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. *
   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. *
2. Rocks greater than 10 inches in diameter are not permitted in the final backfill.
3. 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.
4. Utilities shall not be stacked over the gas line in the trench.
5. If wet utilities will be included in the trench, please contact PSE or local power company directly for clearance requirements.
6. 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

TRANSFORMER ON LEFT SIDE OF PROPERTY LINE

TRANSFORMER STRADDLING THE PROPERTY LINE

Effective: 06/01/19
Canceling: 03/01/17
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Joint utility mainline trench excavation requirements

Excavation dimensions and crossing conduit locations

Facility locations for joint utility trench notch-out
Joint utility mainline trench excavation requirements

Stubout excavation dimensions

Streetlight tube installation

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