West Lakeland Township 2025 Street Improvements

February 10, 2025



May 13, 2024 Town Board authorizes engineering services to complete Preliminary Design and Geotechnical Investigation.

October 28, 2024 Town Board approves Preliminary Design and authorizes Final Design for the 2025 Street Improvements.

February 10, 2025 Town Board approves final plans and order Advertisement for Bids.

March 18, 2025 Receive Contractor Bids.

April 14, 2025 Town Board accepts bids and awards Contract.

Fall 2025 Substantial Completion for the work started in 2025.

Summer 2026 Continuation of project work to completion as necessary or specified.

Fall 2026 Final Completion of Work.



- Bolton and Menk was authorized to complete final design services at the October 28, 2024 board meeting
- Prepare final design documents to receive competitive bids.
 - Plans + Specifications
 - Consistent with preliminary design recommendations
 - Does NOT include 30th Street (Oakgreen Avenue east to town limits)
- Memorandum summarizing final design elements
- Identify potential easement needs and utility conflicts
- Meet permitting agency requirements



Final Design Summary

- Full-depth reclamation with new pavement (7-ton road)
- Estimated total project cost is \$8,000,000.
 - o Includes 30th Street
 - To be updated with bid results
- Proposed bituminous roadway width to match existing edge of pavement.
- Culverts in need of replacement based on inspections and culverts under high volume roadways are proposed to be replaced with reinforced concrete pipe.
- Storm sewer repairs to be completed based on field review of existing conditions.

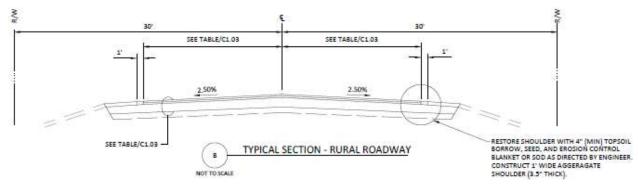
Final Design Summary

- Signs impacted by construction will be removed and replaced with new posts and signs. Signs NOT impacted will be protected in place.
- Driveways impacted by construction will be replaced in like material (i.e. concrete will be replaced with concrete).
- Contractor will be allowed to complete work during the 2025 and 2026 construction seasons.
 - Working days (by neighborhood)
- A temporary easement was identified to fill in the boulevard along Nolan Avenue at one parcel.

Final Design Summary

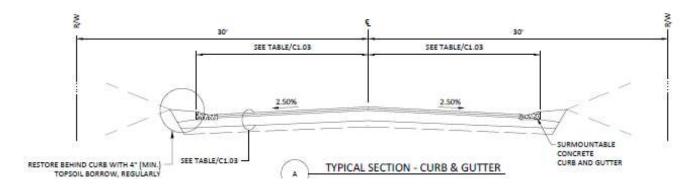
- Neal Avenue (20th Street to 30th Street)
 - Additional geotechnical testing showed reclamation not advisable based on subsurface conditions.
 - Plans propose replacing a portion of the existing gravel base with excess reclaim material from other streets.
 - Replace underlying soils with sand in the frost heave area identified in preliminary design.

Rural Street Section



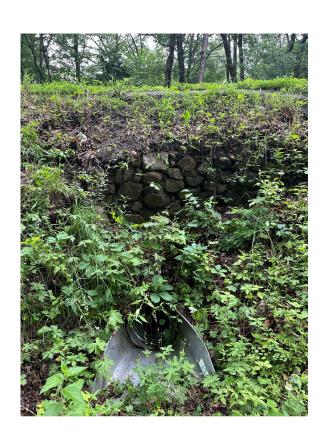
- Establish 2.5% crown and pave 3.5 inches to 4 inches of new bituminous pavement (thickness based on geotechnical report).
- Create 1-foot gravel shoulder along edge of pavement
- Restore with topsoil and seed as necessary to match existing elevations.

Urban Street Section



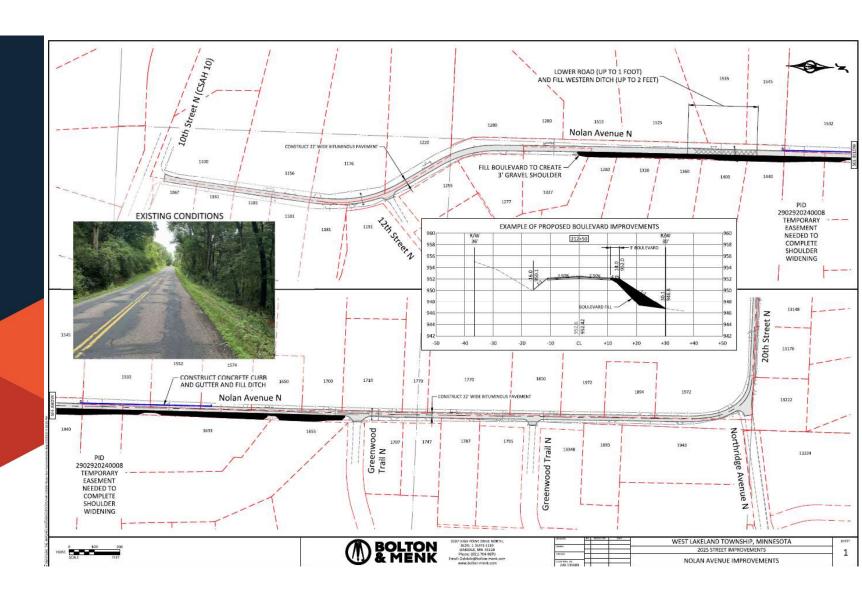
- Establish 2.5% crown and pave 3.5 inches to 4 inches of new bituminous pavement (thickness based on geotechnical report).
- Install surmountable concrete curb and gutter.
- Restore with topsoil and sod as necessary to match existing elevations.

Nolan Avenue Improvements





Nolan Avenue Improvements



Next Step: Approve Plans and Specifications and Order Advertisement of Bids

- Approve Plans and Specifications as presented.
- Publish Advertisement of Bids
 - QuestCDN
 - Pioneer Press or Stillwater Gazette
- Open received bids on Tuesday, March 18, 2025 at 10 AM (virtual bid opening).
- Present bid results and provide a recommendation to enter into a construction contract at the April 14, 2025 Town Board meeting.



Motion to Approve Plans and Specifications and Order Advertisement of Bids