

# Starke County Highway Department Monthly Report March 3, 2014

## Summary

**WINTER OPERATIONS** – Much like January, February was spent plowing snow. Seventeen days were spent plowing snow, five were spent hauling in material, and three were used for general maintenance (widening, salt/sand, removing ice, and picking up trash). We plowed over 43,000 miles and travelled another 7500 in support roles. We used 11,384 gallons of diesel fuel and 2438 gallons of gasoline. Below are the totals for snow removal cost and fuel usage for the year thus far:

SNOW REMOVAL COSTS	MILES PLOWED	TOTAL COST
JANUARY	55000	\$364,649.94
<u>FEBRUARY</u>	<u>43000</u>	<u>\$286,377.65</u>
<b>TOTALS</b>	<del>98,000</del>	<b>\$651,027.59</b>

78,000

FUEL USAGE BY MONTH	DIESEL	GAS
JANUARY	14952	2627
FEBRUARY	11384	2438

## ROAD IMPROVEMENT PROGRAM –

The Highway Department has been refining its preliminary road list for the 2014 road improvements. It currently includes 101.5 miles of chip seal, 21 miles of pug/asphalt, and 55 miles of gravel road repair. The current budget cannot accommodate this much work. We are in the process of removing roads from the list.

## BRIDGE REPLACEMENT/REPAIR PROGRAM –

The Highway Department has reviewed the contract submitted by Mark Wilson of JPR for the design of four County bridges, #s 31 (800E over Eagle Creek, just north of 50S), 70 (CR50E over Smith Ditch, just south of SR10), 79 (CR450S over Smith Ditch, just west of Range Road), and 88 (CR900S over Bogus Run, just west of 100S). The Superintendent recommends it be accepted. This is the next step in our plan to replace all the County's structurally deficient bridges in the next 4 years.

## 2017 AND 2018 INDOT CALL FOR PROJECTS

As a result of the 2017 call for projects application the Superintendent submitted to INDOT in December of 2013, the County has been awarded \$800,000 for the construction of the Bridge #7, the bridge on Yellow River on 1200E. The next step of this process is to create an RFP for design.

For the 2018 call for projects occurring later this Spring the Superintendent will submit three additional applications for Federal-aid projects. These include Bridge #27 over the Yellow River on 700E, just north of SR5; a road widening on portions of 500N, and the creation of a shared use golf cart path on SR10 around Bass Lake. A road reconstruction project on 600E will also be considered.

**CONSTRUCTION INSPECTION POSITION-** The Council has approved the funding and creation of this position. We will be posting the position today.

**HIGHWAY DEPARTMENT FACEBOOK PAGE –** The Highway Department has created a Facebook page. It can be found by searching for "Starke County Highway Department" on the Facebook main page.

LABOR \$80,409.94  
 EQUIPMENT \$214,090.00  
 MATERIALS \$70,150.00

\$364,649.94

JANUARY SNOW REMOVAL COSTS

LABOR									
Position	Regular Hours	Hourly Rate	REGULAR PAYROLL	OT hours	OT Hourly Rate	OT PAYROLL	TOTAL PAYROLL BY POSITION		
Truck Drivers (15)	2,640.00	\$15.89	\$41,949.60	681.50	\$23.84	\$16,270.80	\$58,220.40		
Lead Mechanic (1)	176.00	\$18.50	\$3,256.00	28.00	\$27.75	\$777.00	\$4,033.00		
Apprentice Mechanic (1)	176.00	\$15.50	\$2,728.00	45.50	\$23.25	\$1,057.88	\$3,785.88		
Administrative Assistant (1)	176.00	\$15.41	\$2,712.16	0.00	\$0.00	\$0.00	\$2,712.16		
Part Time Worker (1)	129.00	\$13.70	\$1,767.30	0.00	\$0.00	\$0.00	\$1,767.30		
Superintendent (1)	176.00	\$21.64	\$3,808.64	141.50	\$0.00	\$0.00	\$3,808.64		
Foreman (2)	363.00	\$17.28	\$6,082.56	237.00	\$0.00	\$0.00	\$6,082.56		
LABOR TOTAL =							\$80,409.94		

EQUIPMENT									
TYPE	COST CODE	CAPACITY/SIZE	HP	RATE	HOURS	TOTAL COST BY TYPE			
AMBULANCE (Sign Truck)	8041		HP TO 210	\$32.50	67.00	\$2,177.50			
Ambulance (Maintenance Truck)	8041		HP TO 210	\$32.50	78.00	\$2,535.00			
LOADER, WHEEL	8194	4CY	TO 200	\$52.00	190.00	\$9,880.00			
FLOW, SNOW, TRUCK MNTD	8452	TO 15FT.		\$10.75	3150.00	\$33,862.50			
TRUCK, DUMP	8722	12CY		\$60.00	1751.00	\$105,060.00			
TRUCK, DUMP	8723	18CY		\$65.00	790.00	\$56,700.00			
TRUCK, PICKUP	8800	TRANGSPORT PEOPLE		\$0.50	150.00	\$75.00			
TRUCK, PICKUP	8801	1/2 TON		\$14.00	430.00	\$6,020.00			
TRUCK, PICKUP	8802	1 TON		\$20.00	189.00	\$3,780.00			
MATERIALS						\$214,090.00			

TYPE	TONS	PRICE PER TON	TOTAL COST BY TYPE
Salt, bulk untreated	800.00	\$48.00	\$38,400.00
Sand,	4500.00	\$6.00	\$27,000.00
Sand, Ice	1000.00	\$4.75	\$4,750.00
			\$70,150.00

\$70,150.00

LABOR \$52,913.15  
 EQUIPMENT \$181,864.50  
 MATERIALS \$33,600.00

\$268,377.65

FEBRUARY  
 SNOW REMOVAL COSTS

LABOR											
Position	Regular Hours	Hourly Rate	REGULAR PAYROLL	OT Hours	OT Hourly Rate	OT PAYROLL	TOTAL PAYROLL BY POSITION				
Truck Drivers (16)	1,516.00	\$15.89	\$24,407.04	680.00	\$23.84	\$16,211.20	\$40,618.24				
Lead Mechanic (1)	96.00	\$18.50	\$1,776.00	42.50	\$27.75	\$1,179.35	\$2,955.35				
Apprentice Mechanic (1)	96.00	\$15.50	\$1,488.00	42.50	\$23.25	\$976.50	\$2,464.50				
Administrative Assistant (1)	96.00	\$15.41	\$1,479.36	0.00	\$0.00	\$0.00	\$1,479.36				
Superintendent (1)	96.00	\$21.64	\$2,077.44	90.00	\$0.00	\$0.00	\$2,077.44				
Foreman (2)	192.00	\$17.28	\$3,317.76	162.00	\$0.00	\$0.00	\$3,317.76				
LABOR TOTAL =						\$52,913.15					

EQUIPMENT											
TYPE	COST CODE	CAPACITY/SIZE	HP	RATE	HOURS	TOTAL COST BY TYPE					
AMBULANCE (Sign Truck)	8041		UP TO 210	\$32.50	61.00	\$1,982.50					
Ambulance (Maintenance Truck)	8041		UP TO 210	\$32.50	72.00	\$2,340.00					
LOADER, WHEEL	8394	4CY	TO 200	\$52.00	175.00	\$9,100.00					
PLOW/SNOW/TRUCK MANTD	8452	TO 15FT.		\$10.75	2216.00	\$23,822.00					
TRUCK, DUMP	8722	12CY		\$60.00	1528.00	\$91,680.00					
TRUCK, DUMP	8723	18CY		\$65.00	688.00	\$44,720.00					
TRUCK, PICKUP	8800	TRANSPORT PEOPLE		\$0.50	100.00	\$50.00					
TRUCK, PICKUP	8801	1/2 TON		\$14.00	405.00	\$5,670.00					
TRUCK, PICKUP	8802	1 TON		\$20.00	125.00	\$2,500.00					
						\$181,864.50					

MATERIALS				
TYPE	TONS	PRICE PER TON	TOTAL COST BY TYPE	
Salt, Bulk untreated	200.00	\$48.00	\$9,600.00	
Sand,	4000.00	\$6.00	\$24,000.00	
Sand, ice	0.00	\$4.75	\$0.00	
\$33,600.00				