

Starke County Highway Department Monthly Report – August 7th, 2017

COMMUNITY CROSSINGS GRANT

We submitted eight projects for the 2017 Community Crossing grants awarded by the state. We should know the results by the end of the month.

Priority	BRIDGE NUMBER OR COUNTY ROAD	LOCATION	PROJECT TYPE	COUNTY MATCH	STATE MATCH	TOTAL COST	NOTES
1	50	CR1150E over Osborn Ditch, 1m S of SR10	Bridge Replacment	\$70,000.00	\$200,531.20	\$270,531.20	Project is already complete. We would be receiving the state match back as reimbursement. This would be placed in the County Bridge line item under CEDIT
2	46	CR900E over Osborn Ditch, .9m S of SR10	Bridge Replacment	\$70,000.00	\$193,945.13	\$263,945.13	Project is already complete. We would be receiving the state match back as reimbursement. This would be placed in the County Bridge line item under CEDIT
3	47	CR625S over Osborn Ditch, .06M W of CR875E	Bridge Replacment	\$70,000.00	\$204,802.13	\$274,802.13	Project is already complete. We would be receiving the state match back as reimbursement. This would be placed in the County Bridge line item under CEDIT
4	CR300E	From sr8 to 1100 ft south of Division Road	HMA Resurface	\$56,750.00	\$168,530.00	\$225,280.00	This will be our first hot mix project under our new 10 year truck route paving plan. This would complete the hot mix paving for the Knox Industrial Park. Our match would be paid for by the SCEDF
5	58	CR800S over Bogus Run, 0.02 miles E of CR200W	Bridge Replacment	\$106,592.46	\$232,191.54	\$338,784.00	Our match for this bridge would be paid for out of CEDIT- County Bridges either later this year or early 2018
6	66	Range Road, jusdt South of CR500S	Bridge Repair	\$4,600.00	\$13,700.00	\$18,300.00	Project is already complete. We would be receiving the state match back as reimbursement. This would be placed in the County Bridge line item under CEDIT
7	36	CR25N over Eagle Creek, .1 miles W of 600E	Bridge Replacment	\$101,000.00	\$300,150.00	\$401,150.00	Our match for this bridge would be paid for out of CEDIT- County Bridges either later this year or early 2018
8	154	CR100E over Robbins Ditch, .4m N of CR400N	Bridge Replacment	\$96,392.00	\$289,176.00	\$385,568.00	Our match for this bridge would be paid for out of CEDIT- County Bridges either later this year or early 2018

CURRENT BRIDGE REPLACEMENT PROJECTS

Priority	Bridge Number	Location	Sufficiency Rating	Status	Completion year
1	58	CR800S over Bogus Run, 0.02 miles E of CR200W	35.9	Plans are complete. Project to be bid in September	2017/2018
2	36	CR25N over Eagle Creek, .1 miles W of 600E	26.9	Plans are complete, project to be bid in September	2017/2018
3	154	CR100E over Robbins Ditch, .4m N of CR400N	47.1	Plans are complete, project to be bid in September	2018
4	7	CR1200E over the Yellow River, .5M N of CR250S	35.2	Design Contract awarded to Jones, Petrie, and Rafinski	2018

Bridges 46 (900E, S of SR10), 47(625S, W OF 900E), AND 50(1150E, S OF SR10) are all complete and open to traffic. Below is a picture of the new bridge #47.



CURRENT ROAD IMPROVEMENTS In July we concentrated on both the re-stoning of gravel roads. We completed over 19 miles of gravel roads this month. We also repaved the Knox EMS Base parking lot and paved a couple of areas at the Justice Center. In August we will begin our second round of paving, chip seal about 20 miles, and finish re-gravelling the County roads. We will also be paving the annex parking lot. In September, we also plan on hot mixing 300E from SR8 to the Knox industrial park. In all we expect to do about 80 centerline miles of road improvements this summer. That represents over 10% of our road network. This percentage keeps us right on track with our new 10 year roadway improvement model that establishes 123 miles of hot mix truck routes and upgrades to the other 575 centerline miles in the County. Although we will only be doing a few miles of hot mix road improvements this year we will be completing most of our gravel roads which we may not have time to do once we begin our 10 year plan next year.

TREATMENT	APRIL	MAY	JUNE	July	TOTAL
Crack Seal	0	12.55	0	0	12.55
Re-gravel	1.8	0	9.8	20.77	32.37
Cold Mix Asphalt	0	0	4	0.006	4.006
	1.8	12.55	13.8	20.776	48.926

IMPROVEMENT	ROAD	FROM	TO	Commissioner district	MILES
Crack Seal	Range Road	400N	500N	Binkley	1
Crack Seal	650S	US421	1200W	Chesak	2
Crack Seal	1100W	500S	700S	Chesak	2
Crack Seal	700S	1075W	US421	Chesak	0.75
Crack Seal	400S	Range Road	Craigmile Ditch Bridge	Chesak	0.5
Crack Seal	450S	Range Road	Craigmile Ditch Bridge	Chesak	0.3
Crack Seal	50E	500S	Craigmile Ditch Bridge	Binkley	0.2
Crack Seal	700E	SR8	Yellow River Bridge	Norem	0.1
Crack Seal	CR210	SR10	Old SR10	Norem	4.5
Crack Seal	625E	CR210	Toto Road	<u>Norem</u>	<u>1.2</u>
				TOTAL	12.55
Cold Mix Asphalt	450S	650W	English Lake rd.	Chesak	1.25
Cold Mix Asphalt	300W	800S	.5 miles N of 900S	Chesak	0.5
Cold Mix Asphalt	900S	800W	end of pavement	Chesak	0.25
Cold Mix Asphalt	Range Road	800S	900S	Chesak	1
Cold Mix Asphalt	500E	500N	400N	<u>Binkley</u>	<u>1</u>
Cold Mix Asphalt	Knox EMS Base			<u>Binkley</u>	<u>0.005</u>
Cold Mix Asphalt	Sheriff Dept.			<u>Binkley</u>	<u>0.001</u>
				TOTAL	4.006
Re-Gravel	1200E	550N	700N	Norem	1.5
Re-Gravel	1075E	500N	600N	Norem	1
Re-Gravel	1175E	700N	South St.	Norem	0.5
Re-Gravel	Daugherty St.	700N	Watson St.	Norem	0.2
Re-Gravel	Evergreen St.	700N	Watson St.	Norem	0.2
Re-Gravel	925E	850N	900N	Norem	0.5
Re-Gravel	850N	850E	End of Gravel	Norem	0.5
Re-Gravel	850E	800N	900N	Norem	1
Re-Gravel	900E	500N	650N	Norem	1.5
Re-Gravel	900E	700N	750N	Norem	0.5
Re-Gravel	500E	900N	End of Gravel	Binkley	0.2
Re-Gravel	525E	900N	End of Gravel	Binkley	0.2
Re-Gravel	500E	700N	800N	Binkley	1
Re-Gravel	500E	300N	400N	Binkley	1
Re-Gravel	50S	SR39	Dead end	Binkley	0.8
Re-Gravel	100S	Range Rd	100E	Binkley	1
Re-Gravel	100E	50S	150S	Binkley	1
Re-Gravel	250E	200S	250S	Binkley	0.5
Re-Gravel	400W	TOTO RD.	Dead end	Chesak	1.12
Re-Gravel	400W	350S	400S	Chesak	0.5
Re-Gravel	375S	450W	400W	Chesak	0.5
Re-Gravel	350S	400W	350W	Chesak	0.5

Re-Gravel	300W	TOTO RD.	400S	Chesak	1
Re-Gravel	500S	350W	450W	Chesak	1
Re-Gravel	900S	300W	400W	Chesak	1
Re-Gravel	900S	600W	700W	Chesak	1
Re-Gravel	800S	700W	900W	Chesak	2
Re-Gravel	900S	1000W	1200W	Chesak	2
Re-Gravel	1100W	800S	900S	Chesak	1
Re-Gravel	500S	1100W	1200W	Chesak	1
Re-Gravel	900W	500S	700S	Chesak	2.2
Re-Gravel	900S	150W	RANGE RD.	Chesak	1.5
Re-Gravel	850W	500S	600S	Chesak	1
Re-Gravel	900W	400S	END OF GRAVEL	Chesak	0.5
Re-Gravel	650W	500S	END OF COUNTY JURIS.	Chesak	0.45
Re-Gravel	350E	SR10	700S	Binkley	1
				TOTAL	32.37
				TOTAL ROAD IMPROVEMENT MILES	48.926

CULVERT MAINTENANCE

We replaced two pipes in July. We do not plan on doing any more until our second round of culvert replacements begins in September unless circumstances warrant it. We have now replaced 34 of the 59 deficient culverts that we identified earlier this year.

RAILROAD CROSSING GRANT

In May, INDOT performed a railroad crossing audit for our County.. They found twenty-three crossings where the pavement markings and/or signs were beginning to fade. The suggested we use their available INDOT railroad crossing grants to pay for the new markings and signs. We have applied for a grant totaling \$36,692.29 to replace forty-three signs and have eighty-eight pavement marks re-marked in beaded epoxy. Our Department will be replacing the signs and Traffic Control Specialists in Knox will be applying the pavement markings. This is not a matching grant. INDOT will be paying 100% of the cost. Because they recommended the grant and worked hard to help us complete it properly we feel we have a very good chance of receiving this grant

TRUCK GRANT

Dustin Waters, of Freightliner Trucks, approached us a few weeks ago with an opportunity for a grant through IDEM (Indiana Department of Environmental Management) that helps us buy a new tandem axle dump truck. This new truck would be more environmentally friendly and we would be able to retire our oldest, least environmentally friendly truck. The Grant award would be \$50,000, which would provide us with a significant discount. We will keep you updated on the progress.

TRAINING

- 1) Mark Ennis, our risk management representative, had a driving simulator brought to our Department last week. Most of our drivers completed a few turns in the machine. They seem to enjoy it while learning a few things at the same time.
- 2) On August 16th ten of our employees will be attending an INDOT sponsored meth lab and roadside explosive awareness class in Winamac. There apparently have been a few explosive devices found on Indiana roadsides recently. INDOT is training all their drivers on this subject and have invited many local agencies to attend.
- 3) LTAP Road Scholar class #2 Liability and risk will be held at Swan lake Resort on August 31st. nine of our employees will be attending

ADA/TITLE VI

In July. The Superintendent completed initial ADA audits of the Courthouse, annex building, annex 2, the highway garage, and the Starke County Justice Center. Vicki Cooley provided a written assurance that all the election centers were ADA compliant. The Superintendent plans on doing an ADA audit of the County library and its branches in August. This is only an initial audit. Next year a more extensive audit will be required.

There were no deficiencies found at the Justice center. Three were found at the new annex 2 building, four at the courthouse, three at the annex building, and two at the highway garage. Most of these were minor things that can be resolve easily by each building's maintenance supervisor. The only major problem was the lack of a curb ramp in front of the new annex 2 building. Jim Coad solicited quotes to install this ramp and received a bid of \$1580.00 from Pete Kuchel Conrete. The Knox mayor has been approached about the possibility of contributing some of their sidewalk matching funds for the project. The Highway Department will provide the necessary striping for the handicap parking spaces near the ramp.

At the next Department head meeting the Superintendent will hand out ADA/Title VI binders for each department with instructions on how to use them.