

THE CITY OF SAN DIEGO
REPORT TO THE CITY COUNCIL

DATE ISSUED: January 9, 2008 REPORT NO: 09-005
ATTENTION: Council President and City Council
SUBJECT: City Construction Projects honored In Calendar Year 2008

THIS IS AN INFORMATION ITEM ONLY. NO ACTION IS REQUIRED ON THE PART OF THE COUNCIL.

The City of San Diego was the recipient of 12 awards for various construction projects from the American Public Works Association, San Diego and Imperial Counties Chapter. Also, The Miramar Water Treatment Plant Project was the recipient of the California Construction Statewide Best of 2008 Award in Public Works, and the Bird Rock Coastal Traffic Flow Improvement Project was the recipient of the Urban Land Institute 2008 Catalyst Award.

American Public Works Association (APWA)

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 including transportation, environment, structures, utilities, parks, historic, innovative technology, and emergencies.

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. Projects are evaluated 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.

Urban Land Institute (ULI)

ULI is a nonprofit organization that develops leaders in the responsible use of land and promotes creation of sustainable, thriving communities worldwide. ULI has over 47,000 members internationally and 855 in the San Diego region. The ULI San Diego/Tijuana District Council facilitates local discussion of public policy issues and best practices related to real estate development, city building and land use.

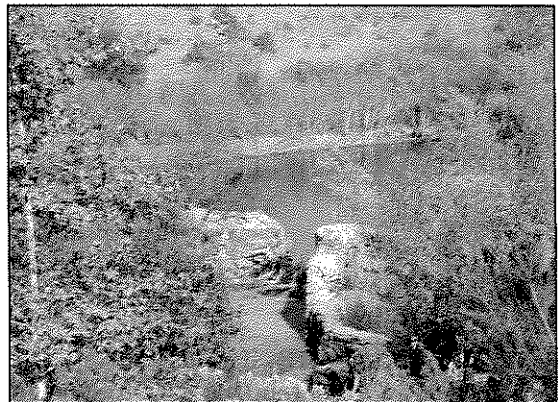
The 2008 award winning projects were:

Old Mission Dam Dredging Project

Engineering and Capital Projects Department

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

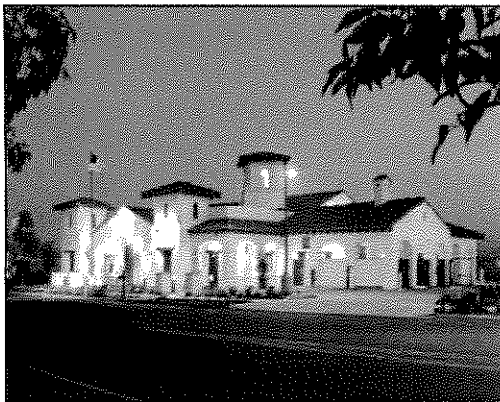
Old Mission Dam is a nationally registered historic landmark. The rehabilitation project was designed to minimize impacts to the sensitive habitat, species, and historic dam structure. Work required for the project included an extensive amount of dredging and removal of accumulated silt and vegetation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

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



Located in a developing 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 City Council Policy on sustainable design. 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 Department

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

ULI Catalyst Award - Smart Growth Awards Category

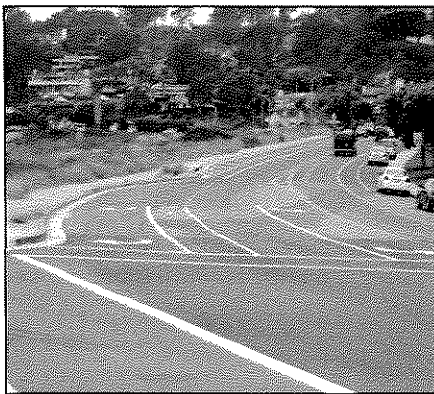
La Jolla Boulevard between La Jolla and Pacific Beach serves as a main thoroughfare for San Diego Commuters. The Bird Rock Coastal Traffic Flow Improvement Project was designed to reduce vehicle speed, improve pedestrian crossing safety and increase the visibility of merchants located in the Bird Rock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



Carmel Valley Road Enhancement Project

Engineering and Capital Projects Department

APWA 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 improve 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 and curb pop-outs, new storm drains with stormwater treatment units to improve water quality, and decorative street lighting to illuminate the roadway.

Cherokee Point Park

Engineering and Capital Projects Department

APWA 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 Interstate 15 (SR-15) Corridor Construction Project. Prior to development, the land was a narrow dark area, full of litter, dirt and rock which was not a secure place to recreate or walk. The SR-15 corridor, while being a major benefit for local and regional transportation, physically

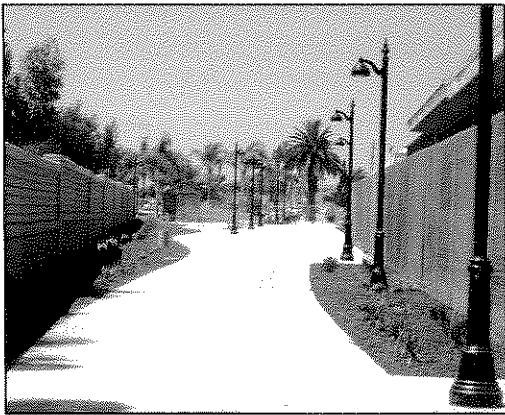


divided the neighborhoods of Mid City and City Heights community. The addition of parks and open space was required of Caltrans as mitigation for construction of the freeway. Through Caltrans funding, City restored some of the lost physical connections between the neighborhoods, as well as the historic 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 Department

APWA Honor Award – Parks (under \$2 million)



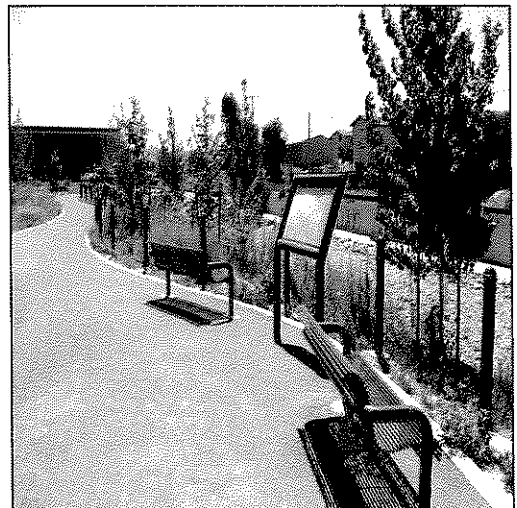
The Teralta History Lane was a remnant piece of land acquired from Caltrans. The SR-15 corridor, while being a major benefit for local and regional transportation, physically divided the neighborhoods of City Heights. Similar to the Cherokee Point Park the City developed this remnant piece of property from a narrow dark area, full of litter, dirt and rock, to a community asset to recreate or walk restoring 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

APWA 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. Enhancements included the removal of concrete lined watercourse, and widening of the Channel, 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.



Torrey Pines Golf Course Improvements

Engineering and Capital Projects Department

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



Located in La Jolla, the Torrey Pines Golf Course Improvement Project consisted of several site and capital improvements implemented in time to accommodate the Buick Invitational Tournament, and the 2008 U.S. Open Golf Championship. As a part of the project, the existing parking lot was refurbished with a fully landscaped 300-car parking lot with a new entry sign. 36 new pine trees were planted, and 29 mature Torrey Pine Trees were relocated. The clubhouse and halfway house were renovated and a new starter booth between the North and South courses was constructed along with improvements to course drainage and tee boxes,. Other improvements included a walkway between the putting greens, exposed

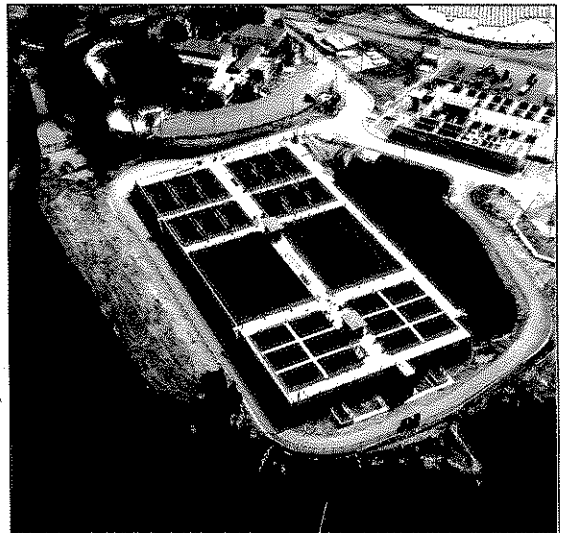
aggregate concrete staging area with landscaping for golf carts, and accessibility improvements were also incorporated into the project.

Alvarado Water Treatment Plant Flocculation and Sedimentation Basins

Engineering and Capital Projects Department

APWA Honor Award – Environment (over \$8 million)

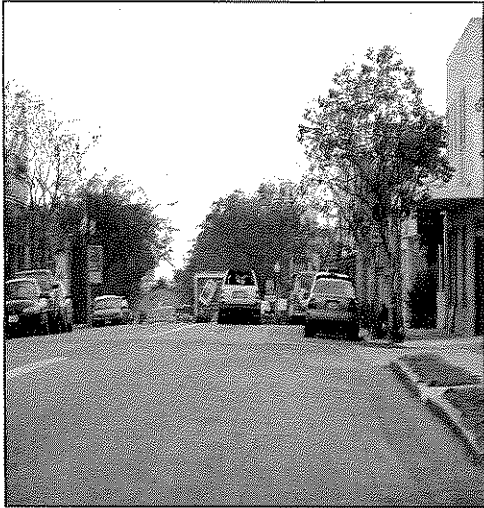
The completion of two new flocculation and sedimentation basins increased the historic Alvarado Water Treatment Plant's capacity from 120 to 200 million gallons of water per day (enough treated water to supply over 730,000 residents every day). The new basins are each 440 feet long by 94 feet wide, by 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 project.



30th Street Corridor Utilities Undergrounding

Engineering and Capital Projects Department

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



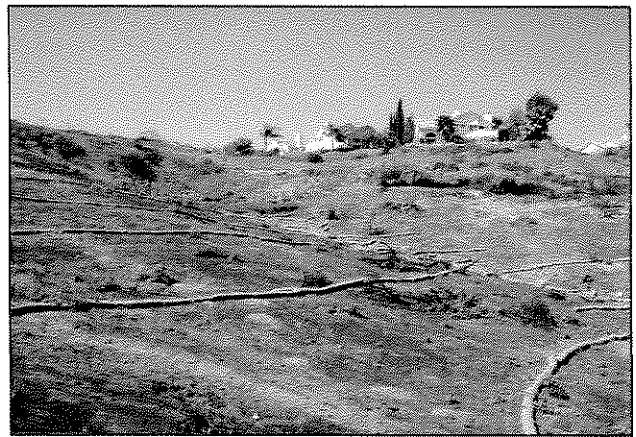
The 30th Street Corridor Utilities Undergrounding Project undergrounded the longest and highest voltage electric transmission lines in the City of San Diego. As a part of the project, 3.8 miles of 138 kV electric transmission lines were undergrounded, 81 transmission poles were removed, 3 miles of overhead 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.

2007/2008 Emergency Post Wildfires Erosion Control Project

Engineering and Capital Projects Department

APWA 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, 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:

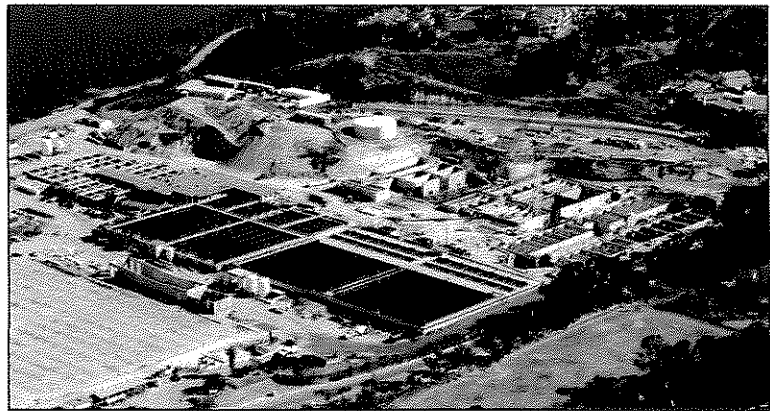
City staff received recognition for their dedication, hard work, support, assistance, and contributions to the American Public Works Association. The award recipients are:

- 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 Executive Assistant – Special Award

Miramar Water Treatment Plant Project

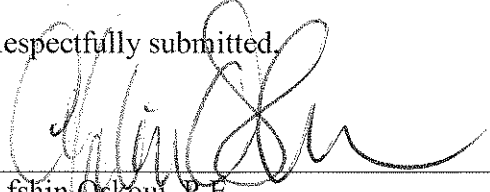
Engineering and Capital Projects Department

California Construction Statewide Best of 2008 Winner - Public Works




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

Respectfully submitted,



Afshin Oskoui, P.E.
City Engineer
Engineering and Capital Projects Department



Approved: Dave Jarrell, P.E.
Deputy Chief Operating Officer
Public Works

