

**Starke County Highway Department
Monthly Report – January 6th , 2020**

WINTER OPERATIONS

Quartet

WINTER SNOW EVENTS

<u>DATE</u>	<u>IN.</u>	<u>TYPE</u>	<u>ICE?</u>	<u>DRIFT?</u>	<u>LOW TEMP</u>	<u>SALT (TONS)</u>	<u>SAND (TONS)</u>	<u>M</u>
1/16	.35	LOW SNOW + ICE	YES	NO	27°	118.5	470	SI
1/30	0	PRE-TREAT	NO	NO	32			PR SN
2/31		SNOW + ICE	YES	YES	27			DE

January 6
Laura - SC



ROADWAY ASSET MANAGEMENT

COMMUNITY CROSSINGS 2020 AND HOT MIX TRUCK ROUTE PLAN

The next round of applications for CCMG opened today. We will be submitting the two projects listed below for consideration. The first round applications begins now, the second begins in July. The maximum grant award for calendar year 2020 is \$1,000,000.00. Please refer to the truck route handout for the current state of our truck route plan

- 1) CR250N from US35 to Range Road
- 2) Range Road from SR10 to Toto Rd.

PASER RATINGS AND ROADWAY IMPROVEMENT SELECTION

We will be conducting PASER ratings in the next couple of months, weather permitting. We will use the results to finalize our 2020 road improvement program. The Superintendent will be presenting the draft road program in March or April.

ROADWAY CONVERSION APPLICATION

We have received five requests for roadway conversion applications. Thus far no completed applications have been submitted.

US30/SR23 INTERSECTION IMPROVEMENT

The Superintendent is meeting with INDOT at 10AM on Friday, January 10th to discuss a proposed intersection improvement at SR23/US30.

STELLAR COMMUNITIES GRANT EFFORT

The Stellar executive committee is meeting with Michael Stennart from OCRA to review and comment our 2019 grant application.

BRIDGE ASSET MANAGEMENT

Bridge 158 (CR700E over the Jain Ditch, north of CR600N) re-bid –

We will be attending the January 14th Starke County drainage board meeting to discuss the plans to replace the collapsed culvert with a bridge. The soil reports do not support the use of a pipe or an aluminum box culvert. We are still looking into various type of modular bridges but the cost of those now approaches the cost of a continuous slab top bridge. The rebid for the bridge is scheduled for February 3rd.

Bridge 140 (CR200E over the Robbins Ditch, just north of CR480N) – Construction is complete, It was reopened to traffic on 12/20/2019. The approaches will be paved when the asphalt plants open in the Spring.



Bridge 7, (CR1200E over the Yellow River, just north of 250S) – The design for this bridge is being finalized. It will be sent out for bid and constructed in 2021. We are coordinating this project with the Surveyor's office and their bank stabilization plans for the Yellow River.

Bridge 137 (CR300E over the Yellow River, just south of CR50N) We submitted a 2025 INDOT call for project grant application for this project last month. The Superintendent and Office Manager will be presenting our case for this project this Wednesday (1/8/2020) at the LaPorte District offices of INDOT:

Following is the schedule for the 2025 NOFA application presentations.

These presentations will be held at the LaPorte District Office – Testing Conference Room (see address below) on Wednesday January 8, 2019.

Please note – you will be given 7 minutes to present your project. We would like the presentation to be why your project is important and why you feel we should fund it.

Also note times listed below are CST (LaPorte Time)

Schedule:

9:00 am – White County – East Shafer Drive over Pike Creek

9:15 am – Marshall County – Bridge #11

9:30 am – Marshall County – Bridge #232

9:45 am – Fulton County – Bridge #161

10:00 am – Porter County – Bridge over Crooked Creek

10:15 am – Porter County – Bridge over Salt Creek

10:30 am – Porter County – Bridge #1009

10:45 am – Porter County – Bridge over Cornell Ditch

11:00 am – Rensselaer – W Washington Street and S Cullen Street

11:15 am – Jasper County - Southeast quadrant of the Town of Remington

12:30 pm – St. Joseph County – Bridge near intersection of Fillmore Rd and Mayflower

12:45 pm – North Judson – ADA ramp and sidewalk along SR 10

1:00 pm – Lake County – Bridge over Hart Ditch

1:15 pm – Starke County – CR 300 E over the Yellow River

1:30 pm – LaPorte County – CR 1300 S

1:45 pm – LaPorte County – Sidewalk and ramps along Hamilton and Water Streets

VEHICLE/EQUIPMENT ASSET MANAGEMENT

Starke County Vehicle and Equipment Replacement Schedule

Front Line Work Trucks							
Vehicle Number	Make	Truck Size	Model Year	Mileage as of 1/9/2017	Mileage as of 1/9/2019	Estimated Replacement Year	Vehicle Usage
6	Sterling	Tandem Dump Truck	2005	291119	336348	2023	Front Line work/plow truck, w/underbod scraper
9	Sterling	Tandem Dump Truck	2006	n/a	92985	2022	Front Line work/plow truck
12	Freightliner	Tandem Dump Truck	2014	75877	115290	2030	Front Line work/plow truck, primary tow truck, w/underbody scraper
14	Sterling	Dump Truck	2000	203945	271820	2021	Front Line work/plow truck
15	Freightliner	Dump Truck	2013	113686	182789	2029	Front Line work/plow truck, w/underbod scraper
22	Freightliner	Dump Truck	2014	78570	126542 - As of 01/07/2019	2030	Front Line work/plow truck
24	Freightliner	Dump Truck	2014	89365	144083	2030	Front Line work/plow truck
25	International	Dump Truck	2012	65187	103040	2028	Front Line work/plow truck
26	Freightliner	Dump Truck	2016	0	52124	2032	Front Line work/plow truck, w/underbod scraper
27	International	Dump Truck	2005	n/a	45664	2021	Front Line work/plow truck, w/underbod scraper
28	International	Dump Truck	2019	n/a	1390	2035	Front Line work/plow truck
29	International	Dump Truck	2019	0	0	2035	Front Line work/plow truck
30	Sterling	Dump Truck	2005	n/a	84577	2024	Front Line work/plow truck
57	International	Dump Truck	2006	206108	261822	2022	Front Line work/plow truck
61	International	Dump Truck	2006	258319	30688	2023	Front Line work/plow truck

Spare Work and other Dump Trucks							
Vehicle Number	Make	Truck Size	Model Year	Mileage as of 1/9/2017	Mileage as of 1/9/2019	Estimated Replacement Year	Vehicle Usage
16	Sterling	Tandem Dump Truck	1997	227978	251053	scrap/parts	Spare work/Plow truck
19	Volvo	Tandem Dump Truck	1999	517790	530243 - As of 1/15/2019	scrap/parts	Spare work/Plow truck w/underbody
31	International	Dump Truck	1997	329629	387228 - As of 1/4/2019	scrap/parts	Spare work/Plow truck w/underbody
50	International	Terrastar	2015	23055	38168 - As Of 1/15/2019	2030	Small Dump Truck/plowing/patching, animal and trash removal
63	International	Dump Truck	2001	168636	202611	scrap/parts	Spare work/Plow truck
65	International	Dump Truck	1992	134960	143185	scrap/parts	Spare work/Plow truck
66	International	Dump Truck	1994	339971	362063	scrap/parts	Spare work/Plow truck
17	Sterling	Tandem Dump Truck	1997	256153	297555	2020	Spare work/plow truck

Pickups							
Vehicle Number	Make	Model	Model Year	Mileage as of 1/9/2017	Mileage as of 1/9/2019	Estimated Replacement Year	Vehicle Usage
1	Ford	F250 Super Cab	2019	N/A	N/A	2030	Superintendent's truck/Plowing/Travel for training and meetings, field work, after hours on call, refueler
2	Ford	F250 XL extended cab	2018	N/A	9617 - As of 1/15/2019	2029	Operations Foreman's Truck/Plowing, Field work, after hours on call, refueler
3	Dodge	Ram 2500 ST 4X4 crew cab	2016	8200	48141 - As of 1/15/2019	2027	Garage Foreman's truck/Plowing/Travel for training and meetings, field work, after hours on call, work crew transport, refuel
4	Ford	F250 XL Reg Cab	2014	60101	87283 - As of 1/15/2019	2024	Senior Driver's truck Truck/Plowing, Field work, after hours on call, refueler
5	Ford	F250 extended cab	2001	288232	309127 - As of 1/15/2019	scrap/parts	work crew transport, after hours on call animal and trash removal, refueler
13	Ford	F250 XL Crew Cab	2014	56978	87926 - As of 1/15/2019	2025	Bridge inspection/construction
23	Ford	F250 XL Reg Cab	2000	289846	321109	2020	work, plow and winter sign truck

Service Vehicles							
Vehicle Number	Make	Truck Type	Model Year	Mileage as of 1/9/2017	Mileage as of 1/9/2019	Estimated Replacement Year	Vehicle Usage
18	International	Dump Truck	1996	46486	52485 - As of 1/15/2019	scrap/parts	Brush Chipper Truck
20	International	Dump Truck	1999	288043	290593	2028	Water /Brine/Plow truck
21	International	Dump Truck	1999	331114	331413	scrap/parts	Water /Brine/Plow truck
32	Ford	Transit Van	2018	n/a	6712	2031	Work Crew Transit, travel for training

39	GMC	Topkick Truck	1996	170286	170391	2026	Distributor Truck
68	International	Boom Truck	1992	175080	181998	2021	Boom Truck
83	GMC	Service Truck	1997	n/a	77782	2026	Lead Mechanic Service truck
84	Ford	Ambulance	1991	n/a	209467	2024	Service Truck
85	Ford	Ambulance	1998	263479	190056	2023	Mobile sign shop (old ambulance)
32 Blue Goose	Ford	Van	1997	171070	70939	scrap/parts	Work Crew Transport, Travel for training and meetings, Deer and trash removal

Paving and other self propelled equipment

Vehicle Number	Make	Model	Model Year	Mileage as of 4/23/2019	Hours as of 4/23/2019	Estimated Replacement Year	Vehicle Usage
8	Cat	Loader MODEL 9285		n/a	1544	2022	3.5yd Loader
10	JCB	Backhoe		n/a	n/a	2025	Backhoe
33	CAT	Grader MODEL 135H		6540 hours	6920	2027	Main Grader
34	Webco	Grader MODEL 444	1974	n/a	n/a	2022	Backup Grader
35	Broce	Broom MODEL RJ300		3901 hours	4106	2024	Sweeper Broom
37	Doosan	Model DL250-3 Loader	2015	1144 hours	3214	2035	3.5 yd loader
38	Cat	Small Loader MODEL 924F		5108 hours	5385	2024	2.3yd loader
44	Volvo	Semi	1994	n/a	467940	2020	
45	Blau-Knox	Paver	1990	5161 hours	7050	2019	Paver
53	E.D Etryre & Co.	M-101-98R chipper	~1998	N/A	1083	2028	
40	International	Distributor	1999	4481 hours	40154	2028	
48	Gallon	Rubber Tire Roller		1417 hours	1538	2028	Rubber Tire Roller
49	Hypac	Roller C778A	2017	5336 hours	5460	2030	Roller
54		Stone Chipper	1974	n/a	n/a	Scrap/Parts	Stone Box/Chipper
56	Cat	Excavator		7118 hours	7551	2020	Excavator
69	Caterpillar	Skid Steer - 262D(K)	2019	n/a	n/a	TDB	Waiting for adtl paperwork and Veh # verification when old 69 is traded in. GPS Unit Needed?
69A	Caterpillar	Forklift - Forkssl-48(k)	2019	n/a	n/a	TDB	
69B	Caterpillar	Bucket Attachment	2019	n/a	n/a	TDB	Bucket for Caterpillar Skid Stee (Veh 69A)
69C	Caterpillar	Grinder	2019	n/a	n/a	TDB	Grinder for Caterpillar Skid Stee (Veh 69A)
69F	Virnig	PUB84	2019?	n/a	n/a	TDB	Pickup Broom for Caterpillar Ski Steer (Veh 69A)
70	Kenworth	t-800 semi	1988	n/a	15869	2023	

95	GMC	42	1990	2019	2035	TDB	Fire Truck -
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Mowers and Tractors - Hours to be recorded once out of storage

Equipment Number	Make	Mo Type	Model Year	Hours as of 4/23/2019	Hours as of April 2019	Estimated Replacement Year	Vehicle Usage
72	John Deere	1995 John Deere	1996	9772 hours	1026	2018	Mowing Tractor
72A	Alamo	EK 11 Mower		n/a	n/a		Mower for John Deere tractor
73	John Deere	1996 John Deere	1996	8938 hours	9580	2019	Mowing Tractor
73A	Woods	S105 Mower		n/a	n/a		Mower for John Deere tractor
74	John Deere	1996 John Deere	1996	9116 hours	9461	2020	Mowing Tractor
74A	Woods	S105 Mower		n/a	n/a		Mower for John Deere tractor
75	John Deere	1996 John Deere	1996	10262 hours	10414	2017	Mowing Tractor
75A	Alamo			n/a	n/a		Mower for John Deere tractor
76	Alamo	EK 11 Mower (spare)		n/a	n/a		Mower for John Deere tractor (spare)
77	Ford	New Holland Ford	1999	3629 hours	4143	2020	Brush Chopper
77A	Alamo	Brush chopper Mower	1999	n/a	n/a		Brush Chopper arm for New Holland Tractor
78	New Holland	T4 105	2015	1871	Not Reported	TDB	Mower Tractor
78A	Alamo	Mower			n/a	TDB	Mower
79	New Holland	T4 115	2015	1282	Not Reported	TDB	Mower Tractor
79A	Woods	Mower	2016		n/a	TDB	Mower
80	John Deere	Tractor	2014	2486 hours	3762	2030	Mowing Tractor and Brush Chopper
80B	Diamond	Brush chopper Mower	2016	n/a	n/a	2036	Brush Chopper arm for John Deere tract
99	Husqvana	M-ZT52 Mower	2015	n/a	n/a	2035	Zero Turn Deck Mower

Trailers and Other Equipment - Hours to be recorded once out of storage

Equipment Number	Make	Model	Model Year	Hours as of 4/23/2019	Hours as of April 2019	Estimated Replacement Year	Vehicle Usage
36	Inersoll Rand	Port. Air Comp. MODEL P185		1238 hours	Not Reported	2033	Air Compressor
96	Hobart	Welder Generator		225 hours	Not Reported	2036	Welder Generator
88	Falcon	Hot Box	2016	n/a	n/a	2036	Hot Box for patching
41	Kolberg Pioneer	Pugmill Model 52		n/a	n/a	2025	Pugmill
42	Winco	Pugmill Generator		3553 hours	Not Reported	2020	Pugmill Generator
43	Kolberg Pioneer	Pugmill Conveyor A/S		n/a	n/a	2025	Conveyor for pugmill
55	Husqvana	Concrete Saw	2015	n/a	n/a	2035	Bridge deck/road saw
58	Challenger	Lowboy RG35 Trailer	2006	n/a	n/a	2031	Trailer
59	Rogers	Lowboy	1972	n/a	n/a	2019	Trailer
60	Raven	Dump Trailer FST-28	2001	n/a	n/a	2026	Dump Trailer
86A	Vermeer BC1500	Vermeer Wood Chipper	2013	1182 hours	Not Reported	2033	Wood Chipper

87	Econoline Trailer	37'	2012	n/a	TDB
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SIGN MANAGEMENT

At the beginning of 2020, the Starke County Highway Department is responsible for 5576 roadway signs throughout the County. 1622(29%) of those signs have high reflectivity facing. In 2013 less than 10% of the signs in the County were of the high reflectivity variety. There are 1089 stop signs in Starke County. 759 (70%) of those are high reflectivity. It is our goal to have over 90% of the County's stop signs be high relectivity by the end of the year. Here is a summary of the signs replaced in December of 2019:

STOP	32
STOP AHEAD	3
ROAD MARKERS	31
ALL WAY	5
OBJECT MARKERS	10
SPEED LIMIT	1
CHEVRON	4
CROSS TRAFFIC	1
<u>DOUBLE ARROW</u>	<u>12</u>
TOTAL	99

The material cost for these signs was approximately \$5,500.00.

PURDUE -LTAP BETA TESTING

We have been slected recvently to help LTAP beta test their new training records management program. We also have been asked to be involved in some pilot programs related to County highway work. And although she probably does not want me to mention this our Auditor has been asked by Rich Domonkos, the director of LTAP, to give a presentation at the 2021 Purdue road school . The topic will be how County auditors can better work with their Highway Departments. Traditionally there is some friction between County highway departments and County auditors. This is primarily due to a lack of understanding of the other departments needs and responsibilities. Auditor Oesterreich is in a unique position to help others "bridge" this gap. She is, to our knowledge the only County Auditor who is also a LTAP road scholar.

Starke County Fuel Usage 2013-2019

DIESEL

FUEL USAGE BY MONTH	2013	2014	2015	2016	2017	2018	2019	AVG
JANUARY	7524.00	14952.00	12915.00	9554.28	8310.39	15335.00	15643.88	10529.32
FEBRUARY	6664.00	11384.00	14115.00	12142.20	6035.52	12795.20	9771.35	10415.32
MARCH	6771.00	10785.00	9463.00	8438.12	8200.58	10024.30	8084.98	22308.59
APRIL	4154.00	6940.00	5738.00	6265.22	6382.10	9482.09	5546.99	6358.34
MAY	5306.00	5152.00	5552.00	7656.66	6192.64	9222.53	6545.29	6518.16
JUNE	4972.00	6775.00	7500.00	5612.20	8630.86	8948.59	8070.32	7215.57
JULY	6679.00	6298.00	6270.00	8306.22	8471.38	8856.51	9421.77	7757.55
AUGUST	6841.00	6162.00	8117.00	11610.80	7793.83	9579.92	8765.16	8409.96
SEPTEMBER	7171.00	6746.00	6798.00	7633.82	5761.22	7041.49	8547.89	7099.92
OCTOBER	4944.00	6800.00	5025.00	7781.50	7348.20	7056.70	7772.86	6675.47
NOVEMBER	2545.00	8644.00	7224.00	8878.23	7349.65	8941.75	7864.19	7349.55
DECEMBER	9867.00	8077.00	7156.00	13196.13	13442.63	9417.65	10335.18	10213.08
Totals	73438.00	98715.00	95873.00	107075.38	99919.00	116701.73	106369.86	95898.37

GAS

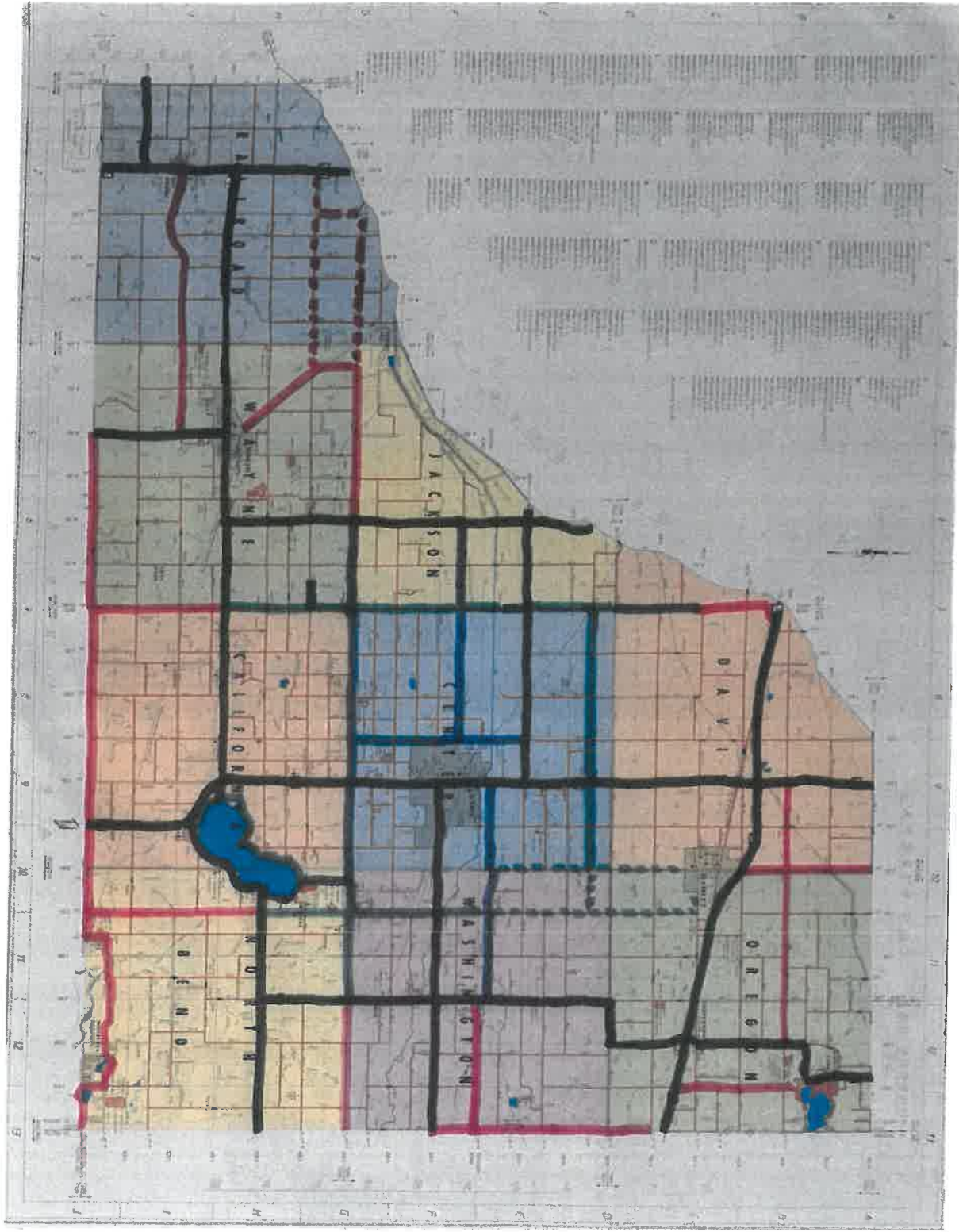
FUEL USAGE BY MONTH	2013	2014	2015	2016	2017	2018	2019	AVG
JANUARY	2654.00	2327.00	2463.00	2623.00	2880.34	3555.49	3485.17	2855.43
FEBRUARY	2276.00	2338.00	2656.00	2569.21	2686.54	3433.27	2948.62	2701.09
MARCH	2600.00	2458.00	2016.00	2858.70	3223.16	3560.49	3024.68	2820.15
APRIL	2411.00	2561.00	2433.00	2545.91	2874.01	3277.08	3338.18	2777.17
MAY	2528.00	2843.00	2590.00	2806.07	3031.68	3435.16	3488.14	2960.29
JUNE	2427.00	2828.00	2201.00	2634.23	2778.17	3549.66	3577.41	2856.50
JULY	2670.00	2745.00	2811.00	2017.86	3192.25	3130.52	3777.97	2906.37
AUGUST	2619.00	2807.00	2722.00	2636.35	3289.45	3428.40	3790.08	3041.75
SEPTEMBER	2488.00	2986.00	2730.00	2581.08	3043.57	3246.25	3545.46	2945.77
OCTOBER	2139.00	2252.00	2542.00	2539.56	3102.16	3411.77	3607.10	2799.08
NOVEMBER	2069.00	2215.00	2696.00	2365.20	3099.21	2851.39	3220.16	2645.14
DECEMBER	2320.00	2197.00	2252.00	2945.92	3346.86	3026.14	3423.28	2787.31
Totals	29201.00	30557.00	30112.00	31123.09	36547.40	39905.62	41226.25	34096.05

DIESEL

ANNUAL FUEL USAGE BY DEPARTMENT	2013	2014	2015	2016	2017	2018	2019	AVG
HIGHWAY	65057.00	89631.00	88478.00	98552.62	84483.34	107755.20	95437.96	89913.59
SHERIFF	0.00	25.00	0.00	0.00	29.09	118.51	96.72	38.47
EMS	8341.00	9058.00	7305.65	8522.70	9292.21	8827.99	10823.18	8881.53
COMMUNITY CORRECTIONS	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.14
SURVEYOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMA	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.71
HEALTH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PLANNING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAINTENANCE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CORONER	0.00	0.00	0.00	0.00	0.00	0.00	12.00	1.71
HAMLET	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
COUNTY TRAVEL	0.00	0.00	0.00	0.00	114.36	0.00	0.00	38.12
Totals	73438.00	98715.00	95783.65	107075.32	93919.00	116701.70	106369.86	98857.50

GAS

ANNUAL FUEL USAGE BY DEPARTMENT	2013	2014	2015	2016	2017	2018	2019	AVG
HIGHWAY	5440.00	8703.00	7642.43	6989.90	8124.68	7243.85	7759.13	7414.71
SHERIFF	19364.00	16976.00	17886.00	18824.84	24299.61	27989.22	26799.27	21734.13
EMS	687.00	639.00	739.98	562.87	498.04	702.11	2866.16	956.45
COMMUNITY CORRECTIONS	1432.00	1725.00	1730.00	1608.53	1326.03	1518.20	1382.31	1531.72
SURVEYOR	593.00	679.00	495.61	997.62	941.76	975.53	870.19	793.24
EMA	545.00	599.00	499.00	637.09	139.01	147.83	96.48	380.49
IT	183.00	337.00	152.95	290.69	158.24	332.99	398.88	264.82
HEALTH	201.00	161.00	159.57	156.00	144.98	184.81	251.41	179.82
PLANNING	719.00	684.00	750.60	848.17	619.84	654.55	614.05	698.60
MAINTENANCE	37.00	54.00	56.54	26.60	29.20	52.08	37.01	41.78
CORONER	0.00	0.00	0.00	180.78	176.86	104.45	96.30	139.60
HAMLET	0.00	0.00	0.00	89.15	0.00	0.00	0.00	29.72
COUNTY TRAVEL	29201.00	30557.00	30112.68	30942.31	36281.39	39801.17	41226.25	34017.40
Totals	73438.00	98715.00	95783.65	107075.32	93919.00	116701.70	106369.86	98857.50



PRIORITY HOT MIX	Road Name	From	To	Total Miles
1	Range Rd	SR 10	Toto Rd	3
2	250 N	Range Rd	US 35	4
3	300 E	100 S	Toto Rd	2
4	700 E	SR 10	25 N	5.25
5	250 N	US 35	600 E or 700 E	2
6	Range Rd	Toto Rd	300 N - With Paving Exceptions	6
7A	700 E	25 N	500 N	4.75
7B	600 E	25 N	Hamlet Town Limits	4.5
8	Toto Rd	CR625E	SR 23	2.75

34.25

SECONDARY HOT MIX	Road Name	From	To	Total Miles
	CR 210	625 E	South Jct of SR 10	4.5
	1100 E	US 30	Circle Ave	2.8
	600 E	US 30	Laporte Co Line	3
	700 N	US 35	SR 23	6
	700 S	US 421	SR 39	6
	English Lake Rd	North Judson Town Limits	Toto Rd	2.8
	Toto Rd	SR 39	550 W or 900 W	3.5 or 7
	Alternate 400 S	English Lake Rd	US 421	4.7
	Range Rd	SR 10	900 S	3
	900 S	RS 39	750 E	11.5
	Main St, Ora	900 S	850 S	0.5
	850 S	750 E	1100 E	3.8
	1100 E	850 S	900 S	0.5
	900 S	1100 E	1200 E	0.62
	Division Rd	SR 23	1200 E	3
	Toto Rd	SR 23	1200 E	3
	1200 E	SR 8	500 N	6
	Range Rd	500 N	US 30	2.1
	700 E	SR 10	900 S	4

67.82

COMPLETED HOT MIX	Road Name	From	To	Total Miles
	CR210	625E	SR10, east junction	1.25
	CR625E	Toto Road	CR210	1.2
	Range Road	RR tracksS of CR250N	.25 miles S of RR tracks	0.25
	Range Road	SR8	.4 miles S of SR8	0.4
	Range Road	CR300N	CR500N	2
	CR50S	SR39	KNOX CITY LIMITS	5.05
	CR25N	CR500E	SR23	4
	CR300E	SR8	CR100S	2
8	Toto Rd	SR 39	CR625E	8.75
	CR600S	just west of Bridge #88	CR210	0.3
	CR450S	just west of Bridge #79	Range Rd.	0.33

Various Bridge approaches

various locations

1

26.53

Starke County (2014 - 2018)

