

City Engineering Department

Quarterly Department Report

October 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 Projects**
 - **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) *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, to be complete in November.*
 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 will be complete in October except for the lights which will be installed later.*
 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- a request for additional information was received in September. Environmental soil contamination caused project design delays. Coastal Management Program*

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grant was lost due to change requests and inadequate time to complete project. City plans to reapply for CZM funds this winter. Construction pending further funding, likely to occur in 2016.

6. **Opera House Dressing Room-** *Architect has prepared design documents. Contract awarded to Contractor and construction planned to start in December and be complete by April.*
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. 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 ongoing discussions.*
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. Consultant selected. Public meetings to take place between October 2014-June 2015. Consultant contract to be complete by June 2015.*
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. *S. 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 from MDOT Bridge Program approved for the 2017 fiscal year*
16. **Paving and Resurfacing 2014**
 - a. *Union and Sequoia Streets- Spring construction, Complete*
 - b. *Santo, Santo alley, Barlow, Birchwood/Kewaunee intersection and Lot V- Contract awarded with construction in Spring 2015*

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- c. West Front Street Reconstruction (west city limits to Elmwood)- *Project is complete with punch list items remaining. The pedestrian flashing beacon and select (dead) tree removal to be installed yet this year.*

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 Spring 2015*
- 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- *planned construction with Paving and Resurfacing Phase 2 planned for Spring 2015*
- 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- *planned construction with Paving and Resurfacing Phase 2 planned for Spring 2015*
- f. Alley south of Grove Street between Grant and Bates Street- *planned construction with Paving and Resurfacing Phase 2 planned for Spring 2015*
- g. North Orchard between Sheridan and West Orchard- *planned construction with Paving and Resurfacing Phase 2 planned for Spring 2015*

18. 2013 Alley Sewer- collection system improvements- *Phase 1 2013 construction- project delayed due to weather, project restarted in spring 2014, Complete. Phase 2 complete. Phase 3 to be re-bid for 2015 construction.*

19. 2014 Water Treatment Plant Filter Replacement Project- Plant improvements- *project 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 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. Sidewalk replacement sections complete. Infill locations 1 and 3 complete, location 2 complete pending agreement with 5/3 Bank. Locations 5 and 6 to be completed in the Spring.*

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, 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, East Bay Plaza and Washington Place are in different stages of planning and construction and we continue to monitor their progress.*