

BICYCLE FACILITY IMPROVEMENT PROJECT SUMMARY

August 12, 2014

| PLANNED PROJECTS | | |
|--|---|--------------------------------|
| TITLE/DESCRIPTION | ESTIMATED COMPLETION DATE/STATUS | ESTIMATED PROJECT COST |
| Coast Hwy (Route 1) County-wide Corridor Improvement Master Plan | | |
| Initiated by the City of Newport Beach, the Coast Hwy County-wide Corridor Improvement Master Plan includes all Orange County agencies that have sections of Coast Hwy (Route 1), including Caltrans and OCTA. The goal of the project is to review Coast Hwy facility within Orange County to improve multi-modal (vehicle, bicycle and pedestrian) flow of local and regional traffic, while reducing impacts to local agencies by identifying the needs of the corridor, facility improvements, and funding sources to complete improvement projects. | 2015 Project Started | Funded by OCTA and Caltrans |
| Newport Blvd Modification - Via Lido to 30th St | | |
| Project will widen Newport Boulevard by adding one additional northbound through lane from 30 th Street to 32 nd Street and one additional southbound through lane from Via Lido to 32 nd Street. The project will also create on-street bicycle lanes from Via Lido to 32 nd Street, connecting with the recently installed bike lanes on 32 nd Street; construct new landscape medians and street lighting and modify existing traffic signals. | 2015 Design Phase | \$2M (Construction) |
| West Coast Hwy at Old Newport Blvd (Arches Interchange) Modification | | |
| This project will widen the westbound side of West Coast Highway at Old Newport Boulevard to accommodate a third through lane, a right turn pocket and a bicycle lane. Old Newport Boulevard might be realigned to maximize the right turn pocket storage length and improve roadway geometrics. Lane striping and the addition of an on-street eastbound bicycle lane through the interchange will also be evaluated as part of the project. | 2016 Design Phase | \$1.9M (Construction) |
| On-Street Bike Lanes on Jamboree Rd, San Joaquin Hills Rd and Spyglass Hill Rd | | |
| This project will install striped on-street bike lanes along Jamboree Road, San Joaquin Hills Road and Spyglass Hill Road. Staff has applied for, and received approval for grant funding through the Bicycle Corridor Improvement Grant Program (BCI) for this project. This project is currently submitted to Caltrans for State and Federal project approval as required by the grant. | 2015 State/Federal Design Review | \$240,000 (Construction) |

PLANNED PROJECTS (Continued)

| TITLE/DESCRIPTION | ESTIMATED COMPLETION DATE | ESTIMATED PROJECT COST |
|--|--|--|
| On-Street Bike Lanes on Eastbluff Drive/Ford Road | | |
| <p>This project will widen the south side of Eastbluff Drive at Jamboree Road and modify the roadway striping to install an on-street bike lane on Eastbluff Drive and Ford Road from Vista Del Oro to MacArthur Boulevard. This project is incorporated into the Bicycle Corridor Improvement Grant Program (BCI). Staff has applied for, and received approval for grant funding through the Bicycle Corridor Improvement Grant Program (BCI) for this project. The project has obtained State and Federal project approval as required by the grant.</p> | <p align="center">2014 Construction</p> | <p align="center">\$308,000 (Construction)</p> |
| Newport Heights/Peninsula Bicycle Improvements | | |
| <p>This project is in the conceptual phase, considering installation of bicycle route related warning and regulatory signage, as well as roadway striping and markings along bike routes from Newport Heights to the Balboa Peninsula, including Cliff Drive, Riverside Avenue, Coast Highway, Newport Boulevard. The bike lanes on 32nd Street and recently installed bike lane on Riverside Drive adjacent to Cliff Drive park were previously part of this project.</p> | <p align="center">On Going</p> | <p align="center">\$10,000 (Construction)</p> |
| Newport Coast Bicycle Warning Signs | | |
| <p>This project will install standard bicycle warning signs on Ridge Park Road and Vista Ridge Road to inform motorists of possible bicycle activity.</p> | <p align="center">On Going</p> | <p align="center">\$1,200 (Construction)</p> |
| Peninsula Point Bike Improvements | | |
| <p>This project considers the installation of bicycle markings and signage to Balboa Boulevard between Main Street and G Street.</p> | <p align="center">On Going</p> | <p align="center">\$5,000 (Construction)</p> |
| Comprehensive City-wide Bicycle Master Plan | | |
| <p>This project will develop a comprehensive, city-wide bicycle master plan with the goal of promoting safe and responsible cycling within the City through development of a comprehensive plan for outreach and education, identification of infrastructure needs and proposed improvement projects, creation of a city-wide bicycle network to accommodate all levels of cycling, connection to the regional trail systems, and identification of future funding sources. Use of a consulting firm that specializes in the development of transportation master plans is recommended with Staff oversight. This item may require additional resource allocation from the Community Development Department. A draft of the Bicycle Master Plan has been circulated for Public Review.</p> | <p align="center">Fall 2014 On Going</p> | <p align="center">\$135,000 (Construction)</p> |

PLANNED PROJECTS (Continued)

| TITLE/DESCRIPTION | ESTIMATED COMPLETION DATE | ESTIMATED PROJECT COST |
|--|---------------------------|------------------------|
| City-Wide Bicycle Route Map | | |
| A draft GIS-based bicycle route map using City resources has been prepared. The map is currently posted on the City website and staff is soliciting comments/questions. This item may require additional resource allocation from the GIS Division. Consulting services may be necessary to publish hard copies of the map. This project has been incorporated into the Bicycle Master Plan Project. | TBD | TBD |
| Newport Coast Drive Improvements | | |
| This project is in the conceptual phase, considering additional signage, striping and roadway improvements, and maintenance pull-outs to enhance vehicle, pedestrian and bicycle interaction on Newport Coast Drive from Coast Hwy to San Joaquin Hills Road. This item may require additional resource allocation from the Municipal Operations Department. | TBD | TBD |

COMPLETED ACTIONS/PROJECTS

| TITLE/DESCRIPTION | COMPLETION DATE |
|--|-----------------|
| Avocado Ave Facility Improvements | |
| This project installed bike lanes on Avocado Avenue from Coast Highway to San Miguel Drive and Sharrows from San Miguel Drive to San Nicholas Drive. The work as completed as part of the FY 13/14 pavement rehabilitation project. | Spring 2014 |
| Bayside Dr Bike Facility Improvements | |
| This project reinstalled Sharrows on Bayside Drive and extend the Sharrow zone from El Paseo Drive to Marguerite Avenue. The work as completed as part of the FY 13/14 pavement rehabilitation project. | Spring 2014 |
| OCTA Update to the Supervisorial Districts 1 and 2 Regional Commuter Bikeways Strategic Plan | |
| This OCTA led project will review and update the Regional Commuter Bikeway Strategic Plans in Supervisorial Districts 1 and 2, including the City of Newport Beach. This is a collaborative effort including all agencies and related stakeholders within Districts 1 and 2. Public Works and Community Development Staff will actively participate in this effort with the goal of promoting safe and responsible bicycling for all users, improving bicycle facilities, education and outreach, and increasing cycling awareness within Newport Beach. | Spring 2014 |
| Corona del Mar Bicycle Rack Installation | |
| This Corona del Mar Business Improvement District led project installed 50 custom bicycle racks along Coast Highway from Avocado Avenue to Hazel Drive. City Staff aided the CdM BID by determining appropriate locations for the racks and providing installation services. | Spring 2014 |
| 15th Street Public Pier Bicycle Rack Installation | |
| This project installed three custom bicycle racks as part of the improvements to the 15 th Street public pier. | Winter 2014 |
| Newport Coast Dr Sign and Striping Improvements | |
| This project modified the existing bike lane striping and install related warning and regulatory signs on Newport Coast Drive at the Southbound SR-73 on and off ramps to improve the vehicle/cyclist merge and crossing at this location. The project was completed through a Caltrans Encroachment Permit. Additionally, bike lane striping and signage was installed to the Newport Coast Drive right turn pockets from San Joaquin Hills Road to Ridge Park Drive. This project also installed school zone signage and markings around Newport Coast Elementary School, including adding high-visibility striping at the Newport Coast Drive/Ridge Park Road crosswalks. | Summer 2013 |
| 32nd St Bike Lane Project | |
| This project installed bike lanes on 32 nd Street between Newport Boulevard and Balboa Boulevard through reallocation of right-of-way to incorporate bicycle lanes. This project also extended the Seashore bike path from 34 th Street to Balboa Boulevard. | Summer 2013 |

COMPLETED ACTIONS/PROJECTS (Continued)

| TITLE/DESCRIPTION | COMPLETION DATE |
|---|-----------------|
| Citizens Bicycle Safety Committee – Public Works Staff Support (to date) | |
| This action is Public Works time allocated to the Citizen’s Bicycle Safety Committee to date, including staff time to prepare meeting items, agendas, handouts, meeting minutes, meeting logistics, preparation for response to committee requests, preparation of reports and presentations, and coordination of other City Staff. This item accounts for approximately 400 hours of Public Works Staff time for the two completed years of committee meetings/work. This item excludes the larger projects already listed in this document. | Winter 2013 |
| Ocean Front Signage Improvements | |
| Installed warning and regulatory signage along the Oceanfront trail to better inform oceanfront travelers of various bicycle cross-traffic, and to enhance the oceanfront experience. | Fall 2009 |
| Bayside Dr Sharrows | |
| This project installed Sharrow pavement markings and “SHARE THE ROAD” signs on Bayside Drive from El Paseo to Carnation (through the curves). <i>Note - These Sharrow Lane markings will be ungraded as part of the repaving of Bayside Drive in 2013.</i> | Fall 2010 |
| Bicycle Downhill Advisory Signs | |
| Installed “WATCH DOWNHILL SPEED” bicycle advisory signs on Ridge Park Road, Vista Ridge Road, and San Joaquin Hills Road in the steep downhill sections. | Spring 2011 |
| Castaways Trail Improvements | |
| Revised multi-use trail striping to better serve all users and installed signage to encourage shared use of the trail. | Summer 2011 |
| Fernleaf Ramp Sign Revisions | |
| Project removed bicycle prohibition signs and installed bicycle advisory signs on the Fernleaf Ramp. | Fall 2011 |
| Remove Raised Pavement Markers | |
| Project removed raised pavement markers identified as a hazard to cyclists on Bayside Drive and the Corona Del Mar State Beach Ramp. | Fall 2011 |
| Bayside Dr Bike Ramp Improvements | |
| Project installed a bike ramp, signage and red curb to enable cyclists to access the Class 1 bike trail along the south side of Bayside Drive between Harbor Island Drive and Marine Avenue. | Fall 2011 |

COMPLETED ACTIONS/PROJECTS (Continued)

| TITLE/DESCRIPTION | COMPLETION DATE |
|--|-----------------|
| Bonita Canyon Dr Bike Lane Improvements | |
| Project installed bike lanes, enhanced bike lane striping at intersections and turn lanes, and installed related warning and regulatory signage between MacArthur Boulevard and SR-73. | Winter 2011 |
| Coast Hwy Bike Lane Improvements | |
| Project installed missing sections of bike lanes, enhanced bike lane striping at intersections and turn lanes, and installed bicycle-related warning and regulatory signage from Dahlia Avenue through the Newport Center Drive intersection. | Winter 2011 |
| Coast Hwy Bike Alternate Bike Route | |
| Established an alternate bike route to Coast Highway from Avocado Avenue to Poppy Avenue (north and south of the Coast Highway) through the installation of bike route signs. Also included bike route signage for CDM State Beach. | Winter 2012 |
| Newport Center Bike Lane Installation | |
| Created bike lanes in Newport Center as part of a pavement rehabilitation project. Bike lanes were added along Newport Center Drive, Santa Barbara Avenue, San Miguel Drive, and Santa Cruz Drive. | Spring 2012 |
| Coast Hwy Bike Lane Improvement at Jamboree Rd | |
| Extend the existing westbound Coast Hwy bike lane to the intersection by signing and striping improvements to the right-turn lane and median modifications. This improvement was incorporated to the intersection Traffic Signal Rehabilitation Project. | Fall 2012 |