

Starke County Highway Department  
 Monthly Report  
 April 2016

**WINTER OPERATIONS**

Our winter operations are essentially over. Because of the relatively mild winter we used 25% less sand and 50% less silt this year compared to last year. Our salt dome is full. This means we have a sizeable reserve for next year. We have stored all our winter equipment and have refitted all our trucks for summer operations.

<u>Fuel Usage</u>	<u>DIESEL</u>		<u>GAS</u>	
	<u>2016</u>	<u>AVG</u>	<u>2016</u>	<u>AVG</u>
<b>FUEL USAGE BY MONTH</b>				
JANUARY	9539	12469	2521	2437
FEBRUARY	12341	12613	2632	2542
MARCH	7913	9387	2914	2463
APRIL		6339		2497
MAY		5352		2717
JUNE		7138		2515
JULY		6284		2778
AUGUST		7140		2765
SEPTEMBER		6772		2858
OCTOBER		5913		2397
NOVEMBER		7934		2456
<u>DECEMBER</u>		<u>7617</u>		2225
	<b>29793</b>	<b>94956</b>	<b>8067</b>	<b>30647</b>

**FROST LAW**

300E/200S – We have been monitoring the truck traffic that has been using this route because Culver Road has been closed to truck traffic. (see pics)

- 1) Google Maps directions change
- 2) Minor repairs/continued monitoring
- 3) Have discussion with the industrial park businesses
- 4) Use the 2021 call for projects and/or local rural call to upgrade 300S/200E
- 5) Fix the sight distance problem at Toto Road

**STATE FUNDING BILL HB1001**

We suggest we form a committee to discuss how to use the new funding. The next call for projects is due in May. We would like to have that in by the end of April.

An asset management plan will be required to receive this funding. We already have one in place we just have to adjust it to fit the template that will be released by LTAP/Purdue this week

## SPRING/SUMMER OPERATIONS

- 1) **Culvert replacements** – We have replaced and/or repaired ten culverts in the last month. We have two more to complete in our first round of replacements (highlighted in yellow). We will then replace culverts on an as needed basis throughout the summer and then begin round two of the planned replacements in the fall after our paving operations are complete. We anticipate replacing about thirty pipes this year. Those highlighted in green are those we did in coordination with the Surveyor to help him with some of his projects. We will also be allowing him to store some material at the garage and use some of our used, salvaged pipes. He will also be purchasing his material through our departments negotiated price arrangements with vendors

ROAD	LOCATION	DATE COMPLETED	PIPE USED	LOCATE	OPERATOR	NOTES
100 E.	100 E. off 800 S.	2/29/2016	10' of 12"	NO	Ricky	Culvert Through a Culvert
Toto Rd.	Toto Rd. 1500' West of 850 W.	3/11/2016	Lower	Complete	Ricky	Culvert Lowered
700 S.	CR 500 W & CR 700 S 100' in ALL DIRECTIONS	3/16/2016	38' of 8", 3 - 8" Bands	Complete	Ricky	1 - Load of 2's, 1/2 Dipper of 73's
700 E B/T 800 S & 900 S	On 700 E. 2170' South of 800 S.	3/22/2016	45' of 24"	Complete	Ricky	Culver Replacement
600 N B/T US 35 & 500 E.	On 600 N 1316' West of 500 E	3/21/2016	35' of 18"	Complete	Ricky	Culvert Replacement
400 S. & 400 W.	On 400 S. 1299' East of 400 W.	3/23/2016	N/A	Complete	Ricky	Culvert Lowering
Toto Rd. B/T SR23 & 1000 E.	On Toto Rd. 2637' East of SR 23	3/21/2016	50' of 30"	Complete	Ricky	Culvert Replacement
500 S. & 750 W.	500 S. 1128 Ft. East of 750 W.	3/26/2016	45' of 30"	Complete	Ricky	Culvert Replacement
550 S. B/T 1100 W. & 1200 W.	On 550 S. 1360' West of 1100 W.	3/27/2018	50' of 60"	Complete	Ricky	Culvert Replacement
600 W. & 800 S.	600 W. North side of intersection about 5'	4/4/2016	50' of 45"	Complete	Ricky	Culvert Replacement
San Pierre Rd. & 900 W.	On San Pierre Rd. 1459' West of 900 W.		40' of 52"	Complete		
Toto Rd. B/T 1000 E. & 1150 E.	On Toto Rd. 2153' West of 1150 E.		40' of 18"	Complete		

- 2) **Brush Cutting** – Our chopper mower has been running for much of March. We are hiring our summer mowers and they should be starting some time later this month
- 3) **Potholes and other frost repairs** – We have patched throughout March
- 4) **Sand and Gravel stockpiling** – We have stockpiled nearly all our summer operations material
- 5) **Oil bids for asphalt** – Have been sent out and the one we have received is significantly lower than last year (15% lower)
- 6) **Road Assessments and repair selection** – PASER ratings are complete, we are now combining all of our lists (PASER, needs list, citizens concerns, driver picks, etc.
- 7) **Mowing Crew (Double Mowing)**

- 8) **Bridge maintenance crew** – Will begin their operations this week. As per our budget we will be purchasing a bridge maintenance truck. This will complete our department's needs for pickups for the next two year, barring unforeseen circumstances.
- 9) **Bridge replacement** The construction of Bridge #1 (700N between US35 and 500E) is going well and should be complete by early May. The design for bridge #78 (250W between is nearly complete we should be bidding it out next month. Bridge #96 will be replaced by a culvert later this summer. After these replacements are complete we will have only eight deficient bridges in the County, one ahead of our Bridge Asset Management Plan schedule.

## **ROAD INVENTORY CHANGES**

- 1) Range Road in North Bend Township needs to be correct to Ridge Road
- 2) Garba Road in Washington Township to be added
- 3) Johnson Subdivision off of 500E needs to be added
- 4) 1175E in the Koontz Lake area needs to be added
- 5) All roads Slip Away Bay (Koontz Lake) need to be added
- 6) Arlington Road?
- 7) Kramer Lane in Koontz Lake needs to be added
- 8) IR373 unnamed road needs to be removed
- 9) 880E needs to be changed to 870E