.00	0.00	0.322	8.625	500	-19.13		1/1/1989	7	3	LT	T	I5	E14	E07	134	12.28	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	3/7/2014		
173-20	200.5	205145895	11.66	11.76	0.188	8.625	500	27.31	TAPE	1/1/1995	491	3	LT	T	I2	E12		134	19.81	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
173-20	205	205119042	12.35	12.48	0.188	8.625	500	27.31	TAPE	1/1/1995	646	3	LT	T	I5	E14	E07	1														

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN		
177A	131.1	205122718	25.48	25.75	0.219	10.750	819	47.86	HAA	1/1/1954	1456	3	LT	T	I5	E14	E07	213	26.74	Yes	No	No	Yes	No	Yes	Yes	No	Yes	6/6/2014			
177A	132.7	205153992	26.41	26.60	0.219	10.750	819	47.86	HAA	1/1/1954	1070	2	LT	T	I9	E15		213	28.06	Yes	No	No	Yes	No	Yes	Yes	No	Yes	9/19/2016			
177A	133	205153989	26.60	26.63	0.219	10.750	819	47.86	HAA	1/1/1954	139	3	LT	T	I9	E15		213	30.23	Yes	No	No	Yes	No	Yes	Yes	No	Yes	9/19/2016			
177A	136.1	205137819	30.39	30.46	0.250	12.750	819	45.40	HAA	1/1/1958	390	2	LT	T	I8	E11		252	19.24	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011			
177A	136.15	205137821	30.46	30.63	0.250	12.750	819	45.40	HAA	1/1/1958	884	3	LT	T	I8	E11		252	22.57	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011			
177A	136.17	205137822	30.63	30.73	0.250	12.750	819	45.40	HAA	1/1/1958	501	2	LT	T	I8	E11		252	19.24	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011			
177A	158	205153986	45.00	45.32	0.250	12.750	819	45.40	HAA	1/1/1958	1711	1	LT	T	I9	E15		253	16.57	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/1/2017			
177A	166.8	205122725	77.50	78.10	0.250	12.750	819	45.40	HAA	1/1/1958	3164	3	LT	T	I5	E15	E08	253	16.87	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/20/2015			
177A	167	205076039	78.10	78.41	0.250	12.750	819	45.40	HAA	1/1/1958	1636	3	LT	T	I5	E15	E08	253	14.56	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/20/2015			
177A	168	205076040	78.41	79.00	0.250	12.750	819	45.40	HAA	1/1/1958	3123	1	LT	T	I5	E15	E08	253	11.98	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/20/2015		
177A	173.2	205163300	84.39	84.56	0.250	12.750	819	45.40	HAA	1/1/1958	869	1	LT	T	I3	E12		253	20.84	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
177A	174.8	205122161	85.57	85.71	0.250	12.750	819	45.40	HAA	1/1/1958	719	1	LT	T	I5	E15	E08	253	16.34	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/20/2015			
177A	175	205076048	85.71	85.95	0.250	12.750	819	45.40	HAA	1/1/1958	1268	3	LT	T	I5	E15	E08	253	21.49	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/20/2015			
177A	178.1	205122163	88.02	88.50	0.250	12.750	819	45.40	HAA	1/1/1958	2517	1	LT	T	I5	E15	E08	253	10.87	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/20/2015			
177A	179	205164119	88.50	88.83	0.250	12.750	819	45.40	HAA	1/1/1958	1743	3	LT	T	I5	E15	E08	253	14.13	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/20/2015			
177A	179.2	205164120	88.83	88.94	0.250	12.750	819	45.40	HAA	1/1/1958	580	3	LT	T	I5	I11	E08	253	16.87	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/20/2015			
177A	213.25	205144808	170.36	170.38	0.250	12.750	430	23.84	HAA	1/1/1958	106	3	LT	T	I6	E15		183	23.57	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/31/2015		
177A	213.3	205103331	170.38	170.38	0.406	12.750	430	16.08	HAA	1/1/1958	17	3	LT	T	I6	E15		183	23.10	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/31/2015		
177A	213.6	205103332	170.38	170.39	0.406	12.750	430	16.08	HAA	1/1/1958	78	3	LT	T	I6	E15		183	23.10	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/31/2015		
177A	213.9	205103333	170.39	170.45	0.250	12.750	430	23.84	HAA	1/1/1958	300	3	LT	T	I6	E15		183	23.57	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/31/2015		
177A	214.2	205103334	170.45	170.45	0.406	12.750	430	16.08	HAA	1/1/1958	15	3	LT	T	I5	E15	E08	183	17.82	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/20/2015		
177A	215	205118233	170.45	170.57	0.250	12.750	430	23.84	HAA	1/1/1958	637	3	LT	T	I5	E15	E08	183	18.89	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/20/2015		
177A	216.2	205149458	171.13	171.33	0.250	12.750	430	23.84	HAA	1/1/1958	1017	3	LT	T	I5	E15	E08	183	18.89	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/20/2015		
177A	220	205103295	173.00	173.13	0.281	12.750	430	21.21	HAA	1/1/1958	680	3	LT	T	I5	E15	E08	183	18.18	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/20/2015		
177A	221	205118239	173.13	173.20	0.250	12.750	430	23.84	HAA	1/1/1958	347	3	LT	T	I5	E15	E08	183	18.18	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/20/2015		
177A	221.04	205149460	173.27	173.65	0.250	12.750	430	23.84	HAA	1/1/1958	2018	3	LT	T	B5	E15	E08	183	18.89	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/20/2015		
177A	221.09	205149463	173.71	173.87	0.250	12.750	430	23.84	HAA	1/1/1958	870	3	LT	T	B5	E15	E08	183	18.18	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/20/2015		
177A	221.1	205103298	173.87	173.89	0.313	12.750	430	20.89	HAA	1/1/1958	112	3	LT	T	I5	E15	E08	183	18.89	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/20/2015		
177A	221.3	205103297	173.89	173.89	0.406	12.750	430	-19.29	HAA	1/1/1958	12	3	LT	T	I5	E15	E08	183	22.23	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/20/2015		
177A	222	205103312	173.89	174.00	0.313	12.750	430	20.89	HAA	1/1/1958	473	3	LT	T	I5	E15	E08	183	18.18	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/20/2015		
177A	223	205118245	174.00	174.89	0.313	12.750	430	20.89	HAA	1/1/1958	4674	3	LT	T	I5	E15	E08	183	18.89	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/20/2015		
177A	227.5	205118248	176.30	176.37	0.281	12.750	430	21.21	HAA	1/1/1958	372	3	LT	T	I5	E15	E08	183	18.89	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/20/2015		
177A	228	205118249	176.37	176.49	0.250	12.750	430	26.11	HAA	1/1/1958	625	3	LT	T	I5	E15	E08	183	18.18	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/20/2015		
177A	238.2	205118253	183.48	183.75	0.219	12.750	350	24.26	HAA	1/1/1958	1428	3	LT	T	I5	E14	E07	165	27.97	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	6/6/2014		
177A	244.2	205118257	188.27	188.53	0.219	12.750	350	24.26	HAA	1/1/1958	1345	3	LT	T	I5	E15	E08	166	17.68	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/20/2015		
177A	246.7	205118261	190.26	190.55	0.219	12.750	350	24.26	HAA	1/1/1958	1546	3	LT	T	I5	E15	E08	166	17.68	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/20/2015		
177B	112.1	205144834	6.67	6.76	0.250	10.750	469	24.01	HAA	1/1/1954	450	3	LT	T	I5	E15		162	25.65	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/18/2015			
177B	112.2	205135143	6.76	6.89	0.250	10.750	469	24.01	HAA	1/1/1954	684	2	LT	T	I5	E15	E08	162	17.68	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/20/2015			
177B	112.3	205135144	6.89	7.04	0.250	10.750	469	24.01	HAA	1/1/1954	801	3	LT	T	I5	E15	E08	162	20.86	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/20/2015			
177B	114	205135147	7.26	7.32	0.250	10.750	469	24.01	HAA	1/1/1954	317	2	LT	T	I5	E15	E08	162	17.68	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/20/2015			
177B	114.5	205135148	7.32	7.51	0.250	10.750	469	24.01	HAA	1/1/1954	1018	3	LT	T	I5	E15	E08	162	20.86	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/20/2015			
1813-02	150.3	205083942	1.00	1.06	0.219	10.750	313	21.69	HAA	1/1/1966	316	3	DFM	T	I5	E13	E07	156	12.83	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/30/2013		
1813-02	152	205120812	1.06	1.09	0.219	10.750	313	21.95	HAA	1/1/1941	179	3	DFM	T	I5	E13	E07	132	27.10	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	11/30/2013		
1813-02	166.05	205152812	8.77	8.85	0.219	10.750	313	18.29	HAA	1/1/1941	366	3	DFM	TP	I5	E13		132	29.94	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	8/22/2016		
1813-02	166.1	205113443	8.85	8.86	0.250	10.750	313	16.02	FBE	11/19/2003	16	3	DFM	TP	I5	E13	E07	132	11.18	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/30/2013		
1813-02	166.2	205113445	8.86	8.92	0.250	10.750	313	16.02	PC	11/19/2003	294	3	DFM	TP	I5	E13	E07	132	11.18	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/30/2013		
1813-02	166.3	205113446	8.92	8.93	0.250	10.750	313	16.02	FBE	11/19/2003	43	3	DFM	TP	I5	E13</																



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EG THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	FC PLAN	IC PLAN	SCC PLAN		
1813-02	182	205083954	16.17	16.37	0.188	10.750	313	25.57	HAA	1/1/1952	1278	3	DFM	TI	I5	E13	E07	132	20.31	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/30/2013			
1813-02	182.9	205083955	16.37	16.39	-0.172	8.625	313	-22.42		1/1/1966	100	3	DFM	TI	I5	E13	E07	106	25.23	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/30/2013			
1813-02	183	205083956	16.39	16.40	-0.203	12.750	313	-51.20			31	3	DFM	TI	I5	E11	E07	157	32.09	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	11/30/2011			
1815-02	116	205127180	4.04	4.04	0.250	12.750	313	22.80	HAA	1/1/1942	14	3	DFM	T	I5	E13	E07	156	18.14	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	11/30/2013			
1815-02	118	205088482	4.04	4.08	0.219	12.750	313	21.69	HAA	1/1/1967	211	3	DFM	T	I5	E13	E07	156	15.84	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/30/2013			
1815-02	121	205120780	4.08	4.17	0.219	12.750	313	21.69	HAA	1/1/1967	485	3	DFM	T	I5	E13	E07	156	14.76	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/30/2013		
1815-02	125	205160462	5.96	6.07	0.281	12.750	313	16.91	TAPE	1/1/1987	522	3	DFM	TP	I3	E13		157	13.99	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	8/18/2017		
1815-02	135.2	205146676	7.31	7.42	0.188	8.625	313	17.09	TAPE	1/1/1994	599	3	DFM	TP	I6	E13		106	16.79	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	1/28/2016		
1815-02	180.3	205160350	10.10	10.16	0.322	8.625	313	11.98	PC	8/19/2008	569	3	DFM	TP	I3	E13		106	8.88	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	8/18/2017		
1815-02	208	205120795	14.60	14.75	0.188	8.625	313	17.09	TAPE	1/1/1992	857	3	DFM	TP	I5	E13	E07	106	15.36	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/30/2013		
1815-02	216.2	205160459	15.84	15.97	0.219	8.625	313	25.68	HAA	1/1/1929	697	3	DFM	T	I3	E13		106	33.27	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	8/18/2017			
1815-02	218	205120798	16.28	16.39	0.219	8.625	313	25.68	HAA	1/1/1929	500	3	DFM	T	I5	E13	E07	106	27.88	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	11/30/2013		
1815-02	218.6	205120802	16.46	16.75	0.219	8.625	313	25.68	HAA	1/1/1929	1360	3	DFM	T	I5	E13	E07	106	27.98	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	11/30/2013		
1815-02	224.2	205120805	17.58	17.71	0.219	12.750	313	21.69	TAPE	1/1/1966	693	3	DFM	T	I5	E13	E07	156	17.04	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/30/2013		
1815-02	225	205088515	17.71	18.18	0.219	12.750	313	21.69	TAPE	1/1/1966	2405	3	DFM	T	I5	E13	E07	156	17.85	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/30/2013		
1815-02	226	205088513	18.18	18.76	0.219	12.750	313	21.69	TAPE	1/1/1967	3062	3	DFM	T	B5	E13	E07	156	18.61	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/30/2013		
1815-02	229	205120807	18.97	19.03	0.250	8.625	313	15.43	HAA	1/1/1953	303	3	DFM	TP	I5	E13	E07	106	16.32	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/30/2013		
1815-02	237	205088470	19.03	19.24	0.250	8.625	313	15.43	HAA	12/5/1942	1104	3	DFM	TP	I5	E13	E07	106	27.01	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	11/30/2013		
1815-02	240	205088467	19.24	19.48	0.219	8.625	313	25.68	HAA	1/1/1929	1268	3	DFM	T	I5	E13	E07	106	34.33	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	11/30/2013		
1815-02	243	205088466	19.48	19.49	0.375	12.750	313	12.67	TAPE	1/1/1966	53	3	DFM	TP	I5	E13	E07	156	10.28	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/30/2013		
1815-15	102	205083997	0.00	0.18	0.188	8.625	313	17.09	HAA	1/1/1962	1017	3	DFM	TP	I5	E11		106	23.61	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
1815-15	105	205083993	0.18	0.36	0.188	8.625	313	20.51	HAA	1/1/1950	951	3	DFM	T	I5	E11		106	26.39	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
1815-15	108	205083994	0.36	0.46	0.188	8.625	313	17.09	HAA	1/1/1967	528	3	DFM	TP	I5	E11		106	23.61	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
1815-15	111	205083995	0.46	0.77	0.219	8.625	313	17.61	HAA	1/1/1950	1637	3	DFM	TP	I5	E11		106	21.71	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
1815-15	114	205084048	0.77	1.18	0.219	8.625	313	17.61	HAA	1/1/1951	2164	3	DFM	TP	I5	E11		106	22.50	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
1815-15	115	205120810	1.18	1.33	-0.188	10.750	313	-21.31	HAA	1/1/1967	805	3	DFM	T	I5	E11		132	28.41	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
1815-15	130.3	205121179	2.04	2.13	0.219	10.750	313	18.29	HAA	1/1/1959	437	3	DFM	TP	I5	E11		132	34.56	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
1816-01	201	205082009	0.00	0.00	-0.172	8.625	400	-28.65		1/1/1988	20	3	DFM	TI	A1	E11		120	25.21	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
1816-01	201.1	205082010	0.00	0.01	-0.156	4.500	400	-16.48		1/1/1988	47	3	DFM	TP	A1	E11		63	24.02	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
1816-01	201.2	205082139	0.01	0.04	-0.172	8.625	303	-21.71		1/1/1988	149	3	DFM	TI	A1	E11		105	25.00	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
1816-01	201.3	205082137	0.04	0.13	-0.203	12.750	303	-27.19		1/1/1988	494	3	DFM	TI	B1	E11		154	22.24	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
1816-01	202	205082008	0.13	0.21	0.312	12.750	303	14.74		1/1/1988	404	3	DFM	TP	A1	E11		154	14.02	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
1816-01	203	205082007	0.21	0.36	0.281	12.750	303	16.37	TAPE	1/1/1988	809	3	DFM	TP	I1	E11		154	13.21	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
1816-01	203.3	205082005	0.36	0.43	0.312	12.750	303	14.74	TAPE	1/1/1988	353	3	DFM	TP	I1	E11		154	13.21	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
1816-01	205	205082006	0.43	1.03	0.281	12.750	303	16.37	TAPE	1/1/1988	3181	3	DFM	TP	B1	E11		154	13.21	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
1816-01	206	205082223	1.03	1.15	0.312	12.750	303	14.74	TAPE	1/1/1988	634	3	DFM	TP	I1	E11		154	13.21	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
1816-01	206.3	205082225	1.15	1.17	0.281	12.750	303	16.37	TAPE	1/1/1988	255	3	DFM	TP	I1	E11		154	13.21	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
1816-01	206.6	205082012	1.17	1.19	-0.281	-12.750	303	-19.64	TAPE	1/1/1988	150	3	DFM	TP	I1	E11		154	18.09	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
1816-01	207	205119802	1.34	1.53	0.172	8.625	303	18.09	TAPE	1/1/1975	1019	3	DFM	TP	I1	E11		105	27.29	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
1816-01	207.5	205119803	1.19	1.22	0.172	8.625	303	18.09	TAPE	1/1/1975	144	3	DFM	TP	I1	E11		105	25.55	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
1816-01	208.5	205119945	1.53	2.39	0.281	12.750	303	16.37	TAPE	1/1/1989	4528	3	DFM	TP	B1	E11		154	16.33	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
1816-01	209	205118966	2.39	2.44	0.281	12.750																										



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN		
1816-01	230.3	205081912	13.98	14.06	-0.188	10.750	303	-28.88		1/1/1946	296	3	DFM	TI	I1	E13	E06	130	28.55	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	11/7/2013			
1816-01	230.6	205142604	14.06	14.08	-0.188	10.750	303	-24.75		1/1/1956	103	3	DFM	TI	I1	E13	E06	130	24.15	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/7/2013			
1816-01	231	205142612	14.08	14.08	0.250	10.750	303	12.53	FBE	5/19/2008	4	3	DFM	TP	I9	E13		130	11.16	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/6/2015		
1816-01	231.3	205142614	14.08	14.18	0.250	10.750	303	15.51	FBE	5/19/2008	403	3	DFM	TP	I9	E13		130	11.16	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/6/2015		
1816-01	231.6	205142616	14.18	14.41	0.250	10.750	303	12.53	FBE	5/19/2008	922	3	DFM	TP	I9	E13		130	11.16	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/6/2015		
1816-01	231.9	205144815	14.41	14.42	0.365	10.750	303	12.75	PAINT	5/19/2008	44	3	DFM	TP	I9	E13		130	13.58	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/6/2015		
1816-01	232.5	205142611	14.36	14.66	-0.188	10.750	303	-28.88		1/1/1946	1579	3	DFM	TI	I1	E13	E06	130	26.48	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	11/7/2013			
1816-01	232.6	205082083	14.66	14.70	0.250	10.750	303	18.61	HAA	1/1/1961	232	3	DFM	TP	I1	E13	E06	130	17.19	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/7/2013			
1816-01	232.8	205118208	14.70	14.82	-0.188	10.750	303	-28.88		1/1/1946	1234	3	DFM	TI	I1	E13	E06	130	26.38	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	11/7/2013			
1816-01	233.3	205118211	15.17	15.22	-0.188	10.750	303	-28.88		1/1/1946	525	3	DFM	TI	A1	E13	E06	130	28.55	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	11/7/2013			
1816-01	233.5	205081904	15.22	15.41	0.188	10.750	303	20.63	XTRUPL	1/1/1974	938	3	DFM	T	A1	E13	E06	130	17.08	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2013		
1816-01	234	205082081	15.41	15.78	0.281	10.750	303	16.56	SOMA	1/1/1946	1979	3	DFM	TP	B1	E13	E06	130	18.96	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	11/7/2013			
1816-01	234.3	205081905	15.78	15.79	0.365	10.750	303	12.75	XTRUPL	1/1/1979	49	3	DFM	TP	I7	E17	E10	130	10.92	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/27/2017		
1816-01	235	205118212	15.79	15.97	0.281	10.750	303	16.56		1/1/1946	928	3	DFM	TP	I7	E17	E10	130	18.96	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	4/27/2017			
1816-01	235.5	205118214	15.97	16.32	0.281	10.750	303	16.56		1/1/1946	1857	3	DFM	TP	I1	E13	E06	130	18.96	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	11/7/2013			
1816-01	235.7	205118968	16.32	16.33	0.281	10.750	303	16.56		1/1/1946	92	3	DFM	TP	I1	E13	E06	130	18.96	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	11/7/2013			
1816-01	236	205118217	16.56	16.72	0.281	10.750	303	16.56		1/1/1946	874	3	DFM	TP	I1	E13	E06	130	18.96	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	11/7/2013			
1816-01	236.3	205081915	16.72	16.75	0.281	10.750	303	16.56		1/1/1968	170	3	DFM	TP	I1	E13	E06	130	15.64	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2013		
1816-01	237	205119412	16.75	16.79	0.281	8.625	303	13.29		1/1/1946	230	3	DFM	TP	I1	E13	E06	105	18.71	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	11/7/2013			
1816-01	237.5	205128694	16.79	16.81	0.281	8.625	303	13.29		1/1/1946	122	3	DFM	TP	I7	E17	E10	105	18.71	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	4/27/2017			
1816-01	237.77	205136023	17.07	17.11	0.281	10.750	303	16.56		1/1/1946	227	3	DFM	TP	I9	E17	E10	130	18.96	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	4/27/2017			
1816-01	238	205119414	17.11	17.43	0.281	10.750	303	16.56		1/1/1946	1765	3	DFM	TP	I1	E13	E06	130	18.96	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	11/7/2013			
1816-01	238.5	205151362	17.43	17.45	0.281	10.750	303	16.56		1/1/1946	107	3	DFM	TP	I9	E13	E06	130	20.92	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	11/7/2013			
1816-01	242.5	205144828	17.97	18.01	0.281	10.750	303	16.56	SOMA	1/1/1946	203	3	DFM	TP	I9	E11		130	25.52	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/31/2011			
1816-01	243	205119417	18.01	18.25	0.281	10.750	303	16.56	SOMA	1/1/1946	1278	3	DFM	TP	I1	E13	E06	130	20.92	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	11/7/2013			
1816-02	101	205142605	0.00	0.01	-0.188	10.750	303	-24.75		1/1/1956	16	3	DFM	TI	I1	E13	E06	130	24.15	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2013		
1816-02	102	205142606	0.01	0.12	-0.188	10.750	303	-28.88		1/1/1946	623	3	DFM	TI	I1	E13	E06	130	28.55	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	11/7/2013			
1816-15	301	205081916	0.00	0.47	-0.172	8.625	303	-21.71		1/1/1958	2472	3	DFM	TI	B1	E13	E06	105	33.29	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2013		
1816-15	306	205119421	0.47	0.54	-0.172	8.625	303	-21.71		1/1/1956	359	3	DFM	TI	I1	E13	E06	105	34.33	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2013		
1816-15	309.5	205119423	0.73	0.98	-0.172	8.625	303	-21.71		1/1/1958	1308	3	DFM	TI	I1	E13	E06	105	40.68	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2013		
1816-15	323	205119426	4.65	4.85	-0.172	8.625	303	-21.71		1/1/1958	1078	1	DFM	TI	I1	E13	E06	105	22.19	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2013		
1816-15	325	205098903	4.85	4.91	-0.172	8.625	303	-21.71		1/1/1994	310	1	DFM	TI	I1	E13	E06	105	18.07	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2013		
1816-50	201	205119831	0.00	0.26	0.281	10.750	303	16.56	TAPE	1/1/1952	1403	3	DFM	TP	I1	E17	E10	130	16.28	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	4/27/2017		
1816-50	204	205119836	0.56	0.65	0.281	10.750	303	16.56	TAPE	1/1/1952	463	3	DFM	TP	I1	E17	E10	130	16.28	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	4/27/2017		
1816-50	205	205081970	1.05	1.05	0.281	10.750	303	16.56	TAPE	1/1/1952	366	3	DFM	TP	I1	E13	E06	130	18.23	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2013		
1817-01	100	205081655	0.00	0.00	0.365	10.750	400	16.83	TAPE	1/1/1968	19	3	DFM	T	I1	E13	E06	149	17.22	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2013		
1817-01	100.3	205148739	0.00	0.00	-0.188	10.750	-400	-59.56			23	3	DFM	T	I1	E11	E06	149	36.35	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	11/7/2011			
1817-01	100.7	205148740	0.00	0.00	-0.188	10.750	-400	-59.56			23	3	DFM	T	I1	E11	E06	149	36.35	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	11/7/2011			
1817-01	101	205082143	0.00	0.42	0.250	10.750	-400	-24.57	HAA	1/1/1949	2202	3	DFM	T	I1	E13	E06	149	15.31	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2013		
1817-01	101.3	205081995	0.42	0.49	0.250	10.750	400	18.70	XTRUPL	1/1/1980	133	3	DFM	TP	I1	E13	E06	149	12.46	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2013		
1817-01	101.6	205081996	0.49	0.53	0.250	10.750	400	24.57	HAA	1/1/1949	290	3	DFM	T	I1	E13	E06	149	15.31	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2013		
1817-01	101.9	205081997	0.53	0.54	0.281	10.750	400	18.22	TAPE	1/1/1988	34	3	DFM	TP	I1	E13	E06	149	11.28	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2013		
1817-01	103	205082222	0.54	0.91	0.250	10.750	400	24.57	HAA	1/1/1949	1894	3	DFM	T	I1	E13	E06	149	20.18	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2013		
1817-01	103.3	205119797	0.91	0.96	0.219	12.750	400	27.72		1/1/1975	268	3	DFM	T	I1	E13	E06	176	18.97	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2013		
1817-01	103.7	205118964	0.96	0.97	0.219	12.750	400	27.72		1/1/1975	40	3	DFM	T	I5	E13	E06	176	18.97	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2013		
1817-01	104	205119800	1.06	1.26	0.219	12.750	400	27.72		1/1/1975	1076	3	DFM	T	I1	E13	E06	176	19.74	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2013		
1817-01	104.5	205119805	1.26	1.40	0.250	10.750	400	24.57		1/1/1949	812	3	DF																			

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EO THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EQ PLAN	IC PLAN	SCC PLAN
1818-01	115	205122138	1.59	2.10	0.219	12.750	303	21.00	HAA	1/1/1957	2699	3	DFM	T	I1	E11	E06	154	20.87	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011	
1818-01	115.1	205122142	2.10	2.10	0.281	12.750	303	16.37	FBE	5/28/2004	8	3	DFM	TP	I1	E13	E06	154	5.69	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2013	
1818-01	115.2	205122144	2.10	2.12	0.281	12.750	303	16.37	FBE	5/28/2004	165	3	DFM	TP	I1	E13	E06	154	12.28	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2013	
1818-01	115.3	205122146	2.12	2.12	0.281	12.750	303	16.37	FBE	5/28/2004	3	3	DFM	TP	I1	E13	E06	154	12.28	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2013	
1818-01	115.4	205122148	2.12	2.14	0.281	12.750	303	16.37	FBE	5/28/2004	130	3	DFM	TP	I1	E13	E06	154	12.28	Yes	No	No	No	No	Yes	Yes	No	Yes	11/7/2013	
1818-01	115.5	205122150	2.14	2.17	0.281	12.750	303	16.37	FBE	5/28/2004	213	3	DFM	TP	I1	E13	E06	154	12.28	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2013
1818-01	115.6	205122151	2.17	2.17	0.281	12.750	303	16.37	FBE	5/28/2004	7	3	DFM	TP	I1	E13	E06	154	12.28	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2013
1818-01	115.7	205122137	2.17	2.49	0.219	12.750	303	21.00	HAA	1/1/1957	1712	3	DFM	T	I1	E13	E06	154	20.11	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/7/2013	
1818-01	116	205081980	2.49	2.69	0.312	12.750	303	14.74	HAA	1/1/1957	1062	3	DFM	TP	B1	E13	E06	154	9.60	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2013
1818-01	116.5	205118552	2.69	2.81	0.219	12.750	303	21.00	HAA	1/1/1957	651	3	DFM	T	B1	E13	E06	154	13.47	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2013
1818-01	117	205128712	2.81	2.93	0.219	12.750	303	21.00	HAA	1/1/1957	594	3	DFM	T	I7	E17	E10	154	13.47	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	4/27/2017
1818-01	117.45	205134927	3.05	3.12	0.219	12.750	303	21.00	HAA	1/1/1957	327	3	DFM	T	I6	E17	E10	154	13.68	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	4/27/2017
1818-01	117.5	205118555	3.12	3.92	0.219	12.750	303	21.00	HAA	1/1/1957	4227	3	DFM	T	I1	E13	E06	154	14.50	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2013
1818-01	118	205081983	3.92	3.98	0.203	12.750	303	22.66	TAPE	1/1/1976	322	3	DFM	T	I1	E13	E06	154	14.41	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2013
1818-01	118.5	205081984	3.98	4.00	0.500	12.750	303	-11.04	TAPE	1/1/1976	97	3	DFM	TP	I1	E13	E06	154	9.62	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2013
1818-01	119	205081985	4.00	4.27	0.203	12.750	303	-22.66	TAPE	1/1/1976	1884	3	DFM	T	I1	E13	E06	154	12.43	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2013
1818-01	120	205081981	4.27	4.45	0.219	12.750	303	21.00	HAA	1/1/1957	1198	3	DFM	T	I1	E13	E06	154	13.31	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2013
1818-01	121	205081982	4.45	4.66	0.219	12.750	303	21.00	HAA	1/1/1957	1125	3	DFM	T	I7	E17	E10	154	17.26	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	4/27/2017
1818-01	122	205074314	4.66	4.85	0.219	12.750	303	21.00	HAA	1/1/1957	992	3	DFM	T	I1	E13	E06	154	17.26	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2013
1818-01	146	205118557	13.20	13.24	0.219	12.750	303	21.00	HAA	1/1/1957	215	3	DFM	T	I1	E13	E06	154	19.64	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2013
1818-01	146.3	205074341	13.24	13.26	0.219	12.750	303	21.00	SOMA	1/1/1957	121	3	DFM	T	I1	E13	E06	154	19.64	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2013
1818-01	148.5	205074343	13.26	13.60	0.219	12.750	303	21.00	HAA	1/1/1959	1814	3	DFM	T	I1	E13	E06	154	19.64	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2013
1819-01	425	205118897	2.22	2.34	-0.156	6.625	303	-18.38		1/1/1972	647	3	DFM	TP	I1	E11		80	25.49	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011
1819-01	427	205118898	2.34	2.42	-0.141	3.500	303	-25.07		1/1/1972	399	3	DFM	TI	I1	E11		43	25.41	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011
181A	100.3	205081708	15.31	15.32	0.219	12.750	303	21.00	HAA	1/1/1957	26	3	LT	T	I5	E13	E06	154	14.28	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2013
181A	100.6	205081702	15.32	15.37	0.313	12.750	303	20.60	HAA	1/1/1953	258	3	LT	T	I5	E13	E06	154	8.04	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2013
181A	103.2	205120397	16.62	16.72	0.195	10.750	303	33.14	HAA	1/1/1930	498	3	LT	T	I5	E13	E06	130	25.41	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	11/7/2013
181A	103.3	205081680	16.72	16.72	0.219	10.750	303	17.71	XTRUPL	1/1/1983	12	3	LT	T	I5	E13	E06	130	16.20	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2013
181A	105	205120398	16.72	16.81	0.195	10.750	303	33.14	HAA	1/1/1930	500	3	LT	T	I5	E13	E06	130	25.41	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	11/7/2013
181A	106.8	205120401	18.95	19.00	0.313	12.750	303	20.60	HAA	1/1/1930	286	2	LT	T	I5	E13	E06	154	10.14	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	11/7/2013
181A	107	205082168	19.00	19.65	0.313	12.750	303	20.60	HAA	1/1/1930	3440	3	LT	T	B5	E13	E06	154	13.31	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	11/7/2013
181A	108	205081682	19.65	19.80	0.281	12.750	303	16.37	TAPE	1/1/1997	768	3	LT	T	I5	E13	E06	154	7.89	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2013
181A	108.3	205081722	19.80	19.89	0.375	12.750	303	14.72	TAPE	1/1/1997	460	3	LT	T	I1	E13	E06	154	9.35	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2013
181A	108.6	205081715	19.89	19.91	0.281	12.750	303	16.37	TAPE	1/1/1997	101	3	LT	T	A1	E13	E06	154	7.89	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2013
181A	108.9	205081716	19.91	19.92	0.313	12.750	303	14.72	TAPE	1/1/1988	63	3	LT	T	A1	E13	E06	154	5.69	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2013
181A	109.2	205081714	19.92	19.92	0.281	12.750	303	16.37	TAPE	1/1/1997	5	3	LT	T	A1	E13	E06	154	7.89	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2013
181A	109.5	205081718	19.92	19.93	0.313	12.750	303	14.72	XTRUPL	1/1/1988	73	3	LT	T	A1	E13	E06	154	5.69	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2013
181A	109.8	205081720	19.93	19.93	0.375	12.750	303	14.72	TAPE	1/1/1997	11	3	LT	T	A1	E13	E06	154	7.89	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2013
181A	111	205082144	19.93	20.02	0.313	12.750	303	14.72	XTRUPL	1/1/1988	984	3	LT	T	A1	E13	E06	154	7.89	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2013
181A-10	104.3	205119471	2.21	2.49	0.281	12.750	500	27.01	FBE	1/1/1999	1450	3	LT	T	I5	E13	E06	197	8.31	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2013
181A-10	105.7	205119474	5.50	5.66	0.281	12.750	500	27.01	FBE	1/1/1999	856	3	LT	T	I5	E13	E06	197	8.31	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2013
181A-10	106	205081706	5.66	5.66	0.375	12.750	500	24.29	FBE	1/1/1999	4	3	LT	T	I5	E13	E06	197	8.31	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2013
181A-10	107	205081707	5.66	5.67	0.375	12.750	500	24.29	FBE	1/1/1999	36	3	LT	T	I5	E13	E06	197	8.31	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2013
181A-10	108	205139650	5.67	5.67	0.322	8.625	500	-23.92	TAPE	1/1/1998	10	3	LT	T	I5	E13	E06	134	11.43	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2013
181A-10	109	205139652	5.67	5.67	0.280	6.625	500	-21.13	TAPE	1/1/1998	18	3	LT	T	I5	E13	E06	103	11.25	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2013
181A-10	110	205139653	5.67	5.67	0.322	8.625	500	-23.92	TAPE	1/1/1998	10	3	LT	T	I5	E13	E06	134	11.43	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2013
181B	107.1	205120388	4.08	4.34	0.250	16.000	400	45.71	HAA	1/1/1965	1367	3	LT	T	I5	E13	E06	221	10.06	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2013
181B	109.08	205120391	5.79	5.85	0.281	16.000	400	27.11	HAA	1/1/1965	307	2	LT	T	I5	E13	E06	221	3.52	Yes	No	No	No							

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EG THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN	
191-1	102.2	205093046	9.94	9.94	0.375	20.000	338	25.75	HAA	1/1/1963	3	3	LT	T	I9	E11		255	20.65	Yes	No	No	No	No	Yes	Yes	No	Yes	12/31/2011		
191-1	103	205146220	9.94	10.05	0.313	20.000	338	25.75	HAA	1/1/1960	603	3	LT	T	I9	E11		255	16.09	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011		
191-1	103.01	205164340	10.05	10.07	0.313	20.000	338	25.75	HAA	1/1/1960	82	3	LT	T	I5	E17		255	16.09	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/15/2017		
191-1	103.08	205119152	14.18	14.23	0.313	20.000	338	25.75	HAA	1/1/1960	282	3	LT	T	A5	E13	E06	254	10.27	Yes	No	No	Yes	No	Yes	Yes	No	Yes	6/4/2013		
191-1	103.1	205116695	14.23	14.71	0.313	20.000	338	25.75	HAA	1/1/1960	2493	3	LT	T	B5	E13	E06	254	11.23	Yes	No	No	Yes	No	Yes	Yes	No	Yes	6/4/2013		
191-1	103.14	205116701	15.03	15.35	0.313	20.000	338	25.75	HAA	1/1/1960	1680	3	LT	T	I5	E13	E06	254	10.61	Yes	No	No	Yes	No	Yes	Yes	No	Yes	6/4/2013		
191-1	103.16	205116703	15.35	15.42	0.313	20.000	338	25.75	HAA	1/1/1960	386	3	LT	T	B5	E13	E06	254	10.61	Yes	No	No	Yes	No	Yes	Yes	No	Yes	6/4/2013		
191-1	103.18	205116705	15.42	16.19	0.313	20.000	338	25.75	HAA	1/1/1960	4030	3	LT	T	A5	E13	E06	254	15.52	Yes	No	No	Yes	No	Yes	Yes	No	Yes	6/4/2013		
191-1	103.20	205116707	16.19	16.28	0.313	20.000	338	25.75	HAA	1/1/1960	510	3	LT	T	A5	E13	E06	254	10.38	Yes	No	No	Yes	No	Yes	Yes	No	Yes	6/4/2013		
191-1	103.22	205116709	16.28	16.86	0.313	20.000	338	25.75	HAA	1/1/1960	3066	3	LT	T	A5	E13	E06	254	11.24	Yes	No	No	Yes	No	Yes	Yes	No	Yes	6/4/2013		
191-1	103.23	205134747	16.86	16.96	0.313	20.000	338	25.75	HAA	1/1/1960	486	3	LT	T	I6	E11		255	16.09	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011		
191-1	103.27	205119154	19.02	19.08	0.313	20.000	338	25.75	HAA	1/1/1960	353	3	LT	T	A5	E13	E06	254	10.27	Yes	No	No	Yes	No	Yes	Yes	No	Yes	6/4/2013		
191-1	103.29	205116712	19.08	19.25	0.313	20.000	338	25.75	HAA	1/1/1960	877	3	LT	T	B5	E13	E06	254	11.20	Yes	No	No	Yes	No	Yes	Yes	No	Yes	6/4/2013		
191-1	103.3	205092370	19.25	19.27	0.313	20.000	338	23.51	XTRUPL	1/1/1975	105	3	LT	T	B5	E13	E06	254	11.87	Yes	No	No	No	No	Yes	Yes	No	Yes	6/4/2013		
191-1	104	205092371	19.27	19.77	0.313	20.000	338	25.75	HAA	1/1/1960	2653	3	LT	T	B5	E13	E06	254	10.38	Yes	No	No	Yes	No	Yes	Yes	No	Yes	6/4/2013		
191-1	104.3	205092372	19.77	19.77	0.313	20.000	338	25.75	HAA	1/1/1965	36	3	LT	T	I5	E13	E06	254	14.95	Yes	No	No	No	No	Yes	Yes	No	Yes	6/4/2013		
191-1	105	205092373	19.77	20.46	0.313	20.000	338	25.75	HAA	1/1/1960	3603	3	LT	T	B5	E13	E06	254	8.07	Yes	No	No	Yes	No	Yes	Yes	No	Yes	6/4/2013		
191-1	107.3	205136173	20.84	20.97	0.281	16.000	338	22.91	HAA	1/1/1962	669	3	LT	T	I9	E11		204	15.13	Yes	No	No	No	No	Yes	Yes	No	Yes	12/31/2011		
191-1	107.5	205116716	20.97	21.35	0.281	16.000	338	22.91	HAA	1/1/1962	2037	3	LT	T	I5	E13	E06	203	8.71	Yes	No	No	No	No	Yes	Yes	No	Yes	6/4/2013		
191-1	108	205092449	21.35	21.42	0.281	16.000	338	22.91	HAA	1/1/1967	554	3	LT	T	I5	E13	E06	203	13.97	Yes	No	No	Yes	No	Yes	Yes	No	Yes	6/4/2013		
191-1	109	205092450	21.42	21.68	0.313	16.000	338	16.64	HAA	1/1/1967	1904	3	LT	T	I5	E13	E06	203	12.94	Yes	No	No	Yes	No	Yes	Yes	No	Yes	6/4/2013		
191-1	110	205092451	21.68	22.11	0.281	16.000	338	22.91	HAA	1/1/1962	3146	3	LT	T	B5	E13	E06	204	13.02	Yes	No	No	Yes	No	Yes	Yes	No	Yes	6/4/2013		
191-1	111	205092452	22.11	22.18	0.281	16.000	338	22.91	HAA	1/1/1961	544	3	LT	T	I5	E11		203	17.75	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011		
191-1	111.3	205092453	22.18	22.23	0.281	16.000	338	18.51	XTRUPL	1/1/1984	403	3	LT	T	I5	E11		203	17.06	Yes	No	No	No	No	Yes	Yes	No	Yes	12/31/2011		
191-1	112	205092454	22.23	22.37	0.281	16.000	338	22.91	HAA	1/1/1961	1000	3	LT	T	I5	E11		203	17.53	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011		
191-1	112.3	205092455	22.37	22.39	0.281	16.000	338	22.91	HAA	1/1/1961	98	3	LT	T	I5	E11		204	16.75	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011		
191-1	113	205092456	22.39	22.57	0.281	16.000	338	22.91	HAA	1/1/1961	949	3	LT	T	I5	E11		203	17.53	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011		
191-1	113.3	205092457	22.57	22.58	0.375	16.000	338	17.17	HAA	1/1/1966	39	3	LT	T	I5	E11		203	23.28	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011		
191-1	114.1	205092461	22.58	22.82	0.281	16.000	338	22.91	HAA	1/1/1961	1365	3	LT	T	I5	E11		203	17.75	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011		
191-1	114.2	205092463	22.82	22.83	0.281	16.000	338	22.91	HAA	1/1/1963	23	3	LT	T	I5	E11		203	24.43	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011		
191-1	114.4	205092458	22.83	22.88	0.281	16.000	338	22.91	COAL TAR	1/1/1972	276	3	LT	T	I5	E11		203	19.58	Yes	No	No	No	No	Yes	Yes	No	Yes	12/31/2011		
191-1	114.6	205092459	22.88	22.90	0.313	16.000	338	16.64	COAL TAR	1/1/1972	103	3	LT	T	I5	E11		203	18.39	Yes	No	No	No	No	Yes	Yes	No	Yes	12/31/2011		
191-1	115.1	205116717	22.90	23.12	0.281	16.000	338	22.91	HAA	1/1/1961	1808	3	LT	T	I5	E11		203	16.75	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011		
191-1	115.15	205116719	23.12	23.16	0.281	16.000	338	22.91	HAA	1/1/1961	317	3	LT	T	A5	E11		203	16.52	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011		
191-1	115.2	205116720	23.16	23.61	0.281	16.000	338	22.91	HAA	1/1/1961	3993	3	LT	T	B5	E13	E06	203	10.02	Yes	No	No	Yes	No	Yes	Yes	No	Yes	6/4/2013		
191-1	115.3	205092448	23.61	23.61	0.281	16.000	338	-27.49		1/1/1965	20	3	LT	T	I5	E13	E06	203	22.29	Yes	No	No	Yes	No	Yes	Yes	No	Yes	6/4/2013		
191-1	115.4	205116721	23.61	23.89	0.281	16.000	338	22.91	HAA	1/1/1961	967	3	LT	T	I5	E13	E06	203	12.27	Yes	No	No	Yes	No	Yes	Yes	No	Yes	6/4/2013		
191-1	115.42	205129619	23.89	24.31	0.281	16.000	338	22.91	HAA	1/1/1961	1413	3	LT	T	I5	E11		203	15.45	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011		
191-1	119.2	205116724	26.03	26.51	0.250	12.750	268	16.27	HAA	1/1/1962	2584	3	LT	T	I5	E13	E06	145	14.45	Yes	No	No	No	No	Yes	Yes	No	Yes	6/4/2013		
191-1	120	205092474	26.51	26.61	0.219	12.750	268	18.57	HAA	1/1/1965	542	3	LT	T	I5	E13	E06	145	13.58	Yes	No	No	No	No	Yes	Yes	No	Yes	6/4/2013		
191-1	121	205116725	26.61	26.78	0.219	12.750	268	18.57	TAPE	1/1/1971	964	3	LT	T	I5	E13	E06	145	15.52	Yes	No	No	No	No	Yes	Yes	No	Yes	6/4/2013		
191-1	127.22	205116728	33.83	34.02	0.307	10.750	268	13.41	SOMA	1/1/1947	1233	3	LT	T	I5	E13	E06	122	24.58	Yes	No	No	Yes	No	Yes	Yes	No	Yes	6/4/2013		
191-1	127.28	205116729	34.02	34.03	0.307	10.750	268	13.41	HAA	1/1/1953	80	3	LT	T	I5	E13	E06	122	25.68	Yes	No	No	Yes	No	Yes	Yes	No	Yes	6/4/2013		
191-1	131.1	205116733	34.83	34.98	0.279	10.750	268	14.75	SOMA	1/1/1947	779	3	LT	T	B5	E13	E06	122	24.24	Yes	Yes	No	Yes	No	Yes	Yes	No	Yes	6/4/2013	4/17/2014	
191-1	131.15	205119155	34.98	35.00	0.279	10.750	268	14.75	SOMA	1/1/1947	108	3	LT	T	A5	E13	E06	122	17.83	Yes	Yes	No	Yes	No	Yes	Yes	No	Yes	6/4/2013	4/17/2014	
191-1	131.21	205162490	35.19	35.21	0.279	10.750	268	14.75	SOMA	1/1/1947	137	3	LT	T	A5	E12		122	26.05	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/17/2012	4/17/2014	
191-1	131.22	205116736	35.21	35.59	0.279	10.750	268	14.75	SOMA	1/1/1947	1993	3	LT	T	B5	E13	E06	122	23.92	Yes	Yes	No	Yes	No	Yes	Yes	No	Yes	6/4/2013	4/17/2014	
191-1	131.3	205092512	35.59	35.60	0.279	10.750	2																								

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EQ PLAN	IC PLAN	SCC PLAN		
197C	111.75	205132093	21.68	21.70	0.188	10.750	300	20.42	HAA	1/1/1965	118	2	LT	T	I5	E11		129	20.48	Yes	No	No	Yes	No	Yes	No	No	Yes	12/31/2011			
197C	112.5	205118471	22.67	23.00	0.188	10.750	300	20.42	HAA	1/1/1965	1753	3	LT	T	I5	E11		129	23.62	Yes	No	No	Yes	No	Yes	No	No	Yes	12/31/2011			
197C	113	205075919	23.00	23.02	0.188	10.750	300	20.42	HAA	1/1/1965	106	3	LT	T	I5	E11		129	23.62	Yes	No	No	Yes	No	Yes	No	No	Yes	12/31/2011			
197C-1	214.5	205118473	16.72	16.96	-0.156	6.625	300	-18.20		1/1/1966	1277	3	LT	T	I5	E11		80	29.98	Yes	No	No	Yes	No	Yes	No	No	Yes	12/31/2011			
197C-1	224	205095401	16.96	17.05	0.237	4.500	300	-8.14		12/15/1956	488	3	LT	T	I5	E11		54	28.34	Yes	No	No	Yes	No	Yes	No	No	Yes	12/31/2011			
197C-2	314	205118476	2.15	2.22	0.313	4.500	300	-6.17		1/1/1969	382	2	LT	T	I5	E11		54	22.35	Yes	No	No	Yes	No	Yes	No	No	Yes	12/31/2011			
210A	103.7	205119879	9.63	9.94	0.360	32.000	650	48.15	HAA	1/1/1965	2403	1	LT	T	I1	I11		564	15.34	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
210A	104.3	205119883	10.13	10.43	0.360	32.000	650	48.15	HAA	1/1/1965	2302	3	LT	T	I1	I11		564	21.27	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
210A	104.5	205119884	10.43	10.93	0.360	32.000	650	48.15	HAA	1/1/1965	3849	3	LT	T	A1	I11		564	21.27	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
210A	104.7	205094290	10.93	10.93	0.360	24.000	650	36.11	HAA	1/1/1965	8	3	LT	T	A1	I11		423	19.51	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
210A	105	205094291	10.93	11.23	0.360	32.000	650	48.15	HAA	1/1/1965	1673	3	LT	T	A1	I11		564	21.27	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
210A	105.3	205094292	11.23	11.23	0.360	32.000	650	48.15	HAA	1/1/1988	3	3	LT	T	I1	I11		564	19.70	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
210A	105.6	205094293	11.23	11.26	0.562	34.000	650	32.77	HAA	1/1/1988	279	3	LT	T	I1	I11		599	20.70	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
210A	105.9	205094294	11.26	11.26	0.360	32.000	650	48.15	HAA	1/1/1988	3	3	LT	T	B1	I11		564	19.70	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
210A	107	205094295	11.26	12.00	0.360	32.000	650	48.15	HAA	1/1/1965	3937	3	LT	T	B1	I11		564	21.53	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
210A	108	205094296	12.00	12.17	0.360	32.000	650	48.15	HAA	1/1/1965	937	3	LT	T	B1	I11		564	21.53	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
210A	109	205094297	12.17	12.38	0.360	32.000	650	48.15	HAA	1/1/1965	1104	3	LT	T	B1	I11		564	21.00	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
210A	109.3	205094298	12.38	12.38	0.360	32.000	650	48.15	TAPE	1/1/1980	14	3	LT	T	B1	I11		564	22.71	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
210A	110	205094299	12.38	12.66	0.524	34.000	650	35.15	TAPE	1/1/1980	1588	3	LT	T	B1	I11		599	20.76	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
210A	110.3	205094300	12.66	12.66	0.360	32.000	650	48.15	TAPE	1/1/1980	26	3	LT	T	B1	I11		564	23.69	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
210A	111	205094301	12.66	13.17	0.360	32.000	650	48.15	HAA	1/1/1965	2676	3	LT	T	B1	I11		564	26.45	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
210A	111.3	205094302	13.17	13.17	0.360	32.000	650	48.15	TAPE	1/1/1980	3	3	LT	T	B1	I11		564	22.71	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
210A	112	205094303	13.17	13.35	0.524	34.000	650	35.15	TAPE	1/1/1980	1378	3	LT	T	B1	I11		599	21.42	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
210A	112.3	205094304	13.35	13.35	0.360	32.000	650	48.15	TAPE	1/1/1980	3	3	LT	T	B1	I11		564	23.37	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
210A	113	205094624	13.35	13.80	0.360	32.000	650	48.15	HAA	1/1/1965	2331	3	LT	T	B1	I11		564	26.32	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
210A	113.3	205119885	13.80	13.87	0.500	36.000	650	39.00	HAA	1/1/1983	461	3	LT	T	A1	I11		634	23.74	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
210A	116	205095958	14.15	16.00	0.360	32.000	650	48.15	HAA	1/1/1965	8564	3	LT	T	I1	I11		564	42.60	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
210A	117.5	205119892	18.73	18.86	0.360	32.000	650	48.15	HAA	1/1/1965	1148	3	LT	T	I1	I11		564	36.17	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
210A	117.6	205094394	18.86	18.96	0.360	32.000	650	48.15	HAA	1/1/1965	1020	3	LT	T	I1	I11	E07	564	24.42	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	1/7/2014		
210A	117.8	205094383	18.96	18.97	0.500	32.000	650	34.67	TAPE	12/26/2000	30	3	LT	T	I1	I11	E07	564	22.98	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	1/7/2014		
210A	118.1	205094390	18.97	19.47	0.360	32.000	650	48.15	HAA	1/1/1965	4801	3	LT	T	I1	I11	E07	564	32.96	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	1/7/2014		
210A	118.7	205094371	19.47	19.47	0.270	24.000	650	48.15	HAA	1/1/1965	13	3	LT	T	I1	E14	E07	423	19.07	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	1/7/2014		
210A	118.8	205094372	19.47	19.47	0.360	32.000	650	48.15	HAA	1/1/1965	18	3	LT	T	I1	E14	E07	564	20.28	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	1/7/2014		
210A	119.7	205135322	19.64	19.65	-0.188	10.750	650	-44.25	HAA	1/1/1960	29	3	LT	T	I6	E12		190	39.72	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
210A	119.8	205094376	19.65	19.66	-0.188	10.750	650	-44.25	HAA	1/1/1950	59	3	LT	T	I6	E12		190	40.38	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
210A	120.1	205094377	19.66	19.68	0.259	10.750	650	38.54	HAA	1/1/1937	93	3	LT	T	I6	E12		190	37.63	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/17/2012		
210A	120.4	205094378	19.68	19.69	-0.188	10.750	650	-44.25	HAA	1/1/1960	141	3	LT	T	I6	E12		190	39.72	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
210A	121.2	205094397	19.69	20.00	0.259	10.750	650	38.54	HAA	1/1/1937	2021	3	LT	T	I1	E14	E07	190	31.27	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	1/7/2014		
210A	121.5	205119895	20.00	20.09	0.259	10.750	650	38.54	HAA	1/1/1937	471	3	LT	T	I1	E14	E07	190	31.27	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	1/7/2014		
210A	124.7	205140391	24.55	24.57	0.259	10.750	650	38.54	HAA	1/1/1937	106	1	LT	T	I5	E14	E07	190	24.77	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	1/7/2014		
210A	124.75	205140393	24.57	24.75	0.259	10.750	650	38.54	HAA	1/1/1937	1010	3	LT	T	I5	E14	E07	190	30.59	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	1/7/2014		
210A	124.77	205140394	24.75	24.77	0.259	10.750	650	38.54	HAA	1/1/1937	104	1	LT	T	I5	E14	E07	190	24.77	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	1/7/2014		
210A	126	205135606	25.42	25.62	0.281	12.750	650	42.13	HAA	1/1/1937	1054	1	LT	T	I5	E12		225	26.58	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/17/2012		
210B	107.5	205142715	10.51	10.98	0.281	16.000	650	44.06	HAA	1/1/1949	2717	3	LT	T	I9	I12		282	26.42	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
210B	108	205094310	10.98	11.16	0.375	16.000	650	33.02	HAA	1/1/1993	966	3	LT	T	A1	I12		282	16.48	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
210B	108.3	205094311	11.16	11.19	0.375	20.000	650	33.33	HAA	1/1/1993	147	3	LT	T	A1	E12		353	17.04	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
210B	109	205094312	11.19	11.45	0.375	16.000	650	33.02	HAA	1/1/1993	1370	3	LT	T	A1	I12		282	16.48	Yes	No	No	No	No	Yes	Yes</						



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	IC PLAN	IC PLAN	SCC PLAN
210B	124	205094354	18.85	19.38	0.313	16.000	650	39.62	HAA	1/1/1962	2783	3	LT	T	I1	I12	E07	282	22.45	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	1/7/2014
210B	124.3	205094355	19.38	19.47	0.313	16.000	650	39.62	HAA	1/1/1960	453	3	LT	T	I1	I12	E07	282	25.67	Yes	No	No	Yes	No	Yes	Yes	No	Yes	1/7/2014	
210B	124.8	205135324	19.53	19.53	0.313	16.000	650	39.62	HAA	1/1/1954	31	3	LT	T	I6	I12		282	29.64	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/17/2012	
210B	124.9	205094357	19.53	19.54	0.281	16.000	650	44.06	HAA	1/1/1954	100	3	LT	T	I6	I12		282	31.60	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/17/2012	
210B	125.2	205094358	19.54	19.62	0.313	16.000	650	39.62	HAA	1/1/1960	402	3	LT	T	I6	I12		282	32.36	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/17/2012	
210B	126	205094359	19.62	20.00	0.281	16.000	650	44.06	HAA	1/1/1954	1996	3	LT	T	I1	I12		282	31.37	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012
210B	127	205119899	20.00	20.14	0.281	16.000	650	44.06	HAA	1/1/1954	740	3	LT	T	I1	I12		282	31.37	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012
210B	131	205140395	24.84	24.89	0.281	16.000	650	44.06	HAA	1/1/1954	277	1	LT	T	I5	I12		282	24.15	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012
210B	131.5	205140397	24.89	25.09	0.281	16.000	650	44.06	HAA	1/1/1954	1031	3	LT	T	I5	I12		282	30.24	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012
210B	131.7	205140398	25.09	25.14	0.281	16.000	650	44.06	HAA	1/1/1954	276	1	LT	T	I5	I12		282	24.15	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012
210B	133	205135608	25.75	25.98	0.281	16.000	650	44.06	HAA	1/1/1954	1213	1	LT	T	I5	I12		282	19.47	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012
210C	101	205094364	19.46	19.66	0.375	24.000	650	40.00	HAA	1/1/1966	1053	3	LT	T	I1	I13	E07	423	19.44	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	1/7/2014
210C	102	205094365	19.66	19.78	0.313	24.000	650	48.00	HAA	1/1/1966	656	3	LT	T	I1	I13	E07	423	19.07	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	1/7/2014
210C	102.3	205094366	19.78	19.80	0.375	24.000	650	40.00	HAA	1/1/1966	81	3	LT	T	I1	I13	E07	423	20.37	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	1/7/2014
210C	103	205119901	19.80	20.18	0.313	24.000	650	48.00	HAA	1/1/1966	1981	3	LT	T	I1	I13	E07	423	24.63	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	1/7/2014
210C	103.5	205153394	20.18	20.36	0.313	24.000	650	48.00	HAA	1/1/1966	980	3	LT	T	I9	I13		423	24.14	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/16/2016
210C	103.6	205142758	20.79	21.04	0.313	24.000	650	48.00	HAA	1/1/1966	1297	3	LT	T	A9	I13		423	24.69	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	8/26/2015
210C	103.7	205119905	21.04	22.16	0.313	24.000	650	48.00	HAA	1/1/1966	5911	3	LT	T	B1	I13	E07	423	20.27	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	1/7/2014
210C	103.9	205142759	22.16	22.39	0.313	24.000	650	48.00	HAA	1/1/1966	1185	3	LT	T	I9	I13		423	28.39	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	8/26/2015
210C	103.97	205142762	22.70	23.00	0.313	24.000	650	48.00	HAA	1/1/1966	1578	3	LT	T	A9	I13		423	20.00	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	8/26/2015
210C	104	205074300	23.00	23.92	0.313	24.000	650	48.00	HAA	1/1/1966	1119	3	LT	T	A9	I13		423	20.00	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	8/26/2015
210C	104.4	205073831	23.92	23.93	0.312	24.000	650	41.67	TAPE	1/1/1997	88	3	LT	T	A9	I13		423	15.50	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	8/26/2015
210C	107.8	205119910	28.55	28.71	0.313	24.000	650	48.00	HAA	1/1/1966	862	3	LT	T	A1	I13	E07	423	25.37	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	1/7/2014
210C	108	205073837	28.71	28.98	0.313	24.000	650	48.00	XTRUPL	1/1/1987	1453	3	LT	T	A1	I13	E07	423	26.12	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	1/7/2014
210C	109	205089764	28.98	31.64	0.313	24.000	650	48.00	HAA	1/1/1966	14060	3	LT	T	B1	I13	E07	423	19.75	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	1/7/2014
210C	110	205073838	31.64	31.74	0.375	24.000	650	34.67	XTRUPL	1/1/1985	526	3	LT	T	A1	I13	E07	423	12.11	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	1/7/2014
210C	111	205074001	31.74	32.11	0.313	24.000	650	48.00	HAA	1/1/1966	1953	3	LT	T	A1	I13	E07	423	12.96	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	1/7/2014
210C-1	215	205138286	2.67	2.78	0.250	18.000	650	45.00	HAA	1/1/1968	551	2	LT	T	I1	E13	E07	318	17.96	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	1/7/2014
210C-1	216	205138288	2.78	2.91	0.250	18.000	650	45.00	HAA	1/1/1968	642	3	LT	T	I1	E13	E07	318	21.40	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	1/7/2014
210C-1	217	205138290	2.91	3.35	0.250	18.000	650	45.00	HAA	1/1/1968	2138	2	LT	T	I1	E13	E07	318	17.96	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	1/7/2014
210C-1	218	205138291	3.35	3.36	0.250	18.000	650	45.00	HAA	1/1/1968	72	2	LT	T	I1	E13	E07	318	17.96	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	1/7/2014
210C-1	219	205073854	3.36	3.50	0.250	18.000	650	45.00	HAA	1/1/1968	716	2	LT	T	I1	E14	E07	317	17.96	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	1/7/2014
210C-1	224	205073855	3.50	3.55	0.312	18.000	650	36.06	HAA	1/1/1968	275	2	LT	T	I1	E14	E07	318	17.14	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	1/7/2014
210C-1	229	205073858	3.55	3.62	0.313	18.000	650	44.57	FBE	11/9/2000	368	3	LT	T	I1	E14	E07	317	21.64	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	1/7/2014
210C-1	233	205073840	3.62	3.76	0.312	18.000	650	36.06	HAA	1/1/1968	713	2	LT	T	I1	E14	E07	318	21.90	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	1/7/2014
2403-12	102.05	205130142	0.11	0.30	0.250	12.750	411	24.95	TAPE	1/1/1968	993	3	DFM	T	I5	E17	E10	179	16.93	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/15/2017
2403-12	106	205081099	1.18	1.66	0.250	12.750	411	24.95	TAPE	1/1/1968	2539	3	DFM	T	I1	E12	E07	179	17.75	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/6/2012
2403-12	106.3	205080869	1.66	1.66	0.281	12.750	411	22.20		1/1/1992	19	3	DFM	T	I1	E12	E07	179	14.29	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/6/2012
2403-12	108	205115252	1.66	1.81	0.250	12.750	411	24.95	TAPE	1/1/1968	806	3	DFM	T	I1	E12	E07	179	21.38	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/6/2012
2403-12	108.8	205160743	2.23	2.88	0.250	12.750	411	24.95	TAPE	1/1/1968	3420	3	DFM	T	B1	E12	E07	179	25.83	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/6/2012
2405-01	119	205098735	0.13	0.25	0.156	4.500	590	24.31	TAPE	1/1/1980	535	3	DFM	T	I1	E17	E10	76	23.51	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	1/31/2017
2405-01	119.3	205098731	0.25	0.25	0.156	4.500	590	24.31	TAPE	1/1/1980	27	3	DFM	T	I9	E17	E10	76	23.51	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	1/31/2017
2405-01	121	205098732	0.25	0.36	0.156	4.500	590	24.31	TAPE	1/1/1980	565	3	DFM	T	I9	E15	E10	76	23.51	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015
2405-01	121.3	205098738	0.36	0.38	0.188	4.500	590	20.17	TAPE	1/1/1954	268	3	DFM	T	I1	E17	E10	76	21.58	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	1/31/2017
2405-01	123.2	205098805	0.38	0.39	0.156	4.500	590	24.31	TAPE	1/1/1979	45	3	DFM	T	I1	E17	E10	76	23.30	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	1/31/2017
2405-01	123.5	205098808	0.39	0.60	0.156	4.500	590	24.31	TAPE	1/1/1979	1131	3	DFM	T	I1	E17	E10	76	23.30	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	1/31/2017
2406-01	100	205126656	0.00	0.00	0.237	4.500	477	12.94	TAPE	12/20/2004	2	3	DFM	T	I1	E15	E10	69	17.37	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015
2406-01	100.1	205128898	0.00	0.00	0.156	4.500	477	16.38	TAPE	12/20/2004	5	3	DFM	T	I1	E15	E10	69	17.37	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	7/26/2015
2406-01	100.2	205128899	0.00	0.02	0.156																									



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	BCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	IC PLAN	IC PLAN	SCC PLAN		
2408-05	181	205115859	5.37	5.62	0.281	12.750	500	27.01	TAPE	1/1/1989	1297	3	DFM	T	I1	E17	E10	198	8.46	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	1/31/2017		
2408-11	101.5	205115862	0.49	0.96	0.281	12.750	500	27.01	TAPE	1/1/1987	2503	3	DFM	T	I1	E15	E10	198	5.05	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
2408-11	101.6	205084885	0.96	0.97	0.281	12.750	500	27.01	FBE	8/19/2002	31	3	DFM	T	I1	E15	E10	198	7.19	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
2408-11	101.7	205084887	0.97	0.97	0.281	12.750	500	27.01	TAPE	1/1/1987	11	3	DFM	T	I1	E15	E10	198	8.19	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
2408-11	102.2	205084949	0.97	1.23	0.312	12.750	500	24.32	TAPE	1/1/1987	1400	3	DFM	T	I1	E15	E10	198	8.19	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
2408-11	102.3	205084950	1.23	1.25	0.312	12.750	500	24.32	TAPE	1/1/1987	100	3	DFM	T	I1	E15	E10	198	8.19	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
2408-11	102.5	205115863	1.25	1.89	0.312	12.750	500	24.32	TAPE	1/1/1987	3377	3	DFM	T	I1	E15	E10	198	10.84	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
2408-11	102.58	205130138	1.89	1.94	0.312	12.750	500	24.32	TAPE	1/1/1987	240	3	DFM	T	I5	E17	E10	198	7.75	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	1/31/2017		
2408-11	102.6	205130139	1.94	2.51	0.312	12.750	500	24.32	TAPE	1/1/1987	3033	3	DFM	T	A1	E17	E10	198	7.72	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	1/31/2017		
2408-11	102.7	205115869	2.51	2.89	0.312	12.750	500	24.32	TAPE	1/1/1987	2028	3	DFM	T	A1	E15	E10	198	12.31	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
2408-11	102.75	205119161	2.89	2.95	0.312	12.750	500	24.32	TAPE	1/1/1987	312	3	DFM	T	A5	E15	E10	198	7.32	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
2408-11	105.2	205116321	3.98	4.12	0.156	6.625	500	25.28	TAPE	1/1/1987	731	3	DFM	T	I5	E15	E10	103	14.18	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
2408-11	109.5	205145433	4.35	4.43	0.156	6.625	500	25.28	TAPE	11/22/1996	425	3	DFM	T	I9	E15	E10	103	13.65	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
2408-11	110	205086003	4.43	4.44	0.156	6.625	500	25.28	TAPE	11/22/1996	52	3	DFM	T	I9	E15	E10	103	13.65	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
2408-11	111	205145434	4.44	4.47	0.156	6.625	500	25.28	TAPE	11/22/1996	160	3	DFM	T	I9	E15	E10	103	13.65	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
2408-11	115.12	205116325	7.19	7.29	0.156	6.625	500	25.28	TAPE	11/22/1996	535	3	DFM	T	I5	E15	E10	103	17.93	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
2408-12	103.2	205116329	7.15	7.32	0.281	12.750	500	27.01	FBE	6/26/2003	977	3	DFM	T	I5	E15	E10	198	15.27	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
2412-01	301	205124971	0.00	0.00	0.216	3.500	150	-3.47			3	3	DFM	TC	I5	E13		31	31.73	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	1/2/2013		
3008-01	201	205161884	0.00	0.04	-0.203	12.750	405	-36.34		1/1/1988	200	3	DFM	T	I5	E12		178	26.26	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012	4/17/2014	
3009-01	109.5	205115303	0.12	0.22	0.312	20.000	195	17.86	HAA	1/1/1953	543	3	DFM	TC	I5	E17	E10	194	12.39	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	1/21/2017		
3009-01	110	205093513	0.22	0.31	0.281	20.000	-195	-16.52	TAPE	1/1/1969	699	3	DFM	TC	I5	E17	E10	194	8.46	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	1/21/2017		
3009-01	111	205115304	0.31	0.49	0.312	20.000	195	17.86	HAA	1/1/1953	961	3	DFM	TC	I5	E10		194	17.09	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	1/21/2017		
3009-01	111.2	205114492	0.77	0.91	0.312	20.000	195	17.86	HAA	1/1/1953	754	3	DFM	TC	I5	E10		194	20.41	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	1/21/2017		
3009-01	112	205156833	0.91	0.98	0.438	34.000	195	14.55	COAL TAR	1/1/1962	362	3	DFM	TC	I5	E12		329	19.99	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
3009-01	112.1	205156843	0.98	0.98	0.562	34.000	195	11.34	TAPE	1/1/1998	3	3	DFM	TC	I6	E12		329	5.71	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
3009-01	112.2	205156844	0.98	0.98	0.375	20.000	195	14.86	TAPE	1/1/1998	7	3	DFM	TC	I6	E12		194	6.64	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
300A	102.5	205122657	0.29	0.49	0.375	30.000	660	50.77	HAA	1/1/1950	1085	1	BB	T	I5	E11	E07	533	36.68	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	12/31/2011		
300A	103	205095107	0.49	0.53	0.500	34.000	660	48.78	HAA	1/1/1950	230	1	BB	T	I5	E11	E07	604	29.05	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011		
300A	103.1	205095113	0.53	0.54	0.500	34.000	660	48.78	HAA	1/1/1950	48	1	BB	T	I5	E11	E07	604	30.85	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011		
300A	103.2	205095114	0.54	0.64	0.500	34.000	660	48.78	HAA	1/1/1950	522	1	BB	T	I5	E11	E07	604	29.05	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011		
300A	103.3	205095115	0.64	0.67	0.500	34.000	665	63.93	HAA	1/1/1950	160	1	BB	T	I5	E11	E07	691	38.75	Yes	No	Yes	Yes	No	Yes	Yes	No	Yes	Yes	11/12/2011		
300A	103.5	205095108	0.67	0.68	0.438	34.000	665	69.94	HAA	1/1/1950	33	1	BB	T	I5	E11	E07	691	38.75	Yes	No	Yes	Yes	No	Yes	Yes	No	Yes	Yes	11/12/2011		
300A	103.6	205095116	0.68	0.70	0.438	34.000	665	69.94	HAA	1/1/1950	130	1	BB	T	I5	E11	E07	691	40.62	Yes	No	Yes	Yes	No	Yes	Yes	No	Yes	Yes	11/12/2011		
300A	103.7	205095117	0.70	0.71	0.438	34.000	665	69.94	HAA	1/1/1950	16	1	BB	T	I5	E11	E07	691	38.75	Yes	No	Yes	Yes	No	Yes	Yes	No	Yes	Yes	11/12/2011		
300A	103.8	205095118	0.71	0.71	0.500	34.000	665	63.93	HAA	1/1/1950	6	1	BB	T	I5	E11	E07	691	38.75	Yes	No	Yes	Yes	No	Yes	Yes	No	Yes	Yes	11/12/2011		
300A	103.9	205095119	0.71	0.79	0.438	34.000	665	69.94	HAA	1/1/1950	451	1	BB	T	I5	E11	E07	691	44.36	Yes	No	Yes	Yes	No	Yes	Yes	No	Yes	Yes	11/12/2011		
300A	104.0	205095120	0.79	0.81	0.438	34.000	665	69.94	HAA	1/1/1950	100	1	BB	T	I5	E11	E07	691	29.42	Yes	No	Yes	Yes	No	Yes	Yes	No	Yes	Yes	11/12/2011		
300A	104.11	205131043	0.81	0.82	0.438	34.000	665	69.94	HAA	1/1/1950	53	1	BB	T	I5	E11	E07	691	33.15	Yes	No	Yes	Yes	No	Yes	Yes	No	Yes	Yes	11/12/2011		
300A	104.12	205131045	0.82	0.84	0.438	34.000	665	69.94	PCJ	1/1/1950	82	1	BB	T	I5	E11	E07	691	29.35	Yes	No	Yes	Yes	No	Yes	Yes	No	Yes	Yes	11/12/2011		
300A	104.13	205131046	0.84	0.94	0.438	34.000	665	69.94	HAA	1/1/1950	562	1	BB	T	I5	E11	E07	691	26.19	Yes	No	Yes	Yes	No	Yes	Yes	No	Yes	Yes	11/12/2011		
300A	147.1	205123026	121.87	122.08	0.313	34.000	682	71.35	HAA	1/1/1950	1104	1	BB	T	I5	E11	E07	614														

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	FC PLAN	IG PLAN	SCC PLAN			
300A	185.5	205103185	182.11	182.16	0.438	34.000	860	69.62	HAA	1/1/1950	264	2	BB	T	I5	E11	E07	689	27.33	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	12/31/2011			
300A	185.6	205123057	182.16	182.34	0.438	34.000	860	69.62	HAA	1/1/1950	931	1	BB	T	I5	E11	E07	689	24.10	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	Yes	12/31/2011		
300A	186.5	205120896	187.85	188.05	0.438	34.000	860	69.62	HAA	1/1/1950	1041	1	BB	T	I1	E11	E07	689	18.50	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	Yes	12/31/2011		
300A	187	205120899	188.05	188.41	0.438	34.000	860	69.62	HAA	1/1/1950	1893	1	BB	T	I1	E11	E07	689	18.50	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	Yes	12/31/2011		
300A	194.4	205120914	198.93	199.00	0.438	34.000	860	69.62	HAA	1/1/1950	374	1	BB	T	I1	E11	E07	689	16.77	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	Yes	12/31/2011		
300A	194.6	205096084	199.00	199.20	0.438	34.000	860	69.62	HAA		1056	2	BB	T	I1	E11	E07	689	22.91	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	Yes	12/31/2011		
300A	194.9	205096060	199.20	199.49	0.438	34.000	860	69.62	HAA		1531	2	BB	T	I1	E11	E07	689	21.87	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	Yes	12/31/2011		
300A	196.2	205120917	200.70	201.22	0.438	34.000	860	69.62	HAA	1/1/1950	2707	2	BB	T	I1	E11	E07	689	20.01	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	Yes	12/31/2011		
300A	210.8	205130613	237.44	237.49	0.375	34.000	766	66.78	HAA	1/1/1953	261	2	BB	T	I5	E11		650	25.48	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	12/31/2011		
300A	210.9	205091772	237.49	237.50	0.375	34.000	766	66.78	HAA	1/1/1953	53	2	BB	T	I5	E11		650	33.64	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	12/31/2011		
300A	211	205091767	237.50	238.00	0.375	34.000	766	66.78	HAA	1/1/1953	2636	2	BB	T	I5	E11		650	25.48	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	12/31/2011		
300A	218.0	205130679	242.22	242.76	0.375	34.000	766	66.78	TAPE	1/1/1985	2737	1	BB	T	I1	E11	E07	650	18.36	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	12/31/2011		
300A	219.9	205130213	244.46	244.59	0.375	34.000	766	66.78	TAPE	1/1/1985	698	2	BB	T	I5	E11		650	22.36	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	12/31/2011		
300A	220	205130210	244.59	244.98	0.375	34.000	766	66.78	TAPE	1/1/1985	2037	2	BB	T	I5	E11		650	22.36	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	12/31/2011		
300A	220.5	205122450	245.85	246.46	0.375	34.000	766	66.78	TAPE	1/1/1985	3237	3	BB	T	A1	E11	E07	650	19.54	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	12/31/2011		
300A	221	205091109	246.46	246.81	0.375	34.000	766	66.78	TAPE	1/1/1991	1940	3	BB	T	I1	E11	E07	650	19.54	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	12/31/2011		
300A	221.3	205091586	246.81	247.18	0.453	36.000	766	46.83	FBE	1/1/1991	1954	3	BB	T	I1	E14	E07	688	14.24	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	5/1/2014		
300A	222.2	205091114	247.18	247.44	0.453	36.000	766	46.83	FBE	1/1/1991	1015	3	BB	T	A1	E14	E07	688	14.24	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	5/1/2014		
300A	222.3	205091115	247.44	248.41	0.453	36.000	766	46.83	FBE	1/1/1991	5419	3	BB	T	A1	E14	E07	688	22.53	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	5/1/2014		
300A	226.6	205123544	256.22	257.08	0.375	34.000	754	65.73	HAA	1/1/1954	4535	1	BB	T	I15	I12	E07	645	30.82	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	5/1/2012		
300A	230	205122456	268.95	269.05	0.375	34.000	754	65.73	HAA	1/1/1954	513	2	BB	T	I1	I12	E07	645	27.70	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	5/1/2012		
300A	230.5	205091314	269.05	269.14	0.375	34.000	754	65.73	HAA	1/1/1954	485	2	BB	T	I1	I12	E07	645	26.68	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	5/1/2012		
300A	230.8	205091315	269.14	269.17	0.375	34.000	754	65.73	HAA	1/1/1954	160	3	BB	T	I1	I12	E07	645	26.68	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	5/1/2012		
300A	231	205091264	269.17	269.34	0.469	34.000	754	45.55	HAA	1/1/1971	900	3	BB	T	I1	I12	E07	645	18.87	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	5/1/2012		
300A	232	205122459	269.34	269.53	0.375	34.000	754	65.73	HAA	1/1/1954	1028	2	BB	T	I1	I12	E07	645	26.68	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	5/1/2012		
300A	237.2	205160217	274.78	274.96	0.505	34.000	754	42.30	FBE	6/19/2009	926	3	BB	T	I6	I12		645	13.73	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	12/17/2012		
300A	237.6	205160218	274.96	275.01	0.505	34.000	754	42.30	FBE	6/19/2009	491	3	BB	T	I6	I12		645	13.73	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	12/17/2012		
300A	237.9	205160222	275.01	275.02	0.505	34.000	754	42.30	FBE	7/28/2006	89	3	BB	T	I6	I12		645	13.73	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	12/17/2012		
300A	238	205133600	275.02	275.08	0.505	34.000	754	42.30	PC	7/28/2006	315	3	BB	T	I6	I12		645	13.73	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	12/17/2012		
300A	238.1	205133985	275.08	275.41	0.505	34.000	754	42.30	FBE	7/28/2006	1733	3	BB	T	I6	I12		645	13.73	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	12/17/2012		
300A	239.52	205145452	276.81	277.04	0.505	34.000	754	42.30	FBE	6/23/2004	1230	3	BB	T	A5	I12		645	19.47	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	12/17/2012		
300A	239.53	205135517	277.04	277.14	0.505	34.000	754	42.30	FBE	6/23/2004	561	3	BB	T	I9	I12		645	19.47	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	12/17/2012		
300A	239.55	205130621	277.14	277.54	0.505	34.000	754	42.30	FBE	6/23/2004	2167	3	BB	T	A5	I12		645	19.47	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	12/17/2012		
300A	239.6	205122855	277.54	277.59	0.505	34.000	754	42.30	FBE	6/23/2004	258	3	BB	T	A5	I12		645	19.47	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	12/17/2012		
300A	239.7	205122857	277.59	277.65	0.505	34.000	754	42.30	FBE	6/23/2004	338	3	BB	T	A5	I12		645	19.47	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	12/17/2012		
300A	239.8	205122859	277.65	277.66	0.505	34.000	754	42.30	FBE	6/23/2004	52	3	BB	T	A5	I12		645	19.47	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	12/17/2012		
300A	239.9	205122861	277.66	277.69	0.505	34.000	754	42.30	FBE	6/23/2004	157	3	BB	T	A5	I12		645	19.47	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	12/17/2012		
300A	240	205122863	277.69	277.70	0.505	34.000	754	42.30	FBE	6/23/2004	42	3	BB	T	A5	I12		645	19.47	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	12/17/2012		
300A	240.1	205122865	277.70	277.81	0.505	34.000	754	42.30	FBE	6/23/2004	621	3	BB	T	I1	I12		645	19.47	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	12/17/2012		
300A	240.2	205122867	277.81	277.85	0.505	34.000	754	42.30	FBE	6/23/2004	242	3	BB	T	I1	I12		645	19.47	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	12/17/2012		
300A	240.3	205122869	277.85	278.01	0.505	34.000	754	42.30	FBE	6/23/2004	846	3	BB	T	I1	I12		645	33.22	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	12/17/2012		
300A	240.4	205122870	278.01	278.01	0.625	36.000	754	36.19	FBE	6/23/2004	9	3	BB	T	I1	I12		683	32.25	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	12/17/2012		
300A	240.61	205140068	278.01	278.10	0.576	36.000	754	39.27	FBE	1/1/1993	426	3	BB	T	I1	I12	E07	683	32.25	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	5/1/2012		
300A	240.62	205140055	278.10	278.11	0.500	36.000	754	41.76	PC	11/2/2007	75	3	BB	T	I6	I12	P07	683	32.31	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	4/30/2015		
300A	240.64	205140338	278.11	278.11	0.505	34.000	754	42.30	FBE	11/2/2007	6	3	BB	T	I6	I12	P07	645	30.23	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	4/30/2015		
300A	240.645	205139785</																															

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EO THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EQ PLAN	IG PLAN	SCC PLAN		
300A	290	205080463	372.49	372.87	0.406	34.000	839	67.56	HAA	1/1/1958	2059	2	BB	T	I5	E11	E07	681	22.87	Yes	No	Yes	Yes	No	Yes	Yes	No	Yes	12/31/2011		11/12/2011	
300A	292	205125319	372.87	373.68	0.406	34.000	839	67.56	HAA	1/1/1958	4253	1	BB	T	I5	E11	E07	681	25.62	Yes	No	Yes	Yes	No	Yes	Yes	No	Yes	12/31/2011		11/12/2011	
300A	295.3	205123020	384.65	384.83	0.406	34.000	839	67.56	HAA	1/1/1958	943	1	BB	T	I1	E11	E07	681	25.62	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011			
300A	295.7	205087781	384.83	384.85	0.500	34.000	839	62.01	HAA	1/1/1958	108	1	BB	T	I1	E11	E07	681	26.65	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011			
300A	296	205123017	384.85	385.09	0.406	34.000	839	67.56	HAA	1/1/1958	1257	1	BB	T	I1	E11	E07	681	25.62	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011			
300A	328.0	205123134	414.57	414.79	0.406	34.000	839	67.56	HAA	1/1/1957	1139	1	BB	T	I1	E14	E09	681	15.50	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	9/9/2014			
300A	328.2	205086747	414.79	414.92	0.500	34.000	839	47.54	TAPE	1/1/1974	703	3	BB	T	I1	E16	E09	681	14.00	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	328.3	205123139	414.92	415.16	0.406	34.000	839	67.56	HAA	1/1/1957	1241	1	BB	T	I1	E14	E09	681	15.50	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	9/9/2014			
300A	328.36	205123143	416.02	416.62	0.406	34.000	839	67.56	HAA	1/1/1957	3181	1	BB	T	I1	E14	E09	681	15.50	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	9/9/2014			
300A	342.4	205123152	445.71	446.16	0.344	34.000	620	58.92	HAA	1/1/1950	2354	2	BB	T	I1	E14	E09	585	15.75	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014			
300A	345.2	205123158	450.37	450.40	0.344	34.000	620	58.92	HAA	1/1/1950	206	1	BB	T	I1	E14	E09	585	24.74	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014			
300A	345.3	205119663	450.40	450.41	0.344	34.000	620	58.92	PCJ	1/1/1950	28	1	BB	T	I1	E14	E09	585	21.40	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014			
300A	345.4	205087615	450.41	450.41	0.375	34.000	620	46.84	PCJ	1/1/1989	4	1	BB	T	I1	E16	E09	585	13.65	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	345.6	205087617	450.41	450.58	0.414	36.000	620	41.47	XTRUPL	1/1/1989	900	3	BB	T	I1	E16	E09	620	23.68	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	345.9	205087609	450.58	450.58	0.500	34.000	620	35.13	TAPE	1/1/1989	5	3	BB	T	I1	E16	E09	585	16.26	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	346	205087622	450.58	450.83	0.406	34.000	620	43.27	TAPE	1/1/1972	1252	3	BB	T	I1	E16	E09	585	18.89	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	346.1	205136034	450.83	450.83	0.505	34.000	620	34.79	FBE	1/1/2002	14	3	BB	T	I1	E16	E09	585	12.52	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	346.15	205136035	450.83	450.83	0.505	34.000	620	34.79	FBE	1/1/2002	14	3	BB	T	I1	S14	S08	585	14.21	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/14/2014		
300A	346.2	205087626	450.83	450.83	0.406	34.000	620	43.27	TAPE	1/1/1972	2	3	BB	T	I1	S14	S08	585	25.52	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/14/2014		
300A	346.3	205087621	450.83	450.83	0.344	34.000	620	58.92	HAA	1/1/1950	26	3	BB	T	I1	S12	S08	585	30.33	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	12/14/2012			
300A	347	205087623	450.83	450.85	0.406	34.000	620	43.27	TAPE	1/1/1972	127	3	BB	T	I1	S14	S08	585	25.52	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/14/2014		
300A	347.1	205136032	450.85	450.85	0.505	34.000	620	34.79	FBE	1/1/2002	11	3	BB	T	I1	S14	S08	585	14.21	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/14/2014		
300A	347.15	205136033	450.85	450.85	0.505	34.000	620	34.79	FBE	1/1/2002	12	3	BB	T	I1	E16	E09	585	12.52	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	347.2	205086756	450.85	451.06	0.406	34.000	620	43.27	TAPE	1/1/1972	1074	3	BB	T	I1	E16	E09	585	18.89	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	347.5	205144627	451.06	451.29	0.344	34.000	620	58.92	HAA	1/1/1950	1221	3	BB	T	A6	E13	I02	585	24.06	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	12/31/2013			
300A	347.7	205123163	451.46	451.88	0.344	34.000	620	58.92	HAA	1/1/1950	2197	3	BB	T	B6	E14	E09	585	22.60	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014			
300A	349.5	205091940	453.82	453.82	0.500	34.000	620	35.13	TAPE	1/1/1997	6	3	BB	T	I1	E16	E09	585	8.70	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	350	205091944	453.82	453.89	0.576	36.000	620	32.29	TAPE	1/1/1997	348	3	BB	T	I1	E16	E09	620	7.26	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	350.1	205091945	453.89	453.89	0.500	34.000	620	35.13	TAPE	1/1/1997	6	3	BB	T	I1	E16	E09	585	8.70	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	350.2	205092291	453.89	453.96	0.344	34.000	620	58.92	HAA	1/1/1950	317	3	BB	T	I1	E14	E09	585	13.67	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014			
300A	350.3	205092301	453.96	453.97	0.344	34.000	620	58.92	TAPE	1/1/1950	25	3	BB	T	I1	E14	E09	585	13.67	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014			
300A	350.4	205140366	453.97	454.11	0.344	34.000	620	58.92	HAA	1/1/1950	750	3	BB	T	I1	E14	E09	585	13.67	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014			
300A	350.45	205140368	454.11	454.19	0.344	34.000	620	58.92	HAA	1/1/1950	435	3	BB	T	I1	E14	E09	585	13.67	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014			
300A	350.48	205140369	454.19	454.26	0.344	34.000	620	58.92	HAA	1/1/1950	350	3	BB	T	I1	E14	E09	585	13.67	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014			
300A	350.5	205160651	454.26	454.33	0.344	34.000	620	58.92	HAA	1/1/1950	394	3	BB	T	I6	E14	P09	585	19.23	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014			
300A	368.2	205115076	472.13	472.28	0.344	34.000	631	59.97	HAA	1/1/1950	801	1	BB	T	I5	E14	E09	590	12.41	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014			
300A	368.3	205087636	472.28	472.38	0.344	34.000	631	59.97	HAA	1/1/1950	354	1	BB	T	I5	E14	E09	590	9.76	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014			
300A	369	205114305	472.38	473.10	0.344	34.000	631	59.97	HAA	1/1/1950	3835	3	BB	T	I5	E14	E09	590	25.41	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014			
300A	369.08	205119164	474.10	474.22	0.344	34.000	631	59.97	HAA	1/1/1950	596	3	BB	T	A5	E14	E09	590	30.79	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014			
300A	369.111	205120456	474.22	474.84	0.344	34.000	631	59.97	HAA	1/1/1950	3335	3	BB	T	B5	E14	E09	590	30.79	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014			
300A	369.112	205120458	474.84	474.84	0.344	34.000	631	59.97	PCJ	1/1/1950	11	3	BB	T	B5	E14	E09	590	24.46	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014			
300A	369.113	205120459	474.84	474.85	0.344	34.000	631	59.97	HAA	1/1/1950	14	3	BB	T	B5	E14	E09	590	30.79	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014			
300A	369.12	205118919	474.85	474.85	0.344	34.000	631	59.97	PCJ	1/1/1950	8	3	BB	T	B5	E14	E09	590	24.46	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014			
300A	369.13	205118920	474.85	475.36	0.344	34.000	631	59.97	HAA	1/1/1950	2740	3	BB	T	B5	E14	E09	590	30.79	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014			
300A	369.21	205127107	475.36	475.44	0.344	34.000	631	59.97	HAA	1/1/1950	409	3	BB	T	I5	E14	E09	590	26.41	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014			
300A	369.26	205127108	475.44	475.48	0.344	34.000	631	59.97	PCJ	1/1/1950	200	3	BB	T	I5	E14	E09	590	23.06	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014			
300A	371.5	205114296	476.46	476.61	0.344	34.000	631	59.97	HAA	1/1/1950	777																					

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN		
300A	390	205100201	485.13	485.13	0.406	34.000	631	44.04	TAPE	1/1/1972	5	1	BB	T	I5	E16	E09	590	22.08	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	390.3	205100202	485.13	485.14	0.344	34.000	631	51.97	TAPE	1/1/1972	5	1	BB	T	I5	E14	E09	590	24.67	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	391	205124348	485.14	485.14	0.500	34.000	631	33.01	FBE	11/19/2004	22	1	BB	T	I1	E16	E09	590	16.25	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	391.1	205124347	485.14	485.16	0.344	34.000	631	59.97	HAA	1/1/1950	244	1	BB	T	I5	E14	E09	590	23.58	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014		
300A	391.11	205118192	485.16	485.17	0.344	34.000	631	59.97	PAINT	1/1/1950	36	1	BB	T	I5	E14	E09	590	25.37	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014		
300A	391.12	205118194	485.17	485.17	0.344	34.000	631	59.97	PAINT	1/1/1950	9	1	BB	T	I5	E14	E09	590	24.34	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014		
300A	391.13	205118195	485.17	485.18	0.344	34.000	631	59.97	PAINT	1/1/1950	75	1	BB	T	I5	E14	E09	590	25.37	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014		
300A	391.15	205124342	485.18	485.18	0.344	34.000	631	59.97	HAA	1/1/1950	9	1	BB	T	I5	E14	E09	590	23.58	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014		
300A	391.56	205124339	485.18	485.78	0.500	34.000	631	33.01	FBE	11/19/2004	3745	3	BB	T	A5	E16	E09	590	23.24	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	391.6	205124345	485.78	485.79	0.344	34.000	631	59.97	HAA	1/1/1950	26	3	BB	T	A5	E14	E09	590	26.85	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014		
300A	391.61	205124341	485.79	485.80	0.344	34.000	631	59.97	HAA	1/1/1950	87	3	BB	T	A5	E14	E09	590	32.83	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014		
300A	391.65	205113323	485.80	485.81	0.344	34.000	631	59.97	HAA	1/1/1950	30	3	BB	T	A5	E14	E09	590	32.83	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014		
300A	391.7	205100213	485.81	485.82	0.344	34.000	631	59.97	HAA	1/1/1950	68	3	BB	T	A5	E14	E09	590	34.62	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014		
300A	391.8	205100211	485.82	485.95	0.344	34.000	631	59.97	HAA	1/1/1950	678	3	BB	T	A5	E14	E09	590	23.09	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014		
300A	391.9	205100188	485.95	485.96	0.344	34.000	631	59.97	HAA	1/1/1950	68	3	BB	T	A5	E14	E09	590	24.88	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014		
300A	392.0	205100234	485.96	486.35	0.344	34.000	631	59.97	HAA	1/1/1950	2071	3	BB	T	B5	E14	E09	590	23.09	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014		
300A	392.1	205100233	486.35	486.36	0.344	34.000	631	59.97	HAA	1/1/1950	54	3	BB	T	B5	E14	E09	590	24.88	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014		
300A	392.2	205100232	486.36	486.50	0.344	34.000	631	59.97	HAA	1/1/1950	762	3	BB	T	B5	E14	E09	590	21.10	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014		
300A	392.3	205100231	486.50	486.50	0.344	34.000	631	59.97	HAA	1/1/1950	9	3	BB	T	A5	E14	E09	590	17.51	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014		
300A	392.4	205100230	486.50	486.62	0.344	34.000	631	59.97	HAA	1/1/1950	617	3	BB	T	A5	E14	E09	590	15.72	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014		
300A	392.45	205113320	486.62	486.95	0.344	34.000	631	59.97	HAA	1/1/1950	1656	3	BB	T	A5	E14	E09	590	15.03	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014		
300A	392.6	205113319	487.18	487.78	0.344	34.000	631	59.97	HAA	1/1/1950	2987	3	BB	T	I5	E14	E09	590	20.40	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014		
300A	392.8	205100266	487.78	487.78	0.562	34.000	631	31.81	TAPE	8/10/1998	10	3	BB	T	I5	E16	E09	590	12.98	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	392.9	205100265	487.78	487.78	0.406	34.000	631	44.04	TAPE	1/1/1972	6	3	BB	T	I5	E16	E09	590	18.80	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	393.0	205100277	487.78	487.79	0.505	34.000	631	35.40	FBE	11/30/2002	26	3	BB	T	I5	E16	E09	590	12.54	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	393.2	205100276	487.78	487.79	0.406	34.000	631	44.04	TAPE	1/1/1972	13	3	BB	T	I5	E16	E09	590	18.80	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	394.1	205100262	487.79	487.79	0.562	34.000	631	31.81	FBE	4/14/2000	12	3	BB	T	I5	E16	E09	590	12.54	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	394.2	205100283	487.79	488.67	0.344	34.000	631	59.97	HAA	1/1/1950	4308	3	BB	T	I5	E14	E09	590	28.37	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014		
300A	394.3	205100279	488.67	488.67	0.562	34.000	631	31.81	FBE	4/14/2000	11	3	BB	T	I5	E16	E09	590	16.31	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	394.6	205100282	488.67	488.67	0.562	34.000	631	31.81	TAPE	10/24/2001	15	3	BB	T	I5	E16	E09	590	16.41	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	394.651	205119781	488.67	488.78	0.344	34.000	631	59.97	HAA	1/1/1950	591	3	BB	T	I5	E14	E09	590	29.54	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014		
300A	394.652	205119783	488.78	488.79	0.344	34.000	631	59.97	PCJ	1/1/1950	63	3	BB	T	I5	E14	E09	590	26.85	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014		
300A	394.653	205119784	488.79	488.89	0.344	34.000	631	59.97	HAA	1/1/1950	549	3	BB	T	I5	E14	E09	590	29.54	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014		
300A	394.66	205118389	488.89	488.93	0.344	34.000	631	59.97	PCJ	1/1/1950	222	3	BB	T	I5	E14	E09	590	37.51	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014		
300A	395.23	205100305	489.28	489.45	0.344	34.000	631	59.97	HAA	1/1/1950	873	3	BB	T	I5	E14	E09	590	28.37	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014		
300A	395.24	205100317	489.45	489.46	0.344	34.000	631	59.97	PAINT	1/1/1950	55	3	BB	T	I5	E14	E09	590	22.19	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014		
300A	395.25	205100318	489.46	489.66	0.344	34.000	631	59.97	HAA	1/1/1950	1077	3	BB	T	I5	E14	E09	590	28.37	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014		
300A	395.26	205100315	489.66	489.66	0.344	34.000	631	59.97	PCJ	1/1/1950	20	3	BB	T	I5	E14	E09	590	30.16	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014		
300A	395.27	205100316	489.66	489.68	0.344	34.000	631	59.97	HAA	1/1/1950	84	3	BB	T	I5	E14	E09	590	20.40	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014		
300A	395.28	205100314	489.68	489.70	0.344	34.000	631	59.97	PAINT	1/1/1950	120	3	BB	T	I5	E14	E09	590	22.19	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014		
300A	395.29	205100313	489.70	489.79	0.344	34.000	631	59.97	HAA	1/1/1950	612	3	BB	T	I5	E14	E09	590	28.37	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014		
300A	395.30	205114416	489.79	489.80	0.560	34.000	631	31.93	FBE	11/25/2002	19	3	BB	T	I5	E16	E09	590	12.54	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	395.31	205113312	489.80	489.85	0.344	34.000	631	59.97	HAA	1/1/1950	263	3	BB	T	I5	E14	E09	590	20.40	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014		
300A	395.32	205113313	489.85	490.09	0.344	34.000	631	59.97	HAA	1/1/1950	1352	3	BB	T	A8	E14	E09	590	24.17	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9/9/2014		
300A	395.325	205114425	490.09	490.09	0.560	34.000	631	31.93	FBE	11/25/2002	29	3	BB	T	A5	E16	E09	590	16.31	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	395.34	205100310	490.15	490.20	0.344	34.000	631	59.97	HAA	1/1/1950	571	3	BB	T	A5	E14	E09	590	32.13	Yes	No	No	Yes	Yes								



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN		
300A	402.5	205099715	494.91	494.92	0.500	34.000	555	41.02	HAA	1/1/1957	77	3	BB	T	B5	E16	E09	554	18.61	Yes	No	No	Yes	No	Yes	Yes	No	Yes	9/9/2014			
300A	403	205099884	494.92	495.49	0.500	34.000	555	41.02	HAA	1/1/1950	3045	3	BB	T	B5	E16	E09	554	19.04	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	9/9/2014			
300A	403.1	205099886	495.49	495.50	0.505	34.000	555	31.14	FBE	1/1/2001	66	3	BB	T	B5	E16	E09	554	7.06	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	403.2	205099885	495.50	495.86	0.500	34.000	555	41.02	HAA	1/1/1950	1886	3	BB	T	B5	E16	E09	554	19.04	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	9/9/2014			
300A	404	205099719	495.86	496.11	0.380	34.000	555	41.38	TAPE	1/1/1970	1295	3	BB	T	B5	E16	E09	554	12.37	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	404.2	205099636	496.11	496.11	0.380	34.000	555	41.38	TAPE	1/1/1970	18	3	BB	T	B5	E16	E09	554	13.43	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	404.21	205099882	496.11	496.24	0.380	34.000	555	41.38	WAX	1/1/1970	677	3	BB	T	B5	E16	E09	554	11.08	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	404.22	205099883	496.24	496.24	0.380	34.000	555	41.38	TAPE	1/1/1970	11	3	BB	T	B5	E16	E09	554	13.43	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	404.4	205099637	496.24	496.36	0.380	34.000	555	41.38	TAPE	1/1/1970	912	3	BB	T	B5	E16	E09	554	16.08	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	404.6	205099634	496.36	496.36	0.380	34.000	555	41.38	TAPE	1/1/1970	342	3	BB	T	B5	E16	E09	554	17.06	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	404.8	205099635	496.36	496.36	0.380	34.000	555	41.38	TAPE	1/1/1970	6	3	BB	T	B5	E16	E09	554	16.08	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	405.1	205119793	496.36	496.40	0.500	34.000	555	41.02	HAA	1/1/1950	203	3	BB	T	B5	E16	E09	554	22.74	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	405.2	205119795	496.40	496.41	0.500	34.000	555	41.02	PCJ	1/1/1950	48	3	BB	T	B5	E16	E09	554	22.49	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	405.3	205119796	496.41	496.89	0.500	34.000	555	41.02	HAA	1/1/1950	2547	3	BB	T	B5	E16	E09	554	19.04	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	405.5	205099867	496.36	496.90	0.562	34.000	555	27.98	TAPE	1/1/1997	51	3	BB	T	B5	E16	E09	554	5.88	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	405.7	205099868	496.90	496.94	0.562	34.000	555	27.98	CONC	1/1/1997	220	3	BB	T	B5	E16	E09	554	5.88	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	405.9	205099869	496.94	496.95	0.562	34.000	555	27.98	TAPE	1/1/1997	33	3	BB	T	B5	E16	E09	554	5.88	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	406	205099613	496.95	497.22	0.500	34.000	555	41.02	HAA	1/1/1950	1452	3	BB	T	A5	E16	E09	554	24.92	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	406.3	205099611	497.22	497.25	0.380	34.000	555	41.38	TAPE	1/1/1971	209	3	BB	T	A5	E16	E09	554	21.96	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	407	205099612	497.25	497.49	0.500	34.000	555	41.02	HAA	1/1/1950	1273	3	BB	T	A5	E16	E09	554	22.74	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	408	205099614	497.49	497.71	0.380	34.000	555	41.38	TAPE	1/1/1970	1480	3	BB	T	B5	E16	E09	554	17.06	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	409	205099382	497.71	499.96	0.500	34.000	555	41.02	HAA	1/1/1950	11927	3	BB	T	B5	E16	E09	554	19.04	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	409.1	205099381	499.96	499.96	0.562	34.000	555	27.98	TAPE	9/13/2000	4	3	BB	T	B5	E16	E09	554	9.59	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	409.2	205100165	499.96	499.98	0.500	36.000	555	33.30	FBE	9/13/2000	81	3	BB	T	B5	E16	E09	586	12.46	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	409.3	205100166	499.98	500.01	0.500	36.000	555	33.30	PC	9/13/2000	153	3	BB	T	B5	E16	E09	586	12.46	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	409.4	205100170	500.01	500.31	0.500	36.000	555	33.30	FBE	9/13/2000	1600	3	BB	T	B5	E16	E09	586	12.46	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	409.5	205099680	500.31	500.69	0.414	36.000	555	37.12	TAPE	1/1/1994	2000	3	BB	T	B5	E16	E09	586	12.46	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	409.6	205099681	500.69	500.85	0.432	36.000	555	38.54	TAPE	6/30/1995	918	3	BB	T	B5	E16	E09	586	9.78	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	409.7	205099692	500.85	500.85	0.500	36.000	555	33.30	TAPE	9/13/2000	32	3	BB	T	B5	E16	E09	586	12.46	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	409.8	205099691	500.85	500.85	0.562	34.000	555	27.98	TAPE	9/13/2000	3	3	BB	T	B5	E16	E09	554	9.59	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	409.9	205099690	500.85	501.32	0.500	34.000	555	41.02	HAA	1/1/1950	2464	3	BB	T	B5	E16	E09	554	28.04	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	410.8	205099682	501.32	501.32	0.500	34.000	555	31.45	TAPE	1/1/1992	4	3	BB	T	B5	E16	E09	554	17.59	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	411	205099688	501.32	501.64	0.383	34.000	555	41.06	TAPE	1/1/1992	1628	3	BB	T	B5	E16	E09	554	15.71	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	411.3	205099683	501.64	501.64	0.500	34.000	555	31.45	TAPE	1/1/1992	3	3	BB	T	B5	E16	E09	554	13.88	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	412	205100031	501.64	502.12	0.500	34.000	555	41.02	HAA	1/1/1950	3015	3	BB	T	B5	E16	E09	554	28.32	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	412.1	205100072	502.12	502.13	0.505	34.000	555	31.14	FBE	1/1/2002	44	3	BB	T	B5	E16	E09	554	17.65	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	412.2	205100085	502.13	502.15	0.500	34.000	555	41.02	HAA	1/1/1950	80	3	BB	T	B5	E16	E09	554	28.32	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	412.4	205100086	502.15	502.15	0.505	34.000	555	31.14	FBE	1/1/2002	21	3	BB	T	B5	E16	E09	554	23.53	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	412.5	205100097	502.15	502.17	0.500	34.000	555	41.02	HAA	1/1/1950	46	3	BB	T	B5	E16	E09	554	34.20	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	412.6	205100096	502.17	502.23	0.505	34.000	555	31.14	FBE	11/2/2002	349	3	BB	T	B5	E16	E09	554	20.88	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	413.3	205100060	502.23	502.23	0.505	34.000	555	31.14	FBE	11/30/2002	25	3	BB	T	B5	E16	E09	554	20.88	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	413.5	205136040	502.23	502.23	0.505	34.000	555	31.14	FBE	11/30/2002	23	3	BB	T	B5	E16	E09	554	23.53	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
300A	413.55	205136041	502.23	502.23	0.505	34.000	555	31.14	FBE	11/30/2002	43	3	BB	T	B5	E14	S07	554	23.53	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/14/2014		
300A	413.6	205100068	502.23	502.23	0.505	34.000	555	31.14	FBE	11/30/2002	20	3	BB	T	B5	E14	S07	553	20.88	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/14/2014		
300A	413.7	205100065	502.23	502.24	0.500	34.000	555	41.02	HAA	1/1/1950	71	3	BB	T	B5	E14	E07	553	31.55	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/19/2014		
300A-1	301	205100829	156.40	156.40	0.500	24.000	573	39.29	HAA	1/1/1950	22	3	BB	T	A5	E14	E07	397	13.31	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	5/1/2014		
300A-1	311	205123049	156.40	157.01	0.																											

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN		
300B	183.8	205123076	152.73	152.77	0.500	34.000	573	42.35	HAA	1/1/1952	205	2	BB	T	A5	E14	E07	562	12.43	Yes	No	No	Yes	No	Yes	Yes	No	Yes	5/1/2014			
300B	184	205101044	152.77	152.79	0.500	34.000	573	37.47	TAPE	1/1/1970	112	2	BB	T	B5	E14	E07	563	10.59	Yes	No	No	No	No	Yes	Yes	No	Yes	5/1/2014			
300B	185	205101045	152.79	153.40	0.500	34.000	573	42.35	HAA	1/1/1952	3205	3	BB	T	B5	E14	E07	562	16.27	Yes	No	No	Yes	No	Yes	Yes	No	Yes	5/1/2014			
300B	186	205123077	153.40	153.48	0.438	34.000	573	46.39	HAA	1/1/1952	443	2	BB	T	I5	E14	E07	562	12.43	Yes	No	No	Yes	No	Yes	Yes	No	Yes	5/1/2014			
300B	192.1	205123086	160.71	160.88	0.500	34.000	573	42.35	HAA	1/1/1952	884	2	BB	T	I5	E14	E07	562	12.43	Yes	No	No	Yes	No	Yes	Yes	No	Yes	5/1/2014			
300B	192.5	205100967	160.88	161.02	0.500	34.000	573	37.47		5/22/1958	753	2	BB	T	I5	E14	E07	562	19.25	Yes	No	No	Yes	No	Yes	Yes	No	Yes	5/1/2014			
300B	193	205100961	161.02	161.07	0.500	34.000	860	-63.57	HAA	5/22/1958	462	1	BB	T	I5	E11	E07	689	27.76	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	12/31/2011		11/12/2011	
300B	193.5	205100962	161.07	161.43	0.406	34.000	860	69.25	HAA	1/1/1957	3107	1	BB	T	I5	E11	E07	689	18.50	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	12/31/2011		11/12/2011	
300B	194	205100951	161.43	161.48	0.500	34.000	860	-63.57	HAA	5/22/1958	381	1	BB	T	I5	E11	E07	689	27.76	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	12/31/2011		11/12/2011	
300B	194.5	205123089	161.48	161.54	0.406	34.000	860	69.25	HAA	5/22/1958	529	1	BB	T	I5	E11	E07	689	15.74	Yes	No	Yes	Yes	No	Yes	Yes	No	Yes	12/31/2011		11/12/2011	
300B	213.5	205120894	187.57	187.78	0.500	34.000	860	56.23	HAA	1/1/1957	1171	1	BB	T	I1	E11	E07	689	21.68	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011			
300B	214	205120897	187.78	188.16	0.500	34.000	860	56.23	HAA	1/1/1957	2026	1	BB	T	I1	E11	E07	689	21.68	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011			
300B	216	205103217	190.61	190.61	0.469	34.000	860	59.95	HAA	1/1/1957	23	1	BB	T	I1	E11	E07	689	21.68	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011			
300B	217	205103218	190.61	191.02	0.406	34.000	860	69.25	HAA	1/1/1957	2112	1	BB	T	I1	E11	E07	689	24.03	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011			
300B	217.3	205103219	191.02	191.03	0.406	34.000	860	69.25	HAA	1/1/1957	95	2	BB	T	I1	E11	E07	689	27.26	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011			
300B	218	205103220	191.03	191.14	0.500	34.000	860	56.23	HAA	1/1/1957	588	2	BB	T	I1	E11	E07	689	25.95	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011			
300B	218.5	205120901	191.14	191.40	0.500	34.000	860	56.23	HAA	1/1/1957	1411	2	BB	T	I1	E11	E07	689	25.95	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011			
300B	227.5	205120908	198.54	198.86	0.406	34.000	860	69.25	HAA	1/1/1957	1614	2	BB	T	I1	E11	E07	689	27.26	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011			
300B	228	205120909	198.86	199.13	0.406	34.000	860	69.25	HAA	1/1/1957	1401	2	BB	T	I1	E11	E07	689	27.26	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011			
300B	229.5	205120921	200.74	201.22	0.406	34.000	860	69.25	HAA	1/1/1957	2498	2	BB	T	I1	E11	E07	689	27.26	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011			
300B	251.28	205130615	237.45	237.49	0.375	34.000	766	66.78	HAA	1/1/1950	239	2	BB	T	I5	E11		650	39.49	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	12/31/2011			
300B	251.3	205091799	237.49	237.50	0.375	34.000	766	66.78	HAA	1/1/1950	62	2	BB	T	I5	E11		650	39.49	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	12/31/2011			
300B	251.5	205091793	237.50	238.00	0.375	34.000	766	66.78	HAA	1/1/1950	2629	2	BB	T	I5	E11		650	39.49	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	12/31/2011			
300B	257.9	205153539	242.66	242.67	0.375	34.000	766	66.78	HAA	1/1/1950	77	1	BB	T	I6	E11		650	25.02	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	12/31/2011			
300B	258.1	205091745	242.67	242.68	0.375	34.000	766	66.78	HAA	1/1/1950	170	2	BB	T	I6	E11		650	25.48	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	12/31/2011			
300B	258.3	205091746	242.68	242.71	0.375	34.000	766	66.78	PAINT	1/1/1950	180	2	BB	T	I6	E11		650	27.32	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	12/31/2011			
300B	258.5	205153536	242.71	243.09	0.375	34.000	766	66.78	HAA	1/1/1950	2149	2	BB	T	I6	E11		650	25.48	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	12/31/2011			
300B	259.58	205130215	243.70	243.94	0.438	34.000	766	45.74	TAPE	1/1/1990	1260	3	BB	T	I5	E11		650	19.17	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
300B	259.6	205122444	243.94	245.86	0.438	34.000	766	45.74	TAPE	1/1/1990	10080	3	BB	T	I1	E14	E07	650	12.36	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/1/2014		
300B	260.15	205122446	246.47	247.16	0.375	34.000	766	66.78	HAA	1/1/1950	3659	2	BB	T	B1	E11	E07	650	22.35	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	12/31/2011			
300B	261.2	205091728	247.16	247.16	0.375	34.000	766	66.78	HAA	1/1/1950	10	2	BB	T	I1	E11	E07	650	18.68	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	12/31/2011			
300B	261.3	205091731	247.16	247.17	0.375	34.000	766	66.78	HAA	1/1/1980	17	2	BB	T	I1	E11	E07	650	14.73	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
300B	261.4	205091729	247.17	247.38	0.375	34.000	766	66.78	HAA	1/1/1950	1119	2	BB	T	I1	E11	E07	650	26.84	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	12/31/2011			
300B	261.5	205091692	247.38	247.52	0.493	36.000	766	43.03	TAPE	1/1/1988	739	2	BB	T	I1	E14	E07	688	17.39	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/1/2014		
300B	262.2	205091720	247.52	248.02	0.493	36.000	766	43.03	TAPE	1/1/1988	2634	3	BB	T	A1	E14	E07	688	25.58	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/1/2014		
300B	262.7	205091686	248.02	248.04	0.375	34.000	766	66.78	TAPE	1/1/1980	159	3	BB	T	A1	E11	E07	650	32.59	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
300B	263.1	205091687	248.04	248.17	0.375	34.000	766	66.78	TAPE	1/1/1985	637	3	BB	T	A1	E11	E07	650	30.97	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
300B	263.3	205091688	248.17	248.41	0.375	34.000	766	66.78	TAPE	1/1/1985	1273	3	BB	T	A1	E11	E07	650	30.97	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
300B	263.5	205091721	248.41	248.63	0.375	34.000	766	66.78	HAA	1/1/1950	1162	3	BB	T	A1	E11	E07	650	29.46	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	12/31/2011			
300B	263.7	205091723	248.63	248.63	-0.375	34.000	766	-66.78		1/1/1980	4	3	BB	T	A1	E11	E07	650	28.92	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
300B	263.9	205091734	248.63	248.83	0.375	34.000	766	66.78	HAA	1/1/1950	1021	3	BB	T	A1	E11	E07	650	33.54	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	12/31/2011			
300B	269.0	205123542	256.66	257.51	0.344	34.000	754	71.66	HAA	1/1/1950	4485	1	BB	T	I15	I12	E07	645	30.82	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	5/1/2012			
300B	271.7	205122453	263.46	264.22	0.344	34.000	754	71.66	HAA	1/1/1950	3996	1	BB	T	I1	I12	E07	645	29.53	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	5/1/2012			
300B	272.0	205145896	264.22	264.37	0.344	34.000	754	71.66	HAA	1/1/1950	806	1	BB	T	I5	I12		645	32.11	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	12/17/2012			
300B	281	205133560	272.40	272.50	0.505	34.000	754	42.30	FBE	7/25/2005	548	3	BB	T	I6	I12	E07	645	16.48	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/1/2012		
300B	281.1	205133562	272.50	272.53	0.505	34.000	754	42.30	PC	7/25/2005	141	3	BB	T	I6	I12	E07	645	13.73	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/1/2012		
300B	281.2	205133563	272.53	272.76	0.505	34.000	754	42.30	FBE	7/25/2005	1200	3	BB																			

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN				
300B	287.5	205135512	276.49	276.59	0.505	34.000	754	42.30	FBE	9/6/2002	549	3	BB	T	I9	I12		645	23.41	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012				
300B	287.6	205135513	276.59	276.86	0.505	34.000	754	42.30	FBE	9/6/2002	1392	3	BB	T	B5	I12		645	23.41	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012				
300B	287.7	205121360	276.86	277.05	0.505	34.000	754	42.30	FBE	9/6/2002	1028	3	BB	T	A1	I12		645	31.66	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012				
300B	288	205091487	277.05	277.06	0.505	34.000	754	42.30	FBE	9/6/2002	72	3	BB	T	A1	I12		645	31.66	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012				
300B	288.5	205091489	277.06	277.15	0.505	34.000	754	42.30	PCJ	9/6/2002	507	3	BB	T	A1	I12		645	28.91	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012				
300B	289	205091490	277.15	277.53	0.505	34.000	754	42.30	FBE	9/6/2002	2143	3	BB	T	B1	I12		645	28.91	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012				
300B	289.5	205091488	277.53	277.54	0.505	34.000	754	42.30	FBE	9/6/2002	97	3	BB	T	B1	I12		645	26.16	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012				
300B	290	205115847	277.54	278.29	0.438	34.000	754	45.02	FBE	10/27/1990	3822	3	BB	T	A1	I12		645	29.00	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012				
300B	290.5	205121357	278.29	279.01	0.505	34.000	754	42.30	FBE	10/10/2003	4434	3	BB	T	A1	I12		645	19.47	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012				
300B	290.8	205130616	279.01	280.03	0.505	34.000	754	42.30	FBE	10/10/2003	6251	3	BB	T	A5	I12		645	27.72	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012				
300B	297	205121362	286.32	286.50	0.344	34.000	754	71.66	HAA	1/1/1950	971	2	BB	T	I1	I12	E07	645	30.76	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	5/1/2012			
300B	297.5	205091281	286.50	286.52	0.500	34.000	754	55.73	HAA	1/1/1950	89	2	BB	T	I1	I12	E07	645	29.47	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	5/1/2012			
300B	298	205091282	286.52	286.66	0.344	34.000	754	71.66	HAA	1/1/1950	778	2	BB	T	I1	I12	E07	645	30.76	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	5/1/2012			
300B	298.5	205091283	286.66	286.69	0.500	34.000	754	55.73	HAA	1/1/1950	126	2	BB	T	I1	I12	E07	645	28.45	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	5/1/2012			
300B	298.7	205121363	286.69	286.92	0.344	34.000	754	71.66	HAA	1/1/1950	1206	2	BB	T	I1	I12	E07	645	34.83	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	5/1/2012			
300B	328.8	205123114	353.54	353.80	0.313	34.000	668	69.88	HAA	1/1/1953	1473	1	BB	T	I5	E11	E07	607	43.78	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	12/31/2011			
300B	329	205080497	353.80	353.82	0.500	34.000	668	49.37	HAA	1/1/1953	126	1	BB	T	I1	E11	E07	607	35.43	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011				
300B	330	205134659	353.82	354.02	0.500	34.000	839	62.01	HAA	1/1/1950	1035	1	BB	T	I1	E11	E07	681	50.62	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	12/31/2011		11/12/2011	
300B	330.1	205134664	354.02	354.02	0.505	34.000	839	47.07	TAPE	2/15/2007	5	3	BB	T	I9	E11	E07	681	29.87	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011				
300B	330.2	205134665	354.02	354.02	0.500	24.000	839	33.56	TAPE	2/15/2007	11	3	BB	T	I9	E11	E07	481	24.73	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011				
300B	330.3	205134663	354.02	354.02	0.505	34.000	839	47.07	TAPE	2/15/2007	5	3	BB	T	I9	E11	E07	681	29.87	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011				
300B	331	205134658	354.02	354.20	0.500	34.000	839	62.01	HAA	1/1/1950	898	1	BB	T	I1	E11	E07	681	50.62	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	12/31/2011		11/12/2011	
300B	331.5	205123435	354.20	354.31	0.438	34.000	839	67.92	HAA	1/1/1950	594	1	BB	T	I1	E11	E07	681	39.53	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	12/31/2011		11/12/2011
300B	350	205163286	384.28	384.84	0.438	34.000	839	67.92	HAA	1/1/1950	2959	1	BB	T	I6	E17		681	32.51	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	10/31/2017		
300B	362.6	205123136	414.77	415.04	0.438	34.000	839	67.92	HAA	1/1/1950	1171	1	BB	T	I1	E11	I05	681	17.22	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	12/31/2011		
300B	363	205086748	415.04	415.20	0.500	34.000	839	47.54	TAPE	1/1/1974	870	3	BB	T	I1	E11	I05	681	16.69	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011				
300B	363.3	205123137	415.20	415.41	0.438	34.000	839	67.92	HAA	1/1/1950	1125	1	BB	T	I1	E11	I05	681	17.22	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	12/31/2011		
300B	363.7	205123148	416.31	416.79	0.438	34.000	839	67.92	HAA	1/1/1950	2530	1	BB	T	I1	E11	I05	681	17.22	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	12/31/2011		
300B	375.1	205123155	445.73	446.06	0.344	34.000	620	58.92	HAA	1/1/1954	1749	2	BB	T	I1	E11	I05	585	17.40	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	12/31/2011		
300B	375.7	205161034	450.33	450.39	0.344	34.000	620	58.92	HAA	1/1/1954	331	1	BB	T	I1	E11	I05	585	24.77	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	12/31/2011		
300B	375.72	205161036	450.39	450.39	0.505	34.000	620	34.79	FBE	9/16/2009	18	3	BB	T	I1	E11	I05	585	17.88	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011				
300B	375.73	205161033	450.39	450.40	0.344	34.000	620	58.92	HAA	1/1/1954	56	3	BB	T	I1	E11	I05	585	24.46	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	12/31/2011		
300B	375.74	205161024	450.40	450.43	0.344	34.000	620	58.92	HAA	1/1/1954	146	3	BB	T	I1	E11	I05	585	24.46	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	12/31/2011		
300B	375.75	205161026	450.43	450.43	0.505	34.000	620	34.79	FBE	9/16/2009	19	3	BB	T	I1	E11	I05	585	17.88	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011				
300B	375.9	205086684	450.43	450.52	0.500	36.000	620	42.92	TAPE	1/1/1987	474	3	BB	T	I1	E11	I05	620	24.92	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011				
300B	376	205086685	450.52	450.54	0.531	36.000	620	40.42	TAPE	1/1/1987	111	3	BB	T	I1	E11	I05	620	19.90	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011				
300B	376.3	205086686	450.54	450.57	0.500	36.000	620	42.92	TAPE	1/1/1987	138	3	BB	T	I1	E11	I05	620	19.48	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011				
300B	376.5	205086687	450.57	450.57	0.500	34.000	620	40.54	TAPE	1/1/1987	3	3	BB	T	I1	E11	I05	585	19.20	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011				
300B	377	205137639	450.57	450.78	0.406	34.000	620	43.27	TAPE	1/1/1972	1082	3	BB	T	I1	E11	I05	585	20.22	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011				
300B	377.2	205137641	450.78	450.78	0.505	34.000	620	34.79	FBE	5/22/2005	18	3	BB	T	I6	E11	I05	585	12.52	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011				
300B	377.4	205137634	450.78	450.78	0.505	34.000	620	34.79	FBE	5/22/2005	18	3	BB	T	I6	E14	S08	585	12.89	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/14/2014				
300B	377.6	205137638	450.78	450.79	0.500	34.000	620	35.13	HAA	1/1/1954	24	3	BB	T	I1	E14	S08	585	24.39	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/14/2014				
300B	377.8	205126661	450.79	450.80	0.500	34.000	620	35.13	HAA	1/1/1954	54	3	BB	T	I1	E14	S08	585	24.39	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/14/2014				
300B	378	205136036	450.80	450.81	0.406	34.000	620	43.27	TAPE	1/1/1972	102	3	BB	T	I1	E14	S08	585	25.19	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/14/2014				
300B	378.2	205136037	450.81	450.93	0.406	34.000	620	43.27	TAPE	1/1/1972	1186	3	BB	T	I1	I13	I06	585	15.26	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/3/2013				
300B	378.3	205083115	450.93</																															

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT		H3 THREAT		EC PLAN	IC PLAN	SCC PLAN
300B	413	205114283	489.18	489.33	0.344	34.000	631	59.97	HAA	1/1/1957	780	3	BB	T	B5	I13	106	590	24.17	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	5/3/2013		
300B	413.3	205118730	489.33	489.45	0.344	34.000	631	59.97	HAA	1/1/1957	621	3	BB	T	I5	I13	106	590	24.17	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	5/3/2013		
300B	413.5	205118731	489.45	490.00	0.344	34.000	631	59.97	HAA	1/1/1957	2862	3	BB	T	A8	I13	106	590	24.17	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	5/3/2013		
300B	414	205100736	490.00	490.08	0.375	34.000	631	55.01	HAA	1/1/1957	433	3	BB	T	A8	I13	106	590	24.17	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	5/3/2013		
300B	415	205100738	490.08	490.10	0.438	34.000	631	47.15	HAA	1/1/1957	100	3	BB	T	A8	I13	106	590	22.90	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	5/3/2013		
300B	415.1	205100741	490.10	490.10	0.560	34.000	631	31.93	WAX	7/28/2003	17	3	BB	T	A8	I13	106	590	16.31	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/3/2013		
300B	415.2	205130252	490.10	490.20	0.438	34.000	631	47.15	HAA	1/1/1957	536	3	BB	T	A8	I13	106	590	32.86	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	5/3/2013		
300B	415.3	205114282	490.48	490.68	0.438	34.000	631	47.15	HAA	1/1/1957	1055	3	BB	T	A5	I13	106	590	36.24	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	5/3/2013		
300B	416	205100734	490.68	490.72	0.500	34.000	631	41.26	HAA	1/1/1957	215	3	BB	T	A5	I13	106	590	28.28	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	5/3/2013		
300B	416.1	205100735	490.72	490.97	0.500	34.000	631	41.26	HAA	1/1/1957	1305	3	BB	T	B5	I13	106	590	28.50	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	5/3/2013		
300B	417	205100287	490.97	492.08	0.438	34.000	597	44.61	HAA	1/1/1957	5961	3	BB	T	B5	I13	106	574	19.01	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	5/3/2013		
300B	417.3	205099345	492.08	492.11	0.562	34.000	597	30.10	TAPE	1/1/1986	141	3	BB	T	A5	I13	106	574	7.12	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/3/2013		
300B	418	205099346	492.11	493.12	0.438	34.000	597	44.61	HAA	1/1/1957	5386	3	BB	T	A5	I13	106	574	13.67	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	5/3/2013		
300B	418.3	205099817	493.12	493.17	0.380	34.000	597	44.51	TAPE	1/1/1970	254	3	BB	T	B5	I13	106	574	9.85	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/3/2013		
300B	419	205100323	493.17	493.62	0.438	34.000	597	44.61	HAA	1/1/1957	2376	3	BB	T	I5	I13	106	574	13.67	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	5/3/2013		
300B	420.2	205098939	493.62	493.63	0.438	34.000	597	38.62	TAPE	1/1/1969	43	3	BB	T	I5	I13	106	574	9.73	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/3/2013		
300B	420.21	205099562	493.63	493.66	0.438	34.000	597	38.62	WAX	1/1/1969	140	3	BB	T	I5	I13	106	574	9.73	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/3/2013		
300B	420.22	205099563	493.66	493.83	0.438	34.000	597	38.62	TAPE	1/1/1969	923	3	BB	T	I5	I13	106	574	9.73	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/3/2013		
300B	421	205098937	493.83	494.00	0.438	34.000	597	44.61	HAA	1/1/1957	718	3	BB	T	B5	I13	106	574	17.41	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	5/3/2013		
300B	422	205099860	494.00	495.78	0.438	34.000	597	44.61	HAA	1/1/1957	9433	3	BB	T	B5	I13	106	574	13.67	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	5/3/2013		
300B	422.6	205099716	495.78	495.79	0.500	34.000	597	39.03	HAA	1/1/1957	48	3	BB	T	B5	I13	106	574	11.96	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	5/3/2013		
300B	423	205099717	495.79	496.15	0.438	34.000	597	44.61	HAA	1/1/1957	1907	3	BB	T	B5	I13	106	574	13.67	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	5/3/2013		
300B	424	205099818	496.15	496.40	0.380	34.000	597	44.51	TAPE	1/1/1970	1313	3	BB	T	B5	I13	106	574	9.85	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/3/2013		
300B	424.2	205099631	496.40	496.53	0.380	34.000	597	44.51	TAPE	1/1/1970	710	3	BB	T	B5	I13	106	574	11.24	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/3/2013		
300B	424.4	205099632	496.53	496.79	0.380	34.000	597	44.51	TAPE	1/1/1970	891	3	BB	T	I5	I13	106	574	13.59	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/3/2013		
300B	424.6	205099528	496.79	496.96	0.380	34.000	597	44.51	TAPE	1/1/1970	358	3	BB	T	B5	I13	106	574	13.91	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/3/2013		
300B	424.8	205099629	496.96	496.96	0.380	34.000	597	44.51	TAPE	1/1/1970	6	3	BB	T	B5	I13	106	574	13.59	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/3/2013		
300B	425	205099623	496.96	497.30	0.438	34.000	597	44.61	HAA	1/1/1957	2483	3	BB	T	B5	I13	106	574	13.67	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	5/3/2013		
300B	425.2	205099626	497.30	497.30	0.500	34.000	597	33.83	TAPE	1/1/1992	5	3	BB	T	A5	I13	106	574	8.66	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/3/2013		
300B	425.4	205099625	497.30	497.30	0.576	36.000	597	31.09	TAPE	1/1/1992	20	3	BB	T	A5	I13	106	607	7.22	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/3/2013		
300B	425.6	205099627	497.30	497.30	0.500	34.000	597	33.83	TAPE	1/1/1992	14	3	BB	T	A5	I13	106	574	8.66	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/3/2013		
300B	425.8	205099872	497.30	497.80	0.438	34.000	597	44.61	HAA	1/1/1957	3509	3	BB	T	B5	I13	106	574	19.61	Yes	No	No	No	Yes	Yes	Yes	Yes	No	Yes	5/3/2013		
300B	426	205099609	497.80	498.00	0.380	34.000	597	44.51	TAPE	1/1/1970	688	3	BB	T	B5	I13	106	574	13.91	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/3/2013		
300B	426.3	205099610	498.00	498.15	0.438	34.000	597	44.61	TAPE	1/1/1970	796	3	BB	T	B5	I13	106	574	13.91	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/3/2013		
300B	427	205100171	498.15	501.76	0.438	34.000	597	44.61	HAA	1/1/1957	19712	3	BB	T	B5	I13	106	574	19.01	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes	5/3/2013	5/2/2013	
300B	428.7	205099678	501.76	501.94	0.383	34.000	597	44.16	TAPE	1/1/1992	1017	3	BB	T	I5	I13	106	574	15.19	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	5/3/2013	5/2/2013	
300B	429	205100105	501.94	502.56	0.438	34.000	597	44.61	HAA	1/1/1957	3261	3	BB	T	I5	I13	106	574	30.28	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes	5/3/2013	5/2/2013	
300B	429.5	205100106	502.56	502.59	0.438	34.000	597	44.61	WAX	1/1/1957	150	3	BB	T	I5	I13	106	574	30.28	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes	5/3/2013	5/2/2013	
300B	429.7	205100107	502.59	502.60	0.438	34.000	597	44.61	PC	1/1/1957	69	3	BB	T	I5	I13	106	574	30.28	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes	5/3/2013	5/2/2013	
300B	429.8	205136038	502.60	502.62	0.438	34.000	597	44.61	HAA	1/1/1957	99	3	BB	T	I5	I13	106	574	30.28	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes	5/3/2013	5/2/2013	
300B	430.8	205136039	502.62	502.64	0.438	34.000	597	44.61	HAA	1/1/1957	114	3	BB	T	I5	E14	S07	574	37.46	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/14/2014		
3010-01	110.05	205115296	0.13	0.22	0.172	8.625	338	20.18	TAPE	1/1/1970	488	3	DFM	T	I5	E13	E06	110	18.72	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	6/4/2013		
3010-01	110.2	205115299	0.53	0.57	0.172	8.625	338	20.18	TAPE	1/1/1970	211	3	DFM	T	I5	E13	E06	110	18.72	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	6/4/2013		
3010-01	110.3	205093520	0.57	0.65	0.219	6.625	338	14.61		1/1/1990	432	3	DFM	T	I5	E13	E06	85	16.88	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	6/4/2013		
3010-01	110.4	205093525	0.65	0.66	0.237	4.500	338	9.17		1/1/1990	30	3	DFM	TC	I5	E13	E06	58	16.64	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	6/4/2013		
3010-01	112	205115300	0.66	0.83	-0.141	4.500	338	-15.41		1/1/1956	881	3	DFM	TC	I5	E13	E0															



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN	
3019-07	98	205092242	0.00	0.00	-0.172	8.625	405	-29.01			32	3	BD	T	I5	E12		121	35.88	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/17/2012	4/17/2014	
301A	100.3	205087575	0.00	0.00	-0.250	20.000	-396	-37.71			359	3	LT	T	I1	E13	E07	276	28.89	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	11/30/2013		
301A	101	205086739	0.00	0.12	0.250	20.000	396	60.00	HAA	1/1/1951	710	3	LT	T	I1	E11	E07	276	18.92	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/30/2011		
301A	104	205083070	1.72	2.07	0.250	20.000	396	60.00	HAA	1/1/1951	1800	3	LT	T	I1	E11	E07	276	21.73	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/30/2011		
301A	105.3	205123173	2.07	2.14	0.250	20.000	396	60.00	HAA	1/1/1951	348	3	LT	T	I1	E11	E07	276	18.33	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/30/2011		
301A	105.5	205129196	2.14	2.24	0.250	20.000	396	60.00	HAA	1/1/1951	580	3	LT	T	I5	E14	E09	276	17.46	Yes	No	No	Yes	No	Yes	Yes	No	Yes	7/17/2014		
301A	135.5	205119464	24.45	24.64	0.250	24.000	396	36.55	HAA	1/1/1972	1028	3	LT	T	I5	E13	E07	330	15.31	Yes	No	No	No	No	Yes	Yes	No	Yes	11/30/2013		
301A	136	205119465	24.64	24.77	0.250	20.000	396	37.71	HAA	1/1/1972	640	3	LT	T	I5	E13	E07	275	14.91	Yes	No	No	No	No	Yes	Yes	No	Yes	11/30/2013		
301B	104.3	205119477	1.60	1.89	0.281	12.750	408	26.45	HAA	1/1/1952	1566	3	LT	T	I5	E11		178	17.24	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011		
301B	112.4	205144543	10.16	10.33	0.281	12.750	408	26.45	HAA	1/1/1952	938	3	LT	T	I9	E11		178	15.04	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011		
301B	115.1	205119480	13.77	13.81	0.219	12.750	408	28.28	HAA	1/1/1967	236	3	LT	T	I5	E11		178	24.81	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011		
301B	115.2	205082970	13.63	13.63	0.281	12.750	408	22.04	TAPE	1/1/1992	22	3	LT	T	I5	E11		178	16.62	Yes	No	No	No	No	Yes	Yes	No	Yes	12/31/2011		
301B	115.8	205083825	13.81	13.92	0.219	12.750	408	28.28	HAA	1/1/1967	774	3	LT	T	I5	E11		178	24.81	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011		
301B	116.2	205119481	13.92	13.95	0.281	12.750	408	26.45	HAA	1/1/1952	223	3	LT	T	I5	E11		178	18.33	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011		
301C	100	205120772	13.63	13.68	0.281	12.750	408	22.04	TAPE	1/1/1992	247	3	LT	T	I5	E11		178	16.64	Yes	No	No	No	No	Yes	Yes	No	Yes	12/31/2011		
301C	101.5	205144681	14.14	14.35	0.281	12.750	408	22.04	TAPE	1/1/1987	1035	2	LT	T	I9	E11		179	11.29	Yes	No	No	No	No	Yes	Yes	No	Yes	12/31/2011		
301C	102	205120774	14.35	14.36	0.281	12.750	408	22.04	TAPE	1/1/1987	78	2	LT	T	I9	E11		178	11.29	Yes	No	No	No	No	Yes	Yes	No	Yes	12/31/2011		
301C	102.2	205120776	14.36	14.57	0.281	12.750	408	22.04	TAPE	1/1/1987	1123	2	LT	T	I5	E11		178	14.58	Yes	No	No	No	No	Yes	Yes	No	Yes	12/31/2011		
301F	105.4	205120373	3.10	3.16	0.250	16.000	408	-46.63	HAA	1/1/1969	347	1	LT	T	I5	E11		223	11.26	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011		
301F	105.6	205083577	3.16	3.18	0.250	16.000	408	49.45	HAA	1/1/1969	81	1	LT	T	I5	E11		223	11.26	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011		
301F	106	205120374	3.18	3.28	0.250	16.000	408	49.45	HAA	1/1/1966	533	1	LT	T	I5	E11		223	11.26	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011		
301F	108	205083579	4.77	4.96	0.250	16.000	408	49.45	HAA	1/1/1966	1003	3	LT	T	B5	E11		223	17.18	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011		
301F	108.3	205083580	4.96	4.99	0.250	16.000	408	25.11	TAPE	1/1/1981	158	3	LT	T	A5	E11		223	15.38	Yes	No	No	No	No	Yes	Yes	No	Yes	12/31/2011		
301F	109	205084022	4.99	6.52	0.250	16.000	408	49.45	HAA	1/1/1966	8078	3	LT	T	B5	E11		223	18.02	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011		
301F	110	205120376	6.52	6.58	0.219	16.000	-400	-34.79	TAPE	1/1/1971	493	3	LT	T	I5	E11		221	21.42	Yes	No	No	No	No	Yes	Yes	No	Yes	12/31/2011		
301F	111.8	205120379	7.12	7.26	0.250	16.000	408	-46.63	HAA	1/1/1966	726	3	LT	T	I5	E11		223	17.18	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011		
301F	112	205113430	7.26	7.30	0.219	16.000	408	35.49	HAA	1/1/1971	228	3	LT	T	I5	E11		223	19.42	Yes	No	No	No	No	Yes	Yes	No	Yes	12/31/2011		
301F	112.1	205115411	7.30	7.30	0.312	16.000	408	20.12	FBE	11/19/2003	8	3	LT	T	I5	E11		223	10.53	Yes	No	No	No	No	Yes	Yes	No	Yes	12/31/2011		
301F	112.2	205115412	7.30	7.32	0.312	16.000	408	20.12	FBE	11/19/2003	90	3	LT	T	I5	E11		223	8.42	Yes	No	No	No	No	Yes	Yes	No	Yes	12/31/2011		
301F	112.3	205113436	7.32	7.33	0.312	16.000	408	20.12	FBE	11/19/2003	78	3	LT	T	I5	E11		223	8.42	Yes	No	No	No	No	Yes	Yes	No	Yes	12/31/2011		
301F	112.4	205115413	7.33	7.34	0.312	16.000	408	20.12	FBE	11/19/2003	25	3	LT	T	I5	E11		223	8.42	Yes	No	No	No	No	Yes	Yes	No	Yes	12/31/2011		
301F	112.5	205115414	7.34	7.34	0.312	16.000	408	20.12	FBE	11/19/2003	6	3	LT	T	I5	E11		223	10.53	Yes	No	No	No	No	Yes	Yes	No	Yes	12/31/2011		
301F	112.6	205113433	7.34	7.63	0.219	16.000	408	35.49	HAA	1/1/1971	1637	3	LT	T	I5	E11		223	19.42	Yes	No	No	No	No	Yes	Yes	No	Yes	12/31/2011		
301F	113	205084020	7.63	7.94	0.250	16.000	408	49.45	HAA	1/1/1966	1637	3	LT	T	I5	E11		223	17.18	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011		
301G	100.3	205087574	0.00	0.00	-0.281	-24.000	-500	-50.84			438	3	LT	T	I1	E11		371	41.07	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/31/2011		
301G	101	205086690	0.00	0.12	0.290	30.000	500	49.73	HAA	1/1/1967	633	3	LT	T	I1	E11		464	21.64	Yes	No	No	No	No	Yes	Yes	No	Yes	12/31/2011		
301G	102.5	205123172	1.61	1.72	0.290	30.000	500	49.73	HAA	1/1/1967	560	3	LT	T	A6	E11		463	20.37	Yes	No	No	No	No	Yes	Yes	No	Yes	12/31/2011		
301G	103	205083048	1.72	2.07	0.290	30.000	500	49.73	HAA	1/1/1967	1848	3	LT	T	I1	E11		463	21.31	Yes	No	No	No	No	Yes	Yes	No	Yes	12/31/2011		
301G	104	205083049	2.07	2.34	0.290	30.000	500	49.73	HAA	1/1/1967	1426	3	LT	T	I1	E11		463	21.31	Yes	No	No	No	No	Yes	Yes	No	Yes	12/31/2011		
301G	104.3	205083050	2.34	2.34	0.375	30.000	500	45.45	HAA	1/1/1977	3	3	LT	T	I1	E11		463	20.37	Yes	No	No	No	No	Yes	Yes	No	Yes	12/31/2011		
301G	116.3	205119467	18.00	18.47	0.250	24.000	500	46.15	HAA	1/1/1967	2457	3	LT	T	A5	E11		371	18.31	Yes	No	No	No	No	Yes	Yes	No	Yes	12/31/2011		
301G	128	205083268	24.25	24.35	0.250	24.000	500	46.15	HAA	1/1/1972	528	3	LT	T	I5	E11		371	23.20	Yes	No	No	No	No	Yes	Yes	No	Yes	12/31/2011		
301G	129	205083269	24.35	24.35	0.313	2																									

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN
331A	105.1	205121248	0.04	0.28	0.188	6.625	890	37.34	HAA	1/1/1975	1266	2	LT	T	I5	E15	E10	137	15.62	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/16/2015
331A	140	205145368	5.59	5.68	0.156	6.625	890	45.00	TAPE	1/1/1983	484	1	LT	T	I2	E15	E10	137	15.80	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/16/2015
331A	157	205093872	7.91	8.06	0.156	6.625	890	45.00	TAPE	1/1/1983	797	3	LT	T	I5	E15	E10	137	22.27	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/16/2015
331A	164	205093870	8.06	8.06	0.156	6.625	890	45.00	TAPE	1/1/1983	12	3	LT	T	I5	E15	E10	137	21.47	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/16/2015
331A	168	205121250	8.06	8.33	0.156	6.625	890	45.00	TAPE	1/1/2001	1395	3	LT	T	I5	E15	E10	137	20.33	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/16/2015
331B	227	205121256	4.37	4.64	0.188	6.625	890	37.34	TAPE	1/1/1990	1444	3	LT	T	I5	E15	E10	137	19.32	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/16/2015
331B-1	302	205145371	0.74	0.76	0.188	6.625	890	37.34	TAPE	1/1/1990	101	1	LT	T	I2	E15	E10	137	14.46	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/16/2015
331B-2	111	205164131	0.00	0.27	0.281	12.750	890	38.83	FBE	7/1/2008	1409	3	LT	T	I3	E15		263	11.41	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/11/2017
400-3	101.1	205119458	295.91	296.40	0.500	26.000	965	48.25	SOMA	1/1/1961	2558	3	BB	T	I1	E15	E10	558	23.18	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/5/2015
400-3	104.5	205115309	299.52	299.54	0.500	26.000	965	48.25	SOMA	1/1/1961	97	1	BB	T	I5	E13	E06	558	13.86	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	1/30/2013
400-3	105	205093479	299.54	299.91	0.500	26.000	965	48.25	SOMA	1/1/1961	1922	3	BB	T	I5	E13	E06	558	27.19	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	1/30/2013
400-3	105.3	205093478	299.91	299.91	0.500	36.000	965	66.81	SOMA	1/1/1961	8	3	BB	T	I5	E15	E10	773	24.24	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/5/2015
402B	302	205096672	9.95	9.97	0.365	10.750	600	25.24	TAPE	11/2/1994	106	2	LT	T	I5	E12		183	11.19	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
402B	303	205121549	9.97	10.06	0.250	10.750	600	30.71	TAPE	11/2/1994	490	2	LT	T	I5	E12		183	13.99	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
402B	303.4	205121553	11.70	11.92	0.250	10.750	600	30.71	TAPE	11/2/1994	1173	3	LT	T	I5	E12		183	17.76	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012
6603-01	112	205103118	4.43	4.52	0.188	6.625	400	-16.78		1/1/1995	450	3	DFM	TP	I1	E17	E10	92	20.31	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/19/2017
6603-01	112.2	205121375	4.52	5.41	0.188	6.625	400	-16.78		1/1/1958	4703	3	DFM	TP	I1	E17	E10	92	24.09	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/19/2017
6607-01	102	205120906	0.11	0.26	0.219	8.625	860	40.32		1/1/1990	800	3	DFM	T	I1	E14	E07	176	20.13	Yes	No	No	No	No	Yes	Yes	No	No	Yes	5/1/2014
6624-01	101	205120966	0.00	0.29	0.156	3.500	-475	-15.22		1/1/1980	2223	3	DFM	TC	I1	E12		54	25.34	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012
6635-02	100	205128981	0.00	0.06	-0.141	3.500	-475	-16.84		1/1/1982	298	3	DFM	TC	I5	E12		54	28.03	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012
6635-02	101	205131126	0.06	0.13	-0.141	2.375	-475	-26.67		1/1/2003	387	3	DFM	TI	I5	E12		37	26.57	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012
7202-01	305	205163983	0.00	0.00	0.237	4.500	400	10.85	Protal 7200	1/31/2009	1	3	DFM	TP	B6	E11		63	16.06	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011
7202-01	306	205163982	0.00	0.54	0.141	4.500	400	18.24	XTRUPL	1/1/1970	2832	3	DFM	TC	B5	E11		63	22.37	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011
7204-01	101	205083702	1.90	1.96	0.188	6.625	400	16.78	HAA	1/1/1966	325	3	DFM	TP	B5	E14	E08	92	19.26	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	8/4/2014
7204-01	102	205083701	1.89	1.90	0.156	6.625	400	20.22	HAA	1/1/1980	56	3	DFM	T	B5	E14	E08	92	16.55	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/4/2014
7205-01	301.5	205121261	0.19	0.33	0.219	8.625	400	18.75	TAPE	1/1/1989	720	3	DFM	TP	B5	E11		120	21.25	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011
7205-01	302.1	205127208	0.33	0.63	0.219	8.625	400	18.75	TAPE	1/1/1989	1667	3	DFM	TP	I5	E11		120	21.25	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011
7205-01	302.2	205127210	0.63	0.63	0.188	8.625	400	21.85	TAPE	12/4/2004	2	3	DFM	T	I5	E11		120	18.05	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011
7205-01	302.3	205127211	0.63	0.64	0.219	8.625	400	18.75	TAPE	1/1/1989	57	3	DFM	TP	I5	E11		120	20.45	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011
7205-01	302.4	205147907	0.64	0.64	0.188	8.625	400	21.85	FBE	12/4/2004	7	3	DFM	T	I5	E11		120	16.79	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011
7205-01	302.45	205147908	0.64	0.65	0.188	8.625	400	21.85	FBE	12/4/2004	53	3	DFM	T	I5	E11		120	16.79	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011
7205-01	302.5	205126784	0.65	0.76	0.322	8.625	400	15.31	PCJ	12/4/2004	563	3	DFM	TP	I5	E11		120	12.19	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011
7205-01	302.6	205128889	0.75	0.76	0.188	8.625	400	21.85	FBE	12/4/2004	74	3	DFM	T	I5	E11		120	14.63	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011
7205-01	303.43	205164143	1.74	1.82	0.188	6.625	400	16.78		1/1/1991	454	3	DFM	TP	I3	E11		92	25.46	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011
7205-01	303.45	205152740	1.93	2.02	0.188	6.625	400	16.78		1/1/1991	489	3	DFM	TP	I9	E11		92	25.46	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011
7205-01	303.8	205162471	2.75	2.85	0.188	8.625	400	21.85	FBE	12/4/2004	556	3	DFM	T	A3	E11		120	14.93	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011
7205-01	303.88	205134933	2.99	3.07	0.188	8.625	400	21.85	FBE	12/4/2004	436	3	DFM	T	I9	E11		120	14.93	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011
7206-01	101.1	205121268	0.21	0.57	0.188	6.625	400	20.14	HAA	1/1/1953	1889	3	DFM	T	I5	E11		92	26.58	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
7206-01	101.3	205162341	0.73	0.78	0.188	6.625	400	20.14	HAA	1/1/1953	284	3	DFM	T	I9	E11		92	26.58	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
7206-01	101.4	205121271	0.78	0.88	0.188	6.625	400	20.14	HAA	1/1/1953	521	3	DFM	T	I5	E11		92	26.58	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/31/2011
7207-01	101	205163314	0.00	0.00	0.156	4.500	500	20.60	TAPE	1/1/1988	7	3	DFM	T	I1	E16	E09	70	15.19	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/2/2016
7207-01	101.3	205162020	0.00	0.00	0.237	4.500	500	13.56	FBE	12/14/2009	1	1	DFM	TP	I6	E16		70	10.66	Yes	No	No	No	No	Yes	Yes	No	No	Yes	11/29/2017
7207-01	101.5	205162018	0.00	0.63	0.156	4.500	500	20.60	TAPE	1/1/1988	3321	3	DFM	T	I1	E16	E09	70	20.41	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	8/2/2016
7209-01	102.5	205119105	1.05	1.21	0.188	8.625	400	21.85	TAPE	1/1/1997	839	3	DFM	T	I1	E11		120	20.98	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011
7221-10	108.08	205128901	8.35	8.46	0.219	12.750	408	28.28	TAPE	1/1/1969	573	3	DFM	T	I5	E16	E09	179	15.23	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2016
7221-10	108.1	205123847	8.46	8.66	0.219	12.750	408	28.28	TAPE	1/1/1969	1058	3	DFM	T	I5	E16	E09	179	15.23	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2016
7221-10	108.2	205123849	8.66	8.84	0.219	12.750	408	28.28	TAPE	1/1/1969	957	3	DFM	T	I5	E13		179	25.17	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/20/2016
7221-10	108.25	205123850	8.84	9.63	0.219	12.750	408	28.28	TAPE	1/1/1969	4147	3	DFM	T	I5	E16	E09	179	19.68	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2016
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ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HOA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN		
7221-10	119	205074943	14.85	14.95	0.220	8.625	408	22.85	HAA	1/1/1930	505	3	DFM	T	I5	E16	E09	121	20.44	Yes	No	No	Yes	Yes	Yes	No	No	Yes	9/21/2016			
7221-10	119.3	205074944	14.95	14.96	0.219	8.625	408	19.13	TAPE	1/1/1988	55	3	DFM	TP	I5	E16	E09	121	13.54	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/21/2016		
7221-10	119.6	205074945	14.96	14.98	0.220	8.625	408	22.85	HAA	1/1/1930	100	3	DFM	T	I5	E16	E09	121	20.44	Yes	No	No	Yes	Yes	Yes	No	No	Yes	9/21/2016			
7221-10	119.9	205074946	14.98	15.00	0.219	8.625	408	19.13	TAPE	1/1/1988	128	3	DFM	TP	I5	E16	E09	121	13.54	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/21/2016		
7221-10	121	205123865	15.00	15.18	0.220	8.625	408	22.85	HAA	1/1/1930	924	3	DFM	T	I5	E16	E09	121	20.44	Yes	No	No	Yes	Yes	Yes	No	No	Yes	9/21/2016			
7221-10	121.06	205123866	15.18	15.30	0.220	8.625	408	22.85	HAA	1/1/1930	658	3	DFM	T	I9	E14		121	25.77	Yes	No	No	Yes	Yes	Yes	No	No	Yes	8/28/2016			
7221-10	121.1	205153190	15.30	15.31	0.188	8.625	408	22.28	TAPE	12/24/2001	74	3	DFM	T	I9	E14		121	17.92	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/28/2016		
7221-10	122	205123868	15.99	16.13	0.220	8.625	408	-33.32	HAA	1/1/1930	754	3	DFM	T	I5	E16	E09	121	20.60	Yes	No	No	Yes	Yes	Yes	No	No	Yes	9/21/2016			
7221-15	100	205126133	0.00	0.04	0.281	12.750	-408	-22.04	FBE	12/7/2004	455	3	DFM	TI	B1	E17	E10	179	8.45	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2017		
7221-15	101	205126135	0.04	1.31	-0.203	12.750	-408	-36.61		1/1/1956	6709	3	DFM	TI	B5	E17	E10	179	22.95	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/19/2017		
7221-15	102	205075016	1.31	1.44	0.219	12.750	-408	-28.28		1/1/1980	659	3	DFM	TI	I5	E17	E10	178	15.16	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/19/2017		
7221-15	102.3	205075017	1.44	1.51	-0.203	12.750	-408	-36.61		1/1/1956	378	3	DFM	TI	I5	E17	E10	178	23.84	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/19/2017		
7221-15	102.6	205075018	1.51	1.60	0.219	12.750	-408	-28.28	HAA	1/1/1963	454	3	DFM	TI	I5	E14	E07	178	19.53	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2014		
7221-15	102.9	205075019	1.60	1.64	0.219	12.750	-408	-28.28		1/1/1976	256	3	DFM	TI	I5	E14	E07	178	12.93	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2014		
7221-15	104	205122988	1.64	1.69	0.219	12.750	-408	-28.28	HAA	1/1/1963	264	3	DFM	TI	I5	E14	E07	178	14.81	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2014		
7221-15	105.5	205122991	2.24	2.73	0.188	8.625	-408	-22.28		1/1/1974	2623	3	DFM	TI	I5	E17	E10	121	22.24	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/19/2017		
7221-15	106	205122992	2.73	2.86	0.188	8.625	-408	-17.12		1/1/1974	685	3	DFM	TP	I5	E12		93	26.72	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
7221-15	106.3	205122998	3.06	3.52	0.188	8.625	-408	-17.12		1/1/1974	2398	3	DFM	TP	I5	E12		93	26.72	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
7221-15	106.8	205122999	3.52	3.60	-0.156	8.625	-408	-24.75		1/1/1974	439	3	DFM	TI	I5	E17	E10	93	21.91	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/19/2017		
7222-01	133	205147978	0.00	0.00	0.277	8.625	-260	-11.57		1/1/1948	5	3	DFM	TP	I5	E14	E07	97	15.17	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2014		
7222-01	134	205147979	0.00	0.09	0.277	8.625	-260	-11.57		1/1/1948	446	3	DFM	TP	I5	E14	E07	97	15.17	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2014		
7222-01	136	205148779	0.34	0.61	0.277	8.625	-260	-11.57		1/1/1948	1415	3	DFM	TP	I5	E14	E07	97	17.31	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2014		
7222-01	137	205147961	0.61	0.61	0.322	8.625	260	9.95	Protal 7200	12/31/2008	6	3	DFM	TP	I6	E14		97	12.04	Yes	No	No	No	No	Yes	Yes	No	No	Yes	6/24/2016		
7222-01	138	205148747	0.61	0.69	0.281	12.750	260	11.34	FBE	12/31/2008	576	3	DFM	TP	I6	E14		143	6.75	Yes	No	No	No	No	Yes	Yes	No	No	Yes	6/24/2016		
7222-01	139	205148751	0.69	0.71	0.375	12.750	260	12.63	FBE	12/31/2008	132	3	DFM	TP	I6	E14		143	6.75	Yes	No	No	No	No	Yes	Yes	No	No	Yes	6/24/2016		
7222-01	140	205148796	0.71	0.82	0.281	12.750	260	11.34	FBE	12/31/2008	755	3	DFM	TP	I6	E14		143	6.75	Yes	No	No	No	No	Yes	Yes	No	No	Yes	6/24/2016		
7222-01	141	205148798	0.82	0.83	0.281	12.750	260	11.34	FBE	12/31/2008	27	3	DFM	TP	I6	E14		143	6.75	Yes	No	No	No	No	Yes	Yes	No	No	Yes	6/24/2016		
7222-01	142	205148799	0.83	0.87	0.281	12.750	260	11.34	FBE	12/31/2008	286	3	DFM	TP	I6	E14		143	8.93	Yes	No	No	No	No	Yes	Yes	No	No	Yes	6/24/2016		
7222-01	143	205149449	0.87	0.90	0.375	12.750	260	12.63	PC	12/31/2008	216	3	DFM	TP	I6	E14		143	13.30	Yes	No	No	No	No	Yes	Yes	No	No	Yes	6/24/2016		
7222-01	143.7	205149452	0.95	0.97	0.375	12.750	260	12.63	PC	12/31/2008	127	3	DFM	TP	I6	E14		143	13.30	Yes	No	No	No	No	Yes	Yes	No	No	Yes	6/24/2016		
7222-01	144	205148759	0.97	0.99	0.281	12.750	260	11.34	FBE	12/31/2008	191	3	DFM	TP	I6	E14		143	13.30	Yes	No	No	No	No	Yes	Yes	No	No	Yes	6/24/2016		
7222-01	145	205148760	0.99	1.00	0.375	12.750	260	12.63	Protal 7200	12/31/2008	4	3	DFM	TP	I6	E14		143	6.75	Yes	No	No	No	No	Yes	Yes	No	No	Yes	6/24/2016		
7222-01	148	205123754	1.03	1.06	0.277	8.625	-260	-11.57		1/1/1948	167	3	DFM	TP	I5	E14	E07	97	17.31	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2014		
7222-01	149	205074787	1.06	1.07	0.188	8.625	-260	-14.20		1/1/1981	49	3	DFM	TP	I5	E14	E07	97	17.51	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2014		
7222-01	150	205074786	1.07	1.11	0.156	8.625	-260	-13.14		1/1/1981	205	3	DFM	TP	I5	E14	E07	75	17.30	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2014		
7222-01	151	205074788	1.11	1.27	0.188	8.625	-260	-10.91		1/1/1930	851	3	DFM	TP	I5	E14	E07	75	21.37	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	9/21/2014		
7222-01	151.3	205074789	1.27	1.28	0.156	8.625	-260	-13.14		1/1/1989	20	3	DFM	TP	I5	E14	E07	75	16.16	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2014		
7222-01	153	205123755	1.28	1.63	0.188	8.625	-260	-10.91		1/1/1930	1845	3	DFM	TP	I5	E14	E07	75	21.37	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	9/21/2014		
7222-01	153.2	205123759	1.93	2.14	0.188	8.625	-260	-10.91		1/1/1930	1107	3	DFM	TP	I5	E14	E07	75	21.37	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	9/21/2014		
7222-01	155.05	205144130	2.64	2.72	-0.141	8.625	-260	-25.45		1/1/1930	480	3	DFM	TI	I5	E14		75	29.09	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	9/20/2015		
7222-01	155.1	205123766	2.91	3.02	0.188	8.625	-260	-10.91		1/1/1930	636	3	DFM	TP	I5	E14	E07	75	21.37	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	9/21/2014		
7222-01	155.2	205123769	5.87	6.02	0.188	8.625	-260	-10.91		1/1/1930	747	3	DFM	TP	I5	E14	E07	75	21.37	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	9/21/2014		
7222-01	155.25	205123770	6.02	6.08	-0.141	8.625	-260	-25.45		1/1/1930	323	3	DFM	TI	I9	E14		75	29.09	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/28/2016		
7222-01	155.3	205075072	6.08	6.08	-0.156	8.625	-260	-15.77		1/1/1977	15	3	DFM	TP	I9	E14		75	26.46	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	8/28/2016		
7222-01	156	205153534	6.08	6.15	-0.141	8.625	-260	-25.45		1/1/1930	394	3	DFM	TI	I9	E14		75	29.87	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/28/2016		
7222-01	156.3	205123773	6.22	6.30	0.188	8.625	-260	-10.91		1/1/1930	415	3	DFM	TP	I5	E14	E07	75	21.37	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	9/21/2014		
7222-01	157.2	205123776	6.88	6.95	0.188	8.625	-260	-13.63		1/1/1930	394	3	DFM	TP	I5	E14	E07	75	21.37</													

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	FC PLAN	IC PLAN	SCC PLAN		
7223-01	103.065	205163193	6.83	6.89	-0.188	10.750	-260	-21.24		1/1/1954	359	3	DFM	TI	I9	E14		121	29.80	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	8/28/2016		
7223-01	103.07	205144143	6.89	6.92	-0.188	10.750	-260	-21.24		1/1/1954	152	3	DFM	TI	I5	E14		121	29.80	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/20/2015		
7223-01	103.08	205129291	6.92	7.00	-0.188	10.750	-260	-21.24		1/1/1954	388	3	DFM	TI	I5	E17	E10	121	25.11	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/19/2017		
7223-01	103.1	205123805	7.00	7.16	0.250	10.750	-260	-15.97		1/1/1954	854	3	DFM	TP	I5	E14	E07	120	17.52	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2014		
7223-01	103.12	205144144	7.16	7.29	-0.188	10.750	-260	-21.24		1/1/1954	703	3	DFM	TI	I3	E14		121	29.80	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	10/27/2017		
7223-01	103.16	205144146	7.29	7.45	-0.188	10.750	-260	-21.24		1/1/1954	829	3	DFM	TI	I5	E14		121	29.80	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/20/2015		
7223-01	103.19	205163264	7.59	7.73	-0.188	10.750	-260	-21.24		1/1/1954	748	3	DFM	TI	I3	E14		121	30.60	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	10/27/2017		
7223-01	103.2	205123808	8.22	8.91	0.250	10.750	-260	-15.97		1/1/1954	3638	3	DFM	TP	I5	E14	E07	120	17.52	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2014		
7223-01	103.3	205082726	8.91	8.91	0.250	10.750	-260	-13.31		1/1/1980	28	3	DFM	TP	I5	E14	E07	120	13.68	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2014		
7223-01	104	205123809	8.91	8.99	0.250	10.750	-260	-15.97		1/1/1954	431	3	DFM	TP	B5	E14	E07	120	17.52	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2014		
7223-01	106	205123813	9.20	9.78	0.250	10.750	-260	-15.97		1/1/1954	3088	3	DFM	TP	I5	E14	E07	121	17.52	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2014		
7224-01	128	205123839	1.56	1.84	0.281	12.750	-260	-14.04		1/1/1991	1480	3	DFM	TP	I5	E12		142	12.34	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
7224-01	128.15	205129278	1.90	2.02	-0.203	12.750	-260	-23.33		1/1/1991	644	3	DFM	TP	I5	E17	E10	142	17.81	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/19/2017		
7224-01	128.3	205074936	2.41	2.46	0.219	12.750	-260	-18.02		1/1/1979	268	3	DFM	TP	I5	E12		142	19.93	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
7224-01	128.6	205074935	2.46	2.49	0.250	12.750	-260	-15.79		1/1/1984	157	3	DFM	TP	I5	E12		142	14.22	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
7224-01	128.9	205074934	2.49	2.53	0.188	12.750	-260	-20.99		1/1/1992	183	3	DFM	TI	I5	E17	E10	142	13.59	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/19/2017		
7224-01	130	205074933	2.53	3.63	0.281	12.750	-260	-14.04		1/1/1992	5782	3	DFM	TP	B5	E12		143	7.31	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
7224-01	131	205074932	3.63	3.75	0.188	8.625	-260	-14.20		1/1/1991	654	3	DFM	TP	I5	E12		97	15.90	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
7224-01	131.3	205074931	3.75	3.79	0.188	8.625	-260	-14.20		1/1/1970	181	3	DFM	TP	I5	E12		96	19.79	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
7224-01	133	205148917	3.79	4.34	0.188	8.625	-260	-14.20		1/1/1992	2893	3	DFM	TP	I5	E12		97	14.77	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
7224-01	133.5	205148918	4.34	4.35	0.188	8.625	-260	-14.20		1/1/1992	49	3	DFM	TP	I5	E12		97	14.77	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
7224-01	134	205074929	4.35	4.75	0.188	8.625	-260	-14.20		1/1/1991	2125	3	DFM	TP	I5	E12		97	15.90	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
7224-01	134.3	205074928	4.75	4.77	0.188	8.625	-260	-14.20		1/1/1990	140	3	DFM	TP	B5	E12		97	17.22	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
7224-01	136	205074951	4.77	4.92	0.188	8.625	-260	-14.20		1/1/1990	770	3	DFM	TP	B5	E12		97	17.22	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
7224-01	137	205074950	4.92	5.35	0.188	8.625	-260	-14.20		1/1/1990	2253	3	DFM	TP	B5	E12		97	17.22	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
7224-01	138	205123841	5.35	5.63	-0.172	8.625	-260	-18.63		1/1/1991	1604	3	DFM	TP	B5	E12		97	22.54	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
7224-01	138.3	205128677	5.63	5.79	-0.172	8.625	-260	-18.63		1/1/1991	857	3	DFM	TP	I5	E12		97	22.54	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
7224-01	138.9	205123844	6.01	6.02	-0.172	8.625	-260	-18.63		1/1/1991	62	3	DFM	TP	I5	E12		97	22.54	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
7224-01	139	205160287	6.02	6.02	-0.172	8.625	-260	-18.63		1/1/1981	17	3	DFM	TP	I5	E12		97	23.79	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
7224-01	140	205160288	6.02	6.02	-0.172	8.625	-260	-18.63		1/1/1981	9	3	DFM	TP	I5	E12		97	23.79	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
7224-06	100.3	205074921	0.00	0.02	0.172	8.625	-260	-15.52		1/1/1974	125	3	DFM	TP	I5	E12		96	22.77	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
7224-07	101	205074923	0.00	0.91	0.188	8.625	-260	-14.20	HAA	1/1/1965	4807	3	DFM	TP	I5	E14	E07	96	16.77	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2014		
7224-07	102	205075101	0.91	1.14	0.188	8.625	-260	-14.20	HAA	1/1/1967	1218	3	DFM	TP	I5	E14	E07	97	19.35	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2014		
7224-07	103	205075102	1.14	1.61	0.188	10.750	-260	-17.70	HAA	1/1/1968	2480	3	DFM	TP	I5	E14	E07	121	18.48	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2014		
7224-07	104	205122974	1.61	1.70	0.188	10.750	260	17.70	HAA	1/1/1975	446	3	DFM	TP	I5	E14	E07	120	16.60	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2014		
7224-07	104.5	205122977	1.76	1.87	0.188	10.750	260	17.70	HAA	1/1/1975	573	3	DFM	TP	I5	E14	E07	120	16.56	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2014		
7224-07	105	205075112	1.87	1.98	0.279	10.750	260	11.93	HAA	1/1/1979	603	3	DFM	TP	B5	E14	E07	120	12.19	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2014		
7224-07	106	205075113	1.98	2.37	0.279	10.750	260	14.31	XTRUPL	1/1/1979	2027	3	DFM	TP	B5	E14	E07	120	13.36	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2014		
7224-09	102	205144930	0.51	0.69	-0.156	6.625	-260	-15.77		1/1/1949	977	3	DFM	TP	I5	E14		75	28.65	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/20/2015		
7224-09	104	205144934	0.91	1.01	-0.156	6.625	-260	-15.77		1/1/1949	513	3	DFM	TP	I5	E14		75	28.65	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/20/2015		
7224-09	105.3	205162903	1.17	1.31	-0.156	6.625	-260	-15.77		1/1/1949	778	3	DFM	TP	I9	E12		75	28.65	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
7224-12	100.3	205075116	0.00	0.04	0.188	8.625	-260	-14.20	HAA	1/1/1969	225	3	DFM	TP	I5	E14	E07	96	19.35	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2014		
7224-12	100.6	205075117	0.04	0.06	0.322	8.625	-260	-9.95	HAA	1/1/1975	115	3	DFM	TP	I5	E14	E07	96	15.73	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2014		
7224-12	102	205122982	0.06	0.09	0.188	8.625	-260	-14.20	HAA	1/1/1969	157	3	DFM	TP	I5	E14	E07	96	19.30	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2014		
7224-12	104	205164113	0.59	0.67	-0.188	10.750	-260	-21.24		1/1/1969	422	3	DFM	TI	I3	E12		121	31.08	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
7225-01	100	205132926	0.00	0.04	0.219	8.625	408	19.13	XTRUPL	1/1/1973	225	3	DFM	TP	I5	E14	E07	121	15.57	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2014		
7225-01	101.5	205144941	0.19	1.15	0.219	12.750	-260	-18.02	XTRUPL	1/1/1973	5205	3	DFM	TP	I5	E14	E07	143	15.34													



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN		
7226-02	102.5	205143739	1.84	2.25	-0.188	10.750	-408	-33.33		1/1/1967	2136	3	DFM	TI	I5	E14		151	33.41	Yes	No	No	Yes	No	Yes	No	No	Yes	9/20/2015			
7227-01	101.02	205123887	0.02	0.24	0.188	8.625	-408	-22.28		1/1/1988	1183	3	DFM	TI	I5	E17	E10	121	16.81	Yes	No	No	Yes	No	Yes	No	No	Yes	12/19/2017			
7227-01	101.15	205143742	1.53	1.60	-0.172	8.625	-408	-29.23		1/1/1988	362	3	DFM	TI	I5	E17	E10	121	20.97	Yes	No	No	Yes	No	Yes	No	No	Yes	12/19/2017			
7227-01	101.2	205123891	1.60	1.78	0.188	8.625	-408	-22.28		1/1/1988	950	3	DFM	TI	I5	E17	E10	121	16.81	Yes	No	No	Yes	No	Yes	No	No	Yes	12/19/2017			
7227-01	101.4	205122956	2.30	2.61	0.188	8.625	-408	-22.28		1/1/1988	1641	3	DFM	TI	I5	E17	E10	121	16.81	Yes	No	No	Yes	No	Yes	No	No	Yes	12/19/2017			
7227-01	102.2	205122960	3.10	3.19	0.156	6.625	-408	-20.63		1/1/1986	488	3	DFM	TI	I5	E17	E10	93	16.56	Yes	No	No	Yes	No	Yes	No	No	Yes	12/19/2017			
7227-01	103.5	205122963	3.34	3.38	0.156	6.625	-408	-20.63		1/1/1985	210	3	DFM	TI	A5	E17	E10	93	16.56	Yes	No	No	Yes	No	Yes	No	No	Yes	12/19/2017			
7227-01	104	205075109	3.38	3.66	0.188	8.625	-408	-22.28		1/1/1988	1481	3	DFM	TI	A5	E17	E10	121	16.81	Yes	No	No	Yes	No	Yes	No	No	Yes	12/19/2017			
7227-01	105	205122964	3.66	3.70	-0.172	8.625	-408	-29.23		1/1/1994	215	3	DFM	TI	A5	E17	E10	121	20.96	Yes	No	No	Yes	No	Yes	No	No	Yes	12/19/2017			
7227-01	105.6	205134916	4.03	4.62	-0.156	6.625	-408	-24.75		1/1/1979	3155	3	DFM	TI	I6	E17	E10	93	21.91	Yes	No	No	Yes	No	Yes	No	No	Yes	12/19/2017			
7227-05	100.3	205075106	0.00	0.01	-0.172	8.625	-408	-29.23		1/1/1994	27	3	DFM	TI	A5	E17	E10	121	20.96	Yes	No	No	Yes	No	Yes	No	No	Yes	12/19/2017			
7227-05	102	205122966	0.01	0.05	0.375	12.750	-408	-19.82		1/1/1994	227	3	DFM	TP	A5	E12		178	10.56	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
7227-05	104	205122970	0.34	0.59	0.281	12.750	-408	-22.04		1/1/1992	1306	3	DFM	TI	I15	E17	E10	178	9.34	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/19/2017		
7227-05	105	205122972	0.59	0.98	0.281	12.750	-408	-22.04		1/1/1992	2094	3	DFM	TI	I5	E17	E10	178	9.34	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/19/2017		
8805-03	301	205152061	0.00	0.00	0.250	16.000	400	30.48	HAA	7/18/1968	21	3	DFM	T	I5	E16	E09	222	19.09	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
8805-03	301.2	205152062	0.00	0.09	0.250	16.000	400	30.48	HAA	7/18/1968	452	3	DFM	T	I5	E16	E09	222	19.09	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
8805-03	301.4	205114681	0.09	0.36	-0.219	16.000	400	-34.79	HAA	7/18/1968	1405	3	DFM	T	I5	E16	E09	222	23.69	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
8805-03	301.8	205129213	0.36	0.53	0.281	16.000	400	27.11	HAA	7/18/1968	873	3	DFM	T	I5	E16	E09	222	17.63	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
8805-03	301.9	205124267	0.53	0.53	-0.219	10.750	400	-28.05	HAA	7/18/1968	3	3	DFM	T	I5	E16	E09	149	24.84	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
8805-03	302	205154395	0.53	0.53	0.365	10.750	400	16.83	TAPE	10/30/2004	2	3	DFM	TP	I5	E16	E09	149	12.37	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
8805-03	302.5	205154396	0.53	0.53	0.365	10.750	400	16.83	TAPE	10/30/2004	4	3	DFM	TP	I5	E16	E09	149	12.37	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
8805-03	303	205124270	0.53	0.54	-0.219	10.750	400	-28.05	HAA	7/18/1968	63	3	DFM	T	I5	E16	E09	149	24.84	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
BD10064	101	205143898	0.00	0.02	-0.250	-12.750	-620	-37.64			106	-3	BD	TI	I3	S14	S08	220	30.41	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/14/2014		
BD10065	101	205143899	0.00	0.02	-0.250	-12.750	-620	-37.64			93	-3	BD	TI	I3	S14	S08	220	30.41	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/14/2014		
BD10206		205162197	0.00	0.00	-0.156	6.625	-338	-20.51			91	-3	BD	TI	I5	E11		85	35.22	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/31/2011		
BD10207		205162198	0.00	0.00	-0.141	4.500	-338	-15.41			19	-3	BD	TP	I5	E11		58	34.27	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/31/2011		
BD10294	100	205161156	0.00	0.00	-0.250	-12.750	-300	-31.88			5	-3	BD	TI	I3	E12		153	35.25	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/17/2012		
BD10632	100	205162412	0.00	0.00	-0.313	-24.000	-408	-26.11			0		BD	TI	I6	E12		335	26.88	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/17/2012		
BD10633	100	205162413	0.00	0.00	-0.313	-24.000	-408	-26.11			0		BD	TI	I6	E12		335	26.88	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/17/2012		
BD23	130	205079991	0.00	0.00	-0.156	4.500	-450	-30.91			15	3	BD	TI	I5	E12		67	33.70	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/17/2012		
BD23	140	205079990	0.00	0.00	-0.156	4.500	-450	-30.91			42	3	BD	TI	I5	E12		67	33.70	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/17/2012		
BD25	701	205077483	59.75	59.75	-0.188	6.625	720	-37.76			7	3	BD	TI	I5	E12		124	38.80	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/17/2012		
BD25	702	205077484	59.75	59.75	0.280	6.625	720	24.34	TAPE	2/25/2000	2	3	BD	T	I5	E12		124	16.65	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
BD25	703	205077485	59.75	59.75	-0.188	6.625	720	-37.76			5	3	BD	TI	I5	E12		124	38.80	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/17/2012		
BD25	704	205077482	59.75	59.75	-0.188	6.625	720	-37.76			4	3	BD	TI	I5	E12		124	38.80	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/17/2012		
BD266	604	205100032	57.45	57.45	0.325	12.750	-590	-41.33			9	3	BD	TI	I3	E12		215	43.09	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/17/2012		
BD267	602	205100028	502.12	502.12	0.325	6.625	-590	-21.48			5	3	BD	TI	I3	E12		112	40.63	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/17/2012		
BD267	603	205100091	0.00	0.01	0.325	12.750	-590	-41.33			32	3	BD	TI	I3	E12		215	43.09	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/17/2012		
BD268	202	205162935	12.12	12.12	-0.141	4.500	400	-26.60		1/1/1976	5	3	BD	TI	I3	E12		63	26.74	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
BD268	203	205162936	12.12	12.12	-0.141	4.500	400	-26.60		1/1/1976	63	3	BD	TI	I3	E12		63	26.74	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
BD268	301	205162933	12.00	12.06	-0.141	4.500	400	-26.60		1/1/1976	5	3	BD	TI	I3	E12		63	26.74	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
BD268	301	205162934	12.06	12.12	-0.141	4.500	400	-26.60		1/1/1976	4	3	BD	TI	I3	E12		63	26.74	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
BD27	200	205074055	10.84	10.84	-0.141	4.500	-450	-49.87			30	-3	BD	TI	I6	E13		67	43.53	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	6/24/2017		
BD27	201	205074056	10.84	10.84	-0.141	4.500	-450	-49.87			10	-3	BD	TI	I6	E13		67	43.53	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	6/24/2017		
BD272	132	205163334	8.54	8.54	-0.156	6.625	400	-24.27		1/1/1968	6	-3	BD	TI	I3	E12		92	30.63	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
BD272	133	205163335	8.54	8.54	-0.156	6.625	400	-24.27		1/1/1968	6	-3	BD	TI	I3	E12		92	30.63	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
BD281	601	205102066	0.00	0.00	-0.141	-2.375	-400	-22.46			6	3	BD	TI	I9	E11		34	46.02	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/31/2011		
BD282	601	205102067	0.00	0.00	-0.141	-2.375	-400	-22.46			6	3	BD	TI	I9	E11		34	46.02	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No				

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN		
BD549	261.1	205091111	0.00	0.00	-0.203	12.750	766	-68.73	HAA	1/1/1950	18	2	BD	TI	I3	E11		244	25.91	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	12/31/2011		
BD602	463	205086749	0.00	0.02	-0.500	12.750	839	-30.56		1/1/1950	111	1	BD	TI	I3	E11		256	14.04	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
BD602	464	205138271	0.02	0.02	0.500	12.750	839	30.56	DEV-TAR 24	5/22/2005	1	1	BD	T	I3	E11		256	3.46	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
BD616	422.5	205099725	0.00	0.00	-0.250	12.750	597	-45.31			2	3	BD	TI	I3	E12		216	30.19	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/17/2012			
BD67	100	205148903	0.00	0.00	-0.172	-8.625	-400	29.85		1/1/1992	7	3	BD	TI	I3	E12		120	26.97	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/17/2012			
BD67	101	205148901	0.00	0.00	-0.172	-8.625	-400	39.80		1/1/1992	2	3	BD	TI	I3	E12		120	28.78	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
BD67	102	205148902	0.00	0.00	-0.172	-8.625	-400	39.80		1/1/1992	3	3	BD	TI	I3	E12		120	28.78	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
BD67	103	205148904	0.00	0.00	-0.172	-8.625	-400	29.85		1/1/1992	19	3	BD	TI	I3	E12		120	26.97	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
BD686	201	205096679	9.96	9.96	0.237	6.625	600	23.96		1/1/1962	43	3	BD	T	I3	E12		113	28.09	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
BD686	226	205090915	20.72	20.72	-0.156	-4.500	600	-41.21			39	3	BD	TI	I3	E12		77	32.67	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/17/2012		
BD686	326	205090916	20.72	20.72	-0.156	-4.500	600	-41.21			9	3	BD	TI	I3	E12		77	32.67	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/17/2012		
BD686	426	205090917	20.72	20.72	-0.156	-4.500	600	-41.21			9	3	BD	TI	I3	E12		77	32.67	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/17/2012		
BD73	501	205098962	0.00	0.00	-0.312	-36.000	-375	85.85			4	3	BD	TI	I3	E12		482	53.86	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/17/2012		
BD74	601	205102597	12.06	12.06	-0.172	8.625	375	-27.98			7	3	BD	TI	I3	E12		116	40.48	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/17/2012		
BD74	602	205102598	12.06	12.06	-0.172	8.625	375	-27.98			35	3	BD	TI	I3	E12		116	40.48	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/17/2012		
BD75	601	205102974	14.23	14.23	0.322	8.625	-375	-14.35		11/5/1986	20	3	BD	TI	I9	E11		116	20.57	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
BD75	602	205102975	14.23	14.23	0.322	8.625	-375	-14.35		11/5/1986	6	3	BD	TI	I9	E11		116	20.57	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
BD78	601	205102530	0.00	0.00	-0.219	6.625	-375	-20.26		1/1/1989	15	3	BD	TI	I9	E11		90	25.87	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
BD79	601	205154377	21.54	21.54	-0.219	8.625	-375	-26.37		1/1/1987	3	3	BD	TI	I9	E11		116	26.23	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
BD79	602	205154378	21.54	21.54	-0.219	8.625	-375	-26.37		1/1/1987	12	3	BD	TI	I9	E11		116	26.23	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
BD80	101	205102681	22.79	22.79	-0.172	8.625	-375	-33.58		1/1/1986	45	3	BD	TI	I9	E11		116	28.04	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
BD80	102	205102682	22.79	22.79	-0.172	8.625	-375	-33.58		1/1/1986	6	3	BD	TI	I9	E11		116	28.04	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
BD8025	601	205126341	0.00	0.00	-0.172	8.625	-800	-47.76		1/1/1994	9	-3	BD	TI	I6	E12		169	30.27	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
BD8025	602	205126340	0.00	0.01	-0.172	8.625	-800	-47.76		1/1/1994	43	-3	BD	TI	I6	E12		169	30.27	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
BD81	601	205102495	0.00	0.00	-0.172	8.625	-375	-27.98			85	3	BD	TI	I9	E11		116	35.80	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/31/2011		
BD83	602	205102130	0.00	0.00	-0.172	8.625	-375	-27.98			15	3	BD	TI	I9	E11		116	43.78	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/31/2011		
BD8547	100	205073946	16.66	16.66	-0.141	6.625	-450	-55.06			13	-3	BD	TI	I6	E13		98	41.73	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	6/24/2017		
BD8547	101	205073942	16.66	16.66	-0.141	6.625	-450	-55.06			18	-3	BD	TI	I6	E13		98	41.73	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	6/24/2017		
BD8746	101	205133731	0.00	0.00	-0.203	-6.625	-300	-34.00		1/1/1989	2	3	BD	TI	I3	E12		80	30.65	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
BD8772	601	205134668	0.00	0.00	0.500	12.750	839	30.56	HAA	1/1/1950	15	1	BD	T	I3	E11		256	27.91	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
BD8772	601.1	205134672	354.02	354.02	0.500	12.750	839	30.56	TAPE	2/15/2007	5	3	BD	T	I3	E11		256	15.18	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
BD8772	601.2	205134671	0.00	0.02	0.500	12.750	839	30.56	HAA	1/1/1950	100	1	BD	T	I3	E11		256	27.91	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
BD9302	171.2	205078918	77.34	77.34	-0.141	6.625	500	-61.18			5	3	BD	TI	I6	E12		103	41.90	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/17/2012		
BD9302	171.3	205078919	77.34	77.34	-0.141	6.625	500	-61.18			5	3	BD	TI	I6	E12		103	41.90	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/17/2012		
BD9444	601	205093057	5.43	5.43	-0.172	8.625	-338	-24.21			31	-3	BD	TI	I5	E12		110	34.74	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/17/2012		
BD9445	602	205093056	5.43	5.43	-0.172	8.625	-338	-24.21			20	-3	BD	TI	I5	E12		110	34.74	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/17/2012		
BD9448	601	205093049	15.78	15.78	-0.156	6.625	-338	-20.51			65	-3	BD	TI	B5	E12		85	35.95	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/17/2012		
BD9449	602	205093048	15.78	15.78	-0.156	6.625	-338	-20.51			20	-3	BD	TI	B5	E12		85	35.95	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/17/2012		
BD9508	601	205136440	193.30	193.30	-0.156	6.625	380	-23.05		1/1/1986	2	-3	BD	TI	I5	E12		90	26.82	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012	4/17/2014	
BD9508	602	205136442	193.30	193.30	-0.156	6.625	380	-23.05		1/1/1986	6	-3	BD	TI	I5	E12		90	26.82	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012	4/17/2014	
BD9508	603	205136443	193.30	193.30	-0.156	6.625	380	-23.05		1/1/1986	3	-3	BD	TI	I5	E12		90	26.82	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012	4/17/2014	
BD9508	604	205085765	193.30	193.30	-0.156	6.625	380	-23.05		1/1/1986	17	-3	BD	TI	I5	E12		90	26.82	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012	4/17/2014	
BD9512	601	205092233	183.03	183.03	-0.172	8.625	405	-29.01	FBE	1/1/1988	136	3	BD	TI	I5	E12		121	24.38	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
BD9513	601	205092232	183.03	183.03	-0.172	8.625	405	-29.01	FBE	1/1/1988	10	3	BD	TI	I5	E12		121	24.38	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012	4/17/2014	
BD9958	100	205148818	0.00	0.00	-0.156	4.500	-412	-28.30			5	-3	BD	TI	I9	E12		64	25.99	Yes	No	No	Yes	Yes	Yes	No	No	Yes	12/17/2012	4/17/2014		
CUST1000	100	205153176	0.00	0.00	0.154	2.375	400	8.81		3/30/2009	3	3	SERV	TC	I6	E11		34	14.61	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011		
CUST1000	101	205153177	0.00	0.01	0.154	2.375	400	8.81		3/30/2009	70	3	SERV	TC	I6	E11		34	14.61	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011		
CUST1000	101	205154451	0.00	0.00	-0.156	6.625	412	-25.00	TAPE	1/1/1984	1	3	SERV	T	I1	E14	E07	94	17.69	Yes	No	No	No	No	Yes	Yes	No	No	Yes	8/23/2014		
C																																

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EO PLAN	IC PLAN	SCC PLAN		
UCUST251	101	205146629	0.00	0.00	-0.113	1.660	631	-32.19		10/4/1960	50	1	SERV	TI	I8	E11		30	26.50	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011			
UCUST282	101	205150291	0.00	0.00	-0.141	3.500	-408	-35.17		1/1/1930	3	3	SERV	TI	I5	E14	E07	50	22.61	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	9/21/2014		
UCUST282	101.1	205150292	0.00	0.16	-0.141	3.500	-408	-35.17		1/1/1930	852	3	SERV	TI	I5	E14	E07	50	22.61	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	9/21/2014		
UCUST282	101.3	205074231	0.16	0.18	0.188	3.500	-408	-18.09	HAA	1/1/1967	112	3	SERV	TC	I5	E14	E07	49	13.44	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2014		
UCUST282	101.6	205074232	0.18	0.20	-0.141	3.500	-408	-33.76		1/1/1963	80	3	SERV	TI	I5	E14	E07	49	23.63	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2014		
UCUST282	103	205074233	0.20	0.30	-0.141	3.500	-408	-35.17		1/1/1930	511	3	SERV	TI	I5	E14	E07	49	22.61	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	9/21/2014		
UCUST282	104	205074234	0.30	0.43	-0.141	3.500	-408	-33.76		1/1/1958	731	3	SERV	TI	I5	E14	E07	49	22.61	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2014		
UCUST282	104.3	205074235	0.43	0.52	-0.141	3.500	-408	-35.17		1/1/1947	450	3	SERV	TI	I5	E14	E07	49	25.52	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/21/2014		
UCUST688	901	205109839	0.00	0.00	0.113	2.375	-412	-20.62	TAPE	1/1/1994	80	3	SERV	TI	I5	E16	E09	34	17.28	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
UCUST688	901	205109840	0.00	0.02	0.113	2.375	-412	-20.62	TAPE	10/14/1993	80	3	SERV	TI	I5	E16	E09	34	17.28	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
UCUST768	101	205162106	0.00	0.01	-0.141	2.375	-450	-25.27		1/1/1966	74	3	SERV	TI	I5	E13	E06	36	27.36	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/30/2013		
UCUST778	901	205123611	0.00	0.12	0.237	4.500	-260	-7.05	TAPE	8/16/2004	649	3	SERV	TC	I1	E12		51	14.15	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
UCUST791	901.89	205129447	0.05	0.05	0.140	1.660	-800	-13.55		1/1/1990	32	3	SERV	TI	I8	E15	E10	33	19.72	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
UCUST791	902	205125017	0.05	0.06	0.140	1.660	-800	-13.55		1/1/1990	15	3	SERV	TI	I8	E15	E10	33	18.95	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
UCUST791	903	205125019	0.06	0.06	-0.154	2.375	275	-6.06			35	3	SERV	TI	I8	E15	E10	28	23.97	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/19/2015		
UCUST791	904	205129444	0.06	0.21	0.140	1.660	275	4.66		1/1/1985	752	3	SERV	TI	I8	E15	E10	20	18.81	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
UCUST818	200	205128082	0.00	0.00	-0.113	1.050	720	-22.30			10	-3	SERV	TI	I8	E16	E09	20	22.65	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/3/2014		
UCUST823	100	205128080	0.00	0.26	0.188	8.625	720	39.32	FBE	6/4/2005	1366	3	SERV	T	I8	E16	E09	161	17.57	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
UCUST824	551	205151290	0.00	0.00	0.113	1.660	-375	-13.12		1/1/1962	3	3	SERV	TP	I5	E12		23	26.39	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
UCUST824	552	205160754	0.00	0.00	0.113	1.660	-400	-13.99		1/1/1962	3	3	SERV	TP	I5	E12		24	26.40	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
UCUST835	901	205130855	0.00	0.07	0.156	3.500	792	25.38		1/1/1984	394	3	SERV	T	B8	E15	E10	69	13.41	Yes	No	No	No	No	Yes	Yes	No	No	Yes	5/18/2015		
UCUST852	902	205132596	0.00	0.00	0.113	1.050	246	3.27			21	3	SERV	TI	I9	E17	E10	12	33.94	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	2/15/2017		
UCUST859	100	205132248	0.00	0.00	-0.141	2.375	-500	-28.07		1/1/2001	80	-3	SERV	TI	I9	E12		38	20.88	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
UCUST981	101	205132246	0.00	0.00	0.216	3.500	792	18.33			8	-3	SERV	T	I9	E12		69	22.92	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/17/2012		
UCUST981	102	205095847	0.00	0.25	0.156	3.500	792	25.38	TAPE	1/1/1995	1334	-3	SERV	T	I1	E12		69	17.48	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
DF3217	701	205102688	0.00	0.00	0.156	4.500	-375	-12.88	TAPE	1/1/1982	45	3	DFM	TP	I5	E11	E06	61	16.04	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/3/2011		
DF3220	101	205160487	0.00	0.00	0.280	6.625	610	20.62		1/1/1967	5	3	SERV	TI	I2	E17	E10	114	22.74	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/15/2017		
DF3220	102	205160488	0.00	0.00	0.280	6.625	610	20.62		1/1/1967	5	3	SERV	TI	I2	E17	E10	114	22.74	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/15/2017		
DF3223	100	205073971	0.00	0.01	-0.141	4.500	-450	-20.52		1/1/1961	58	3	SERV	TI	I1	E13	E06	66	25.03	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	3/3/2013		
DF3226	100	205096125	19.93	19.93	-0.141	4.500	-450	-49.87			5	3	SERV	TI	I1	E13	E06	66	31.56	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	3/3/2013		
DF3233	100.3	205098176	0.00	0.02	-0.141	8.625	175	-27.88			107	3	DFM	TI	A1	E13	E06	79	28.86	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	3/3/2013		
DF3244	700	205134436	0.00	0.00	0.219	12.750	-365	-25.30		1/1/1972	8	3	DFM	TI	I5	E11		169	24.81	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
DF3249	401	205102608	12.06	12.06	0.237	4.500	375	10.17	TAPE	1/1/1987	20	3	SERV	TC	I5	E11	E06	61	22.76	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/3/2011		
DF3250	701	205102984	0.00	0.00	0.332	8.625	-375	-13.92		11/5/1986	16	3	SERV	TP	I5	E11	E06	116	16.76	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/3/2011		
DF3254	701	205154369	3.56	3.56	0.313	24.000	-375	-24.00		1/1/1987	5	3	LT	T	I5	E11	E06	322	10.03	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/3/2011		
DF3254	702	205154370	3.56	3.56	0.313	24.000	-400	-25.60		1/1/1987	5	3	LT	T	I5	E11	E06	332	10.08	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/3/2011		
DF3255	100.3	205102685	0.00	0.00	0.500	8.625	-375	-9.24		1/1/1986	18	3	DFM	TP	I5	E11	E06	116	15.89	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/3/2011		
DF3259	701	205102213	0.00	0.02	0.280	6.625	-375	-12.68		1/1/1986	81	3	DFM	TP	I5	E11	E06	90	15.66	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/3/2011		
DF3267	201	205102073	0.00	0.00	0.312	24.000	-145	-11.62		1/1/1989	7	3	LT	TP	I5	E15	E08	200	13.70	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/5/2015		
DF3291	301	205101728	0.00	0.00	0.322	8.625	-150	-5.74	TAPE	1/1/1988	4	3	SERV	TP	I1	E13	E07	73	13.82	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013		
DF3291	302	205101724	0.00	0.00	0.322	8.625	-150	-5.74	TAPE	1/1/1988	28	3	SERV	TP	I1	E13	E07	73	13.82	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013		
DF3294	100.3	205136366	0.00	0.00	0.322	8.625	-246	-9.41	TAPE	1/1/1990	4	3	DFM	T	I1	E13	E07	94	10.99	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	2/17/2013		
DF3294	101.3	205136367	0.00	0.00	0.322	8.625	-246	-9.41	TAPE	1/1/1990	5	3	DFM	T	I1	E13	E07	94	10.99	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	2/17/2013		
DF3300	301	205148941	0.00	0.00	-0.172	8.625	408	-29.23		1/1/1989	7	3	DFM	T	I5	E16	E09	121	18.69	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
DF3300	302	205148942	0.00	0.00	-0.172	8.625	408	-29.23		1/1/1989	27	3	DFM	T	I5	E16	E09	121	18.69	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
DF3304	100.3	205073318	0.00	0.00	-0.203	12.750	-412	-36.97		1/1/1990	20	3	DFM	T	A5	E16	E09	180	16.89	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
DF3318	102	205153210	0.00	0.00	0.375	16.000	375	-23.81		1/1/1994	2	3	LT	T	B5	E14	E07	215	14.05	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	9/29/2014		
DF3318	103	205153211	0.00	0.00	0.375	16.000	400	-25.40		1/1/1994	10	3	LT	T	B5																	

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN		
DF3410	562	205078925	0.25	0.25	0.250	12.750	720	43.71	HAA	1/1/1957	12	3	LT	T	I1	E12	E07	237	14.33	Yes	No	No	Yes	No	Yes	Yes	No	Yes	1/27/2012			
DF3421	301	205083932	0.00	0.00	-0.141	6.625	313	-38.30			8	3	SERV	TI	I5	E13	E07	81	29.19	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	11/30/2013			
DF3423	201	205083999	0.00	0.00	0.188	8.625	313	-17.09	HAA	1/1/1962	10	3	DFM	TP	I5	E13	E07	106	18.33	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/30/2013		
DF3426	432.3	205128705	8.50	8.60	0.281	12.750	303	16.37		1/1/1995	849	3	DFM	TP	I7	E17	E10	154	5.91	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/27/2017		
DF3426	433	205128708	8.60	8.61	0.219	12.750	303	21.00		1/1/1975	81	3	DFM	T	I7	E17	E10	154	11.89	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/27/2017		
DF3426	433.7	205128699	8.67	8.70	0.219	12.750	303	21.00		1/1/1975	252	3	DFM	T	I7	E17	E10	154	11.89	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/27/2017		
DF3426	434	205128702	8.70	8.77	0.250	16.000	303	27.70		1/1/1969	415	3	DFM	T	I7	E17	E10	193	9.81	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	4/27/2017		
DF3426	434.5	205119826	8.89	9.02	0.250	16.000	303	27.70		1/1/1969	832	3	DFM	T	I1	E13	E06	193	9.81	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2013		
DF3426	435	205119829	9.02	9.20	0.281	12.750	303	16.37		1/1/1995	1048	3	DFM	TP	I1	E13	E06	154	11.14	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2013		
DF3426	436	205119828	9.44	9.59	0.281	12.750	303	16.37		1/1/1995	831	3	DFM	TP	I1	E13	E06	154	11.14	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2013		
DF3429	401	205081952	0.00	0.01	-0.188	10.750	303	-28.88		1/1/1947	22	3	DFM	TI	B1	E13	E06	130	24.15	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2013		
DF3429	402	205081953	0.00	0.01	-0.141	4.500	303	-20.15			4	3	DFM	TP	B1	E13	E06	55	27.44	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	11/7/2013		
DF3429	403	205081954	0.01	0.01	-0.188	10.750	303	-28.88		1/1/1947	29	3	DFM	TI	B1	E13	E06	130	24.15	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2013		
DF3430	309	205098910	0.07	0.08	-0.172	8.625	303	-21.71		1/1/1963	10	3	SERV	TI	I7	E17	E10	105	25.39	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	4/27/2017		
DF3430	310	205098902	0.08	0.09	-0.141	3.500	303	-26.12			40	3	SERV	TI	I7	E17	E10	43	28.16	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	4/27/2017		
DF3432	109.9	205081721	0.00	0.00	0.237	4.500	303	8.22	TAPE	1/1/1997	25	3	LT	T	A1	E13	E06	55	14.95	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2013		
DF3434	253	205082390	0.00	0.00	-0.141	3.500	313	-25.90			7	2	BD	TI	I5	E13		44	29.49	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	8/22/2016		
DF3444	301	205082426	0.00	0.00	-0.141	-4.500	313	-34.69			8	2	SERV	TI	I5	E13		56	31.44	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	8/22/2016		
DF3456	101	205154567	0.00	0.00	0.280	6.625	500	16.90		1/1/1989	2	3	SERV	TI	I9	E15	E10	103	9.08	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	5/18/2015		
DF3456	102	205154570	0.00	0.00	0.154	2.375	500	11.02		1/1/1989	3	3	SERV	TI	I9	E15	E10	38	12.95	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	5/18/2015		
DF3475	111	205100273	0.00	0.00	0.375	12.750	631	30.65	WAX	1/1/2001	15	3	DFM	TI	I5	S11		222	9.68	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
DF3475	112	205100274	0.00	0.00	0.375	12.750	631	30.65	TAPE	1/1/1981	9	3	DFM	T	I5	S11		222	21.88	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
DF3476	121	205100292	0.00	0.03	0.505	34.000	631	35.40	FBE	1/1/2001	168	3	BB	T	I5	E16	E09	590	12.54	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/9/2014		
DF3500	100.3	205077177	0.00	0.00	0.188	6.625	-600	-25.17	HAA	1/1/1962	25	3	SERV	T	I5	E14	E07	112	28.68	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	2/19/2014		
DF3524	100	205093112	0.00	0.00	-0.172	8.625	-600	-42.98		1/1/1980	21	3	SERV	TI	I5	E12	E05	147	32.37	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012	4/17/2014	
DF3527	702	205147842	0.00	0.00	0.280	6.625	-380	-12.84		1/1/1986	3	3	SERV	TP	I5	E12		90	22.08	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012	4/17/2014	
DF6836	100	205078072	0.00	0.01	-0.188	-10.750	450	-36.76		1/1/1963	67	3	DFM	TI	I5	E13	E06	158	28.87	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/30/2013		
DF6856	701	205080446	0.00	0.01	0.250	12.750	839	-89.14			69	1	LT	T	I1	E12	E07	256	39.99	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes	8/11/2012		10/27/2012	
DF6867	100	205135461	0.00	0.00	0.313	16.000	-246	-14.97	TAPE	1/1/1993	3	3	LT	T	I1	E12	E07	174	14.01	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/6/2012		
DF6867	101	205135462	0.00	0.00	0.313	16.000	-246	-14.97	TAPE	1/1/1993	1	3	LT	T	I1	E12	E07	174	14.01	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/6/2012		
DF6869	501	205136354	0.00	0.00	0.312	16.000	-150	-7.40	TAPE	1/1/1989	3	3	LT	T	B1	E13	E07	136	10.14	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	2/17/2013		
DF6869	502	205136355	0.00	0.00	0.312	16.000	-150	-7.40	TAPE	1/1/1989	7	3	LT	T	B1	E13	E07	136	10.14	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	2/17/2013		
DF6873	100	205092551	0.00	0.00	-0.141	4.500	-338	-15.41			28	3	SERV	TP	I5	E13	E06	58	29.84	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	6/4/2013		
DF7117	100	205114481	0.00	0.00	-0.188	10.750	313	-37.29			19	3	DFM	T	I5	E11		132	32.22	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/31/2011		
DF7537	100	205118521	0.00	0.00	0.280	6.625	365	12.34	TAPE	1/5/2004	10	3	DFM	T	I5	E14	E07	88	16.23	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	8/12/2014		
DF7569	100.3	205148650	0.00	0.00	0.250	8.625	-260	-10.68	TAPE	1/1/1994	2	3	DFM	TP	I1	E16	E09	97	9.05	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/13/2016		
DF7569	101.3	205148651	0.00	0.00	0.250	8.625	-260	-10.68	TAPE	1/1/1994	2	3	DFM	TP	I1	E16	E09	97	9.05	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	9/13/2016		
DF7600	100.3	205165292	0.00	0.00	0.280	6.625	500	16.90		1/1/1989	2	3	SERV	TI	I9	E15	E10	103	9.08	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	5/18/2015		
DF7600	101.3	205165293	0.00	0.00	0.280	6.625	500	16.90		1/1/1989	3	3	SERV	TI	I9	E15	E10	103	9.08	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	5/18/2015		
DF7708	100.3	205092673	0.00	0.01	-0.156	6.625	338	-20.51		1/1/1972	17	3	DFM	TI	I5	E13	E06	85	22.34	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	6/4/2013		
DF7710	100.3	205092666	0.00	0.01	-0.203	12.750	405	-36.34		1/1/1989	28	3	DFM	T	I5	E12		178	26.26	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012	4/17/2014	
DF8185	100	205127646	0.00	0.00	0.312	16.000	500	24.65	FBE	6/1/2005	10	3	LT	T	A2	E12		248	14.28	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
DF8209	701	205152943	0.00	0.00	-0.141	4.500	400	-18.24		1/1/1956	5	3	SERV	TP	I8	E16	E09	63	24.03	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
DF8209	701.5	205152944	0.00	0.00	-0.141	4.500	400	-18.24		1/1/1956	1	3	SERV	TP	I8	E16	E09	63	24.03	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
DF8209	702	205152941	0.00	0.00	0.237	4.500	400	10.85		6/25/2005	14	3	SERV	TP	I8	E16	E09	63	16.06	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
DF8209	703	205152942	0.00	0.00	0.237	4.500	400	10.85		6/25/2005	1	3	SERV	TP	I8	E16	E09	63	16.06	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
DF8450	701	205158208	0.00	0.00	0.322	8.625	500	19.13	TAPE	1/13/2006	3	3	DFM	TP	I6	E15	E10	134	11.41	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
DF8450	702	205158209	0.00	0.00	0.322	8.625	500	19.13																								



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HOA RISK	EO THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN		
DFDS3576	204	205147817	0.00	0.00	-0.141	4.500	-420	-15.96			17	3	SERV	TI	I1	E15	E10	65	30.15	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	7/26/2015			
DFDS3588	501	205164065	0.00	0.00	-0.141	3.500	375	-31.03	TAPE	7/31/1952	23	3	SERV	TI	I5	E14	E07	48	27.13	Yes	No	No	Yes	No	Yes	Yes	No	Yes	9/29/2014			
DFDS3588	502	205164066	0.00	0.01	-0.141	3.500	400	-33.10	TAPE	7/31/1952	51	3	SERV	TI	I5	E14	E07	49	27.15	Yes	No	No	Yes	No	Yes	Yes	No	Yes	9/29/2014			
DFDS3606	151	205079034	0.00	0.05	0.322	8.625	500	19.13	TAPE	12/10/2001	238	3	DFM	TP	I1	E15	E10	134	7.06	Yes	No	No	No	No	Yes	Yes	No	Yes	12/19/2015			
DFDS3614	802	205089802	0.00	0.01	0.156	4.500	-650	-22.32		1/1/1992	35	4	SERV	TI	I1	E17	E10	80	20.51	Yes	No	No	No	No	Yes	Yes	No	Yes	12/13/2017			
DFDS3626	401	205164061	0.00	0.00	-0.156	6.625	400	-24.27		1/1/1972	8	3	DFM	TI	A5	E16	E09	92	21.90	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
DFDS3626	104	205114653	0.01	0.01	0.219	10.750	400	23.37	TAPE	1/1/1988	19	3	DFM	T	I5	E16	E09	149	21.44	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/7/2014		
DFDS3633	701	205151380	0.00	0.00	-0.140	-1.660	-400	-6.78		1/1/1963	2	3	SERV	TC	I9	E16		24	29.09	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/13/2017		
DFDS3633	702	205151381	0.00	0.00	-0.140	-1.660	-400	-6.78		1/1/1963	58	3	SERV	TC	I8	E16		24	29.09	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/13/2017		
DFDS3633	701	205151288	0.00	0.00	0.113	1.900	-400	-16.01			3	3	SERV	TP	I5	E16	E09	27	26.66	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/7/2014		
DFDS3633	702	205151289	0.00	0.00	0.113	1.900	-400	-9.61			27	3	LT	TP	I5	E16	E09	27	26.66	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/7/2014		
DFDS3648	101	205164371	0.00	0.00	0.322	8.625	-400	-15.31		1/1/1989	6	3	DFM	TP	I5	E11	E07	120	12.19	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	2/25/2011		
DFDS3648	102	205164372	0.00	0.01	0.322	8.625	-400	-15.31		1/1/1989	34	3	DFM	TP	I5	E11	E07	120	12.19	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	2/25/2011		
DFDS3653	401	205082224	0.00	0.01	-0.156	4.500	400	-16.48		1/1/1989	77	3	SERV	TC	I1	E13	E06	63	18.94	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2013		
DFDS3662	102	205094330	0.00	0.00	-0.154	2.375	-650	-14.32		1/1/1976	8	3	SERV	TP	I3	E17		43	26.73	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/14/2017		
DFDS3678	100	205099294	0.00	0.00	-0.172	8.625	-597	-42.77	TAPE	1/1/1994	68	3	DFM	T	I8	E16	E09	146	20.98	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/1/2016		
DFDS3684	200	205149831	0.00	0.00	-0.172	8.625	-597	-42.77	TAPE	1/1/1994	1	3	DFM	T	I8	E16	E09	146	20.98	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/1/2016		
DFDS3684	201	205149832	0.00	0.00	-0.172	8.625	-597	-42.77	TAPE	1/1/1994	20	3	DFM	T	I8	E16	E09	146	20.98	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/1/2016		
DFDS6819	100	205096707	0.00	0.00	-0.141	-2.375	-600	-35.09			20	2	SERV	TI	I3	E12		41	27.32	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/17/2012			
DFDS7095	100	205114632	0.00	0.00	0.280	6.625	400	13.52	TAPE	6/29/2003	11	3	DFM	TP	I3	E12		92	16.51	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
DFDS8555	100	205128657	0.00	0.00	0.237	4.500	590	16.00	FBE	12/20/2004	5	3	DFM	TP	I5	E15	E10	76	17.44	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
DFDS8555	101	205128896	0.00	0.00	0.156	4.500	590	20.26	FBE	12/20/2004	10	3	DFM	TP	I5	E15	E10	76	17.68	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
DFDS8555	102	205128897	0.00	0.00	0.156	4.500	590	20.26	FBE	12/10/2004	2	3	DFM	TP	I5	E15	E10	76	17.68	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
DFDS8807	707	205150260	0.00	0.00	0.312	24.000	555	32.84	FBE	1/1/1997	23	3	BB	T	I5	E11		391	24.92	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
DFDS8807	708	205150261	0.00	0.01	0.312	24.000	555	32.84	FBE	1/1/1997	23	3	BB	T	I5	E11		391	24.92	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
DREG3822	100	205076599	0.00	0.09	0.237	4.500	-610	-27.58		1/1/1967	461	3	SERV	TI	I21	E17	E10	78	22.93	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/15/2017		
DREG3822	100	205160485	0.00	0.00	0.280	6.625	610	20.62		1/1/1967	2	3	SERV	TI	I2	E17	E10	114	22.74	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/15/2017		
DREG3822	100.5	205160486	0.00	0.00	0.280	6.625	610	20.62		1/1/1967	15	3	SERV	TI	I2	E17	E10	114	22.74	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/15/2017		
DREG3822	100.6	205160480	0.00	0.02	-0.156	6.625	610	-37.01		1/1/1967	106	3	SERV	TI	I2	E17	E10	114	31.77	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/15/2017		
DREG3822	100	205076592	0.00	0.02	-0.141	-2.375	-610	-35.68			111	3	SERV	TI	I2	E13	E06	41	31.24	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	3/3/2013		
DREG3833	100	205076589	0.00	0.01	-0.145	-1.900	-610	-27.75			47	3	SERV	TI	I2	E13	E06	33	29.78	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	3/3/2013		
DREG3870	100	205073972	0.00	0.01	-0.141	4.500	-450	-49.87			70	3	SERV	TI	I1	E13	E06	66	31.66	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	3/3/2013		
DREG3870	100	205131795	0.00	0.00	-0.141	4.500	-450	-49.87			13	3	SERV	TI	I1	E13	E06	66	31.66	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	3/3/2013		
DREG3873	100.7	205131797	0.00	0.01	-0.141	6.625	-450	-73.42		1/1/1960	16	3	SERV	TI	I1	E10	E06	97	33.51	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	3/2/2011		
DREG3873	101	205147112	0.00	0.00	-0.141	3.500	-250	-21.55			35	3	SERV	TI	I9	E17	E10	39	28.24	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/15/2017		
DREG3873	102	205147113	0.00	0.00	-0.141	3.500	-250	-21.55			74	3	SERV	TI	I9	E17	E10	39	28.24	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/15/2017		
DREG3907	101	205121572	0.00	0.02	-0.141	2.375	450	-26.32		1/1/1957	109	3	SERV	TI	I5	E13	E06	36	24.10	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/30/2013		
DREG3907	102	205122953	0.02	0.02	-0.141	4.500	450	-20.52	TAPE	8/29/2002	125	3	SERV	TI	I1	E13	E06	67	20.06	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/30/2013		
DREG4014	801	205155208	0.00	0.02	-0.141	3.500	-400	-34.48		1/1/1947	116	3	SERV	TI	I5	E14	E07	49	32.84	Yes	No	No	Yes	No	Yes	Yes	No	Yes	3/15/2014			
DREG4014	802	205155210	0.02	0.02	-0.141	3.500	-400	-9.26	TAPE	9/29/2009	5	3	SERV	TP	I6	E14		49	25.70	Yes	No	No	No	No	Yes	Yes	No	Yes	1/28/2017			
DREG4014	803	205155207	0.02	0.03	-0.141	3.500	-400	-34.48		1/1/1947	40	3	SERV	TI	I5	E14	E07	49	32.84	Yes	No	No	Yes	No	Yes	Yes	No	Yes	3/15/2014			
DREG4014	804	205090724	0.04	0.07	-0.141	4.500	-400	-44.33		1/1/1947	217	3	SERV	TI	I5	E14	E07	63	34.59	Yes	No	No	Yes	No	Yes	Yes	No	Yes	3/15/2014			
DREG4048	101	205084679	0.00	1.14	0.281	10.750	-240	-15.30	HAA	1/1/1942	716	3	SERV	TP	I1	E14	E07	116	18.77	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	8/23/2014			
DREG4048	102	205084680	1.14	1.14	-0.156	6.625	-240	-14.56	TAPE	1/1/1989	8	3	SERV	TP	I1	E14	E07	71	21.35	Yes	No	No	Yes	No	Yes	Yes	No	Yes	8/23/2014			
DREG4048	103	205084681	1.14	1.14	0.281	10.750	-240	-15.30	HAA	1/1/1942	28	3	SERV	TP	I1	E14	E07	115	18.77	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	8/23/2014			
DREG4048	104	205084682	1.14	1.15	0.281	6.625	-240	-9.43	HAA	1/1/1942	37	3	SERV	TP	I1	E14	E07	71	18.34	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	8/23/2014			
DREG4048	105	205084683	1.15	1.15	-0.141	4.500	-240	-26.60	HAA		37	3	SERV	TI	I1	E14	E07	49	25.43	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	8/23/2014			
DREG4086	101	205159125	0.00	0.00	0.148	4.500	500	21.72		1/1/1967	24	3	SERV	T	I6	E15	E10	70	18.12	Yes	No	No	No	No	Yes</							

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EG PLAN	IC PLAN	SCC PLAN	
DREG417	112	205098934	0.00	0.01	-0.141	6.625	-200	-24.47		11/21/1996	38	3	SERV	TI	I5	E16	E09	66	17.42	Yes	No	No	Yes	No	Yes	Yes	No	Yes			
DREG418	104	205114277	0.00	0.04	0.188	10.750	-375	-25.53	HAA	1/1/1968	205	3	SERV	TI	I5	E11	E05	145	16.00	Yes	No	No	Yes	No	Yes	Yes	No	Yes			
DREG418	104.29	205130657	0.23	0.28	0.188	10.750	-375	-25.53	HAA	1/1/1968	276	3	SERV	TI	I8	E11	E05	145	19.06	Yes	No	No	Yes	No	Yes	Yes	No	Yes			
DREG418	104.32	205131017	0.28	0.45	0.188	10.750	-375	-25.53	HAA	1/1/1968	900	3	SERV	TI	I8	E11	E05	145	19.06	Yes	No	No	Yes	No	Yes	Yes	No	Yes			
DREG418	104.4	205114280	0.45	0.73	0.188	10.750	-375	-25.53	HAA	1/1/1968	1465	3	SERV	TI	I5	E11	E05	145	23.92	Yes	No	No	Yes	No	Yes	Yes	No	Yes			
DREG419	801	205102609	0.00	0.01	-0.141	4.500	-375	-41.56			45	3	SERV	TI	I9	E11		61	36.63	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes			
DREG419	802	205102611	0.01	0.01	-0.141	3.500	-375	-32.32			60	3	SERV	TI	I9	E11		48	34.62	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes			
DREG419	801	205102983	0.00	0.01	0.322	8.625	-375	-14.35		11/5/1986	30	3	SERV	TI	I5	E11	E06	116	15.35	Yes	No	No	Yes	No	Yes	Yes	No	Yes			
DREG420	803.2	205114703	0.11	0.13	0.188	8.625	375	24.58		1/1/1971	100	3	SERV	TI	I5	E11	E06	116	21.86	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
DREG420	803.5	205113399	0.13	0.25	0.188	8.625	375	24.58		1/1/1971	617	3	SERV	TI	I5	E11	E06	116	21.86	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
DREG420	112	205102314	0.02	0.09	0.250	24.000	-375	-42.86		1/1/1977	352	3	SERV	TI	B5	E11	E06	321	20.03	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
DREG420	113	205102316	0.09	0.13	0.219	8.625	-375	-17.58		1/1/1990	213	3	SERV	TP	I5	E11	E06	116	20.56	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
DREG420	114	205113801	0.13	0.32	0.219	10.750	-375	-21.91		1/1/1952	990	3	SERV	TI	I5	E11	E06	144	25.59	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
DREG420	114.2	205113803	0.32	0.43	0.219	10.750	-375	-21.91		1/1/1952	575	3	SERV	TI	A5	E11	E06	144	25.43	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
DREG420	114.3	205113805	0.43	0.49	0.219	10.750	-375	-21.91		1/1/1952	341	3	SERV	TI	A5	E11	E06	144	23.24	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
DREG420	114.5	205113806	0.49	0.50	0.219	10.750	-375	-21.91		1/1/1952	42	3	SERV	TI	A5	E11	E06	144	23.24	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
DREG420	115	205102118	0.50	0.52	0.281	10.750	-375	-17.08		1/1/1987	80	3	SERV	TP	A5	E11	E06	144	14.26	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
DREG420	116	205102119	0.52	0.59	0.219	10.750	-375	-21.91		1/1/1952	360	3	SERV	TI	B5	E11	E06	144	23.24	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
DREG420	117	205102117	0.59	0.60	0.219	8.625	-375	-21.10		1/1/1972	110	3	SERV	TI	B5	E11	E06	116	22.18	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
DREG420	801	205102128	0.00	0.00	-0.141	3.500	-375	-32.32			129	3	SERV	TI	I5	E11	E06	47	31.34	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes		
DREG426	104.1	205120404	0.22	0.31	0.188	6.625	-313	-13.13	HAA	1/1/1957	451	3	SERV	TP	I5	E11		81	27.38	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
DREG426	107	205120408	0.43	0.67	0.188	6.625	-313	-13.13	HAA	1/1/1957	1255	3	SERV	TP	I5	E11		81	28.12	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
DREG432	104	205084779	0.06	0.25	0.188	6.625	412	20.74	TAPE	1/1/1960	1028	3	SERV	TI	I1	E14	E07	93	20.15	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes		
DREG432	104.3	205084777	0.00	0.06	0.156	6.625	412	25.00	HAA	1/1/1956	300	3	SERV	TI	I1	E14	E07	94	23.20	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes		
DREG432	103.5	205123720	0.53	0.82	0.188	8.625	412	22.50	TAPE	1/1/1973	1530	3	SERV	T	I1	E16	E09	122	15.80	Yes	No	No	No	No	Yes	Yes	No	No	Yes		
DREG432	104	205084780	0.82	1.29	0.188	8.625	412	22.50	TAPE	1/1/1968	2497	3	SERV	T	I1	E16	E09	122	19.70	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes		
DREG433	801	205153204	0.00	0.00	-0.141	2.375	-375	-21.93			2	3	SERV	TI	I9	E14		33	34.24	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes		
DREG433	802	205153205	0.00	0.00	-0.141	2.375	-375	-21.93			113	3	SERV	TI	I9	E14		33	34.24	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes		
DREG438	100	205094286	0.00	0.01	-0.141	4.500	-400	-44.33			42	3	SERV	TI	I5	E14	E08	63	27.25	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes		
DREG438	119	205083649	0.00	0.07	0.188	8.625	-400	-26.22		1/1/1963	359	3	SERV	TI	I5	E14	E08	120	25.74	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes		
DREG440	802	205123898	0.11	0.28	0.188	8.625	-400	-21.85	TAPE	1/1/1991	924	3	SERV	TI	I1	E14	E08	120	21.11	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes		
DREG440	804.5	205134454	0.49	0.51	-0.172	8.625	-400	-28.65		1/1/1991	102	3	SERV	TI	I6	E11	E06	120	25.27	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes		
DREG440	805	205123903	0.51	0.83	0.188	8.625	-400	-21.85	TAPE	1/1/1991	1671	3	SERV	TI	I1	E14	E08	120	21.11	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes		
DREG445	101	205083691	0.00	0.03	-0.141	3.500	-400	-34.48		1/1/1940	148	3	SERV	TC	I5	E14	E08	49	26.08	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes		
DREG449	801	205089800	0.00	0.19	0.156	4.500	-650	-22.32	TAPE	1/1/1992	999	3	SERV	TI	I1	E14	E07	80	16.44	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes		
DREG456	801	205090689	0.00	0.02	0.154	2.375	-600	-22.03		1/1/1972	90	3	SERV	TI	I5	E15	E08	41	17.00	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes		
DREG456	801	205078561	0.00	0.14	-0.141	4.500	-400	-44.33		1/1/1939	109	3	SERV	TI	A5	E14	E07	63	27.25	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes		
DREG458	106.8	205160162	0.00	0.03	0.154	2.375	350	7.71	Protal 7200	10/11/2008	144	3	SERV	TP	I5	E17		32	22.43	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
DREG458	106.81	205160161	0.00	0.00	0.154	2.375	350	7.71	Protal 7200	10/11/2008	4	3	SERV	TP	I5	E17		32	22.43	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes		
DREG471	201	205094010	0.00	0.01	-0.141	3.500	500	-43.10			68	3	SERV	TI	I9	E15	E10	55	30.81	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes		
DREG471	203	205094011	0.01	0.04	-0.141	6.625	500	-61.18			175	3	SERV	TI	I9	E15	E10	103	36.10	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes		
DREG473	401	205151346	0.00	0.00	-0.141	2.375	400	-23.39			4	3	SERV	TI	I5	E16	E09	34	28.15	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes		
DREG473	402	205151347	0.00	0.00	-0.141	2.375	400	-23.39			56	3	SERV	TI	I5	E16	E09	34	28.15	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes		
DREG473	401	205154407	0.00	0.00	-0.141	3.500	400	-34.48			1	3	SERV	TI	I5	E16	E09	49	29.73	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes		
DREG473	402	205154408	0.00	0.01	-0.141	3.500	400	-34.48			50	3	SERV	TI	I5	E16	E09	49	29.73	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes		
DREG473	301	205155163	0.00	0.01	-0.141	2.375	400	-23.39			3	3	SERV	TI	I5	E16	E09	34	28.15	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes		
DREG473	302	205155164	0.01	0.15	-0.141	2.375	400	-23.39			77	3	SERV	TI	I5	E16	E09	34	28.15	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes		
DREG473	601	205153348	0.00	0.00	-0.141	3.500	400	-33.10	TAPE	7/31/1952	1	3	SERV	TI	I5	E16	E09	49	27.15	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
DREG473	602	205153349	0.00	0.00	-0.141	3.500	400	-33.10	TAPE	7/31/1952	23	3	SERV	TI	I5	E16	E09	49	27.15	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
DREG473	801	205152949	0.00	0.00	0.237	4.500	400	-10.85		1/1/1955	2	3	SERV	TP	I5	E16	E09	63	21.23	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes		
DREG473	801.5	205152950	0.00	0.37	0.237	4.500	400	-10.85		1/1/1955	1977	3	SERV	TP	I5	E16	E09	63	21.23	Yes	No	No	Yes	No							

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN		
DREG4897	515.2	205132011	1.61	1.61	0.188	6.625	412	17.28	TAPE	1/1/1968	15	3	SERV	TI	I9	E16	E09	94	18.18	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
DREG4917	100.3	205151234	0.00	0.00	-0.141	4.500	-300	-33.24		1/1/1945	3	3	SERV	TI	I5	E14	E07	55	23.18	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/23/2014		
DREG4917	101.3	205151235	0.00	0.01	-0.141	4.500	-300	-33.24		1/1/1945	66	3	SERV	TI	I5	E14	E07	55	23.18	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/23/2014		
DREG4919	201	205120497	0.00	0.02	-0.156	6.625	-300	-18.20		1/1/1962	123	3	SERV	TP	I8	E14	E07	80	22.33	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	8/23/2014		
DREG4919	201.1	205120499	0.02	0.13	-0.156	6.625	-300	-18.20		1/1/1962	528	3	SERV	TP	I5	E14	E07	80	23.11	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	8/23/2014		
DREG4919	201.8	205120502	0.26	0.29	-0.156	6.625	-300	-18.20		1/1/1962	162	3	SERV	TP	I5	E14	E07	80	25.29	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	8/23/2014		
DREG4919	202	205133540	0.29	0.34	0.188	6.625	-300	-12.59	HAA	1/1/1969	251	3	SERV	TP	I5	E14	E07	80	20.80	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	3/27/2014		
DREG4919	204	205088352	0.34	0.35	-0.141	3.500	-300	-24.82			65	3	SERV	TI	I5	E14	E07	42	24.10	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	3/27/2014		
DREG4927	302	205120496	0.07	0.11	-0.141	4.500	-300	-33.24		1/1/1931	196	3	SERV	TI	I5	E14	E07	54	25.90	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	8/23/2014		
DREG5052	100	205103301	0.00	0.00	-0.141	2.375	-430	-25.15			110	3	SERV	TI	I5	E15		35	42.43	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	7/21/2017		
DREG5098	201	205089331	0.00	0.03	-0.141	6.625	313	-38.30			150	3	SERV	TI	I5	E13	E07	81	29.19	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	11/30/2013		
DREG5130	204	205098906	0.06	0.06	-0.156	6.625	303	-18.38		1/1/1974	18	3	SERV	TI	I7	E17	E10	81	18.36	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	4/27/2017		
DREG5130	208	205098908	0.06	0.07	-0.156	6.625	303	-18.38		1/1/1963	80	3	SERV	TI	I7	E17	E10	81	21.81	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	4/27/2017		
DREG5130	212	205098909	0.08	0.09	-0.141	4.500	303	-13.81		1/1/1963	52	3	SERV	TI	I7	E17	E10	55	21.51	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	4/27/2017		
DREG5130	551.7	205128711	0.04	0.06	-0.156	6.625	303	-18.38		1/1/1963	93	3	SERV	TI	I7	E17	E10	81	21.81	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	4/27/2017		
DREG5157	301	205081763	0.00	0.01	-0.141	3.500	400	-33.10		1/1/1968	65	3	SERV	TI	I5	E13	E06	49	25.50	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2013		
DREG5207	100	205092550	0.00	0.00	-0.141	6.625	-338	-41.36			24	3	SERV	TI	I5	E13	E06	85	33.54	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	6/4/2013		
DREG5207	100.2	205092564	0.00	0.00	-0.141	3.500	-268	-22.17			90	3	SERV	TI	I5	E13	E06	40	30.19	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	6/4/2013		
DREG5267	101	205094331	0.00	0.00	-0.154	2.375	-650	-14.32		1/1/1976	4	3	SERV	TP	I3	E17		43	26.73	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/14/2017		
DREG5267	102	205094440	0.00	0.00	-0.156	4.500	-650	-26.79		1/1/1976	150	3	SERV	TI	I3	E17		80	27.71	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/14/2017		
DREG5268	101	205094337	0.00	0.03	-0.141	2.375	-650	-36.50		1/1/1981	150	3	SERV	TI	I1	E14	E07	42	28.13	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	1/7/2014		
DREG5267	100	205073824	0.00	0.00	0.156	3.500	-650	-34.72	TAPE	1/1/1993	50	3	SERV	TI	I1	E14	E07	63	25.18	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	1/7/2014		
DREG5287	101	205155294	0.00	0.00	0.280	6.625	500	16.90		1/1/1989	2	3	SERV	TI	I9	E15	E10	103	9.08	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	5/18/2015		
DREG5287	101.05	205155295	0.00	0.00	0.280	6.625	500	16.90		1/1/1989	3	3	SERV	TI	I9	E15	E10	103	9.08	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	5/18/2015		
DREG5287	101.1	205155296	0.00	0.00	0.280	6.625	500	16.90		1/1/1989	4	3	SERV	TI	I9	E15	E10	103	9.08	Yes	No	No	No	No	Yes	Yes	No	No	Yes	5/18/2015		
DREG5287	101.2	205156900	0.00	0.01	0.322	6.625	500	19.13		1/1/1988	6	3	SERV	TI	I9	E15	E10	134	9.23	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	5/18/2015		
DREG5287	101.25	205156901	0.01	0.11	0.188	6.625	500	32.77		1/1/1988	594	3	SERV	TI	I9	E15	E10	134	15.27	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	5/18/2015		
DREG5287	102.5	205120884	0.85	1.08	0.188	6.625	-500	-25.17	HAA	1/1/1967	1195	3	SERV	TI	I1	E14	E07	103	24.25	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	1/14/2014		
DREG5419	108	205164331	0.26	0.38	-0.156	6.625	500	-30.33		1/1/1992	611	3	SERV	TI	I3	E11		103	27.46	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
DREG5419	111	205083148	0.46	0.56	-0.156	6.625	500	-30.33		1/1/1992	493	3	SERV	TI	I1	E11		103	27.46	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
DREG5419	119	205123185	0.56	0.58	0.141	4.500	500	-19.00		1/1/1971	120	3	SERV	TI	I1	E11		70	23.18	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
DREG5419	120	205123188	0.85	1.00	0.141	4.500	500	-19.00		1/1/1971	824	3	SERV	TI	I1	E11		70	23.18	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/31/2011		
DREG5468	107	205121415	0.00	0.24	0.156	6.625	600	30.33	TAPE	1/1/1992	1249	3	SERV	TI	I5	E14	E07	113	16.17	Yes	No	No	No	No	Yes	Yes	No	No	Yes	2/19/2014		
DREG5468	107.3	205121419	0.34	0.61	0.156	6.625	600	30.33	TAPE	1/1/1992	1462	3	SERV	TI	I5	E14	E07	113	17.69	Yes	No	No	No	No	Yes	Yes	No	No	Yes	2/19/2014		
DREG5468	109.05	205164123	1.13	1.14	0.156	6.625	600	30.33	TAPE	1/1/1992	43	3	SERV	TI	I3	E14		113	22.31	Yes	No	No	No	No	Yes	Yes	No	No	Yes	11/7/2017		
DREG5468	109.1	205145430	1.14	1.25	0.156	6.625	600	30.33	TAPE	1/1/1992	601	3	SERV	TI	I6	E14		113	22.31	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/8/2015		
DREG5468	109.15	205145431	1.25	1.37	0.156	6.625	600	30.33	TAPE	1/1/1992	644	3	SERV	TI	I6	E14		113	22.31	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/8/2015		
DREG5468	109.2	205121423	1.37	1.52	0.156	6.625	600	30.33	TAPE	1/1/1992	761	3	SERV	TI	I5	E14	E07	113	17.69	Yes	No	No	No	No	Yes	Yes	No	No	Yes	2/19/2014		
DREG5468	109.4	205121429	1.52	1.61	0.156	6.625	600	30.33	TAPE	1/1/1992	484	3	SERV	TI	I8	E12		113	20.16	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
DREG5468	109.5	205161808	1.61	1.62	0.156	6.625	600	30.33	TAPE	1/1/1992	42	3	SERV	TI	I5	E14	E07	113	15.53	Yes	No	No	No	No	Yes	Yes	No	No	Yes	2/19/2014		
DREG5468	109.6	205161810	1.62	1.62	0.280	6.625	600	20.28	Protal 7200	10/19/2009	5	3	SERV	T	I3	E14		113	10.23	Yes	No	No	No	No	Yes	Yes	No	No	Yes	11/7/2017		
DREG5468	109.7	205161812	1.62	1.62	0.280	6.625	600	20.28	Protal 7200	10/19/2009	3	3	SERV	T	I3	E14		113	10.23	Yes	No	No	No	No	Yes	Yes	No	No	Yes	11/7/2017		
DREG5468	109.8	205161814	1.62	1.62	0.250	6.625	600	24.64	Protal 7200	10/19/2009	1	3	SERV	T	I3	E14		147	10.41	Yes	No	No	No	No	Yes	Yes	No	No	Yes	11/7/2017		
DREG5468	109.9	205162467	1.62	1.77	0.188	6.625	600	26.47	FBE	10/19/2009	789	3	SERV	T	I3	E14		147	14.84	Yes	No	No	No	No	Yes	Yes	No	No	Yes	11/3/2017		
DREG5468	110.7	205162464	2.17	2.31	0.188	6.625	600	26.47	FBE	10/19/2009	759	3	SERV	T	I3	E14		147	14.84	Yes	No	No	No	No	Yes	Yes	No	No	Yes	11/3/2017		
DREG5468	111.5	205121435	3.10	3.22	0.156	6.625	600	30.33	TAPE	1/1/1992	629	3	SERV	TI	I5	E14	E07	113	17.69	Yes	No	No	No	No	Yes	Yes	No	No	Yes	2/19/2014		
DREG5468	111.8	205121441	3.64	3.74	0.156	6.625	600	30.33	TAPE	1/1/1992	542	3	SERV	TI	I5	E14	E07	113	17.69	Yes	No	No	No	No	Yes	Yes	No	No	Yes	2/19/2014		
DREG5477	103	205121469	0.13	0.23	0.156	4.500	600	24.73	TAPE	1/1/19																						

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN		
DREG5496	102.8	205135507	1.66	1.71	0.188	8.625	400	21.85		1/1/1990	271	3	SERV	TI	I9	E17	E10	120	17.76	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/19/2017			
DREG5496	103	205121368	1.71	2.96	0.188	8.625	400	21.85		1/1/1990	6562	3	SERV	TI	I1	E17	E10	120	17.76	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/19/2017			
DREG5640	801	205093196	0.00	0.00	-0.141	-6.625	-600	-73.42			10	3	SERV	TI	I5	E14		113	42.91	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	11/18/2017			
DREG5640	100	205093111	0.00	0.00	-0.172	8.625	-600	-42.98		1/1/1980	7	3	SERV	TI	I5	E12	E05	147	32.37	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/17/2012	4/17/2014		
DREG5640	801	205147845	0.00	0.00	0.280	6.625	-380	-12.84		1/1/1986	4	3	SERV	TP	I5	E12		90	22.08	Yes	No	No	No	No	Yes	Yes	No	Yes	12/17/2012	4/17/2014		
DREG5640	103	205163356	0.08	0.13	0.195	4.500	380	-30.45	HAA	1/1/1948	316	3	SERV	TI	I5	E12	E05	62	21.24	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/18/2012		
DREG5640	103.7	205163359	0.20	0.29	0.195	4.500	380	-30.45	HAA	1/1/1948	453	3	SERV	TI	I5	E12	E05	62	21.24	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/18/2012		
DREG5640	104	205136499	0.29	0.29	0.195	4.500	380	-30.45	HAA	1/1/1948	29	3	SERV	TI	I5	E12		62	24.13	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
DREG7562	102.7	205130145	0.13	0.22	0.188	6.625	500	20.98	FBE	9/29/2003	455	3	SERV	T	I5	E17	E10	103	11.51	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	1/31/2017		
DREG7720	801	205078424	0.00	0.01	0.154	2.375	-500	-11.02		1/1/1963	70	3	SERV	TI	I5	E14	E07	37	23.90	Yes	No	No	Yes	No	Yes	Yes	No	Yes	3/7/2014			
DREG9000	111.5	205164335	0.66	0.67	0.156	4.500	650	26.79		1/1/1993	22	3	SERV	T	I3	E17		80	28.79	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/14/2017		
DREG9000	112	205139660	0.67	0.71	0.156	4.500	650	26.79		1/1/1993	206	3	SERV	T	I3	E17		80	27.38	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/14/2017		
DREG9000	113	205164100	0.71	0.74	0.156	4.500	650	26.79		1/1/1991	170	3	SERV	T	I3	E17		80	24.59	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/14/2017		
DREG9910	100	205147070	0.00	0.00	-0.172	8.625	450	-26.86			4	-3	SERV	T	I6	E13		127	34.72	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	5/10/2016		
DRIP5658	102.3	205098658	0.00	0.00	-0.250	-24.000	250	-34.29		1/1/1984	2	3	LT	TI	I5	E13		263	27.33	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	5/1/2013		
DRIP5664	651	205079390	0.00	0.00	-0.141	-8.625	-400	-63.72			5	3	LT	T	I1	E11	E08	120	36.94	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/31/2011			
DRIP5690	619	205073759	0.08	0.08	-0.312	36.000	145	-19.92			50	3	SERV	TI	I6	E17	E10	300	23.42	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/19/2017		
DRIP7962		205126168	0.00	0.00	-0.250	-24.000	400	-45.71			10	3	LT	TI	B5	E17	E10	332	32.26	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/19/2017		
DRIP7968	101	205126175	0.00	0.00	-0.438	-34.000	597	-44.61			10	3	LT	TI	I8	E11		574	46.23	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/31/2011		
DRIP7969		205126176	0.00	0.00	-0.250	-20.000	375	-35.71			10	3	LT	TI	A8	E11		268	32.27	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/31/2011		
DRIP7975		205126182	0.00	0.00	-0.250	-20.000	-338	-38.63			10	-3	LT	TI	I8	E11		254	32.86	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/31/2011		
DRIP7994	651	205127070	0.00	0.00	-0.312	-34.000	-600	-77.84			5	-3	LT	TI	B8	E11		575	43.73	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/31/2011		
DRIP7995	651	205127071	0.00	0.00	-0.312	-26.000	-965	-77.32			3	-3	BB	TI	I8	E15	E10	558	33.15	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	11/5/2015		
DRIP7998	651	205127072	0.00	0.00	-0.312	-26.000	-965	-77.32			3	-3	BB	TI	I8	E15	E10	558	33.15	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	11/5/2015		
DRIP8709	100	205134568	0.00	0.00	0.375	16.000	-650	-39.62			6	-3	LT	T	I9	E12		282	25.99	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/17/2012		
DRIP8709	101	205134569	0.00	0.02	0.375	20.000	-650	-49.52			108	-3	LT	TI	I5	E12		353	28.90	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/17/2012		
DRIP8710	100	205134566	0.00	0.00	0.375	12.750	-650	-31.57			6	-3	LT	T	I9	E12		225	30.59	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/17/2012		
DRIP8710	101	205134567	0.00	0.02	0.375	16.000	-650	-39.62			105	-3	LT	TI	I5	E12		282	25.99	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/17/2012		
DRIP574	101	205155608	0.00	0.08	0.188	6.625	408	-20.54		1/1/1994	402	3	SERV	TC	I6	E14		93	24.79	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	11/19/2017		
FCUST574	101.3	205163268	0.34	0.53	0.188	6.625	408	-20.54		1/1/1994	1005	3	SERV	TC	I3	E12		93	24.79	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/17/2012		
FCUST575	504	205114651	0.13	0.19	0.154	2.375	400	8.81	TAPE	5/4/1988	336	3	SERV	TC	I5	E16	E09	34	19.93	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/22/2016		
FCUST575	401	205103047	0.00	0.00	-0.188	-10.750	-400	-32.67		1/1/1993	25	3	SERV	TC	I5	E16	E09	149	27.06	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	3/22/2016		
FCUST576	100.9	205081466	0.10	0.14	-0.156	6.625	-450	-27.30		1/1/1961	216	3	SERV	TC	I1	E14	E07	97	26.18	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	5/3/2014		
FCUST577	101	205162093	0.00	0.01	-0.141	4.500	-400	-18.24	STL	1/1/1953	55	3	SERV	TC	I1	E14	E07	63	25.68	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	5/3/2014		
FCUST577	200.3	205078643	0.00	0.00	0.237	4.500	500	13.56		1/1/1993	8	3	SERV	TC	I1	E16	E09	70	13.18	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
FCUST577	201	205078644	0.00	0.00	0.237	4.500	500	13.56	TAPE	1/1/1997	8	3	SERV	TC	I1	E16	E09	70	13.18	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
FCUST577	201.5	205122899	0.00	0.57	0.156	6.625	500	25.28	TAPE	1/1/1997	3018	3	SERV	TC	I1	E16	E09	103	11.51	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
FCUST577	202.5	205122902	0.91	1.20	0.156	6.625	500	25.28	TAPE	1/1/1997	1535	3	SERV	TC	I1	E16	E09	103	11.51	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
FCUST577	203	205122903	1.20	1.64	0.156	6.625	500	25.28	TAPE	1/1/1997	2352	3	SERV	TC	I1	E16	E09	103	11.51	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
FCUST577	205	205122906	1.82	2.17	0.156	6.625	500	25.28	TAPE	1/1/1997	1816	3	SERV	TC	I1	E16	E09	103	13.65	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
FCUST577	206	205084558	2.17	2.17	0.280	6.625	-500	-16.90	TAPE	1/1/1997	3	3	SERV	TC	I1	E16	E09	103	9.08	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
FCUST577	102	205115078	0.09	0.16	0.172	8.625	400	23.88	TAPE	1/1/1987	397	3	SERV	TC	I5	E14	E07	120	21.65	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	5/1/2014		



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EO THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EO PLAN	IC PLAN	SCC PLAN		
CUST582	401	205090808	0.00	0.01	0.280	6.625	975	32.96	FBE	6/10/2002	49	3	SERV	T	I5	E14	E07	144	16.83	Yes	Yes	No	No	No	Yes	Yes	No	Yes	2/15/2014	7/9/2014		
CUST582	401	205090817	0.00	0.01	0.188	6.625	975	-40.90		1/1/1989	80	3	SERV	T	I5	E14	E07	144	23.84	Yes	No	No	Yes	No	Yes	Yes	No	Yes	2/15/2014			
CUST583	402	205118399	0.02	0.17	-0.141	3.500	-600	-49.65		1/1/1980	795	3	SERV	TI	I5	E15	E08	60	24.00	Yes	No	No	Yes	No	Yes	Yes	No	Yes	8/2/2015			
CUST583	401	205152753	0.00	0.03	-0.156	6.625	412	-25.00		1/1/1987	158	3	SERV	TC	I9	E16		94	27.10	Yes	No	No	Yes	No	Yes	Yes	No	Yes	8/12/2016			
CUST583	423	205087053	0.00	0.02	-0.141	2.375	175	-9.83		1/1/1971	82	3	SERV	TC	I5	E14	E07	23	20.67	Yes	No	No	Yes	No	Yes	Yes	No	Yes	8/23/2014			
CUST584	201	205073328	0.00	0.01	-0.188	10.750	-175	-26.06			35	3	SERV	TC	B5	E14	E07	99	25.01	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	8/23/2014			
CUST584	209	205152755	0.01	0.09	0.188	10.750	-175	-11.91	HAA	1/1/1967	408	3	SERV	TC	I5	E14	E07	99	20.87	Yes	No	No	Yes	No	Yes	Yes	No	Yes	8/23/2014			
CUST584	212	205122391	0.55	0.70	0.188	10.750	-175	-11.91	HAA	1/1/1967	815	3	SERV	TC	I5	E14	E07	99	24.64	Yes	No	No	Yes	No	Yes	Yes	No	Yes	8/23/2014			
CUST584	215.4	205152758	1.49	1.51	-0.188	10.750	-175	-14.30		1/1/1967	130	3	SERV	TC	I9	E14	E07	99	25.75	Yes	No	No	Yes	No	Yes	Yes	No	Yes	8/23/2014			
CUST584	215.8	205122398	1.51	1.53	0.188	10.750	-175	-11.91	HAA	1/1/1967	107	3	SERV	TC	I5	E14	E07	99	23.86	Yes	No	No	Yes	No	Yes	Yes	No	Yes	8/23/2014			
CUST584	216	205122399	1.53	1.75	0.188	10.750	-175	-11.91	HAA	1/1/1967	1186	3	SERV	TC	I5	E14	E07	99	23.86	Yes	No	No	Yes	No	Yes	Yes	No	Yes	8/23/2014			
CUST584	630	205120476	0.33	0.39	0.237	4.500	300	-8.14		1/1/1984	298	3	SERV	TC	I5	E16	E09	55	17.66	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/3/2014			
CUST585	513	205161208	0.00	0.00	-0.156	6.625	412	-25.00		1/1/1990	5	3	SERV	TC	I5	E16	E09	94	18.42	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/3/2014			
CUST585	514	205151209	0.00	0.10	-0.156	6.625	412	-25.00		1/1/1990	527	3	SERV	TC	I5	E16	E09	94	15.11	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/3/2014			
CUST585	402	205119073	0.08	0.13	0.216	3.500	500	11.57	TAPE	1/1/1999	269	3	SERV	TC	I5	E14	E07	55	18.08	Yes	No	No	No	No	Yes	Yes	No	Yes	3/7/2014			
CUST587	302	205120436	0.11	0.17	-0.141	3.500	350	-12.41		1/1/1997	354	3	SERV	TC	I5	E13	E06	46	18.77	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/30/2013		
CUST588	104	205120371	0.46	0.57	-0.141	2.375	-650	-36.50		1/1/1964	571	3	SERV	TC	I1	E14	E07	42	30.59	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	1/7/2014		
CUST590	405	205098787	0.07	0.49	0.156	6.625	-150	-9.48	TAPE		2154	3	SERV	TC	I1	E10	E07	56	27.21	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	8/12/2010			
CUST590	406	205098789	0.49	0.63	0.156	6.625	-150	-7.58	TAPE	1/1/1995	757	3	SERV	TC	I1	E10	E07	56	20.18	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	8/12/2010		
CUST590	413	205098715	0.63	0.76	0.156	6.625	-150	-9.48	TAPE		684	3	SERV	TC	I1	E10	E07	56	29.57	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	8/12/2010		
CUST590	417	205098790	0.76	0.98	0.156	6.625	-150	-7.58	TAPE	1/1/1989	1227	3	SERV	TC	I1	E10	E07	56	20.18	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	8/12/2010		
CUST590	419	205098716	0.98	0.99	0.156	6.625	-150	-7.58	TAPE	1/1/1996	59	3	SERV	TC	I1	E10	E07	56	16.01	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	8/12/2010		
CUST590	501	205098714	0.00	0.02	-0.113	1.050	-150	-4.84			90	3	SERV	TC	I1	E10	E07	9	33.14	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	8/12/2010		
CUST590	401	205124973	0.00	0.01	-0.141	3.500	-150	-12.41		1/1/1973	80	3	SERV	TC	I5	E12		31	26.55	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
CUST590	403	205101619	0.09	0.11	-0.141	4.500	-150	-16.62			100	3	SERV	TC	I1	E13	E07	39	29.54	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	2/17/2013		
CUST591	301	205074606	0.00	0.00	0.365	10.750	840	35.34	TAPE	3/14/2002	6	3	SERV	TC	I5	E11		215	18.62	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
CUST591	308	205074607	0.00	0.10	0.250	10.750	840	43.00	FBE	3/14/2002	534	3	SERV	TC	I5	E11		215	18.85	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
CUST591	313	205074608	0.10	0.11	0.250	10.750	840	43.00	FBE	3/14/2002	16	3	SERV	TC	I5	E11		215	16.58	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
CUST591	320	205074609	0.11	0.32	0.250	10.750	840	43.00	FBE	3/14/2002	1148	3	SERV	TC	I5	E11		215	16.58	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
CUST591	325	205074605	0.32	0.33	0.365	10.750	840	35.34	FBE	3/14/2002	29	3	SERV	TC	I5	E11		215	16.61	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
CUST591	329	205074604	0.33	0.33	0.280	6.625	840	28.39	FBE	3/14/2002	16	3	SERV	TC	I5	E11		133	12.36	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
CUST591	138	205121253	0.02	0.07	-0.156	4.500	500	-20.60		1/1/1975	267	3	SERV	TI	I5	E15	E10	70	22.58	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/16/2015		
CUST591	140	205094086	0.07	0.10	-0.141	6.625	-500	-61.18			170	-3	SERV	TI	I5	E15	E10	103	37.62	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/16/2015		
CUST591	101	205093871	0.00	0.00	0.156	6.625	890	45.00	TAPE	1/1/1983	23	3	SERV	TC	I5	E15	E10	137	21.47	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/16/2015		
CUST591	102	205093873	0.00	0.07	-0.156	6.625	-500	-30.33	STL	1/1/2000	339	3	SERV	TC	I5	E15	E10	103	22.38	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/16/2015		
CUST591	230	205121259	0.12	0.16	0.188	6.625	-890	-37.34		1/1/1990	220	3	SERV	TC	I5	E15	E10	137	23.94	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/16/2015		
CUST592	103	205161309	0.08	0.21	-0.141	2.375	-865	-50.59		1/1/1962	649	3	SERV	TC	I5	E15	E10	49	30.90	Yes	No	No	Yes	No	Yes	Yes	No	Yes	11/5/2015			
CUST594	501	205121262	0.00	0.19	0.188	8.625	400	21.85	TAPE	1/1/1991	991	3	SERV	TI	I5	E11		120	22.13	Yes	No	No	No	No	Yes	Yes	No	Yes	12/31/2011			
CUST594	502	205121263	0.19	0.22	0.188	8.625	400	21.85	TAPE	1/1/1991	169	3	SERV	TI	I5	E11		120	22.13	Yes	No	No	No	No	Yes	Yes	No	Yes	12/31/2011			
CUST595	101	205146604	0.00	0.00	-0.141	3.500	408	-35.17			1	3	SERV	T	I6	E16		50	27.54	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	6/11/2016			
CUST595	100.3	205123000	0.00	0.03	0.188	8.625	-408	-22.28		1/1/1974	146	3	SERV	TC	I5	E17	E10	121	22.24	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/19/2017			
CUST595	102.4	205123003	0.70	1.23	0.250	10.750	-408	-20.89		1/1/1992	2789	3	SERV	TC	I5	E17	E10	150	12.63	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/19/2017			
CUST595	103	205074863	1.23	1.93	0.156	6.625	-408	-20.63		1/1/1992	3674	3	SERV	TC	I5	E17	E10	93	16.56	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/19/2017			
CUST595	101.5	205143744	0.23	0.25	-0.172	8.625	-260	-18.63		1/1/1987	127	3	SERV	TC	I5	E12		96	25.52	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/17/2012			
CUST595	102	205122978	0.25	0.43	-0.141	8.625	-260	-22.72	STL	1/1/1987	943	3	SERV	TC	I5	E17	E10	97	20.70	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/19/2017			
CUST595	103	205122980	0.43	0.52	-0.141	8.625	-260	-22.72	STL	1/1/1987	492	3	SERV	TC	I5	E17	E10	97	20.70	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/19/2017			
CUST595	104	205154560	0.52	0.57	-0.141	8.625	-260	-22.72	STL	1/1/1987	259	3	SERV	TC	I5	E17	E10	97	20.70	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/19/2017			
CUST595	105	205143745	0.57	0.62	-0.172	8.625	-260	-18.63	STL	1/1/1987	261	3	SERV	TC	I5	E12		97	25.52	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/17/2012			
CUST595	101																															

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EQ PLAN	IC PLAN	SCC PLAN		
STUB1000	135.7	205163169	0.01	0.01	0.113	1.050	-400	-5.31		1/1/1994	1	1	SERV	TC	I1	E11		15	12.94	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011			
STUB1001	305.5	205163982	0.00	0.00	0.188	8.625	500	27.31	CONC	1/1/1997	5	3	DFM	T	I1	E15	E10	134	13.87	Yes	No	No	Yes	No	Yes	Yes	No	Yes	4/6/2015			
STUB1006	101	205154561	0.00	0.00	-0.141	8.625	-260	-22.72	STL	1/1/1987	13	3	SERV	TC	I5	E17	E10	97	20.70	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/19/2017			
STUB1010	100	205158193	0.00	0.00	0.172	8.625	610	36.42	TAPE	1/1/1980	3	3	LT	T	I2	E13	E06	148	19.73	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/2/2013		
STUB1010	100	205158190	137.29	137.29	0.188	8.625	610	33.32	TAPE	1/1/1972	3	3	LT	T	I2	E13	E06	148	19.73	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/2/2013		
STUB1015	551	205159776	0.00	0.00	0.250	12.750	250	21.25	HAA	1/1/1930	2	3	LT	T	I6	E17	E10	140	23.54	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/15/2017		
STUB1015	552	205159779	0.00	0.00	0.250	12.750	250	21.25	HAA	1/1/1930	2	3	LT	T	I6	E17	E10	140	23.54	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/15/2017		
STUB1022	551	205161809	0.00	0.00	0.156	6.625	500	25.28	TAPE	1/1/1992	2	3	SERV	TI	I5	E14	E07	103	14.50	Yes	No	No	Yes	No	Yes	Yes	No	Yes	2/19/2014			
STUB1027	551	205161133	0.00	0.00	-0.172	8.625	450	-26.86		1/1/1988	2	3	DFM	T	I5	E13	E06	127	21.78	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/30/2013		
STUB6024	551	205102661	0.00	0.00	-0.172	8.625	-375	-26.86			10	3	DFM	TI	I5	E11	E06	116	39.10	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	11/3/2011		
STUB6036	551	205090738	0.00	0.00	-0.141	8.625	-250	-39.82			2	-3	LT	T	I5	E14	E07	95	25.60	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	3/15/2014			
STUB6042	551	205087352	0.00	0.00	0.172	8.625	250	14.92	TAPE	1/1/1987	3	3	LT	T	I5	E14	E07	95	19.59	Yes	No	No	No	No	Yes	Yes	No	Yes	3/15/2014			
STUB6043	551	205090750	0.00	0.00	0.172	8.625	400	23.88	TAPE	1/1/1977	2	3	LT	T	I5	E12		120	29.51	Yes	No	No	No	No	Yes	Yes	No	Yes	12/17/2012			
STUB6061	100	205099310	0.00	0.00	-0.141	-8.625	-200	-31.86			12	-3	DFM	TI	I5	E14	E07	85	30.30	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	9/19/2014		
STUB6070	551	205103084	0.00	0.00	-0.156	6.625	-375	-22.75			6	3	LT	T	I5	E11	E06	90	30.69	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	11/3/2011		
STUB6071	551	205102669	0.00	0.00	-0.313	-24.000	-375	-41.14			10	3	LT	T	I5	E11	E06	322	29.22	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	11/3/2011		
STUB6078	148.4	205101621	0.00	0.00	-0.313	-30.000	150	-20.57			3	3	LT	T	I1	E13	E07	254	26.64	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	2/17/2013		
STUB6082	264	205087814	0.00	0.00	-0.219	-16.000	412	-78.39			5	3	SERV	TI	I5	E12	E07	225	39.58	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	8/23/2012			
STUB6084	100	205152840	0.00	0.00	-0.281	-22.000	-375	-55.61		1/1/1969	3	-3	LT	T	I5	E14	E09	295	26.58	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	1/11/2014		
STUB6084	101	205152841	0.00	0.00	-0.281	-22.000	-375	-55.61		1/1/1969	3	-3	LT	T	I5	E14	E09	295	26.58	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	1/11/2014		
STUB6085	100	205152842	0.00	0.00	-0.281	-22.000	-375	-55.61			2	-3	LT	T	I5	E14	E09	295	29.96	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	1/11/2014		
STUB6085	101	205152843	0.00	0.00	-0.281	-22.000	-375	-55.61			4	-3	LT	T	I5	E14	E09	295	29.96	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	1/11/2014		
STUB6088	551	205153240	0.00	0.00	-0.172	8.625	-375	-26.86			1	3	LT	T	I5	E14	E07	116	31.12	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	9/29/2014		
STUB6088	552	205153241	0.00	0.00	-0.172	8.625	-375	-26.86			8	3	LT	T	I5	E14	E07	116	31.12	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	9/29/2014		
STUB6088	552	205153238	0.00	0.00	-0.172	8.625	-375	-26.86			1	3	LT	T	I5	E14	E07	116	31.12	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	9/29/2014		
STUB6088	553	205153239	0.00	0.00	-0.172	8.625	-375	-26.86			10	3	LT	T	I5	E14	E07	116	31.12	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	9/29/2014		
STUB6089	100	205093949	0.00	0.00	-0.281	-22.000	-497	-73.70			2	-3	SERV	TI	I5	E17		339	39.38	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	11/19/2017		
STUB6091	301	205078915	0.00	0.00	0.280	6.625	720	24.34	TAPE	12/20/1991	14	3	LT	T	I1	E15	E10	124	9.42	Yes	No	No	No	No	Yes	Yes	No	Yes	12/19/2015			
STUB6098	200	205083816	0.00	0.00	-0.141	-8.625	-400	-63.72			5	-3	LT	TI	I5	E11	E08	120	32.62	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/31/2011			
STUB6099	212	205083652	0.00	0.00	-0.141	-8.625	-400	-40.78		1/1/1948	5	-3	LT	T	I5	E14	E08	120	28.09	Yes	No	No	Yes	No	Yes	Yes	No	Yes	8/4/2014			
STUB6107	121	205086096	0.00	0.00	-0.203	-12.750	-400	-35.89			5	-3	LT	TI	I1	E11		177	30.07	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/31/2011			
STUB6110	321.9	205078870	12.79	12.79	0.375	12.750	720	34.97	TAPE	1/1/1991	3	3	LT	T	A9	E15	E10	237	8.23	Yes	No	No	No	No	Yes	Yes	No	Yes	4/6/2015			
STUB6113	100	205090665	0.00	0.00	0.281	12.750	720	38.89	TAPE	1/18/2001	4	3	LT	T	A1	E15	E10	237	5.48	Yes	No	No	No	No	Yes	Yes	No	Yes	4/6/2015			
STUB6113	101	205090596	0.00	0.00	0.250	12.750	720	43.71	HAA	1/1/1974	8	3	LT	T	A1	E15	E10	237	7.51	Yes	No	No	No	No	Yes	Yes	No	Yes	4/6/2015			
STUB6142	100	205098880	0.00	0.00	-0.281	-24.000	-400	-64.70		1/1/1969	5	-3	LT	T	A5	E14	E09	332	29.07	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/7/2014		
STUB6157	101	205091498	0.00	0.01	-0.172	8.625	-475	-34.03		1/1/1985	45	-3	LT	T	I9	E12		131	31.47	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
STUB6158	101	205091504	0.00	0.00	-0.141	4.500	478	-21.79			5	-3	LT	T	I1	E14	E07	69	34.92	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	5/2/2014		
STUB6164	551	205095043	0.00	0.00	-0.141	-3.500	-245	-21.12			5	-3	DFM	T	I5	E11		39	28.21	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/31/2011			
STUB6173	551	205078621	0.00	0.00	-0.156	-6.625	500	-30.33			8	-3	DFM	TI	I5	E14	E07	103	30.54	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	3/7/2014			
STUB6181	100.3	205074238	0.00	0.04	-0.203	12.750	-408	-36.61		1/1/1954	221	-3	DFM	T	I5	E16	E09	179	25.18	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/3/2014			
STUB6188	229	205148933	0.00	0.00	-0.141	2.375	720	-40.43		1/1/1972	4	3	DFM	TI	I5	E16	E09	45	22.65	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/3/2014			
STUB6188	230	205148934	0.00	0.00	-0.141	2.375	720	-40.43		1/1/1972	16	3	DFM	TI	I5	E16	E09	45	22.65	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/3/2014			
STUB6190	551	205078519	0.00	0.00	-0.172	-8.625	-500	-35.82			3	-3	LT	T	I5	E14	E07	134	31.04	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	3/7/2014			
STUB6203	801	205081968	0.00	0.00	-0.188	-10.750	303	-24.75			7	-3	DFM	TI	I1	E17	E10	130	26.60	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	4/27/2017		
STUB6205	317.3	205082141	0.00	0.00	0.322	8.625	400	15.31	TAPE	1/1/1968	5	3	LT	T	I1	E13	E06	120	16.96	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2013		
STUB6205	317.4	205082142	0.00	0.00	0.148	4.500	400	17.37	TAPE	1/1/1968	3	3	LT	T	I1	E13	E06	63	20.70	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2013		
STUB6211	209	205083331	0.00	0.03	-0.141	8.625	350	-65.75			154	3	DFM	T	I5	E11	E06	112	34.70	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	11/30/2011		
STUB6244	440	205100059	0.00	0.01	0.505	34.000	555	31.14	FBE	11/30/2002	48	3	BB	T	I5	E14	E07	554	23.53	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/19/2014		
STUB6265	309	205094064	0.76	0.76	0.188	6.625	8																									

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN		
STUB7535	100	205118944	0.00	0.00	0.219	6.625	365	15.77	HAA	1/1/1930	3	3	LT	T	I1	E14	E07	88	31.09	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	8/12/2014			
STUB7540	111	205118945	0.00	0.00	0.219	10.750	365	17.23	TAPE	1/1/1989	6	3	LT	T	I1	E14	E07	142	21.12	Yes	No	No	No	No	Yes	Yes	No	Yes	8/12/2014			
STUB7554	101	205122152	2.10	2.10	0.219	12.750	303	21.00	HAA	1/1/1957	1	3	DFM	T	I1	E11		154	20.05	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011			
STUB7555	102	205122155	0.00	0.00	0.219	12.750	303	21.00	HAA	1/1/1957	1	3	DFM	T	I1	E11		154	20.05	Yes	No	No	Yes	No	Yes	Yes	No	Yes	12/31/2011			
STUB7586	101	205121573	0.02	0.02	-0.141	2.375	450	-26.32		1/1/1957	10	3	SERV	TI	I5	E13	E06	36	24.10	Yes	No	No	Yes	No	Yes	Yes	No	Yes	10/30/2013			
STUB7761	102	205123625	0.00	0.00	0.237	4.500	400	26.37		1/1/1949	1	3	DFM	T	I1	E14	E07	63	28.65	Yes	No	No	Yes	No	Yes	Yes	No	Yes	5/3/2014			
STUB7784	100	205075326	0.00	0.00	-0.141	-3.500	-408	-33.76			10	-3	SERV	T	I5	E14		49	27.54	Yes	No	No	Yes	Yes	Yes	No	No	Yes	9/20/2015			
STUB7838	551	205125719	0.00	0.00	0.188	8.625	450	24.58	FBE	8/31/2004	9	3	DFM	T	I1	E17	E10	127	16.85	Yes	No	No	No	No	Yes	Yes	No	Yes	12/15/2017			
STUB7911	551	205125016	0.05	0.06	-0.140	1.660	-800	-32.94			20	3	SERV	TI	I8	E15	E10	33	28.94	Yes	No	No	Yes	Yes	Yes	No	No	Yes	12/19/2015			
STUB7912	551	205126137	0.04	0.04	-0.203	12.750	-408	-36.61		1/1/1956	2	-3	DFM	TI	B5	E17	E10	179	22.95	Yes	No	No	Yes	No	Yes	No	No	Yes	12/19/2017			
STUB7941	551	205152896	0.00	0.00	-0.141	4.500	-450	-49.87		1/1/1941	1	3	LT	TI	A1	E13	E10	67	33.22	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	3/3/2013			
STUB7941	552	205152897	0.00	0.00	-0.141	4.500	-450	-49.87		1/1/1941	1	3	LT	TI	A1	E13	E10	67	33.22	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	3/3/2013			
STUB7942	551	205152898	0.00	0.00	-0.141	4.500	-450	-49.87		1/1/1941	1	3	LT	TI	A1	E13	E10	67	33.22	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	3/3/2013			
STUB7942	552	205152899	0.00	0.00	-0.141	4.500	-450	-49.87		1/1/1941	1	3	LT	TI	A1	E13	E10	67	33.22	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	3/3/2013			
STUB7978	101	205125255	0.00	0.01	0.365	10.750	500	21.04	TAPE	11/30/2004	37	3	BB	T	B1	E15	E10	167	17.15	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
STUB7977	100	205126453	0.00	0.00	0.375	24.000	500	26.67	FBE	11/30/2004	12	3	BB	T	B1	E15	E10	371	20.02	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
STUB7977	101	205126454	0.00	0.01	0.375	24.000	500	26.67	TAPE	11/30/2004	56	3	BB	T	B1	E15	E10	371	20.02	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2015		
STUB8198	551	205127702	0.00	0.00	0.375	16.000	408	20.72	TAPE	1/1/1991	5	3	DFM	T	I5	E16	E09	224	10.93	Yes	No	No	No	No	Yes	Yes	No	No	Yes	9/21/2016		
STUB8203		205126649	0.00	0.00	-0.156	6.625	-600	-36.40		1/1/1975	3	3	BB	TI	I5	E12		113	29.68	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/17/2012		
STUB8265	101	205129156	0.00	0.00	0.156	6.625	400	24.27		1/1/1964	1	3	DFM	T	I8	E13		92	30.84	Yes	No	No	Yes	No	Yes	Yes	No	Yes	3/1/2013			
STUB8268	102	205129158	0.00	0.00	0.280	6.625	400	13.52	TAPE	10/6/2005	1	3	DFM	T	I8	E13		92	13.67	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	3/1/2013		
STUB8270	101	205129148	0.00	0.00	0.156	6.625	400	20.22		1/1/1980	1	3	DFM	T	I1	E14	E07	92	22.59	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/3/2014		
STUB8270	102	205129150	0.00	0.00	0.280	6.625	400	13.52	TAPE	10/6/2005	1	3	DFM	T	I1	E14	E07	92	16.27	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/3/2014		
STUB8271	102	205128740	0.00	0.00	0.188	6.625	400	20.14		1/1/1966	3	3	DFM	T	I1	E14	E07	92	20.98	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/3/2014		
STUB8383	102	205131029	0.01	0.00	0.375	16.000	-500	-25.40	HAA	1/1/1955	2	3	DFM	TI	I5	E15	E10	248	8.15	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015		
STUB8415	117	205131128	0.00	0.00	0.375	16.000	500	25.40	HAA	1/1/1991	4	3	LT	T	I6	E12		248	13.51	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/17/2012		
STUB8458	551	205129552	0.00	0.00	-0.172	-8.625	-500	-35.82			5	-3	DFM	TI	I9	E15	E10	134	27.99	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	4/6/2015		
STUB8484	301	205131691	0.00	0.00	-0.141	4.500	120	-5.47			2	3	DFM	TI	I1	E12	E07	35	37.42	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/6/2012		
STUB8485	301	205131692	0.00	0.00	-0.141	3.500	411	-35.42			4	-3	DFM	TI	I1	E12	E07	50	40.21	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	10/6/2012		
STUB8500	100	205131799	0.00	0.00	-0.141	6.625	-450	-73.42			1	3	SERV	TI	I1	E15	E10	98	36.56	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/15/2015			
STUB8608	210	205131829	1.48	1.48	0.188	3.500	600	15.96	HAA	1/1/1963	2	-3	DFM	T	I5	E14	E07	60	23.37	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	2/19/2014		
STUB8626	551	205133380	0.00	0.00	0.250	12.750	400	29.14	HAA	1/1/1931	3	3	LT	T	I1	E11		177	26.84	Yes	No	No	Yes	Yes	Yes	No	No	Yes	12/31/2011			
STUB8627	551	205133377	0.00	0.00	0.250	12.750	400	29.14	HAA	1/1/1931	3	3	LT	T	I1	E11		177	26.84	Yes	No	No	Yes	Yes	Yes	No	No	Yes	12/31/2011			
STUB8628	551	205133390	11.35	11.35	0.250	12.750	400	29.14	HAA	1/1/1931	3	3	LT	T	I5	E11		176	31.29	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/31/2011		
STUB8629	551	205133393	11.37	11.37	0.250	12.750	400	29.14	HAA	1/1/1931	3	3	LT	T	I5	E11		176	31.29	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/31/2011		
STUB8663	100	205132759	0.00	0.00	0.141	8.625	250	31.86		1/1/1926	2	-3	LT	T	I9	E12		95	30.55	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/17/2012		
STUB8664	100	205132760	0.00	0.00	0.141	8.625	250	31.86		1/1/1926	2	-3	LT	T	I9	E12		95	30.55	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/17/2012		
STUB8665	100	205132761	0.00	0.00	-0.141	-8.625	250	-31.86			15	-3	LT	TI	I9	E12		95	29.60	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/17/2012		
STUB8686	100	205133495	0.00	0.00	0.365	10.750	792	33.32	TAPE	1/1/1970	3	3	LT	T	I1	E14	E07	209	15.79	Yes	No	No	No	No	Yes	Yes	No	No	Yes	1/14/2014		
STUB8694		205093053	9.62	9.62	-0.344	-24.000	-338	-28.09			25	-3	DFM	T	A9	E11		305	29.81	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes	12/31/2011			
STUB8698	202	205133538	0.00	0.00	0.188	6.625	-300	-12.59	HAA	1/1/1969	3	3	SERV	TP	I5	E14	E07	80	20.80	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	8/23/2014		
STUB8698	202	205133541	0.00	0.00	0.188	6.625	-300	-12.59	HAA	1/1/1969	5	3	SERV	TP	I5	E14	E07	80	20.80	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	3/27/2014		
STUB8704	100	205133587	0.00	0.00	0.188	6.625	500	20.98																								

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010-HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EQ PLAN	IC PLAN	SCC PLAN			
X10142	103	205158345	0.00	0.00	0.322	8.625	275	10.52	Protal 7200	7/9/2009	2	3	DFM	TP	I6	S12		100	11.91	Yes	No	No	No	No	Yes	Yes	Yes	Yes	No	Yes	12/17/2012		
X6328	115	205079989	0.00	0.01	0.281	12.750	-450	-30.38		1/1/1964	32	3	LT	T	I5	E13	E06	188	17.40	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	3/2/2013			
X6328-2	110	205079988	0.00	0.01	0.281	12.750	-450	-30.38		1/1/1964	33	3	LT	T	I5	E13	E06	188	17.40	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	3/2/2013			
X6335	117.3	205090213	0.00	0.02	0.281	12.750	-450	-30.38		1/1/1964	80	3	LT	T	I5	E13	E06	188	26.34	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	3/2/2013			
X6337	100	205163534	10.84	10.84	0.375	12.750	-450	-21.86		1/1/1985	6	3	LT	T	I1	E17	E10	188	14.86	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/15/2017			
X6337	101	205163536	10.84	10.84	0.375	12.750	-450	-21.86		1/1/1961	20	3	LT	T	I1	E17	E10	188	21.14	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/15/2017			
X6337	101	205163538	10.84	10.84	0.375	12.750	-450	-21.86		1/1/1961	15	3	LT	T	I1	E17	E10	188	21.14	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/15/2017			
X6337	102	205163537	10.84	10.84	0.375	12.750	-450	-21.86		1/1/1961	10	3	LT	T	I1	E17	E10	188	21.14	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/15/2017			
X6337	102	205163539	10.84	10.84	0.375	12.750	-450	-21.86		1/1/1961	9	3	LT	T	I1	E17	E10	188	21.14	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/15/2017			
X6338	101	205073940	16.66	16.66	-0.203	12.750	-450	-73.60			10	3	LT	T	I1	E15	E10	188	39.56	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/15/2015			
X6342	100	205073939	16.66	16.66	-0.203	12.750	-450	-73.60			10	3	LT	T	I1	E15	E10	188	36.58	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	12/15/2015			
X6378	502	205085546	0.00	0.00	0.313	16.000	405	19.94	HAA	1/1/1966	22	3	LT	T	A5	E13	E07	223	10.36	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	2/17/2013			
X6379	501	205098491	0.18	0.19	0.250	20.000	250	23.81	TAPE	1/1/1985	33	3	LT	T	A1	E13	E07	219	15.09	Yes	No	No	No	No	Yes	Yes	Yes	Yes	No	Yes	2/17/2013		
X6379	502	205098544	0.00	0.18	0.281	20.000	250	25.42		1/1/1965	972	3	LT	T	A1	E13	E07	219	21.47	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	No	Yes	2/17/2013		
X6379	503	205098493	10.35	10.35	-0.250	20.000	250	-30.30	HAA	1/1/1965	9	3	LT	T	A1	E13	E07	219	24.16	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	2/17/2013			
X6381	501	205136386	36.24	36.24	0.313	24.000	150	9.60	TAPE	1/1/1987	647	3	LT	T	I1	E13	E07	203	16.62	Yes	No	No	No	No	Yes	Yes	Yes	Yes	No	Yes	2/17/2013		
X6381	502	205136387	36.24	36.24	0.313	24.000	150	9.60	TAPE	1/1/1987	3	3	LT	T	I1	E13	E07	203	15.78	Yes	No	No	No	No	Yes	Yes	Yes	Yes	No	Yes	2/17/2013		
X6384	501	205163144	0.00	0.00	0.375	12.750	400	19.43	TAPE	1/1/1998	3	3	LT	T	A5	E14	E07	177	9.09	Yes	No	No	No	No	Yes	Yes	Yes	Yes	No	Yes	9/29/2014		
X6384	502	205163145	0.00	0.00	0.375	12.750	400	19.43	TAPE	1/1/1998	12	3	LT	T	A5	E14	E07	177	9.09	Yes	No	No	No	No	Yes	Yes	Yes	Yes	No	Yes	9/29/2014		
X6384	503	205163142	0.00	0.00	0.375	12.750	400	19.43	TAPE	1/1/1998	11	3	LT	T	A5	E14	E07	177	9.09	Yes	No	No	No	No	Yes	Yes	Yes	Yes	No	Yes	9/29/2014		
X6384	504	205163143	0.00	0.01	0.375	12.750	375	18.21	TAPE	1/1/1998	4	3	LT	T	A5	E14	E07	171	9.06	Yes	No	No	No	No	Yes	Yes	Yes	Yes	No	Yes	9/29/2014		
X6385	501	205163617	0.00	0.00	0.237	22.000	375	49.73	TAPE	1/1/1998	5	3	LT	T	A5	E12	E07	295	16.75	Yes	No	No	No	No	Yes	Yes	Yes	Yes	No	Yes	9/29/2012		
X6385	502	205163618	0.00	0.00	0.237	22.000	400	53.04	TAPE	1/1/1998	18	3	LT	T	A5	E12	E07	305	18.79	Yes	No	No	No	No	Yes	Yes	Yes	Yes	No	Yes	9/29/2012		
X6393	501	205092873	0.00	0.00	0.313	12.750	510	29.73	HAA	1/1/1946	6	3	BB	T	I5	E17	E10	200	24.37	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	9/6/2017			
X6393	502	205092871	0.00	0.00	0.437	12.750	510	21.26	SOMA	1/1/1962	2	3	BB	T	I5	E17	E10	200	14.62	Yes	No	No	No	No	Yes	Yes	Yes	Yes	No	Yes	9/6/2017		
X6393	503	205134735	0.00	0.00	0.437	12.750	510	21.26	SOMA	1/1/1962	6	3	BB	T	I5	E17	E10	200	14.73	Yes	No	No	No	No	Yes	Yes	Yes	Yes	No	Yes	9/6/2017		
X6393	504	205092872	0.00	0.00	0.313	12.750	510	29.73	HAA	1/1/1946	6	3	BB	T	I5	E17	E10	200	24.37	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	9/6/2017			
X6394	501	205161168	0.05	0.05	0.220	8.625	200	-11.20		1/1/1953	10	3	LT	T	I1	E14	E07	85	24.31	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	1/24/2014			
X6394	502	205161169	0.05	0.05	0.220	8.625	792	-44.36		1/1/1953	9	3	LT	T	I1	E14	E07	168	28.80	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	1/24/2014			
X6395	571	205078946	0.00	0.00	-0.203	12.750	720	-117.76			19	3	LT	T	I1	E15	E10	237	33.21	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/19/2015			
X6395	572	205078948	0.00	0.00	0.375	12.750	720	34.97	TAPE	1/18/2001	2	3	LT	T	I1	E14	E07	237	12.01	Yes	No	No	No	No	Yes	Yes	Yes	No	No	Yes	1/24/2014		
X6395	573	205078947	0.00	0.02	0.375	12.750	720	34.97			107	3	LT	T	I1	E14	E07	237	14.27	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	1/24/2014			
X6395	581	205078920	9.60	9.60	-0.203	12.750	720	-117.76			9	3	LT	T	I1	E15	E10	237	33.21	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/19/2015			
X6397	501	205123256	0.00	0.03	-0.141	-8.625	-400	-63.72			139	3	LT	TI	I5	E11		120	42.27	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/31/2011			
X6397	502	205123260	0.03	0.03	0.250	8.625	400	16.43	TAPE	2/15/2004	4	3	LT	TP	I5	E11		120	18.19	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011			
X6397	503	205123259	0.03	0.03	-0.141	-8.625	-400	-63.72			7	3	LT	TI	I5	E11		120	42.27	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	12/31/2011			
X6397	504	205123262	0.03	0.03	0.250	8.625	400	16.43	TAPE	2/15/2004	9	3	LT	TP	I5	E11		120	18.19	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011			
X6428	600	205100027	0.00	0.00	0.500	24.000	590	40.46	HAA	1/1/1955	15	3	BB	T	I5	E15	E10	403	32.01	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	9/1/2015			
X6428	605	205100108	0.00	0.01	0.375	30.000	590	45.38	HAA	1/1/1955	12	3	BB	T	I5	E15	E10	504	30.88	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	9/1/2015			
X6428	609	205100109	0.01	0.03	0.375	30.000	590	45.38	FBE	1/1/1955	154	3	BB	T	I5	E15	E10	504	30.88	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	9/1/2015			
X6428	615	205100110	0.03	0.04	0.375	30.000	590	45.38	WAX	1/1/1955	61	3	BB	T	I5	E15	E10	504	30.63	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	9/1/2015			
X6428	620	205100111	0.04	0.05	0.375	30.000	590	45.3																									



ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN		
X6460	101.2	205101593	17.65	17.65	0.500	20.000	150	8.57	HAA	1/1/1963	8	3	LT	T	I1	E12	E07	170	15.23	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/6/2012		
X6460	101.3	205101592	17.65	17.65	0.375	30.000	150	11.54	HAA	1/1/1963	8	3	LT	T	I1	E12	E07	254	15.89	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/6/2012		
X6460	101.4	205101639	17.65	17.67	0.375	30.000	150	11.54	HAA	1/1/1949	87	3	LT	T	I1	E12	E07	254	16.57	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	10/6/2012		
X6460	101.6	205101640	17.67	17.89	0.313	30.000	150	17.14	HAA	1/1/1963	1229	3	LT	T	I1	E12	E07	254	11.72	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/6/2012		
X6460	102	205101634	17.89	18.39	0.375	30.000	150	11.54	HAA	1/1/1963	2681	3	LT	T	I1	E12	E07	254	12.18	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/6/2012		
X6460	102.3	205101599	18.39	18.39	0.375	30.000	150	9.23	TAPE	1/1/1992	4	3	LT	T	I1	E12	E07	254	9.45	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/6/2012		
X6460	103.5	205101627	18.39	18.53	0.313	24.000	150	9.60	TAPE	1/1/1992	744	3	LT	T	I1	E12	E07	203	9.21	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/6/2012		
X6460	103.6	205101628	18.53	18.53	0.375	30.000	150	9.23	TAPE	1/1/1992	4	3	LT	T	I1	E12	E07	254	9.45	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/6/2012		
X6460	103.7	205101629	18.53	18.61	0.375	30.000	150	11.54	HAA	1/1/1963	415	3	LT	T	I1	E12	E07	254	12.18	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/6/2012		
X6460	104.0	205101600	18.61	18.61	0.375	30.000	150	9.23	TAPE	1/1/1992	4	3	LT	T	I1	E12	E07	254	9.45	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/6/2012		
X6460	104.4	205101601	18.61	18.68	0.313	24.000	150	9.60	TAPE	1/1/1992	543	3	LT	T	I1	E12	E07	203	6.96	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/6/2012		
X6460	104.7	205101602	18.68	18.68	0.375	30.000	150	9.23	TAPE	1/1/1992	4	3	LT	T	I1	E12	E07	254	7.14	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/6/2012		
X6460	106	205101730	18.68	19.27	0.375	30.000	150	11.54	HAA	1/1/1963	2929	3	LT	T	I1	E12	E07	255	12.18	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/6/2012		
X6460	107	205101733	19.27	19.28	0.312	30.000	150	13.87	HAA	1/1/1967	45	3	LT	T	I1	E12	E07	255	10.87	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/6/2012		
X6460	108	205101719	19.28	19.28	0.375	30.000	150	10.00	TAPE	1/1/1988	4	3	LT	T	I1	E12	E07	255	12.04	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/6/2012		
X6460	109	205101717	19.28	19.28	0.313	20.000	150	9.23	TAPE	1/1/1988	8	3	LT	T	I1	E12	E07	170	11.55	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/6/2012		
X6460	110	205101735	19.28	19.28	0.313	24.000	150	9.60	TAPE	1/1/1988	8	3	LT	T	I1	E12	E07	204	11.74	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	10/6/2012		
X6461	501	205136380	0.00	0.01	0.313	20.000	150	13.71	HAA	1/1/1949	48	3	LT	T	I6	E12		170	24.42	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
X6461	502	205136381	0.01	0.01	0.313	20.000	150	13.71	HAA	1/1/1949	6	3	LT	T	I6	E12		170	24.42	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	12/17/2012		
X6463	100.5	205160303	0.00	0.00	-0.172	8.625	-408	-29.23		1/1/1991	5	3	DFM	T	I5	E16	E09	121	22.26	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
X6463	101.5	205160305	0.00	0.01	-0.172	8.625	-408	-29.23		1/1/1991	40	3	DFM	T	I5	E16	E09	121	22.26	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
X6463	102.5	205160306	0.01	0.01	-0.172	8.625	-408	-29.23		1/1/1991	5	3	DFM	T	I5	E16	E09	121	22.26	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
X6466	173.4	205079020	0.00	0.04	-0.219	16.000	500	-52.19		1/1/1981	218	3	LT	T	I1	E15	E10	248	23.66	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/19/2015		
X6475	201	205082197	0.00	0.01	0.365	10.750	500	21.04	TAPE	1/1/1999	25	3	LT	T	I5	E13	E06	166	11.62	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	11/7/2013		
X6475	202	205139648	0.01	0.01	0.365	10.750	500	-26.30	TAPE	1/1/1998	41	3	LT	T	I5	E13	E06	166	11.62	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2013		
X6475	203	205139649	0.01	0.03	0.375	12.750	500	-44.27	TAPE	1/1/1998	71	3	LT	T	I5	E13	E06	197	11.23	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	11/7/2013		
X6485	208.3	205092618	3.86	3.86	0.347	30.000	600	49.88	XTRUPL	1/1/1972	7	3	LT	T	B5	E11		508	23.07	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	12/31/2011		
X6486	208.9	205092616	3.88	3.88	0.313	24.000	338	30.90	HAA	1/1/1977	9	3	LT	T	I5	E17	E10	305	16.60	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/1/2017		
X6511	700	205100024	0.00	0.00	0.312	24.000	555	35.58	WAX	1/1/2002	8	3	BB	T	I5	E14	E07	391	12.92	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/19/2014		
X6511	700.5	205100074	0.00	0.00	0.375	24.000	555	42.29		1/1/1958	2	3	BB	T	I5	E14	E07	391	21.43	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	9/19/2014		
X6511	701	205100073	0.00	0.09	0.375	30.000	555	42.69		1/1/1958	452	3	BB	T	I5	E14	E07	489	33.25	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	9/19/2014		
X6511	701.5	205099679	0.09	0.13	0.380	24.000	555	-53.11		1/1/1958	215	3	BB	T	I5	E12	E07	391	35.73	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	9/19/2012		
X6511	702	205099360	0.13	0.25	0.312	24.000	555	32.84	FBE	1/1/1997	654	3	BB	T	I5	E14	E07	391	15.93	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/19/2014		
X6511	703	205099361	0.25	0.29	0.375	24.000	555	29.60	PC	1/1/1997	194	3	BB	T	I5	E14	E07	391	18.29	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/19/2014		
X6511	704	205099362	0.29	0.34	0.312	24.000	555	32.84	FBE	1/1/1997	255	3	BB	T	I5	E14	E07	391	19.38	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/19/2014		
X6511	705	205160266	0.34	0.35	0.312	24.000	555	32.84	FBE	1/1/1997	64	3	BB	T	I5	E14	E07	391	21.85	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/19/2014		
X6511	706	205160267	0.35	0.35	0.312	24.000	555	32.84	FBE	1/1/1997	12	3	BB	T	I5	E14	E07	391	21.85	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	9/19/2014		
X6526	504	205123108	0.09	0.16	0.500	30.000	-668	-38.54	HAA	1/1/1967	344	1	BB	T	I5	E11	E07	536	19.20	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/1/2012		
X6526	504.4	205080563	0.16	0.22	0.375	30.000	-668	-76.34	HAA	1/1/1967	321	1	BB	T	I5	E11	E07	536	26.92	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/1/2012		
X6526	504.6	205080564	0.22	0.23	0.375	30.000	-668	-76.34	PAINT	1/1/1967	64	1	BB	T	I5	E11	E07	536	26.87	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/1/2012		
X6526	504.8	205080565	0.23	0.24	0.375	30.000	-668	-76.34	HAA	1/1/1967	70	1	BB	T	I5	E11	E07	536	26.92	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/1/2012		
X6526	505	205080488	0.24	0.24	0.375	24.000	-668	41.11	HAA	1/1/1976	9	1	BB	T	I5	E11	E07	429	19.31	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/1/2012		
X6526	506	205163139	0.24	0.26	0.375	24.000	-668	41.11	TAPE	1/1/1976	82	1	BB	T	I5	E11	E07	429	21.54	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/1/2012		
X6526	507	205163140	0.26	0.26	0.375	24.000	-668	41.11	TAPE	1/1/1976	23	1	BB	T	I5	E11	E07	429	21.54	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	5/1/2012		
X6533	501	205138047	0.00	0.00	0.500	20.000	620	29.52	HAA	1/1/1954	4	3	BB	T	I1	E14	E07	344	12.89	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	9/19/2014		
X6533	502	205138048	0.00	0.03	0.500	20.000	620	29.52	HAA	1/1/1954	174	3	BB	T	I1	E14	E07	345	12.89	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	9/19/2014		
X6533	503	205087673	0.03	0.04	0.500	20.000	620	29.52	HAA	1/1/1954	20	3	BB	T	I1	E14	E07	345	12.89	Yes	No	No	Yes	No	Yes	Yes	Yes	No	Yes	9/19/2014		
X6557	201	205148911																														

ROUTE	SEGMENT NO	GASMAPID	MP1	MP2	WALL THICK	OD	MOP	SMYS MOP	COAT TYPE	YEAR INSTALL	FOOTAGE	CLASS LOC	FAC TYPE	TRANS DEF	HCA ID	ASMT PLAN	LAST ASMT	IMP ZONE	2010 HCA RISK	EC THREAT	IC THREAT	SCC THREAT	MANUF THREAT	CONST THREAT	TP THREAT	IO THREAT	H3 THREAT	EC PLAN	IC PLAN	SCC PLAN		
X7588	100.3	205098182	0.00	0.00	-0.219	16.000	175	-18.26		1/1/1961	4	3	DFM	T	I5	E13		147	30.89	Yes	No	No	Yes	No	Yes	Yes	No	Yes	8/27/2016			
X7589	100.3	205098183	0.00	0.00	-0.219	16.000	175	-18.26		1/1/1961	4	3	DFM	T	I5	E13		147	30.89	Yes	No	No	Yes	No	Yes	Yes	No	Yes	8/27/2016			
X7781	501	205102425	0.00	0.02	0.188	8.625	400	21.85		1/1/1969	120	3	SERV	T	I5	E14	E07	120	25.74	Yes	No	No	Yes	No	Yes	Yes	No	Yes	9/29/2014			
X8170	501	205127634	0.00	0.00	0.280	6.625	-408	-13.79	FBE	6/14/2005	4	3	DFM	TP	I5	E16	E09	93	13.29	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
X8170	502	205127636	0.00	0.04	0.322	8.625	-408	-15.61	FBE	6/14/2005	197	3	DFM	TP	I5	E16	E09	121	13.49	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
X8170	503	205127637	0.04	0.04	0.322	8.625	-408	-15.61		6/14/2005	2	3	DFM	TP	I5	E16	E09	121	13.49	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
X8170	504	205150299	0.04	0.04	0.280	6.625	-408	-13.79	FBE	6/14/2005	9	3	DFM	TP	I5	E16	E09	93	13.29	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
X8170	505	205150300	0.04	0.04	0.280	6.625	-408	-13.79	FBE	6/14/2005	2	3	DFM	TP	I5	E16	E09	93	13.29	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/3/2014		
X8309	502	205091138	0.00	0.00	0.188	6.625	-425	-17.83	TAPE	10/24/2002	1	3	DFM	TP	I1	E15	E10	95	16.34	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
X8309	503	205129565	0.00	0.01	0.156	6.625	-425	-21.49	FBE	10/24/2002	52	3	DFM	T	I1	E15	E10	95	14.44	Yes	No	No	No	No	Yes	Yes	No	No	Yes	4/6/2015		
X8691	398	205095800	0.00	0.00	-0.172	-8.625	792	-56.74		1/1/1994	10	3	LT	TI	I1	E15	E10	168	24.39	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015		
X8691	399	205095801	0.00	0.00	-0.203	-12.750	792	-71.06		1/1/1994	5	3	LT	TI	I1	E15	E10	249	23.73	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	4/6/2015		
X8828	501	205134474	0.00	0.00	0.188	8.625	400	21.85	XTRUPL	1/1/1979	15	3	LT	T	I9	E11		120	23.40	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011		
X8828	502	205082562	0.00	0.01	0.156	6.625	400	20.22	XTRUPL	1/1/1979	30	3	LT	T	I9	E11		92	23.06	Yes	No	No	No	No	Yes	Yes	No	No	Yes	12/31/2011		
X9011	100.3	205150307	0.00	0.00	-0.172	8.625	-408	-29.23		1/1/1991	5	-3	DFM	T	I5	E16	E09	121	22.26	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
X9011	101.3	205150309	0.00	0.01	-0.172	8.625	-408	-29.23		1/1/1991	40	-3	DFM	T	I5	E16	E09	121	22.26	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		
X9011	102.3	205150310	0.01	0.01	-0.172	8.625	-408	-29.23		1/1/1991	5	-3	DFM	T	I5	E16	E09	121	22.26	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	12/3/2014		

ROUTE	STATION_NAME	Risk Rank	PGE AREA	PGE DIVISION	Last Assessment	Planned Assessment	Station Footage	Station Phase II	Station Phase III	HCA ID Method	Planned Survey	Revised (Phase 3)	First Dig Date	Completed
300B	7A/7B	H	3	San Jose	2008	2015	552	12/31/2007	12/15/2007	II	2007	2008	2/15/2007	11/18/08
DREG4015	9th & Yuba St Msv	H	6	Sierra	2008	2015	41	12/31/2007	12/15/2007	II	2007	2008	2/15/2007	11/18/08
7221-10,72	Coffee & Claratina	H	5	Yosemite/Modesto	2008	2015	433	12/31/2007	12/15/2007	II	2007	2008	2/15/2007	11/18/08
116	Davis(DREG)	H	6	Sacramento	2008	2015	69	12/31/2007	12/15/2007	II	2007	2008	2/15/2007	11/18/08
300B	Hinckley	H	4	Kern	2008	2015	2544	12/31/2007	12/15/2007	II	2007	2008	2/15/2007	11/18/08
301A	Hollister	H	3	Central Coast	2008	2015	2188	12/31/2007	12/15/2007	II	2007	2008	2/15/2007	11/18/08
DREG	Hutchins & Elm	H	5	Stockton	2008	2015	58	12/31/2007	12/15/2007	II	2007	2008	2/15/2007	11/18/08
107	Irvington	H	2	Mission	2008	2015	4625	12/31/2007	12/15/2007	II	2007	2008	2/15/2007	11/18/08
142N	Kern Tap(DCUST)	H	4	Kern	2008	2015	211	12/31/2007	12/15/2007	II	2007	2008	2/15/2007	11/18/08
	McDonald Island	H	3	Stockton	2008	2015	40	12/31/2007	12/15/2007	II	2007	2008	2/15/2007	11/18/08
300A	Milpitas Terminal	H	3	San Jose	2008	2015	4947	12/31/2007	12/15/2007	II	2007	2008	2/15/2007	11/18/08
DREG	Miner & "D" St	H	5	Stockton	2008	2015	58	12/31/2007	12/15/2007	II	2007	2008	2/15/2007	11/18/08
GCUST	Potrero Power	H	1	San Francisco	2008	2015	40	12/31/2007	12/15/2007	II	2007	2008	2/15/2007	11/18/08
0126-01	Rumrill &	H	2	East Bay	2008	2015	40	12/31/2007	12/15/2007	II	2007	2008	2/15/2007	11/18/08
DREG	Salinas Rd &	H	3	Central Coast	2008	2015	40	12/31/2007	12/15/2007	II	2007	2008	2/15/2007	11/18/08
1818-01	Santa Cruz UGS,	H	3	Central Coast	2008	2015	12000	12/31/2007	12/15/2007	II	2007	2008	2/15/2007	11/18/08
7226-01,72	Santa Fe & Claus	H	5	Yosemite/Modesto	2008	2015	290	12/31/2007	12/15/2007	II	2007	2008	2/15/2007	11/18/08
DREG	Santa Inez W/o	H	1	Peninsula	2008	2015	40	12/31/2007	12/15/2007	II	2007	2008	2/15/2007	11/18/08
DREG	Sf Gas Load	H	1	San Francisco	2008	2015	544	12/31/2007	12/15/2007	II	2007	2008	2/15/2007	11/18/08
7222-01	Turlock(DREG)	H	5	Yosemite/Modesto	2008	2015	128	12/31/2007	12/15/2007	II	2007	2008	2/15/2007	11/18/08
DREG	Ukiah(DREG)	H	7	North Bay	2008	2015	40	12/31/2007	12/15/2007	II	2007	2008	2/15/2007	11/18/08
215	West Ave	H	5	Yosemite/Modesto	2008	2015	261	12/31/2007	12/15/2007	II	2007	2008	2/15/2007	11/18/08
X6430	Whishman &	H	3	De Anza	2008	2015	52	12/31/2007	12/15/2007	II	2007	2008	2/15/2007	11/18/08
DREG	2nd St & Brush	L	2	East Bay		2010	0	verify that		II	2011	2012		
DREG	50th Ave(DREG)	L	2	East Bay		2010	154			II	2009	2010	4/21/2010	4/24/2010
	Antioch Terminal	L	2	Diablo		2010	516			II	2008	2010	1/14/2010	1/14/2010
191,SP3	Antioch Town	L	2	Diablo		2010	4			II	2009	2010	4/21/2010	4/24/2010
105N	Bay Region	L	2	East Bay		2010	500			II	2009	2010	4/21/2010	4/24/2010
DREG	Bockman & Via	L	2	Mission		2010	0	verify that		II	2011	2012		
002,114,13	Brentwood	L	2	Diablo		2010	48			II	2011	2012		
177B,136,0	Butte	L	6	North Valley/S		2010	886			II	2008	2010	1/14/2010	1/14/2010
SP3,191	C Street	L	2	Diablo		2010	0	verify that		II	2011	2012		
191	Clayton	L	2	Diablo		2010	54			II	2008	2010	1/14/2010	1/14/2010
153	Coral Rd & Tunis	L	2	East Bay		2010	0	verify that		II	2011	2012		
,021H, 105	Crockett	L	2	East Bay		2010	87			II	2008	2010	1/14/2010	1/14/2010
105B-2	Crockett Cogen	L	2	East Bay		2010	0	verify that		II	2011	2012		
3017-01	Danville # 2	L	2	Diablo		2010	0	verify that		II	2008	2010	1/14/2010	1/14/2010
DREG	EI	L	2	East Bay		2010	0	verify that		II	2009	2010	4/21/2010	4/24/2010
153	Fairway Ave	L	2	Mission		2010	206			II	2009	2010	4/21/2010	4/24/2010
DREG	Hayward E/o EI	L	1	Peninsula		2010	140			II	2009	2010	4/21/2010	4/24/2010
DREG	LaCassie(DREG)	L	2	Diablo		2010	0	verify that		II	2008	2010	1/14/2010	1/14/2010
220,172A	Line 172A & 220	L	6	Sacramento		2010	128			II	2008	2010	1/14/2010	1/14/2010
153	Marina Blvd	L	2	Mission		2010	113			II	2009	2010	4/21/2010	4/24/2010
132,132B	Martin Station	L	1	Peninsula		2010	125			II	2008	2010	1/14/2010	1/14/2010
119A,119B,	North Sacramento	L	6	Sacramento		2010	96300			II	2008	2010	1/14/2010	1/14/2010
DREG	Olympic	L	2	Diablo		2010	98			II	2008	2010	1/14/2010	1/14/2010
DREG	Plaza(DREG)	L	2	Diablo		2010	44			II	2008	2010	1/14/2010	1/14/2010
114	Raymond Rd	L	2	Mission		2010	0	verify that		II	2011	2012		
101	Region Border	L	1	Peninsula		2010	10			II	2009	2010	4/21/2010	4/24/2010
109	Region Border	L	1	Peninsula		2010	10			II	2009	2010	4/21/2010	4/24/2010
132	Region Border	L	1	Peninsula		2010	10			II	2009	2010	4/21/2010	4/24/2010

ROUTE	STATION_NAME	Risk Rank	PGE AREA	PGE DIVISION	Last Assessment	Planned Assessment	Station Footage	Station Phase II	Station Phase III	HCA ID Method	Planned Survey	Revised (Phase 3)	First Dig Date	Completed
119C,119B	Roseville Road	L	6	Sacramento		2010	496			II	2008	2010	1/14/2010	1/14/2010
172A	Sacramento	L	6	Sacramento		2010	555			II	2008	2010	1/14/2010	1/14/2010
105N	San Lorenzo	L	2	Mission		2010	44			II	2009	2010	4/21/2010	4/24/2010
0211-01	Sanchez E/o	L	1	Peninsula		2010	90			II	2009	2010	4/21/2010	4/24/2010
2408-05	Santa Rita DFM	L	2	Mission		2010	0	verify that		II	2011	2012		
109	Sierra Vista	L	3	De Anza		2010	7			II	2008	2010	1/14/2010	1/14/2010
	Sierra Vista Cross	L	3	De Anza		2010	0	verify that		II	2008	2010	1/14/2010	1/14/2010
191,SP3	SP3/L191	L	2	Diablo		2010	34			II	2008	2010	1/14/2010	1/14/2010
109	Sullivan Ave	L	1	Peninsula		2010	85			II	2008	2010	1/14/2010	1/14/2010
2405-01	Warm Springs &	L	2	Mission		2010	20			II	2009	2010	4/21/2010	4/24/2010
3010-01	Wilbur Ave	L	2	Diablo		2010	60			II	2008	2010	1/14/2010	1/14/2010
301F	8th St & 1st Ave	L	3	Central Coast		2010	60			II	2010	2011		
138B	Adams & Elm	L	4	Fresno		2010	64			II	2010	2011		
142N,142S	Bakersfield	L	4	Kern		2010	270			II	2010	2011		
8807-01	C20 Reg Sta-	L	3	De Anza		2010	0	verify that		II	2011	2012		
GCUST	Cal Pine Peaking	L	3	Central Coast		2010	318			II	2010	2011		
103	California St,	L	3	Central Coast		2010	27			II	2010	2011		
GCUST	Calpine Power	L	3	San Jose		2010	52			II	2010	2011		
DREG	Cherry Station	L	4	Fresno		2010	40			II	2010	2011		
138C	Chestnut & Clay	L	4	Fresno		2010	250			II	2010	2011		
DREG	Ellis & 132	L	3	De Anza		2010	20			II	2010	2011		
1813-02,18	Figuroa &	L	3	Central Coast		2010	90			II	2010	2011		
300A	Fontanoso	L	3	San Jose		2010	239			II	2010	2011		
111A	Fresno (Gas Load	L	4	Fresno		2010	589			II	2010	2011		
109	Milpitas	L	3	San Jose		2010	50			II	2010	2011		
DREG4731	Morse & Glendale	L	3	De Anza		2010	10			II	2010	2011		
132	Palo Alto #2	L	3	De Anza		2010	40			II	2010	2011		
DREG	Pastoria & TH132	L	3	De Anza		2010	40			II	2010	2011		
GCUST	Sunnyvale	L	3	De Anza		2010	40			II	2010	2011		
	Tully Rd	L	3	San Jose		2010	123			II	2010	2011		
DREG	White Ln & Wible	L	4	Kern		2010	20			II	2010	2011		
0611-05	20th Ave & Martin	L	6	Sacramento		2011	60			II	2011	2012		
108	Airport Way &	L	5	Stockton		2011	83			II	2011	2012		
DREG4091	Blue Ravine &	L	6	Sacramento		2011	60			II	2011	2012		
DREG4089	Folsom Auburn Rd	L	6	Sacramento		2011	40			II	2011	2012		
DREG	Ham & Turner	L	5	Stockton		2011	40			II	2011	2012		
GCUST	Ingomar Packing	L	5	Yosemite/Merced		2011	38			II	2011	2012		
DREG	Kiernan Rd & Hwy	L	5	Yosemite/Modesto		2011	15			II	2011	2012		
119B	Line 119 Valves	L	6	Sacramento		2011	25			II	2011	2012		
118A	Livingston(dreg)	L	5	Yosemite/Merced		2011	64			II	2011	2012		
	McDonald	L	5	Stockton		2011	3000			II	2011	2012		
GCUST5955	MID Generation	L	5	Yosemite/Modesto		2011	103			II	2011	2012		
DCUST	Owens Illinois	L	5	Stockton		2011	10			II	2011	2012		
DREG	Rd 98 & West	L	6	Sacramento		2011	263			II	2011	2012		
402	Redding (Meter	L	6	North Valley/N		2011	73			II	2011	2012		
108	Sierra Nevada St	L	5	Stockton		2011	10			II	2011	2012		
GCUST	Simplot	L	5	Stockton		2011	40			II	2011	2012		
GCUST	Siskiyou Forest	L	6	North Valley/N		2011	57			II	2011	2012		
DREG	South/center	L	6	North Valley/N		2011	10			II	2011	2012		
210B	Suisun-Fairfield	L	6	Sacramento		2011	0	verify that		II	2011	2012		
1611-03	Swain Rd & Tam	L	5	Stockton		2011	140			II	2011	2012		



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DREG	W. 15TH and	L	5	Yosemite/Merced		2011	20				2011	2012		
1641-01	Waterloo &	L	5	Yosemite/Modesto		2011	166				2011	2012		
7225-01	Whitmore Ave &	L	5	Yosemite/Modesto		2011	158				2011	2012		
137B	Arcata	L	7	North Coast		2012	215				2012	2012		
123	Baseline Rd Reg	L	6	Sierra/Roseville		2012	0	verify that			2012	2012		
GCUST	CalPine,Yuba City	L	6	Sierra		2012	44				2012	2012		
DREG	Cloverdale Pit	L	7	North Coast		2012	320				2012	2012		
DREG	Coronel Ave(	L	7	North Bay		2012	60				2012	2012		
1303-01	Cotati Regulator	L	7	North Coast		2012	60				2012	2012		
300A	Fenced Lot	L	6	Sierra		2012	0	verify that			2012	2012		
021H	Herrmann	L	7	North Bay		2012	141				2008	2010	1/14/2010	1/14/2010
DREG	Industrial Way N/o	L	7	North Bay		2012	124				2012	2012		
021D	Madrone Ave	L	7	North Coast		2012	70				2012	2012		
DREG	Marin Wood (Miller	L	7	North Bay		2012	20				2012	2012		
021H,021B,	Napa Y	L	7	North Bay		2012	370				2008	2010	1/14/2010	1/14/2010
0407-01	Pine St	L	7	North Bay		2012	10				2012	2012		
DREG	Piner Rd Pit	L	7	North Coast		2012	130				2012	2012		
021G	San Rafael	L	7	North Bay		2012	214				2012	2012		
021E	Santa Rosa	L	7	North Coast		2012	751				2008	2010	1/14/2010	1/14/2010
0617-06	Saratoga Rd EI	L	6	Sierra		2012	66				2012	2012		
021E	Willits	L	7	North Coast		2012	56				2008	2010	1/14/2010	1/14/2010
121	YUBA CITY UGS	L	6	Sierra		2012	26798				2012	2012		
300A,300B	Topok	L	4	Topock		2011	2300				2010	2011		
300A,300B	Kettleman	L	5	Kettleman		2011	2767				2010	2011		
131	131 tie-in to Launcher/Rcvr in Irvington Station	H	2	Mission		2011	127				2010	2011		
118D	Bradbury Rd	L	5	Yosemite		2012	75					2012		
DREG4454	Y A61	L	5	Yosemite		2012	40					2012		
1518 b3	Rosville Electric Energy Park	L	6	Sierra		2012	150					2012		
119,123	Antelope	L	6	Sacramento		2012	160					2012		
DCUST10030	Campbell Soup	L	6	Sacramento		2014	125					2014		
1004 01	Orland Tertihart	L	6	North Valley		2015	40					2015		
DREG5052	7th & L St	L	7	North Coast		2015	40					2015		
0609 b2	Florin Rd & Munson	L	6	Sacramento		2016	40					2016		
DREG5261	Woodlark Dr/ N/O State Hwy 12	L	7	North Bay		2017	80					2017		
021C	Hwy 101 & Old Redwood Hwy	L	7	North Coast		2017	200					2017		
177A	Corning(DREG)	L	6	North Valley		2017	100					2017		
DREG4339	Wilmington Se/o Jefferson	L	3	Penninsula		2019	40					2019		

IMA NAME	Designation of Integrity Management Area Name. Not used in threat analysis. Included for reference in preparing the BAP.
ROUTE	Designation given to the pipeline. Not used in risk calculations or threat analysis. Used for reference.
SEGMENT NO	Unique segment identifier
GASMAPID	GIS Unique segment identifier
MP1	Beginning Mile Post for that Pipe Segment. Not used in threat analysis. Included for future reference.
MP2	Ending Mile Post for that Pipe Segment. Not used in threat analysis. Included for future reference.
WALL THICK	Pipe wall (Inches)
OD	Outside Diameter of Pipe (Inches)
MOP	Maximum Operating Pressure (psig)
SMYS MOP	Ratio of operating pressure stress to that of SMYS
COAT TYPE	Coating Type Coded as UNK, WAX, BARE, COAL TAR, CONC, FBE, HAA, MECH, PAINT, PC, PCJ, PL, SOMA, STL, TAPE, XTRUPL, and Blank
YR INSTALL	Year pipe was installed (Date)
FOOTAGE	Length of Pipe Segment in Feet. Not used in threat analysis. Included for reference in mitigation considerations.
CLASS LOC	Present Class (Text)
FAC TYPE	Facility Type. Not used in threat analysis.
TRANS DEF	Coding to identify transmission lines meeting the definition of Part 192. Not used in threat analysis. Included for future reference. Also used to identify those segments the California State Lands Commission has required be included in the BAP.
HCA ID	Code for designation as an High Consequence Area, the reason, and the individual who identified it. Not used in threat analysis. Included for future reference.
ASMT PLAN	Coded alpha-numeric expression that designates the integrity assessment type and year the assessment is to be performed. The left alpha character represents the type of assessment (E- ECDA, I-ILI, R-Replace, P-Pressure Test) and the right two numbers
LST ASMT	Code to designate when and how the last integrity assessment was performed. Not used in threat analysis. Included for future planning of reassessment date.

IMP Zone	Potential Impact Zone - Not used in threat analysis. For reference in preparing the BAP.
2009 HCA Risk	From GIS, High Consequence Area Risk based on last calculation. (Not used in threat analysis, but will be used as a comparison with current calculated values to determine if a reprioritization of assessments or preventive or mitigative actions is required)
EC Threat	From GIS (from previous threat analysis), indicator to identify the existence of an external corrosion threat. (Not used in threat analysis, but will be used as a comparison with subsequent threat analysis to determine if a new assessments are required)
IC THREAT	From GIS (from previous threat analysis), indicator to identify the existence of an internal corrosion threat. (Not used in threat analysis, but will be used as a comparison with subsequent threat analysis to determine if a new assessments are required)
SCC Threat	From GIS (from previous threat analysis), indicator to identify the existence of an Stress Corrosion Cracking threat. (Not used in risk calculation, but will be used as a comparison with subsequent threat analysis to determine if a new assessments are required, or reprioritization of assessments or preventive or mitigative actions are required.)
MANU Threat	From GIS (from previous threat analysis), indicator to identify the existence of an manufacturing threat. (Not used in risk calculation, but will be used as a comparison with subsequent threat analysis to determine if a new assessments are required, or reprioritization of assessments or preventive or mitigative actions are required.)
TP Threat	From GIS (from previous threat analysis), indicator to identify the existence of an third party threat. (Not used in risk calculation, but will be used as a comparison with subsequent threat analysis to determine if a new assessments are required, or reprioritization of assessments or preventive or mitigative actions are required.)
IO THREAT	From GIS (from previous threat analysis), indicator to identify the existence of an Hard Spot threat. (Not used in risk calculation, but will be used as a comparison with subsequent threat analysis to determine if a new assessments are required, or reprioritization of assessments or preventive or mitigative actions are required.)
OF THREAT	From GIS (from previous threat analysis), indicator to identify the existence of an Outside Force (Ground Movement) threat. (Not used in threat analysis, but will be used as a comparison with subsequent threat analysis to determine if a new assessments)
HS THREAT	From GIS (from previous threat analysis), indicator to identify the existence of an Hard Spot threat.
EQ THREAT	Indicator to identify the existence of an equipment threat (Not used in risk calculation, but will be used as a comparison with subsequent threat analysis to determine if a new assessments are required, or reprioritization of assessments or preventive or mitigative actions are required.)
EC PLAN	Last date by which the segment should be assessed by ECDA or ILI
IC PLAN	Last date by which the segment should be assessed by ICDA
SCC PLAN	Last date by which the segment should be assessed by DA