TABLE OF CONTENTS

1.0 PROJECT BACKGROUND 1-1
1.1 PROJECT COMPONENTS 1-2
1.2 PROJECT LOCATION 1-3
1.3 PROJECT NEED AND ALTERNATIVES 1-3
1.4 AGENCY COORDINATION 1-4
1.4.0 California Department of Transportation 1-4
1.4.1 Local Jurisdictions 1-4
1.4.2 MCAS Miramar 1-4
1.4.3 Native American Heritage Commission 1-4
1.4.4 United States Fish and Wildlife Service 1-5
1.5 PROPONENT'S ENVIRONMENTAL ASSESSMENT CONTENTS 1-6
1.6 PROPONENT'S ENVIRONMENTAL ASSESSMENT CONCLUSIONS 1-8
1.7 AREAS OF CONTROVERSY AND ISSUES TO BE RESOLVED 1-42
1.8 INTER-AGENCY COORDINATION AND PUBLIC OUTREACH EFFORTS . 1-42

LIST OF TABLES

Table 1-1: PEA Checklist Key 1-9
Table 1-2: Less-Than-Significant Impacts with Implementation of APMs 1-40

LIST OF ATTACHMENTS

Attachment 1-A: Geographic Information System Data
Attachment 1-B: Public Open House Invitations
Attachment 1-C: Open House Comments

CHAPTER 1 – PEA SUMMARY

San Diego Gas & Electric Company (SDG&E) and Southern California Gas Company (SoCalGas)—hereinafter referred to as "the Applicants"—propose to construct, operate, and maintain the Pipeline Safety & Reliability Project (Proposed Project). The Proposed Project is an approximately 47-mile-long, 36-inch-diameter natural gas transmission pipeline that will carry natural gas from SDG&E's existing Rainbow Metering Station to the pipeline's terminus on Marine Corps Air Station (MCAS) Miramar. In addition to the pipeline, the Applicants will construct and maintain appurtenant facilities, including mainline valves (MLVs), metering equipment, pressure-limiting equipment, in-line inspection equipment, cathodic protection systems, and an intrusion detection and leak monitoring system.

1.0 PROJECT BACKGROUND

SDG&E and SoCalGas own and operate an integrated natural gas transmission system that transports and distributes natural gas throughout Southern California, including San Diego County. The Applicants propose to construct a new pipeline in order to advance three fundamental objectives: implementing pipeline safety requirements for existing Line 1600 and modernizing the system with state-of-the-art materials[1], improving system reliability and resiliency by minimizing dependence on a single pipeline, and enhancing operational flexibility to manage stress conditions by increasing system capacity. These objectives are described more fully in Chapter 2 – Project Purpose and Need/Project Objectives.

In March 2014, the Applicants—along with a team of engineers, pipeline construction contractors, and environmental resources specialists—began exploring potential routes between the SDG&E and SoCalGas service territories. Due to the location of Line 1600, the design of the integrated system and a desire to avoid unnecessary environmental impacts and costs, the routing effort was focused on potential routes originating at Rainbow Metering Station and terminating approximately 50 miles south. As part of this process, an initial potential route was identified from Rainbow Metering Station to the City of Santee.

Prior to selecting this initial potential route as the "Proposed Route" to include in the Application, the Applicants developed the following routing criteria, which are also described in Chapter 2 – Project Purpose and Need/Project Objectives:

- implement new pipeline safety requirements for existing Line 1600 as expeditiously as possible;
- follow generally accepted principles for siting infrastructure;
- avoid unnecessary impacts to the environment;
- avoid unnecessary acquisition of private property;
- avoid impacts to mission-critical operations at MCAS Miramar; and

[1] Line 1600 is an existing, approximately 50-mile natural gas transmission line constructed in 1949 that has not been pressure tested in accordance with modern day practices and recently-adopted regulations. In Decision 14-06-007, the CPUC adopted the Applicant's Pipeline Safety Enhancement Plan (PSEP), which calls for pressure testing or replacing the transmission function of Line 1600.

- meet current and near-term energy needs in a cost-effective and efficient manner.

In addition, the Applicants identified a range of potential alternatives to the Proposed Project that should be considered. These alternatives included not constructing a new pipeline, constructing a new pipeline in other areas of the service territory, multiple routes in the general vicinity of existing Line 1600, co-locating a new pipeline near other existing infrastructure and potential modifications along the initial route referred to as Route Segment Alternatives.

After considering the alternatives and applying the routing criteria, the Applicants reduced the scope of the initial route and identified a "Proposed Route" from Rainbow Metering Station to existing Line 2010. This Proposed Route:

- satisfies the project objectives within a reasonable period of time;
- is located predominately within developed areas, including roadways that serve as utility rights-of-way (ROWs);
- minimizes impacts to cultural resources, natural habitats, sensitive species, water resources and other environmental resources;
- avoids unnecessary acquisition of private properties and relocation of residents;
- reflects preliminary input from MCAS Miramar on routing alternatives; and
- avoids unnecessary costs.

The Applicants' analysis of alternatives, including the alternatives considered, is described in Chapter 5 – Discussion of Significant Impacts and Project Alternatives. The Proposed Route meets the fundamental objectives of the Proposed Project in a manner that the Applicants believe reasonably balances the routing criteria and is "feasible" as defined by the California Environmental Quality Act (CEQA). The Applicants acknowledge, however, that the California Public Utilities Commission (CPUC) will independently address the potential environmental impacts of the Proposed Project in the course of its review of the Application and is open to route modifications that the CPUC determines to be environmentally superior to the Proposed Project and feasible.

1.1 PROJECT COMPONENTS

The Proposed Project includes the construction, operation, and maintenance of the following components:

- approximately 47 miles of 36-inch-diameter natural gas transmission pipeline,
- approximately 10 MLVs spaced a maximum of five miles apart,
- one pressure-limiting station (i.e., Rainbow Pressure-Limiting Station),
- three cross-tie facilities (i.e., Line 1600, Line 1601, and Line 2010),
- internal inspection launching and receiving equipment,
- cathodic protection system units with an estimated three rectifiers and three deep-well anode beds at three of the proposed MLVs, and
- an intrusion detection and leak monitoring system.

The Proposed Project route will connect with an existing approximately 1.1-mile-long pipeline segment, or pre-lay segment, located within Pomerado Road. Installation of new pipe will not be required along the pre-lay segment. The Proposed Project route will connect with the southern end of the pre-lay segment at Scripps Poway Parkway and continue south for approximately 4.2 miles.

1.2 PROJECT LOCATION

The Proposed Route is located in San Diego County, California, and crosses the cities of San Diego, Escondido, and Poway; unincorporated communities in San Diego County; and federal land. Approximately 87 percent (approximately 41 miles) of the Proposed Route will be installed in urban areas within existing roadways and road shoulders, pursuant to franchise agreements. The remaining approximately 13 percent (approximately six miles) of the Proposed Route will be installed within MCAS Miramar and other non-franchise areas. Approximately 8.1 miles (49.1 acres) along the Proposed Project will require new ROW, approximately 1.7 acres of new acquisition will be needed for appurtenant facilities, and approximately 0.3 acre will be located on SDG&E-owned property.

1.3 PROJECT NEED AND ALTERNATIVES

As described further in Chapter 2 – Project Purpose and Need/Project Objectives, the Proposed Project is being proposed to meet the following fundamental objectives:

1. Enable the Applicants to comply with the CPUC-approved Pipeline Safety Enhancement Plan (PSEP) by replacing Line 1600 with a new gas transmission pipeline as soon as is practicable. Construction of the new line will enable the use of Line 1600 for distribution while operating at a lower pressure. This replacement will not only comply with the PSEP, but it will also add a greater margin of safety by replacing Line 1600's transmission function with a new pipeline by using modern, state-of-the-art materials. In addition, replacement would avoid any potential customer impacts associated with pressure testing Line 1600.

2. Simultaneously improve the reliability and resiliency of the integrated SDG&E and SoCalGas natural gas transmission system (Gas System) by replacing Line 1600 with a 36-inch-diameter gas transmission pipeline so that core and noncore customers will continue to receive gas service in San Diego in the event of a planned or unplanned service reduction or outage of the existing 30-inch-diameter Line 3010 or the Moreno Compressor Station. San Diego County is essentially completely reliant on the compressor station in the City of Moreno Valley and Line 3010, which together provide approximately 90 percent of SDG&E's capacity. The Applicants are not aware of any other major metropolitan area that is so dependent on a single pipeline. A system outage on Line 3010 or the Moreno Compressor Station would constrain available capacity in San Diego, which may lead to gas curtailments. This would be alleviated with the new 36-inch-diameter line providing resiliency for both Line 3010 and the Moreno Compressor Station.

3. Simultaneously increase the transmission capacity of the Gas System in San Diego County by approximately 200 million cubic feet per day as a result of the PSEP replacement line being 36 inches in diameter so that the Applicants can reliably manage the fluctuating peak demand of core and noncore customers, including electric generation (EG) and clean transportation. The new line would provide incremental pipeline capacity that would give flexibility to operate the SDG&E system by expanding the options available to handle stress conditions on a daily and hourly basis that put system integrity and customer service at risk.

1.4 AGENCY COORDINATION

1.4.0 California Department of Transportation

The Applicants met with representatives of the California Department of Transportation (Caltrans) several times to receive preliminary input on the potential for parallel encroachment of within Caltrans facilities as well as specific crossings of Interstate (I-) 15. The meetings took place in October 2014, November 2014, February 2015, and June 2015. As a result of those discussions, the Applicants did not pursue the Infrastructure Corridor Alternative, and the crossing of I-15 was rerouted to a different location. In addition, the Applicants obtained an encroachment permit to conduct biological and cultural surveys where the survey corridor encroached on Caltrans property. The encroachment permit was issued by Caltrans on March 26, 2015, and is valid through September 30, 2015. Additional meetings with Caltrans are anticipated.

1.4.1 Local Jurisdictions

Between January and September 2015, the Applicants conducted more than 40 meetings with municipalities and elected officials to provide an overview of the natural gas transmission system, need for the Proposed Project, routing rationales, and the anticipated regulatory and construction timeline. The Applicants met with representatives and staff from the County of San Diego, City of San Diego, City of Escondido, City of Poway, and City of San Marcos, as well as state and federal elected officials. Additional meetings with local municipalities and officials will continue throughout the review process and construction activities.

1.4.2 MCAS Miramar

The Applicants met with MCAS Miramar representatives in September 2014, February 2015, April 2015, and September 2015. The Applicants provided an overview of the Proposed Project and requested feedback on potential routes through MCAS Miramar. As a result of these meetings, MCAS Miramar representatives requested the Applicants submit a MCAS Miramar Committee for Land and Airspace Management Policy Tier 1 Application (Tier 1 Application). The Tier 1 Application was submitted April 30, 2015. In September 2015, the Applicants met with representatives of both CPUC and MCAS Miramar to facilitate federal and state inter-agency coordination. Coordination and consultation with MCAS Miramar are on-going.

1.4.3 Native American Heritage Commission

The Native American Heritage Commission (NAHC) was contacted by ASM Affiliates, Inc. for a Sacred Lands Record Search to develop a list of the appropriate Native American

representatives to contact for input on the Proposed Project. On April 22, 2015, the NAHC responded that the search indicated the potential for Native American cultural resources to be impacted by the Proposed Project within the Valley Center Quadrangle. The NAHC also provided a Native American Contact List to use for requesting additional information. All individuals and organizations on the Native American Contact List were contacted by letter on April 23, 2015, including:

- Pechanga Band of Mission Indians
- Rincon Band of Mission Indians
- Soboba Band of Mission Indians
- Kwaaymii Laguna Band of Mission Indians
- Inaja Band of Mission Indians
- Kumeyaay Cultural Repatriation Committee
- Pauma Valley Band of Luiseno Indians
- Pauma and Yuima, Barona Group of the Capitan Grande
- Ewiiaapaayp Tribal Office
- San Pasqual Band of Mission Indians
- Sycuan Band of the Kumeyaay Nation
- Viejas Band of Kumeyaay Indians
- Kumeyaay Cultural Historic Committee
- Pala Band of Mission Indians
- Pauma and Yuima Reservation

Correspondence is ongoing and responses received to date are provided in Attachment 4.5-A: Cultural Resources Technical Report and summarized in Section 4.5 Cultural, Tribal, and Paleontological Resources.

1.4.4 United States Fish and Wildlife Service

Insignia Environmental contacted the United States (U.S.) Fish and Wildlife Service (USFWS) on January 30, 2015 to submit pre-notification reports for Quino checkerspot butterfly and coastal California gnatcatcher protocol-level surveys. The following survey reports for the Proposed Project area have been submitted to the USFWS:

- Quino checkerspot butterfly 45-day protocol-level survey report on July 10, 2015;
- arroyo toad 45-day protocol-level survey report on August 20, 2015;
- coastal California gnatcatcher 45-day protocol-level survey report on September 10, 2015; and
- riparian bird survey report, including survey results for the least Bell's vireo and southwestern willow flycatcher, on September 10, 2015.

No comments were received from the USFWS. Coordination with the USFWS is ongoing.

1.5 PROPONENT'S ENVIRONMENTAL ASSESSMENT CONTENTS

This Proponent's Environmental Assessment (PEA) was prepared in accordance with the CPUC's Draft PEA Checklist for Pipeline, Compressor Station and Ancillary Facility Projects, which the CPUC provided to the Applicants on June 26, 2015. The PEA is divided into the following five chapters:

- Chapter 1 – PEA Summary discusses the contents and conclusions of the PEA and describes the Applicants' ongoing and past coordination efforts.

- Chapter 2 – Project Purpose and Need/Project Objectives provides further details on the Proposed Project objectives.

- Chapter 3 – Project Description provides a detailed description of the Proposed Project. This discussion includes specifics regarding the following:

  - The Proposed Project location
  - The existing system
  - Proposed Project components
  - Permanent and temporary land/ROW requirements
  - Construction methods
  - Construction schedule and cost
  - Anticipated operation and maintenance activities
  - Federal and local permits that will be obtained for the Proposed Project
  - A summary of all Applicants-Proposed Measures (APMs) to be implemented as part of the Proposed Project, as well as justification for each

- Chapter 4 – Environmental Impact Assessment includes an environmental impact assessment summary and a discussion of the existing conditions and the potential and anticipated impacts of the Proposed Project for each of the following resource areas:

  - Aesthetics
  - Agriculture and Forestry Resources
  - Air Quality
  - Biological Resources
  - Cultural, Tribal, and Paleontological Resources
  - Geology, Soils, and Seismicity
  - Greenhouse Gas (GHG) Emissions
  - Hazards and Hazardous Materials
  - Hydrology and Water Quality
  - Land Use and Planning
  - Mineral Resources
  - Noise
  - Population and Housing
  - Public Services

- Recreation
- Transportation and Traffic
- Utilities and Service Systems

Various technical reports were prepared in support of the analyses included in Chapter 4 – Environmental Impact Assessment. The following technical reports are included with the PEA as an attachment to the applicable resource section:

- CalEEMod Emissions Reports (included as Attachment 4.3-A)

- Biological Resources Technical Report, which includes the Preliminary Wetlands and Waters Assessment, Rare Plant Survey Report, and protocol-level survey results for federally listed and state-listed species that have the potential to occur within Proposed Project areas (included as Attachment 4.4-A)

- Cultural Resources Technical Report (included as a confidential Attachment 4.5-A)

- Paleontological Resources Technical Report (included as a confidential Attachment 4.5-B)

- Geologic Hazard Assessment (included as Attachment 4.6-A)

- Phase I Environmental Site Assessment (included as Attachment 4.8-A)

- Safety Study **(**included as Attachment 4.8-B)

- Noise Monitoring Results (included as Attachment 4.12-B)

- Traffic Analysis (included as Attachment 4.16-A)

The CPUC's PEA Checklists state that the environmental setting section can be provided separately or combined with the impacts and APMs. The Applicants have elected to combine the environmental setting, existing conditions, impacts, and APMs for each resource area in Chapter 4 – Environmental Impact Assessment. This chapter also includes a Cumulative Analysis, which discusses past, present, and reasonably foreseeable future projects within the Proposed Project area, as well as the Proposed Project's potential to contribute to a significant cumulative effect, consistent with Section 15130 of the CEQA Guidelines.

- Chapter 5 – Discussion of Significant Impacts and Project Alternatives concludes that, with implementation of APMs, there are no potentially significant permanent impacts that will result from the Proposed Project, evaluates alternatives to the Proposed Project, describes the justification for the preferred alternative, and analyzes the Proposed Project's potential to induce growth in the area.

Throughout the PEA, the Applicants address every item in the CPUC's Draft PEA Checklist for Pipeline, Compressor Station and Ancillary Facility Projects. To facilitate confirmation of this

and review of the PEA, Table 1-1: PEA Checklist Key identifies the sections in which each checklist item is addressed. In addition, the geographic information systems (GIS) data layers for the Proposed Project are included as Attachment 1-A: Geographic Information System Data.

1.6 PROPONENT'S ENVIRONMENTAL ASSESSMENT CONCLUSIONS

The PEA analyzes the potential environmental impacts associated with construction, operation, and maintenance of the Proposed Project. The following four resource areas will not be impacted by the Proposed Project or will experience less-than-significant impacts without requiring APMs:

- GHG Emissions
- Land Use and Planning
- Mineral Resources
- Population and Housing

Although the Proposed Project will result in potentially significant impacts to 13 resource areas, these impacts will be reduced to a less-than-significant level with the implementation of the APMs. Table 1-2: Less-Than-Significant Impacts with Implementation of APMs lists each resource area and the potentially significant impact that will be reduced by the proposed APMs.

APMs will be implemented to reduce potential impacts to a less-than-significant level and are discussed in detail in their relevant sections. The APMs have been identified by applicability to each Proposed Project component and described in Table 3-9: Applicants-Proposed Measures in Chapter 3 – Project Description. A summary and the justification for each APM are also provided in Table 3-9: Applicants-Proposed Measures in Chapter 3 – Project Description.

No permanent significant impacts are anticipated to result from the Proposed Project. However, potentially significant impacts to the following three resource areas are likely to result on a temporary basis during the construction phase of the Proposed Project even after implementation of APMs:

- Air Quality – Potentially significant impacts include the following:
    - temporary conflicts with applicable air quality plans;
    - temporary air quality standard violations; and
    - temporary criteria pollutant increases.
- Noise – Potentially significant impacts include the following:
    - temporary noise levels in excess of standards; and
    - substantial temporary or periodic increase in ambient noise levels.
- Transportation and Traffic – Potentially significant impacts include the following:
    - temporary conflict with Level of Service standards.

Table 1-1: PEA Checklist Key

Location in Draft Checklist	Draft Checklist Item	Location in the PEA
Cover Sheet	Should be a single sheet with the following information: • Title "Proponent's Environmental Assessment"; • Proceeding for which the PEA has been prepared; • Docket number of the proceeding; and • Name, address, and telephone number of the project proponent.	Cover sheet (first page of the PEA)
Table of Contents	The format of the PEA document should include, but is not limited to, the following:[2] • Table of Contents • PEA Summary (e.g., Executive Summary) • Project Objectives • Project Description • Environmental Setting • Environmental Impact Assessment Summary (e.g., environmental impacts and mitigation measures), and also includes: - Cumulative Impacts • Detailed Discussion of Significant Impacts, and also includes: - Mitigation Measures to Minimize the Significant Effects - Project Alternatives, if appropriate[3] - Growth-Inducing Impacts, if appropriate	Table of Contents

[2] References for each section should be included at the end of the respective section.
[3] Alternatives and growth-inducing impacts discussions may not be required for projects that have no significant impacts.

Location in Draft Checklist	Draft Checklist Item	Location in the PEA
Table of Contents (cont.)	• Federal Permits/Actions Requiring National Environmental Policy Act Review • List of Preparers[4] • Lists of Tables and Figures and Appendices (if any)	Table of Contents Chapter 6 – List of Preparers
Chapter 1	The PEA Summary should include, but is not limited to, the following: • The major conclusions of the PEA;	Section 1.6 Proponent's Environmental Assessment Conclusions
	• Any areas of controversy;	Section 1.7 Areas of Controversy and Issues to Be Revolved Section 1.8 Inter-Agency Coordination and Public Outreach Efforts
	• A description of any significant impacts;	Section 1.6 Proponent's Environmental Assessment Conclusions
	• Any major issues that must be resolved, including the choice among reasonably feasible alternatives and mitigation measures, if any;	Section 1.7 Areas of Controversy and Issues to Be Revolved
	• A description of inter-agency coordination, if any; and	Section 1.4 Agency Coordination Section 1.8 Inter-Agency Coordination and Public Outreach Efforts
	• A description of public outreach efforts, if any.	Section 1.8 Inter-Agency Coordination and Public Outreach Efforts
	Typically from two to 10 pages in length, depending on the complexity of the project and the number and significance of the project's impacts.	Chapter 1 – PEA Summary

[4] The PEA shall include a list of persons, their organizations, and their qualifications for the people who are responsible for compiling the detailed information for each section.

Location in Draft Checklist	Draft Checklist Item	Location in the PEA
Chapter 2	Name of the project.	Chapter 1 – PEA Summary
	Location of the project (list all counties).	Section 3.0 Project Location
	Name of the applicant(s).	Chapter 1 – PEA Summary
	Contact information for the applicants. Include primary and secondary contact names, addresses, phone numbers, and email addresses.	Coversheet (first page of the PEA)
	Date the PEA was prepared.	Coversheet (first page of the PEA) Chapter 1 – PEA Summary
	Name and contact information of the entity preparing the PEA, if different than the applicant.	Coversheet (first page of the PEA)
	Type(s) of project (e.g., new line, loop, replacement, abandonment, or removal).	Section 3.4 Project Components
	Project schedule, including anticipated dates for obtaining major permits, proposed timing for project construction, and an estimated in-service date.	Section 3.7 Construction Schedule and Proposed Project Cost Table 3-9: Anticipated Permits and Approvals
	List of all approvals and permits required, with identification of the responsible agency for each.	Table 3-9: Anticipated Permits and Approvals
	Explanation of any plans for future additions or expansions connected with the project.	Not Applicable (N/A)
3.1 Overview	Generally not more than two pages in length, except where significant or potentially significant project impacts have been identified. Analysis of the purpose and need and project objectives must be sufficiently detailed to permit the California Public Utilities Commission (CPUC) to independently evaluate the project need and benefits in order to accurately consider them in light of the potential environmental impacts.	Chapter 2 – Project Purpose and Need/Project Objectives
	Explanation of how implementing the project will achieve the purpose and need and project objective(s).	Section 2.3 Conclusion

Location in Draft Checklist	Draft Checklist Item	Location in the PEA
3.2 Objectives	Analysis of the reason why attainment of these objectives is necessary or desirable. Such analysis must be sufficiently detailed to inform the CPUC in its independent formulation of project objectives that will aid any appropriate California Environmental Quality Act alternatives screening process.	Section 2.2 Safety, Reliability and Resiliency, and Operations Flexibility and Capacity
4.1 Project Location	Geographical location: county and city. Provide project location map(s).	Section 3.0 Project Location
	General description of land uses within the area traversed by the pipeline route (e.g., residential, commercial, agricultural, recreation, vineyards, farms, open space, rivers, etc.). This section can be more general than Section 6.1 Aesthetics.	Section 3.0 Project Location Section 4.10.2 Existing Conditions
	State whether the project is located within an existing property owned by the applicant, traverses existing rights-of-way (ROWs), or requires new ROW. Give the approximate area of the property or the length of the pipeline that is in an existing ROW and that requires new ROWs.	Section 3.0 Project Location Section 3.5 ROW Requirements
4.2 Existing System	Describe the natural gas distribution system to which the project relates; include all relevant information about regional pipelines and associated facilities. Note: Regional system maps will remain confidential for security reasons.	Section 3.1 Existing System
	Provide a schematic diagram and map of the existing system.	Figure 3-2: SDG&E Gas Transmission System Map
	Provide a schematic diagram that illustrates the system as it will be configured with implementation of the project.	Figure 3-2: SDG&E Gas Transmission System Map
4.3 Project Objectives	Can refer to Chapter 3 – Project Purpose and Need, if already described there.	Chapter 2 – Project Purpose and Need/Project Objectives Section 3.2 Project Objectives

Location in Draft Checklist	Draft Checklist Item	Location in the PEA
4.4 Proposed Project	Describe the project in detail. Include in the description the total volume of gas to be delivered by the facilities, expected customers, delivery points and corresponding volumes, and the maximum allowable operating pressure. Include the capacity increase the system provides.	Section 3.3 Proposed Project Section 3.4 Project Components
	Provide GIS (or equivalent) data layers for the project, as well as preliminary engineering information, including locations of all physical components of the project and those related to construction. Include all pipeline and aboveground facilities and support areas for construction and operation. Identify any facilities to be abandoned, specifying whether they will be abandoned in place or removed.	Attachment 1-A: Geographic Information System Data
	Provide aerial images or alignment sheets—at a scale that is no smaller than one-to-6,000—that show mileposts and all project facilities.	Attachment 3-A: Detailed Route Map
	Describe how the project fits into the regional system. Does it create a loop for reliability, etc.?	Section 3.1 Existing System Section 3.2 Project Objectives Section 3.3 Proposed Project
	Describe construction and restoration methods. Descriptions of construction procedures should include excavation depths and pipeline depth of cover; procedures for clearing, trenching, stringing, hydrostatic testing, and backfilling; procedures for flagging the ROW and extra work areas; and procedures for disposing of timber, slash, and rock. Provide particular detail when describing specialized construction and restoration methods in rugged topography, residential areas, active croplands, road crossings, wetlands, and waterbodies. Identify any locations where blasting is expected to occur. Describe the role, responsibilities, and authority of environmental inspectors and agency monitors during construction and restoration. These requirements may be satisfied in conjunction with parts of Section 4.7 Extra Work Areas.	Section 3.6 Construction

Location in Draft Checklist	Draft Checklist Item	Location in the PEA
4.4 Proposed Project (cont.)	Provide the names and addresses of all affected landowners and certify that the applicant will notify all affected landowners. For the purpose of this checklist, an affected landowner is defined as one whose property is crossed by the proposed pipeline or abuts either side of the proposed ROW or proposed aboveground facility site. Landowners within 100 feet of the edge of the construction work areas could be indirectly affected and should also be noticed.	A CD containing the relevant data has been submitted as part of this PEA package.
	Also listed in Section 2: Identify all necessary federal, regional, state, and local permits required for the project. For each permit, list the responsible agency and representative with contact information, type of permit or approval, current status of each permit with date filed or planned to file, and any permit-required mitigation measures.	Section 3.9 Anticipated Permits and Approvals Table 3-9: Anticipated Permits and Approvals
	Provide information on current and reasonably foreseeable plans for future expansion or abandonment.	Chapter 2 – Project Purpose and Need/Project Objectives
4.5.1 Pipe	For each pipeline segment, identify its name or designation, length in miles and beginning/ending mileposts, pipe diameter, length, depth of burial, number and length of exposed sections, classes of pipe, pressure of pipe, and cathodic protection. For abandonments, indicate whether the pipe will be left in place or removed. For replacements, indicate whether pipelines will be replaced in the existing trench.	Section 3.4.0 Transmission Pipeline
	Provide typical ROW cross-section diagrams.	Figure 3-3: Typical Trench Cross-Section – Urban Figure 3-4: Typical Trench Cross-Section – Cross-Country Figure 3-5: Typical Urban ROW Cross-Section Figure 3-6: Typical Cross-Country ROW Cross-Section

Location in Draft Checklist	Draft Checklist Item	Location in the PEA
4.5.2 Compressor Stations and other Aboveground Facilities	For each aboveground facility, indicate the type of facility (e.g., compressor station, meter station, valve station, etc.), name or designation, location by county, and milepost. Describe the type of activity (e.g., modification, new, replacement, or abandonment), horsepower (if applicable) and whether the facility will be fenced. Provide the acreage required for each facility during construction (including access roads, laydown and other areas disturbed during construction) and operations (e.g., access roads communication facilities, parking, and other permanently disturbed areas).	Section 3.4.1 Aboveground Facilities
	Identify the spacing between each valve station.	Section 3.3 Proposed Project Section 3.4.1 Aboveground Facilities
4.6 Right-of-Way Requirements	Describe the proposed ROW location, ownership, and width (both temporary and permanent). Identify by milepost where existing ROWs are used and where new ROW is required. Describe the amount of new ROW (i.e., length and width) and the amount of overlap of existing ROW.	Section 3.5 ROW Requirements
	If new ROW is required, describe how it will be acquired.	Section 3.5 ROW Requirements
	List properties that may require acquisition.	Section 3.5 ROW Requirements
4.7.1 Extra Work Areas	In addition to the standard temporary and permanent ROW requirements for the project, include land requirements for extra work and staging areas (e.g., road, railroad, waterbody, and wetland crossings; areas of steep side slope; areas at the beginning and end of each pipeline segment for contractor mobilization/demobilization; pipe and contractor storage yards, new or modified access roads; pull-back areas for horizontal directional drills; etc.).	Section 3.5.1 Temporary Land Requirements Section 3.6.0 Mobilization and Staging Table 3-5: Approximate Staging Area Locations and Descriptions Attachment 3-A: Detailed Route Maps
	Identify the approximate location of known extra work and staging areas in the GIS database.	Attachment 1-A: Geographic Information System Data

Location in Draft Checklist	Draft Checklist Item	Location in the PEA
4.7.1 Extra Work Areas (cont.)	Describe any specific site preparation required, if known, or generally describe what might be required (i.e., vegetation removal, new access road, installation of rock base, etc.). Describe any grading activities and/or slope stabilization issues.	Section 3.5.1 Temporary Land Requirements Section 3.6.0 Mobilization and Staging Table 3-5: Approximate Staging Area Locations and Descriptions
	Describe what each staging area will be used for (i.e., material and equipment storage, field office, reporting location for workers, parking area for vehicles and equipment, etc.).	Section 3.5.1 Temporary Land Requirements Section 3.6.0 Mobilization and Staging Table 3-5: Approximate Staging Area Locations and Descriptions
	Describe how the staging areas will be secured. Will a fence be installed? If so, describe the type and extent of the fencing.	Section 3.5.1 Temporary Land Requirements Section 3.6.0 Mobilization and Staging
	Indicate whether and how power to the contractor yards will be provided (i.e., tap into existing distribution, use of diesel generators, etc.).	Section 3.6.0 Mobilization and Staging
	How will these areas likely be accessed (e.g., construction vehicles, walk in, helicopter, etc.)?	Section 3.5.1 Temporary Land Requirements
	Describe how the extra work and staging areas will be restored.	Section 3.6.18 Cleanup and Restoration
4.7.2 Access Roads and/or Spur Roads	Describe the types of roads that will be used and/or will need to be created to implement the project. Road types may include, but are not limited to, new permanent roads, new temporary roads, existing roads that will have permanent improvements, existing roads that will have temporary improvements, existing paved roads, existing dirt/gravel roads, and overland access.	Section 3.5.1 Temporary Land Requirements
	For road types that require preparation, describe the methods and equipment that will be used.	N/A
	Identify the approximate location of all access roads (by type) in the GIS database.	N/A
	Describe any grading activities and/or slope stabilization issues.	Section 3.5.1 Temporary Land Requirements

Location in Draft Checklist	Draft Checklist Item	Location in the PEA
4.7.3 Vegetation Clearance	[Note: specific amounts and types of vegetation removed may not be known until plant surveys, field reviews, and project engineering are complete. However, the applicant is expected to have a reasonable estimate of the vegetation clearance required for each project based on the established data available for each project area.] Describe by milepost the types of vegetation clearing that may be required (e.g., tree removal, brush removal, flammable fuels removal) and why (e.g., to provide access, etc.).	Section 3.6.2 Clearing and Grading Table 4.4-5: Impacts to Vegetation Communities
	Identify the preliminary location and provide an approximate area of disturbance in the GIS database for each type of vegetation removal.	Attachment 1-A: Geographic Information System Data Figure A-4: Vegetation Communities of Attachment 4.4-A: Biological Resources Technical Report
	Describe how each type of vegetation removal will be accomplished.	Section 3.6.2 Clearing and Grading
	Describe the types and approximate number and size of trees that may need to be removed. State whether there are any oaks, Joshua trees, or palms that have to be removed; these are often governed by local ordinances.	Section 3.6.2 Clearing and Grading However, the number and size of trees that may need to be removed are unknown at this time.
	Describe the type of equipment typically used.	Chapter 3 – Project Description

Location in Draft Checklist	Draft Checklist Item	Location in the PEA
4.7.4 Erosion and Sediment Control and Pollution Prevention during Construction	Describe the areas of ground disturbance, including the estimated total areas and associated terrain type and slope. Describe the best management practices (BMPs) that will be implemented to manage surface runoff and limit ground disturbance to the ROW and extra work areas. Things to consider include, but are not limited to, the following: • Erosion and sedimentation BMPs, • Vegetation removal and storage, and/or • Hazardous waste and spill prevention plans.	Section 3.6.2 Clearing and Grading Section 3.6.17 Erosion and Sediment Control and Pollution Prevention during Construction Section 3.6.18 Cleanup and Restoration Section 3.9 Anticipated Permits and Approvals Table 3-9: Anticipated Permits and Approvals Table 3-10: Applicants-Proposed Measures Table 4.4-5: Impacts to Vegetation Communities Section 4.8.3 Impacts Section 4.9.3 Impacts
	Describe any grading activities and/or slope stabilization issues.	Section 3.6.2 Clearing and Grading Section 3.6.17 Erosion and Sediment Control and Pollution Prevention during Construction
	Describe how construction waste (i.e., refuse, spoils, trash, oil, fuels, etc.) will be disposed of.	Section 3.6.11 Lowering-In, Backfill, and Compaction Section 3.6.17 Erosion and Sediment Control and Pollution Prevention during Construction Section 3.6.18 Cleanup and Restoration Section 4.8.3 Impacts
4.7.5 Cleanup and Post-Construction Restoration	Describe how cleanup and post-construction restoration will be performed (i.e., personnel, equipment, and methods) on the ROW and extra work areas. Things to consider include, but are not limited to, restoration of the following: • Restoring natural drainage patterns, • Removing construction debris, • Revegetation, and • Permanent erosion control measures.	Section 3.6.18 Cleanup and Restoration Section 3.11 Applicants-Proposed Measures Table 3-10: Applicants-Proposed Measures Section 4.4.3 Impacts Section 4.9.3 Impacts

Location in Draft Checklist	Draft Checklist Item	Location in the PEA
4.7.6.1 Trenching	Describe the approximate dimensions of the trench (e.g., depth, width).	Section 3.6.4 Trenching Table 3-6: Estimated Volume of Material Excavated from Trench Figure 3-3: Typical Trench Cross-Section – Urban Figure 3-4: Typical Trench Cross-Section – Cross-Country
	Describe the methods used for making the trench (e.g., saw cutter to cut the pavement, backhoe to remove, etc.).	Section 3.6.4 Trenching
	Provide the total approximate cubic yardage of material to be removed from the trench, the amount to be used as backfill, and any amount to subsequently be removed/disposed of offsite.	Section 3.6.4 Trenching Table 3-6: Estimated Volume of Material Excavated from Trench
	Provide off-site disposal location, if known, or describe possible option(s).	Section 3.6.4 Trenching Section 4.17.3 Impacts
	Describe if dewatering will be anticipated, and if so, how the trench will be dewatered, the anticipated flows of the water, whether there will be treatment, and how the water will be disposed of.	Section 3.6.4 Trenching Section 3.6.16 Pigging Section 4.9.3 Impacts
	Describe the process for testing excavated soil or groundwater for the presence of pre-existing environmental contaminants that could be exposed as a result of trenching operations.	Section 3.6.4 Trenching Section 4.8.3 Impacts
	If a pre-existing hazardous waste is encountered, describe the process of removal and disposal.	Section 3.11 Applicants-Proposed Measures Table 3-10: Applicants-Proposed Measures Section 4.8.3 Impacts
	Describe any standard BMPs that will be implemented.	Section 3.6.4 Trenching Section 3.6.17 Erosion and Sediment Control and Pollution Prevention during Construction Section 3.10 Project Design Features and Ordinary Construction/Operating Restrictions

Location in Draft Checklist	Draft Checklist Item	Location in the PEA
4.7.6.2 Trenchless Techniques: Microtunnel, Bore and Jack, Horizontal Directional Drilling	Identify any locations/features for which the applicant expects to use a trenchless crossing method and which method is planned for each.	Section 3.6.7 Horizontal Directional Drilling Section 3.6.8 Horizontal Boring
	Provide the approximate location of the sending and receiving pits.	Attachment 3-A: Detailed Route Maps Section 3.6.7 Horizontal Directional Drilling Section 3.6.8 Horizontal Boring
	Provide the length, width, and depth of the sending and receiving pits.	Section 3.6.7 Horizontal Directional Drilling Section 3.6.8 Horizontal Boring Figure 3-16: Typical Horizontal Directional Drill Figure 3-17: Typical Horizontal Bore – Channel Figure 3-18: Typical Horizontal Bore – Road
	Describe the methodology of excavating and shoring the pits.	Section 3.6.7 Horizontal Directional Drilling Section 3.6.8 Horizontal Boring
	Describe the methodology of the trenchless technique.	Section 3.6.7 Horizontal Directional Drilling Section 3.6.8 Horizontal Boring
	Provide the total cubic yardage of material to be removed from the pits, the amount to be used as backfill, and the amount subsequently to be removed/disposed of offsite.	Section 3.6.7 Horizontal Directional Drilling Section 3.6.8 Horizontal Boring
	Describe the process for safe handling of drilling mud and bore lubricants.	Section 3.6.7 Horizontal Directional Drilling Section 3.6.8 Horizontal Boring
	Describe the process for detecting and avoiding “fracturing-out” during horizontal directional drill operations.	Section 3.6.7 Horizontal Directional Drilling Section 3.6.8 Horizontal Boring
	Describe the process for avoiding contact between drilling mud/lubricants and streambeds.	Section 3.6.7 Horizontal Directional Drilling Section 3.6.8 Horizontal Boring
	If engineered fill is used as backfill, indicate the type of engineered backfill and the amount that will be typically used (e.g., the top two feet will be filled with thermal-select backfill).	Section 3.6.11 Lowering-In, Backfill, and Compaction

Location in Draft Checklist	Draft Checklist Item	Location in the PEA
4.7.6.2 Trenchless Techniques: Microtunnel, Bore and Jack, Horizontal Directional Drilling (cont.)	State whether dewatering is anticipated and, if so, how the pit will be dewatered; the anticipated flows of the water; whether there will there be treatment; and how the water will be disposed of.	Section 3.6.4 Trenching Section 3.6.16 Pigging Section 4.9.3 Impacts
	Describe the process for testing excavated soil or groundwater for the presence of pre-existing environmental contaminants.	Section 3.6.4 Trenching Section 4.8.3 Impacts
	If a pre-existing hazardous waste were encountered, describe the process of removal and disposal.	Section 3.11 Applicants-Proposed Measures Table 3-10: Applicants-Proposed Measures Section 4.8.3 Impacts
	Describe any grading activities and/or slope stabilization issues.	Section 3.5.1 Temporary Land Requirements Table 3-6: Approximate Staging Area Locations and Descriptions
	Describe any standard BMPs that will be implemented.	Section 3.6.7 Horizontal Directional Drilling Section 3.6.8 Horizontal Boring Section 3.6.17 Erosion and Sediment Control and Pollution Prevention during Construction Section 3.10 Project Design Features and Ordinary Construction/Operating Restrictions
4.7.7 Construction Workforce and Equipment	[Note: in the absence of project-specific data, provide estimates based on past projects of a similar size and type.] Provide the estimated number of construction crew members.	Section 3.6.20 Construction Workforce and Equipment
	Describe the crew deployment, including whether crews will work concurrently (i.e., multiple crews at different sites), whether they will be phased, etc.	Section 3.6.20 Construction Workforce and Equipment Section 3.7 Construction Schedule and Proposed Project Cost

Location in Draft Checklist	Draft Checklist Item	Location in the PEA
4.7.7 Construction Workforce and Equipment (cont.)	Describe the different types of activities to be undertaken during construction, the number of crew members for each activity (i.e., trenching, grading, etc.), and the number and types of equipment expected to be used for this activity. Include a written description of the activity.	Section 3.6.20 Construction Workforce and Equipment Section 3.7 Construction Schedule and Proposed Project Cost Attachment 3-B: Typical Construction Equipment List
	Provide a tabular list of the types of equipment expected to be used during construction of the project, as well as a brief description of the use of the equipment.	Attachment 3-B: Typical Construction Equipment List
4.7.8 Construction Schedule	Provide a preliminary project construction schedule; include contingencies for weather, wildlife closure periods, etc. A schedule should be provided for each construction spread.	Section 3.7 Construction Schedule and Proposed Project Cost
4.8 Operation and Maintenance	Describe the general system the applicant will use for monitoring and control.	Section 3.4.1 Aboveground Facilities Section 3.8 Operation and Maintenance Table 3-7: Maintenance Activities

Location in Draft Checklist	Draft Checklist Item	Location in the PEA
4.8 Operation and Maintenance (cont.)	Describe the general maintenance program of the project, including items such as: • Timing of the inspections (i.e., monthly, every July, as needed); • Type of inspection (i.e., aerial inspection, ground inspection); and • Description of how the inspection will be implemented. This may include the identity and number of crew members, how they will access the site (e.g., walk, vehicle, all-terrain vehicle, etc.), whether new access will be required, whether restoration will be required, etc.	Section 3.8 Operation and Maintenance Table 3-7: Maintenance Activities
	If additional full-time staff will be required for operation and/or maintenance, provide the number and purpose.	No additional staff will be required for operation and/or maintenance.
4.9 Applicant-Proposed Measures	If there are measures that the applicant proposes to be part of the project, please include those measures and reference plans or implementation descriptions.	Section 3.11 Applicants-Proposed Measures Table 3-10: Applicants-Proposed Measures

Location in Draft Checklist	Draft Checklist Item	Location in the PEA
Chapter 5	Note: The discussion of the environmental setting may be combined within each resource area in the Environmental Assessment Summary. For each resource area discussion, the PEA must include the following: • A description of the physical environment in the vicinity of the project - (e.g., topography, land use patterns, biological environment, etc.); - local environment (site-specific) - regional environment. • A description of the regulatory environment/context - federal - state - local	The Existing Conditions section under each resource area in Chapter 4 – Environmental Impact Assessment provides a discussion of the physical and regulatory environment in the vicinity of the Proposed Project.
	Detailed descriptions should be limited to resource areas that may be subject to a potentially significant impact.	The Existing Conditions section under each resource area provides detail on the resource area(s) in Chapter 4 – Environmental Impact Assessment that may be subject to impact by the Proposed Project.
Section 6.1 Aesthetics	In addition to an impacts analysis: • Provide visual simulations of prominent public view locations, including scenic highways, to demonstrate the visual setting before and after project implementation. Additional simulations of affected private view locations are highly recommended.	Section 4.1 Aesthetics Figure 4.1-1: Visual Simulation – Line 1600 Cross-Tie Attachment 4.1-A: Proposed Project Visual Character Photograph Viewpoint Locations Attachment 4.1-B: Visual Character Photographs
	• Describe any measures to visually screen aboveground facilities, such as compressor stations.	Section 4.1 Aesthetics Section 4.1.4 Applicants-Proposed Measures

Location in Draft Checklist	Draft Checklist Item	Location in the PEA
Section 6.2 Agriculture and Forestry Resources	In addition to an impacts analysis: • Identify the types of agricultural resources affected.	Section 4.2 Agriculture and Forestry Resources Section 4.2.2 Existing Conditions Section 4.2.3 Impacts
6.3 Air Quality	In addition to an impacts analysis: • Describe existing air quality in the vicinity of the project and identify criteria pollutants that may be emitted above United States Environmental Protection Agency (EPA) and regional air basin thresholds during both construction and operation.	Section 4.3 Air Quality Section 4.3.2 Existing Conditions Section 4.3.3 Impacts
	• Quantify the expected emissions of any criteria pollutants from all project-related sources, including construction and compressor equipment. Summarize anticipated air quality impacts for the project. Provide supporting calculations/spreadsheets/technical reports that support emission estimates in the PEA. For proposed new, additional, or modified compressor units, include the horsepower, type, and energy source.	Section 4.3 Air Quality Section 4.3.3 Impacts Table 4.3-6: Estimated Peak Daily Uncontrolled Construction Emissions Table 4.3-7: Estimated Peak Daily Controlled Construction Emissions Table 4.3-8: Estimated Peak Daily Operational Emissions Attachment 4.3-A: CalEEMod Reports
	• Identify manufacturer's specifications for all proposed emissions sources and describe measures to mitigate impacts to air quality, including emission control systems, installation of filters, etc.	Section 4.3 Air Quality Section 4.3.3 Impacts Attachment 4.3-A: CalEEMod Reports Section 4.3.4 Applicants-Proposed Measures
	• Provide documentation of the location and types of sensitive receptors that could be impacted by the project (e.g., schools, hospitals, houses, etc.). Critical distances to receptors is dependent on type of construction activity.	Section 4.3.2 Existing Conditions Section 4.3.3 Impacts
	• Identify and list all necessary air permits.	N/A

Location in Draft Checklist	Draft Checklist Item	Location in the PEA
6.4 Greenhouse Gases	Identify GHG emissions associated with the project, including the following: • Quantify GHG emissions from a business-as-usual snapshot. That is, what the GHG emissions will be from the project if no mitigation is used. • Quantify GHG emission reductions from every APM that is implemented. Itemize the quantifications and place them in a table format. • Identify the net emissions of a project after mitigations have been applied. • Calculate and quantify GHG emissions (carbon dioxide equivalent) for the project, including construction and operation. • Calculate and quantify the GHG reduction based on reduction measures proposed for the project. • Propose APMs to implement and follow to maximize GHG reductions. If these are found to be sufficient, the CPUC will accept them without adding further mitigation measures.	Section 4.7.2 Existing Conditions Section 4.7.3 Impacts
	• Discuss programs already in place to reduce GHG emissions on a system-wide level. This includes the applicant's voluntary compliance with the EPA's sulfur hexafluoride reduction program, reductions from energy efficiency, demand response, Long-Term Procurement Plan, etc.	Section 4.7.2 Existing Conditions Section 4.7.3 Impacts

Location in Draft Checklist	Draft Checklist Item	Location in the PEA
6.5 Biological Resources	In addition to an impacts analysis: • Provide the biological resources technical report and any supporting reports from special-status surveys for wildlife, botanical, and aquatic species, as applicable. Any GIS data documenting locations of special-status species should be provided.	Attachment 1-A: Geographic Information System Data Attachment 4.4-A: Biological Resources Technical Report
	• Classify the fishery type of each surface waterbody that will be crossed, including fisheries of special concern. Describe the impacts from construction and operation and provide proposed mitigation measures.	Table 4.9-4: Beneficial Uses of Hydrological Features
	• Describe terrestrial and wetland wildlife and habitats that will be affected by the project.	Section 4.4 Biological Resources Section 4.4.2 Existing Conditions Section 4.5.3 Impacts
	• Describe the major vegetative cover types that will be crossed and provide the acreage of each vegetative cover type that will be affected by construction.	Section 4.4 Biological Resources Section 4.4.2 Existing Conditions Table 4.4-1 Vegetation Communities Observed within the BRSA Section 4.5.3 Impacts
	• As part of the impact analysis, evaluate the potential for short-term, long-term, and permanent impact on the wildlife resources and state-listed endangered or threatened species caused by construction and operation of the project and proposed mitigation measures.	Section 4.4 Biological Resources
	• Provide copies of correspondence from federal and state fish and wildlife agencies, along with responses to their recommendations to avoid or limit impact on wildlife, fisheries, and vegetation.	Section 4.4 Biological Resources

Location in Draft Checklist	Draft Checklist Item	Location in the PEA
6.5 Biological Resources (cont.)	• Provide the biological resources technical report.	Attachment 4.4-A: Biological Resources Technical Report
6.6 Cultural Resources	In addition to an impacts analysis: • Provide a cultural resources report documenting a cultural resources investigation of the project. This report should include the results of a literature search, pedestrian survey, and Native American consultation, as applicable. The report should include a map with mileposts showing the boundaries of all survey areas.	Section 4.5 Cultural, Tribal, and Paleontological Resources Attachment 4.5-A: Cultural Resources Technical Report
	• Provide a copy of the records found in the literature search. The results of the records search should be marked as confidential so that the CPUC can ensure sensitive material is only released to qualified individuals.	Attachment 4.5-A: Cultural Resources Technical Report (as Appendix B Record Search Tables)
	• Provide a copy of all letters and documentation of Native American consultation.	Attachment 4.5-A: Cultural Resources Technical Report (as Appendix C NAHC Correspondence)
6.7 Geology, Soils, and Mineral Resources	In addition to an impacts analysis: • Provide a copy of the geotechnical investigation, including known and potential geologic hazards, such as ground shaking, subsidence, liquefaction, etc. Briefly summarize the physiography and bedrock geology of the project area.	Section 4.6 Geology, Soils, and Seismicity Attachment 4.6-A: Geologic Hazard Assessment
	• Discuss the need for blasting and locations where blasting may be necessary to construct the proposed facilities.	Section 4.6 Geology, Soils, and Seismicity Section 4.6.3 Impacts
	• Identify, describe, and group by milepost the soils affected by the proposed pipeline and aboveground facilities.	Table 4.6-4: Soils in the Proposed Project Area
	• Describe by milepost potential impacts on soils.	Section 4.6 Geology, Soils, and Seismicity Section 4.6.3 Impacts

Location in Draft Checklist	Draft Checklist Item	Location in the PEA
6.7 Geology, Soils, and Mineral Resources (cont.)	• Determine the acreage of prime farmland soils that will be affected by construction and operation.	Section 4.2 Agriculture and Forestry Resources Section 4.2.3 Impacts
	• Identify APMs to minimize impacts on soils.	Section 4.2 Agriculture and Forestry Resources Section 4.2.4 Applicants-Proposed Measures Section 4.6 Geology, Soils, and Seismicity Section 4.6.4 Applicants-Proposed Measures
	• Identify, describe, and group by milepost the soils affected by the proposed pipeline and aboveground facilities.	Section 4.6 Geology, Soils, and Seismicity Attachment 4.6-A: Geologic Hazard Assessment Section 4.6.3 Impacts
	• Identify the locations of known mineral resources that will be of value to the region or residents of the state in the vicinity of the project.	Section 4.11 Mineral Resources Section 4.11.2 Existing Conditions
	• Identify the locations of locally important mineral resource recovery sites delineated on local general plans, specific plans, or other land use plans within the vicinity of the project.	Section 4.11 Mineral Resources Section 4.11.2 Existing Conditions
6.8 Hazards and Hazardous Materials	In addition to an impacts analysis: • Provide an environmental data resources report, as applicable.	Section 4.7 Hazards and Hazardous Materials Attachment 4.8-A: Phase I Environmental Site Assessment
	• Provide a Hazardous Substance Control and Emergency Response Plan.	APM-HAZ-02 (Section 4.8.4 Applicants-Proposed Measures) requires the Applicants to prepare a Hazardous Materials and Waste Management Program prior to construction of the Proposed Project. The program will be prepared prior to construction, once final design is complete, and will be specific to the Proposed Project.

Location in Draft Checklist	Draft Checklist Item	Location in the PEA
6.8 Hazards and Hazardous Materials (cont.)	• Describe what chemicals will be used during construction and operation of the project.	Table 4.8-3: Hazardous Materials Typically Used During Construction
6.9 Hydrology and Water Quality	Identify all known EPA and state groundwater basins and aquifers crossed by the project and identify the locations of all known public and private groundwater supply wells and springs within 150 feet of construction.	Section 4.9 Hydrology and Water Quality Figure 4.9-1: Hydrologic Regions and Groundwater Basins Map Table 4.9-3: Groundwater Supply Wells Within 150 Feet of the Proposed Project
	Identify all potential sources of hydrostatic test water, the quantity of water required, methods for withdrawal, treatment of discharge, and any waste products generated.	Section 4.17 Utilities and Service Systems Section 4.17.3 Impacts
	Describe impacts to water quality, including increased runoff due to construction of impermeable surfaces, etc. Provide the acreage of new permeable surface that will be created as a result of the project.	Section 4.9 Hydrology and Water Quality Section 4.9.3 Impacts
	Identify APMs for groundwater impacts (see Section 7)	N/A
	Identify by milepost all ephemeral, intermittent, and perennial surface waterbodies crossed by the project. For each, list the water quality classification, if applicable. Identify waterbodies with a special status, such as designated surface water protection areas.	Section 4.9 Hydrology and Water Quality Table 4.9-2: USGS Blue-Line Hydrological Features Crossed by the Proposed Project Section 4.4 Biological Resources Table 4.4-11: Impacts to Potential USACE-Jurisdictional Drainages
	Identify by milepost all waterbody crossings that may have contaminated waters or sediments.	Section 4.9 Hydrology and Water Quality Table 4.9-5: 303(d)-Listed Waterbodies in the Proposed Project Vicinity
	Describe the proposed waterbody construction and restoration methods (see Section 7). Also identify any APMs to avoid or reduce impacts.	Table 3 1: Major Road, Utility, and Sensitive Resources Crossings Section 4.9 Hydrology and Water Quality Section 4.9.3 Impacts

Location in Draft Checklist	Draft Checklist Item	Location in the PEA
6.9 Hydrology and Water Quality (cont.)	Describe impacts to surface water quality, including the potential for accelerated soil erosion, downstream sedimentation, and reduced surface water quality.	Section 4.9 Hydrology and Water Quality Section 4.9.3 Impacts, Question 4.9c – Drainage Patterns – Erosion/Siltation Section 4.9.3 Impacts, Question 4.9d – Drainage Patterns – Runoff/Flooding Section 4.9.3 Impacts, Question 4.9e – Stormwater Runoff Section 4.9.3 Impacts, Question 4.9f – Water Quality Degradation
	Provide a table identifying all wetlands—by milepost and length—crossed by the project and the total acreage and acreage of each wetland type that will be affected by construction.	Section 4.9 Hydrology and Water Quality Section 4.4 Biological Resources Table 4.4-10: Impacts to Potential USACE-Jurisdictional Wetlands
	Provide a copy of the Wetland Delineation and supporting documentation (i.e., data sheets). If verified, provide supporting documentation. Additionally, GIS data of the wetland features should be provided.	Attachment C: Preliminary Wetlands and Waters Assessment of Attachment 4.4-A: Biological Resources Technical Report
	Provide original National Wetlands Inventory maps (or the appropriate state wetland maps, if National Wetlands Inventory maps are not available) that show all proposed facilities, and include milepost locations for proposed pipeline routes.	Attachment 4.9-B: National Wetlands Inventory Map
	Discuss construction and restoration methods proposed for crossing wetlands.	Section 3.6.9 Wetland and Waterbody Crossing Procedures
	Describe typical staging area requirements at waterbody and wetland crossings.	Section 3.6.9 Wetland and Waterbody Crossing Procedures

Location in Draft Checklist	Draft Checklist Item	Location in the PEA
6.9 Hydrology and Water Quality (cont.)	If wetlands will be filled or permanently lost, describe proposed measures to compensate for permanent wetland losses.	Section 4.4 Biological Resources Attachment C: Preliminary Wetlands and Waters Assessment of Attachment 4.4 A: Biological Resources Technical Report
	If forested wetlands will be affected, describe proposed measures to restore forested wetlands following construction.	Section 4.4 Biological Resources Attachment C: Preliminary Wetlands and Waters Assessment of Attachment 4.4 A: Biological Resources Technical Report
6.10 Land Use and Planning	In addition to an impacts analysis: • Classify and quantify land use affected by pipeline construction and permanent ROWs, extra work and staging areas, access roads, pipe and contractor yards, and aboveground facilities. Summarize the total acreage of land affected by construction and operation of the project.	Section 4.10 Land Use and Planning
	• Provide GIS data of all parcels within 300 feet of the project with the assessor's parcel number, the mailing address, and the parcel's physical address. [Note: Notice of all property owners within 300 feet of the project is required under General Order 131-D.]	Attachment 1-A: Geographic Information System Data
	• Provide a site-specific construction plan showing typical construction methods that will be used to minimize impacts to residences within 50 feet of construction work areas.	Section 3.6.6 Residential Construction Figure 3-14: Typical Residential Construction – Temporary Lane Closure Figure 3-15: Typical Residential Construction – Temporary Road Closure
	• Demonstrate that applications for ROWs or other proposed land use have been or soon will be filed with federal land-managing agencies that have jurisdiction over land that will be affected by the project.	Section 1.4 Agency Coordination

Location in Draft Checklist	Draft Checklist Item	Location in the PEA
6.10 Land Use and Planning (cont.)	• Provide detailed typical construction ROW cross-section diagrams showing information such as widths and relative locations of existing ROWs, new permanent ROW, and temporary construction ROW.	Figure 3-3: Typical Trench Cross-Section – Urban Figure 3-4: Typical Trench Cross-Section – Cross-Country Figure 3-5: Typical Urban ROW Cross-Section Figure 3-6: Typical Cross-Country ROW Cross-Section
	• Identify by milepost all locations where the pipeline ROW will at least partially coincide with existing ROW, where it will be adjacent to existing ROWs, and where it will be outside of existing ROW.	Table 3-4: Locations of Coinciding ROW
	• Identify by milepost all planned residential or commercial/business development and the timeframe for construction.	Section 4.18 Cumulative Analysis Table 4.18-1: Planned and Proposed Projects within One Mile of the Proposed Project
	• Identify by milepost all special land uses.	Section 4.10 Land Use and Planning; Table 4.10-2: Zoning Designations by Milepost; Table 4.10-4: Existing Land Uses by Milepost
	• Identify by beginning milepost and length of crossing all land administered by federal, state, or local agencies, or private conservation organizations.	Section 4.10 Land Use and Planning Section 4.10.2 Existing Conditions
	• Identify all facilities that will be within designated coastal zone management areas.	N/A
	• Identify all designated or proposed candidate National or State Wild and Scenic Rivers crossed by the project.	N/A

Location in Draft Checklist	Draft Checklist Item	Location in the PEA
6.11 Noise and Vibration	Quantify the existing noise levels (day-night sound level and other applicable noise parameters) at noise-sensitive areas and at other areas covered by relevant state and local noise ordinances. If new compressor station sites are proposed, measure or estimate the existing ambient sound environment based on current land uses and activities. For existing compressor stations (operated at full load), include the results of a sound level survey at the site property line and nearby noise-sensitive areas. Include a plot plan that identifies the locations and duration of noise measurements.	Section 4.12 Noise Section 4.12.2 Existing Conditions Table 4.12-6: Modeled Noise Contours in the Vicinity of the Proposed Project Table 4.12-7: Noise Monitoring Summary Table 4.12-8: Sensitive Noise Receptors within 300 Feet of the Proposed Project
	Provide long-term noise estimates for operational noise. Each new noise source (e.g., new compressor station) should be estimated separately.	Section 4.12 Noise Section 4.12.3 Impacts
	Provide site plans of compressor stations showing the location of the nearest noise-sensitive areas within one mile of the proposed ROW.	Section 4.12 Noise Figure 4.12-A: Noise Contour Maps
	Identify any nearby noise-sensitive areas by distance and direction from proposed compressor unit buildings/enclosures.	Section 4.12 Noise Figure 4.12-A: Noise Contour Maps Section 4.12.3 Impacts
	Identify applicable state and local regulations and how the facilities will meet regulations.	Section 4.12 Noise Section 4.12.2 Existing Conditions
	Identify manufacturer's specifications for equipment and describe measures proposed to mitigate impacts to noise quality, including mufflers, or insulation of piping and building, and orientation of equipment away from noise-sensitive areas.	Section 4.12 Noise Table 4.12-9: Noise Levels Generated by Typical Construction Equipment Section 4.12.3 Impacts
6.12 Population and Housing	For all major aboveground facilities and pipeline projects, describe the existing socioeconomic conditions within the project area.	Section 4.13 Population and Housing

Location in Draft Checklist	Draft Checklist Item	Location in the PEA
6.12 Population and Housing (cont.)	Quantify the impact on employment, housing, local government services, local tax revenues, transportation, and other relevant factors within the project area. Section 4 of this document can be referenced as applicable.	Section 4.12 Population and Housing Section 4.12.2 Existing Conditions Table 4.13-1: Population Totals and Trends Table 4.13-2: Housing Units and Vacancy Rates Table 4.13-3: Employment Figures and Unemployment Rates Table 4.13-4: Median Household Income Data
	Evaluate the impact of any substantial immigration of people on governmental facilities and services, and describe plans to reduce the impact on local infrastructure.	Section 4.12 Population and Housing Section 4.12.3 Impacts Section 4.17 Utilities and Service Systems Section 4.17.3 Impacts
	Describe on-site manpower requirements, including the number of construction personnel who currently reside within the impact area, who will commute daily to the site from outside the impact area, or who will relocate temporarily within the impact area. Section 4 of this document can be referenced as applicable.	Section 4.12 Population and Housing Section 4.12.3 Impacts
	Provide information on the project's growth-inducing impacts, if any. The information should include, but is not necessarily limited to, the following: • Any economic or population growth in the surrounding environment that will directly or indirectly result from the project. • Any increase in population that could further tax existing community service facilities (i.e., schools, hospitals, fire, police, etc.) that will directly or indirectly result from the project. • Any obstacles to population growth that the project will remove.	Section 4.12 Population and Housing Section 4.12.3 Impacts Section 5.3 Growth-Inducing Impacts

Location in Draft Checklist	Draft Checklist Item	Location in the PEA
6.12 Population and Housing (cont.)	• Any other activities directly or indirectly encouraged or facilitated by the project that will cause population growth that could significantly affect the environment, either individually or cumulatively.	Section 4.12 Population and Housing Section 4.12.3 Impacts Section 5.3 Growth-Inducing Impacts
6.13 Public Services and Utilities	Describe any major crossings of existing utilities (e.g., large diameter pipelines, high-voltage transmission ROWs, sewer collectors, etc.)	Table 3-1: Major Road, Utility, and Sensitive Resource Crossings Additional utilities may be identified through consultation with local jurisdictions prior to the final design of the Proposed Project.
	Describe how the project will not impede ingress and egress of emergency vehicles.	Section 4.14 Public Services Section 4.14.3 Impacts
6.14 Transportation and Traffic	Discuss traffic impacts resulting from construction of the project, including ongoing maintenance operations.	Section 4.16 Transportation and Traffic Section 4.16.3 Impacts Section 4.16-A: Traffic Analysis
	Provide a preliminary description of the traffic management plan that will be implemented during construction of the project.	Section 4.16.4 Applicants-Proposed Measures
6.15 Recreation	In addition to an impacts analysis: • Identify by milepost all natural, recreational, or scenic areas and all registered natural landmarks that will be crossed by the project.	Table 4.10-4: Existing Land Uses by Milepost Section 4.15 Recreation Section 4.15.1 Existing Conditions Table 4.15-1: Recreational Facilities within 0.5 Mile of the Proposed Project
6.16 Cumulative Analysis	Provide a list of projects (i.e., past, present, and reasonably foreseeable projects) within the project area.	Section 4.18 Cumulative Analysis Section 4.18.5 Foreseeable Future Projects 4.18.6 Foreseeable Projects Inventory 4.18.7 Existing/Operating Projects Table 4.18-1: Planned and Proposed Projects within One Mile of the Proposed Project

Location in Draft Checklist	Draft Checklist Item	Location in the PEA
6.16 Cumulative Analysis (cont.)	Provide a list of projects that have the potential to be proximate in space and time to the project.	Section 4.18 Cumulative Analysis 4.18.8 Potential Cumulative Impacts Table 4.18-1: Planned and Proposed Projects within One Mile of the Proposed Project
6.17 Reliability and Safety	Describe how the project facilities will be designed, constructed, operated, and maintained to minimize potential hazards to the public from the failure of project components as a result of accidents or natural catastrophes.	Section 3.4 Project Components Section 4.8 Hazards and Hazardous Materials Attachment 4.8-B: Safety Study
	Provide a narrative describing the history of the pipeline system(s) to which the project will connect, a list of previous owner and operators, and a summary of the pipeline system(s)' safety and inspection history.	Section 3.1 Existing System
7.1 Applicant-Proposed Measures to Minimize Significant Effects	Within the Environmental Impact Assessment Summary, for impacts where a number of mitigation measures are available to reduce impacts, each mitigation measure should be discussed, and the basis for selecting a particular mitigation measure should be stated.	Table 3-10: Applicants-Proposed Measures The Impacts section under each resource area explains why each measure was selected.
7.2 Description of Project Alternatives and Impact Analysis	Provide a summary of the alternatives considered that will meet most of the objectives of the project and an explanation as to why they were not chosen.	Section 5.2 Description of Project Alternatives and Impact Analysis
	Alternatives considered and described by the applicant should include, as appropriate: • system or facility alternatives, • major and minor route alternatives, • route variations, and • alternative locations for aboveground facilities.	Section 5.2 Description of Project Alternatives and Impact Analysis
	A description of a "No Project Alternative" should be included.	Section 5.2.3 Alternatives Fully Evaluated

Location in Draft Checklist	Draft Checklist Item	Location in the PEA
7.2 Description of Project Alternatives and Impact Analysis (cont.)	If significant environment effects are assessed, the discussion of alternatives will include alternatives capable of substantially reducing or eliminating any said significant environmental effects, even if the alternative(s) substantially impede the attainment of the project objectives and are more costly.	Table 5-1: Alternatives Screening Matrix Section 5.2.5 Conclusion
7.3 Suggested Applicant-Proposed Measures to address Greenhouse Gas Emissions	A menu of suggested APMs that applicants can consider. Applicants can and are encouraged to propose other GHG-reducing mitigations. Priority is given to on-site and/or nearby mitigation measures. Off-site mitigation measures within California will be considered. 1. If suitable park-and-ride facilities are available in the project vicinity, construction workers will be encouraged to carpool to the job site to the extent feasible. The ability to develop an effective carpool program for the project will depend on the proximity of carpool facilities to the job site, the geographical commute departure points of construction workers, and the extent to which carpooling will not adversely affect workers' arrival time and the project's construction schedule. 2. To the extent feasible, unnecessary construction vehicle and idling time will be minimized. The ability to limit construction vehicle idling time is dependent on the sequence of construction activities and when and where vehicles are needed or staged. Certain vehicles, such as large diesel-powered vehicles, have extended warm-up times following start-up that limit their availability for use. Where such diesel-powered vehicles are required for repetitive construction tasks, these vehicles may require more idling time. The Proposed Project will apply a "common-sense" approach to vehicle use; if a vehicle is not required for use immediately or continuously for construction activities, its engine will be shut off. Construction foremen will brief crews on vehicle use as part of pre-construction conferences. Those briefings will include discussion of a "common-sense" approach to vehicle use.	Section 3.11 Applicants-Proposed Measures Table 3-10: Applicants-Proposed Measures Section 4.3 Air Quality Section 4.16 Transportation and Traffic

Location in Draft Checklist	Draft Checklist Item	Location in the PEA
7.3 Suggested Applicant-Proposed Measures to address Greenhouse Gas Emissions (cont.)	3. Use low-emission construction equipment. Maintain construction equipment per manufacturing specifications and use the low-emission equipment described here. All off-road construction diesel engines not registered under the California Air Resources Board Statewide Portable Equipment Registration Program will meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines as specified in Title 13, Section 2423(b)(1) of the California Code of Regulations. 4. Applicants can propose other GHG-reducing mitigations.	Section 3.11 Applicants-Proposed Measures Table 3-10: Applicants-Proposed Measures Section 4.3 Air Quality Section 4.16 Transportation and Traffic

Table 1-2: Less-Than-Significant Impacts with Implementation of APMs

Resource Area	Potential Less-Than-Significant Impact(s) with Implementation of APMs
Air Quality	• Temporary pollutant emissions during construction
Aesthetics	• Permanent impacts due to visual character degradation from the Line 1600 Cross-Tie facility • Temporary increases of light or glare during potential nighttime construction
Agriculture and Forestry Resources	• Temporary conversion of Prime Farmland, Farmland of Statewide Importance, or Unique Farmland within temporary workspace • Temporary conversion of agricultural lands within temporary workspace
Biological Resources	• Temporary disturbance of sensitive species behavior and temporary loss of habitat resulting from construction activities • Temporary disturbance to sensitive natural communities due to vegetation clearing and ground disturbance • Temporary disturbance to jurisdictional waters during construction • Temporary interference with native wildlife movement during construction
Cultural, Tribal, and Paleontological Resources	• Permanent change in the significance of a historical resource resulting from potential damage during construction • Permanent adverse change in the significance of an archaeological resource resulting from potential damage during construction • Permanent destruction of a unique paleontological resource, site, or geologic feature during construction • Temporary disturbance of human remains during construction
Geology, Soils, and Seismicity	• Exposure of people or structures to liquefaction or seismic settlement and potential slope movement on steep slopes during the operation phase of the Proposed Project • Temporary soil erosion or topsoil loss during construction in cross-country areas • Potential impacts resulting from lateral spreading, subsidence, or liquefaction during the operation phase of the Proposed Project following a strong seismic event
Hazards and Hazardous Materials	• Temporary spills or unauthorized releases of hazardous materials during hazardous material transport, use, or disposal during construction • Temporary use of hazardous substances in close proximity to schools

Resource Area	Potential Less-Than-Significant Impact(s) with Implementation of APMs
	• Encounters with existing hazardous materials sites during excavation activities • Interference with emergency Evacuation and Response Plan by construction activities
Hydrology and Water Quality	• Water quality degradation and potential waste discharge violations from ground disturbance and construction activities
Noise	• Temporary and permanent noise emission in excess of standards from heavy equipment during construction and operations • Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels from heavy equipment during construction • Permanent ambient noise level increases from operation of pressure-limiting equipment
Public Services	• Temporary restricted access to schools due to construction within roadways and generation of construction noise potentially disturbing nearby schools
Recreation	• Temporary restrictions to recreational facilities use due to construction-related detours or partial closure
Transportation and Traffic	• Temporary conflicts with traffic plans or policies during construction within roadways • Temporary increases in hazards during construction within roadways • Temporary interference with emergency access during construction within roadways • Temporary conflicts with alternative transportation during construction within roadways
Utilities and Service Systems	• Temporary reduction in water supply availability due to construction water needs

In addition, construction of the Proposed Project will contribute to temporary, potentially significant cumulative impacts to air quality, noise, and transportation and traffic in conjunction with the construction of adjacent or intersecting planned and proposed projects. No other potentially significant cumulative impacts are anticipated to occur. Further detail is provided in Section 4.18 Cumulative Analysis.

1.7 AREAS OF CONTROVERSY AND ISSUES TO BE RESOLVED

The Applicants anticipate that the Proposed Project will be controversial. Areas of potential controversy include the potential environmental impacts associated with the Proposed Project, as well as questions about the location, safety, alternatives, need for, and benefits of the Proposed Project. The Applicants anticipate that all of these issues will be resolved in the environmental and regulatory processes, as appropriate. Nonetheless, and in an effort to address these concerns proactively and engage the public, the Applicants have initiated comprehensive outreach efforts aimed at public education about the Proposed Project. These efforts include extensive public agency coordination and public outreach described in Section 1.4 Agency Coordination and Section 1.8 Inter-Agency Coordination and Public Outreach Efforts.

1.8 INTER-AGENCY COORDINATION AND PUBLIC OUTREACH EFFORTS

Agency coordination and consultation is discussed in Section 1.4 Agency Coordination. The Applicants have specifically requested and initiated inter-agency coordination with CPUC and MCAS Miramar. The Applicants have developed a comprehensive and proactive public outreach plan that is aimed at increasing public awareness and facilitating public engagement on the Proposed Project. As part of these efforts and prior to filing the Application, the Applicants proactively initiated discussions with representatives from government agencies, elected officials, community leaders, major customers, local media, and other interested stakeholders throughout the San Diego region. To date, the Applicants have conducted over 60 meetings and discussions, during which the Applicants provided information and answered questions about the role of natural gas, the natural gas transmission system and the Proposed Project, including the Proposed Route, potential environmental impacts, and alternatives.

Additionally, the Applicants hosted four public open houses along the Proposed Route prior to filing the Application. Community open houses were held on the following dates:

- September 14, 2015 at the Pala Mesa Resort in the community of Fallbrook;
- September 15, 2015 at the California Center for the Arts in the City of Escondido;
- September 16, 2015 at the Poway Hampton Inn in the City of Poway; and
- September 17, 2015 at the Al Bahr Shrine Temple in the City of San Diego.

Email invitations for the open houses were sent to local elected officials and local government staff who had been previously briefed on the Proposed Project between January and September 2015. In addition, public notices were mailed to residences within 300 feet of the Proposed Project and residences within 100 feet of each of the Proposed Project alternatives, totaling over 23,000 invitations.

Advertisements for the open houses were also published on the following dates:

- September 6, 2015 in the Union Tribune;
- September 10, 2015 in the Fallbrook/Bonsall Village News;
- September 10, 2015 in the Pomerado News Journal;
- September 10, 2015 in the Valley Roadrunner Newspaper; and
- September 10, 2015 in the Times Advocate – Escondido.

Spanish versions of the advertisements were published in El Latino Newspaper on September 11, 2015 and in Enlace Newspaper on September 12, 2015. Copies of the public notice mailer, English-language newspaper advertisement, and Spanish-language newspaper advertisement are included as Attachment 1-B: Public Open House Invitations. Approximately 120 people attended the four open houses, including local elected and other public officials, media personnel, members of the Scripps Ranch Planning Group, members of homeowner associations, and local residents. Comments from the public were collected and are included as Attachment 1-C: Open House Comments.

In addition to hosting the open houses, the proactive public outreach efforts for the Proposed Project have included the following:

- mailed notices to landowners in advance of environmental surveys conducted in support of the PEA analysis;
- briefings with local, regional, state, and federal government officials, with additional follow-up meetings anticipated;
- discussions with community leaders, major customers and stakeholders around the region;
- meetings with MCAS Miramar, Caltrans and other agencies as described in Section 1.4;
- presentation to the San Diego County Fire Chiefs' Association;
- outreach to public and private schools located along the Proposed Route;
- a media interview and briefings with the San Diego Union-Tribune;
- media briefings with XETV-6, NBC 7, and The Voice of San Diego, with additional briefings anticipated with KGTV, KUSI, and community newspapers along the Proposed Project route;
- a dedicated information telephone line for the Proposed Project; and
- a dedicated webpage on SDGE.com.

Outreach efforts will continue following the September 30, 2015 filing of the PEA.

ATTACHMENT 1-A: GEOGRAPHIC INFORMATION SYSTEM DATA

A CD containing the relevant GIS data layers for the Proposed Project has been submitted under separate cover due to its confidential nature.

ATTACHMENT 1-B: PUBLIC OPEN HOUSE INVITATIONS

ATTACHMENT 1-C: OPEN HOUSE COMMENTS