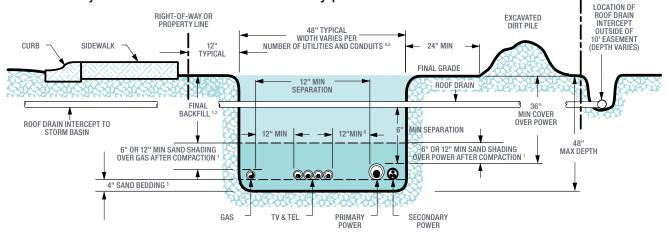
## Joint utility mainline trench excavation requirements (FORM 2809)



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

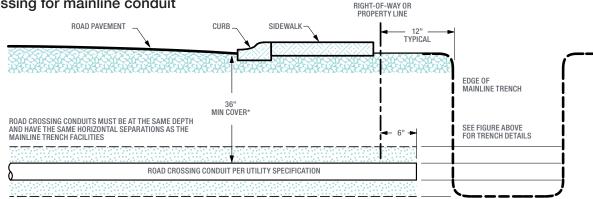
### Typical mainline joint trench dimensions and facility placement



#### **NOTES:**

- 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. '
  - 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. \*
- Rocks greater than 10 inches in diameter are not permitted in the final backfill.
- 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.
- Utilities shall not be stacked over the gas line in the trench.
- If wet utilities will be included in the trench, please contact PSE or local power company directly for clearance requirements.
- Reduced clearance of 4 inches between power and communication must have approval of participating communications
- \* Alternatives to full-width trench shading require PSE approval.

# Road crossing for mainline conduit

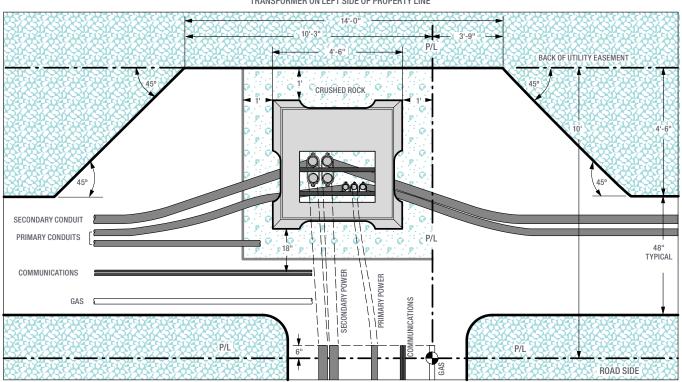


\* SOME JURISDICTIONS MAY REQUIRE A DEEPER INSTALL ATION. CONSULT YOUR PSE PROJECT MANAGER FOR SPECIFIC DEPTH.

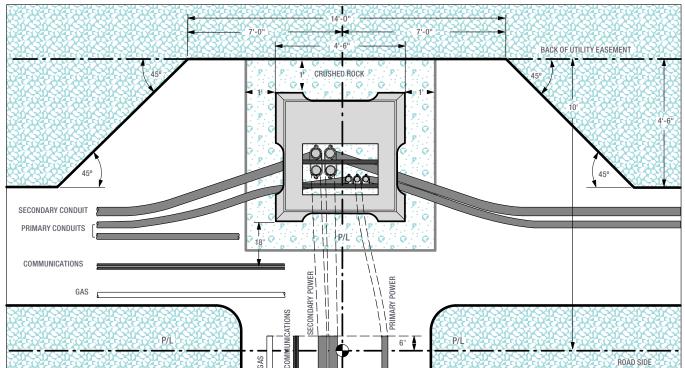
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## Excavation dimensions and crossing conduit locations

#### TRANSFORMER ON LEFT SIDE OF PROPERTY LINE



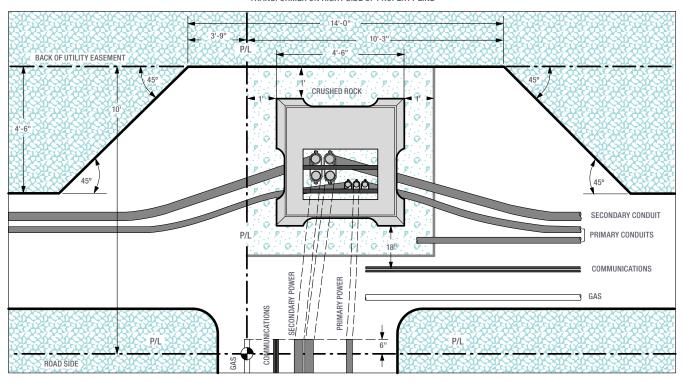
#### TRANSFORMER STRADDLING THE PROPERTY LINE



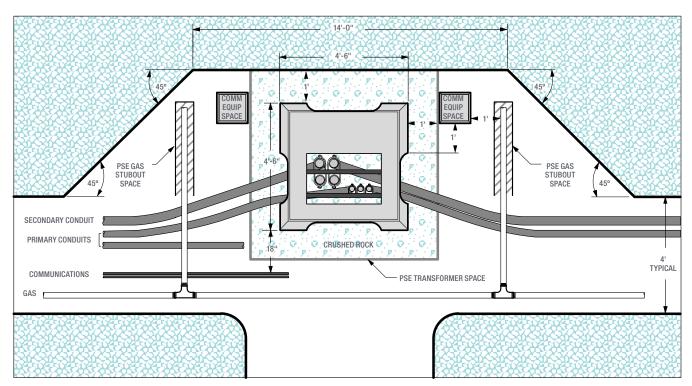
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## Excavation dimensions and crossing conduit locations

TRANSFORMER ON RIGHT SIDE OF PROPERTY LINE



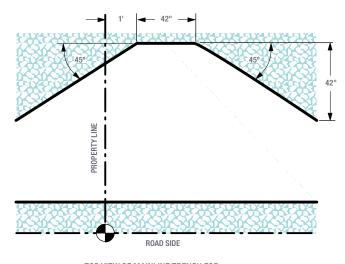
## Facility locations for joint utility trench notch-out



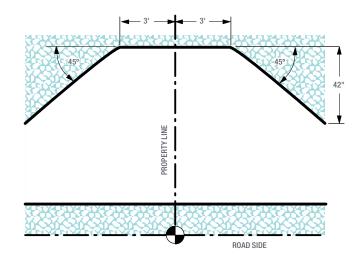
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## Joint utility mainline trench excavation requirements

#### Stubout excavation dimensions

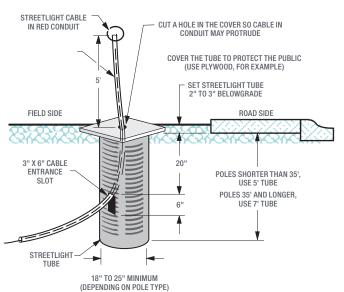


TOP VIEW OF MAINLINE TRENCH FOR SINGLE STUBOUT LOCATION

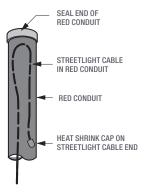


TOP VIEW OF MAINLINE TRENCH FOR PEDESTAL OR DOUBLE STUBOUT LOCATION

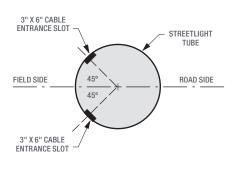
### Streetlight tube installation



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



