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Thank you Holmes County!!! In November the voters of Holmes County voted to make our roads better by supporting and voting in favor of the ¼% road sales tax. We have been working since this passed to follow thru with the first year of the five year plan. Sounds easy, right? Not really. A lot of work has gone into the financing, planning, design, prep work, and bidding of the 2017 ¼% road sales tax paving project. The work that was done will also serve as a template for the upcoming years.

Financing: Since the sales tax would not go into effect till April 1st, 2017 and actual collections wouldn't start until July, we needed to get a bridge loan for this first years paving; or not do any work until the following year, which in my mind was unacceptable. All options were examined and it was determined that the State Infrastructure Bank was our best option for this year. The final paperwork is being drafted by the State Attorney General's Office. In the following years, we will apply for 0% financing/grant project to leverage our local funds to pave even more roads.

Planning: Prior to the election, we drove and rated the condition of all 250 miles of roads. Then we had to determine the 125 miles that would be completed within the first 5 year sales tax period. After the election, we had to determine which of the 125 miles should be done in the first year. Picking and choosing which roads is not an easy task. We want every road to be the best it can be. Just about everyone would like their road done first. Well..., we have to start somewhere, so we took into account pavement conditions, traffic counts, truck traffic, and also some long term experience/knowledge of how long the roads would last. This is how we determined which roads went into the first year's contracted project.

Design: As the roads developed; and due to lack of adequate funding over the past couple decades, the roads have deteriorated structurally; have an inconsistent profile, inconsistent widths, lack of adequate shoulders, drainage issues, etc. After many measurements and calculation, drawing and bidding specifications were made for the project. I am pleased how they turned out. After this season 24 miles of roads will have an 1 ½" asphalt overlay, center lines, edge lines, safety edge and some shoulders.

Prep Work: Pavement will not last if you don't get the water to drain away from the road with adequate ditches. We have been working with our own crews on ditching and berming the roads to be done this year. We are also working to replace/repair culvert crossings and road signage along these routes. In a couple weeks we will be also performing some structural repairs by grinding and patching. We don't want to just cover up the problem underneath the new/nice overlay for it to come back as potholes the following years. We want these roads to last as long as they can!

Bidding: This past Monday the Commissioners opened the bids for the project. The apparent low bidder was Melway Paving Co., Inc for a price of \$ 2,110,472.75. If everything works out, hopefully the paving will start in May/June.

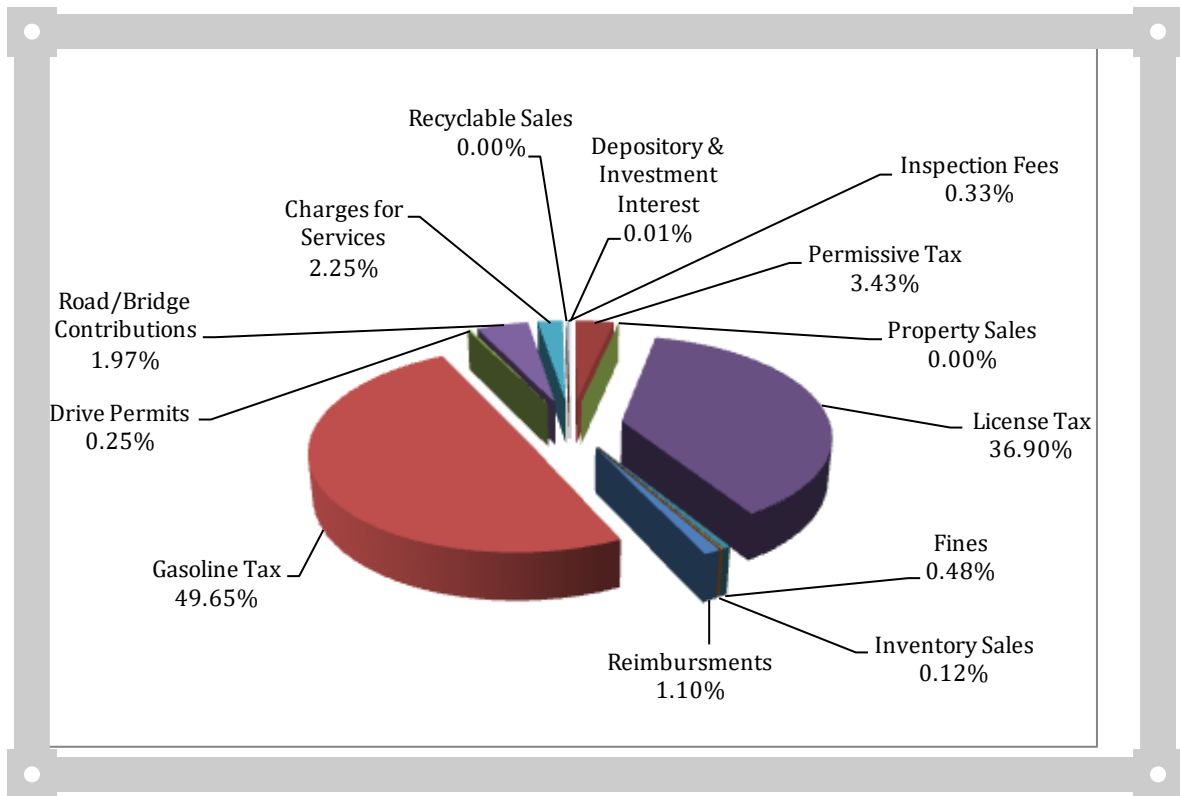
In addition to the 24 miles being done as part of the paving project, we also have another 226 miles of roads and 283 bridges to take care of and try to get them in the best shape we can. Even though we had a mild winter, there are a lot of rough roads with potholes. With the asphalt plant open we are starting to address these also. We have bid out a 50 miles chip seal project that we need to get ready for: patching, pavement repairs, some ditching, etc. We also have 4 bridge replacements planned for this year. With limited staff and budget this is almost an impossible task, but I know the Holmes County Highway Department Staff will try their best to get the job done. Thank you again Holmes County!!!

I respectfully submit this annual report required by Ohio Revised Code Ch. 5543.

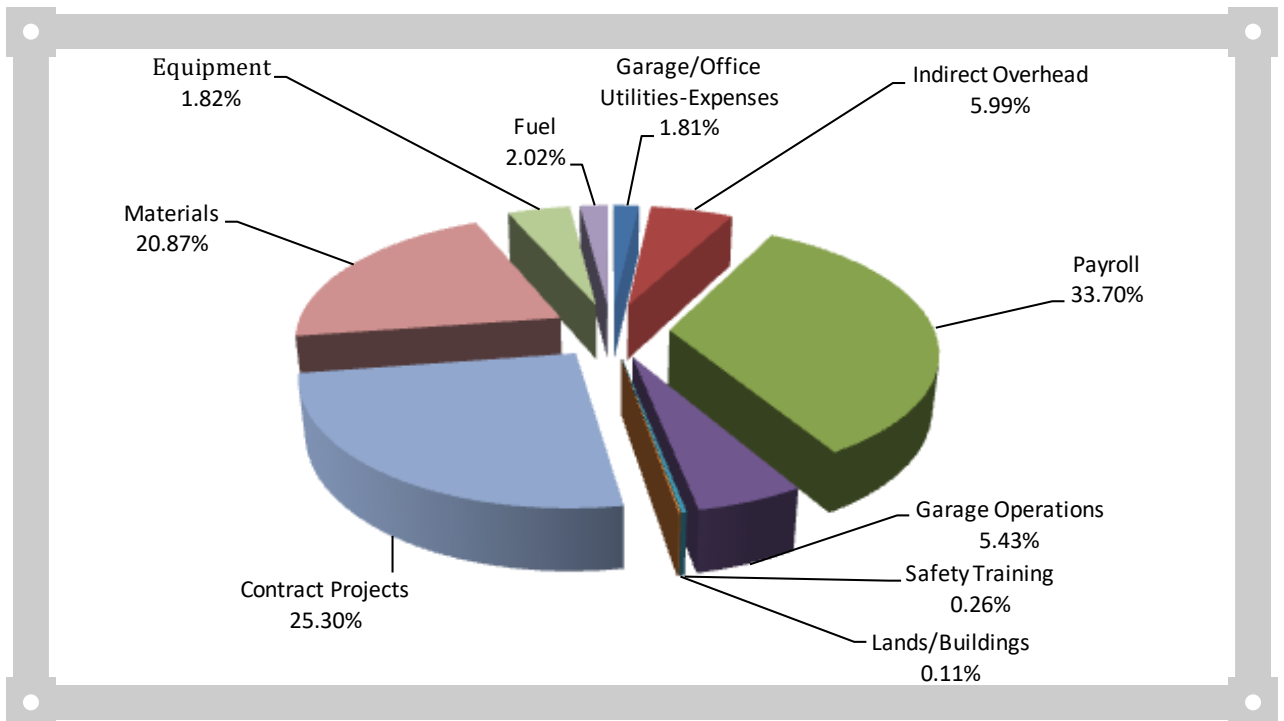
Christopher R. Young, P.E., P.S - Holmes County Engineer

2016 BUDGET

WHERE THE MONEY COMES FROM



HOW THE MONEY WAS SPENT



2016 ROAD PROJECTS



Snow/Ice Removal



Berming CR-51

2016 Road Projects	Equipment	Labor	Material	Total
Culverts/Catch Basins Install & Repaired	\$18,966.64	\$33,292.45	\$27,865.13	\$80,124.22
Snow/Ice Removal	\$52,799.00	\$61,037.23	\$118,560.76	\$232,398.99
Ditching	\$15,321.06	\$18,426.91	\$0.00	\$33,747.97
Patching	\$90,569.23	\$128,783.39	\$424,655.80	\$644,008.45
Hauling Stock	\$5,136.99	\$4,503.20	\$0.00	\$9,640.19
Berming/Washout Repairs	\$11,684.09	\$14,899.64	\$791.16	\$27,374.89
Mowing	\$57,343.50	\$40,139.26	\$0.00	\$97,482.76
Chip and Seal	\$7,741.50	\$7,473.42	\$10,103.85	\$25,318.77
Leveling	\$14,156.25	\$16,551.11	\$87,248.08	\$117,955.44
Brush & Tree Removal	\$27,897.75	\$44,911.25	\$0.00	\$72,791.00
Signage	\$16,836.00	\$31,805.15	\$615.63	\$49,256.78
Equipment Moving	\$5,642.71	\$8,055.83	\$0.00	\$13,698.54



Culvert Replacement

2016 GRANT/BRIDGE/CONTRACT PROJECTS

GRANTS

HOL CR 22-8.50 Bridge Replacement

LBR	\$1,050,597.60
Credit Bridge	\$40,639.14
Local Funds	<u>\$65,454.40</u>
Total	\$1,156,691.14

Realignment and replacement of 102' bridge on County Road 22.

Safety Intervention Grant

BWC	\$32,625.00
Local Funds	<u>\$10,875.00</u>
Total	\$43,500.00

Mobile traffic lights

Speed Zone Studies

HSIP	\$3,240
Local Funds	<u>\$360</u>
Total	\$3,600

Speed zone study for 3 locations.

County Road 385 Railroad Crossing Improvement

Ohio PUCO	\$3,318.80
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County Road 385 Railroad crossing safety improvements.

CONTRACT

Chip and Seal Project

		CR 229	3.2
CR 19	8.2	CR 333	2.6
CR 61	1.9	CR 349	2.4
CR 200	5.2	CR 600	4.5

Total Miles	28
Project Total	\$895,081.05

BRIDGES

TR 355-0241

Total	\$ 46,470.00
Superstructure Replacement	

2016 BRIDGE SUMMARY

Condition	Bridges
9 - Excellent	20
8 - Very Good	33
7 - Good	68
6 - Satisfactory	123
5 - Fair	32
4 - Poor	6
3 - Serious	1
2 - Critical	0
1 - Immanent Failure	0

Sufficiency Rating	Bridges
90-100	89
80-90	96
70-80	52
60-70	27
50-60	9
40-50	7
30-40	1
<30	2

Road Type	Bridges
County Roads	101
Township Roads	180
Municipality	2
Total	283

ROAD	SLM	GROSS	Posted Bridges					
			2 AXLES	3 AXLES	4 AXLES	5 AXLES	6+ AXLES	
C0023	0234	-	15 T	22 T	24 T	26 T	26 T	
C0027	0044	-	11 T	13 T	14 T	23 T	-	
C0050	0146	30 T	-	-	-	-	-	
C0058	0084	15 T	-	-	-	-	-	
C0058	0551	30 T	-	-	-	-	-	
C0058	0557	30 T	-	-	-	-	-	
C0061	0163	-	15 T	23 T	27 T	30 T	30 T	
C0101	0005	-	14 T	14 T	15 T	16 T	16 T	
C0160	0649	30 T	-	-	-	-	-	
T0028	0136	-	15 T	19 T	20 T	21 T	22 T	
T0091	0002	35 T	-	-	-	-	-	
T0116	0097	-	15 T	23 T	27 T	31 T	33 T	
T0123	0221	-	13 T	14 T	15 T	26 T	-	
T0323	0307	-	15 T	21 T	23 T	39 T	-	
T0332	0141	-	10 T	11 T	12 T	20 T	-	
T0451	0153	-	15 T	23 T	25 T	40 T	-	
T0607	0243	-	15 T	20 T	22 T	23 T	24 T	
T0613	0045	-	15 T	23 T	24 T	27 T	31 T	
T0652	0301	-	13 T	14 T	15 T	16 T	17 T	

2016 Scheduled Bridge Replacement & Rehab		
Road	SLM	Condition
CR 027	0044	4P
CR 058	0084	3P
TR 374	0190	5
TR 607	0243	6P
(*) Indicates Rehab		
(P) Indicates Load Restriction		

2017 EQUIPMENT NEEDS

April 18, 2017

Holmes County Commissioners
2 Court Street, Suite 14
Millersburg, Ohio 44654

Gentlemen:

ORC 5549.01 requires the County Engineer to file written recommendations with Board of County Commissioners on machinery, tools, and equipment that should be purchased for use during the ensuing year and estimated cost thereof.

If funding is available, here is the list of items to be purchased in 2017.

Tag Trailer	\$ 24,000
Flatdeck Trailer (used)	\$ 7,500
Utility Trailer	\$ 5,000
Bridge Forms	<u>\$ 30,000</u>
GRAND TOTAL	\$ 66,500

In addition, the sales of equipment to downsize our existing fleet has netted \$53,000 this year.

Sincerely,
HOLMES COUNTY ENGINEER

Christopher R. Young, P.E., P.S.