

City Engineering Department

Quarterly Department Report

July 2015

Updated projects highlighted in yellow

ENGINEERING:

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

- **Boardman Lake Trail**
- **West End Beach Trail**
- **Boardman River Boat Launch**
- **Opera House Dressing Room**
- **Various parking lots**
- **Garland Street Reconstruction**
- **8th and West Front Street Bridge Reconstruction**
- **Pine Street Pedestrian Way Bridge and TCLP Undergrounding Project**
- **West Front Street Reconstruction Projects**
- **Multiple Special Improvement Districts, including sidewalks and curbs**
- **Paving and Resurfacing Projects**

- More specific Project information is noted below:

1. **Division Street-** CC discussion to implement citizen committee recommendations. \$500,000 Roads and Risk Reserve funds were allocated in December 2013 for PEL process (part of the NEPA process) *MDOT hired CDM Smith as a consultant to lead the PEL process. Local Agency Committee formed, Public Input Sessions planned. PEL process to be complete by Summer 2015.*
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). *Project discussions continue.*
3. **Boardman Lake Trail West extension-**Project scope includes the extension of the Boardman Lake non-motorized trail from approximately 10th Street to 14th Street (2,900 linear feet), a connection to the Old Towne Neighborhood, and the addition of a lakefront recreational area that will feature a fishing dock, kayak/canoe small watercraft launch, shelter, picnic areas and seating. A \$210,000 Natural Resources Trust Fund Grant was received in October 2012. *Plans approved by the State in March. Construction contract awarded in July, construction began in August, project substantially completed in December. Punch list items remain including repair of the damaged concrete.*
4. **West End Beach Trail and Access Project (Slabtown Beach)-**The scope of work includes the extension of a non-motorized trail along the north side of M-72/West Grandview Parkway from the parking lot at West End Beach to Elmwood Avenue, a distance of approximately 1,100 feet; a pedestrian crossing of M-72/West Grandview Parkway near the alignment of Elmwood Avenue connecting the trail extension with neighborhoods and trail networks to the south. North of the trail crossing intersection, a small viewing platform and ramped access to the beach will be constructed; also a stormwater treatment structure will be installed to separate oil and grit street runoff and reduce this current form of point-source pollution directly into Grand Traverse Bay. A \$173,931.87 MDOT Enhancement Grant was awarded in 2012 for the construction of the project. *MDOT bid letting process occurred in August, Construction began September 2014 and was substantially complete in November. Several punch list items remain and will be completed in August.*
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

City Engineering Department

Quarterly Department Report

July 2015

cleaning/invasive species education signage. A \$156,250 Waterways Grant received in December 2013, a \$80,000 Coastal Management Program grant, and local foundation grant of \$50,000 received in 2012 for project construction. *Joint permit applied for in July 2014- a request for additional information was received in September 2014. Environmental soil contamination caused project design delays. Coastal Zone Management Program grant was lost due to change requests and inadequate time to complete project. City reapplied for CZM funding on December 30, 2014. CZM funding was not awarded. MDEQ and ACOE construction permits received. Construction pending further funding, likely to occur in 2016.*

6. **Opera House Dressing Room**- *Contract awarded to Contractor and construction began in December. Project complete with project close out documents expected by August 1, 2015.*
7. **Senior Center Facility Renovation**- *Architect has been retained for design services and has prepared preliminary floor plan options; project is in the fundraising stage.*
8. **Clinch Park**- *Corrective action for 2013 project, fencing, tunnel drainage, water feature. Ongoing discussions with legal staff.*
9. **Fuel Island Repair**- *Repair and upgrade fuel pump facility. Assembled background information and are proceeding with design to have the work completed by November 1, 2015.*
10. **Parking lots**
 - a. *D, O, P, V, W &N- coordinate with TC Parking System. Lot V is paved and complete. Lot N will be reconstructed this fall in accordance with recent decisions regarding the Washington Place development. Lot W parking space capacity was increased.*
11. **Lake Street Streetscape**- *Street reconstruction with streetscapes, pending property owner participation*
12. **East Front Street Streetscape**- *Street reconstruction with streetscapes, pending property owner participation*
13. **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; 2015/16 planned construction.*
14. **West Front Street Streetscapes**- *Received \$1,000,000 RRR Funds. Street Design and Development complete. Currently under construction. Estimated completion planned for 8/14/15 with lighting, fixtures and traffic signal equipment installed September/October.*
15. **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 winter 2015/spring 2016 construction.*
 - b. *Front Street Bridge- Bridge replacement using MDOT Critical Bridge Funds for the 2013 FY. Design and Development with a planned winter 2015/spring 2016 construction.*
 - c. *Pine Street Pedestrian Bridge- Pedestrian walkway and bridge over the Boardman River connecting West Front Street with Grandview Parkway. Project construction began last week with planned project completion by Thanksgiving.*
 - d. *S. Cass Street Bridge Rehabilitation- Repair existing bridge with funding from MDOT Bridge Program- planned 2016 construction*
 - e. *Park St. Bridge Repair – Rehabilitate bridge superstructure. Funding from MDOT Bridge Program approved for the 2017 fiscal year*
16. **Paving and Resurfacing 2014**
 - a. *Santo, Santo alley, Barlow, Station Street, Birchwood/Kewaunee intersection and Lot V- Project complete.*
 - b. *West Front Street Reconstruction (west city limits to Elmwood)- Project is complete with punch list items remaining. The pedestrian flashing beacon, traffic calming feature and select (dead) tree removal to be installed by the end of September.*

City Engineering Department

Quarterly Department Report

July 2015

17. **Paving and Resurfacing 2015-** *all phases are currently in design development.*
 - a. Phase 1- Union Street and Plainview Street
 - b. Phase 2- E. State Street and Franklin Street
 - c. Phase 3- Ninth Street and Eleventh Street
18. **Special Improvement District Projects**
 - a. Barlow Street Parking- Add paved shoulder and curbing to address tree lawn parking- *currently under construction. Project complete*
 - b. Station Street- Add curb to alley in conjunction with Depot Project- *Project complete*
 - c. Alley south of Grove Street between Grant and Bates Street- *Project complete*
19. **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.*
20. **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, location 2 will be included in the next year's sidewalk program, location 5 was partially complete due to right-of-way constraints (fences, landscaping, etc.)*
21. **2015/16 Sidewalk Replacement and Gap Infill Project-** *Currently in design development with bids planned for August 2015 and a construction contract award in September*
22. **2015 Pavement Preservation-** *Currently in project design phase, planned to go out for bids in August 2015 and a contract award in September with project completion in Spring 2016.*
23. **2015 Gillis Street Sewer Project-** *Currently in design/development. Expect fall 2015/spring 2016 construction.*
24. **2015 Emergency Water Main Repair Project-** *Water mains need repair on Union Street, Lake Avenue and Union Street Dam. Currently in design development.*
25. **SAW Grant and related Sanitary Sewer and Storm Water Systems Asset management plans-** *\$2 million grant awarded, grant agreement executed, implementation underway. Planning a meeting in August to discuss aspects of developing a stormwater utility.*
26. **SAW Grant flooding survey-** *The City is assessing its Storm Sewer infrastructure as part of the SAW grant. Feedback is being sought from residents. Surveys were sent in the monthly utility billing and are available online. Survey period has been closed and results are being tabulated.*
27. **Stormwater Cleaning and Televising project-** *Task 5 of the SAW Grant includes televising and completing a condition assessment. The work will televise and rate the condition for about one half of our storm sewer system pipe inventory using the National Association of Sewer Service Company's (NASSO) Pipeline Assessment Certification Program (PACP). This PACP program will provide the consistency to be able to compare the condition all of the different pipes locations uniformly. A contract was awarded and work is underway and nearing completion.*
28. **Traverse City Public Pier Project-** *Consultant presented preliminary design and design development documents to City Staff. Engineering Department will review Construction Documents as submitted by the consultant.*
29. **Permit review-** *Right-of-way and soil erosion project reviews are ongoing*
30. **Traffic counts and speed counts-** *ongoing throughout the year; the summer traffic intern resigned unexpectedly and the program has been suspended for the remainder of the year.*

City Engineering Department

Quarterly Department Report

July 2015

31. Munson Cowell Family Cancer Center- *Construction is underway*

32. Development Projects- *Projects including 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.*