

2.4 Utilities/Emergency Services

This section is based on the CIA prepared for the project (ICF International 2014) and discusses utilities, communications providers, and emergency services (including police, fire, and emergency medical services). The report is available on the project website at <http://8065interchange.org/>.

2.4.1 Affected Environment

2.4.1.1 Utilities

Electricity and Natural Gas

The City of Roseville operates its own electric utility (Roseville Electric) providing electricity to residents and businesses. Roseville Electric constructs, operates, and maintains the City's electric distribution system. PG&E provides electrical services to the City of Rocklin and builds infrastructure on an as-needed basis.

PG&E, SMUD, and Western Area Power Administration (WAPA) own and operate electric overhead utilities that cross I-80 in the project area. An electric substation is located on Galleria Boulevard, south of the Roseville Galleria mall. Two parallel overhead electric transmission lines, one owned by PG&E and the other by SMUD, run perpendicular across I-80 just south of the East Roseville Parkway overcrossing. Two steel towers carry the 60 and 220 kilovolt (kV) electric lines over I-80 at the north corner of the Roseville Golfland-Sunsplash parking lot.

PG&E provides natural gas to both the Cities of Roseville and Rocklin. Underground gas lines run along Taylor Road in the project area.

Water Supply

The City of Roseville's water is primarily derived from surface sources, mainly American River water delivered through Folsom Lake under the jurisdiction of the U.S. Bureau of Reclamation. The City of Roseville's water distribution system delivers surface water to the City's water treatment plant (WTP) and potable water system. The City also owns and operates wastewater treatment facilities which produce recycled water, delivered through a recycled water distribution system.

The City of Rocklin receives its water supply from the Placer County Water Agency (PCWA). The PCWA service area is currently divided into five zones. The City of Rocklin is located in Zone 1, which is the largest of the five zones. Zone 1 extends north from the northern boundary of the City of Roseville to the City of Auburn and extends northwest to include the City of Lincoln. PCWA's surface water supply sources consist of water purchased from PG&E from the Yuba and Bear Rivers, Middle Fork Project water from the American River, and Central Valley Project water from the American River. The City of Rocklin is served by three major water lines: a 24-inch line along Pacific Street/Taylor Road, a 30-inch pipeline that supplies water to the

Stanford Ranch development north of Sunset Boulevard, and a 42-inch pipeline that runs south from Penryn to Lincoln just outside the project area.

Wastewater/Stormwater

The City of Roseville provides wastewater and stormwater collection and maintenance within the City limits. The City owns and operates two wastewater treatment plants (WWTPs), the Dry Creek WWTP and the Pleasant Grove WWTP. The Dry Creek WWTP serves the southeast portion of the City of Roseville, portions of Placer County, and the South Placer Municipal Utility District (SPMUD). The Pleasant Grove WWTP serves the northwest portion of the City of Roseville, portions of Placer County, and the SPMUD. SPMUD provides sewer collection and maintenance service to the City of Rocklin. SPMUD lines currently run along the I-80 mainline in both the eastbound and westbound directions near the Taylor Road overcrossing and the existing southbound SR 65 to westbound I-80 connector. The City of Rocklin maintains storm drains, pipes, and catch basins within the city. Within unincorporated Placer County, operation and maintenance of sewer services are provided by the County.

Solid Waste

The City of Roseville Solid Waste Division provides residential, commercial, and industrial waste removal within the city. Recology Auburn Placer provides residential and commercial garbage service within the City of Rocklin. Waste from both cities is taken to the Western Regional Sanitary Landfill, which is located about 6 miles northwest of the I-80/SR 65 interchange and is operated by the Western Placer Waste Management Authority.

Communications

Consolidated Communications (formerly SureWest) provides telephone service to the City of Roseville. Consolidated Communications and AT&T provide telephone service to the City of Rocklin. A Consolidated Communications line is located within the existing Taylor Road overcrossing, and a second line is located east of the I-80/SR 65 interchange. Comcast provides local cable television service, and there is an existing line across I-80 near the eastbound auxiliary lane between Douglas Boulevard and Eureka Road.

2.4.1.2 Emergency Services

Police

The City of Roseville Police Department, headquartered at 1051 Junction Boulevard (west of the project area), provides primary law and traffic enforcement in the city. The department maintains a full-service police department with approximately 195 full-time staff, including 127 sworn officers, and other staff as needed to support the department's mission and meet community needs. No Roseville police stations are located in the immediate vicinity of the project area.

The Rocklin Police Department provides police protection services within the City of Rocklin; the nearest police station is located at 4080 Rocklin Road, approximately 0.4 miles north of the project area. As of July 2014, the total staff included 54 sworn officers and 27 professional staff.

The Placer County Sheriff's Department, headquartered at 2929 Richardson Drive in Auburn, provides law enforcement and traffic enforcement to the unincorporated areas of Placer County.

The Placer County Sheriff's Department occasionally assists other agencies, including the Cities of Roseville and Rocklin, when requested.

Fire

The City of Roseville is responsible for fire protection services within the city limits and is headquartered at 401 Oak Street, approximately 0.76 miles west of the project area. The Roseville Fire Department has eight existing fire stations and employs approximately 119 staff. In 2012, the department received 12,925 calls for service. The fire department meets its goal of responding to calls in 492 seconds in populated areas approximately 90 percent of the time. The closest station to the project is Fire Station 7 located at 911 Highland Pointe Drive.

In Rocklin, fire prevention, fire suppression, emergency medical, and technical rescue services are provided by the City of Rocklin Fire Department. The nearest station, which is also the headquarters (Fire Station 1), is located at 4060 Rocklin Road, approximately 0.54 miles north of the project area. The Rocklin Fire Department responded to 3,758 emergency calls in 2012.

Ambulance Service

In addition to emergency response services provided by the Roseville and Rocklin fire departments, American Medical Response (AMR) provides ambulance services. AMR is privately owned and maintains response times under 10 minutes for the majority of calls. AMR serves western Placer County and locates ambulances throughout the region, including within Rocklin and Roseville.

2.4.2 Environmental Consequences

This section describes the potential impacts of the proposed project on law enforcement, fire protection, and other emergency service providers. It also discusses potential impacts on utilities. Except for post-project beneficial operational effects on public service providers, all potential adverse impacts are related to construction activities.

2.4.2.1 Build Alternatives

Disruption of Utilities Services during Construction

During construction of any of build alternatives, some utilities may be affected by relocation or extension, which could temporarily disrupt service. New utility lines would be installed prior to impacts on affected lines in order to transition nearly immediately to the new system and minimize any needed service disruption. Under the three build alternatives, the following utilities may be affected.

- The SMUD and WAPA electric overhead utilities crossing I-80 would require protection from equipment during construction, but would not be relocated.
- PG&E underground gas lines on Taylor Road would be avoided, protected in place, or may require relocation depending on the depth of excavation necessary for proposed improvements to Taylor Road.

- The PCWA underground water lines along Taylor Road may require relocation, depending on the depth of excavation needed for proposed improvements to Taylor Road. If possible, the water lines would be protected in place or avoided.
- SPMUD storm drains that run along I-80 mainline in both the eastbound and westbound directions near the Taylor Road overcrossing and the existing southbound SR 65 to westbound I-80 connector may be affected and need to be relocated/replaced.
- The Consolidated Communications line on the Taylor Road overcrossing would be relocated and replaced within the proposed alignment. The second line east of the I-80/SR 65 interchange may require relocation due to the proposed widening on I-80.

Additionally, Alternatives 2 and 3 would require relocation of the SMUD and PG&E transmission towers located in the north corner of the Roseville Golf and Sunsplash parking lot and may require relocation of the Comcast line across I-80 near Douglas Boulevard and Eureka Road. The Comcast line would be avoided to the extent possible. No permanent or long-term impacts would occur. There would be no effect on water supply or distribution facilities, or solid waste facilities. Utility service providers would be responsible for the relocation of facilities.

Increase in Emergency Response Times during Construction

During construction, short-term lane closures would be necessary throughout the project corridor, potentially increasing the response times for emergency service providers under all build alternatives. Caltrans requires Traffic Management Plans (TMPs) for all major construction activities that are expected to affect traffic on the state highway system. Following this requirement, a TMP would be implemented during all phases of construction to facilitate local traffic circulation and through-traffic requirements. Emergency service providers would be notified as early as possible in order to plan for lane closures and other delays related to construction activity. The police and fire departments in Roseville and Rocklin, the Placer County Sheriff Department, AMR, and the California Highway Patrol would be notified in advance of any road closures. It is expected that emergency service providers in the project vicinity would be minimally affected during construction.

Alternative 3, which includes closure of the Taylor Road interchange, could adversely affect provision of emergency services. Within Rocklin, the closure of the Taylor Road interchange not only could affect police and fire department response times but also could affect mutual aid from Placer County and the nearby cities of Roseville and Citrus Heights by eliminating a local access point. Closure of the Taylor Road interchange also could affect response times for the Roseville police and fire departments. After construction is complete, Alternatives 1 and 2 could result in beneficial effects to emergency service providers, because the improved I-80/SR 65 interchange and adjacent interchanges would enhance existing emergency service routes.

2.4.2.2 No Build Alternative

Under the No Build Alternative, the proposed improvements would not be constructed, so no change in operations of emergency service providers or relocations of utilities would occur, including changes and impacts that would be caused by the removal of the Taylor Road interchange (Alternative 3). Because the project would not be constructed, construction activities

would not result in potential for delays or interference with law enforcement, fire, or other emergency service providers.

2.4.3 Avoidance, Minimization, and/or Mitigation Measures

2.4.3.1 Avoidance and Minimization Measures

Provide Advance Notification of Road Closures

Advanced notification of any closures would help to ensure that the local emergency service providers could make proper arrangements, in the event that the Taylor Road interchange is eliminated.

Prepare a Transportation Management Plan

Prior to construction, the project proponent will prepare a Transportation Management Plan (TMP) in order to minimize disruptions to traffic and to emergency services during construction. A TMP is a program of activities for alleviating or minimizing work-related traffic delays by applying traditional traffic handling practices and innovative strategies. The TMP program includes public awareness campaigns, motorist information, demand management, incident management, system management, construction methods and staging, and alternate route planning. TMP strategies also strive to reduce the overall duration of work activities where appropriate. Typical components of a TMP can include measures such as implementation of staging, traffic handling, and detour plans; restricting construction work to certain days and/or hours to minimize impacts on traffic and pedestrians; coordination with other construction projects to avoid conflicts; and the use of portable changeable message signs to inform the public and emergency vehicles of construction activities.

Provide Advance Notice to Utility Service Providers

Provide advance notification and coordinate with utility service providers prior to and during construction to avoid or minimize potential service disruptions.

2.4.4 References Cited

ICF International. 2014. *Community Impact Assessment – I-80/SR 65 Interchange Improvements Project, Placer County, Interstate 80 and State Route 65*. Sacramento, CA. November.

