

FIRE FACILITIES - PROJECT SUMMARIES

MAJOR COMPONENTS - OVERVIEW

The Major Components project consists of two phases, Phase I and II which includes capital improvements at numerous existing fire stations throughout the city. The two phases of the project will provide maintenance that has been deferred as well as alterations that are driven by changing operational and personnel requirements.

Phase I of the Major Components scope of work includes : electrical upgrades (9 stations), new apparatus doors (17 stations), new emergency generators (21 stations). The apparatus door and the generator replacement projects are under two separate contracts of Phase I (see Attachment D) and are scheduled to start construction by the end of April 2002.

Phase I tasks are summarized below as follows:

Generator Replacement Program

This program consists of the replacement of 22 standby electrical power generators at 21 Fire Stations in the City of San Diego. The replacement of Generators contract includes all material and labor required to provide a complete operating system at each Fire Station indicated to receive a new generator. Work consists of the removal of existing gas, propane and diesel-powered standby generators and fuel tanks, and the installation of new pad-mounted standby generators, including all required wiring and connections. The Fire Repair Facility is co-located with Fire Station 28, and will have two generators.

Generator work is to be conducted at the following stations:

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|---|--|
| <u>Station 3:</u> 725 W. Kalmia Street
San Diego, CA 92103 | <u>Station 25:</u> 972 Chicago Street
San Diego, CA 92110 |
| <u>Station 6:</u> 693 Twining Avenue
San Diego, CA 92154 | <u>Station 26:</u> 2850 54 th Street
San Diego, CA 92105 |
| <u>Station 7:</u> 944 Crosby Street
San Diego, CA 92113 | <u>Station 27:</u> 5064 Clairmont Drive
San Diego, CA 92117 |
| <u>Station 8:</u> 3974 Goldfinch
San Diego, CA 92103 | <u>Station 28:</u> 3380 Kearny Villa Road
San Diego, CA 92123 |

Station 9: 7870 Ardath Lane
San Diego, CA 92037

Station 30: 2265 Coronado Avenue
San Diego, CA 92053

Station 13: 809 Nautilus Street
San Diego, CA 92037

Station 33: 16966 Bernardo Center Drive
San Diego, CA 92128

Station 15: 4711 Voltaire Street
San Diego, CA 92107

Station 34: 6565 Cowles Mountain Road
San Diego, CA 92119

Station 16: 2110 Via Casa Alta
San Diego, CA 92037

Station 36: 5855 Chateau Drive
San Diego, CA 92117

Station 20: 3305 Kemper Blvd.
San Diego, CA 92110

Station 38: 8441 New Salem Street
San Diego, CA 92126

Station 21: 750 Grand Avenue
San Diego, CA 92109

Station 39: 4949 La Cuenta Drive
San Diego, CA 92124

Station 23: 2190 Comstock Street
San Diego, CA 92111

Apparatus Door Replacement Program

This program consists of the replacement of existing overhead doors with new sectional type doors at the main Apparatus Bays of 16 Fire Stations in the City of San Diego. The contract consists of the removal of existing overhead rolling shutter and sectional doors and associated electrical connections and the installation of new sectional overhead doors and associated electrical work. The door opening height at two different Fire Stations, Station 3 and Station 13, will be increased as a part of the work. Work is to be conducted at the following Stations:

Station 3: 725 W. Kalmia Street
San Diego, CA 92103

Station 21: 750 Grand Avenue
San Diego, CA 92109

Station 8: 3974 Goldfinch
San Diego, CA 92103

Station 26: 2850 54th Street
San Diego, CA 92105

Station 9: 7870 Ardath Lane
San Diego, CA 92037

Station 30: 2265 Coronado Avenue
San Diego, CA 92053

Station 10: 4605 62nd Street
San Diego, CA 92115

Station 34: 6565 Cowles Mountain Rd.
San Diego, CA 92119

Station 13: 809 Nautilus Street
San Diego, CA 92037

Station 35: 4285 Eastgate Mall
San Diego, CA 92037

Station 15: 4711 Voltaire Street
San Diego, CA 92107

Station 36: 5855 Chateau Drive
San Diego, CA 92117

Station 19: 3434 Ocean View Blvd.
San Diego, CA 92113

Station 38: 8441 New Salem Street
San Diego, CA 92126

Station 20: 3305 Kemper Boulevard
San Diego, CA 92110

Station 39: 4949 La Cuenta Drive
San Diego, CA 92124

MAJOR COMPONENTS, PHASE II

This second phase provides for the replacement and/or rehabilitation of major structural and construction components in older fire stations throughout the City. Included are components such as electrical upgrades, roof replacement, dorm expansion, heating/ventilation/air conditioning, dormitory remodels, kitchen remodels, vehicle exhaust systems, driveway and parking lot improvements. This work is scheduled to be done over four years from calendar 2002 through calendar 2005, per Attachment E.

Cost Estimate for Phases I and II: \$4,200,000

NEW/REMODELED FIRE FACILITIES

Fire Station 31 - Del Cerro (New Fire station at same location/two-story building): This 41-year-old fire station, located at 6002 Camino Rico, is currently experiencing major structural degradation due to ground shifting and settling in the area. This project will demolish the current station and replace it with a new station at the same location. The 8,089 square foot facility will house one engine and one ambulance. There will be individual dorm space for six fire personnel and three apparatus bays. Platt/Whitelaw is the architect on this project. The Del Cerro Council voted unanimously to approve the project. Thirty percent (30%) design is completed.



Cost Estimate: \$2,186,900
Design Initiation: March 2001
Start Construction: December 2002

Fire Station 12 - Lincoln Park (New Fire station at same location/ two-story building): This 52-year-old fire station, located at 4964 Imperial Avenue, has been remodeled or added onto three times since being built in 1949, and currently does not meet the personnel and operational needs for this district. This project will demolish the current station and build a new station at the same location. The new 10,890 square foot facility will house one battalion vehicle, one engine, one truck, and one ambulance. There will be individual dorm space for eleven fire personnel and four apparatus bays. Joseph Wong is the architect on this project. The Encanto Community Group voted unanimously to approve the conceptual design. Sixty percent (60%) design is completed.



Cost Estimate: \$2,911,566
 Design Initiation: March 2001
 Start Construction: December 2002

Fire Station 29 - San Ysidro (New Fire station at new location/one-story building): This new station will be built across the street from the current station at 179 West San Ysidro Blvd. The new 10,020 square foot facility will house one engine, one truck, one ambulance, and one brush rig. There will be individual dorm space for eleven fire personnel and three apparatus bays. The current station is 37 years old and too small for the apparatus presently assigned. The ambulance must be parked outside and the brush rig cannot respond until the engine is moved out of the apparatus bay. The City entered into an agreement with CCBG Architects, Inc. for professional services. Land purchase is completed and conceptual design development is in progress.



Cost Estimate: \$3,993,308
 Design Initiation: February 2002
 Start Construction: July 2003

Fire Station 5 - Hillcrest (New Fire station at same location/two-story building): This 49-year-old fire station located at 3902, 9th Avenue and University Avenue in Hillcrest, requires demolition and rebuilding of a new station on the same location. The new 8,300 square foot facility will house one battalion vehicle, one engine and one truck. There will be individual dorm space for nine fire personnel and three apparatus bays. The current



station is too small for modern day fire apparatus, and to provide appropriate dorms for the assigned personnel. The City has selected Jeff Katz Architects, and is in process finalizing an agreement. Surveys have been completed and preparation of an agreement with the architect is in progress. This project has been presented to the Uptown Community Group for information only.

Cost Estimate: \$2,406,221
Design Initiation: February 2002
Start Construction: November 2003

Fire Station 2 - Mission Valley (New Fire station on City-owned property/two-story building):



This is a new fire station located in Mission Valley at Friars Road and Mission Village Drive. The 16,700 square foot facility will house one battalion vehicle, two engines, one truck and one ambulance. It will also house the City's Hazardous Materials Response Team. There will be individual dorm space for 15 fire personnel assigned to a 24 hour per day shift. This station will better support a growing Mission Valley area by reducing emergency response times in this difficult-to-

serve sector. The new fire station will be a two-story building built on City property on the north side of Friars Road, west of Mission Village Drive. Change of designation is required to utilize property for Fire and Life Safety Services Department. A mini-park adjacent to the fire station, will also be incorporated as part of this project. WLC Architects has been selected to provide design services for this project. Development of a consultant agreement is in progress. A site survey and a topographic map of the site have been completed.

Cost Estimate: \$5,022,075
Design Initiation: February 2002
Start Construction: February 2004

Fire Station 22 - Point Loma (Expansion of existing Fire Station): This 57-year old station located at 1055 Catalina Boulevard, is too small to house modern day fire apparatus. A new apparatus bay will be constructed and the existing station remodeled and refurbished to meet current housing standards. The station will be enlarged from 2,270 to 4,220 square feet. There will be individual dorm space for four fire personnel.



Cost Estimate: \$1,180,083
Design Initiation: July 2002
Start Construction: June 2004

Kearny Villa Repair Facility: This 35-year old facility is currently too small to handle the increased size of the fire fleet. Increase in fleet size and emergency response volume has led to a shop that has not kept up with demand. The inadequate facility causes delay in the ability to repair vehicles and increases the amount of out-of-service time for emergency fire apparatus. The addition of ambulance repair at this site has significantly increased the need to upgrade this facility.



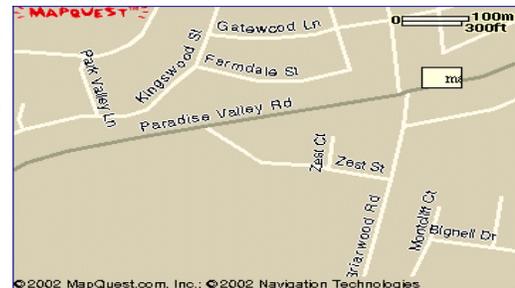
Cost Estimate: \$428,480
 Design Initiation: December 2002
 Start Construction: October 2003

Fire Station 32 - Skyline/Paradise Hills

(New Fire station at new location/one-story building): This 40-year old fire station, located at 484 Briarwood Road, will be relocated to the vicinity of Skyline Drive and Sychar Road to better serve the growing community, and to decrease response times in this area. This project will construct a new station and relocate the crew and apparatus to the new location.



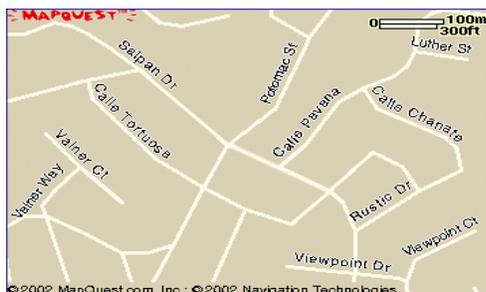
The 6,400 square foot facility will house one engine and one ambulance. There will be individual dorm space for six fire personnel and two apparatus bays. The Real Estate Assets Department (READ) has reviewed the title report on this property. Fire Department and READ are in process of identifying a suitable property. Property acquisition should be completed by end of December 2002. The preliminary estimate for the cost of property is approximately \$1 million.



Cost Estimate: \$3,332,535
 Design Initiation: December 2002
 Start Construction: July 2004

Fire Station 54 - Paradise Hills (New Fire station at new location/one-story building):

This project will construct a new fire station in the vicinity of Saipan Drive and Potomac Street Paradise Hills. The 6,400 square foot facility will house one engine and one ambulance. There will be individual dorm space for six fire personnel and two apparatus bays. This new location will provide improved emergency response coverage in a



difficult-to-serve area. The Real Estate Assets Department (READ) has reviewed the title report on this property. Fire Department and READ are in process of identifying a suitable property. The preliminary estimate for the cost of property acquisition is approximately \$1 million.

Cost Estimate: \$3,112,494
Design Initiation: December 2002
Start Construction: July 2004

Fire Station 17 Mid-City (New Fire station at same location/two-story building): This 51-year old fire station, located at 4206 Chamoune Avenue, has deteriorated to the point that reconstruction is necessary. This project provides for demolition of the current City Heights East station and construction of a new station at the same location. The new 6,400 square foot facility will house one engine and one ambulance. There will be individual dorm space for six fire personnel and two apparatus bays.



Cost Estimate: \$2,086,686
Design Initiation: July 2003
Start Construction: January 2005

Fire Station 1- Downtown (Renovation): This 30-year old fire station, located at 1222 First Avenue, requires a major renovation of what is the primary downtown fire station. The station size is 16,100 square feet. It houses one battalion vehicle, two engines, one truck, one ambulance, one light and air support apparatus, one Explosive Ordinance Disposal rig, a Metro Arson Strike Team (MAST) vehicle, and several other support vehicles. There are eighteen fire personnel assigned on a 24-hour per day assignment basis. There are several other personnel representing other agencies involved in MAST assigned to this station for 8-hour workdays. This station is on the first



floor of the San Diego City Operations/Development Services Building. As a result, several building systems are set up for the entire building and are inappropriate for fire operations needs. For example, the hot water system cannot be relied upon to provide for showers on weekends. The remodel project is designed to correct numerous problems including: removal of asbestos, providing individual dormitories, providing a separate HVAC system, providing a separate hot water system, and providing a vehicle exhaust extraction system.

Cost Estimate: \$2,755,704
Design Initiation: February 2003
Start Construction: January 2005

