

City Engineering Department

Quarterly Department Report

June 2016

Updated projects highlighted in yellow

ENGINEERING:

Working on a vast range of projects including but not limited to:

- Boardman River Boat Launch
- Garland Street Reconstruction (Consultant)
- 8th and West Front Street Bridge Reconstruction
- Pine Street Pedestrian Way Bridge and TCLP Undergrounding Project
- West Front Street Reconstruction Project
- Clinch Park Improvements Project
- Paving and Resurfacing Projects

- More specific Project information is noted below:

1. **Division Street-** *PEL final report adopted by City Commission.*
2. **West End Beach Trail and Access Project (Slabtown Beach)-** *Slabtown Neighborhood has requested that the City re-Apply for a beach grooming permit in 2016. Lake levels have significantly altered the character and extent of available beach area.*
3. **Boardman River Boat launch Project-** *Scope of work includes installation of new launch and piers, 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. MDEQ and ACOE construction permits received. Construction pending plan review by granting agency, Fall 2016.*
4. **Opera House -** *Completed tenant space bathroom. Shower retrofit and 3rd floor build out by COHAA remaining.*
5. **Clinch Park-** *Corrective action for 2013 project, including shoreline repair, tunnel drainage, and water feature. Project nearly complete with tunnel drain work scheduled for the next month. Arbitration settlement accepted by both parties.*
6. **Safe Routes to School grant-** *Collaboration with local schools (public and private) to seek funding through the Safe Routes to School program for infrastructure improvements around all neighborhood schools in the city. Preliminary meetings have taken place and current plans are to conduct walking audits beginning in the fall and a grant application to follow.*
7. **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. A NRTF grant was awarded and needs to be accepted by the City Commission along with BBTF dollars. Plans are for survey and design work to be complete in 2016 with construction in Fall 2017.*
8. **Traverse City Parking System-** *Working on Hardy Parking Deck back up generator for emergency lighting, expected completion Summer 2016; and Violation Bureau improvements in coordination with TC Parking System, expected completion Fall/Winter 2016.*
9. **Garland St. Reconstruction/streetscapes -** *Infrastructure improvement; realign street; improved access; redirect Garland Street from Grandview Parkway to Union Street on the east end; provide a shared space street for pedestrians and motor vehicles. Fleis and Vandenbrink has been hired for design and engineering. Construction underway and expected to be complete by August 2016 with lighting elements complete by Fall 2016.*
10. **West Front Street-** *Street reconstruction for the portion between Division Street and Elmwood. Complete topographic surveying and mapping spring 2016. Design development Spring/Summer 2016 and construction Spring 2017.*

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11. Bridge Projects-

- a. 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 2016/17 construction.*
- b. Front Street Bridge- Bridge replacement using MDOT Critical Bridge Funds for the 2013 FY. *Design and Development with a planned 2016/17 construction.*
- c. Pine Street Pedestrian Bridge- Pedestrian walkway and bridge over the Boardman River connecting West Front Street with Grandview Parkway. *Substantially complete, waiting for removal of remaining overhead utility lines. Ribbon cutting planned June 29 at 3:00 p.m.*
- d. S. Cass Street Bridge Rehabilitation- Repair existing bridge. *Funding from MDOT Bridge Program- for the 2016 fiscal year Completed topographic surveying and mapping spring 2016; Closed east sidewalk due to structural conditions.*
- e. Park St. Bridge Repair – Rehabilitate bridge superstructure. *Funding from MDOT Bridge Program approved for the 2017 fiscal year Completed topographic surveying and mapping spring 2016*

12. Paving and Resurfacing 2014

- a. West Front Street Reconstruction (west city limits to Elmwood)- *The pedestrian flashing beacon installed June 2016.*

13. Paving and Resurfacing 2016

- a. Phase 1- E. State Street, Franklin Street and Ninth Street *State and Franklin Streets currently under construction. Ninth Street planned for Fall 2016 construction.*
- b. Phase 2- Seventh Street and Eleventh Street *Delayed. Public involvement winter 2016/2017.*

14. Special Improvement District Projects

- a. Alley north of W. Front St. and east of Monroe St. *Construction complete.*
- b. Alley south of Sixteenth Street between Union and Cass *Approval of SID and construction pending.*
- c. Other SID's *pending*

15. 2015 Water Treatment Plant Monitoring and Control Improvements Project- Mechanical upgrades at the Water Treatment Plant (WTP) including: master meters, control valve actuators, valves, magnetic flow meters, and pressure relief valves. Install a new SCADA system for monitoring. Install radio communication equipment between WTP and remote water system components. *Project designed by a consulting firm, awarded and under construction. Engineering is performing limited work for contract administration with the project lead by the DPS Director/Water Plant Superintendent. Complete*

16. 2015/16 Sidewalk Replacement and Gap Infill Project- Sidewalk replacement locations are on E. 10th St. between Lake St. and Union St.; and on N. Cedar St. between W. Front St. and Bay St. Gap infill locations are 1) 14th St. between Maple St. and Division St. 2) W. Front St. between City Limits and end of existing at Teter Orthotics 3) Cass St. Between 14th St. and 17th St. 4) North side of Grandview Parkway between Elmwood St. and City Limits 5) 7th St. between Elmwood Ave. and S. Cedar St. 6) Hastings St. at TCLP 7) North side of Munson Ave. between E. Front St. and Davis St. 8) Repair of existing retaining wall at Lot C 9) TCLP Substation on LaFranier Rd. *Infill locations 3, 4, 5, 8 and 9 are complete or under construction. Locations 1, 2, 6 and 7 to be complete by Fall 2016.*

17. 2015/16 Pavement Preservation- Currently in construction phase. *Project is nearly complete. However, contract will be modified by change order to include Fall 2016 Pavement preservation locations*

18. 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.*

19. Permit review- *Right-of-way, storm water run-off control and soil erosion project reviews are ongoing*

20. Traffic counts and speed counts- *ongoing throughout the year;*

21. Munson Master Site Facilities Plan- *Review is underway*

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- 22. Northwestern Michigan College Master Site Facilities Plan-** *Review complete, approved by the Planning Commission*
- 23. Development Projects-** *Projects including COSTCO, Immaculate Conception, Grandview Market, Radio Center Phase III, Park Place Development, Traverse Connect Garfield Avenue Apartments, Hotel Indigo, Habitat for Humanity at the Depot, Uptown, 124 W. Front, NMC, Crystal Cove (Lake Ridge), Northwinds (Lake Ridge), Lake Ridge Drive Townhouse, 517 Wellington, Bay and Randolph (2 projects), Front & Garfield development, The Moorings, 305 W. Front Street, East Bay Plaza and Washington Place are in different stages of planning and construction and we continue to monitor their progress.*
- 24. Senior Center Facility Renovation-** *Architect has been retained for design services and has prepared preliminary floor plan options; project is in the fundraising stage.*
- 25. Lake Street Streetscape-** *Street reconstruction with streetscapes, pending property owner participation*
Completed topographic surveying and mapping spring 2016
- 26. East Front Street Streetscape and Mid-Block Cross Walk-** *Street reconstruction with streetscapes, pending property owner participation*
Completed topographic surveying and mapping spring 2016
- 27. Park Street Streetscape and Parking Deck Entrance-** *Street reconstruction with streetscapes, pending property owner participation and development agreement. Completed topographic surveying and mapping spring 2016*
- 28. Farmer's Market Improvements-** *Improve parking lot and construct all-weather shelter and amenities, pending funding. Completed topographic surveying and mapping spring 2016*
- 29. 517 Wellington-** *Completed topographic surveying and mapping spring 2016 relating to alley drainage improvements and sidewalks on Wellington to 8th Street.*
- 30. Elmwood Township Water and Sanitary Sewer Conversion-** *Convert portions of Township water and sewer systems within annexed area to City.*
- 31. Street Pattern Book-** *Prepare neighborhood street design pattern book. Initial draft complete*
- 32. Capital Improvements Plan-** *Assist with preparation of 2016/17 CIP*
- 33. Union Dam/Boardman River monitoring stations-** *Design and install water level monitoring systems in two locations within the city.*