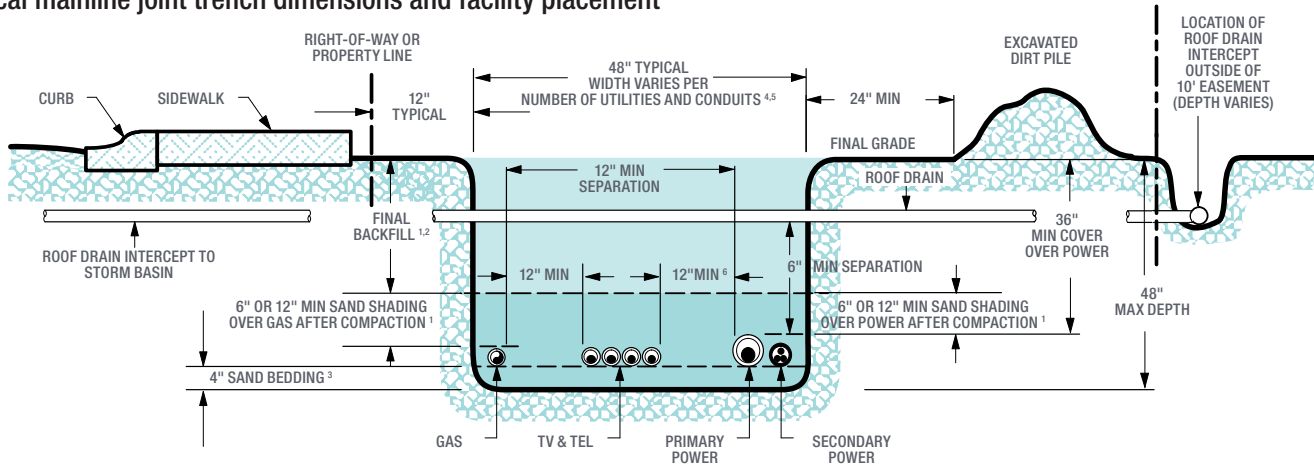


CALL PSE'S CUSTOMER CONSTRUCTION SERVICES AT 1-888-321-7779 OR VISIT PSE.COM/CUSTOMERCONSTRUCTION FOR MORE INFORMATION

PLEASE NOTE: PSE recommends the installation of gas lines at the very end of the utility construction schedule.

Typical mainline joint trench dimensions and facility placement

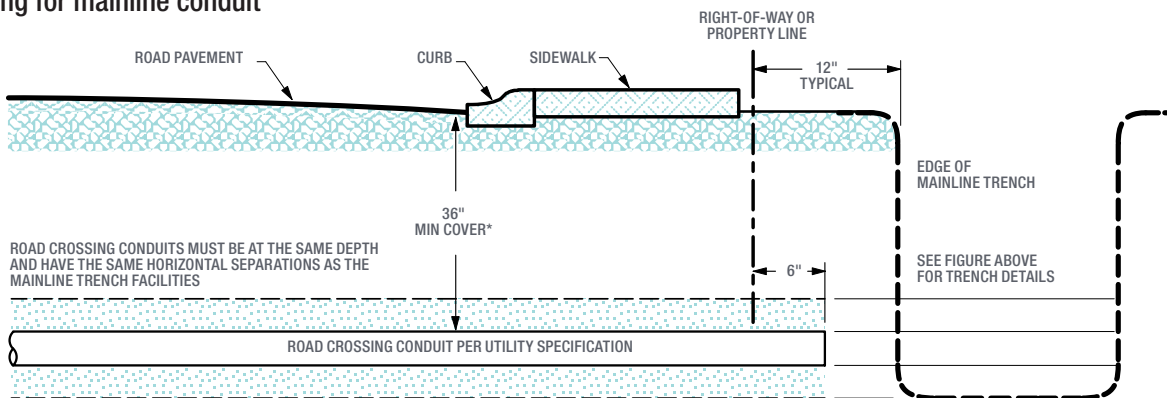


NOTES:

1. If the final backfill contains rocks **greater than 8 inches in diameter**, install **12 inches of compacted sand shading** across the full width of the trench*.
2. If the final backfill contains rocks **8 inches in diameter or smaller**, install **6 inches of compacted sand shading** across the full width of the trench*.
3. Rocks **greater than 10 inches in diameter** are not permitted in the final backfill.
4. Sand bedding is required under PSE gas pipe. Bedding is not required for the full width of the trench; it shall extend from the side of the trench nearest to where the gas main/service is installed to a minimum of 6 inches on the opposite side of the gas line.
5. Utilities shall not be stacked over the gas line in the trench.
6. If wet utilities will be included in the trench, please contact PSE or local power company directly for clearance requirements.
7. Reduced clearance of 4 inches between power and communication must have approval of participating communications companies.

* Alternatives to full-width trench shading require PSE approval.

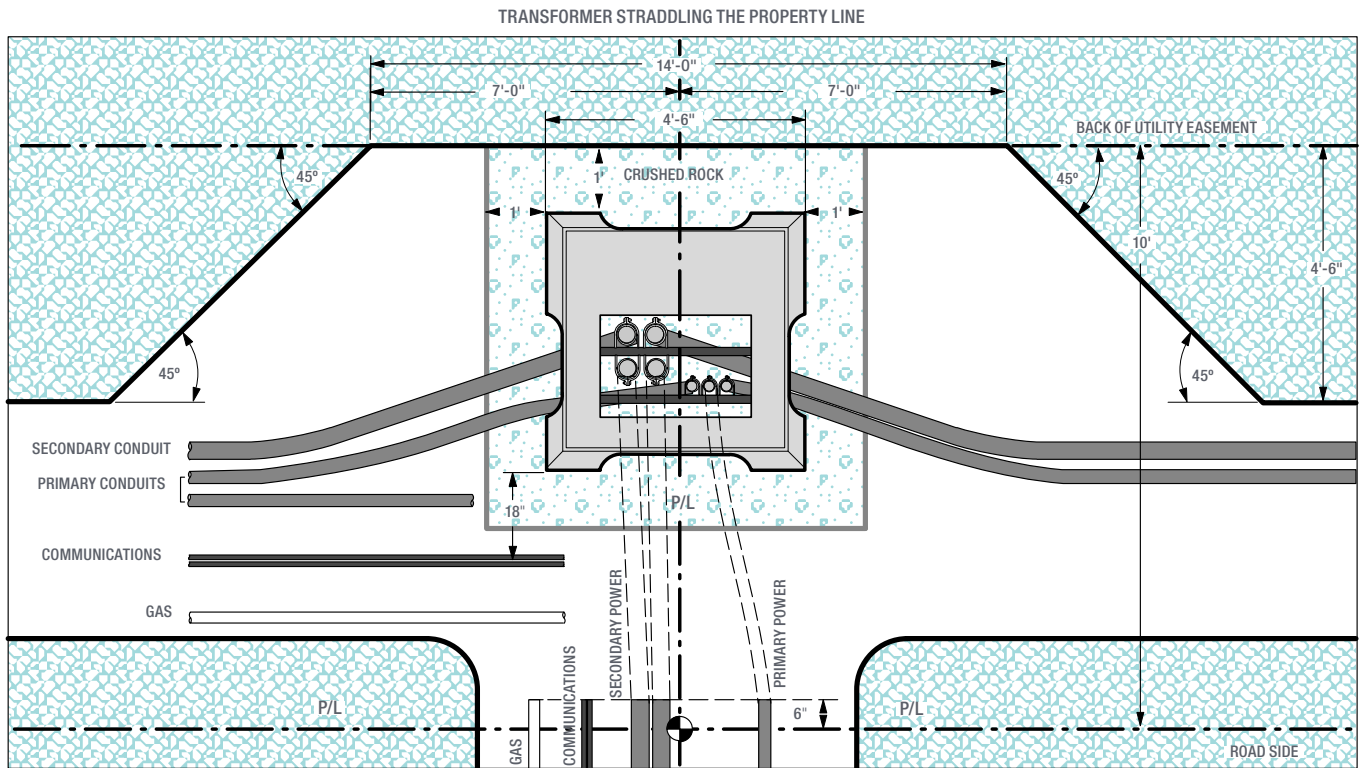
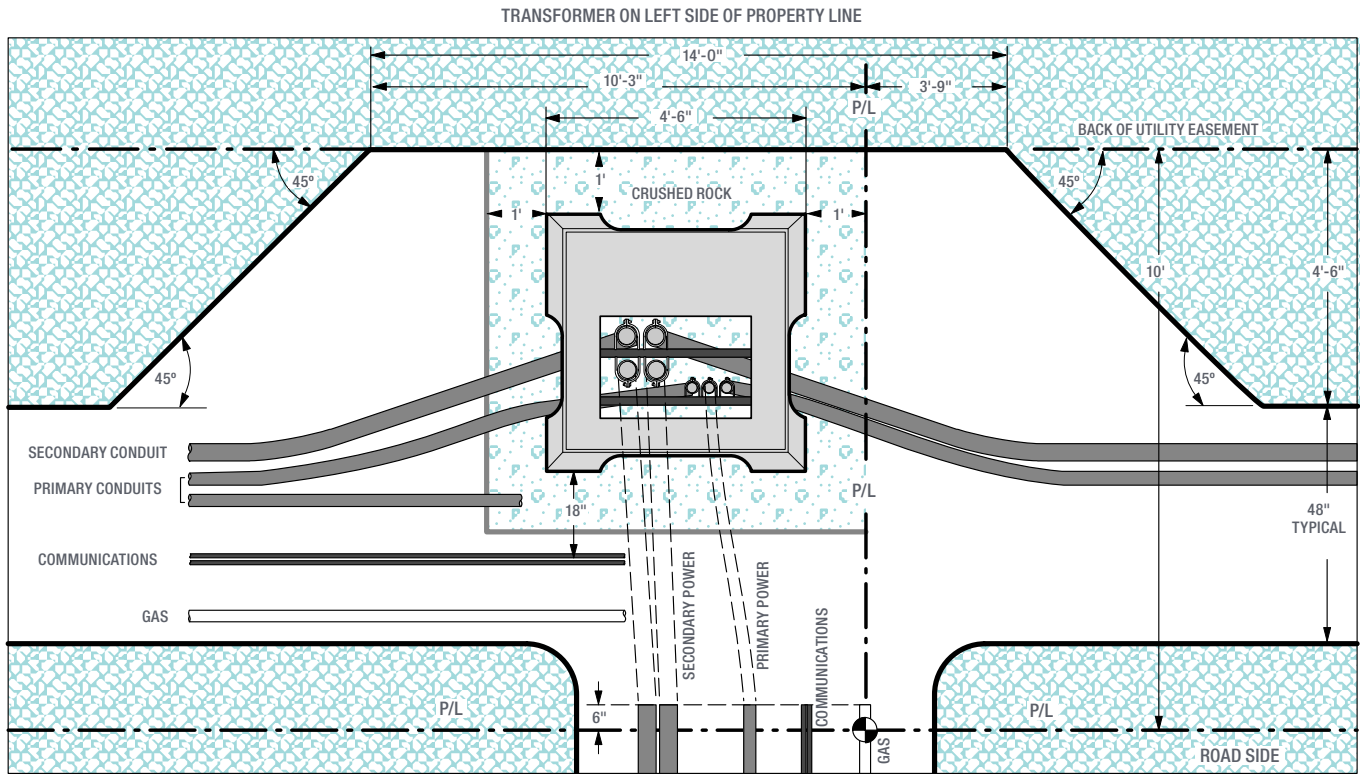
Road crossing for mainline conduit



* SOME JURISDICTIONS MAY REQUIRE A DEEPER INSTALLATION. CONSULT YOUR PSE PROJECT MANAGER FOR SPECIFIC DEPTH.

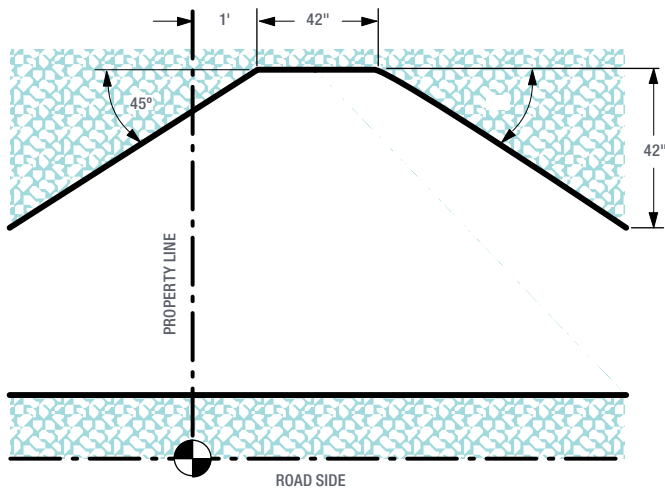
Joint utility mainline trench excavation requirements

Excavation dimensions and crossing conduit locations

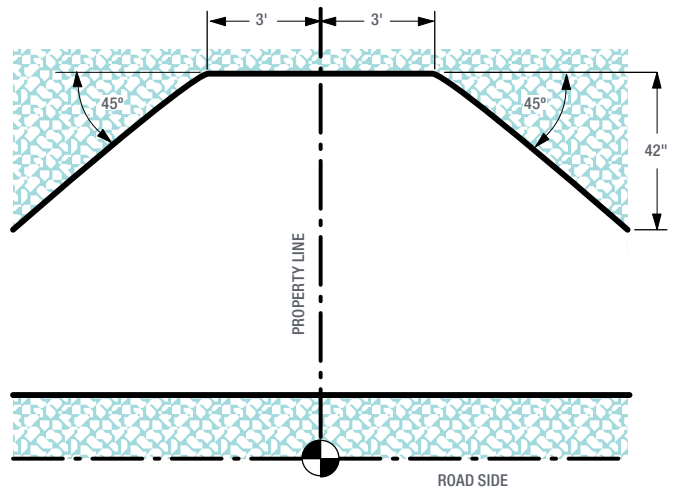


Joint utility mainline trench excavation requirements

Stubout excavation dimensions

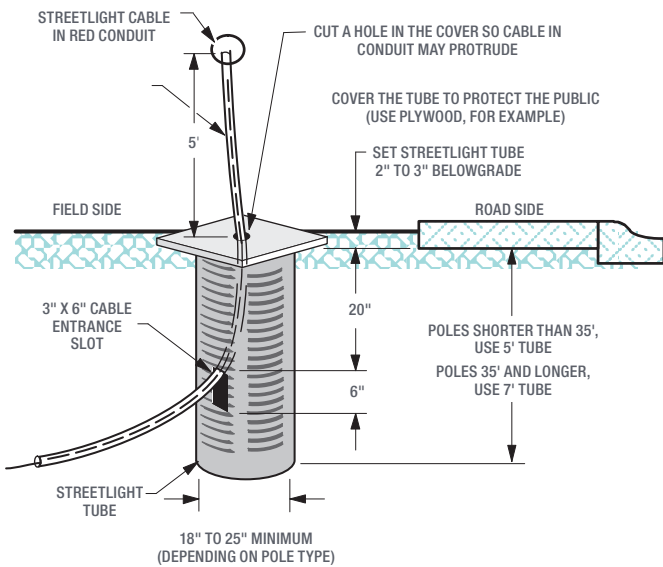


TOP VIEW OF MAINLINE TRENCH FOR SINGLE STUBOUT LOCATION

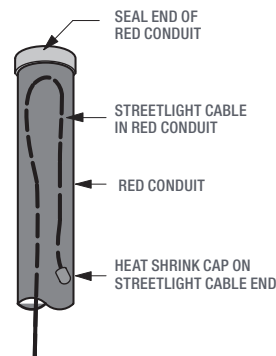


TOP VIEW OF MAINLINE TRENCH FOR PEDESTAL OR DOUBLE STUBOUT LOCATION

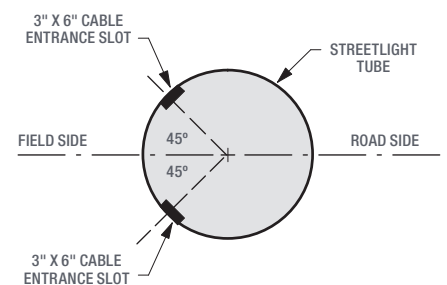
Streetlight tube installation



DETAIL OF RED CONDUIT AND STREETLIGHT CABLE



TOP VIEW OF STREETLIGHT TUBE



NOTE: Position the 3-inch x 6-inch cable entrance slot 45 degrees left or right from a line perpendicular to the roadway



**Know what's below.
Call before you dig.**

