

SECTION 33 02 00**UTILITY CROSSINGS**
Last Updated: March 3, 2014**Part 1 GENERAL****1.1 SECTION INCLUDES**

- A. Requirements regarding any utility crossing of the Salt lake Aqueduct (SLA) or Point of the Mountain Aqueduct (POMA).
- B. For specific requirements on coordinating with DISTRICT prior to performing Utility Crossings refer to Section 01 31 13 COORDINATION
- C. For specific requirements on test excavations and potholing prior to performing Utility Crossings refer to Section 31 23 16 EXCAVATION

1.2 LICENSE AGREEMENT

- A. All utility crossings require a license agreement.

Part 2 PRODUCTS**2.1 CARRIER PIPE**

- A. Carrier pipes shall consist of either welded steel pipe or welded high density polyethylene (HDPE) pipe. Coating, lining and thickness of carrier pipes shall be approved by the General Manager.

2.2 LOCATOR WIRE

- A. Any nonmetallic encroaching structure below ground level shall be accompanied with an approved locator wire running across the entire length of DISTRICT right of way.

2.3 BACKFILL

- A. If material from the excavation is not suitable as backfill, it shall be removed from the site by and at the expense of the Grantee.

2.4 BEDDING FOR PIPE OR OTHER DISTRICT FACILITIES, COMPACTION

- A. Grantee is required to comply with District requirement related to bedding of pipe and other District facilities and compaction requirements.

Part 3 EXECUTION**3.1 CROSSING REQUIREMENTS**

- A. All utility crossings shall provide a minimum of eighteen (18) inches of clearance between pipeline or conduit and the SLA or POMA & POMA Fiber. All utility crossings shall be visually inspected to verify minimum separation.
- B. All sewer lines shall be installed in a carrier pipe extending a minimum of

- 25 feet each side of SLA or POMA centerline, as directed by DISTRICT.
- C. All culinary pipeline crossings under the SLA or POMA shall be installed in a carrier pipe extending a minimum of 25 feet each side of SLA or POMA centerline, as directed by DISTRICT.
 - D. Angles of crossing utilities shall be 90 degrees in relation to the SLA or POMA whenever practicable, and not less than 60 degrees. Parallel utilities are not allowed within DISTRICT rights of way.
 - E. Metal pipes which are in close proximity to and may affect DISTRICT aqueducts shall implement corrosion protection measures that provide adequate protection of the DISTRICT's facilities.
 - F. Boring of utility crossings may be allowed by the DISTRICT. Decisions will be made on a case by case basis.
 - G. Any buried utility shall be accompanied with warning tape. This tape shall be located 12 inches above the structure and extend from right of way edge to right of way edge.
 - H. Manholes, clean-outs, pull boxes and similar structures are not permitted within DISTRICT rights of way.
 - I. Construction of utility crossings shall adhere to applicable state, city and county regulations.

3.2 LICENSE AGREEMENT

- A. Utility crossings of Aqueduct Corridors require a License Agreement on an individual basis.
- B. Where utilities will be constructed by or for a developer, but owned by or dedicated to a third party, DISTRICT will require the License Agreement to be signed by both the developer and that third party.
- C. Fees associated with License Agreements are per DISTRICT's fee schedule.