THE CITY OF SAN DIEGO

REPORT TO THE CITY COUNCIL

DATE ISSUED: April 29, 2014 REPORT NO.: 14-039

ATTENTION: Council President and City Council

SUBJECT: FY 2014 Recognition of Award Winning Projects – National Public Works Week

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

The City of San Diego is the recipient of eighteen (18) awards for outstanding infrastructure projects from various industry and professional organizations, including the American Public Works Association (APWA), American Institute of Steel Construction (AISC), and American Society of Civil Engineers (ASCE).

- 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. The APWA awards recognize the partnership between the managing agency, the consultant/architect/engineer, and the contractor who, working together, complete public works projects. APWA also recognizes outstanding individuals representing the best in the public works profession.

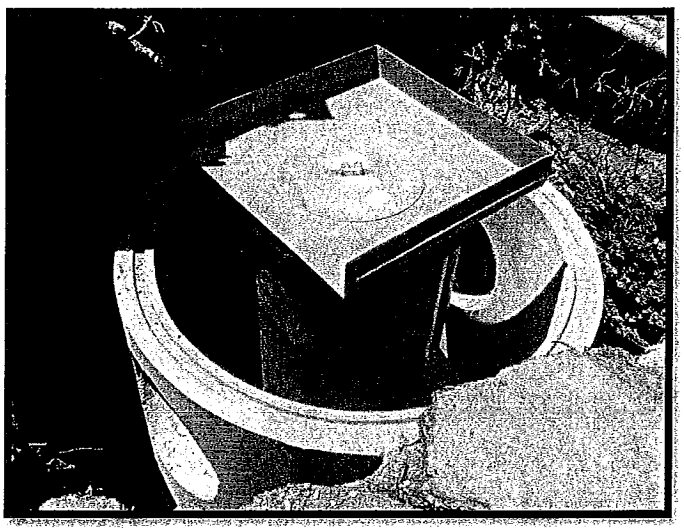
- The **AISC** annually recognizes outstanding achievements in engineering and architecture on steel-framed building projects throughout the U.S., recognizing the importance of teamwork, coordination and collaboration in fostering successful construction projects.

- The **ASCE** annually recognizes those contributions to the field of engineering. The Honor and Awards Program objective is the advancement of the engineering profession through the recognition of exceptionally commendable achievement.

The FY 2014 award-winning projects are:

Project Name: Osler, Marindustry, Park Ridge Watershed Protection Project
Project Delivery Method: Design-Bid-Build
Project Manager: William Meredith
Award: APWA: Honor Award – Environmental Projects Less than $2 million

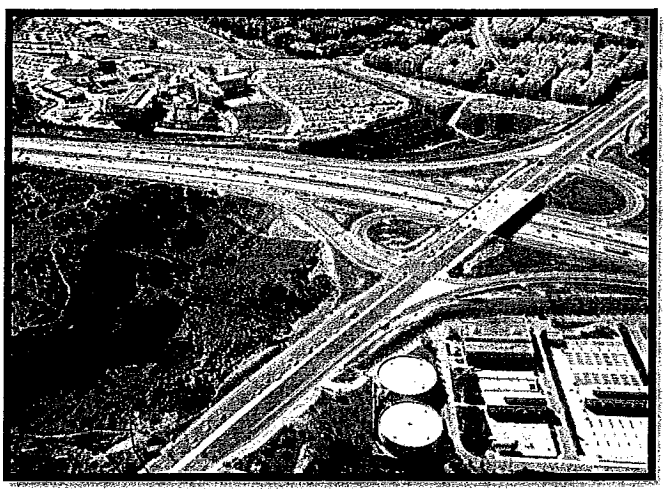
This project installed 2 hydrodynamic separation units at Park Ridge Blvd and Rehco Road. The units are designed to capture and filter 90 percent of pollutants within storm water runoff prior to discharge to the designated watershed. The project is part of the requirement for the National Pollutant Discharge Elimination System permit. After 30% design it was determined that the Osler and Marindustry locations were not feasible. The Park Ridge location includes a new type B curb inlet and the Rehco Road location was reconfigured to have two grated inlets set directly above the new unit.



Unit installation at Rehco Road.

Project Name: La Jolla Village Drive/I-805 Interchange Improvements
Project Delivery Method: Design-Bid-Build
Project Manager: Jeffrey Manchester
Award: APWA: Public Works Project of the Year– Transportation Project Division: $6 - $25 million

This project reconstructed the I-805/La Jolla Village Drive/Miramar Road interchange, from a Full to a Partial Cloverleaf configuration. The project also widened La Jolla Village Drive and Miramar Road through the interchange; widened and seismically retrofit the overcrossing structure; removed, realigned, widened, and reconstructed the interchange ramps; installed new ramp meters and signalized intersections; upgraded drainage; relocated utilities; and removed and disposed or aerially deposited lead soils.

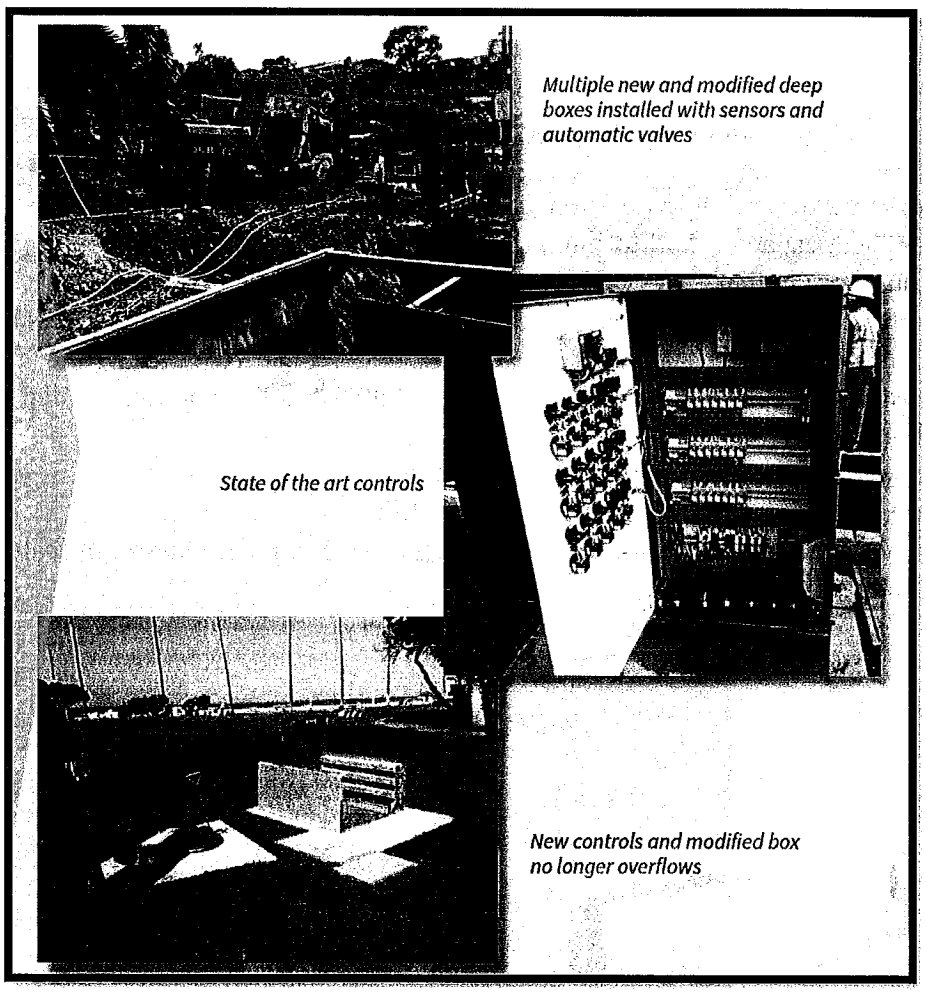


La Jolla Village Drive/I-805 Interchange after construction.

Project Name: La Jolla Ecological Reserve Low Flow Diversion Project
Project Delivery Method: Design-Bid-Build
Project Manager: Jeff Soriano
Award: APWA: Public Works Project of the Year – Environmental Projects Less than $2 million

The state of California designates 34 coastal regions in the California Ocean Plan as Areas of Special Biological Significance (ASBS) in an effort to preserve these unique and sensitive marine ecosystems for future generations. The La Jolla ASBS 29 has approximately 1.7 miles of shoreline adjacent to the City of San Diego. The ASBS 29 contains 453 acres of marine habitat, including the San Diego-La Jolla Ecological Reserve, a marine protected area now referred to as the La Jolla State Marine Conservation Area.

There are 184 direct discharges of urban runoff into the ASBS and nine naturally occurring streams or gullies in the La Jolla community tributary to ASBS 29. In addition, the ASBS 29 receives discharge from retaining wall back drains and groundwater seepage primarily fed by the infiltration of landscape irrigation. Low-flow storm water discharges from these sources were determined to be a significant contributor to water pollution levels in ASBS 29. Therefore, the La Jolla Ecological Reserve Low Flow Diversion Project was identified as critically important to addressing water quality concerns in ASBS 29. This project diverts contaminated low flow above, within, and below the highly traveled Torrey Pines Road and diverts it to the sewer system for treatment. This prevents contaminated low flows from reaching the highly sensitive biological community in the La Jolla Cove.



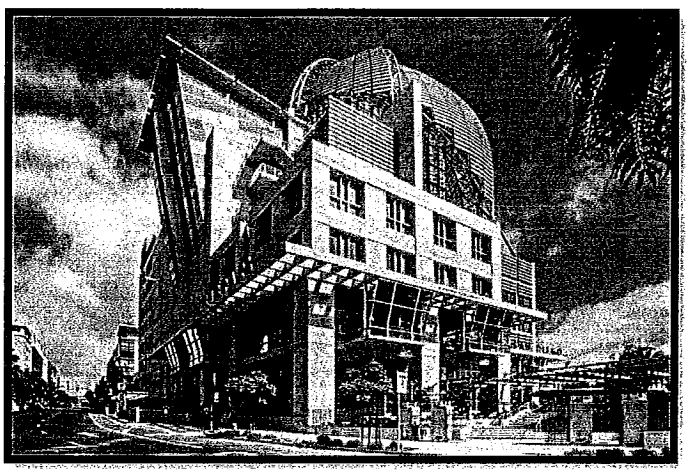
Project Name: San Diego Central Library
Project Delivery Method: Construction Manger At Risk
Project Manager: Nikki Lewis
Awards:

A. APWA Project of the Year – Sustainable/Green Buildings More Than $75 million
B. AISC: National Award – Projects Less Than $15 million
C. ASCE: "Outstanding Award" in the Architectural Engineering
D. Mexican American Business & Professional Organization: Amigo Award – Community Project of the Year
E. Associated General Contractors of America: "Best of the Best" Building Construction - Public Work
F. National Council of Structural Engineers Associations: Excellence in Structural Engineering
G. American Society of Concrete Contractors: Decorative Concrete Council's Best in Show WOW! Award
H. American Galvanizers Association: Excellence in Hot-Dip Galvanizing

The new Central Library, which opened on September 30, 2013, is San Diego's new civic icon that embodies the city's commitment to the future. It is the heart of San Diego's 35-branch library system and serves as a new regional center for learning and literacy. The library is twice the size of its predecessor, and was innovatively funded using California redevelopment funds, state grants, a complex multi-tiered rental agreement with the San Diego School District, and local private donations.

Among its many features, the new nine story, 497,652-square-feet facility contains:

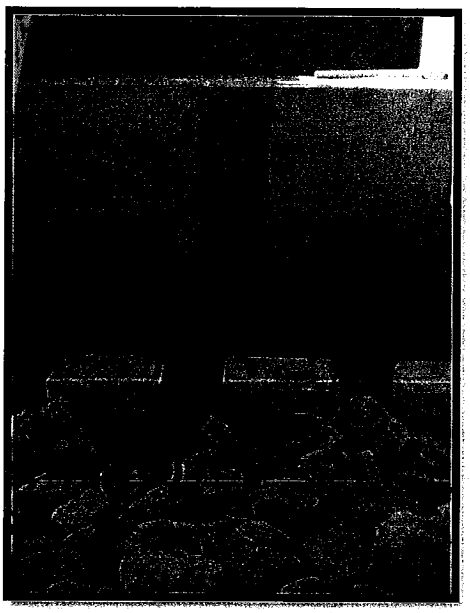
- A charter high school, e3 Civic High, with space for approximately 500 students on floors 6 and 7
- Two levels of parking with 250 parking spaces
- A 350-seat capacity Auditorium
- An outdoor Garden Courtyard
- The three-story domed Helen Price Reading Room with panoramic views of the bay and city
- The Shiley Special Events Suite, with a capacity of 500 standing, 333 lecture, or 216 dining seating
- The 3,797-square-foot Pauline Teen Center
- The 9,141-square-foot Sanford Children's Library
- The Wells Fargo Technology Learning Center, a computer classroom featuring 24 state-of-the-art computers
- A 3,000 square foot museum-quality Art Gallery



New Central Library

Project Name: 34th Street Storm Drain Repair
Project Delivery Method: Design-Bid-Build
Project Manager: Ron Fox & Mastaneh Ashrafzadeh
Award: APWA: Public Works Project of the Year– Utilities Projects Less than $2 million

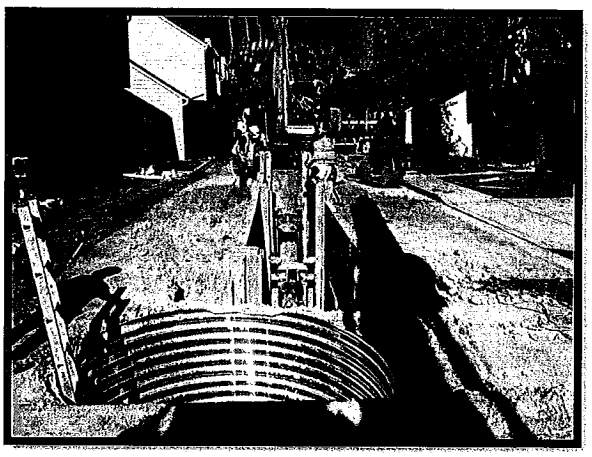
The project repaired approximately 50 linear feet of the deteriorated 18-inch corrugated metal pipe that ran down the hillside by re-lining it with cured-in-place pipe lining. The project also installed a reinforced concrete dissipater at the outfall, located near the bottom of City right-of-way canyon space in order to slow the flow of storm water discharging into a natural drainage area. Furthermore, repairing storm drain pipe will eliminate flooding that was occurring at the curb inlets on a residential street in a sag location.



Concrete energy dissipater apron and baffle blocks.

Project Name: Balboa Terrace Trunk Sewer
Project Delivery Method: Design Bid Build
Project Manager: Wendy Gamboa
Award: APWA: Honor Award – Utility Projects $6 million to $25 million

This project is part of the City of San Diego's Sewer Main Replacement Program as mandated by the Environmental Protection Agency. This project installed new sewer mains and abandoned aging sewer mains installed as early as 1953. The project also installed new manholes, replaced of sewer laterals, installed curb ramp to facilitate access for persons with disabilities, and resurfaced streets where construction work took place at.



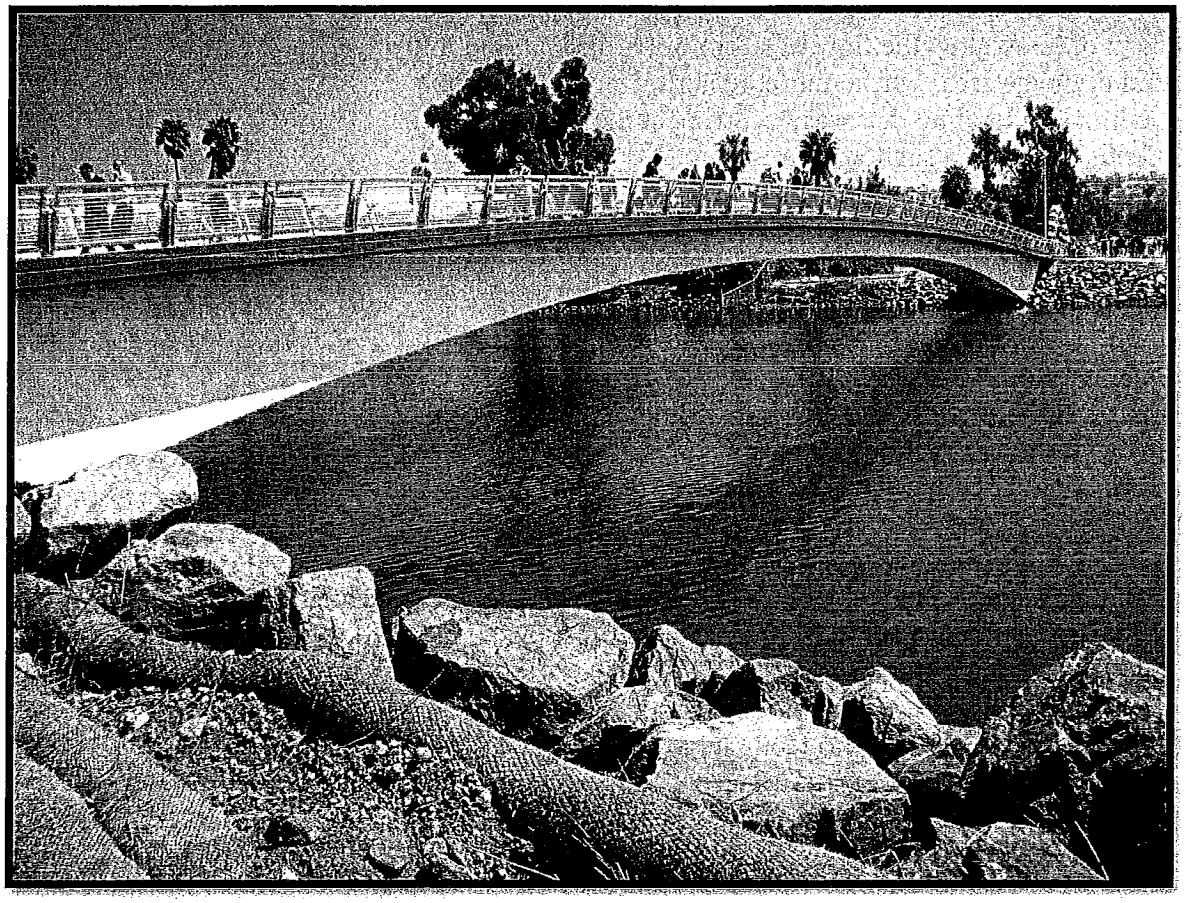
Open trench construction of sewer main and manhole.

Project Name: Rose Creek Bikeway
Project Delivery Method: Design Bid Build
Project Manager: Jamal Batta
Awards:

- **A.** American Concrete Institute, San Diego Chapter – Transportation
- **B.** ASCE Region 9: Statewide – Outstanding Bridge Project
- **C.** ASCE San Diego Chapter: Outstanding Project - Bridges
- **D.** WTS San Diego: Innovative Transportation Solutions – Alternative Modes and Active Transportation

E. American Council of Engineering Companies: National Recognition Award – 2013 Engineering Excellence

The Rose Creek Bikeway Project is approximately 1900 feet long and connects Pacific Beach Drive to North Mission Bay Drive via a clear-span bridge across Rose Creek. This project allows pedestrians, bicyclists, and emergency vehicles to cross Rose Creek without traveling all the way around via Grand Avenue. This project follows the Mission Bay Park Community Master Plan by helping to maintain safe and convenient continuity of the paths around Mission Bay Park.



The 260-foot Mike Gotch Memorial Bridge was dedicated on April 20, 2012, honoring the late San Diego City Councilmember and California State Assemblymember, who passed away from cancer in 2008.

Respectfully submitted,

Darren Greenhalgh
Public Works
Project Implementation Deputy Director

Approved: James Nagelvoort
Public Works
Director