



THE CITY OF SAN DIEGO

DATE ISSUED: November 10, 2008

ATTENTION: General Information

SUBJECT: City Projects honored by the American Public Works Association and California Construction

This year the City of San Diego is the recipient of 12 awards for various construction projects from the American Public Works Association (APWA), San Diego and Imperial Counties Chapter. The City is also the recipient of the California Construction Statewide Best of 2008 Award in Public Works.

American Public Works Association (APWA)

The APWA is an international educational and professional association of public agencies, private sector companies and individuals dedicated to providing high quality public works goods and services. Originally chartered in 1937, APWA is the largest and oldest organization of its kind in the world, with 67 chapters throughout North America.

The local chapter of APWA has a tradition of recognizing outstanding public works projects through its annual awards program. The awards are divided into categories to include transportation, environment, structure, utilities, parks, historic, innovative technology, and emergencies. This year's winners are:

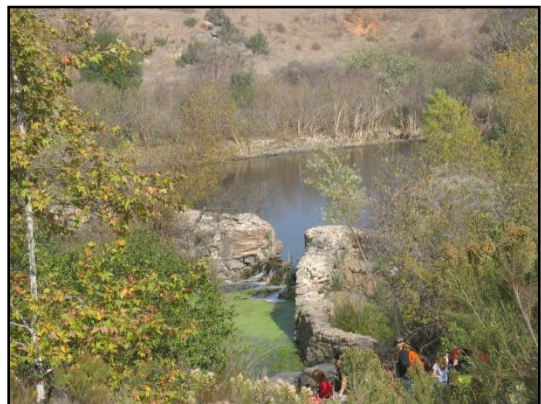
Old Mission Dam Dredging Project

Engineering and Capital Projects

Project of the Year Award – Historic (Under \$2 million)

Old Mission Dam is a nationally registered historic landmark. The rehabilitation project was designed to minimize impacts to the sensitive habitat, species, and historic dam structure. Work required for the project included an extensive amount of dredging and removal of accumulated silt and vegetation in the upstream portion of the historic Old Mission Dam.

This work was carefully facilitated to protect the structural integrity of the dam, improve water quality, and restore the open water characteristic and flow.



Pacific Highlands Ranch Fire Station 47 Project

Engineering and Capital Projects

Honor Award – Structures (\$2 - \$8 million)



Located in a 3-bay semi-rural area northeast of SR 56 and Carmel Valley Road, the newly constructed Pacific Highlands Ranch Fire Station 47 is a 10,500 square foot facility. The facility was designed to meet the measures outlined in the Governor’s Green Building Executive Order S-20-04 and the Mayor’s sustainable policies. As a result, the building achieved a LEED® Silver Star rating by the U.S. Green Building Council. The new fire station now services the Pacific Highlands Ranch, Del Mar Mesa, and Torrey Highlands areas.

Bird Rock Coastal Traffic Flow Improvement Project – Phase 1 & 2

Engineering and Capital Projects

Project of the Year Award – Transportation (\$2 - \$8 million)

La Jolla Boulevard between La Jolla and Pacific Beach serves as a main thoroughfare for San Diego Commuters. The Bird Rock Coastal Traffic Flow Improvement Project was designed to reduce vehicle speed, improve pedestrian crossing safety and increase the visibility of merchants located in the Bird Rock community. The project incorporated five small size roundabouts, all way stop intersections, and several traffic calming treatments along La Jolla Boulevard. The new roundabouts replaced the existing traffic signals and reduced the number of traffic lanes from four to two. This project will be showcased by the Federal Highway Administration (FHWA) for the evaluation, planning and design of future roundabouts.



Carmel Valley Road Enhancement Project

Engineering and Capital Projects

Project of the Year Award – Transportation

(over \$8 million)



Located between the Los Peñasquitos Lagoon on the south side and residential homes on the north, the Carmel Valley Road Enhancement Project was designed to widen 0.9 mile stretch of Carmel Valley Road between Via Mar Valle and Portofino Drive. Improvements for this project included a new Class II bike lane, sidewalks, and walkways to separate pedestrians and bicyclists from vehicle traffic.

The project also incorporated on-street parking lanes with curb pop-outs to implement traffic calming, new storm drains with storm water treatment units to improve water quality, and decorative street lighting to illuminate the roadway.

Cherokee Point Park

Engineering and Capital Projects

Project of the Year Award – Parks

(under \$2 million)

Located within the Mid City and City Heights community, the Cherokee Point Park was a remnant piece of land acquired from Caltrans. The land was used by Caltrans as a fill site during the State of California Interstate 15 (SR-15) Corridor Construction Project. Prior to development, the land was a narrow dark area, full of litter, dirt and rock, and not a secure place to recreate or walk. The SR-15 corridor, while being a major benefit for local and regional transportation, physically divided the neighborhoods of Mid City and City Heights community. The addition of parks and open space was required of Caltrans as mitigation for construction of the freeway. Caltrans restored some of the lost physical connections between the neighborhoods, as well as the historic and cultural identity of the area. Upon completion, the Cherokee Point Park project added 2.00 acres of valuable park land to the Mid City and City Heights areas.



Teralta History Lane

Engineering and Capital Projects

Honor Award – Parks (Cost: \$1,054,003)



The Teralta History Lane was a remnant piece of land acquired from Caltrans. The land was left over from the State of California Interstate 15 (SR-15) Corridor Construction Project. Prior to development, the land was a narrow dark area, full of litter, dirt and rock, and not a secure place to recreate or walk. The SR-15 corridor, while being a major benefit for local and regional transportation, physically divided the neighborhoods of City Heights. The addition of parks and open space was required of Caltrans as mitigation for construction of the freeway. Caltrans restored some of the lost physical connections

between the neighborhoods, as well as the historic and cultural identity of the area.

Chollas Creek Water Quality Protection and Habitat Enhancement

Storm Water Department

Project of the Year Award – Parks (\$2-\$8 million)

Located within the Encanto community, the Chollas Creek Water Quality Protection and Habitat Enhancement Project restored 1.85 acres of riparian and native habitat and created a natural linear park-like setting and walking trail along the Encanto Tributary of Chollas Creek. The rehabilitation project was designed to minimize impacts to the sensitive habitat, and species. Work required for the project included the removal approximately 5,000 square feet of concrete from a lined water course, the installation and widening of a 300 linear feet of a water course, and the restoration of 2 acres of riparian habitat. Measures were also put in place to improve urban runoff water quality and storm flows. As a result, water velocity was reduced, allowing native plants to naturally filter out pollutants and improve water quality in this important City watershed.



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Torrey Pines Golf Course Improvements

Engineering and Capital Projects

Project of the Year Award – Parks (over \$8 million)



Located in La Jolla, the Torrey Pines Golf Course Improvement Project consisted of several site improvements implemented to accommodate the Buick Invitational Tournament, a pre-cursor to the 2008 U.S. Open Golf Championship. As a part of the project, the existing parking lot was replaced with a fully landscaped 300-car parking lot, a new entry sign was installed, 36 new pine trees were planted and 29 mature Torrey Pine Trees were located. The clubhouse and halfway house was renovated, a new course drainage and tee box

was installed and a new starter booth between the North and South courses was constructed. A walkway between the putting greens, exposed aggregate concrete staging area with landscape for golf carts, new trash enclosure and accessibility improvements were also incorporated into the project.

Alvarado Water Treatment Plant Flocculation and Sedimentation Basins

Engineering and Capital Projects

Honor Award – Environment (Cost \$28,584,464.34)

The completion of two new flocculation and sedimentation basins increased the historic Alvarado Water Treatment Plant's capacity from 120 to 200 million gallons of water per day, enough treated water to supply over 730,000 residents every day. The new basins are each 440 feet long by 94 feet wide, by 18 feet deep creating a footprint exceeding that of a football field. Approximately 50 million gallons flow daily through each basin to separate minute particles from the water, an essential step in creating drinking water. The new basins will eliminate a bottleneck in the treatment process and allow the original 50-plus year old flocculation and sedimentation basins to be taken out of service for a future rehabilitation projects.



30th Street Corridor Utilities Undergrounding

Engineering and Capital Projects

Project of the Year – Utilities (over \$8 million)



The 30th Street Corridor Utilities Undergrounding Project undergrounded the longest and highest voltage electric transmission lines in the City of San Diego. As a part of the project, 3.8 miles of 138 kV electric transmission lines were undergrounded, 81 transmission poles were removed, 3 miles of overhead electric, television, and communication lines were replaced with 6.3 miles of underground utilities for 195 homes located along the 30th Street Corridor. The project also included the installation of 36 new

street lights, 23 curb ramps, and new street trees and resurfacing of the road from curb to curb. This 8-plus year project involved the required extensive coordination between the City of San Diego, SDG&E, AT&T, MCI and Next G Networks.

2007 Emergency Post Wildfires Erosion Control Project

Engineering and Capital Projects

Project of the Year – Emergency (under \$2 million)

The 2007 Witch Creek Firestorm was classified as the fourth largest California fire in acreage, burning approximately 197,990 acres. A significant portion of the burned area was located near urban development and valuable natural resources. With winter rains approaching, the City was faced with the potential for devastating mudslides and debris flows that could close evacuation routes, flood homes, and add to the environmental damage caused by the fires.



As a part of the erosion control project, City staff assisted homeowners in protecting their property, secured Park historic and operational resources, and stabilized watersheds to reduce the potential for mudslides and debris flows. Emergency response measures were put into place to establish a strike team response to facilitate the erosion control project. Approximately 10,000 gravel and sand bags, 1.5 miles of fiber rolls, 2000 ft of K-rail and application of 57.6 acres of hydro-mulch to mitigate environmental impacts. A citizens assistance center was established, free erosion control homeowner assistance program was implemented. Facilitation of this 4 month project required extensive coordination between the City of San Diego, FEMA, FHWA, Natural Resource Conservation Service, County of San Diego, the Urban Corps of San Diego County, California Employment Development Department, and the San Diego Workforce Partnership.

Special APWA Individual Recognitions:

City staff received recognition for their dedication, hard work, support, assistance, and contributions to the American Public Works Association. The award recipients are:

- Patti Boekamp, Engineering and Capital Projects Director – Special Award
- Gene Matter, General Services Department Associate Civil Engineer – Award of Merit
- Sabrina Lozano, Engineering and Capital Projects Management Assistant – Special Award

California Construction Best of 2008 Award

California Construction is an industry-leading statewide construction publication that holds a yearly competition to honor top construction and design projects in Northern and Southern California.

The competition is judged by an independent panel of jurors of industry experts in design and construction. Points are awarded to project submissions based on criteria including project management, overcoming challenges of the job, overall excellence in architectural or engineering design, innovation, safety and the contribution to the community and/or the construction industry, among other criteria. This year's Best of 2008 Awards winner is:

Miramar Water Treatment Plant Project

Engineering and Capital Projects

Statewide Best of 2008 Winner - Public Works



Completion of the largest phase of construction work for the upgrade and expansion of the Miramar Water Treatment Plant will increase the plants capacity from 140 to 215 million gallons of water per day.

Improvements to the facility included 12 new filter basins, a new rapid mix facility, chemical storage and chemical feed facility, de-aeration basin, ozonation structure, and chlorine facility. Other improvements include the construction of a new administration building, and installation of mechanical and electrical instrumentation control systems. The next phase of the overall project includes construction of four new

flocculation-sedimentation basins and demolition of the existing filters, flocculation and sedimentation basins, operations building and other existing structures.