



# The Orange Brigade



Winter/Spring 2005

Logan County Highway Department

Volume 30



## Coleman's Comments

The County Engineer's Office has had another busy year. This year we resurfaced 41 miles of county highways, sealed 76 miles of county highways, replaced 8 bridges, one large box culvert, and more than 100 culverts. We have also assisted the Township Trustees with the resurfacing of 19.9 miles and chip-sealing of 20.76 miles of roads with a combination of sales tax and the Townships' own funds.

We have spent \$324,038.06 on snow and ice control during this winter season. This includes 1,772.25 hours of overtime and 5,294.85 tons of grit. The most notable storm event this winter has been the January ice storm. This storm left many homes and businesses without electricity for up to a week or more. Our facilities were operated on backup generators for five days. Fortunately, the community came together to provide shelters and the power companies worked long hours to restore service. The debris that was left behind by the storm has been a tremendous impediment for all of the communities and local government agencies to contend with. To date, we have spent more than \$88,513 and 2,605 hours on debris removal. We hope to have most of the debris removed by May so that we can begin our mowing and chip-sealing operations.

The Map Room and the Building Authority have been very busy this year as well. The Logan County Building Authority issued 406 permits this year, of which, 226 were new dwellings. They also performed a total of 3,765 inspections in 2004. New home valuations totaled \$28,221,766.00. The Map Room processed 450

new parcel splits and over 2,700 deeds.

The road and bridges sales tax income for 2004 was \$2,366,634.37. Of those funds, 13.5 percent, or \$319,495.64, will be provided for township roads and bridges in 2005.

For 2005, we have scheduled 45 miles for asphalt resurfacing and are planning an aggressive chip-seal program to preserve the roads that have been resurfaced recently. The resurfacing program is estimated to cost \$2,231,770, which includes a grant of \$684,876.20 from the Ohio Public Works Commission (Issue 2 program). We plan to chip-seal 68 miles with county crews at an estimated cost of \$234,329. We will also be repairing a few of the roads that experienced material failure after they were chip-sealed last year.

The bridge crew replaced 9 structures in 2004. They will continue to work diligently to replace the 9 bridges and complete the maintenance work that is scheduled for 2005.

The traffic department will be busy overseeing pavement markings, replacing damaged or vandalized signs, installing road construction signage, repairing barricades and high water signage, and maintaining the sign inventory.

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## THE CONDITION OF OUR HIGHWAY SYSTEM

We have been busy this winter trying to keep the highways clear of snow and ice, as well as cleaning debris caused by the ice storm. Our crews will continue to chip the cut limbs that are remaining in the side ditches well into May. The extensive debris removal combined with snow and ice control has slowed our culvert replacements that we do in advance of the resurfacing program.

Generally speaking, our roads have weathered the winter fairly well, but we continue to see the need to seal our new pavements as soon as possible after resurfacing. Several transportation agencies have started sealing new asphalt immediately after the hot mix paver has left the jobsite.

We have planned 45 miles of resurfacing with asphalt concrete and expect to seal about 68 miles. We still have 56 miles of county highways that are rated in poor condition. This is a reduction from 142 miles of poor pavement in 2001.

We are continuing to make strides with our bridge program. With the replacement of 9 bridges and large culverts in 2004, we are continuing to upgrade our overall bridge conditions. This year's bridge replacement schedule will reopen 3 bridges that have been closed for several years and 5 bridges that school buses are currently unable to cross due to weight restrictions.

### EXECUTIVE SUMMARY

373.26 Miles of County Road  
Excellent/Good Condition - 274 Miles  
Fair/Poor Condition - 99 Miles

300 Bridges  
48 Have Load Reductions Posted  
43 Have a Sufficiency Rating Less Than 50%  
6 are Closed

1,559 Culverts  
Excellent/Good Condition - 1383  
Fair/Poor/Unknown Condition - 176

7,032 Signs

### 2004 REVENUES

Sales Tax (Earmarked for Capital Improvement)	37%	\$2,366,634.37
Auto Registrations	25%	\$1,580,133.36
Ohio Gas Tax	30%	\$1,867,715.87
Other (Fines, Sales, Inspections)	3%	\$ 190,548.36
General Fund	4%	\$ 260,000.00
Solid Waste Funds	1%	\$ 50,000.00
<b>TOTAL</b>		<b>\$6,315,031.96</b>

### 2004 EXPENDITURES

Road Department (Operation, Materials, Purchased Services)	36%	\$2,308,123.24
Sales Tax Improvements (Roads, Bridges & Townships)	37%	\$2,343,451.29
Engineering and Administration	10%	\$ 660,172.19
Bridge Department (Operation, Materials, Purchased Services)	6%	\$ 376,920.72
Traffic Department (Operation, Materials, Purchased Services)	4%	\$ 260,410.84
Map Room (Operation, Materials, Purchased Services, Leases)	2%	\$ 123,916.70
Bond Retirement (New Garage)	2%	\$ 115,077.38
Equipment Purchases	2%	\$ 157,182.18
<b>TOTAL</b>		<b>\$6,345,254.54</b>

### 2005 BRIDGE PROGRAM

In the 2001 renewal of the sales tax for roads and bridges, the priority was based on condition. Therefore, the 2005 Bridge Program continues the commitment of prioritizing bridge replacement based on condition. The County infrastructure will be re-evaluated periodically and changes to this program are likely to occur in order to achieve our commitment to repair or replace the structures and highways in the worst condition first.

As of March 24, 2005, the proposed Bridge Program is as follows:

Township Road 56-5.79 Bridge Replacement  
Township Road 76-1.27 Bridge Replacement  
Township Road 49-5.64 Bridge Replacement  
Township Road 33-2.66 Bridge Replacement  
Township Road 46-4.31 Bridge Replacement  
County Road 88-1.27 Bridge Replacement  
Township Road 85-0.26 Bridge Replacement  
Township Road 35-4.24 Bridge Replacement  
County Road 124-0.43 Bridge Replacement

## 2005 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 24, 2005, the proposed resurfacing and chip-seal programs for the County are as follows:

<b>2005 Proposed County Resurfacing Program</b>		
<b>ROAD #</b>	<b>Begins</b>	<b>Ends</b>
12	TR 115 NORTH	SR 292 END
20	CH 12	LOGAN-UNION CO LINE
48	CH 12	LOGAN-UNION CO LINE
50	CR 12 Lt.	SR 292
125	SR 47	LOGAN-UNION CO LINE
3	CH 4 SHELBY CO LINE	END OF LOGAN CO MAINT
10	SR 292 (resume)	CH 154
91	CH 54 LEWISTOWN	CH 130 END
119	SR 292	CH 120
120	CH 26	CH 48 END
277	LOGAN-UNION CO LINE	CH 44 SOUTHWEST
12	CH 50 (resume)	TR 115 NORTH
15	CH 44	SR 287 & CH 41
44	CR 15	TR 160
158	SR 559	SR 287
4	RR Crossing	Center Miami River
37	CR 61 Lewistown	CR 39
39	TR 56 Pvt Change	SR 274
49	CR 105	CR 39
64	Campaign Co. Line	CR 63
222	Huntsville ECL	CR 39
153	CH 277	UNION CO LINE
265	SR 274	CR 12

<b>2005 Proposed County Chip Seal Program</b>		
<b>Road #</b>	<b>Begins</b>	<b>Ends</b>
35	SR 235	SR 47
18	TR 45 WEST	CH 11 END
9	SR 47	RUSHSYLVANIA SOUTH CORP.
25	CH 9	SR 47
31	SR 508	CH 11
8	SR 540	SR 47 CH 142 WEST MANSFIELD CORP
26	CH 5	SR 292
50	CH 5 & TR 110 NORTH	CH 12 NORTH
118	CH 9	CH 20 NORTH
20	CH 118 RUSHCREEK TOWNSHIP	CH 12
39	TR 100 W (MCA. & RIC. LINE)	S. CORP LINE BELLE CENTER
49	CH 57	SR 274
97	CH 39 NEW RICHLAND	CH 96 WEST
52	SHELBY COUNTY	CH 54
53	SR 274	CH 52 END
87	TR 84 SOUTH	TR 83 SOUTH
91	SR 235	CH 54 LEWISTOWN
96	SR 117	CH 97 NEW RICHLAND
106	BELLE CENTER CORP LINE	LOGAN-HARDIN CO LINE
111	US 68	CH 112 SOUTH TR 112 NORTH
113	US 68	WEST CORP RUSHSYLVANIA
225	SHELBY-LOGAN CO LINE	CH 23

## Employee Birthdays

### January

Jackie Norviel  
Harvey Grimes  
George Coleman

### February

Michael Reffitt  
Jayma Burkhammer  
Carolyn Grimes

### March

John Spencer, IV  
Michaela Brunke  
John Berry  
Samuel Ragland

### April

James Houchin  
Mark Hilty

### April

Bob Simmons  
Suzie Yoesting

### May

James Logan  
Dianne Gauder  
Clyde Ball  
Dan McMillen  
Shirley Brunke  
Joel Miracle  
Scott Coleman

### June

Curt Dill  
John Cummins  
Bob Schrader  
Keith Price

## Work Anniversaries

### January

Ron Hanson - 16 Years  
Greg Dappert - 1 Year  
Bob Simmons - 12 Years  
John Spencer, IV - 7 Years

### February

Jackie Norviel - 26 Years  
Shane Long - 8 Years  
Keith Price - 8 Years  
James Logan - 8 Years  
Kristin Knight - 4 Years

### March

Clyde Ball - 33 Years  
Butch Banning - 23 Years  
Dianne Gauder - 2 Years

### April

Bob Smith - 18 Years  
Shirley Brunke - 23 Years  
George Coleman - 18 Years  
Jayma Burkhammer - 6 years

### May

Curt Dill - 26 Years  
Dick Cooksey - 16 Years  
Suzie Yoesting - 11 Years  
Dennis Stryker - 7 Years

### June

James Houchin - 6 Years  
Larry Strayer - 30 Years  
Bob Schrader - 30 Years  
Larry Artis - 18 Years  
Todd Coleman - 8 Years

### Notice to Employees - Direct Deposit Available

If you wish to enroll in the Direct Deposit Program, forms are available from the Personnel Specialist, Dianne Gauder. There are still two enrollment times available during 2005.

<i>Deadline for Form</i>	<i>Effective Date</i>
05/20/05	07/01/05
08/19/05	10/01/05

### Recent Retirements

**Ron George - 49 Years**  
**Barbara Springer - 16 Years**

***"Best wishes in your retirement!"***

**Logan County Engineer**  
**Scott C. Coleman, P.E., P.S.**  
1991 CR 13  
P.O. Box 427  
Bellefontaine, OH 43311

*Please circulate this in your offices.*  
*Thank You!*



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