

## Dig Once Policy Summaries

County/City	Public Role	Summary	Excavator Role	Costs
City of Orland, CA	<ul style="list-style-type: none"> <li>• Dig once policy</li> <li>• Facilitator role</li> </ul>	<ul style="list-style-type: none"> <li>• Joint build based on costs</li> <li>• Standards developed for conduit</li> </ul>	<ul style="list-style-type: none"> <li>• City facilitates and excavator coordinates with other parties for multiple parties to join in</li> </ul>	<ul style="list-style-type: none"> <li>• Joint build costs among opt-in parties</li> </ul>
City of Santa Cruz, CA	<ul style="list-style-type: none"> <li>• Dig once policy</li> <li>• Facilitator/owner role</li> </ul>	<ul style="list-style-type: none"> <li>• Joint build based on costs</li> <li>• Optional bids for extra ducts</li> <li>• City staff works to identify most cost-effective approach</li> </ul>	<ul style="list-style-type: none"> <li>• Excavator coordinates with city/other parties for multiple parties to join in</li> </ul>	<ul style="list-style-type: none"> <li>• Joint build costs and/or City budget</li> </ul>
City of San Francisco, CA	<ul style="list-style-type: none"> <li>• Dig once policy</li> <li>• Owner role</li> </ul>	<ul style="list-style-type: none"> <li>• Public works approve excavation only if it includes conduit</li> <li>• Shadow conduit installation and conduit available for leasing</li> <li>• Project prioritization based on scoring mechanism (cost-benefit analysis)</li> <li>• City (DT) covers incremental costs</li> <li>• City (DT) provide conduit specifications</li> </ul>	<ul style="list-style-type: none"> <li>• Excavator required to install conduit for the city</li> <li>• City owns the conduit</li> </ul>	<ul style="list-style-type: none"> <li>• Incremental costs paid by City, priced at \$20.07 per foot (shared trench) and \$29.14 per foot (offset trench)</li> </ul>
City of Berkeley, CA	<ul style="list-style-type: none"> <li>• Municipal policies</li> <li>• Facilitator/coordinator role</li> </ul>	<ul style="list-style-type: none"> <li>• Excess capacity required to be made available for leasing to third parties</li> <li>• Prospective excavator coordinates with other interested parties</li> </ul>	<ul style="list-style-type: none"> <li>• Excavator owns the conduit and leases it</li> </ul>	<ul style="list-style-type: none"> <li>• Determined by lessor of excess capacity</li> </ul>
City of Gonzales, CA	<ul style="list-style-type: none"> <li>• Dig once policy</li> <li>• Owner role</li> </ul>	<ul style="list-style-type: none"> <li>• Shadow conduit installation</li> <li>• Standards developed for conduit</li> <li>• Decision to install conduit only if the cost-benefit analysis is favorable</li> </ul>	<ul style="list-style-type: none"> <li>• Excavator required to install conduit for the city</li> <li>• City owns the conduit</li> </ul>	<ul style="list-style-type: none"> <li>• Public Works budget</li> </ul>



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<b>San Benito County, CA</b>	<ul style="list-style-type: none"> <li>• Dig once policy</li> <li>• Owner role</li> </ul>	<ul style="list-style-type: none"> <li>• Conduit to be constructed as part of County road projects</li> <li>• Coordination with County fiber build</li> </ul>	<ul style="list-style-type: none"> <li>• County is partner in a municipal fiber network</li> <li>• Excavator required to install conduit for the county to expand municipal network</li> </ul>	<ul style="list-style-type: none"> <li>• County capital program funds</li> </ul>
<b>Central Coast Broadband Consortium, CA (Monterey, Santa Cruz and San Benito Counties)</b>	<ul style="list-style-type: none"> <li>• Shadow conduit policy</li> <li>• Facilitator/coordinator role</li> </ul>	<ul style="list-style-type: none"> <li>• Consortium of local governments developed a model ordinance</li> <li>• Shadow conduit installation</li> <li>• 60-day notification window when permit application is received</li> </ul>	<ul style="list-style-type: none"> <li>• Excavator (lead) coordinates and other providers would piggyback on the installation</li> </ul>	<ul style="list-style-type: none"> <li>• Not determined, possibly shared construction costs or charges by lead company</li> </ul>
<b>City of Boston, MA</b>	<ul style="list-style-type: none"> <li>• Dig once policy</li> <li>• Facilitator/coordinator role</li> </ul>	<ul style="list-style-type: none"> <li>• Shadow conduit installation</li> <li>• Conduit system not standardized</li> <li>• Expensive for potential users of conduit</li> </ul>	<ul style="list-style-type: none"> <li>• Excavator owns the conduit and leases it</li> </ul>	<ul style="list-style-type: none"> <li>• One-time cost (value of construction) + \$5/foot/year</li> </ul>
<b>City of Bellevue, WA</b>	<ul style="list-style-type: none"> <li>• No dig once requirement</li> <li>• Public project</li> </ul>	<ul style="list-style-type: none"> <li>• Additional conduit during some capital improvement and development projects</li> <li>• Transportation projects required to install conduit</li> </ul>	<ul style="list-style-type: none"> <li>• Excavator required to install conduit for the city</li> <li>• City owns the conduit</li> </ul>	<ul style="list-style-type: none"> <li>• Funded from City budget</li> </ul>
<b>Arlington County, VA</b>	<ul style="list-style-type: none"> <li>• Agreement</li> <li>• Owner role</li> </ul>	<ul style="list-style-type: none"> <li>• Obtained conduit and fiber as part of an agreement for an electric grid upgrade project in the PROW by investor-owned electric utility</li> <li>• County developed specifications and inspected installation of conduit/fiber</li> <li>• Fiber optics deployment for the county</li> </ul>	<ul style="list-style-type: none"> <li>• Excavator required to install conduit for the county</li> <li>• County owns the conduit/fiber</li> </ul>	<ul style="list-style-type: none"> <li>• County funds, \$392,082 for 21,700 feet</li> </ul>

#### Sources:

CTC technology & energy (April 2017). Technical Guide to Dig Once Policies April 2017. [www.ctcnet.us](http://www.ctcnet.us)

Policies and ordinances from: City of Orland, City of Santa Cruz, CA, City of San Francisco, CA, City of Berkeley, CA, City of Gonzales, CA, San Benito County, CA, Central Coast Broadband Consortium, CA



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