

NEW HAVEN CITY PLAN COMMISSION SITE PLAN REVIEW

RE: EDWARDS STREET at LIVINGSTON STREET, Traffic Calming Improvements (City Engineer).
REPORT: 1446-05
ACTION: Approval with Conditions

CONDITIONS OF APPROVAL

1. Bid documents shall be reviewed by Department of Traffic and Parking, prior to initiation of site work.
2. Any proposed work within City right-of-way will require separate permits.
3. Final determination of pavement markings, V-loc locations, signs, traffic controls and any temporary closures within the public right of way will be subject to the approval of the Department of Transportation, Traffic and Parking.
4. Any sidewalks or curbs damaged during the construction period shall be replaced in accord with standard City details.
5. As-built site plan shall be filed with City Plan Department. Site Plan shall be submitted in both mylar and digital format [DWF file based on the State Plane Coordinates (NAD1983)].

Submission: 2 Sheets by City Engineer 10/26/10: Site Plan at 20 scale, Site Plan at 40 scale including details.

PROJECT SUMMARY:

Project: Edwards Street traffic calming project
Address: Edwards Street near intersection with Livingston Street
Zone: RM-2
Owner: City of New Haven
Agent: Richard Miller, City Engineer **Phone:** 203-946-6417
Project Manager: Ron Coens **Phone:** 203-946-8103
City Lead: City Engineer **Phone:** 203-946-8105

BACKGROUND

Proposed Activity: The City proposes public improvements in the form of a traffic calming project for Livingston Street east of Whitney Avenue and west of Orange Street in the East Rock area, at the intersection with Livingston Street. Edwards Street runs east-west from Whitney Avenue to State Street, and in this particular block, fast moving traffic often endangers pedestrians attempting to cross at this intersection. Pavement is deteriorated in the roadway as well.

The project involves raising the intersection slightly with a concrete platform, ramping up to the platform area with 5' honeycomb pattern ramps to a stamped aggregate reinforced thermoplastic crosswalk. The platform will rise 6" in 10' with a small circular hump in the middle. Each of the curbs on the north side of Edwards at Livingston has a "bump out" to narrow the travel lanes on Edwards and to allow more room for existing trees. Planters on either end of the platform as it ramps up, and also on the center line leading in from Livingston will be planted out with low plant materials. There will be a 10' center circle which is also treated with the stamped striped asphalt. There will be four new pedestrian cross walks on Edwards (two at Livingston, one at Whitney and one at Orange), and one on Livingston Street. The Edwards Street road way will be remilled and paved as part of the project.

One catch basin at the southwest corner of the intersection requires relocation but otherwise there are no other storm water improvements necessary.

The Edwards travel lane width at Whitney and at Orange is 12' with an 8' parking lane but will narrow to 11' just west and east of the improvements and continue to narrow in the approach. Two new speed humps will be installed half way between the Whitney/Livingston and the Orange/Livingston intersections so that traffic has already slowed as it approaches the Livingston intersection. Sharrows will be marked approximately 200' apart in both directions. New trees will be planted in a narrow grass tree belt between Whitney and Livingston. This may be an opportunity to experiment with pervious pavement in the tree belt due to its extreme narrowness.

PLANNING CONSIDERATIONS

The City Engineer has met with the community management team which seemed enthused by the proposed improvements. There are no takings of private property. The traffic calming project was initiated due to neighborhood concerns regarding safety generated by fast moving traffic. Installation of the "semi roundabout" should calm the traffic and prevent speeding. The intersection speed table has been designed to avoid encroachments on private property. The Commission understands neighborhood residents have expressed interest in maintaining the landscaping in the "splitter" planters. Adoption by neighborhood group is always ideal for the Parks Department which normally would maintain such planters.

SITE PLAN REVIEW

Plans have been reviewed by the Site Plan Review team with representatives from LCI Building, City Plan, City Engineer, Disabilities Services and Department of Transportation, Traffic and Parking and have been found to meet the requirements of City ordinances, Regulations and standard details.

ACTION

The City Plan Commission adopts the submitted Site Plans subject to the standard conditions (see page 1).

ADOPTED: November 17, 2010
Edward Mattison
Chair

ATTEST: 
Karlyn M. Gilvarg, AIA
Executive Director