



Diane Nichols Tradd
Assistant City Manager/DPD Director

Craig Thomas
Deputy Director

MEMORANDUM

TO: Eileen M. Donoghue, City Manager *EMD*

FROM: Diane N. Tradd, Assistant City Manager/DPD Director

DATE: February 25, 2020

SUBJECT: MOTION OF 2/4/20 BY COUNCILOR CHAU
REQUEST CITY MANAGER INVESTIGATE THE INTERSECTION OF
STEDMAN AND WESTFORD STREETS FOR POSSIBLE SAFETY
IMPROVEMENTS IN SIGNAGE OR VEHICULAR SPEED REDUCTION

The Transportation staff has previously investigated the intersection at Stedman and Westford Streets for safety improvements, including widening Stedman to include both a right and left turning lane. See attached motion response update. In addition, signage, improved sidewalks and traffic calming measures would be appropriate at this location. The cost estimate with contingency to perform the work is \$60,000. The City Engineer recommends bundling the project with other similarly-sized projects within the City, which can help lower the overall project cost by creating a more competitive bidding environment.

As part of the evaluation of several intersections in the City to determine if a traffic signal was warranted, the intersection at Stedman and Westford does warrant a traffic signal, based on several of the possible MUTCD signal warrants. Note that to optimize the Level of Service (LOS) for a traffic signal at this location would require adding a left turn lane on the westbound approach of Westford Street. Additionally, the City has been considering a Complete Streets project in this area to improve walkability. We have performed a walk audit, but no design has been completed. The City Engineer and Transportation Engineer will evaluate what the long-term plans are for this area and how best to proceed with the roadway widening. The project will be added to the Capital request for the next fiscal year.

NV/ns

Attachment

cc: Natasha Vance, PE, Transportation Engineer
John Gleason, Acting City Engineer
Christine Clancy, PE, DPW Commissioner



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MEMORANDUM

TO: Eileen M. Donoghue, City Manager *EMD*

FROM: Diane N. Tradd, Assistant City Manager/DPD Director

DATE: December 17, 2019

SUBJECT: UPDATE TO MOTION OF 8/13/19 BY COUNCILOR NUON
REQUEST CITY MANAGER HAVE PROPER DEPARTMENT MARK TWO
LANES FOR TRAFFIC COMING DOWN STEDMAN STREET AT THE
INTERSECTION OF WESTFORD STREET

As previously indicated in the original motion response, in order to add a right turn lane to the existing two lane configuration at the intersection of Stedman and Westford Street, the roadway width required is 38 feet. This encompasses a 2' shoulder on each side, 3 – 11' lanes and 1' for the centerline striping. The Transportation Engineer reviewed the City's GIS mapping, which indicates that the Right-of-Way (ROW) width is approximately 48 feet, but the current roadway width is insufficient to stripe the additional lane.

As requested by Councilor Nuon at the Council meeting on 10/8/19, the City Engineer evaluated the work required to widen the roadway to add the right turn lane. The work required would include:

1. Install new or reset curb on both sides approximately 200' up Stedman Street.
2. Install a 6' sidewalk (including WCR's and DW's) on the east side from Westford Street to the limit of this work.
3. Full-depth roadway restoration at curb realignment.
4. Thermoplastic Pavement Markings.
5. Miscellaneous back of sidewalk work.

The total cost estimate with contingency to perform the work is \$60,000. The City Engineer also evaluated the bare minimum to achieve three lanes at this location, which would involve only roadway restoration at the curb realignment section and pavement markings and would cost approximately \$15,000. The City has been considering a Complete Streets project in this area. We have performed a walk audit, but no design has been completed. The City Engineer and Transportation Engineer will evaluate what the long-term plans are for this area and how best to proceed with the roadway widening. The Transportation Engineer will add this project to the Capital request for the next fiscal year.

NV/ns

cc: Natasha Vance, Transportation Engineer
Christine Clancy, City Engineer
John Cooper, Sign Department, LPD