

Southern California Edison
Circle City and Mira Loma-Jefferson PTC A.15-12-007

DATA REQUEST SET A1512007 ED-SCE-18

To: ENERGY DIVISION

Prepared by: Jason Arias

Title: Planner

Dated: 08/10/2018

Question 18.09:

Provide details how the underground vaults would be designed to be able to be lowered within roadways. Describe how any underground vaults within Hellman Avenue that would be associated with converting the existing Archibald-Chino-Corona 66 kV line crossing to underground would be sited to avoid placing the vault(s) outside of future driveways, streets, landscaped areas, etc., in order to not impact future developments and provide information showing the specific details of how this underground relocation would affect the existing property frontage on the west side of Hellman Avenue.

Response to Question 18.09:

The proposed underground facilities for the existing Archibald-Chino-Corona 66 kV line on Hellman Avenue would be located approximately 350 feet south of Outback Way. The new vault is proposed to be installed adjacent to the center line in the north bound lane of the roadway. This new 10'x20'x9.5' transmission vault would be placed several feet below existing street grade, and pre-cast vault grade rings would sit above the vault enclosure to project the vault lid to the existing street level. The use of grade rings (the addition of or removal of) provides the ability to adjust the vault lid elevation should the grade be changed in the future within a range of approximately +/-1 foot. It is also possible to make small adjustments to the installed depth of the vault (deeper or shallower) in order to accommodate future planned adjustments in the street grade, but these adjustments are limited by the structural capabilities of the vault. The final location of the underground facilities (ducts and vault) will be determined during final engineering. Final engineering would include evaluation of existing and approved features along the Hellman Avenue right-of-way, including but not limited to, existing and planned drive ways, street light poles, underground utilities, and other features. Underground facilities would be planned so as not to conflict with these features.