

**OFFICE OF THE
LOGAN COUNTY ENGINEER**

**2014 ANNUAL REPORT
2014-2015 ROAD REVIEW**

April 1, 2015



*Scott C. Coleman, P.E., P.S.
Logan County Engineer*



Bridge 174-0.56
over the Onion Ditch



McColly Covered Bridge 13-1.56
over the Great Miami River

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EMPLOYEES OF THE LOGAN COUNTY ENGINEER'S OFFICE

County Engineer

Scott C. Coleman, P.E., P.S.

Engineering Department

Michaela Brunke	Shirley Brunke	Todd Bumgardner
Greg Dappert	Curtis D. Dill, P.S.	Art Harper
Cale Jacobs, P.E.	Michael Kerns	Sam Ragland
Bob Simmons	Denny Stryker	

Map Room

Jayma Burkhammer	Suzie Yoesting
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Highway Department

Matt Archer	Jeremy Burrey	Richard Campbell
Brad Carnes	Mark Hilty	Greg Kennaw
Jason McKee	Joel Miracle	John Spencer
Lisa Stover	TJ Yoder	

Ditch Department

Todd Coleman	Chris Hackley	Kip Jenkins
Bryan LeVan	Jason McKee	Greg Miller
Greg Swonguer	Steve Tracey	Todd Wisse

Bridge Department

Elliott Fullerton	Dan McMillen	Keith Price
Andrew Farris	Luke Jolliff	

Traffic Department

Mark Dearwester	Steve Tracey
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Building Authority

Becky Jolliff	Mike Reffitt
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Logan County Engineer's Office

April 1, 2015

To the Honorable Board of Logan County Commissioners and the Citizens of Logan County:

The following pages contain our Annual Report for 2014. On the back page, the reader will find a breakdown of the road miles, the number of bridges on our system, and the number of signs and culverts that we maintain. Also included in this report is what we accomplished in the year 2014, and what we plan to accomplish in 2015.

This year we resurfaced 20 miles of county highways, chip-sealed 31 miles of county highways, replaced/rehabilitated 5 bridges, repainted 2 steel beam bridges, and replaced 26 culverts. We assisted the Township Trustees with the resurfacing of 20 miles of roads and chip-sealing another 7.7 miles.

Salt bid prices increased dramatically this year from \$47.09 per ton a year ago to \$67.12 per ton for the summer fill-up and \$106.88 for the winter supply. We sold contracts for winter salt supply two times in the fall with the Ohio Department of Transportation and did not receive any bids to supply road salt materials. We finally sold our own contract for road salt in September and received one bid from Cargill, Inc. Due to dramatic increases in cost in the previous five years, we have become more efficient and effective in how we utilize our labor and materials in clearing roadways of snow and ice. We have brine prewetting systems installed on all of our front line trucks to increase our available options for treating roadways. We have implemented the use of Beet Heet® sugar beet molasses for prewetting our salt at the spinner. This product increases our ability to melt ice at lower temperatures. Our overall snow and ice control costs increased 11% for calendar year 2014 over 2013 and were about \$120,000 above our average winter costs of \$ 369,000.

We thank the citizens of Logan County for their continued support of the 1/2% sales tax which allowed us to continue upgrading our transportation infrastructure. Sales tax revenue stayed virtually flat in 2014. Motor vehicle fuel tax revenue increased 2 percent and automobile registration fees increased 1.5 percent in 2014. The Logan County Engineer's Office has been aggressively seeking grant funds to supplement our regular funding and sales tax funding. In 2014, we received a total of \$1,002,186.42 in grant funds. The grants funded sign upgrades, township paving, bridge 21-1.00 design fees, TR 206 widening, bridge 174-0.56, the SR 347/Honda turn lane improvements.

The 1/2% sales tax for roads and bridges generated \$3,001,525.60 in 2014. The County portion totaled \$1,800,915.35 and the Township portion totaled \$480,244.10. The total municipal sales tax collections were \$480,244.11 and is shared among Bellefontaine and the villages based on population. Total sales tax expenditures were \$1,985,431.48 for County projects and \$564,255.40 for Township projects. The County Engineer's Office expended \$4,914.74 in 2014 to develop, administer and perform inspections for the township paving and chip-sealing.

The State of Ohio began talking about shared services in the last few years to reduce costs and improve efficiencies throughout the state. At the Logan County Engineer's Office, we have been implementing shared services for many years and continue to expand them. We have performed roadside mowing, roadside spraying, sign inspections, township sign replacement, painting railroad crossing warnings, setting back mailboxes, roadside ditching, boom mowing of roadside vegetation, small paving projects, roadway shoulder stabilization, and culvert replacements for a few townships and villages. This is a mutually beneficial process where we can save the townships and villages some money and offset some of our labor and equipment costs. We also work with the City of Bellefontaine, villages, townships, County Commissioners, and ODOT for shared material storage.

We have been working with our state legislators for the past several years to develop a long term funding source for Ohio's local roads and bridges. In Logan County, we have been very fortunate that the people of our community have agreed to invest in our local infrastructure in the form of the sales tax for roads and bridges. As shown above, this sales tax generates about three million dollars annually for the county, township, and municipal road and bridge system. This is a shortfall in state funding that many counties in Ohio cannot make up for. Please encourage our Ohio Representatives and Senators that it is the responsibility of the State Legislature to provide adequate highway infrastructure funding for local jurisdictions. This can be accomplished with appropriate user fees, such as; commercial activity tax from motor vehicle fuel sale, vehicle fuel tax, vehicle miles traveled fees, vehicle registration fees or sharing existing state highway funding.

Sincerely,

Scott C. Coleman, P.E., P.S.
Logan County Engineer

The Condition of Our Highway System

Our crews worked diligently to quickly clear snow and ice during the several snow and ice events that we experienced this winter. We again had a fairly long winter with a few extended cold periods. We had a deep frost through the end of February and a very quick thaw in March. This left us with saturated road beds that are highly vulnerable to damage by heavy trucks and equipment. We have seen several roads that have been damaged by heavy vehicles travelling during these times of thaw. We encourage our residents and neighbors to try to reduce loads or delay hauling operations during the wettest weeks of the year. We have also seen areas of frost heaving and pavement cracking due to the cold winter. Overall, our county roads are showing signs of damage through this winter that will require extensive crack sealing work and durapatching. In order to preserve our new pavements as long as possible, we must seal them as soon as we can after resurfacing. This year we will again be able to seal the new resurfacing within weeks after the roads are paved. Results over the past three years indicate that this process has been very cost effective and improves pavement performance.

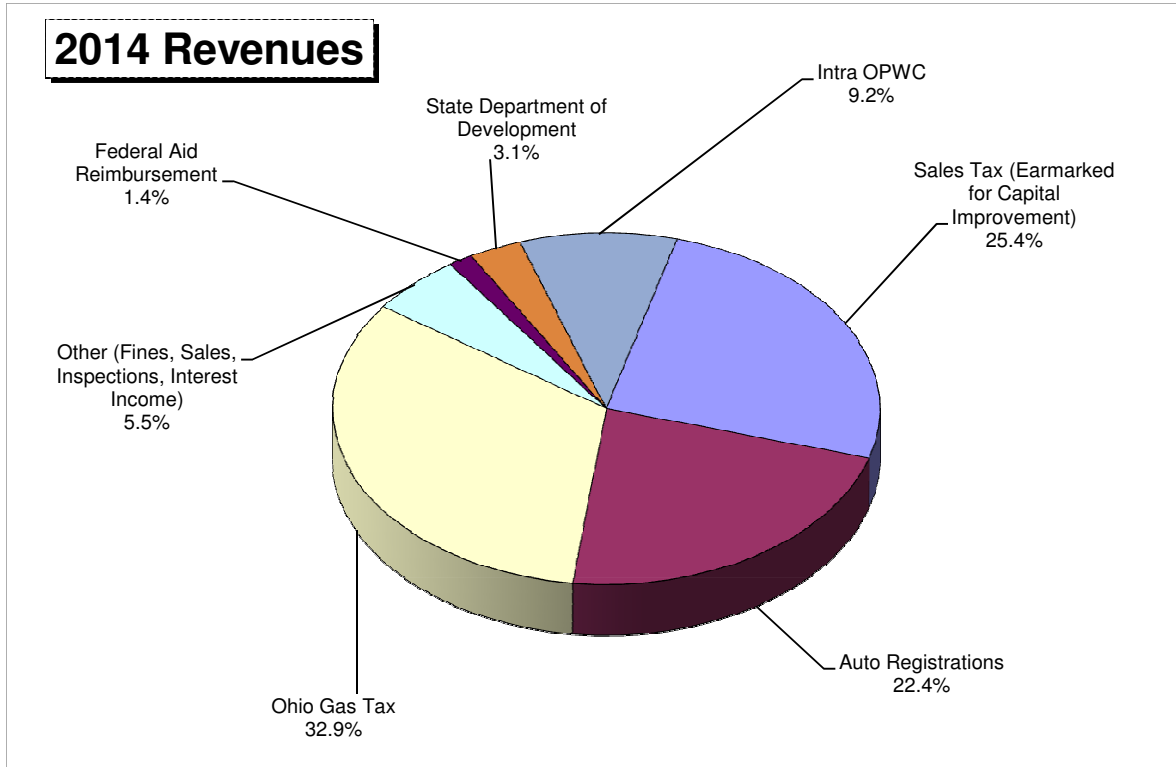
We plan to resurface over 21 miles of roads this year and plan to seal about 32 miles. We have completed the surface course of paving on all county roads and will continue building thickness and strength with this years resurfacing program. From 2003 through 2005, we placed only the intermediate course of pavement on many of the roads that were resurfaced. This process allowed us to repair more miles of very poor pavements each year than we could have if we had applied both courses at the same time. Since 2001 (inclusive), we have repaved over 441 centerline miles on the county highway system. We will also continue our crack sealing program to extend the service life of the roads in the county.

We continue to make strides with our bridge program. With the replacement/rehabilitation of 5 bridges in 2014, we are continuing to upgrade our overall bridge conditions. We have one bridge that has a weight restriction affecting school buses and this structure will be replaced in 2020 with a federal grant. We are excited to report that 2014 is the seventh year in a row that we have entered the year with no bridges that are closed to traffic other than bridges under construction. This has been a goal of the Logan County Engineer's Office for many years and we are very proud to have achieved this goal for the benefit of the traveling public.

There are 7 bridges with posted load restrictions. Thirty bridges are rated a 5 or less and many of the older structures continue to deteriorate as we replace others. Since 2001 (inclusive), we have replaced or performed extensive rehabilitation on 108 structures. Bridge material costs have increased significantly over the last several years. In 2001, we were estimating replacement costs at \$48.00 per square foot of deck area, now we must use at least \$157 per square foot for estimating our bridge program.

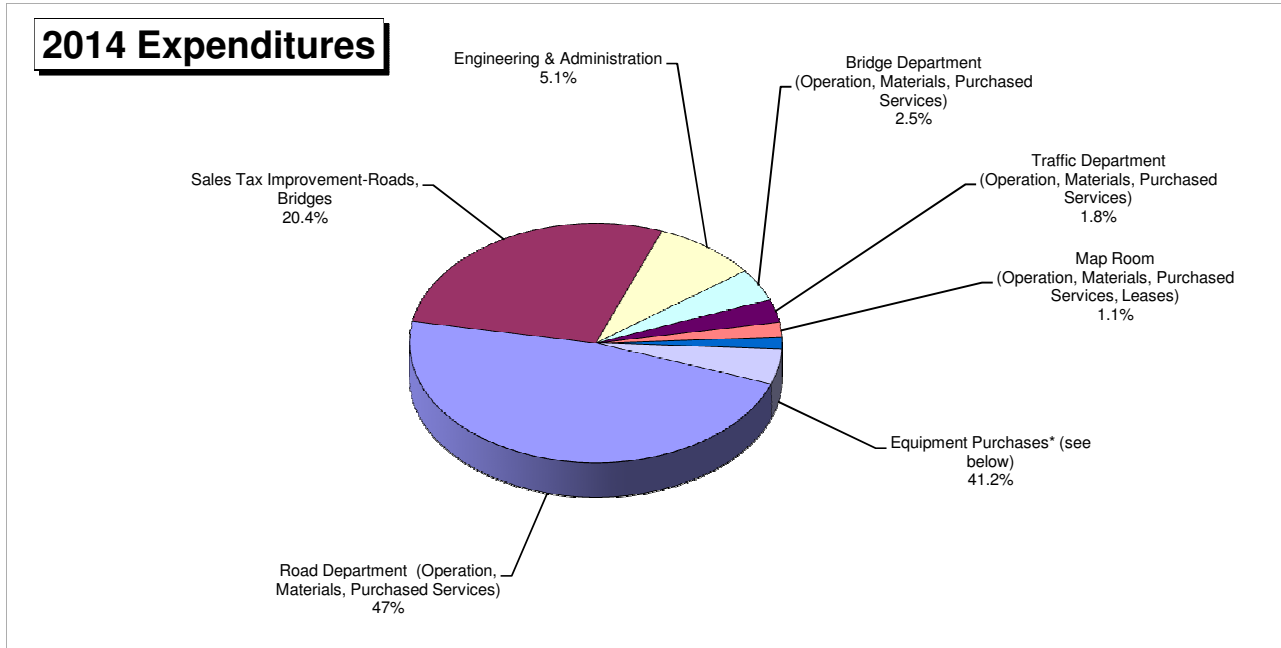
Since the force account limits for projects that we can construct with our own staff were increased in 2003, construction material costs have increased between 44 and 220 percent. We must encourage the state legislature to increase the force account limits for roads and bridges so that we can continue to save the taxpayers' money by constructing road and bridge projects with our own crews. The current force account limits are \$100,000 per bridge and \$30,000 per mile for road construction. Considering the increased construction costs and the fact that there is some debate over the interpretation of the force account legislation, these limits need to be increased to \$300,000 and \$90,000, respectively, with an annual inflation factor.

2014 Revenues		
Sales Tax (Earmarked for Capital Improvement)	25.4%	\$ 1,800,915.35
Auto Registrations	22.4%	\$ 1,588,227.07
Ohio Gas Tax	32.9%	\$ 2,334,893.50
Other (Fines, Sales, Inspections, Interest Income)	5.5%	\$ 390,372.08
Federal Aid Reimbursement	1.4%	\$ 102,421.15
State Department of Development/Honda of America	3.1%	\$ 220,828.00
Ohio Public Works Commission	9.2%	\$ 656,554.85
Belle Center Amish Church Community - Voluntary Contribution	0.1%	\$ 4,525.00
County General Fund	0.0%	\$ 3,200.00
Total		\$ 7,101,937.00



2014 Sales Tax	
County Carryover from 2013	\$ 643,802.94
Township Carryover from 2013	\$ 403,235.69
Income - County 2014	\$ 1,800,915.35
Income - Township 2014	\$ 480,244.10
Expenditures	
Township Sales Tax Resurfacing Program and Chip/Seal	\$ 564,255.40
County Sales Tax Resurfacing Program (including culverts)	
Rejuvenating Sealer	
Bridge 51-4.82 Replacement	
Bridge 24-4.58 Replacement	
Bridge 40-3.11 Replacement	
Bridge 34-4.78 Replacement	\$ 1,985,431.48
2014 County Carryover	\$ 459,286.81
2014 Township Carryover	\$ 319,224.39
Total Carryover	\$ 778,511.20

2014 Expenditures		
Road Department (Operation, Materials, Purchased Services)	47.3%	\$3,372,791.48
Sales Tax Improvement-Roads, Bridges	27.9%	\$ 1,985,431.48
Engineering & Administration	9.0%	\$638,981.05
Bridge Department (Operation, Materials, Purchased Services)	4.4%	\$313,910.03
Traffic Department (Operation, Materials, Purchased Services)	3.1%	\$ 222,580.82
Map Room (Operation, Materials, Purchased Services, Leases)	2.0%	\$142,316.40
Bond Retirement-New Garage	1.6%	\$ 111,200.00
Equipment Purchases* (see below)	4.8%	\$ 339,790.11
Total		\$ 7,127,001.37



*Major Equipment Purchased in 2014		
Nikon NPL Total Station Software	\$	5,490.00
Archer 2 Hand Held Data Collector	\$	3,300.00
New Desktop Computers	\$	1,774.95
New Computer Software	\$	650.00
Versa Boom Mower	\$	48,958.40
Smart traffic counters	\$	3,392.00
8' Superior Broom Used	\$	27,000.00
24" Asphalt milling machine for skid steer	\$	14,298.64
#366 - 108SD Freightliner Truck	\$	128,544.00
Double Flex Wing Rotary Cutter	\$	15,720.54
Stihl 362 Chainsaw	\$	649.00
2005 Used F450 - #302 replacement - Nov 2013 accident	\$	13,500.00
2003 Used Blawnox Paver	\$	40,500.00
#314 Plow and Spreader	\$	9,654.08
#305 2015 F250 Bridge Supt. Pickup	\$	25,123.50
2100 gallon liquid deicer storage tank	\$	1,235.00
Total	\$	339,790.11

2014 ROAD PROGRAM

The Highway Department is responsible for all Force Account projects (non-contract work performed by County Engineer employees), snow and ice control, berm repair, pavement patching, washout repairs, guardrail repair, mowing, and other general/seasonal maintenance of county roads and bridges. This department also works closely with the townships on various maintenance needs on their road systems. The Highway Department was extremely busy in 2014, working ahead for the 2015 road program in addition to their normal maintenance duties. The costs listed include labor (based on hourly wages of workers and all benefits), amortized equipment, and materials (asphalt and berming stone).

Review of Miscellaneous 2014 Expenses				
	Labor	Amortized Equipment	Materials and Contractor Work	Total
Mowing	\$ 63,500.88	\$ 80,121.50	\$ -	\$ 143,622.38
Roadside Spraying	\$ 5,131.28	\$ 2,025.50	\$ 3,209.41	\$ 10,366.19
Hand Patching	\$ 155.60	\$ 62.37	\$ 4.29	\$ 222.26
Durapatching	\$ 8,782.74	\$ 10,505.27	\$ 6,750.86	\$ 26,038.87
Crack Sealing	\$ 27,934.80	\$ 4,249.40	\$ 23,364.00	\$ 55,548.20
Tree & Brush Removal	\$ 50,598.07	\$ 31,014.05	\$ -	\$ 81,612.12
Culvert Repair & Replacement (not related to resurfacing)	\$ 21,673.66	\$ 14,683.89	\$ 23,292.17	\$ 59,649.72
Sign Repair	\$ 4,379.21	\$ 1,290.52	\$ 3,612.22	\$ 9,281.95
Sign Repair (Vandalism)	\$ 1,373.74	\$ 464.31	\$ 1,332.83	\$ 3,170.88
Sign Replacement	\$ 4,190.48	\$ 903.21	\$ 13,392.57	\$ 18,486.26
Snow and Ice Control	\$ 159,229.64	\$ 161,315.85	\$ 166,044.11	\$ 486,589.60

2014 County Paving Program Completed			
ROAD #	Begins	Ends	Total Cost
CR 68	CR 3/Co. Line	SR 706	\$70,340.10
CR 73	Logan/Shelby Co. Line	CR 34	\$151,676.67
CR 74	CR 23	CR 34 N End	\$73,312.33
CR 82	CR 83 S	W. C/L Lakeview	\$24,407.90
CR 83	SR 720	CR 82 E	\$42,558.20
CR 275	CR 87	Closed Bridge	\$21,211.08
CR 55	CR 29	CR 10	\$175,764.54
CR 10	E. C/L Zanesfield	SR 292 E	\$463,667.18
CR 25	CR 5	SR 274	\$396,005.63
CR 26	CR 5	SR 292	\$336,041.68
Grand Total			\$ 1,754,985.31

2014 County Chip and Seal Program Completed						
Road	Begins	Ends	Labor	Equipment	Materials	Total
65	TR 295 W	SR 508 S. Corp. DeGraff	\$ 2,592.55	\$ 1,986.64	\$ 15,915.12	\$ 20,494.31
11	E. Corp. DeGraff	TR 45 E	\$ 3,087.48	\$ 2,371.15	\$ 21,420.13	\$ 26,878.76
11	TR 45 E	CR 43 E				
11	CR 43 E	TR 43 W	\$ 3,262.07	\$ 2,711.99	\$ 42,805.89	\$ 48,779.95
91	CR 54 Lewistown	TR 33 S				
91	TR 33 S	TR 31 S				
91	TR 31 S	TR 31 N				
91	TR 31 N	TR 46 N	\$ 3,011.25	\$ 2,389.47	\$ 25,741.47	\$ 31,142.19
18	SR 508 & TR 18	TR 30				
18	TR 30	TR 45 W	\$ 4,127.66	\$ 3,293.51	\$ 37,322.49	\$ 44,743.66
29	CR 1	TR 179 N				
29	TR 179 N	TR 55	\$ 481.48	\$ 330.70	\$ 3,382.00	\$ 4,194.18
29	TR 55	CR 5 (suspend)				
30	CR 31 S	CR 31 N	\$ 6,858.57	\$ 5,777.67	\$ 65,240.04	\$ 77,876.28
31	Logan/Champaign Co. Line	SR 508				
31	SR 508	TR 30 (suspend)				
31	TR 30 (resume)	TR 45				
31	TR 45	CR 43				
31	CR 43	CR 11	\$ 1,882.06	\$ 1,495.65	\$ 22,159.71	\$ 25,537.42
62	Logan/Champaign Co. Line	Leave Twp. Line				
62	Leave Twp. Line	TR 295 W	\$ 3,845.40	\$ 2,828.01	\$ 32,518.96	\$ 39,192.37
62	TR 295 W	SR 508				
117	CR 142 S	TR 138 N	\$ 5,557.61	\$ 4,426.03	\$ 38,396.42	\$ 48,380.06
117	TR 138 N	TR 138 S				
117	TR 138 S	Union Co. Line				
117	SR 292	CR 142 S	\$ 1,206.63	\$ 980.80	\$ 16,241.15	\$ 18,428.58
121	SR 292 & CR 40 Ridgeway	Penn Central RR				
121	Penn Central RR	TR 138	\$ 3,404.59	\$ 2,521.57	\$ 23,777.57	\$ 29,703.73
121	TR 138	Logan/Union Co. Line				
202	Logan/Champaign Co. Line	SR 508	\$ 909.49	\$ 813.75	\$ 9,889.60	\$ 11,612.84
5	CR 25	CR 2				
5	CR 25	SR 508 (suspend)	\$ 1,830.09	\$ 1,662.60	\$ 24,112.14	\$ 27,604.83
15	CR 44	SR 287 & CR 41				
44	CR 15	TR 160 E	\$ 762.20	\$ 572.60	\$ 6,959.46	\$ 8,294.26
50	CR 12	CR 12 N				
10	Bristle Ridge Hill Only		\$ 1,348.45	\$ 1,046.29	\$ 6,850.45	\$ 9,245.19
Total Chip & Seal Program						\$ 472,108.61

2015 TENTATIVE ROAD PROGRAM

We have reviewed each road on the program for needed culvert replacements, bridge replacements and/or repairs, drainage problems, etc. As of March 1, 2015, the proposed resurfacing and chip-seal programs for the County are as follows:

2015 Proposed County Resurfacing Program					
Road #	Begins	Ends	Road #	Begins	Ends
5	US 68	South Corp. Zanesfield	29	CR 5 (resume)	CR 146
11	TR 32	Bellefontaine Corp. (City)	146	CR 29 W / TR 29 W	CR 153
18	CR 43 W	CR 11 End	200	Railroad	Fountain Plaza Rear Dr
43	CR 11	CR 18			

Note: Some sections of roads may be non-performed in order to stay within budget.

2015 PROPOSED COUNTY CHIP SEAL PROGRAM					
Road #	Begins	Ends	Road #	Begins	Ends
57	US 33	East Bell Drive	2	CR 5	TR 129
57	East Bell Drive	TR 56 N	2	TR 129	SR 292
57	TR 56 N	TR 56 S	2	SR 292	TR 131
57	TR 56 S	CR 49 N	2	TR 131	TR 132
57	CR 49 N	US 68	2	TR 132	CR 142
57	Conrail	CR 9	2	CR 142	Logan/Union Co. Line
21	CR 77 W	TR 78 W	38 Spur	SR 366	CR 38
21	TR 78 W	CR 58	38	SR 366	CR 38 Spur
13	CR 21 Bloomfield Twp	TR 79 E	38	CR 38 Spur	Bickham Bridge
13	TR 79 E	TR 59 S	38	Bickham Bridge	CR 98
13	TR 59 S	TR 247 SW	38	CR 98	CR 96
13	TR 247 SW	SR 235 Enter (suspend)	254	CR 98 / TR 98	CR 38 / TR 38
5	SR 540	SR 47	35	CR 59 (resume)	CR 60
111	CR 101	US 68	35	CR 60	SR 274
54	SR 720	CR 52 W / TR 52 E	98	CR 38	TR 96
54	CR 52 W / TR 52 E	TR 240 E	98	TR 96	CR 254 / TR 98
54	TR 240 E	SR 274	173	CR 5	CR 47
54	SR 274	TR 80 W			
54	TR 80 W	CR 60 SW			

Note: Some sections of roads may be non-performed in order to stay within budget.

2014 BRIDGE PROGRAM

Our Bridge Crew had a great year as they completed many projects that included three bridge replacements. In addition to this, they were busy cleaning, painting, repairing, and replacing other bridges and culverts. The Bridge Crew did all this while also working on snow and ice control when needed. The county has two less bridges in 2015, for after running hydraulic analysis on CR 40-3.11 and CR 2-0.89 it was deemed safe to replace both bridges with smaller culvert structures.

County Road 34-4.78 (Pleasant Twp.): Bridge Replacement
County Road 40-3.11 (Bokes Creek Twp.): Bridge Replacement
Township Road 51-4.82 (Rushcreek Twp.): Bridge Replacement
County Road 2-0.89 (Jefferson Twp.): Bridge Replacement
County Road 24-4.58 (Washington Twp.): Superstructure Replacement
Township Road 32-5.39 (Liberty Twp.): Clean and Paint Steel Beams
Township Road 95-2.25 (Richland Twp.): Clean and Paint Steel Beams

2015 TENTATIVE BRIDGE PROGRAM

The 2015 Bridge Program continues the commitment of prioritizing bridge replacements based on condition. The County infrastructure will continue to be re-evaluated periodically and changes to this program are likely to occur in order to achieve our dedication to repair or replace the structures and highways in the worst condition first.

As of March 2, 2015, the proposed Bridge Program is as follows:

Township Road 160-1.41 (Zane Twp.): Bridge Replacement
County Road 5-4.30 and 5-4.31 (Monroe Twp.): Culvert Extensions
County Road 2-7.80 (Perry Twp.): Culvert Replacement
County Road 20-6.53 (Bokescreek Twp.): Bridge Replacement
County Road 120-1.32 (Bokescreek Twp.): Wingwall Repairs
County Road 11-1.34 (Pleasant Twp.): Bridge Replacement
Township Road 75-0.10 (Pleasant Twp.): Wingwall Installation
Township Road 75-0.80 (Pleasant Twp.): Cleanout and Guardrail
County Road 23-2.74 (Stokes Twp.): Culvert Extension and Wingwall Repairs
Township Road 209-0.18 (Pleasant Twp.): Clean and Paint

ADMINISTRATIVE STAFF SUPPORT

This department manages the overall office functions and budget of the Engineer's Office. Since the cost for construction, materials, and equipment are increasing faster than local revenues, the utilization of alternate funding sources is critical to the office. As such, the department administers the Ohio Public Works Commission's State Capital Improvement Program (SCIP) and the Local Transportation Improvement Program (LTIP) for Logan County. The allocation and accounting of these annual funding sources are a significant function of the Engineer's office.

Other responsibilities of the administrative and support staff are human resources, payroll, purchasing requisitions, billing, word processing, contract administration and cost-tracking. Utilizing our cost-tracking system, all of the costs for the Engineer's Office are logged including the costs for surveying, engineering, administration, road work and construction of bridges. Equipment costs are amortized, while the labor costs include all fringes and benefits. In addition to all of the aforementioned accounting functions, this department also handles daily calls from the public and addresses the questions/problems directly or forwards them to the appropriate person.

DESIGN/ENGINEERING

This department performs the engineering design for approximately 95% of the construction projects and directs specialized consultants for the engineering design of the remaining projects. Most of the staff design is done with a Computer Aided Design and Drafting (CADD) system. This department also oversees much of the administrative responsibilities.

TRAFFIC DEPARTMENT

The Traffic Department is responsible for the maintenance of all road signs on county roads and bridge signs on township roads. Road signs now number 6,553. The maintenance of these signs includes installation, preservation and inspection. As part of the inspection process, we look for reflectivity, wind damage, vandalism and overall visibility. Repairing mailboxes damaged during snow removal operations is another part of the Traffic Department's responsibilities along with signing for road closure detours. The Routemarkers' main duty is to keep traffic moving safely and to keep the traveling public informed.

COURTHOUSE DUTIES

It is the responsibility of the Map Room to maintain all of the county tax maps which provides the County Auditor with an accurate tax base for each parcel. This includes creating new property splits, assigning new parcel numbers and adjusting property lines and acreages as reflected from new surveys. Both digital and shape file updates are performed regularly to keep the maps as current as possible. Along with these duties, the Map Room assists the various needs of surveyors, attorneys, realtors, other governmental agencies and the public, assigns and maintains the house numbering system for the unincorporated areas of the county, reviews new surveys and approves descriptions on legal documents.

In 2014, the Map Room Staff checked legal descriptions on 2,522 real estate documents. . There were 1986 deeds, 356 Affidavits, 89 Certificates of Transfer, 35 easements and 56 land contracts. Additionally, 1 condominium plat, 1 street dedication and 1 annexation plat were approved and recorded. New property splits totaled 128 for the year with 79 documents being new surveys.

Surveyors submitted 286 new legal descriptions that were reviewed, approved, scanned and filed by the Map Room personnel. In addition, 29 new house numbers were assigned in 2014.

The records of the Map Room can be found on the Logan County Engineer's Office website at <http://loganco.co.logan.oh.us/engineer/>.

BUILDING AUTHORITY

This year's revenue was up by 2.6%, even with a 11% drop in permits issued. This relationship is seen in the average new home valuation increase of 12% to the decrease in permits. Total improvement valuation was up 9%. Expenditures were also up slightly due to the extra money paid out to Contract Services for our back-up inspectors last spring. This still left us with a 30% margin of revenue over expenditures for 2014. New home permits were up by 11% while all other permits were down by the same 11%.

During the first 10 years of operation, September 1989 to December 1998, the department ran in the red with a total – 16.4% deficit. Since then, we have operated with a 12.8% profit. This has brought us to totals of \$2,772,233.35 in revenue and \$2,565,410.15 in expenditures since 1989. This has resulted in a surplus of \$206,823.20 being added to the General Fund showing the department running in the black at 8.1% above expenses. This all being done as a Certified Residential Department. Starting in February 2015, the Building Authority will be back under the Commissioners administration and they are planning to make application to the State of Ohio Board of Building Standards to become a Certified Commercial Department. Once certification is granted, commercial approvals and inspections would come through this office instead of the State of Ohio. To help in this transition, the Commissioners have hired Dana Booghier as Director of the Building Authority. Dana comes from a long background of commercial department set-up and work experience which includes both Clark and Champaign Counties. Knowing Dana for some time, I'm sure you'll make him feel welcome and I hope you'll encourage the Commissioners success in their Commercial Department Application endeavor.

Revenue			
	2014	2013	% of Change
Permit Revenue	\$ 101,525.00	\$ 97,400.00	4.2%
Contractor Registrations	\$ 18,750.00	\$ 17,000.00	10.3%
Reinspect Fees	\$ 1,250.00	\$ 600.00	108.3%
Application Fees	\$ 10,125.00	\$ 11,325.00	-10.6%
Additional Permit Fees	\$ -	\$ 2,150.00	-100.0%
Miscellaneous	\$ 231.75	\$ 75.48	207.0%
State Assessment Fee 1%	\$ 1,127.75	\$ 1,074.50	5.0%
Total Revenue	\$ 133,009.50	\$ 129,624.98	2.6%

Expenditures			
	2014	2013	% of Change
Total Salaries	\$ 66,848.54	\$ 69,698.78	-4.1%
PERS, W/C & Medicare	\$ 11,641.90	\$ 11,215.08	3.8%
Supplies	\$ 343.00	\$ 1,113.35	-69.2%
Contract Services	\$ 16,473.87	\$ 9,985.08	65.0%
Contract Repair	\$ 1,505.84	\$ 2,834.92	-46.9%
Equipment Lease	\$ 2,753.49	\$ 2,790.29	-1.3%
Contract Training	\$ 1,593.48	\$ 1,621.04	-1.7%
Other Expenses	\$ -	\$ 124.80	-100.0%
State Administrative Fee 1%	\$ 1,127.75	\$ 1,075.00	4.9%
Equipment	\$0.00	\$0.00	0%
Total Expenditures	\$ 102,287.87	\$ 100,458.34	1.8%

Permits Issued			
	2014	2013	% of Change
Total of New Homes	59	53	11.3%
Total of New Mfg. Homes (piers only)	2	7	-71.4%
Total of "Other" Permits	338	390	-13.3%
Total All New Dwellings	61	60	1.7%
Total Flood Plain Permits	2	2	0.0%
Total of All Permits	399	450	-11.3%

Inspections			
	2014	2013	% of Change
Building/Structural	633	651	-2.8%
Electrical Inspections	450	524	-14.1%
HVAC Inspections	191	185	3%
Special	1	1	0%
Total Inspections*	1,275	1,361	-6.3%

* Includes Re-inspections

Home Valuation			
	2014	2013	% of Change
New Construction Valuation	\$ 15,688,129	\$ 14,442,426	8.6%
Total for New Homes	\$ 10,773,257	\$ 9,643,579	11.7%
Total for all Mfg. Homes (piers only)	\$ 13,000	\$ 50,000	-74.0%
Total for all "Other" Permits	\$ 4,901,872	\$ 4,748,847	3.2%
Avg. Valuation Per Home	\$ 185,598	\$ 175,338	5.9%

MOTOR VEHICLE REGISTRATIONS

Vehicle registration fees are a significant source of revenue for the Engineer's Office.

2014 Logan County, Ohio Motor Vehicles Registrations			
	2014	2013	2012
Type of Registration	# of Units	# of Units	# of Units
Passenger Cars	35,314	34,749	34,175
Motor Homes	312	311	319
Motorcycles	2,560	2,647	2,658
House Vehicles	908	842	802
Mopeds	15	15	16
Non-Commercial Trailers	5,593	5,417	5,419
Non-Commercial Trucks	10,637	10,687	10,563
Farm Truck	377	373	372
Buses	48	44	49
Commercial Trailers	2,075	1,819	1,770
Non IRP Trucks (Intl. Reg. Plan)	1,793	1,800	1,741
IRP Trucks (Intl. Reg. Plan)	249	160	126
Total Vehicle Registrations in 2014	59,881	58,864	58,010

SOURCE: State of Ohio, Bureau of Motor Vehicles

The Office of the Logan County Engineer

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EXECUTIVE SUMMARY

368.449 Miles of County Road

As of 12/31/14

297 Bridges

7 Have Load Reductions Posted

2 Have a Sufficiency Rating Less Than 50%

6,553 Traffic Signs

1,645 Culverts

Excellent/Good Condition - 1,482

Fair/Poor/Unknown Condition - 163