Warber Drain Reconstruction
Robbins Road - between Beechtree St/168th Ave & Ferry St/172nd Ave
2020
Project Scope

- **Joint venture between:**
  - Ottawa County Water Resource Commissioner
  - Grand Haven City
  - Grand Haven Township

- Storm sewer reconstruction
- Water main loop construction
- Sidewalk construction (south side)
- Curb & gutter replacement (south side)
- Partial pavement replacement
- Drive approach reconstruction (south side)
- Open drain maintenance between Griffin Street and Beechtree Street (log jam removal, slope stabilization)
Project Team

- Ottawa County Water Resources
  - Joe Bush - Water Resources Commissioner
  - Chad Meints - Chief Deputy

- City of Grand Haven
  - Pat McGinnis - City Manager
  - Derek Gajdos - Public Works Director

- Grand Haven Township
  - William Cargo - Superintendent
  - Mark VerBerkmoes - Public Services Director

- Prein&Newhof
  - Ken Bosma/Kevin Kieft - Project Manager(s)
  - Lucas Timmer - Project Engineer
  - Richard Taglione - Construction Inspector
Funding

- City of Grand Haven
  - $839,590
- Grand Haven Township
  - $885,980
- Ottawa County
  - $25,590
- MDOT
  - $73,480
- CSX
  - $510

Total Project Estimate: $1,825,150
Project Timeline

- Bids have been received
- Bid award to Schippers Excavating, Inc. of West Olive on 3/11/2020
- Construction slated to begin on 6/3/2020 (delayed due to Covid-19)
  - Base course asphalt - late summer/early fall 2020
  - Open to traffic - late summer/early fall 2020
- Full completion - late summer/early fall 2020
Detour Stage 1 - Partial Robbins Road Closure

- **Detour Description:**
  - Robbins Road Eastbound and Center Turn Lane Closure from Ferry/172nd to Beechtree/168th
  - All traffic allowed to access businesses/residences on Robbins Road by using the westbound Robbins Road lane.

- **Work to Occur**
  - Stage 1: Majority of Warber Drain storm sewer removal/replacement and water main installation
  - Stage 4: Restoration, sidewalk installation, east bound lane road re-paving

- **Anticipated Timeline**
  - Stage 1: June 2020 to late summer 2020
  - Stage 4: Late summer 2020 to early fall 2020
Detour Route Stage 1 - Partial Robbins Road Closure
Detour Stage 2 - Partial Robbins Road / Full 168th Closure

- **Detour Description:**
  - Robbins Road Eastbound and Center Turn Lane Closure from Ferry/172nd to Beechtree/168th and 168th Avenue Intersection south of Robbins Road Closure Work to Occur
  - All traffic allowed to access businesses/residences on Robbins Road by using the westbound Robbins Road lane.

- **Work to Occur**
  - Storm sewer crossing at 168th Avenue
  - Grand Haven Township 8 inch water main tie-in to 12 inch water main on east side of 168th Avenue

- **Anticipated Timeline**
  - 1-2 weeks
  - To occur near the end of the project (late summer 2020)
Detour Route Stage 2 - Partial Robbins Road / Full 168th Closure
Detour Stage 3 - Full Robbins Road Closure

- Detour Description:
  - Full Robbins Road closure from Ferry/172nd to Beechtree/168th
  - Traffic needing to access businesses/residences on Robbins Road will be allowed, but it will be more difficult to access depending on where the work across Robbins Road is occurring

- Work to Occur
  - Storm sewer crossing at Barbara Court
  - Water main interconnect removal (x2)
  - Water service tie-over from City of Grand Haven line to Grand Haven Township new 8 inch water main
  - Possible gas main relocation at Griffin Street

- Anticipated Timeline
  - 1-2 weeks; possibly longer with gas main relocation
  - To occur near the end of the project (late summer 2020)
Detour Route Stage 3 - Full Robbins Road Closure
Reconstruction Pains

- Access to properties will always be maintained
  - Emergency services included
  - Driveway
- Property services will always be maintained
  - Trash
  - USPS
  - Deliveries
- Noise - will be limited as possible
- Construction activity hours limited - 7am to 9pm
- Weekly Email Updates
  - Sign up sheet on plan viewing tables

There is an end in sight!
Questions