



WHAT'S IN THE WORKS

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MAY - JUNE 2016

A bi-monthly publication from the Walworth County Public Works Department.

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Check out the Walworth County Website at <http://www.co.walworth.wi.us/>

HIGHWAY HOT TOPICS

CHIP SEALING 2016—David Woodhouse

The Walworth County Public Works Highway Department performs chip sealing every summer in July. The roads are chosen based on their Paser rating (condition of the road, scale of 1 – 10) and their position on the 10 year road plan.

Chip sealing puts on a new wear surface, keeps the sun from drying out the oils in the black top and prevents it from becoming brittle. It also fills minor cracks and voids to keep water from penetrating into the road base (gravel/dirt under the road). This is important because it keeps the road in good condition by sealing out water and minor cracks. The process of chip sealing saves money because it allows for maintaining the roads at very lost cost.

The following roads will be chip sealed the week of July 18:

- CTH O (Delavan to CTH A)
- CTH O (CTH A to Hwy 12)
- CTH P (Hwy 12 to CTH A)
- CTH P (CTH A to CTH M)
- CTH ES (CTH A to West St/ East Troy)

CTH NN & US 12 Construction Project

DOT Update—Andrew Wheeler, PE

Stage 2 of the Wisconsin Department of Transportation – USH12/ CTH NN Interchange project is ongoing. Stage 2 work operations include re-constructing the eastbound lanes of County NN, the eastbound CTH NN bridge spanning US 12 and the four interchange ramps. Major milestones achieved thus far include the demolition of the old eastbound CTH NN bridge, construction of the new bridge substructure (footings, columns, pier caps), setting the new bridge girders and construction of all Stage 2 retaining walls. Ongoing work includes roadway embankment construction, storm sewer pipe and culvert pipe installation and bridge superstructure construction (deck and parapets). Planned work not yet started includes concrete paving of eastbound CTH NN, asphalt paving of the four interchange ramps, gravel base and gravel shoulder grading, top-soil placement, restoration activities, signing and pavement marking.

At the conclusion of Stage 2 in mid-summer, eastbound CTH NN, CTH H and all four interchange ramps will be reopened to traffic.

For additional project information and planned roadway closures, please visit the Wisconsin Department of Transportation's website: <http://projects.511wi.gov/>



Walworth County Building Facility Highlights

Upgrade to Fuel System Software - Cheryl Bahr

The Walworth County Public Works Department has upgraded the fuel system software and is now using FuelMaster Plus. This new software replaces our outdated system, which was no longer being supported and in need of repairs.

Along with this software, the Department has chosen to use what is called a fuel PROKEE instead of a swipe card. Each fuel PROKEE is encoded with data specific to each vehicle or piece of equipment and is more durable than the swipe card. The new card reader unit located outside by the fuel pumps operates similar to the old one in the sense that the fuel user still has to go through the same general prompts on the screen. Now the user registers the vehicle or piece of equipment by inserting the fuel PROKEE, enters the mileage/hours, re-enters the fuel PROKEE for approval of the mileage/hours, enters their employee ID number, enters hose number and begins fueling at the pump.

By having the upgraded fuel system software, this allows us to better manage our fleet maintenance by having a way to track current mileage/hours on our vehicles and pieces of equipment. FuelMaster Plus also gives us the capability to build various reports with the transactions for use with maintaining the fleet.



Fuel Card Reader



Fuel Card Reader Screen



Fuel PROKEE

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