

## 8.0 INFRASTRUCTURE

The Utilities and Infrastructure section contains information about existing conditions in the East Pasadena Specific Plan area in the following categories:

- Water
- Wastewater
- Solid Waste
- Drainage
- Public Safety
- Schools
- Fire Protection
- Energy

The Specific Plan includes development of 500 residential units, 1,170,165 square feet of new commercial uses, 874,205 square feet of industrial development and 55,630 square feet of institutional uses in the East Pasadena Specific Plan area for a total development of 2,100,000 square feet.

With the demolition of older buildings, and construction of new buildings, as of December 1999, the remaining square feet permitted to be built based on the General Plan area is approximately 1,970,000 square feet and is constantly changing as new development applications are approved. See

Table \_\_\_\_ for an explanation of permitted square feet from the General Plan.

This new potential development is consistent with the anticipated growth identified in the Land Use Element of the General Plan, which is in compliance with the Southern California Association of Government's (SCAG) population growth estimates, for Pasadena. Implementation of the Specific Plan will not require any significant changes in the infrastructure and utilities of the Specific Plan area.

#### 8.1 Water

The water demand generated by the future residential and nonresidential uses is not anticipated to create significant levels of additional water demand. Sufficient capacity exists in the current system to accommodate the amount of demand created by the current usage and the new development permitted by the Specific Plan. As identified in the General Plan EIR, the additional demand is regionally significant, but is mitigated in the City of Pasadena by an adequate water supply to handle the additional demand and the continued implementation of Citymandated water conservation programs. Future development generated by the implementation of this Specific Plan will need to comply with the Water Shortage Procedures Ordinance (P.M.C. 13.10.020), which mandates that any future project shall only consume 90 percent of expected consumption.

### 8.2 Wastewater

It is anticipated that the proposed development of the Specific Plan area will generate approximately 64,000 gallons per day of wastewater for residential uses, 398,383 gallons per day for commercial uses and 21,855 gallons per day for industrial uses.

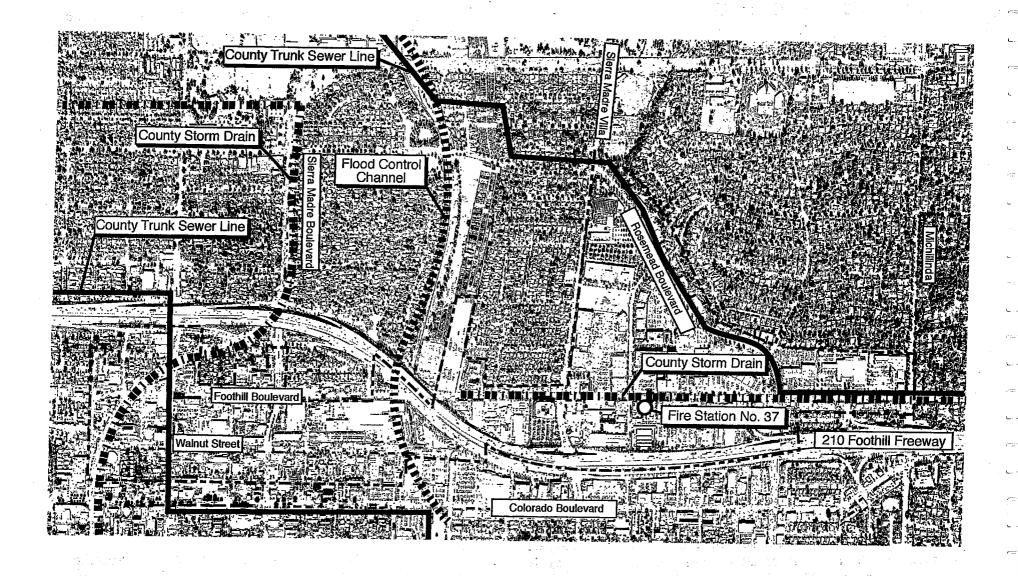


Figure 8-1.
Infrastructure Support for Land Use Plan

The types of institutional uses permitted in the specific plan vary; however, the impact of the 80,630 gallons is minimal.

Future projects will use the existing water supply system provided by the City of Pasadena Department of Water and Power and the existing sewer system provided by the Public Works and Transportation Department. Therefore there will be no direct additions or withdrawals from the ground waters. The City requires the developer of any new development to pay the imposed sewer connection fee to the Los Angeles County Sanitation District. These fees will allow for the expansion of the sewer system to accommodate the proposed projects and future projects in the City.

#### 8.3 Solid Waste

By the year 2010, growth anticipated in the City's General Plan EIR will result in an increase of approximately 37,008 tons per year of solid waste. The growth outlined in the General Plan was considered a potentially significant impact. The Specific Plan is located within the City's refuse collection area and will not result in the need for substantial alteration or addition to the existing system of solid waste collection and disposal. Non-residential projects may be required to submit a program to the Public Works and Transportation Department's Solid Waste Division prior to the issuance of any building permits. In 1992, the City adopted the "Source Reduction and Recycling Element" to comply with the California Integrated Waste Management Act. This act requires a 50% reduction in solid waste before 2001.

## 8.4 Drainage

Since anticipated development will cover no-more, if not less, hard surface area than currently exists, the growth anticipated by the Specific Plan will have a less than significant impact on the surface flow. The Specific Plan includes requirements for more landscaped areas, which should lessen surface drainage, increase the recharge of groundwater resources and limit potential flooding in the Specific Plan and neighboring areas. Erosion and subsequent deposit of particles in the drainage channel caused by the construction activity anticipated by the Specific Plan will be mitigated by existing construction requirements of the Uniform Building Code and federal, state and municipal requirements.

## 8.5 Public Safety

In 1998, a police substation was opened in a shopping center at El Nido and Colorado Boulevard in the East Pasadena area in anticipation of the expanding public use of the Light Rail Station and the increase in commercial districts in East Pasadena.

### 8.6 Schools

No public schools are located within the East Pasadena Specific Plan area. The six PUSD schools serving the East Pasadena area include: Elementary – Field, Willard and Noyes; Middle – Wilson; Senior High – Pasadena High School and Blair High School.

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In the Specific Plan, 400 dwelling units are anticipated for development with an estimated generation of 160 school age children based on the PUSD's generation of 0.4 children per dwelling unit. Additionally, the new non-residential development (2,100,000 square feet) is anticipated to generate an additional demand as some future employees reside near but not within the planning area. Additionally the new non-residential square feet are anticipated to generate approximately 220 children who are or will be of school age. A total of 380 school age children could result from new residential and non-residential development proposed in the East Pasadena Specific Plan area. The potential to offset increased costs to the PUSD is through a Development Impact Fee.

## 8.7 Fire Protection

The Specific Plan area includes Fire Station No. 37 at 3430 East Foothill Boulevard and is located within one mile of Fire Station No. 32 at 2424 East Villa Street. The Specific Plan area is located in a low fire hazard area of the City. Thus, no expansion of services is anticipated.

# 8.8 Energy

The Specific Plan area is currently being served by the Southern California Gas Company and by the City of Pasadena Department of Water and Power. No significant impacts are anticipated since the Specific Plan area is currently well served and there is adequate capacity to provide service to the anticipated growth in residential and non-residential uses.

### 8.9 Conclusion

The current providers for utilities and infrastructure will continue to provide services for the Specific Plan area. Except for increased student enrollment to the schools, growth anticipated in the Specific Plan area can be accommodated by the current providers without significant changes in service delivery.