

City Engineering Department

Quarterly Department Report

January 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 Projects
- Paving and Resurfacing Projects

• More specific Project information is noted below:

1. **Division Street-** *PEL final report to be discussed with MDOT January 28.*
2. **Boardman Lake Avenue-** a new road between 8th Street and 14th Street that consists of four basic components: Railroad Wye Relocation, Street Right-of-way acquisition, Street Construction and the Boardman Lake Trail (detailed below). *Consultants hired for visioning land use opportunities, urban design and railroad wye relocation with report expected by summer 2016.*
3. **Boardman Lake Trail-** *Consultant hired by County for design of trail from 14th Street to Logan's Landing in Garfield Township with preliminary plans by July 2016.*
4. **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.*
5. **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 confirmation of funding, Spring 2016.*
6. **Opera House -** *Complete shower retrofit and tenant space bathroom changes required by construction permits by March 2016.*
7. **Clinch Park-** Corrective action for 2013 project, including shoreline repair, tunnel drainage, and water feature. *Project awarded to Contractor and pending weather constraints for construction. ACOE and MDEQ permits expected by February 2016. Arbitration schedule for January 2016.*
8. **Fuel Island Repair-** Repair and upgrade fuel pump facility. *Construction completed January 2016.*
9. **Traverse City Parking System-** *Working on Hardy Parking Deck back up emergency lighting and Violation Bureau improvements for Spring 2016 in coordination with TC Parking System. Lot N reconstruction completed except for landscaping (Spring 2016)*
10. **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. Property/Right-of-way acquisition in process; 2016 planned construction.*
11. **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 Fall 2016/Spring 2017.*

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12. 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. *Bridge installed December 2015 with completion of approaches Spring 2016.*
- d. S. Cass Street Bridge Rehabilitation- Repair existing bridge. *Funding from MDOT Bridge Program- for the 2016 fiscal year Complete topographic surveying and mapping spring 2016*
- e. Park St. Bridge Repair – Rehabilitate bridge superstructure. *Funding from MDOT Bridge Program approved for the 2017 fiscal year Complete topographic surveying and mapping spring 2016*

13. Paving and Resurfacing 2014

- a. West Front Street Reconstruction (west city limits to Elmwood)- *The pedestrian flashing beacon will be installed as weather permits.*

14. West Front Street Streetscapes- Received \$1,000,000 RRR Funds. *Street construction completed August 2015 and lighting completed October 2015 and input record drawings into GIS*

15. Paving and Resurfacing 2015-

- a. Phase 1- Union Street and Plainview Street *Construction Completed Fall 2015 and input record drawings into GIS*

16. Paving and Resurfacing 2016

- a. Phase 1- E. State Street, Franklin Street and Ninth Street *Construction Spring 2016*
- b. Phase 2- Seventh Street and Eleventh Street *Public Involvement Spring 2016*

17. Special Improvement District Projects

- a. Alley north of W. Front St. and east of Monroe St. *Construction Spring 2016*

18. 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.*

19. 2014 Sidewalk Replacement and Gap Infill Project- Sidewalk replacement locations are on 9th between Lake and Union Streets and between Pine and Division Streets; and Maple between 10th and Griffin Streets. Gap infill locations are 1) Maple between Griffin and 14th Streets, 2) Fourteenth Street between Division and Maple on the north side and between Oak and Pine on the north side, 3) Bay Street between M72 and Ramsdell, 4) Division Street from Bay to north of Randolph Street, 5) Barlow Street between Carver and Boon, and 6) Eighth Street between Terrace and Cromwell. *Construction planned 2014-15. Sidewalk replacement sections complete. Infill locations 1, 3, and 6 complete, last portion of location 2 is included in 2015/16 sidewalk project, location 5 was partially completed due to right-of-way constraints (fences, landscaping, etc.)*

20. 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 5 and 9 are complete.*

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21. **2015/16 Pavement Preservation**- Currently in construction phase. *Project completion in Spring of 2016*
22. **2015 Gillis Street Sewer Project**- *Completed Fall 2015 and input record drawings into GIS*
23. **2015 Emergency Water Main Repair Project**- *Water mains need repair on Union Street, Lake Avenue and Union Street Dam. Construction Complete Fall 2015 and input record drawings into GIS.*
24. **SAW Grant and related Sanitary Sewer and Storm Water Systems Asset management plans**- *\$2 million grant awarded, grant agreement executed, implementation underway. Completed benchmark survey and rim elevations with consultant, input install dates for sanitary sewer and storm sewer and quarterly billing. Planning a meeting in January to discuss aspects of developing a stormwater utility.*
25. **Traverse City Public Pier Project**- *Consultant presented the final deliverables in December 2015.*
26. **Permit review**- *Right-of-way, storm water run-off control and soil erosion project reviews are ongoing*
27. **Traffic counts and speed counts**- *ongoing throughout the year;*
28. **Munson Cowell Family Cancer Center**- *Construction is underway*
29. **Development Projects**- *Projects including 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.*
30. **Senior Center Facility Renovation**- *Architect has been retained for design services and has prepared preliminary floor plan options; project is in the fundraising stage.*
31. **Lake Street Streetscape**- *Street reconstruction with streetscapes, pending property owner participation Complete topographic surveying and mapping spring 2016*
32. **East Front Street Streetscape and Mid-Block Cross Walk**- *Street reconstruction with streetscapes, pending property owner participation Complete topographic surveying and mapping spring 2016*
33. **Park Street Streetscape and Parking Deck Entrance**- *Street reconstruction with streetscapes, pending property owner participation and development agreement. Complete topographic surveying and mapping spring 2016*
34. **Farmer's Market Improvements**- *Improve parking lot and construct all-weather shelter and amenities, pending funding. Complete topographic surveying and mapping spring 2016*
35. **517 Wellington**- *Complete topographic surveying and mapping spring 2016 relating to alley drainage improvements and sidewalks on Wellington to 8th Street.*
36. **Elmwood Township Water and Sanitary Sewer Conversion**- *Convert portions of Township water and sewer systems within annexed area to City*
37. **Street Pattern Book**- *Prepare neighborhood street design pattern book*
38. **Capital Improvements Plan**- *Assist with preparation of 2016/17 CIP*