

2007 Stormwater Utility Projects

In 2007, the stormwater utility completed a series of projects, again from a large to small scale. A summary of projects is listed as follows:

- A Village owned detention basin in the Tappe subdivision area was eroding, due to its sandy side slopes. The basin was repaired with Village crews during July of 2007. The trouble area was reinforced with a geotextile fabric and a large amount of rip-rap. The Village also supplied compost from the Village compost site for restoration;
- Completed and closed the Machmueller Park Notice of Intent (NOI) with the WDNR. Again, the stormwater facilities that were constructed in the park consisted of two basins designed for a large impervious area. To date, most of the impervious area has not been constructed;
- Highland Avenue southern ditch modification. As part of the Highland Avenue Construction Project, the daylighted end pipe was replaced with two new pipe stubs with two end walls - one facing east and one west. This system does take runoff from the STH 29 highway system;
- Mount View East Project. This project involved replacing water, sanitary, and the street section with curb and gutter. It also involved a large internal storm system which is designed to solve areas that have had years of seasonal flooding; particularly in the Gordon Street and Mount View Avenue intersection;
- Mesker Street Reconstruction Project. The reconstruction project consisted of mainly street reconstruction with curb and gutter. The previous street consisted of rural pavement sections coupled with a ditch system. The curb and gutter system, with the addition of inlets, is designed to take the extra impervious area and improve upon the in-filling ditch systems;
- Work has continued on the pollution modeling program per NR 216. We had suspended work since the WDNR was upgrading their software. The report is expected to be completed in early 2008;
- Birch Street Culvert & Modification Project. This project is a result of a 2-year storm water basin study – including a HEC-RAS basin study. A 48” culvert that was placed at an “un-named creek” and under Birch Street, in 1998, was insufficient to carry runoff from up stream. This in turn caused a back up onto private parcels and overflowed to an already “overloaded” storm system. A new box culvert replaced the 48” culvert as well as the placement of berm to control the seasonal influx of runoff from upstream. Furthermore, a section of the Birch Street ditch was regraded and a small detention basin was placed at the entrance to the Jelinek storm system. This should aid in the reduction of water by utilizing this system and saving over sizing costs in the future. This project may have a Phase II component depending on the outcome of the work;
- The Village designed and completed a new addition to the Village business park system, named “Business Park South. This development consists of general sheet drainage with 3 basins, prior to its outfall on the headwaters of the Bull Junior Creek system;
- The Village constructed a limited storm system located on Joan Drive, which serves to preserve the street section and some seasonal localized flooding problems;
- As part of the Mesker Street Project, the Village took the opportunity to extend storm sewer from Mesker Street to Chadwick Street in an easement area. The new system provides for drainage along approximately 250 feet in historical localized flooding locations;
- Ross Avenue Sidewalk Extension. With the addition of the sidewalk north of the Eau Claire River, the ditch system required modification to the piped system. This was completed near the end of fall.

To review the projects completed in 2005 and 2006 please visit the Village's website at www.westonwisconsin.org and navigate within the **Public Works Link** to the **Stormwater Link**.