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**MEMO**

**To:** Greene County Board of Commissioners  
**From:** Bob Geyer  
**Subject:** 2011 Road and Bridge Program  
**Date:** January 26, 2011

**I. Highway Department**

A.	Pavement Maintenance (Material Only)		
1.	Patching Pavement (as required)	\$ 2,500.00	
2.	Crown Corrections (Miscellaneous)	2,500.00	
3.	Full-Depth Repairs	15,000.00	
4.	Sealing Cracks and Joints	15,000.00	
5.	Berming	<u>80,000.00</u>	
	<b>Total Pavement Maintenance:</b>	.....	<b>\$115,000.00</b>
B.	General Highway Maintenance (Material Only)		
1.	Repair and Cleaning of Culverts	\$ 90,000.00	
2.	Right of Way Maintenance (Remove Brush, Fence, Etc.)	5,000.00	
3.	Roadside Ditch Maintenance	<u>3,500.00</u>	
	<b>Total General Highway Maintenance:</b>	.....	<b>\$ 98,500.00</b>
C.	Mowing and Weed Maintenance:	\$100,000.00	
D.	Snow and Ice Control (Material Only):	<u>\$500,000.00</u>	
	<b>Total Mowing and Snow and Ice:</b>	.....	<b>\$600,000.00</b>
	<b>TOTAL HIGHWAY MAINTENANCE (MATERIAL)</b>	.....	<b>\$813,500.00</b>
E.	Highway Department Maintenance, Labor & Fringes	.....	<b>\$1,873,042.00</b>
	<b>GRAND TOTAL - HIGHWAY MAINTENANCE I</b>	.....	<b>\$2,686,542.00</b>

Continued...

**II. Highway Construction**

A. Construction by Force Account:	
1. Guardrail Repair and Replacement	\$ 15,000.00
2. Irvin/Jamestown Gunnersville Road Intersection Improvement	\$ 25,000.00
<b>Total Construction by Force Account:</b>	<b>\$40,000.00</b>

B. Construction by Contract: (See Maps Included)

1. <b>448 Overlay Program (21.10 Miles):</b>	\$1,295,396.00
<b>422 Chip Seal Program (14.43 Miles):</b>	\$ 236,747.00
2. <b>Washington Mill Road Bridge #1.46 Rehabilitation:</b>	
Project Estimate	\$750,000.00
OPWC Funds	\$375,000.00
County Share	\$ 375,000.00
3. <b>Guardrail Replacement Various Areas Around County:</b>	
Project Estimate	\$300,000.00
Federal Share	\$300,000.00
County Share	\$ 0.00
4. <b>New Signal at Dayton-Xenia Road and Trebein Road:</b>	
Project Estimate	\$25,000.00
County Share	\$ 25,000.00
5. <b>Warning Flasher at Yellow Springs-Fairfield and West Enon:</b>	
Project Estimate	\$15,000.00
County Share	\$ 15,000.00
<b>Total Construction by Contract:</b>	<b>\$1,947,143.00</b>

**GRAND TOTAL HIGHWAY CONSTRUCTION II \$1,987,143.00**

III. **Bridges**

A. <b>Construction by Force Account:</b> (See Map Included)	
Materials	\$175,750.00
Labor and Fringes	\$242,520.00
B. <b>Other Costs:</b>	
Professional Services	\$ 53,750.00
Equipment	\$ 5,000.00
Beams by Contract	\$125,000.00
C. <b>Maintenance:</b>	
Painting, Milling, Waterproofing, Cleaning	\$ 2,000.00
<b>GRAND TOTAL BRIDGES III</b>	<b>\$ 604,020.00</b>

IV. **Traffic and Safety**

A.	Manufacture and Erection of Signs	\$ 30,000.00
B.	Pavement Markings	\$112,000.00
C.	Traffic Signals, Operation/Maintenance	<u>\$ 75,000.00</u>

**GRAND TOTAL TRAFFIC AND SAFETY IV ..... \$ 217,000.00**

**V. Grounds, Vehicles and Equipment**

A.	Maintenance of Grounds	\$ 2,000.00
B.	Maintenance of Vehicles and Equipment	\$100,000.00
C.	Fuel	\$200,000.00
D.	Purchase of Vehicles and Equipment	\$250,000.00
E.	Repay Bond for Truck	\$165,000.00
F.	Contingency for Emergency	<u>\$100,000.00</u>

**GRAND TOTAL GROUNDS, VEHICLES AND EQUIPMENT V:..... \$ 817,000.00**

**VI. Inspection and Testing ..... \$ 25,000.00**

**VII. Administration and Engineering**

A.	Salary and Fringes	\$976,387.00
B.	Insurance	\$125,000.00
C.	Utilities	\$100,000.00
D.	Consultant Fees	\$100,000.00
E.	Building Janitorial Services	<u>\$ 50,000.00</u>

**GRAND TOTAL ADMINISTRATION AND ENGINEERING VII ..... \$1,351,387.00**

**GRAND TOTAL 2011 ROAD AND BRIDGE PROGRAM ..... \$7,688,092.00**