

Starke County Highway Department Monthly Report – October 1stth , 2018

ROADS

PAVING PROGRAM

Our asphalt paving is complete for the year, as is our chip sealing. As the chart below shows, September was a busy month for our road crew. We have completed over 50 miles of road improvements. We began crack sealing operations today. Once that is complete our road improvements for 2018 will be done. Other than the crack sealing October will be primarily focused on winterizing the plow trucks, winter operations training, routine road maintenance, and some culvert/bridge work.

TREATMENT	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	TOTAL
Crack Seal	0	0	0	0	0	1	1
Re-gravel	0	1	1.5	2	0	0	4.5
Hot Mix Asphalt	1.3	1.53	0.6	0.15	0	0	3.58
Chip Seal	0	0	0	0	17.35	0	17.35
Cold Mix Asphalt	6.9	4.75	4.56	4.33	6.009	0	26.549
	8.2	7.28	6.66	6.48	23.359	1	52.98

TYPE	Planned Miles	ACTUAL MILES	MATERIAL	LABOR AND EQUIPMENT	TOTAL COST	COST PER CENTERLINE MILE
Cold Mix Asphalt	20	26.639	\$499,952.77	\$113,215.75	\$613,168.52	\$23,017.70
Hot Mix Asphalt	2	3.58				
300E (Contracted)	1.25	1.25	\$143,428.00		\$143,428.00	\$114,742.40
25N (Contracted)	0.05	0.65	\$62,900.00		\$62,900.00	\$96,769.23
The rest (own forces)	0.7	1.68	\$97,440.00	\$8,702.40	\$106,142.40	\$63,180.00
CHIP SEAL	25	17.35	\$126,371.00	\$46,845.00	\$173,216.00	\$9,983.63
RE-GRAVEL	3	4.5	\$8,518.55	\$12,150.00	\$20,668.55	\$4,593.01
CRACK SEAL	5					
TOTALS	50	52.069			\$1,119,523.47	\$21,500.77

Community Crossings Grant Projects

We have submitted our four projects in the first round of the 2018 Community Crossings Grant applications. Each Local agency can request up to \$1,000,000.00 in the two rounds combined. We are requesting almost the entire amount in the first round. Whatever does not get rewarded we will ask for in the next round in January. We chose the two bridges because one is already complete and the other has gone out to bid and has been awarded. The funds awarded for already completed or funded projects allows us great flexibility. Applying for already completed projects last year gave us the ability to make all of our flood repairs without borrowing any money or even taking away from our 2018 road improvement plan. The third project selected was an intersection improvement at 600S/CR210. There have been many accidents here and there are also sight distance and traffic flow problems. We will be changing the alignment from a three-way intersection to a t-intersection. This will solve the sight distance problem, discourage trucks from using this route so they will use the proper truck route (SR10), and improving the traffic flow on CR210. The fourth project is one of our hot mix overlay projects. These eight hot mix projects were our highest priorities in the planned 125 miles. We selected them based on condition, traffic count, accident history, mobility, and how they connect to our overall traffic plan. 25N was chosen because its high traffic count, fairly high accident rate, condition, and because it is a major county road connector for the East central part of the County. Many people use it to get to Knox going west and SR23 going east. It also connects to our recently replaced bridge on 25N

PRIORITY	PROJECT LOCATION	PROJECT TYPE	COST ESTIMATE	INDOT CCMG GRANT	NOTES
1	Bridge 154 Replacement on 100E, north of 400N	Bridge Replacement	\$400,643.00	\$296,475.82	Application Submitted, this project has already been bid. construction will begin this month
2	Bridge 36 over Eagle Creek, on 25N, .2 miles West of CR600E*	Bridge Replacement	\$316,408.97	\$237,308.73	Application submitted. Project completed earlier this year
3	The Intersection of CR210 and 600S/Old SR10, realignment*	Intersection Improvement	\$159,149.00	\$109,149.00	Application submitted
4	CR25N from 600E to SR23	HMA Overlay, Preventive Maintenance*	\$561,183.00	\$344,853.00	Application Submitted
				\$987,786.55	
5	Range Road from SR10 to Toto Road	HMA Overlay, Preventive Maintenance	\$650,853.00		Application prepared and ready for next round
5	400S from US421 to CR650W	HMA Overlay, Preventive Maintenance	\$605,692.00		Application prepared and ready for next round
5	CR50S from SR39 to the Knox city limits	HMA Overlay, Preventive Maintenance	\$889,696.00		Application prepared and ready for next round
5	CR250N from Range Road to US35	HMA Overlay, Preventive Maintenance	\$777,777.00		Application prepared and ready for next round
5	CR25N from US35 to County Bridge #38	HMA Overlay, Preventive Maintenance	\$254,919.00		Application prepared and ready for next round
5	CR1100E (Tecumseh Road) from US30 to Circle Ave	HMA Overlay, Preventive Maintenance	\$462,945.00		Application prepared and ready for next round
5	CR600E from US30 to the Laporte County Line	HMA Overlay, Preventive Maintenance	\$497,070.00		Application prepared and ready for next round

IMPROVEMENT	ROAD	FROM	TO	MILES
Cold Mix Asphalt	900S	.25 miles West of US35	CR100E	3.75
Cold Mix Asphalt	800S	200E	300E	1
Cold Mix Asphalt	900S	300W	150W	1.5
Cold Mix Asphalt	150W	900S	800S	1
Cold Mix Asphalt	200S	100W	Fernwood Drive	0.75
Cold Mix Asphalt	100W	SR8	250N	1.5
Cold Mix Asphalt	300N	Laporte C	125W	0.3
Cold Mix Asphalt	700S	300E	.25 miles east of 350E	0.75
Cold Mix Asphalt	250N	100W	125W	0.25
Cold Mix Asphalt	750W	SR10	500S	1
Cold Mix Asphalt	750W	500S	400S	0.25
Cold Mix Asphalt	400S	650W	750W	0.1
Cold Mix Asphalt	300W	250S	150S	1
Cold Mix Asphalt	150S	300W	end of pavement	0.5
Cold Mix Asphalt	700N	300E	50E	2.5
Cold Mix Asphalt	700N	US35	300E	0.1
Cold Mix Asphalt	150W	200S	150S	0.5
Cold Mix Asphalt	150S	150W	100W	0.5
Cold Mix Asphalt	150W	150S	Dead End	0.25
Cold Mix Asphalt	Kitty Lane	CR210	Dead End	0.125
Cold Mix Asphalt	Krivak Lane	CR210	Dead End	0.2
Cold Mix Asphalt	Kanney	SR23	Tippecanoe	0.53
Cold Mix Asphalt	Tippecanoe	SR23	Kanney	0.75
Cold Mix Asphalt	Cherokee	SR23	Tippecanoe	0.375
Cold Mix Asphalt	Bush	Kanney	Cherokee	0.125
Cold Mix Asphalt	Wakwa	Tippecanoe	Tecumseh	0.04
Cold Mix Asphalt	Iroquois	SR23	Tippecanoe	0.18
Cold Mix Asphalt	South St	Circle Ave.	1200E	0.75
Cold Mix Asphalt	Circle Ave.	.2 East of 1100E	South St.	0.25
Cold Mix Asphalt	Seneca	SR23	Topinabee	0.1
Cold Mix Asphalt	Navigator	Circle Ave.	Shipping lane	0.125
Cold Mix Asphalt	Shipping Lane	Canoe Court	Anchor Drive	0.4
Cold Mix Asphalt	Anchor Drive	Shipping Lane	1100E	0.22
Cold Mix Asphalt	Canoe Court	Shipping Lane	Dead End	0.06
Cold Mix Asphalt	Edgewater	Woodine	Dead end	0.1
Cold Mix Asphalt	850W	500S	Gravel	0.3
Cold Mix Asphalt	Little U Road	250W	U Road	0.01
Cold Mix Asphalt	Elm St.	Williams St.	CR210	0.32
Cold Mix Asphalt	Shewski Rd.	SR10	Dead End	0.44
Cold Mix Asphalt	650E	CR200E	around curve to the north	0.68
Cold Mix Asphalt	150E	Toto Rd	400S	1
Cold Mix Asphalt	Maple St.	Plymouth St.	Oak St.	0.19
Cold Mix Asphalt	Madison St.	Hamlet	Main	0.094
Cold Mix Asphalt	Davis St.	Division	Lincoln	0.065
Cold Mix Asphalt	Main St.	Terry	Madison	0.07
Cold Mix Asphalt	Minix Rd.	350W	Crest Dr.	0.23
Cold Mix Asphalt	Arnold St.	Minix	Tulip	0.075
Cold Mix Asphalt	Tulip Ct.	Arnold	Crest Dr.	0.16

Cold Mix Asphalt	Crest Dr.	Minix	Tulip	0.075
Cold Mix Asphalt	Wedges	County	Wide	0.75
Cold Mix Asphalt	350S	150E	end of pavement	0.35
				26.639
Hot Mix Asphalt	300E	SR8	1200E	1.25
Hot Mix Asphalt	600E	25N south junction	25N north Junction	0.1
Hot Mix Asphalt	700E	SR8	.05 miles N of SR8	0.05
Hot Mix Asphalt	25N	SR23	.05 Miles W of SR23	0.05
Hot Mix Asphalt	25N	600E	Just W of Bridge #38	0.6
Hot Mix Asphalt	Range Road	300N	400N	1
Hot Mix Asphalt	Range Road	SR8	.33M S of SR8	0.33
Hot Mix Asphalt	Range Road	.1 miles S of 250N	.3 Miles S of 250N	0.2
				3.58
Chip Seal	500E	400N	500N	1
Chip Seal	480N	100E	200E	1
Chip Seal	Range Road	50S	End of wedge	0.15
Chip Seal	500N	100E	200E	1
Chip Seal	150E	500N	600N	1
Chip Seal	1200E	150N	300N	1.5
Chip Seal	150N	1100E	1200E	1
Chip Seal	Division Rd.	1050E	1200E	0.5
Chip Seal	200S	100W	Range Road	1
Chip Seal	200S	Range Road	200E	0.5
Chip Seal	200E	Toto Road	350S	0.5
Chip Seal	350S	150E	200E	0.5
Chip Seal	450S	Range Rd.	100E	1
Chip Seal	100W	450S	500S	0.5
Chip Seal	100W	South of Toto Rd.	wedge	0.05
Chip Seal	100W	Toto Rd.	250S	0.5
Chip Seal	900S	300W	gravel	0.15
Chip Seal	700S	US421	1075W	0.75
Chip Seal	900S	US421	700W	3
Chip Seal	Range Rd.	50S	SR8 (wedges)	0.25
Chip Seal	300W	800S	900S	1
Chip Seal	Various	Wedges	Countywide	0.5
				17.35
Crack Seal	Range Rd.	400N	500N	1
re-gravel	Various	Gravel	Roads	4.5
				52.98

BRIDGES

REPLACEMENTS/REHABS

We now have only two deficient bridges based on our last bridge inspection report. The replacement of Bridge154 on 100E, north of 400N will begin in a week or so.

BRIDGE MAINTENANCE

Our bridge maintenance crew completed our Fall maintenance on all of our County bridges. They will go through the entire process again next Spring. We will also be re-sealing all of our concrete decks next Spring.

MOWING

Personnel

- 1) Office Manager position
- 2) Two empty driver slots
- 3) One sign technician slot