

Agency	Wireless Permit Types Required	Wireless Permit Fees	Wireless Permitting Timeline (link)	Associated Policy for Wireless	Fiber Permit Types Required	Fiber Permit Fees	Fiber Permitting Timeline	Associated Policy for Fiber	Is Microtrenching Permitted?	Conducted Broadband Access Surveys?	Broadband Gap Analysis	Maps of Fiber or Fiber Location Data?	Broadband or Digital Equity plans	Broadband included in General Plan?	Preferred Right of Way for Development Identified?	Staff Broadband Point of Contact Identified?	Digital Literacy, Training Hub or Resources Available?	Exemptions or Streamlined Procedures for Broadband in Underserved Areas?	Cost or Permit Waivers?	Batch Permitting?	Permits Fiber Deployment on City-Owned Infrastructure?	Explicit Dig Once Policy?	Established Fiber Sharing Agreement(s) with ISPs?	Has P3s (Public-Private Partnerships) to Increase Broadband Access?	Biggest Challenge for Deployment	
Carlsbad	Small Cell Facility + ROW permit + Master License Agreement	\$1,000/facility up front Revolving annual cost \$272 ROW: \$811	According to FCC standards	<a href="#">Policy 64</a>	Right of Way Permit + Master License Agreement	ROW: \$811	Not disclosed	<a href="#">Fee plan</a>	x	x	x	Public/private - partial	Partial	x	✓ Wireless	x	x	x	x	✓	✓	x	✓	✓	Private investment	
Chula Vista	Master Encroachment Agreement	\$1,500 deposit for agreement	60 days	<a href="#">Telecommunications Master Plan</a>	Master Encroachment Agreement	\$1,500 deposit for agreement	60 days	TMP		✓	✓	Public/private - partial	✓	✓ Master plan	✓	✓	✓	x	x	✓	✓	x	x	✓	Lack of funding, data, regional strategy	
Coronado	ROW permit + franchise agreement	Not disclosed	Variable; days to weeks		ROW Permit + franchise agreement	Not disclosed	Variable; days to weeks			x	x	x	x	x	x	x	x	x	x	✓	✓	x	x	x		
County of San Diego	Encroachment permit for towers on private property	Variable; depends on amount of ROW that's being disturbed, standard costs, cut and fill costs Discretionary is cost recovery based	New Pole - 90 days Existing Pole - 60 days All projects in ROW allowed by right Discretionary 3-4 months		Encroachment Permit	Variable; depends on amount of ROW that's being disturbed, standard costs, cut and fill costs	60 days		✓	x	x	Public - partial	x	x	x	x	✓ SDCL Lynda.com	x	x	✓	✓ Falling w/ in small cell ordinance; Other utilities fall within undergrounding deployment effort	x	x	x	Private investment	
El Cajon	Encroachment Permit (valid for up to 10 sites)	\$1,500	60 days		Encroachment Permit	\$1,500	60 days			x	x	✓	x	x	x	x	x	x	x	✓		x	x	x	Private investment focus on mobile device infrastructure	
Escondido	Encroachment Permit	Administrative \$800 CUP \$2,300	60 days for colocation 90 days for new	<a href="#">Small Cell Facility</a>	Encroachment Permit	<a href="#">\$100 + \$50/year</a>	Not disclosed		Most likely no	x	x	Public - partial	x	✓	x	x	x	x	x	x		Some small cell	x	x	x	ISP staff turnover/familiarity with city
Imperial Beach	Encroachment Permit w/ Installation Agreement for small nodes CUP for macro sites	Encroachment Permit \$150 flat admin fee CUP \$8,000-\$8,500 (includes site plan review, design review, and coastal permit if needed)	Encroachment: 2 weeks Macro: up to 6 weeks		<a href="#">Encroachment Permit</a>	\$150 permit fee	10-14 days		✓	x	x	Public - partial	x	x	x	x	x	x	x	✓	✓	x	x	x	Need for standardized language; no ISP interest	
La Mesa	Encroachment Permit for cell towers in ROW CUP for residential	\$850 CUP: \$4,000 + site plan review + \$2,500	3-12 months for Encroachment Permit (pending corrections) 30 days for CUPs w/in Spectrum Act 90-120 days for CUPs that are non-modifications		Encroachment Permit	\$850	3-12 months if they don't have to make any corrections			x	x	✓ Public	x	x	✓	✓ - for permitting & development	x	x	x	✓		x	x	x	Private investment	
Lemon Grove	Small Cell Facility	Minor: \$350 Major: \$750	30 days	<a href="#">LG Small Cell Wireless Policy</a>	<a href="#">Encroachment Permit</a>	Minor: \$350 Major \$750	Not disclosed	<a href="#">Master Fee Schedule</a>		x	x	x	x	x	x	x	x	x	x	✓	✓	x	x	x	Private investment	
Oceanside	ROW Permit	Not disclosed	Not disclosed		ROW Permit	Not disclosed	Not disclosed			x	x	✓ Public	x	x	x	✓	x	x	x	Sometimes		x	x	x		
Poway	ROW Permit + Minor Development Review Application (some instances)	\$409 + \$756 MDRA	ROW Permit - 2 weeks MDRA - 2-3 months		ROW Permit + Minor Development Review Application (some instances)	\$409 + \$756 MDRA	ROW Permit - 2 weeks MDRA - 2-3 months			x	x	x	x	x	x	x	x	x	x	x	✓	x	x	x		
San Diego	<a href="#">Small Cell: ROW permit + Master Structural Plan Macro facilities: various ministerial and discretionary reviews</a>	<a href="#">Highly variable</a>	Small Cell: 5-10 business days Macro EFRs: Usually well before 60 days Non-EFRs: 150 days	<a href="#">Small Cell</a>	ROW Permit	<a href="#">\$664 + various other fees</a>	5 days for express request 45-60 days	<a href="#">Fiber fees</a>	Yes	✓	Partial	x	x		Yes	✓	Yes	x	x	x	✓	x	x	✓	Funding; Private investment	
San Marcos	Master license agreement Small Cell Site Permit	Macro sites: \$5,800 for entitlement + \$4,000 for building permit	Small cell: FCC timeline	<a href="#">Telecom Pole License Agreement Process</a>	Not disclosed	Not disclosed	Not disclosed			x	x	x	x	x	✓	✓ for wireless only	x	x	x	✓	✓	x	x	x	Lack of data	
Santee	Encroachment Agreement Master License Agreement (sometimes)	\$3,000 deposit + full cost recovery	MLA: 4 weeks Otherwise variable		Encroachment Permit or Master License Agreement (sometimes)	\$3,000 deposit + full cost recovery	MLA: 4 weeks Otherwise variable			x	x	x	x	x	✓	✓ for permitting & development	x	x	x	x	✓	x	x	✓	Private investment	
Solana Beach	Encroachment Agreement	\$2,000-\$5,000	2-3 weeks of review + 2-3 weeks to respond		Encroachment Agreement	\$2,000-\$5,000			✓	x	x	✓ Public/Private	x	x	✓	✓ for permitting & development	x	x	x	✓		x	x	x	Private coordination	
Vista	Encroachment Permit	1500 + for large projects they create an account to pay Vista man hours	30 days for administrative approval, 3-6 months for discretionary, 6 months for large projects with hearing, noticing, and EIR	Wireless Ordinance	Encroachment Permit	\$1,500	A few weeks			x	x	Public - partial	x	x	✓	✓	x	x	x	Sometimes	Sometimes	x	x	x	Streamlining permitting; ISP staff turnover	
CALTRANS	Encroachment Permit	Varies depending on traffic control requirements	Varies depending on complexity of	<a href="#">Broadband FAQs</a>	Longitudinal Encroachment or Stand Alone Encroachment Permit; Planned Partnering Project	Depends on location, not a fixed rate; cost related to traffic control requirements	Usually 30 days but if larger project with multiple agencies then 2-3 months; haven't received a lot of applications for fiber	<a href="#">Wired Broadband Facilities Website</a>		x	Partial	Public - partial	x		✓	Depends on question - for different aspects of BB	x	x	✓		Yes	✓	✓		Lack of funding; private investment; intergovernmental coordination; cost of development	

Note: The cities of Del Mar, Encinitas, and National City did not respond to SANDAG staff requests for interviews.

## Broadband Interview Matrix Background Information

SANDAG interviewed planning and public works representatives from our member agencies to evaluate regional broadband permitting practices. Each question was included to paint a picture of regional practices and evaluate any permitting innovation occurring in the region. SANDAG also asked if these agencies were implementing any solutions that are popular and advocated for in digital equity circles.

These questions pertained primarily to permitting practices and development efforts, or **access**. They do not include efforts relating to **adoption** among people in the jurisdictions, although several cities described efforts relating to adoption that were occurring outside of planning and public works departments (primarily in schools, libraries, and some economic development agencies). There is only one question included in the matrix which pertains to adoption, item number 5.

The following information is described in this matrix.

1. Wireless permitting types, fees, timelines, and associated policies
2. Fiber conduit permitting types, fees, timelines, and associated policies
3. Does the city permit microtrenching?
4. Any broadband surveys or broadband gap analyses conducted by agencies
5. Any digital literacy and training hubs for folks living in their city
6. Does the city track/map location of fiber conduit in their jurisdiction?
7. Any Digital Equity plans or efforts pertaining to development of broadband infrastructure
8. Has the city identified preferred right-of-way for development? Please note, several cities indicated that they allow development in any right-of-way, but the purpose of this question was to find out if the cities have identified and mapped preferred locations in order to close infrastructure gaps
9. Does the city have a point of contact for broadband permitting? While several cities indicated that they have a single point of contact for certain parts of the permitting process, those marked no on the matrix do not have a single point of contact for broadband permitting who guides applicants through the entire process.
10. Does the city offer exemptions or streamlined procedures for developing broadband infrastructure in underserved areas? One city offers streamlined procedures for a fee, several others indicated they have explicitly streamlined their procedures in general. At the time of the interview, no fee waivers or exemptions existed for serving underserved areas specifically.
11. Does the city allow batch permitting? This is allowing multiple development sites to be included in a single permit, as opposed to allowing applicants to submit multiple permits at once.
12. Does the city permit aerial fiber and wireless infrastructure on existing infrastructure such as existing utility poles?
13. Does the city have an explicit Dig Once policy? Dig Once is the practice of promoting development when the ground has been opened up for other projects in order to reduce costs and disturbance to the area. While several cities indicated that they promote dig once in practice, they do not have an explicit policy. Several cities also indicated that while they promote this practice, there is little interest from ISPs to utilize these opportunities, so it has been ineffective at increasing broadband development in practice.
14. Does the city have any fiber sharing agreements with ISPs?
15. Does the city have any public/private partnerships to promote broadband access or development? Several cities have P3s relating to adoption – this is not included in the matrix.