

Southern California Edison
MESA PTC A.15-03-003

DATA REQUEST SET A.15-03-003 ED-SCE-01

To: ENERGY DIVISION
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Question Q.08:

Trenchless Techniques

Page 3-100 of the PEA indicates that alternative trenchless methods would be used to install underground conduits where open-cut trenching may not be permitted, feasible, or preferred. Provide the anticipated jack-and-bore and HDD locations for the proposed project.

Response to Question Q.08:

There are three areas currently anticipated to require these trenchless methods, though these locations may change as design and construction sequencing reviews continue through 2015.

The jack-and-bore operation would be necessary in order to install the relocated Metropolitan Water District pipeline across Potrero Grande Drive. This would allow the work to proceed without significant traffic interruptions and would help avoid impacts to other existing underground utilities typically found in the street (i.e., water, sewer, storm drain, electrical, telephone, cable television).

The horizontal directional drilling (HDD) operations would most likely be required to install several of the new subtransmission duct banks from the interior of the substation to the north side of Potrero Grande Drive, in order to resolve the change in grade between those areas and to help avoid impacts to other existing underground utilities typically found in the street.

Depending on the construction schedule for the Monterey Park Market Place commercial development, and their expected improvements and/or modifications to the existing alignment of Greenwood Avenue, it may also be necessary to perform a jack-and-bore operation to install the subtransmission duct banks across that street in order to avoid sawcutting a newly paved road and to help avoid impacts to other existing underground utilities typically found in the street.

In either case, all open excavation areas (i.e., jacking or receiving pits or HDD equipment setup area) would be located off of the paved surfaces of Potrero Grande Drive or Greenwood Avenue. See the included attachment, titled "Proposed Mesa trenchless locations.pdf" for an approximate graphical representation of these two locations.