



# The Orange Brigade



Summer/Fall 2004

Logan County Highway Department

Volume 29



## Coleman's Comments

It is July and we are well into our construction season. Our Traffic Department has inspected signs for reflectivity and replaced signs as needed. They have been moving ahead of the Highway Department and contractors to place appropriate construction signage and barricades. They have begun traffic counts for all county roads and bridges this year.

The Highway and Ditch Departments have been busy spraying and mowing ditches and roadsides to control growth and provide for adequate sight distance. They have been cleaning and repairing tiles and will be trimming and spraying around signs and guardrail throughout the summer. We have been replacing culverts in advance of the resurfacing projects, grading roadside ditches, trimming brush, and chip-sealing roads.

The Bridge Crew has replaced four structures so far this year. Two of these structures had been closed to traffic prior to replacement and one other could not be crossed by school buses. They are currently replacing a structure on Township Road 157 in Zane Township. After that, we plan to move to County Road 2 for the emergency replacement of a culvert that was destroyed by a combination of flooding and detoured traffic during the closure of State Route 292.

Our office staff has been very busy preparing plans and bid documents for these projects as well as the contract services that we have bid this year. We have prepared such documents for County Resurfacing, Township Resurfacing, County and Township Chip-Seal, County Asphalt Rejuvenation, County and Township Pavement Markings, and the Buckeye Avenue Reconstruction Project. We have been working on developing a plan to remove log jams and debris from the Great Miami River with the County Commissioners, the Soil and Water Conservation District, and concerned citizens. We have been addressing several flooding concerns with villages and private property owners due to heavy rains that we experienced in June. We have reviewed several subdivision plats and stormwater and erosion control plans for developments.

This year we will be completing a very aggressive sealing program on the county highway system. We will complete

nearly 77.5 miles of sealing this year. Most of this work will be completed by the County Highway Department utilizing chip-seal with hot tar and stone chip surface. This seals the surface of aged asphalt to protect the roadway from water penetration which will help us to extend the pavement life. The stone chips provide friction for vehicle control and braking. Immediately after the application of new chip seal, loose stone and dust will be present. We encourage drivers to slow their travel speed and use caution until the loose stone has been removed by traffic and sweeping. Motorcycles require additional caution when traveling on recently sealed roads. We encourage drivers to report any areas of excessive loose stone so that we can schedule sweeping as soon as possible.

We are using two new products for a portion of our sealing program this year. They are asphalt rejuvenators and they are designed to reintroduce oils into the asphalt that are lost due to the manufacturing process of hot mix asphalt and aging of the pavement. These oils and resins are designed to return flexibility to the pavement and help reduce cracking, which will help us extend the pavement life. One product is Reclaimite which has been applied to CR 11, 32, 130, and a small test strip on CR 2 by Pavement Technologies, Inc. The other product is Soy Seal, a soybean based product, which will be applied to CR 66 and a small test strip on CR 2 by Freisthler Paving, Inc. We will be monitoring the performance of these products over the next several years.

The Map Room and the Building Authority have also been very busy with their normal activities. I encourage everyone to visit our fair booth in the Merchants Building at the Logan County Fair for additional information regarding this years projects.

I would like to note that we have been unable to update our website for some time due to a change of internet service providers and lightning damage that we have experienced. We are still attempting to correct these problems and will be updating our site as soon as possible and ask for your patience during the interim.

### Inside this Edition

Coleman's Comments	1
2004 Road & Bridge Programs	2
New Equipment	2
Message from Garage Crews	3
College Interns	3
Anniversaries and Birthdays	4

## 2004 ROAD PROGRAM

We have been hard at work already this year planning for next years' road program. We have reviewed each road on the program for needed culvert replacements, bridge replacements and/or repairs, drainage problems, where widening is needed, etc.

As of March 24, 2004, the road program is as follows:

- County Road 28 from CR 168 to CR 29
- County Road 34 from CR 74 to CR 59
- County Road 144 from CR 144A to CR 152
- County Road 171 from SR 245 to CR 28
- County Road 187 from TR 7 to SR 508
- County Road 202 from TR 263 to SR 508
- County Road 2 from CR 5 to Union Co. Line
- County Road 14 from CR 189 to SR 508
- County Road 97 from CR 96 to SR 273
- County Road 117 from SR 292 to Union Co. Line
- County Road 121 from SR 292 to Union Co. Line
- County Road 68 from Champaign County Line to SR 706
- County Road 118 from CR 20 to CR 5
- County Road 18 from SR 508 to TR 45
- County Road 173 from CR 5 to CR 47
- County Road 189 from West Liberty Corp. to SR 68
- Sunrise Estates

## 2004 BRIDGE PROGRAM

In the renewing of the sales tax for roads and bridges, the priority is based on condition. Therefore, the 2004 bridge program continues the commitment of prioritizing bridge replacements 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, 2004, the bridge program is as follows:

- BRIDGE 96-2.70
- BRIDGE 94-1.40
- CULVERT 179-1.679
- BRIDGE 116-0.55
- BRIDGE 157-0.91
- BRIDGE 35-2.97
- BRIDGE 76-1.27
- BRIDGE 20-6.01
- BRIDGE 107-0.94
- BRIDGE 56-5.79
- BRIDGE 49-5.64

## 2004 NEW EQUIPMENT PURCHASES

### 2005 International Dump Truck

This new addition to our Garage Fleet is a 7400 model with a 245 HP diesel engine and an automatic transmission. The truck is equipped with a Gledhill snow plow, Rexroth central hydraulic system, Swenson sander, and a Godwin-Galion 10' galvanized bed. We purchased this truck on the State Bid to ensure the best use of tax dollars.

PHOTO

### 2005 International Bridge Truck

Our Bridge Crew has anxiously awaited arrival of their new Diamond Spec. Model 4300 truck with a 210 HP diesel engine and a 6-speed manual transmission. The truck was specially equipped with an Alum-Line special service body and Autocrane Telescopic Crane. This truck was also purchased on the State Bid for cost savings.

PHOTO

## From the Editor

Thank you to the following employees for contributing articles and information for this issue: Scott Coleman, John Berry and.

Editor-in-Chief:  
Dianne M. Gauder



## A MESSAGE FROM OUR HIGHWAY GARAGE CREWS

### Work Zone Safety



Many times our job requires us to use a rolling type flagging operation. This means the work area is always on the move. As you travel through this area be aware of traffic that sometimes enters from private drives. This can be dangerous if they enter your lane. So always be prepared to stop and travel at a safe speed. Once clear of the work area, proceed in the proper lane as directed by the flagger.

Heed warning signs such as one lane road and workers ahead signs. Be prepared to slow down or stop. Also, watch for loose stone or other obstacles. Do not drive in fresh laid tar. Besides getting it all over your car, it is very slippery and you could lose control of your vehicle.

Watch out for tractors mowing the road ditches. They have to enter the roadway many times to go around signs, mailboxes and other obstacles, while watching out for holes or other hazards in the ditches. They could possibly not see you. After all, they are only human and we have to watch out for each other and do everything we can to keep each other safe. Be on the look out for flying objects that come out from under the mowers. Sometimes they land on the road, so give them some room when passing.

Just be patient and prepared and travel at a safe speed and all should be fine.

Contributed by:  
Jackie Norviel  
Highway Worker III



Please be  
careful.  
My Dad  
works  
here!

## SEVEN COLLEGE INTERNS HAVE JOINED OUR FORCES FOR THE SUMMER SEASON

The Logan County Engineer's Office is pleased to offer temporary summer employment opportunities to college students in our community. These men and women assist our crews with duties such as paving operations, flagging, mowing and weed control, sign placement, traffic count studies, and bridge construction.

We appreciate their assistance and wish them well in all of their endeavors.

**Brandon Davis of Bellefontaine** is enrolled at Edison Community College and is majoring in Business and Marketing. Brandon has been assigned to the Traffic Department. This is Brandon's first year with us.

**Jeremy Davis of DeGraff** has returned for his second year of summer employment. He is majoring in Civil Engineering and is attending the University of Cincinnati. Jeremy has been working with the Bridge Department this year.

**Adam Hannah of Bellefontaine** is enrolled at the Ohio State University-Lima and will be studying Family Consumer Science. This is his first year working with us and he is assisting in the Traffic Department.

**Chad Mouser of Ridgeway** is working his first year with the Highway Department. He is attending the University of Findlay and studying Technology Management/Computer Science.

**Stephen "Brad" Ruble of Rushsylvania** is a student at the University of Findlay and majoring in Business. This is his first year and he is assisting in the Highway Department.

**Gina Schneider of Bellefontaine** is assigned to the Highway Department and is working her first year here. She is enrolled at Ohio Dominican University and is studying Psychology.

**Rocky Swonguer of Lewistown** is working his second year with the Highway Department assigned with the Ditch Maintenance Crew. He is attending the University of Northwestern Ohio and enrolled in the Information Systems Technology program.

## Upcoming Birthdays

### July

Larry Strayer  
Dennis Grogan

### August

Robert "Bob" Smith  
Larry Artis  
Jeremy Burrey  
Jon Hines

### September

Charles "Ron" Hanson  
Rick Archer

### October

Shane Long  
Denny Stryker  
Brian "Todd" Coleman

### November

Ron George  
Greg Swonguer  
Nick Sanders  
Greg Dappert  
Charles "Butch" Banning

### December

Mark Dearwester  
Richard "Dick" Cooksey  
Rebecca Jolliff  
Kristin Knight

## Upcoming Work Anniversaries

### July

Carolyn Grimes – 3 Years  
Mike Reffitt – 7 Years  
Dennis Grogan – 1 Year  
John Berry – 22 Years

### September

Ron George – 49 Years  
Rick Archer – 20 Years  
Scott Coleman – 11 Years  
Rebecca Jolliff – 15 Years  
Dan McMillen – 11 Years

### October

Barb Springer – 15 Years  
Jon Hines – 17 Years  
Mark Dearwester – 2 Years  
Joel Miracle – 1 Year  
Greg Swonguer – 2 Years  
Jeremy Burrey – 1 Year

### November

Harvey Grimes – 14 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 is still one enrollment time available during 2004.

*Deadline for Form*  
08/20/04

*Effective Date*  
10/01/04

### *Special Delivery...*

**We are pleased to announce the birth of twin sons to Kristin Knight, Assistant Engineer. Congratulations, Kristin, Nate, and big brother, Sam! Our best wishes to the Knight Family.**

### 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.  
Thanks!*

