

# Sawyer Rd Interchange – Project Update

May 11, 2011

## Work Accomplished:

The shift of eastbound I-94 traffic to the north side of the freeway was accomplished per plan and without incident on April 15<sup>th</sup>. This cleared the entire EB roadway for construction operations.

Asphalt overlay has been stripped from the closed freeway lanes and the underlying Portland cement concrete roadway has been removed. All such material was broken up and recycled into use as roadway embankments.

The old EB I-94 structure over Sawyer Rd has been completely removed, including the abutments and footings. Temporary shoring has been installed to support the surrounding embankment while excavating for the new structure's footings. Concrete for the footings of the new structure's easternmost pier (pier 3 of 3) was placed last Friday, and steel reinforcement and formwork for the columns is in place, awaiting concrete placement this week.

Embankment for the new EB exit ramp (Ramp A) has been placed and compacted and is approaching subgrade elevation. Pavement has been fully removed from the old entrance ramp to EB I-94, and grading for the new ramp (Ramp B) is underway. Delafield Road west of Sawyer Rd has been excavated and graded and is also nearing subgrade elevation. Sawyer Rd south of East Delafield Rd has been excavated, and earthwork is underway to establish the shifted alignment of Elm St approaching the intersection with Sawyer Rd.

The proposed south retention pond between relocated Delafield Rd and Ramp A has been fully excavated, and the excavated glacial till cobbles have been processed into great mountains of gravel which has been graded to the sizes and proportions needed for use as roadway subbase, pipe backfill, and other granular material for project applications.

The farmland south of West Delafield Rd has been regraded and restored, and has been returned to farming use.

Installation of a network of storm sewer pipes and structures is underway.

Project erosion controls have been increased and augmented as earthwork advances, and weekly inspections by project staff and DOT specialists continue to assure that in the event of a heavy rain event, no silt runoff will reach private properties.

### **The Next Few Weeks (all south of I-94):**

Subgrades will be established for all roadways, including the new ramps, followed by placement, fine-grading, and compaction of the roadways' base course. Subgrade and subbase for relocated Elm St will be established and residents will have full access to their driveways and homes while the existing portion of Elm St is removed to approximately 400' from the Sawyer Rd centerline.

Concurrently, storm sewer pipe and structure installations will continue, as will the installation of conduits for street lighting, and curb and gutter will be placed along relocated Delafield and Sawyer Roads, delineating the roadways' alignments and providing a clear idea of the future appearance.

Excavation and placement of concrete for piers 1 and 2, and the east and west abutments, of the new EB I-94 structure will move forward, and progress will be obvious as the columns rise and the abutments take shape.