



THE CITY OF SAN DIEGO
REPORT TO THE CITY COUNCIL

DATE ISSUED: September 25, 2009 REPORT NO: 09-133
ATTENTION: Council President and City Council
SUBJECT: City Projects Honored by the American Public Works Association (APWA)

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



American
Public Works
Association
APWA

The City of San Diego received twelve (12) awards and distinctions for 2009 from the 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:

4141 Ruffin Road Emergency Storm Drain and Slope Replacement

Honor Award: Disaster-Emergency



The Ruffin Road Slope/Storm Drain Replacement Project is located in a fill slope at the west end of a ravine west of Murphy Canyon Road, and behind a structure at 4141 Ruffin Road in Kearny Mesa. The failure of the existing storm drain pipe and 120-ft eroding slope had undermined the existing slope and threatened the safety of the surrounding area until it was stabilized. This project included the placement of fill material to stabilize and reconstruct the slope, the installation of 60-inch reinforced concrete pipe and associated structures, and landscaping restoration of the slope. Construction started in late May 2008 and finished by late September 2008.

Museum of Art Ornamentation Reconstruction

Honor Award: Historic

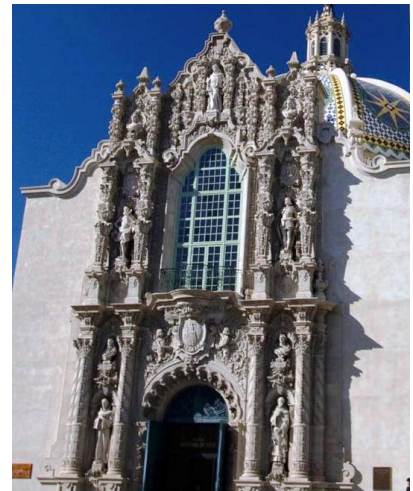


The San Diego Museum of Art Façade Restoration Project consisted of correcting the severe spalling and cracking of the 1926 cast-stone that was apparent in many locations. A portion of cornice had broken loose and previous repair attempts using fiberglass and stucco had failed. Removal of the original ornamentation was carefully done using special diamond blade saws. After the façade ornamentation was removed, it revealed an unreinforced masonry wall. Therefore, a new wall of reinforced concrete replaced the old masonry to support the ornamentation and the careful replication and restoration of the façade. Funding for the project was provided by a grant from the State of California and supplemental funding by the City of San Diego.

Museum of Man & California Tower Ornamentation Restoration

Project of the Year: Historic

The Museum of Man and California Tower Ornamentation Restoration Project included restoration of the façade and the tower. In addition to all the cast-stone damage, areas of glazed tile at the upper portion of the tower were cracked and chipped. The tiles were repaired with the use of custom-tinted epoxies and the wood-window above the main entry was re-glazed using the original glass and a gentle power-washing was completed to remove mildew. A liquid water repellent was applied to all cast-stone to inhibit future corrosion. The Museum of Man remained open during the entire construction period. Funding for the project was provided by a grant from the State of California and supplemental funding by the City of San Diego.



Mission Valley Preserve Habitat Restoration

Honor Award: Environment- Under \$2 Million



The Mission Valley Preserve Habitat Restoration Project is part of the San Diego River corridor that provides critical habitat to native flora and fauna. Dozens of rare, threatened or endangered species utilize the river, finding oasis and protection from surrounding developed areas. This project included removal of exotic vegetation without damaging the existing native habitats, installation of a temporary above-ground irrigation system, native plants via seed mix, plant cuttings for the re-establishment of native habitat, and installation of interpretative sign and brochures for public education. This project aimed to preserve and enhance the hydrologic function of the San Diego River within the park and increase water quality.

Miramar Water Treatment Plant Upgrades & Expansion

Project of the Year Award: Environment - \$75 Million or Over

The Miramar Water Treatment Plant Upgrade and Expansion has four distinct phases. Completion of the largest 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. 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, four new flocculation-sedimentation basins, installation of mechanical and electrical instrumentation control systems, and demolition of the existing flocculation and sedimentation basins, operations building and other existing structures.



Carmel Valley Skate Park

Honor Award: Parks - \$2 - \$5 Million



The Carmel Valley Skate Park is located at 12600 El Camino Real San Diego, in the Carmel Valley Community. It is adjacent to a recently completed police station and across the street from Carmel Valley Community Park. The project has a 13,500 square foot facility with a challenge course and an 11-foot deep cast-in-place concrete bowl and a street skate plaza area. The facility includes urban elements such as railings, stairs, banks and ledges, using real materials found in the street such as granite and stamped brick. Construction of the project began in March 2008 and was completed in November 2008.

Lifeguard Headquarters Boat Dock Replacement

Project of the Year Award: Structures – \$2 - \$5 Million



The Lifeguard Headquarters Boat Dock is located on Hospitality Point in Quivira Basin in Mission Bay Park. The existing boat dock was constructed in 1960, and was severely damaged during the 2004 and 2005 winter storms. In 2006, the dock was condemned due to its damaged condition. The total new dock surface area is 5,758 square feet. Overall this facility allows the lifeguards to be more efficient and better serve the public using the waterways.

The facility provides the lifeguards immediate access to all of their vessels and rescue equipment for emergency response as well as normal functions. This project received FEMA funding.

University Avenue Streetscape at 28th & 30th Streets

Honor Award: Transportation – Under \$2 Million



The University Avenue Streetscape Project consisted of removal of existing sidewalk and replacement with exposed aggregate new sidewalk, the installation of pedestrian curb ramps, curb and gutter, tree grates, street slurry/paving, drainage facilities, and traffic striping along the south side of University Avenue, between 28th Street and Granada Avenue. In addition, the project included removal of existing sidewalk and replacement with exposed aggregate new sidewalk, and curb and gutter along the east side of 30th Street between University Avenue & North Park Way. The

completed work consisted of over 11,000 square feet of new sidewalk, 600 linear feet of new curb and gutter, 7 tree grates, and 10,000 square feet of street slurry/paving.

Washington & Goldfinch Intersection Improvements

Honor Award: Transportation – Under \$2 Million

Washington and Goldfinch was a community driven project with support from numerous local businesses, organizations, committees, and residents who provided input on design, visual, and historical compatibility issues along with providing long-term maintenance for landscaping. The improvements to the intersection of Washington Street and Goldfinch Street included pop-out curbs on all four corners to narrow the area for crossing the street. Streetscape improvements also include upgraded concrete sidewalks, curb ramps, street trees, and landscaped areas. In addition, signal poles were repositioned from median to sidewalk to improve pedestrian mobility. The project received required funding through Federal, State, and local funds.



Bayshore Bikeway Western Salt Segment

Project of the Year Award: Transportation – \$2 - \$5 Million



The Bayshore Bikeway (Western Salt Segment) provides a critical link in the 26-mile bike route around San Diego Bay, from Coronado through Imperial Beach, San Diego, Chula Vista and National City. The Western Salt Segment provides a non-vehicular access, crossing two bridges over the Otay River, through the San Diego Bay National Wildlife Refuge, along the historic Coronado Branch Rail Line right-of-way. The project was designed to minimize impacts to the surrounding habitat and historic setting.

Genesee Avenue Widening

Honor Award: Transportation – \$2 - \$5 Million



The Genesee Avenue Widening Project was designed to reduce congestion and improve operating conditions along Genesee Avenue from the I-5 interchange to Regents Road. The project was designed to generally improve access and mobility, for this area, improve safety by reducing on-pavement water flow, and improve downstream water quality by removing sediment. This project's improvements included: extension of left-turn lane storage at Campus Point Drive and I-5; addition of right-turn lanes at Campus Point Drive and Scripps Hospital Drive; undergrounding of storm drainage flows; installation of a water quality Best Management Practices for sediment control; relocation of trees; relocation of existing hospital water service connection; and restoration of existing landscape.

Rancho Bernardo Reservoir Rehabilitation

Honor Award: Utilities - \$6 - \$25 Million

The Rancho Bernardo Reservoir Rehabilitation Project broke ground in February 2008 and was completed in November of 2008. The Reservoir was originally constructed in 1964. The 10 million-gallon reservoir provides a reliable water supply of fresh drinking water to the Rancho Bernardo Community. The improvements bring the reservoir into regulatory compliance, increase local water reliability, and extend its service life for several decades.



Respectfully submitted,



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Approved: Dave Jarrell, P.E.
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