

Annual Report

2011

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Every year I sit down to write this report and reflect on the previous years accomplishments and try to anticipate the coming year's needs for Holmes County's infrastructure. In 2008, just prior to the recession, oil/gas prices peaked with gas hovering above \$4 per gallon. (I still believe this kick started the recession). As I write this today oil/gas prices are fast approaching 2008 levels with gas just under \$4 per gallon.

Most of you already know our roads and bridges are funded, not through real estate taxes, but by fuel tax/per gallons sold. This fuel tax does not increase with the cost of the fuel. As oil/gas prices increase we have seen a decrease or flatline of our revenues due to a combination of fuel efficient vehicles or people driving less.

Not only does the cost of oil increase the gas prices, it increases the cost of all the products and materials we use to fix and maintain our roads and bridges. The cost of asphalt, road oil, pipe, steel, and salt have nearly doubled over the past 5 years. This condition of increased costs of fixing and maintaining our infrastructure is unsustainable; not only for Holmes County, but for all County Engineer's in Ohio and the whole country. The latest report card from The American Society of Civil Engineers rates our Country's infrastructure at a "D" and near failing.

So what is the answer to this unsustainable condition? I ask this question to myself almost everyday. If I was an Engineer in any other place I would be very concerned. Don't get me wrong, I am concerned for our future, but I know that given the resilience of the county, the dedication of our employees, and the general "help your neighbor and do the best you can do" mind set of Holmes County, we will prevail in making our infrastructure the best it can be.

At Holmes County Highway Department we have made every effort to become more efficient in our operations by sharing resources including personnel, materials, and services with other County, Township, Village, and State governmental agencies. This is not a new idea, we have done this for many years now and will continue to do so. We have also pursued and will continue to pursue grants from the State and Federal Governments.

It is important, especially in these times, to continue to do our best to serve the public and give a helping hand to others.

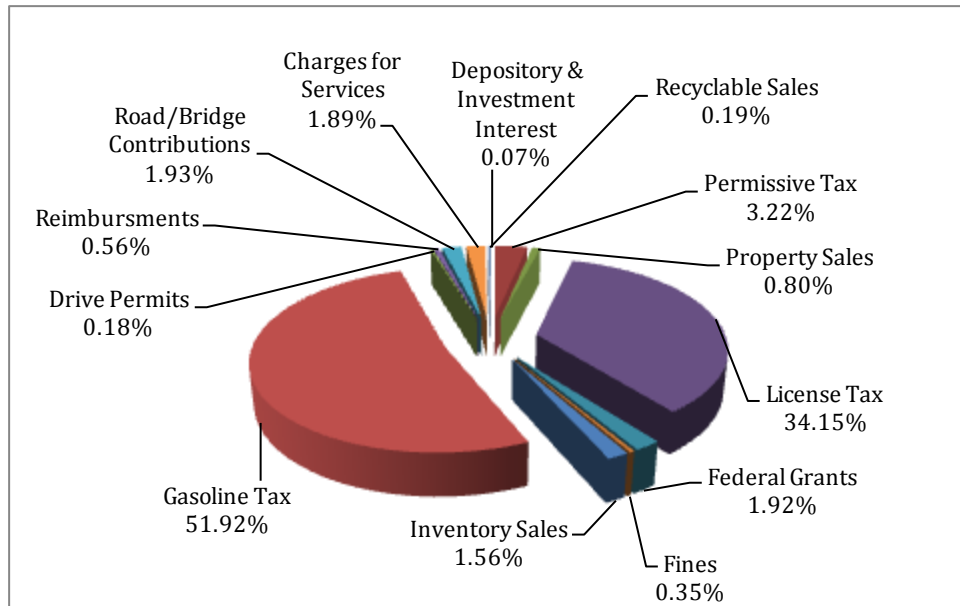
I respectfully submit this annual report required by Ohio Revised Code Ch. 5543.

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

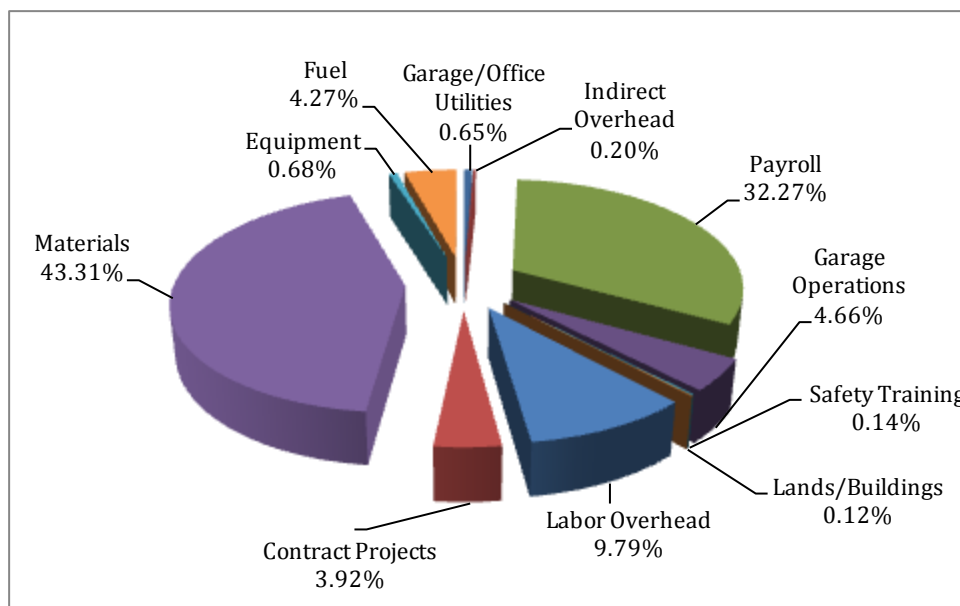
Holmes County Engineer

2011 BUDGET

WHERE THE MONEY COMES FROM



HOW THE MONEY WAS SPENT



2011 ROAD PROJECTS



Intersection CR 292 /TR 90 Sight Improvement



Brush Removal CR 77

2011 Road Projects	Equipment	Labor	Material	Total
Culverts/Catch Basins Install & Repaired	\$29,612.35	\$61,666.07	\$61,134.36	\$152,412.78
Snow/Ice Removal 10-11	\$137,149.40	\$161,587.87	\$229,860.55	\$528,597.82
Ditching	\$101,784.04	\$155,820.23	\$69,100.11	\$326,704.38
Patching	\$92,821.41	\$128,854.81	\$349,694.86	\$571,371.08
Hauling Stock	\$10,460.45	\$6,728.54	\$0.00	\$17,188.99
Berming/Washout Repairs	\$4,380.95	\$6,584.08	\$931.10	\$11,896.13
Mowing & Weed Control	\$73,666.37	\$47,439.95	\$2,638.60	\$123,744.92
Chip and Seal	\$25,771.15	\$21,452.27	\$86,398.89	\$133,622.31
Leveling	\$53,018.50	\$54,247.55	\$454,798.96	\$562,065.01
Brush & Tree Removal	\$13,567.80	\$24,181.29	\$0.00	\$37,749.09
Signage	\$70,211.67	\$50,085.49	\$9,684.58	\$129,981.74
Equipment Moving	\$5,196.88	\$6,818.58	\$0.00	\$12,015.46

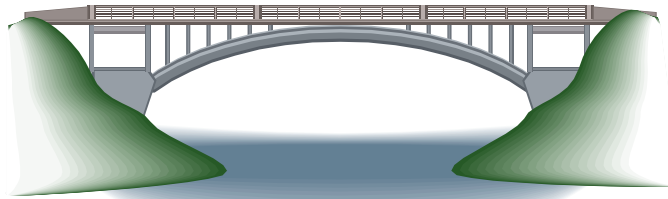


Patching Project



County Road 203 Leveling Project

2011 BRIDGE PROJECTS



CR 203 - 0013
Bridge over Trib. Honey Run

Equipment	\$ 4,473.40
Labor	9,860.28
Material	11,327.38
Total	\$ 25,661.06

CR 203 - 0352
Bridge over Trib. Martins
Creek

Equipment	\$ 2,799.50
Labor	6,050.38
Material	23,117.69
Total	\$ 31,967.57

CR 53-0193
Bridge over Wolf Creek

Equipment	\$ 2,044.05
Labor	3,615.51
Material	15,324.40
Total	\$ 20,983.96

CR 53-0197
Bridge over Wolf Creek

Equipment	\$ 12,369.08
Labor	26,205.00
Material	53,406.85
Total	\$ 91,980.93

TR 513-0235
Bridge over Shreve Creek

Equipment	\$ 10,793.55
Labor	23,702.71
Material	36,349.46
Total	\$ 70,845.72

TR 76-0039
Bridge over Wolf Creek

Equipment	\$ 12,564.00
Labor	32,937.77
Material	24,969.41
Total	\$ 70,471.18

repair/maintenance
bridges

Equipment	\$ 21,015.75
Labor	71,793.21
Material	35,107.99
Total	\$ 127,916.95

2011 GRANT PROJECTS



Guardrail Phase 6

Federal Grant for installation
of 18,025 ft of guardrail:

County Share	\$	0.00
Grant Share	\$	<u>281,384.25</u>
Total Project	\$	281,384.25

Longline Pavement Marking

Federal Grant for installation
of 199.68 mile of centerline:

County Share	\$	2,296.48
Grant Share	\$	<u>121,171.00</u>
Total Project	\$	123,367.48

CEAO Bridge Load Rating

Federal Grant for load rating
of 5 truss bridges:

County Share	\$	4,991.39
Grant Share	\$	<u>19,965.61</u>
Total Project	\$	24,957.00

OPWC - TR 652 Emergency Bridge Replacement

State Emergency Grant for
TR 652 Bridge Replacement:

County Share	\$	11,323.00
Grant Share	\$	<u>101,000.00</u>
Total Project	\$	112,323.00

CEAO Speed Zone Studies

Federal Grant for 9 speed
zones studies:

County Share	\$	900.00
Grant Share	\$	<u>8,100.00</u>
Total Project	\$	9,000.00

2012 BRIDGE SUMMARY

Condition	Bridges
9 - Excellent	14
8 - Very Good	37
7 - Good	80
6 - Satisfactory	97
5 - Fair	35
4 - Poor	15
3 - Serious	2
2 - Critical	0
1 - Imminent Failure	0

Sufficiency Rating	Bridges
100-90	93
90-80	92
80-70	42
70-60	20
60-50	16
50-40	8
<40	9

Road Type	Bridges
County Roads	99
Township Roads	179
Municipality	2
Total	280

Posted Bridges						
ROAD	SLM	GROSS	2F1	3F1	4F1	5C1
C0019	0561	30 T	-	-	-	-
C0022	0861	-	15 T	20 T	22 T	36 T
C0050	0146	30 T	-	-	-	-
C0058	0551	30 T	-	-	-	-
C0058	0557	30 T	-	-	-	-
C0101	0005	-	15 T	16 T	17 T	29 T
C0160	0649	30 T	-	-	-	-
C0207	0006	15 T	-	-	-	-
T0017	0080	-	10 T	11 T	12 T	20 T
T0028	0136	-	15 T	18 T	21 T	34 T
T0029	0157	12 T	-	-	-	-
T0055	0328	-	15 T	19 T	21 T	35 T
T0081	0120	-	12 T	14 T	16 T	24 T
T0091	0002	35 T	-	-	-	-
T0092	0264	-	15 T	17T	19T	31T
T0123	0221	-	15 T	23 T	26 T	40 T
T0155	0046	-	14 T	18 T	20 T	31 T
T0180	0034	8 T	-	-	-	-
T0221	0006	-	13 T	14 T	16 T	26 T
T0323	0307	-	15 T	21 T	23 T	39 T
T0451	0153	28 T	-	-	-	-
T0474	0137	-	15 T	23 T	26 T	40 T
T0506	0231	-	12 T	14 T	15 T	25 T
T0525	0072	-	15 T	18 T	20 T	32 T
T0553	0253	15 T	-	-	-	-
T0607	0243	-	15 T	22 T	24 T	40 T
T0613	0045	-	15 T	23 T	26 T	40 T
T0652	0301	-	14 T	16 T	17 T	29 T

2012 Scheduled Bridge Replacements					
Road	SLM	Condition	Road	SLM	Condition
CR 019	0561	4	TR 092	0264	5
CR 189	0127	4	TR 155	0046	4
CR 189	0226	5	TR 180	0034	3
TR 017	0080	3	TR 406	0238	4
TR 029	0157	4	TR 506	0231	5
TR 081	0120	5	TR 553	0253	4

3/22/2012

2012 EQUIPMENT NEEDS

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.

Here is a list of anticipated items to be purchased from MVE funds in 2012:

Mechanic's Truck at an estimated cost of \$24,000

Bed and Crane at an estimated cost of \$23,000

Miscellaneous Tools (hand tools, mechanic tools, etc.) at an estimated cost of \$5,000

Note: Our current mechanic's truck is a 1981 Ford F100 1/2 ton and it is unsafe to transport some of our larger loads. The new 1 ton mechanic's truck with crane will be able to provide roadside service to all our heavy equipment and will be able to transport the larger loads safely.

Sincerely,

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