

Panel One:

TIE LINE 649 WOOD-TO-STEEL REPLACEMENT PROJECT

Panel Two:

THE BASICS

- Stay within approved work areas and access roads
- Obey all Project signage and flagging
- Scan work areas for wildlife or nest
- Do not refresh access roads without prior authorization from LEI
- Do not litter
- Limit vehicle speed limits on unpaved roads to 15 miles per hour (10 miles per hour at night)
- Do not bring pets or firearms to the site
- Clean up and report all spills immediately
- Maintain firefighting equipment in vehicles for the duration of construction
- Do not drive on access roads from Pole 84 to 96 when wet
- When in doubt, ask!

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Panel Three:

SETTING THE STANDARD

San Diego Gas & Electric Company (SDG&E) is committed to constructing the Tie Line 649 Wood-to-Steel Replacement Project (Project) in a manner that protects the environment and complies with environmental laws and regulations. This brochure provides a summary of the Project's environmental protection measures, which are described in the Project's permits and plans. These permits and plans include, but are not limited to, the following:

- Mitigation Monitoring, Compliance & Reporting Plan
- Archaeological Treatment & Monitoring Plan
- Burrowing Owl Monitoring & Mitigation Plan
- Construction Fire Prevention/Protection Plan
- Construction Noise Management Plan
- Low-Effect Habitat Conservation Plan
- Subregional Natural Communities Conservation Plan
- Unanticipated Soil Contamination Handling Plan
- Storm Water Pollution Prevention Plans

ENVIRONMENTAL PROTECTION MEASURES

Hazardous Materials Management

- Inspect vehicles and equipment regularly for leaks
- Clean up spills immediately and report them to the LEI as soon as possible
- Maintain spill response kits on site
- Store hazardous materials in designated areas and within secondary containment
- If discolored or odiferous soil or groundwater is encountered, stop work and notify the LEI
- Ensure that an unexploded ordnance (UXO) technician is on site during all earth disturbing activities in potential hazard areas (between Poles 63 and 96) within the Formerly Used Defense Site (FUDS) boundary
- Stop work and notify the San Diego County Sheriff's [Bomb and Arson Unit and the Department of Toxic Substance Control](#)- if a UXO is encountered
- Soil testing must occur prior to excavation within 500 feet of FUDS boundary

Panel Four:

ENVIRONMENTAL PROTECTION MEASURES:

Dust Control and Air Quality

- Limit idling times to 5 minutes or less
- Construction equipment must meet Tier 3 standards

Noise Mitigation

- Construction within 100 feet of residences or other sensitive uses must abide by site-specific measures to reduce noise to less than 75 dBA during a 12-hour period or to the maximum extent practicable
- Work hours are 7 a.m. to 7 p.m. Monday through Saturday, no work on Sundays or holidays

SPECIAL STATUS PROTECTION

Quino Checkerspot Butterfly (QCB)

- Small orange butterfly which flies within coastal sage scrub habitat from February-April
- Caterpillars and eggs persist year-round near host plant
- Federally listed as endangered

Protection for QCB

- Avoid flagged host plants

San Diego Fairy Shrimp and Vernal Pools

- Approximately 0.25-0.5 inches within inundated pools
- Cysts (eggs) persist within dried pools all year round
- Federally listed as endangered

Protection for Fairy Shrimp and Vernal Pools

- Avoid vernal pools (marked with orange safety fencing)
- Refuel at least 100 feet from all vernal pools
- No staging, parking, or storage is allowed within or adjacent to vernal pools
- An Aquatic Resource Monitor is required for construction activities conducted in vernal pool areas
- Vernal pools in roads may only be crossed when dry as determined by the aquatic resource monitor, absolutely no ground disturbance may occur within the pools

Panel 5:

ENVIRONMENTAL PROTECTION MEASURES

Aquatic Features/Water Quality/ Erosion and Sediment Control

- Implement the Storm Water Pollution Prevention Plan
- Maintain best management practices to prevent soil erosion, sediment run-off, and other pollutants
- Work is not allowed within jurisdictional aquatic features (Otay River, streambeds, and wetlands)
- Work within 25 feet of a drainage requires a monitor
- Do not work in areas with sensitive aquatic resources if forecasts predict a 40-percent (or higher) chance of rain
- Do not park vehicles or equipment in drainages or wetlands
- Minimize soil disturbance

SPECIAL STATUS PROTECTION

Special Status Birds

Least Bell's Vireo: (Federally and State-Listed as Endangered)

Western Burrowing Owl (BUOW): (Listed as a CDFW Species of Special Concern)

Coastal California gnatcatcher (Federally-listed as Threatened)

Protection for Special-Status Bird Species

- Report any special-status bird sightings, nests, or BUOW burrows to a biological monitor
- Ensure no disturbance occurs within the buffers established by the biological monitor

Special Status Plants

Otay Tarplant- yellow flower found in grasslands, maritime and inland coastal sage scrub. Federally-listed as threatened, and State-listed as endangered.

Protection for Special-Status Plants

- Limit vegetation removal to the minimum amount necessary to complete work and only work within defined work space
- Confirm that a biological monitor is present during ground-disturbance and vegetation removal activities

Panel 6:*General Biological Resource Protection*

Sensitive biological resources include, but are not limited to, special-status mammal, reptile/amphibian, avian, invertebrate, and plant species; nesting birds; hydrological resources; and sensitive species habitat. To protect biological resources:

- Do not harm, harass, collect, or feed wildlife
- Verify pre-construction surveys have been completed prior to starting work at a site
- Inspect trenches and cover open holes at the end of each work day to prevent wildlife entrapment
- Do not clear brush from February to September without prior approval from biological monitor

Nesting Birds

Special restrictions apply during the nesting bird season (January 15 –August 31). Consult with a biological monitor prior to starting work during this period.

Cultural and Paleontological Resources



Cultural resources include, but are not limited to, archaeological sites, sacred sites, tribal cultural resources, historical buildings, and other features of the historic built environment. Paleontological resources are the remains of ancient plants and animals that can provide information about the history of life on earth. To protect cultural and paleontological resources:

- Ensure an archaeologist and Native American monitor are present during initial ground disturbance if within 50 feet of any archaeological site
- If unanticipated discoveries are identified, halt work within 50 feet of the discovery and notify SDG&E
- If human remains are discovered suspend construction within at least 100 feet and notify the San Diego County Coroner
- Do not conduct work without a qualified paleontological monitor at the 100 poles located within paleontologically sensitive formations

Photographs and Graphics:

The following tables include the photographs and graphics which will be included on each panel of the brochure.



Panel 1:

<i>Photograph of the SR-125 Bridge</i>	<i>TL649 Hard Hat Decal</i>
 A photograph of a long, multi-span concrete bridge with several tall, rectangular piers. The bridge is set against a clear blue sky and a dry, hilly landscape with some sparse vegetation.	 A circular logo for the Environmental Awareness Program. The outer ring contains the text "Environmental Awareness Program" at the top and "The Line 649 Wood-to-Steel Replacement Project" at the bottom. Inside the ring, there is a stylized graphic of a power line tower and a hard hat. The SDGE logo is prominently displayed in the center.


Panel 2:

<p><i>No photographs or graphics are included on this panel</i></p>





Panel 3:

<i>Example Photograph of Properly Stored Hazardous Materials</i>	<i>Map of FUDs Site</i>
 A photograph showing several large white bags of hazardous material stacked on a yellow pallet. There are also some black drums and a yellow spill kit nearby. The scene is outdoors in a fenced-in area under a clear sky.	 A topographic map of a site with a yellow boundary line outlining a specific area. The map shows terrain features, roads, and some buildings. An inset map in the bottom left corner shows the site's location within a larger regional context.

Panel 4:

<p><i>Example Photograph of QCB</i></p>	<p><i>Example Photograph of Fairy Shrimp</i></p>
	

Panel 5:

<p><i>Example Photograph of Least Bell's Vireo</i></p>	<p><i>Example Photograph of Western Burrowing Owl</i></p>
	
<p>Example Photograph of Coastal California gnatcatcher</p>	<p><i>Example Photograph of Otay Tarplant</i></p>
	

Panel 6:

<p>Example Photograph of Active Nest</p>	<p><i>Example Photograph of Cultural Resources</i></p>
