HAMDEN TRAFFIC DEPARTMENT

SUMMARY OF PROJECTS

2nd 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 traffic calming recommendations were approved by the Traffic Authority on April 13, 2017 after being fully vetted.

Project status:
The Traffic, Engineering, and Public Works Departments continue to in unison to complete 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
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:**
The bid for the work associated with this project was awarded to V & F Paving by the Purchasing Department on March 22, 2018. Equipment and materials needed to complete the project must be procured by the vendor, and a pre-construction meeting to review the plan and schedule actual construction must be arranged as well. Completion of the project is anticipated for the summer of 2018.
RIDGE ROAD BETWEEN THE INTERSECTIONS OF
DAVIS STREET AND HARTFORD TURNPIKE
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Traffic Calming Projects

GAYLORD MOUNTAIN ROAD BETWEEN THE INTERSECTIONS OF DEER HILL ROAD AND HANDY ROAD

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 was held on March 1, 2018 where an overview of the study and its traffic calming recommendations were offered by the consultant. The plan and its recommendations have been re-submitted to the Traffic Authority for approval and will be considered at a meeting scheduled for April 11, 2018.
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 was held on March 1, 2018 where an overview of the study and its traffic calming recommendations were provided by the consultant. The plan and its recommendations have been re-submitted to the Traffic Authority for approval and will be considered at a meeting scheduled for April 11, 2018.
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
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. A public information meeting was held on March 1, 2018 where an overview of the study and its traffic calming recommendations were provided by the consultant. The plan and its recommendations have been re-submitted to the Traffic Authority for approval and will be considered at a meeting scheduled for April 11, 2018.
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 was submitted to the Town in March 2018 and is currently being reviewed.
MT. CARMELO AVENUE
MT. CARMEL AVENUE
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/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. Traffic counts in the target area were collected during a one-week period starting on April 4, 2018, and include turning and pedestrian movements on Benham Street between Mix Avenue and Benham Street.
BENHAM STREET/LANE STREET
BENHAM STREET/CIRCULAR AVENUE
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 was held on January 22, 2018 and attended by all relevant parties of the project. A subsequent meeting with utility companies was held on February 27, 2018 to discuss the project and its impact on utility equipment. Ducci Electrical Contractors submitted catalog shop drawings and the proposed equipment to be utilized for construction of the project to VHB and CTDOT in March 2018. Construction continues to be targeted for late June 2018.
WHITNEY AVENUE AND WORTH AVENUE
WHITNEY AVENUE AND SCHOOL STREET
WHITNEY AVENUE, WASHINGTON AVENUE, ELM STREET & JAMES ST
WHITNEY AVENUE AND OUR LADY OF MT CARMEL CHURCH
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 submitted a bid. The bid price significantly exceeded the engineer’s estimate, and the Town rejected the bid. VHB re-structured the bid, and consolidated this project, as well as the intersections of Dixwell Avenue at Mather Street and Newhall Street and Mill Rock Road, into one global package in an effort to reduce overall costs and incentivize more contractors to bid on the projects. The bid documents were submitted to the Purchasing Department on April 10, 2018 for review and preparation for a public bidding process.
STATE STREET AT RIDGE ROAD AND MERRITT STREET
NEWHALL STREET AT MILL ROCK ROAD

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. VHB re-structured the bid, and consolidated this project, as well as the intersections of Dixwell Avenue at Mather Street and State Street at Ridge Road and Merritt Street, into one global package in an effort to reduce overall costs and incentivize more contractors to bid on the projects. The bid documents were submitted to the Purchasing Department on April 10, 2018 for review and preparation for a public bidding process.
DIXWELL AVENUE AT MATHER STREET

VHB was 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:
VHB has combined this project with the previously publicly advertised projects at the intersections of State Street at Ridge Road and Merritt Street and Dixwell Avenue and Mather Street, into one global package in an effort to reduce overall costs and incentivize more contractors to bid on the projects. The bid documents were submitted to the Purchasing Department on April 10, 2018 for review and preparation for a public bidding process.
DIXWELL AVENUE AT MATHER STREET
PUTNAM AVENUE AT
LEEDER HILL AND NEWHALL 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, while preliminary drawings are expected to be available for review by April 13, 2018.
PUTNAM AVENUE AT
LEEDER HILL AND NEWHALL STREET