

Dig Once Policy Summaries

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



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

Sources:

CTC technology & energy (April 2017). Technical Guide to Dig Once Policies April 2017. 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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