

# Starke County Highway Department

## Monthly Report

### June 2015

#### SUMMARY

#### ROADWAY

**Road Improvement program** – Phase 1 of our summer Road Improvement program is more than 50% complete. All of the scheduled roads east of US35 in this phase are complete. We will be resuming Phase one in about two weeks, after our latest batch of asphalt has cured.

We will begin our limited chip sealing program once Phase 1 is complete. Our crack sealing will begin tomorrow. We will be working on Range and Toto Roads. Phase 2 of our Paving will begin in August. We will be making the asphalt for that phase in July. The number of miles will be dependent upon funding.

Our text notifications for road closures are working well.

#### Asphalt Production - 2015

LOAD #	DATE	TIME	GALLONS	OIL COST	MATERIAL COST	TOTAL COST	TONS PRODUCED	Vendor	TYPE
1	1-Apr-15	7:00AM	5844.31	\$10,490.53	\$3,165.36	\$13,655.89	395.67	Bit-Mat	AE-200/11
2	1-Apr-15	10:45am	6699.4	\$12,015.42	\$3,628.64	\$15,644.06	453.58	Bit-Mat	AE-200/11
3	15-Apr-15	7:28AM	5655	\$9,952.80	\$3,003.11	\$12,955.91	382.87	Asphalt Materials	AE-150-11
4	15-Apr-15	8:39AM	5781	\$10,174.56	\$3,070.02	\$13,244.58	391.4	Asphalt Materials	AE-150-11
5	30-Apr-15	7:35AM	5861.08	\$10,520.64	\$3,174.45	\$13,695.09	396.82	Bit-Mat	AE-200/11
6	30-Apr-15	9:59AM	5765.27	\$10,348.66	\$3,122.55	\$13,471.21	390.34	Bit-Mat	AE-200/11
7	1-May-15	8:00AM	5809.76	\$10,370.42	\$3,128.99	\$13,499.41	393.35	Bit-Mat	AE-150-11
8	1-May-15	9:20AM	5812.2	\$10,374.78	\$3,130.30	\$13,505.08	393.51	Bit-Mat	AE-150-11
9	6-May-15	5:50AM	5948.78	\$10,618.57	\$3,203.86	\$13,822.43	402.76	Bit-Mat	AE-150-11
10	6-May-15	7:40AM	5882.93	\$10,501.03	\$3,168.39	\$13,669.42	398.3	Bit-Mat	AE-150-11
11	6-May-15	9:28AM	5921.95	\$10,570.68	\$3,189.41	\$13,760.09	400.94	Bit-Mat	AE-150-11
12	7-May-15	5:49Am	5885.37	\$10,505.39	\$3,169.71	\$13,675.10	398.47	Bit-Mat	AE-150-11
13	7-May-15	7:45AM	5800	\$10,353.00	\$3,123.73	\$13,476.73	392.69	Bit-Mat	AE-150-11
14	7-May-15	9:25AM	5931.71	\$10,588.10	\$3,194.67	\$13,782.77	401.61	Bit-Mat	AE-150-11
15	7-May-15	11:00AM	5841.46	\$10,427.00	\$3,146.06	\$13,573.06	395.49	Bit-Mat	AE-150-11
16	20-May-15	6:15AM	5966.47	\$10,710.17	\$3,231.50	\$13,941.67	403.92	Bit-Mat	AE-200/11
17	20-May-15	7:50AM	5873.05	\$10,542.12	\$3,180.79	\$13,722.91	397.63	Bit-Mat	AE-200/11
18	20-May-15	12:00PM	5775.61	\$10,367.22	\$3,128.02	\$13,495.24	391.04	Bit-Mat	AE-150-11
19	21-May-15	5:55AM	5843.8	\$10,431.18	\$3,147.32	\$13,578.50	395.65	Bit-Mat	AE-150-11
20	21-May-15	7:50AM	5800	\$10,353.00	\$3,123.73	\$13,476.73	392.69	Bit-Mat	AE-150-11
21	21-May-15	8:52AM	5890.24	\$10,514.06	\$3,172.33	\$13,686.39	398.8	Bit-Mat	AE-150-11
22	21-May-15	11:10AM	5870.73	\$10,479.25	\$3,161.82	\$13,641.07	397.48	Bit-Mat	AE-150-11
23	22-May-15	5:35AM	6058.54	\$10,814.49	\$3,262.97	\$14,077.46	410.19	Bit-Mat	AE-150-11
24	22-May-15	8:05AM	5885.37	\$10,505.39	\$3,169.71	\$13,675.10	398.47	Bit-Mat	AE-150-11
25	22-May-15	9:05AM	5956.1	\$10,631.64	\$3,207.80	\$13,839.44	403.26	Bit-Mat	AE-150-11
26	22-May-15	11:00AM	5890.24	\$10,514.08	\$3,172.33	\$13,686.41	398.8	Bit-Mat	AE-150-11
27	1-Jun-15	5:34AM	5741.32	\$10,305.67	\$3,109.45	\$13,415.12	388.71	Bit-Mat	AE-200/11
28	1-Jun-15	8:00AM	6021.56	\$10,808.70	\$3,261.23	\$14,069.93	407.69	Bit-Mat	AE-200/11
29	1-Jun-15	10:00AM	5662.28	\$10,163.79	\$3,066.64	\$13,230.43	383.36	Bit-Mat	AE-200/11
30	1-Jun-15	12:00PM	5681.44	\$10,198.18	\$3,077.02	\$13,275.20	384.66	Bit-Mat	AE-200/11

**TOTAL 176357 \$315,150.52 \$95,091.91 \$410,242.43 11940.15**

**PHASE ONE PAVING**

PRIORITY	ROAD	FROM	TO	MILES	TREATMENT	NOTES
C	Indiana Ave.*	Jefferson St.	Starke Street	0.5	Pug	complete
C	Starke St.	500N	pavement line	0.1	Pug	complete
C	Golf Course Road	Starke St.	Parking Lot	0.1	Pug	complete
C	Hamlet St.	Terry St.	good pavement	0.1	Pug	complete
C	Terry St.	Hamlet St	Division St.	0.1	Pug	complete
C	500E	200S	150S	0.5	Pug	complete
C	525E	800N	900N	1	Pug	complete
C	600E	800S	SR10	2	Pug and Wedging	complete
C	600N	500E	Hamlet limits	1.2	Pug	complete
C	775N	700E	825E	1	Pug	complete
C	100N	700E	800E	1	Wedges	complete
C	100S	Knox Fertilizer		0.25	Wedges	complete
C	100W	SR8	200N	1	Wedges	complete
C	1200E	400N/1200E Intersection	400N/1200E Intersection	0.2	Wedges	complete
C	200E	100S	200ft from corner	0.05	wedges	complete
C	300E	SR10	just south of SR10	0.1	Wedges	complete
C	600N	SR23	top of hill	0.25	Wedges	complete
C	450S	210	Intersection	0.1	Wedges	complete
C	CR210	just north of 500S		0.1	Wedges	complete
C	500S	US35	Western Ave	1	Wedges	complete
C	Western Ave	CR210	intersection	0.1	Wedges	complete
1	200E	450S	toto road	1.5	Pug	
1	500S	US35	100E	3	Pug	
1	350S	200E	150E	0.5	Pug	
1	450S	100E	Range Road	1	Pug	
1	800S	300E	US35	2	Pug	
1	Campbell Drive	500W	North Judson Limits	0.5	Pug	
1	Circle Ave.	SR23	South ST.	0.5	Pug	
1	Range Road	SR8	150S	2.5	Pug	
1	San Pierre Road	1075W	US421	1.5	Pug	
1	South St.	Circle Ave.	1200E	0.5	Pug	

**SPRING ROADWAY MAINTENANCE** – Despite the recent rains we have had only relatively minor flooding problems and currently have only one road closed due to high water (900E from SR10 to 625S). The flooding on this road is a chronic problem that we will be addressing later this summer. We will be using concrete fill to raise the road up and eliminate the drainage problem. We also corrected a drainage problem on 700S, just west of 1000E.

The drivers have continued patching their areas.

We have continued other various maintenance activities such as brush control, trash pickup, and drainage control. We will have a brush cutting crew out almost daily clearing the right of ways.

**MOWING** – Our mowers have been active since May 1<sup>st</sup> and are finishing their first circuit of the County. The mowing has been hampered somewhat by the rainy weather. Our brush chopper is still working on its first circuit of the County. It too has been slowed due to weather. The rain has also helped the grass grow faster.

We should be able to get back on schedule once the weather gets better.

## **BRIDGE**

### **LOCAL BRIDGE REPLACEMENTS:**

**Bridge 70 (CR50E over Smith Ditch, .1 m south of CR500S)** is complete and open:



**Bridge 79 (CR450S over Smith Ditch, .2 m west of Range Road)** LaPorte Construction has just started construction of this bridge. It is about 50% complete. 450S will be closed for part of the summer from Range Road to 100W.

**Bridge #1 on CR700N over the Robbins ditch, .3 miles W of CR500E** is currently being designed. Construction should begin this summer

**Bridge #71 CR100E over Smith Ditch, .5 m S of CR500S** – is currently being designed. Construction should begin this summer

**BRIDGE INSPECTIONS** – Phase 1 of our bridge inspections are complete. No new bridges were deemed structurally deficient. Three years ago we had 17 deficient bridges. At the end of this year we will only have 10 deficient bridges.

## **OTHER**

**SAFETY AND TRAINING** – Our weekly safety meetings have continued. Our drivers completed bucket truck safety and chainsaw safety classes presented by Purdue University/LTAP. Three of our drive are going through training to be state certified construction technicians.

**THIRD MECHANIC POSITION** Our new mechanic began today We worked with the auditor today concerning charging the other departments for vehicle repair labor. It was determined that we either must charge our full hourly rate for labor or not work on the vehicles. This is because MVH funds can only be used for Highway use.