



SUBJECT: Incorporating Wired Broadband Facility in State Highway Right-of-Way

SUMMARY:

AB1549 requires Caltrans to notify companies and organizations working on broadband deployment on its Internet Web site of specified Caltrans-led highway construction projects and would authorize those companies and organizations to collaborate with the department to install a broadband conduit as part of each project. The bill also requires the department, in consultation with stakeholders to develop guidelines to facilitate the installation of broadband conduit on state highway rights-of-way on or before January 1, 2018.

- Caltrans released a Deputy Directive 116 Wired Broadband- provide directives on the guidance development and implementation to accommodate wired broadband on state highway right-of-way
- Deployed an Internet Web site showing planned Caltrans-led state highway projects
- Each Caltrans District has a single point of contact to efficiently and effectively facilitate stakeholder inquiries regarding wired broadband facilities within the Caltrans rights-of-way.
- Formed an external broadband stakeholders advisory group to help Caltrans develop guidelines
- Incorporating Wired Broadband Facility on State Highway R/W- User Guide: 1st Edition released on January 1, 2018

- Provide a guide to external stakeholders & internal partners on process to partner with Caltrans to install broadband conduits on SH R/W

Project Delivery Process #1- Stand-Alone Encroachment Permit

- Broadband conduit installed by broadband company- stand-alone encroachment permit project- Encroachment permits are issued to install, use, and later maintain the conduit on the state highway right-of-way
 - Permit applicant is required to install, at no cost to Caltrans, a separate conduit with fiber for future Caltrans use to support state's Transportation Management System and future infrastructure for connected and autonomous vehicles

Project Delivery Process #2- Planned Partnering Project

- Broadband conduit installed by Caltrans as a part of the planned Caltrans-led transportation project: Design and construction costs to be reimbursed by broadband company
 - Encroachment permits are issued to use, and later maintain the conduit(s) on the state highway right-of-way

Conduit Ownership

- Broadband conduit used by broadband stakeholders shall be owned by the broadband user
 - An encroachment permit is needed to install, use, and maintain the conduit in the state highway right-of-way

Co-Location of Conduits

- Caltrans allows broadband stakeholder-owned conduit (pipe) and Caltrans-owned conduit (pipe) in the same trench with certain conditions
 - Caltrans does not allow broadband stakeholder-owned cable and Caltrans-owned cable to be placed in the same conduit (pipe)

NEXT STEPS

- Outreach to regional and local agencies- obtain feedback on partnering opportunities for locally funded state highway projects.