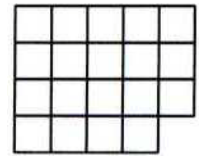


Huron County Engineer's Office Annual Report 2010 Joseph B. Kovach, P.E., P.S.



In 2010 The Huron County Engineer's Office was busy communicating and developing strong relationships with ODOT, CEAO, FHWA, OPWC, Huron County Township Trustees, and our local and state elected officials in a common goal to improve the roadways and drainage structures in Huron County.

Please review the following pages for some details about our 2010 Projects that include:

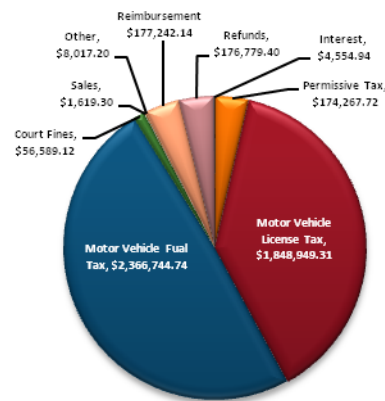
- Completing the replacement of the Gibbs Road Bridge – the third and final American Recovery & Reinvestment Act (ARRA) federally funded stimulus project.
- Constructing and developing plans to improve GMTL Road (St Rte 18 to Court Rd).
- The design, construction and installation of 8 county 3-sided concrete bridges.
- County Highway forces with assistance from local contractors & suppliers replaced 3 large county Issue I bridges.
- Completed Asphalt paving of over 16 miles of county roadways.
- Assisted Township Trustees by designing, bidding & inspecting of over \$773,000.00 of Issue I, Small Government Roadway Safety Projects.

As you look over the variety of projects and improvements that were made this year by the Huron County Highway Department, I would like to thank the residents and travelers for their patience and their understanding that their delays were temporary and were required to make these improvements to our Huron County Highways.

Our Goal and Mission for 2011 will continue to focus on developing stronger TEAMS that work efficiently together as we will continue:
"Building Today for a Better Tomorrow"

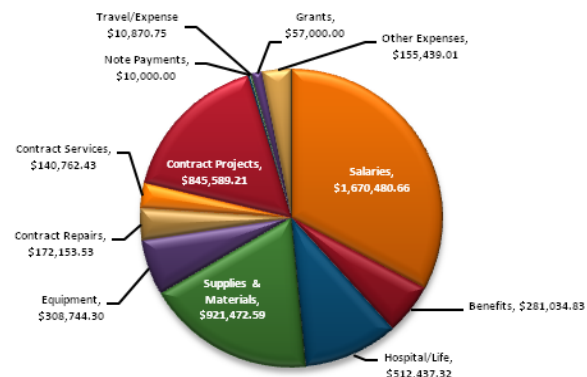
Revenue

Permissive Tax	\$ 174,267.72
Motor Vehicle License Tax	\$ 1,848,949.31
Motor Vehicle Fuel Tax	\$ 2,366,744.74
Court Fines	\$ 56,589.12
Sales	\$ 1,619.30
Other	\$ 8,017.20
Reimbursements	\$ 177,242.14
Refunds	\$ 176,779.40
Interest	\$ 4,554.94
Total Revenue	\$ 4,814,763.87
2009 Revenue	\$ 5,389,824.83
2008 Revenue	\$ 4,985,268.52
2007 Revenue	\$ 4,876,242.82
2006 Revenue	\$ 4,917,281.45



Expense

Salaries	\$ 1,670,480.66
Benefits	\$ 281,034.83
Hospitalization/Life	\$ 512,437.32
Supplies & Materials	\$ 921,472.59
Equipment	\$ 308,744.30
Contract Repairs	\$ 172,153.53
Contract Services	\$ 140,762.43
Contract Projects	\$ 845,589.21
Note Payments	\$ 10,000.00
Travel/Expenses	\$ 10,870.75
Grants	\$ 57,000.00
Other Expenses	\$ 155,439.01
Total Expenses	\$ 5,085,984.63
2009 Expenses	\$ 4,767,262.50
2008 Expenses	\$ 4,405,877.20
2007 Expenses	\$ 5,259,662.82
2006 Expenses	\$ 5,419,007.07



Bridge Improvements

<u>Location</u>	<u>Project No.</u>	<u>Description/Span/Length</u>	<u>Cost</u>
Butler Road	CL-063-03.17	60' – 20' X 5' three sided concrete box	\$ 76,524.35
Old State Road	BR-052-02.97	52' – 10' X 7' three sided concrete box	\$ 31,165.99
Hanville Corners Road	FA-100-01.48	44' – 18' X 8' three sided concrete box	\$ 55,442.69
County Line 10	NI-010-01.82	40' – 20' X 7' three sided concrete box	\$ 72,520.60
New State Road	FA-150-03.62	56' – 12' X 7' three sided concrete box	\$ 65,201.23
Base Line Road	RP-014-02.98	56' – 16' X 6' three sided concrete box	\$ 66,742.93
DeRussey Road	HA-175-04.34	52' – 20' X 6' three sided concrete box	\$ 69,707.82
Greenwich Milan Townline Road	FI-051-03.79	44' – 14' X 5' three sided concrete box	\$ 33,618.96

Culvert/Pipe Projects

<u>Location</u>	<u>Project No.</u>	<u>Description/Type</u>	<u>Cost</u>
Peru Center Road	PE-045-00.23	80' – 48" corrugated plastic pipe	\$ 14,984.45
Peru Center Road	PE-045-00.28	50' – 36" corrugated plastic pipe	\$ 9,577.19
Town Line 131 Road	GF-131-00.05	50' – 48" corrugated plastic pipe	\$ 13,303.35
Fern Road	PE-094-00.96	56' – 48" X 76" elliptical concrete pipe	\$ 20,302.16



New State Road / FA-150-03.62



Hanville Corners Road / FA-100-01.48



County Line 10 / NI-010-01.82

Roadway Projects

<u>Location</u>	<u>Project No.</u>	<u>Description/Type</u>	<u>Cost</u>
Old State Road	BR-052-02.97	Bridge approach roadway work & cleaning channels	\$ 6,739.74
Hanville Corners Road	FA-100-01.48	Bridge approach roadway work & cleaning channels	\$ 6,519.62
County Line 10	NI-010-01.82	Bridge approach roadway work & cleaning channels	\$ 15,293.51
New State Road	FA-150-03.62	Bridge approach roadway work & cleaning channels	\$ 8,396.82
Base Line Road	RP-014-02.98	Bridge approach roadway work & cleaning channels	\$ 11,452.08
DeRussey Road	HA-175-04.34	Bridge approach roadway work & cleaning channels	\$ 16,878.18
Greenwich Milan Townline Road	FI-051-03.79	Bridge approach roadway work & cleaning channels	\$ 14,328.14



Old State Road / BR-052-02.97



Scottwood Road / NI-009-00.38



Gibbs Road / NK-018-01.93

County Mainline Paving Completed by Gerken Paving Inc.

<u>Location</u>	<u>From</u>	<u>To</u>	<u>Miles</u>	<u>Cost</u>
Old State Road	State Route 61	Milan Corp. Limits	3.240	\$ 73,092.04
Boughtenville Road	Greenwich Angling Road	Greenwich Milan Town Line Road	0.846	\$ 46,752.09
Peru Center Road	State Route 162	Johnson Road	6.220	\$ 342,188.59
Hartland Center Road	State Route 18	Erie County Line	4.740	\$ 269,594.81

County Projects Funded by Ohio Public Works Commission

Bridges/Culverts Reconstructed

<u>Location</u>	<u>Project No.</u>	<u>New Structure</u>	<u>Cost</u>
Peru Olena Road	BR-164-04.28	80' X 28' pre-stressed concrete box beam	\$ 105,563.45
Peru Olena Road	BR-164-03.62	56' X 28' pre-stressed concrete box beam	\$ 100,872.12
Scottwood Road	NI-009-00.38	65' X 24' pre-stressed concrete box beam	\$ 86,335.13

Greenwich Milan Town Line Road Project

<u>Project No.</u>	<u>Project Type</u>	<u>Description</u>	<u>Cost</u>
HA-051-04.96	Culvert Pipe Installation	50' – 12" corrugated plastic pipe	\$ 2,290.05
TD-051-00.55	Culvert Pipe Installation	50' – 12" corrugated plastic pipe	\$ 2,116.00
TD-051-H	Ditch & Tile Relocation	Re-establish ditch lines & driveway pipes	\$ 40,885.34
HC-MS-03-04	Paving 2 miles with Base Asphalt*	Zenobia Road to State Route 18	\$ 194,318.91
HC-MS-03-04	Milling Butt Joints*	Zenobia Road to State Route 18	\$ 8,833.00

*Completed by Gerken Paving Inc.



Peru Olena Road with new Guardrail



Peru Olena Road / BR-164-4.28



Setting beams Peru Olena / BR-164-03.62

Federally Funded Projects Awarded by County Commissioners

American Recovery and Reinvestment Act Stimulus Funded Projects

<u>Location</u>	<u>Project No.</u>	<u>New Structure</u>	<u>Contractor</u>	<u>Costs</u>
Gibbs Road*	NK-018-01.93	45' X 28' Pre-stressed concrete box beam	Crawford Construction	\$ 198,541.20

*This is the third Project in Huron County of three that were funded with ARRA Stimulus Funds.



Dumping back fill on Butler Road



Elliptical Concrete Pipe on Fern Road



Baseline Road / RP-014-02.98

County Highway Maintenance Projects

<u>Location</u>	<u>Project Type</u>	<u>Description</u>	<u>Cost</u>
Huron County Fairgrounds	Paved parking lot	Asphalt Paving*	\$ 19,258.28
Various County Roads	Berm	Shoulder berming, grading and repairs	\$ 52,402.38
All County Roads	Snow & ice removal	Plowing, Salt & Grit with Overtime	\$ 386,377.99
Peru Center Road (PE-045-C)	Tile & Ditch	Pipe Installation & Clean Road Ditch	\$ 9,595.73
New State Road (FA-150-C)	Channel & Ditch	Channel Cleaning & Relocate Road Ditch	\$ 16,968.24

*Completed by A.J. Riley Inc.

Bids Awarded by County Commissioners

<u>Contractor</u>	<u>Description/Service</u>	<u>Cost</u>
Oglesby Construction	County Wide Striping of various County Roads	\$143,000.00
<u>Peru Olena Road Bridge / BR-164-04.28</u>		
United Precast Incorporated	Built and Installed Pre-stressed Concrete Beams, included Crane Services	\$ 114,561.04
Firelands Supply/Lake Erie	Supplied Guardrail Materials and Installed	\$ 19,579.90
A.J. Riley Company	Paved Roadway	\$ 30,238.92
<u>Peru Olena Road Bridge / BR-164-03.62</u>		
United Precast Incorporated	Built and Installed Pre-stressed Concrete Beams, included Crane Services	\$ 64,219.95
Rathe Supply Company	Supplied Guardrail Materials	\$ 10,545.60
Lake Erie Company	Installed Guardrail	\$ 4,533.60
A.J. Riley Company	Paved Roadway	\$ 18,570.12
<u>Scottwood Road Bridge / NI-009-00.38</u>		
United Precast Incorporated	Built and Installed Pre-stressed Concrete Beams, included Crane Services	\$ 68,215.65
Firelands Supply/Lake Erie	Supplied Guardrail Materials and Installed	\$ 15,836.70
A.J. Riley Company	Paved Roadway	\$ 12,683.64

Our Engineering Partners in Progress

<u>Consultant</u>	<u>Work Description</u>	<u>Project Name</u>
Mannik & Smith	HRRR Roadway design	Greenwich Milan Town Line Road Safety Improvement
MS consultants	Bridge rehabilitation design	Standardsburg Road Bridge Rehabilitation
Professional Services Inc.	Soil Testing	Greenwich Milan Town Line Road Improvement
TTL Associates	Soil Inspection	Gibbs Road Bridge Replacement
ME Companies	Speed Studies	Ridge and New State Roads
Traffic Safety Analysis System Services	Accident Analysis	Various County Roads
Poggemeyer Design Group	Bridge Replacement Design	Gibbs Road Bridge (ARRA)

CEAO/Credit Bridge Funds

URS*	Jones Stuckey Ltd.*	Richland Engineering Ltd.*
*These Engineering Consultants did Bridge Truss Load Analysis for 36 of Huron County's Bridges		

Township Roadway Improvements

Funded by Issue I and Small Government Grants and Loans

Design & Construction by County Engineer's Office

<u>Township</u>	<u>Project Name</u>	<u>Improvement/Limits</u>	<u>Design</u>	<u>Contractor</u>	<u>Cost</u>
Peru	Hettle & Troy Mills Intersection	Sight distance improvements	\$ 24,000.00	KF Construction	\$ 100,741.92
New London	Fayette & St Rte 60 Intersection	Sight distance improvements	\$ 46,000.00	Haynes Construction	\$ 96,663.85
Ripley	Edwards Road (US 224 to Railroad)	Roadway widening with drainage	\$ 4,500.00	D&M Earthmoving	\$ 81,541.13
Norwich	Miller Road (Egypt to St Rte 162)	Roadway widening with drainage	\$ 48,000.00	D&M Earthmoving	\$ 220,153.30
New London	Chenango Road Improvement	Guardrail/Embankment Improvement	\$ 21,000.00	Ott Excavating	\$ 169,535.51
New Haven	Buckingham Rd (Bullhead to Holtz)	Guardrail Improvements	\$ 10,000.00	Lake Erie Constr.	\$ 104,880.34



Buckingham Road Guardrail Improvements



Edwards Roadway Widening & Drainage



Hettle & Troy Mills Roads Sight Distance Improvements