HAMDEN TRAFFIC DEPARTMENT

SUMMARY OF PROJECTS

1ST Quarter

2018

Authored by: Chief Thomas J. Wydra
WSP | Parsons Brinckerhoff completed a traffic calming study for this area of West Todd Street that produced a series of recommendations produced in a report that was submitted in February 2017. The report, and its recommendations, was approved by the Traffic Authority on April 13, 2017 after being fully vetted.

**Project status:**
The Traffic, Engineering, and Public Works Departments are currently working on completing the work associated with the approved traffic calming recommendations.
WEST TODD STREET AT THE INTERSECTION OF JOYCE ROAD II
WEST TODD STREET AT THE INTERSECTION OF JOYCE ROAD II
RIDGE ROAD BETWEEN THE INTERSECTIONS OF DAVIS STREET AND HARTFORD TURNPIKE

WSP | Parsons Brinckerhoff completed a traffic calming study for this section of Ridge Road that produced a series of recommendations included in a report that was submitted to the Town in February 2017. The report, and its recommendations, was approved by the Traffic Authority on June 14, 2017 after being fully vetted. The Planning and Zoning Commission referred the traffic calming study and its recommendations for major roadway improvements to the Legislative Council, which approved it at a meeting on September 18, 2017.

**Project status:**
An initial meeting of the local departments involved in this project was held on October 13, 2017, to determine the scope and resources needed to complete engineering and construction tasks. Field surveying of existing conditions was accomplished on November 28, 2017, and a map is currently being drafted. It is anticipated that preliminary bid documents will be available for internal review by mid-January 2018, with bidding occurring in February. Construction is envisioned for the spring 2018.
RIDGE ROAD BETWEEN THE INTERSECTIONS OF
DAVIS STREET AND HARTFORD TURNPIKE
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WSP | Parsons Brinckerhoff is providing traffic planning and engineering consulting services that emphasized the development of a conceptual traffic calming and crash (accident) mitigation plan for Gaylord Mountain Road in the vicinity of the intersections of Deer Hill Road and Handy Road. The scope of work included defining the study area for traffic calming and crash (accident) mitigation measures; compiling existing condition data and conducting an analysis of corridor conditions; evaluating safety and developing a concept to improve the existing conditions.

Project status:
The crash mitigation study was officially submitted to the Town on October 31, 2017 and submitted to the Traffic Authority on November 8, 2017. A public information meeting will be scheduled in the future where an overview of the study and its traffic calming recommendations will be provided by the consultant. Review and consideration by the Planning and Zoning Commission, as well as the Legislative Council, will be needed in the future as well, assuming that the recommendations are approved by the Traffic Authority.
GAYLORD MOUNTAIN ROAD BETWEEN THE INTERSECTIONS OF DEER HILL ROAD AND HANDY ROAD
GAYLORD MOUNTAIN ROAD BETWEEN THE INTERSECTIONS OF DEER HILL ROAD AND HANDY ROAD
WSP | Parsons Brinckerhoff completed this traffic calming improvement plan for the Todd Street corridor between the intersections of Whitney Avenue (Route 10) and Shepard Avenue and provided it to the Town on September 1, 2017.

**Project status:**
The traffic calming study was presented to the Traffic Authority at a meeting on September 13, 2017. A public information meeting will be scheduled in the near future where an overview of the study and its traffic calming recommendations will be provided by the consultant. Review and consideration by the Planning and Zoning Commission, as well as the Legislative Council, will be needed in the future as well, assuming that the recommendations are approved by the Traffic Authority.
TODD STREET BETWEEN THE INTERSECTIONS OF WHITNEY AVENUE (ROUTE 10) AND SHEPARD AVENUE
TODD STREET BETWEEN THE INTERSECTIONS OF
WHITNEY AVENUE (ROUTE 10) AND SHEPARD AVENUE
JOHNSON ROAD AND HILLFIELD ROAD

The Engineering, Public Works and Traffic Departments worked in collaboration during the summer to produce a proposal for the reconfiguration of the intersection of Johnson Road and Hillfield Road in order to create a more traditional, standardized, and safer “T” intersection. The plan was submitted to and approved by the Traffic Authority at a meeting on August 9, 2017. At a meeting on September 12, 2017, the Planning and Zoning Commission, in accordance with CGS 8-24, made a favorable referral of the reconfiguration plan to the Legislative Council. At a meeting on September 18, 2017, the Traffic Committee of the Legislative Council voted to table action on the plan amid public pressure to include a multi-way stop at the intersection as part of the project.

Project status:
WSP | Parsons Brinckerhoff completed a traffic calming study for this intersection that produced a series of recommendations included in a report that was submitted to the Town on November 28, 2017. That report has been submitted to the Legislative Council with a request for action at a future meeting.
JOHNSON ROAD AND HILLFIELD ROAD
The Town and CDM Smith continue to work on the design and feasibility study for a proposed roundabout at the intersection of Ridge Road and Hartford Turnpike. This study has progressed from conceptual drawings into a fully developed preliminary design to identify utility conflicts, rights of way impacts, as well as necessary intersection grading, drainage, and construction staging.
RIDGE ROAD AND HARTFORD TURNPIKE
WSP | Parsons Brinckerhoff is currently developing conceptual traffic safety improvement strategies for the section of Mt. Carmel Avenue between the intersections with Hogan Road and the driveway entrance to Sleeping Giant State Park. This stretch of Mt. Carmel Avenue bisects the main campus of Quinnipiac University (“QU”) and Sleeping Giant State Park, with single travel lanes established with line paint that includes a double yellow centerline and white shoulder lines. Parking on the north side of this section of Mt. Carmel Avenue is currently available, but only on Saturdays and Sundays. Pedestrian activity crossing Mt. Carmel Avenue and generated from the QU student body, especially during alumni and special events, is significant during peak times.

The scope of work includes an evaluation of the installation of a midblock, raised crosswalk on Mt. Carmel Avenue in an appropriate location between the intersections of the main entrance/exit driveway of QU and the driveway entrance/exit to Sleeping Giant State Park. Additionally, the re-striping of Mt. Carmel Avenue in this section that would re-position the double yellow centerline in order to eliminate any “no parking” restrictions on the north side of the street is also being assessed.

**Project Status:** The study is on-going by WSP | Parsons Brinckerhoff.
MT. CARMEL AVENUE
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EVERGREEN AVENUE

WSP | Parsons Brinckerhoff is currently developing conceptual traffic safety improvement strategies for the section of Evergreen Avenue between the intersections with Dickerman Street and Home Place.

The scope of the work includes an evaluation of any warrants for the installation of an all-way stop at the intersection of Evergreen Avenue with Home Place, and recommended strategies for traffic calming, speed reduction and safety improvements.

Project Status:
The study is on-going by WSP | Parsons Brinckerhoff.
EVERGREEN AVENUE/DICKERMAN STREET
EVERGREEN AVENUE/HOME PLACE
WSP | Parsons Brinckerhoff is currently developing conceptual traffic safety improvement strategies for the section of Benham Street between the intersections with Circular Avenue and Lane Street.

The scope of the work includes an evaluation of the installation of a midblock, raised crosswalk on Benham Street in an appropriate location between the intersections with Circular Avenue and Lane Street, and recommended strategies for traffic calming, speed reduction and safety improvements.

**Project Status:**
The study is on-going by WSP | Parsons Brinckerhoff.
BENHAM STREET
BENHAM STREET/LANE STREET
BENHAM STREET/CIRCULAR AVENUE
Traffic Calming Projects

WHITNEY AVENUE AND DIXWELL AVENUE SIGNAL IMPROVEMENTS (STATE PROJECT 61-151)

Vanesse Hangen Brustlin, Inc. (“VHB”) was responsible for the engineering design and preparation of construction contract documents for this traffic signal improvement project, which consists of the complete replacement of the seven (7) traffic signals listed below, including emergency vehicle preemption, pedestrian crossings with ADA ramps, video detection for vehicle presence at all approaches, and 12” LED lamps.

- Whitney Avenue and Worth Avenue
- Whitney Avenue and Dixwell Avenue
- Whitney Avenue and School Street
- Whitney Avenue and Washington Avenue, Elm Street/James Street
- Whitney Avenue and Our Lady of Mount Carmel Church Driveway
- Whitney Avenue and State Route 40 Connector
- Dixwell Avenue and Washington Avenue

Project Status:
This project was awarded to Ducci Electrical Contractors Inc. on December 15, 2017. A pre-construction meeting will be scheduled by CTDOT in late January 2018. This meeting will be attended by representatives from the Town, CTDOT, VHB, the contractor, and various utility companies. Based on a preliminary schedule prepared during design, the contractor is allowed twenty-four (24) weeks for an organizational phase (submitting shop drawings, ordering materials, utility coordination, etc.). Construction is expected to begin in late June 2018.
WHITNEY AVENUE AND WORTH AVENUE
WHITNEY AVENUE AND SCHOOL STREET
WHITNEY AVENUE, WASHINGTON AVENUE, ELM STREET & JAMES ST
WHITNEY AVENUE AND STATE ROUTE 40 CONNECTOR
DIXWELL AVENUE AND WASHINGTON AVENUE
VHB was responsible for the engineering design and preparation of construction documents for traffic signal improvements at the intersections of State Street at Ridge Road and Merritt Street.

**Project Status:**
CTDOT has provided approval for the construction plans. The Town put this project out to bid in the fall of 2017, however only one contractor bid on the project. The bid price significantly exceeded the engineer’s estimate, and the Town rejected the bid. The Town is considering combining this project with two other traffic signal projects (Newhall Street at Mill Rock Road and Dixwell Avenue at Mather Street) in one bid package to reduce overall costs and incentivize more contractors to bid on the project.
STATE STREET AT RIDGE ROAD AND MERRITT STREET
VHB was responsible for the engineering design and preparation of construction documents for traffic signal improvements at the intersection of Newhall Street at Mill Rock Road.

**Project Status:**
The Office of the Statewide Traffic Administration ("OSTA") completed their review of this project and has issued a traffic signal permit. The Town put this project out to bid, but only one contractor bid on the project. The bid price significantly exceeded the engineer’s estimate, and the Town rejected the bid. The Town is considering combining this project with two other traffic signal projects (State Street at Ridge Road and Merritt Street, as well as Dixwell Avenue at Mather Street) in one bid package to reduce overall costs and incentivize more contractors to bid on the project.
DIXWELL AVENUE AT MATHER STREET

VHB is responsible for the engineering design and preparation of construction documents for traffic signal improvements at the intersection of Dixwell Avenue at Mather Street.

Project Status:
The Division of Traffic Engineering for CTDOT has completed their review with no further comments. A formal CTDOT approval letter from the District is pending. The Town is considering combining this project with two other traffic signal projects (State Street at Ridge Road and Merritt Street, as well as Dixwell Avenue at Mather Street) in one bid package to reduce overall costs and incentivize more contractors to bid on the project.
DIXWELL AVENUE AT MATHER STREET
WSP | Parsons Brinckerhoff is currently developing the engineering design and preparation of construction documents for traffic signal improvements at the intersection of Putnam Avenue at Leeder Hill Drive and Newhall Street.

**Project Status:**
The engineering design phase is on-going.
PUTNAM AVENUE AT
LEEDER HILL AND NEWHALL STREET