

CHAPTER FOUR:

Infrastructure

This chapter describes the Planning Area's infrastructure. It provides a discussion of the Planning Area's major suppliers of water, natural gas, and electricity, as well as a description of the area's sewer and drainage systems.

WATER

The Auburn Boulevard Specific Plan Area is supplied with potable water by two different water purveyors--the Citrus Heights Water District and the California American Water Company.

The Citrus Heights Water District (CHWD) was formed in 1925 and is one of the oldest public agencies in the city. The CHWD serves a majority of the Planning Area including the entire east side of Auburn Boulevard and the area on the west side adjacent to Antelope Road. The CHWD is currently (2003) at approximately 90 percent of build out with the projected full build out by Year 2024. The CHWD is supplied surface water from the San Juan Water District (SJWD) from Folsom Lake through the Peterson Water Treatment Plant and then by gravity flow to the CHWD. One of these transmission mains, the 72"/78" Cooperative Transmission Pipeline, runs along Antelope Road through the Planning Area. In addition, the CHWD maintains five active wells within its boundaries which are used for peak demand and emergency supplies.

CHWD maintains two water trunk lines that run on the east and west sides of Auburn Boulevard ranging in size from 6" to 10". The CHWD proposes to upgrade the older steel water mains within the Planning Area, which are located near Watson Way between Baird Way and Linden Avenue.

Laterals varying from 3/4" to 10" service adjacent properties and side streets along Auburn Boulevard. The CHWD proposes to upgrade service laterals to current standards as a part of future roadway projects and their maintenance projects.

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A 48" transmission waterline parallels the north side of Antelope Road through the intersection of Auburn Boulevard and Antelope Road intersection.

SEWER

The Sacramento region's sewerage services are provided by the Sacramento Regional County Sanitation District (SRCSD), while the city and the Planning Area are served by County Sanitation District No. 1. Three alternating trunk lines parallel Auburn Boulevard in the center of the roadway and along the east and west sides. The trunk line system is comprised of VCP pipe ranging in size from 6" to 12". VCP laterals ranging in size from 6" to 12" service the adjacent properties and side streets and connect to the Auburn Boulevard trunk lines. The sanitary sewer network servicing the Planning Area north of Hackney Way connects to a 27" interceptor sewer at the Watson Way and Auburn Boulevard intersection. The sanitary network within the Planning Area, south of Hackney Way, parallels Auburn Boulevard and Sylvan Road and extends south of the Planning Area.

The SRCSD is proposing a sewer interceptor line along the west leg of Auburn Boulevard and Old Auburn Road, which is known as the Upper Northwest Sewer Interceptor, section 9. Construction of this project is scheduled between the years 2006 and 2010.

DRAINAGE

The Sacramento County Public Works Department, Water Resources Division (WRD), performs maintenance on the storm drain pipe and channel systems throughout the city. The city lies within the American River Watershed, which drains the western slope of the Sierra Nevada Mountain Range through the three forks of the American River and a series of small creeks. Although located within the American River Watershed, the city's creek system feeds into the County's Sacramento River Flood Control System.

The existing storm drain system trunk lines parallel Auburn Boulevard on both the east and west sides. These trunk lines range in size from 10" to 18" from Old Auburn Road to Rollingwood Boulevard. The storm drain system conveys the drainage into Cripple Creek west of the Watson Way and Auburn Boulevard Intersection. The trunk lines north of Rollingwood Boulevard to Interstate 80 vary in size from 12" to 54" and flow into a 60" interceptor pipe at Bellbrook Ct. The interceptor flows west of Auburn Boulevard through the residential district and drains into the Rollingwood Channel and into Cripple Creek. Within the Planning Area north of Antelope Road, Cripple Creek drains from



Many of the local streets on the east side of Auburn Boulevard do not have gutters.

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east to west underneath Auburn Boulevard, into Arcade Creek, then flows through Bannon Slough to the Sacramento River.

UTILITY SYSTEMS

Other utility services in the Planning Area include electric, gas, telephone, cable television, and telecommunication services.

Electrical Service

Sacramento Municipal Utility District (SMUD) provides the Planning Area with electric service. A 12 KV overhead line runs along the east side of Auburn Boulevard from the Sacramento County line through the Sylvan Corners intersection and continues south along Sylvan Road. Lateral overhead lines service properties adjacent to Auburn Boulevard. A 69 KV overhead line extends along the south side of Antelope Road and intersects the 12 KV overhead at the intersection of Antelope Road and Auburn Boulevard. A SMUD substation is located south of the Sylvan Corners Intersection on the west side of Sylvan Road.



SMUD provides the Planning Area with electrical service

Natural Gas

Pacific Gas & Electric Company (PG&E) provides the Planning Area with gas service. In the Planning Area, a PG&E gas distribution facility runs north along the east half of Auburn Boulevard from Orlando Ave. in the City of Roseville, through the Sylvan Corners intersection and continues south along Sylvan Road. This distribution main ranges in size from 3" to 4". A 4" PG&E gas main extends along the north side of Auburn Boulevard and continues through along Old Auburn Road. This facility is tied to the N-S facility along Auburn Boulevard and Sylvan Road.

An 8" transmission line runs along the north side of Antelope Road and along the east side of Auburn Boulevard from Antelope Road to Watson Way. This facility continues west along Watson Way.

A 4" diameter distribution line runs along the south side of Antelope from the Auburn Boulevard intersection and continues east. Distribution lines varying from 2" to 4" connect service to the side streets within the Planning Area. PG&E ¾" gas mains provide service to adjacent properties along Auburn Boulevard.

An abandoned PG&E 2" distribution gas line runs from Sylvan Corners to approximately 450' east of the intersection on the south side of E-W Auburn Boulevard.

Telephone

Roseville Telephone (RT) provides the Planning Area with telephone service. A Roseville Telephone facility runs along the east side of Auburn Boulevard from Interstate 80 to Carleton Way.

Cable Television

AT&T Broadband (AT&T) provides the Planning Area with cable television service. An AT&T feeder cable(s) run along the center and east and west sides of Auburn Boulevard from the Sacramento County line to Auburn Oaks Avenue. An AT&T trunk facility continues from Auburn Oaks Ave. to Sylvan Corners and continues south along Sylvan Road. Two AT&T fiber lines run south along Auburn Boulevard from Sycamore Drive to Old Auburn Road. The fiber lines turn east at Old Auburn Road. An AT&T facility runs south along Sylvan Road from Sylvan Corners and proceeds west with an AT&T trunk line approximately 600' south of the intersection. Feeder lines service the adjacent properties and side streets in the Planning Area.

Telecommunications

Sprint facilities within the Planning Area include a Corning Glass fiber optic line providing service from Oroville to Stockton. The facility enters the Planning Area running along the south side of Antelope Road. It parallels the east side of Auburn Boulevard from the Antelope Road intersection to Old Auburn Road. This fiber optic facility continues south along Sylvan Road.

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