



City of Traverse City Engineering Department

Project Update Report

June 2017

The Engineering Department is working on a vast range of projects including but not limited to:

- Boardman River Boat Launch (Lot D)
- 8th Street Bridge Rehabilitation
- West Front Street Bridge Replacement
- Cass Street Bridge Rehabilitation
- Park Street Bridge Rehabilitation
- West Front Street Reconstruction Project (Division Street to Elmwood)
- Clinch Park Improvements Project (mechanical filtration system)
- Paving and Resurfacing Projects
- Park Street Streetscape
- East Front Street Streetscape
- Lake Street Streetscape
- Sidewalks
- Safe Routes to School

More specific project information is noted below:

1. Park Projects

- Boardman River Boat Launch Project-** Scope of work includes installation of new launch and movable dock, dredging, a universally accessible canoe/kayak launch, resurfacing the parking lot, installation of retaining walls near the launch and turnaround to stabilize eroding site banks, installation of trees and native plantings, and boat cleaning/invasive species education signage. *Construction began in the Fall of 2016. Project is nearly complete with the top layer of asphalt pavement scheduled for June 29. Grade issues with connecting the biofilter tree box storm systems pipes to the existing buried piping required obtaining a permit revision from the MDEQ and Army Corp of Engineers that delayed the project several weeks. Also, environmental testing of the excess soils to be able to dispose of the soil delayed the project an additional two weeks. The shade sail foundation is scheduled for installation next week and the shade sail is planned to be installed in July. The ADA kayak launch is in production and is planned to be installed in July.*
- Clinch Park-** Corrective action for 2013 project, including filtration system upgrades for water feature. *Arbitration settlement accepted by both parties. Currently in design development and securing permits for Fall 2017 or Spring 2018 construction.*
- Clancy Park-** The project includes the addition of walking trails within the park, improvements to the natural area, a new universally accessible playground and other features. *NRTF grant awarded and accepted by the City Commission. Currently in design development for construction in Fall 2017.*
- Hickory Hills-** The project includes improvements identified in the Hickory Hills Master Plan in conjunction with the Preserve Hickory fundraising and BBTF commitment. *Working with DPS on project implementation.*
- Bryan Crough Memorial Project-** *Project awarded to Elmer's Crane and Dozer. Project complete June 2017.*

2. Bridge Projects-

- Eighth-** Replace bridge deck using MDOT Critical Bridge Funds for the 2013 fiscal year. Prevent further deterioration resulting in more costly repair/replacement and ultimately bridge failure. Receiving MDOT Critical Bridge Funds for FY2013 for \$750,000. *Design and Development with a planned 2017/18 construction.*
- Front Street Bridge-** Bridge replacement using MDOT Critical Bridge Funds for the 2013 FY. *Design and Development with a planned 2017/18 construction.*
- S. Cass Street Bridge Rehabilitation-** Repair existing bridge. *Funding from MDOT Bridge Program- for the 2016 fiscal year. Closed east sidewalk due to structural conditions. Currently in design/development with planned 2017/18 construction.*
- Park St. Bridge Repair –** Rehabilitate bridge superstructure. *Funding from MDOT Bridge Program approved for the 2017 fiscal year. Currently in design/development with planned 2017/18 construction.*



City of Traverse City Engineering Department

Project Update Report

June 2017

- e. Murchie Bridge Pedestrian Railing (Grandview Pkwy bridge over the Boardman River)- Repair or replace existing pedestrian railing- *Completed in conjunction with MDOT's Bridge Project May 2017*

3. Street Projects

- a. **Paving and Resurfacing 2017**- Phase 1- Seventh Street and Eleventh Street *Delayed. Public involvement pending.*
- b. **Lake Avenue Streetscape**- Street reconstruction with streetscapes. *Met with DDA and property owners on two occasions. Hired consultant to develop alternate layouts and detailed cost estimating. Meeting with property owners in July about SID costs.*
- c. **East Front Street Streetscape and Mid-Block Cross Walk**- Street reconstruction with streetscapes, *pending property owner participation. Public involvement and schematic design in process. IDF is the consultant leading the planning process. Planning effort to be complete by Sept 2017.*
- d. **Park Street Streetscape and Parking Deck Entrance**- Street reconstruction with streetscapes. *Construction anticipated to be completed by June 30. Possible change order to install 6 parallel parking spaces along front of Chase Bank in Front Street and repair decorative brick crosswalks at State Street under change order to contract in Fall 2017.*
- e. **West Front Street**- Street reconstruction for the portion between Division Street and Elmwood. *Project funding using 2018 Small Urban Funds secured in February 2017. Final plans sent to MDOT for bidding in April 2017. Bids received by MDOT on June 2 with the Agreement for funding and deposit approved by the City Commission on June 19. Construction is scheduled from August 7 to November 17. Property owners considering a Special Improvement District for lighting to be completed by City/TCLP in conjunction with construction. They selected lighting, pedestrian scale like the lighting installed on Silver Drive and requested lower illumination levels.*
- f. **Eighth Street Reconstruction**- Street reconstruction from Barlow to Cass Street including water transmission line replacement from Garfield to Wadsworth Streets. *Topographic survey and mapping underway. Hired consultant to develop phasing options and detailed cost estimating. Community Development meetings with property owners to take place in July to discuss project.*
- g. **Stations Street**- Alley conversion to street including drainage improvements, parking and sanitary sewer replacement on Alley south of 8th Street between Wellington and Franklin Streets as part of the 8th Street Reconstruction Project. *Currently in design development for Fall 2017 construction.*
- h. **2017/18 Pavement Preservation** - Project in design development for pavement maintenance projects. *Completed pavement cores June 2017. Bidding expected in July 2017 with construction starting in July/August.*
- i. **Boardman Lake Avenue/Railroad Wye relocation**- Consultant, LSL Planning, presented recommendations to the City Commission for West Boardman Lake District that included Boardman Lake avenue and Wye relocation on 1/9/17.

4. Walkway/Sidewalk/Trail Projects:

- a. **Safe Routes to School grant**- Collaboration with all 10 city (K-8) schools (public and private) to participate in the Safe Routes to School program for infrastructure improvements (sidewalks, traffic calming, signage, etc.) for routes to schools. *City Commission approved Resolution of Support in October 2016. Phase 1 schools are Immaculate Conception, Eastern Elementary and Traverse Heights. Walking Audits and Action Plan meetings took place spring 2017. Phase 1 grant application expected this fall with Phase 1 construction anticipated summer 2019. Grant award for infrastructure expected to be approximately \$200,000 per school or up to \$2,000,000 for all 10 schools. Phase 2 planned to include the remaining 7 schools.*
- b. **Boardman Lake Trail**- Project is to complete the Boardman Lake Trail loop. *Hired Prein & Newhof for final design and engineering. Project easements underway. Several grant requests underway. Private fundraising underway by TART Trails. Trail management discussions underway.*



City of Traverse City Engineering Department

Project Update Report

June 2017

- c. **2016/17 Sidewalk Replacement and Gap Infill Project-** Sidewalk replacement locations are on 10th St. between Division and Union St. Gap infill locations are focused on the area surrounding Traverse Heights Elementary School on Centre Street. Contracts awarded *Construction in progress*.
 - d. **Boardman River Boardwalk at Uptown-** RFP for engineering services released. *Consultant interviews underway*.
- 5. Traverse City Parking System-**
- a. **Hardy Parking Deck Violation Bureau-** *complete*
 - b. **Hardy and Old Town Decks Maintenance-***Developing work items for maintenance of Hardy and Old Town Decks for maintenance contract.*
 - c. **West Front Parking Deck-** *property has been purchased and project parameters are being investigated. Preparing RFQ for parking deck design consultant.*
- 6. SAW Grant and related Sanitary Sewer and Storm Water Systems Asset management plans-** *\$2 million grant awarded, grant agreement executed, implementation underway. Rim elevations of sanitary sewer manholes, wastewater asset management plan underway, stormwater asset management plan underway and the stormwater management plan underway. Project completed in June 2017.*
- 7. Facilities:**
- a. **Senior Center Facility Renovation-** *Architect has been retained for design services and has prepared preliminary floor plan options; project is in the fundraising stage.*
 - b. **DPS Building Repair-** *Completed evaluation of masonry wall and façade cracking and repair. Prepared corrective action plan with bids for repair work due in July.*
 - c. **2017 Carnegie Building Elevator Replacement Project-** *Design services complete by Cornwell Architects. Bid documents released May 9, project awarded to Grand Traverse Construction.*
- 8. Utilities:**
- a. **Elmwood Township Water and Sanitary Sewer Conversion-** *Construction contract for flow meter at boundary awarded June 19 with construction in July/August 2017.*
 - b. **2017 Lead Gooseneck Replacement Project-** *Bid documents released on June 7. Bids due June 22.*
- 9. Farmer's Market Improvements-** *Improve parking lot and construct all-weather shelter and amenities, pending funding.*
- 10. Union Dam/Boardman River monitoring stations-** *Collecting data for water level monitoring systems in three locations within the city . Participated in the three day workshop held in Traverse City for the Bidirectional Selective Fish Passage Project.*
- 11. Permit review-** *160 Right-of-way, 34 active storm water run-off control and 38 active soil erosion permits have been issued year-to-date or are being monitored.*
- 12. Traffic counts and speed counts-** *Intern for traffic counting started June 2017.*
- 13. Development Projects-** *Projects including Munson Medical Center developments, COSTCO, Immaculate Conception, Grandview Market, Radio Center Phase III, Park Place Development, Traverse Connect Garfield Avenue Apartments, Habitat for Humanity at the Depot, Uptown, 124 W. Front, NMC developments, Crystal Cove (Lake Ridge), Northwinds (Lake Ridge), Lake Ridge Drive Townhouse, Safe Harbor at 517 Wellington, Bay and Randolph (2 projects), The Moorings, 305 W. Front Street, East Bay Plaza, Envision 8th, Rite Aid at Garfield/Front and Eastern Elementary School are in different stages of planning and construction and we continue to monitor their progress.*
- 14. Street Pattern Book-** *Prepare neighborhood street design pattern book.*
- 15. Capital Improvements Plan-** *Assist with preparation of 2017/18 CIP. Complete.*