



CONSTRUCTION UPDATE

PROJECT: W. Bradley Road Reconstruction (N. 51st Street to N. Sherman Blvd/CTH G)

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REPORT DATE: July 28th, 2015

Project Description:

Due to the deterioration of W. Bradley Road the Village is reconstructing the road with new asphalt and new concrete curb and gutter during. The new roadway will have the same width as the existing condition; however the number of travel lanes in each direction has been reduced to one. The road is now sloped to new center bioretention median stormwater management devices with concrete curb and gutter. The new median curb has gaps to allow water to flow into the new stormwater facilities and infiltrate into the ground. A bicycle lane will also be included with the new road. A stormwater ditch that begins at W. Bradley Road and flows north to W. Willow Road had a concrete swale along the bottom. This concrete swale has been removed and replaced with improved erosion control and native plantings.

Project Benefits: Stormwater will be collected into four (4) bio-retention basins located in the new median to remove pollutants such as grease, sediments, salts, and other suspended solids that the storm water may pick up. The removal of the concrete swale in the stormwater ditch will increase stormwater quality and remove additional pollutants.

Roadway Benefits: A safer road for pedestrians, bikes, and vehicles.

Funding: The Village received funding for the project from two (2) separate grants. One grant was from the Milwaukee Metropolitan Sewerage District (MMSD) Green Infrastructure Partnership Program and the second was from the Wisconsin Department of Natural Resources (WDNR) Urban Nonpoint Source Storm Water (UNPS&SW) Management Program. The Village was awarded funds from both grants to be used on the project, totaling \$348,000.

Traffic Control: W. Bradley Road remains CLOSED to thru traffic between N. 51st Street & N. Sherman Blvd/CTH G. Please follow the construction signage around the work-zone and the signs to local businesses.

Completed Work To-Date:

- The contractor (Vinton Construction Company) has completed all of the underground storm sewer work.
- All roadway excavation and grading has been completed.
- All concrete curb & gutter along both outside edges and the new median areas have been installed. All concrete driveways have been poured along with the new pedestrian ramps and sidewalk replacements.
- The median bioretention areas have been excavated and backfilled with an engineered soil mixture for stormwater filtration. The underdrain at the bottom of each bioretention device was also installed.
- The drainage ditch between W. Bradley Road & W. Willow Road (west of N. 50th Street) was excavated, graded, and backfilled with river stone. The turf reinforcement matting (TRM) was also installed on the side-slopes.
- The new median nose was poured in the intersection (south side) of Sherman & Bradley.

Current Work In-Progress:

- Manhole adjustments for both storm sewer & sanitary sewer will occur during the next week.
- The concrete curb & gutter center median between N. 44th Street & N. Sherman Blvd/CTH G will be poured next week along with a small section of curb east of N. 44th Street on the north side of the roadway.
- Topsoiling is occurring along the side-slopes of the drainage ditch. Seeding and erosion matting will follow the topsoiling operation.
- Final roadway grading will start next (week of August 3rd).
- Asphalt paving is expected in mid-August

Bradley Road looking East at N 50th Street



Drainage Ditch looking South at W. Willow Road

