

Construction Phase	2020												2021												2022
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1
Workforce Trips	-	-	-	0	8	20	38	50	38	32	32	26	26	26	26	26	42	30	20	20	24	8	0	0	0
Transmission Line	-	-	-	20	20	22	22	22	26	26	24	24	24	28	24	34	42	48	54	58	38	24	0	0	0
Switching Station	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	8	8	8
Substation-Remote Ends	-	-	-	20	28	42	60	72	64	58	56	50	50	54	50	60	84	78	74	78	64.5	34.5	8	8	8
Subtotal	-	-	-	40	56	84	120	144	128	116	112	100	100	108	100	120	168	156	148	156	129	69	16	16	16
Workforce Trips¹	-	-	-	40	56	84	120	144	128	116	112	100	100	108	100	120	168	156	148	156	129	69	16	16	16
Light-duty Truck Trips	-	-	-	0	155	135	220	248	220	192	192	119	119	119	119	119	121	64	64	64	9	7	0	0	0
Transmission Line	-	-	-	6	6	6	6	6	6	10	4	4	4	6	6	8	6	6	6	12	12	6	0	0	0
Switching Station	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	15	15	15
Substation-Remote Ends	-	-	-	6	161	141	226	254	226	202	196	123	123	125	125	127	127	70	70	76	31	23	15	15	15
Subtotal	-	-	-	6	161	141	226	254	226	202	196	123	123	125	125	127	127	70	70	76	31	23	15	15	15
Truck Trips per Day²	-	-	-	6	161	141	226	254	226	202	196	123	123	125	125	127	127	70	70	76	31	23	15	15	15
Heavy-duty Truck Trips	-	-	-	0	45	93	99	99	126	96	96	65	65	21	21	4	4	1	1	1	1	1	0	0	0
Transmission Line	-	-	-	14	37	29	28	23	19	5	2	2	2	4	3	5	4	4	4	10	13	20	0	0	0
Switching Station	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	6	9	
Substation-Remote Ends	-	-	-	14	82	122	127	122	145	101	98	67	67	25	24	9	8	5	5	11	14	21	9	6	9
Subtotal	-	-	-	14	82	122	127	122	145	101	98	67	67	25	24	9	8	5	5	11	14	21	9	6	9
Truck Trips per Day³	-	-	-	14	82	122	127	122	145	101	98	67	67	25	24	9	8	5	5	11	14	21	9	6	9
Passenger Car Equiv (PCE, 2.0)	-	-	-	28	164	244	254	244	290	202	196	134	134	50	48	18	16	10	10	22	28	42	18	12	18
TOTAL COMBINED DAILY TRIPS⁴	-	-	-	74	381	469	600	642	644	520	504	357	357	283	273	265	311	236	228	254	188	134	49	43	49

NOTES

Schedule assumes 20 work days per month; where truck duration of use was less than 20 days, truck trips were rounded up for the month except if less than 5 days of use.

¹ Assumes 2 workforce trips per day (1 incoming and 1 outgoing)

² Assumes conservative average trips based on duration of use from AQ-GHG workbook

³ Assumes conservative average trips based on duration of use from AQ-GHG workbook

⁴ Total workforce and truck trips (combined) peak in 2020, Month 9.

Workforce trips peak in 2021, Month 5

Pick-up trips peak in 2020, Month 8

Heavy haul trips peak in 2020, Month 9

Peak Construction Trip Generation - Average Daily Total (ADT)							
Trip Type	ADT	AM Peak Hour			PM Peak Hour		
		In	Out	Total	In	Out	Total
Workforce	128	12	0	12	0	12	12
Light-duty Trucks	226	10	10	20	10	10	20
Heavy-duty Trucks (2.0 PCE)	290	8	8	16	8	8	16
Total Construction Traffic in PCE	644	30	18	48	18	30	48