

Starke County Highway Department Monthly Report – September 2016

CURRENT BRIDGE REPLACEMENTS

County Bridge #78 (250W, .5 miles S of Toto Rd.) Northern Indiana Construction won the bid. Construction is set to begin on October 1st. The estimated completion date is November 21st

County Bridge #96 (900S, .5 miles w of US421) We are replacing this bridge with a culvert. Northern Indiana Construction won this bid as well and construction will begin sometime this month.

County Bridge #50 (CR1150E, .9 miles S of SR10) The bid opening is tonight.

County Bridge #46 (CR900E, .9 miles S of SR10) The plans are in the design phase and should be ready for a bid opening later this year.

County Bridge #47 (CR625S, just W of 875E) The plans are in the design phase and should be ready for a bid opening later this year.

BRIDGE INSPECTIONS

The Superintendent met with USI Consultants today to coordinate Phase II of our current cycle of bridge inspections. They began the inspections today. They also provided the updated load rating for Bridge #27 (700E, over the Yellow River, .1 miles N of SR8). This bridge was repaired recently. The good news is that a load rating no longer needs to be posted and farm trucks can once again use that route.

CURRENT ROAD IMPROVEMENTS

Although mowing, brush cutting, patching, and other maintenance activities were worked on last month, most of our efforts have been in road improvements. Our goal for August was to pave/wedge ten miles and chip seal at least twenty miles. We achieved both goals. We paved eight, wedged four, and chip sealed twenty six (see below). Today we began our third round of paving. We will pave/wedge approximately nine miles this month, weather and material dependent.

| IMPROVEMENT | ROAD | FROM | TO | MILES |
|-----------------|--------------|------------|------------------------|-------|
| ASPHALT WEDGING | 600N | 150E | 300E | |
| ASPHALT WEDGING | 800N | US35 | 500E | |
| ASPHALT WEDGING | 500N | US35 | 300E | |
| ASPHALT WEDGING | INTERSECTION | OLDUS30 | 300E | |
| ASPHALT WEDGING | INTERSECTION | 500E | 700N | |
| ASPHALT WEDGING | 50N | 1025E | 1200E | |
| ASPHALT WEDGING | 900S | 1175E | 1200E | |
| ASPHALT WEDGING | 100W | 500S | 450S | |
| ASPHALT WEDGING | 800S | 500W | 600W | |
| ASPHALT WEDGING | 900S | 500W | 600W | |
| ASPHALT WEDGING | 400S | RANGE ROAD | 100W | |
| ASPHALT WEDGING | 100W | 200S | 250S | |
| ASPHALT WEDGING | 100W | 150S | 200S | |
| ASPHALT WEDGING | RANGE ROAD | 50S | SR8 | |
| CHIP SEAL | 600N | SR23 | 1100E | 1 |
| CHIP SEAL | 775N | 700E | 825E | 1.25 |
| CHIP SEAL | 525E | 800N | 900N | 1 |
| CHIP SEAL | 600N | 500E | STARKE ST. | 1 |
| CHIP SEAL | 50N | US35 | END OF PAVEMENT | 0.5 |
| CHIP SEAL | 500E | 200S | RR TRACKS NORTH OF SR8 | 1.25 |
| CHIP SEAL | 300E | 100S | 200S | 1 |
| CHIP SEAL | RANGE ROAD | 200S | 250S | 0.5 |
| CHIP SEAL | 500S | 150E | US35 | 2.5 |
| CHIP SEAL | 500S | US35 | 550E | 1.5 |
| CHIP SEAL | 600E | SR10 | 800S | 2.25 |

| | | | | |
|------------------|------------------|--------------------------------|---|------|
| CHIP SEAL | 800S | 300E | 450E | 1.5 |
| CHIP SEAL | 100W | 700S | 800S | 1 |
| CHIP SEAL | 700S | 100W | 250W | 1.5 |
| CHIP SEAL | 200W | 700S | 800S | 1 |
| CHIP SEAL | CAMPBELL ST. | 500W | NJ HIGH SCHOOL | 0.25 |
| CHIP SEAL | 600W | 700S | 800S | 1 |
| CHIP SEAL | 800W | 700S | 800S | 1 |
| CHIP SEAL | 550S | 1100W | 1200W | 1 |
| CHIP SEAL | 900W | TOTO RD. | 400S | 1 |
| CHIP SEAL | PACIFIC AVE. | PORTLAND ST. | CAVANAUGH DITCH | 0.5 |
| CHIP SEAL | S. ROOSEVELT RD. | KNOX CITY LIMITS (SOUTHERN) | CANNON DITCH | 0.25 |
| DOUBLE CHIP SEAL | 300E | 800N | 900N | 1 |
| DOUBLE CHIP SEAL | 800N | 300E | US35 | 1 |
| DOUBLE CHIP SEAL | TOTO RD. | 900W | 850W | 0.5 |
| PAVING (HOT MIX) | 700N | .2 MILES WEST OF 500E | .3 MILES WEST OF 500E | 0.1 |
| PAVING(COLD MIX) | 500N | 100E | 200E | 1 |
| PAVING(COLD MIX) | 480N | .25 MILES EAST OF 200E | 300E | 0.75 |
| PAVING(COLD MIX) | 150E | 500N | .5 MILES N OF 500N | 0.5 |
| PAVING(COLD MIX) | 1200E | 150N | 300N | 1.5 |
| PAVING(COLD MIX) | 150N | 1100E | 1200E | 1 |
| PAVING(COLD MIX) | 200E | TOTO RD. | 350S | 0.5 |
| PAVING(COLD MIX) | 350S | 150E | 200E | 0.5 |
| PAVING(COLD MIX) | 450S | RANGE ROAD | 100E | 1 |
| PAVING(COLD MIX) | 100W | TOTO RD. | 250S | 0.5 |
| PAVING(COLD MIX) | 200S | RANGE ROAD | TOP OF HILL, .4 MILES WEST OF RANGE ROAD | 0.4 |
| PAVING(COLD MIX) | 700S | 775W | 800W | 0.25 |

LTAP/PURDUE INTERSECTION RECOMMENDATIONS

Earlier this summer we asked LTAP/Purdue to study three of our County intersections This is a summary of their recommendations.

- 1) **CR600S/CR 210 at Bass Lake.** There is a sight distance problem at this triangle intersection. Vehicles travelling from US35 to the lake have a problem seeing oncoming traffic when they want to take a left onto CR210. Purdue's recommendation is to install a T-Intersection. **We suggest that we present this at the next Bass lake Property Owner's meeting for their input before we make any decisions.**
- 2) **CR200N/CR500E** This is a two way stop with the stop signs placed on 200N. If you drive that road the placement seems counter intuitive. We asked Purdue to investigate switching the signs to 500E. They recommend we do a traffic volume study and cut the vegetation to improve existing sight distance before a decision is made. They have offered to do the volume study free of charge. **We recommend that we take them up on their offer and ask them to do the traffic volume study.**
- 3) **CR400N/CR300E** This is currently a two way stop. We asked Purdue to look into making this a four way stop because of sight distance problems. They agreed that a four way stop is necessary. **We also recommend a four way stop, set up with new traffic pattern ahead signs much like the new four way stop we installed at CR210 by Sporty'z Pub at Bass Lake.**

WINTER OPERATIONS

This month we will be preparing for winter operations by ordering supplies (blades, salt, etc.), reviewing our plow routes, and fine tuning our brine spraying. We will also be calibrating our sanders this month.