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LOTICIP Grant Application Presentation

to SCCOG Executive Board

Ocean Avenue Reconstruction

January 4, 2016

INTRODUCTION:

The City of New London prides itself as being a regional transportation, recreational, cultural and commercial hub to its 27,000 citizens and the numerous visitors from around the region and State that visit this City annually.

The City offers a host of multicultural restaurants, a comprehensive waterside park adjacent to the Thames River, along with both the City and State piers, art studios, performance venues, city parks, five magnet schools, two private colleges, the Coast Guard Academy and the future home of the Coast Guard Museum.

Ocean Avenue serves as a key thoroughfare providing access to Ocean Beach, a major seaside amusement park and tourist attraction, multiple shoreline beaches that support walking, jogging and bicycle activities.

The roadway fits into the internal access to a major city park (Toby May), the Nathan Hale Elementary School and Lawrence Memorial Hospital.

Ocean Avenue also plays heavily into the safety and welfare to all its residents along the southern section of the city as an evacuation route during critical times of need.

City records indicate that the concrete sidewalks along the westerly side of the roadway were spot repaired in 2009, but the pavement condition, which has exceeded its intended service life, has not been upgraded within the past 25 to 30 years due to lack of maintenance caused by funding restraints.

Presently there is no parking on either side of the roadway and the condition will remain that way after construction.

PROJECT SUMMARY:

The reconstruction of Ocean Avenue begins at the intersection with Niles Hills Road (State Route 213) and terminates 4,450 feet south at the intersection with Neptune Avenue.

The present condition of the pavement has become a continuous maintenance problem for the city. Ongoing phone calls from the residents in the area complain of potholes and noise caused by the differential unevenness of the asphalt and wear and tear on vehicles.

The pavement itself has exceeded its intended service life. The conditions that have led to the deterioration of the pavement are: 1) Numerous utility trench repairs, 2) Pothole repairs, 3) Brittleness, 4) Various types of pavement cracking, 5) Shrinkage, 6) Environment conditions (freeze/thaw), 7) Subbase failures due to water infiltration, 8) Lack of proper roadway drainage and 9) lack of proper maintenance.

The existing traffic signal located within the intersection of Glenwood Avenue and Ocean Ave is an older antiquated traffic signal with a control box that is aged to a point that replacement parts are no longer available. The signal does not reach the proper height above the pavement and the diameters of the lenses also do not meet today's standards.

The proposed work will include replacing the complete pavement structure, the addition of new granite curbing where missing, replacing any areas of deteriorated sidewalks, installation of concrete driveway aprons, installation of new ADA ramps to today's ADA standards, and the implementation of any storm drain improvements, pavement markings and signage.

The pavement width will be a uniform 34 foot wide pavement for a distance of 3,805 feet, a taper of 115 feet to a width of 36 feet for 520 feet towards the end of the project. The width of pavement will support two (2) 11 foot travel lanes and two 5-foot wide bike lanes end to end. The remaining lane width will be increase to 12-feet within the area of a 36-foot wide pavement.

A new traffic signal will be installed within the intersection of Glenwood Drive and Ocean Avenue and will meet all of today traffic control standards. The posted speed limit of 25 MPH will be maintained after the completion of the project.

The preliminary plans, estimation and application were developed by the City of New London's Engineering Services Division. It is the intent once project funding is secured, that the City will seek a qualified Consulting Engineering firm to complete the final design, which would include a traffic signal design, and complete the necessary bid documents.

The City also plans on administrating the project and will seek to retain the services of a qualified inspection consultant to monitor the daily activities of the contractor's work.

The City of New London staff and all of its citizens, especially those that utilize and prosper along this section of Ocean Avenue, want to thank the SCCOG Executive Board for its consideration in selecting and funding this very vital roadway Improvement project.



Proposed renovation includes total roadway reconstruction and the addition of curbing and two bicycle lanes throughout the project's 4450 foot length.



Location within New London



Example of proposed reconstruction

