

**CITY OF HUNTINGTON BEACH  
PUBLIC WORKS COMMISSION  
REQUEST FOR ACTION**

Item No. PW 10-27

**SUBMITTED TO:** Chairman Siersema and Members of the Commission

**SUBMITTED BY:** Travis K. Hopkins, PE, Director of Public Works *TH*

**DATE:** September 15, 2010

**SUBJECT:** Hazard Elimination Safety (HES) Traffic Signal Modifications  
Brookhurst Street and Yorktown Avenue, CC-1204  
Atlanta Avenue and Newland Street, CC-1246  
Atlanta Avenue and Magnolia Street, CC-1247

**Statement of Issue:** Plans and specifications are in final preparation for the modification of the traffic signals at the intersections of Brookhurst Street at Yorktown Avenue, Atlanta Avenue at Newland Street and at Atlanta Avenue and Magnolia Street. Upon approval from the Director of Public Works they will be ready for bid. Staff is seeking support for the project and the initiation of the competitive bid process.

**Funding Source:** Funds totaling \$665,000 are appropriated in the current budget year for the traffic signal modifications at these three locations. Funding is \$244,800 from federal Hazard Elimination Safety (HES) grants with matching local Measure M funds (81490007.82700) of \$420,200. The engineer's cost estimate for this project is \$520,000.

**Impact on Future Maintenance Costs:** Maintenance costs will be unchanged.

**Recommended Action:** Motion to support the initiation of the competitive bid process and to recommend to the City Council the proposed modification of the traffic signals at the intersections of Brookhurst Street at Yorktown Avenue, Atlanta Avenue at Newland Street and at Atlanta Avenue and Magnolia Street.

**Alternative Action(s):** Recommend changes to the project.

**Analysis:** These three intersections have been awarded competitive funding under the Hazard Elimination Safety program administered by the Federal Highway Administration and the California State Department of Transportation.

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The projects were funded to address a higher than expected incidence of left turn collisions at each of the intersections.

The construction work consists of installing east-west protected left turn arrows at Yorktown Avenue and Brookhurst Street, installing north-south protected left turn arrows at Newland Street and Atlanta Avenue and installing protected left turn arrows in all directions at the intersection of Atlanta Avenue and Magnolia Street. The work will include the installation of new traffic signal poles, signal heads and conduit installation to accomplish the proposed operation. There will also be some minor curb and gutter work and access ramp installation to comply with the current requirements of the Americans with Disabilities Act.

The breakdown for the three projects is as follows:

Brookhurst Street and Yorktown Avenue: \$222,000 (\$82,800 HES Grant, \$139,200 local Measure M);

Atlanta Avenue and Newland Street: \$211,500 (\$72,000 HES Grant, \$149,500 local Measure M);

Atlanta Avenue and Magnolia Street: \$221,500 (\$90,000 HES Grant, \$131,500 local Measure M);

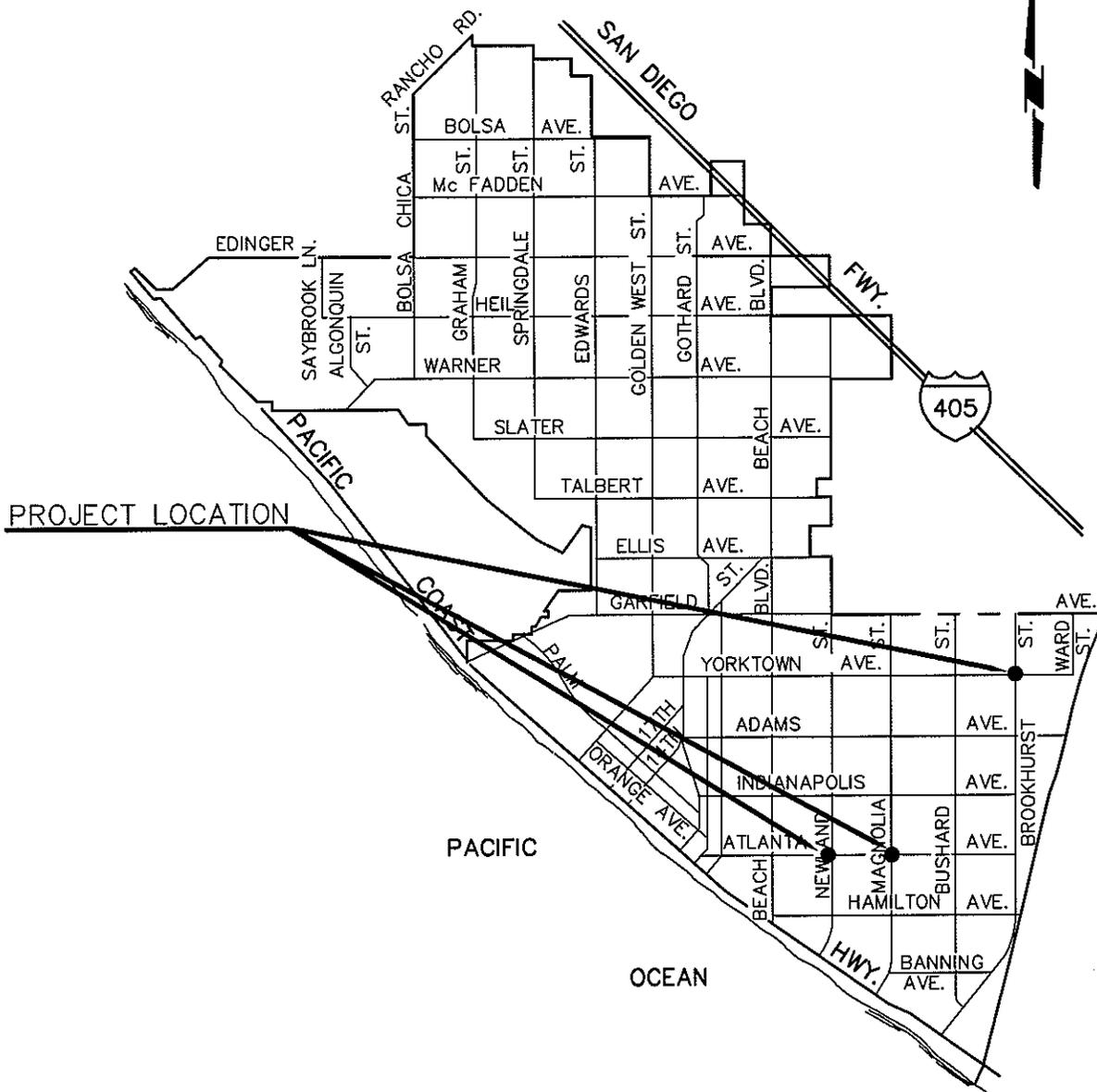
The estimated cost for this project is \$520,000. Federal HES funds will be appropriated in the amount of \$244,800. The balance of funding is included in the 2010/11 Capital Improvement Program. Construction will be scheduled for early 2011.

**Attachments:** Project Location Map

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G-1<sup>3</sup>

# ATTACHMENT #1



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CITY OF HUNTINGTON BEACH \* PUBLIC WORKS \* TRAFFIC ENGINEERING



VICINITY MAP  
 BROOKHURST STREET & YORKTOWN AVENUE,  
 NEWLAND STREET & ATLANTA AVENUE  
 AND  
 MAGNOLIA STREET & ATLANTA AVENUE

