

City Engineering Department

Quarterly Department Report

July 2014

ENGINEERING:

Working on a vast range of projects, many for 2014, including but not limited to:

- **Boardman Lake Trail**
 - **West End Beach Trail**
 - **Boardman River Boat Launch**
 - **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**
 - **Multiple Special Improvement Districts, including sidewalks and curbs**
 - **Paving and Resurfacing Projects**
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- 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) *Project under discussion with MDOT, MDOT released an RFP, received proposals and is in the process of selecting a consultant for the work.*
 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 to begin in August.*
 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 letting process is underway, Construction planned to begin September 2014.*
 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. 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, Environmental soil contamination caused project design delays, Construction planned in 2014/15.*

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6. **Opera House Dressing Room-** *architect has prepared design documents and the project will be bid for contract award in August/September*
7. **Senior Center Facility Renovation-** *architect has been retained for design services and has prepared preliminary floor plan options*
8. **Clinch Park-** *Corrective action for 2013 project, fencing, tunnel drainage, water feature. Hired WTI for water feature audit. WTI report is due this month.*
9. **Fuel Island Repair-** *Repair and upgrade fuel pump facility. No activity.*
10. **Parking lots**
 - a. *D, O, P, V, W &N- coordinate with TC Parking System. Lot V is included in Paving and Resurfacing Phase 2. Lot N is pending Washington Place site plan approval.*
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. Private is a special improvement district. 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; 2014/15 planned construction.*
14. **Traverse City Public Pier-** *Great Lakes Fisheries Trust Grant received to complete the design, preliminary engineering, studies and construction drawings and details to build an approx. 550 foot, universally accessible fishing pier at the mouth of the Boardman River on Grand Traverse Bay. The pier will provide unique, outstanding access for people of all ages, needs and abilities to fish for migratory and other species, and to learn about the Great Lakes, the importance of stewardship and the value, challenges and opportunities involving the fishery. Study Group has been formed. City received 7 responses to the RFQ. Study Group interviewed 4 firms. Planning and Engineering Departments are working together to review proposals and work with the Study Group on making a recommendation. Study Group to make a consultant selection recommendation to the City Commission in July.*
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 2014/15 construction.*
 - b. *Front Street Bridge and West Front Street Streetscape- Prevent further deterioration resulting in more costly repair/replacement and ultimately bridge failure. Receiving MDOT Critical Bridge Funds for the FY2013. Received \$1,000,000 RRR Funds. Design and Development with planned 2014/15 construction.*
 - c. *Pine Street Pedestrian Bridge- Pedestrian walkway and bridge over the Boardman River connecting West Front Street with Grandview Parkway. Pending land acquisition; 2014/15 planned construction in coordination with TCLP and Uptown development.*
 - d. *Cass Street Bridge Rehabilitation- Repair existing bridge with funding from MDOT Bridge Program- planned 2015 construction*
 - e. *Park St. Bridge Repair – Rehabilitate bridge superstructure. Funding application not successful; Resubmit for 2017 funding cycle.*
16. **Paving and Resurfacing 2014**
 - a. *Union and Sequoia Streets- Spring construction, 90% complete*
 - b. *Santo, Santo alley, Barlow, Birchwood/Kewaunee intersection and Lot V- Project to go out for bid this month with planned construction fall 2014*
 - c. *West Front Street Reconstruction (west city limits to Elmwood)- The MDOT contract will be awarded to Elmer's. Construction is scheduled for August and will be complete by the end of October.*

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17. Special Improvement District Projects

- a. Barlow Street Parking- Add paved shoulder and curbing to address tree lawn parking- *planned construction with Paving and Resurfacing Phase 2 planned for fall 2014*
- b. Cedar Street Parking- Add paved shoulder and curbing to address tree lawn parking- *pending property owner petition*
- c. Station Street- Add curb to alley in conjunction with Deport Project- *pending property owner petition*
- d. Lakeridge Drive Curb and Sidewalk-Add curb and sidewalk to street in conjunction with development project- *pending property owner petition*
- e. Alley north of West Front east of Monroe Street- *pending property owner petition*
- f. Alley south of Grove Street between Grant and Bates Street- *project pending City Commission approval, possible construction fall 2014*
- g. North Orchard between Sheridan and West Orchard- *pending property owner petition*

18. 2013 Alley Sewer- collection system improvements- *2013 construction- project delayed due to weather, project restarted in spring 2014, 90% complete.*

19. 2014 Water Treatment Plant Filter Replacement Project- Plant improvements- *project 90% complete*

20. 2014 Woodmere Pump Station Repair and DPS Pump Station Back Up Power Project- repair damage from auto accident and upgrade pump to VFD with Back-Up Power- *project 90% complete*

21. 2013 Water Plant Fluoride System Upgrade project-Plant improvement - *project nearly complete- punch list items remain*

22. 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.*

23. SAW Grant and related Sanitary Sewer and Storm Water Systems Asset management plans- *\$2 million grant awarded, grant agreement executed, implementation underway*

24. Permit review- *Right-of-way and soil erosion project reviews are ongoing*

25. Traffic counts and speed counts- *ongoing throughout the year*

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

27. Development Projects- *Projects including Hotel Indigo, Habitat for Humanity at the Depot, TBA Credit Union, Uptown and Washington Place are in different stages of construction and we continue to monitor their progress.*