



HAMILTON COUNTY ENGINEER
WILLIAM W. BRAYSHAW, P.E.-P.S.

HAMILTON COUNTY OHIO

Engineers Office

Ted B. Hubbard, P.E.-P.S.
Chief Deputy Engineer



ANNUAL REPORT FOR 2011
County And Township Officials

FEBRUARY 16, 2011



WILLIAM W. BRAYSHAW, P.E.-P.S.
HAMILTON COUNTY ENGINEER

To the County and Township Officials:

Welcome to the annual meeting of County and Township officials. Our common goal is serving the citizens of this County and providing the best possible roadway infrastructure system. This meeting is intended to help attain our common goal by sharing experiences and examining new opportunities to cooperate for the benefit of the traveling public. It is expected that the year 2011 will have unique challenges, as did the year 2010. The key to successfully meeting future challenges, more than ever given the current economic environment, is to continue working together cooperatively.

This office is always proud to participate with other governmental agencies in the service of the traveling public. Cooperation is the key component in providing a stellar capital improvement program. Leveraging the County Road and Bridge funds with other Federal, State, Township, Municipal and private funding makes expanded capital improvement programs possible. Pooling the available construction funding continues to generate expanded construction programs. The overall 2011 Construction Program with the inclusion of the 20% Fund Program and Municipal Road Fund (MRF) Program is reported to be over seven times as large as the local funding provided from resources administered by the Hamilton County Engineer's Office. It is anticipated that the 2011 Hamilton County Engineer's construction program will continue to aggressively upgrade and improve the road and bridge infrastructure.

Collectively we should all be very proud of the accomplishments achieved through our cooperative effort. Some of the most difficult urban arterial transportation problems in Hamilton County have been addressed and resolved as a result of Township and County Engineer collaboration. This same group effort has also been the essential component in the ongoing effort to proficiently address major issues such as storm water management, public infrastructure funding, snow removal and other challenges that are of mutual concern.

Our achievements stand as a testament that responsive local governments can efficiently address issues of mutual concern without expensive overreaching bureaucracies. It is essential that all governmental entities continue to pursue practical, resourceful and effective ways to provide services and solutions for the challenges of the future.

Please take a moment to review the displays illustrating our activities of this past year and our goals for the future. Let us all continue in our efforts of making Hamilton County the finest.

The attached report shows the various ways leveraging money has helped our county as a whole. As always, comments or suggestions are welcome.

Very truly yours,

A handwritten signature in blue ink that reads "Bill Brayshaw".



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CONTACT US

We strongly recommend our web site at www.hamilton-co.org/engineer for the latest up-to-date, and pertinent information. At the web site you can view project and construction news, Hamilton County Storm Water District information, order maps and much more. Departmental information is available on our web site.

Address: 138 East Court Street, Room 700
County Administration Building
Cincinnati, Ohio 45202
Voice: 513.946.4250
Fax: 513.946.4288
Internet: www.hamilton-co.org/engineer
Email: hce.webmaster@hamilton-co.org

Hamilton County Facts and Data

GENERAL DATA

Population (2010) 855,062
 State Rank 3rd

Area 414 square miles

Source: Hamilton County Regional Planning Commission

<u>Courthouse elevation</u>	<u>548 Feet</u>
<u>Highest elevation</u>	<u>1,072 (Rumpke Landfill)</u>
<u>Lowest elevation</u>	<u>450 Ft. (Ohio River)</u>
<u>Highest Natural elevation</u>	<u>962 Ft. Water Tower @ North Bend & Colerain</u>

2010 POPULATION

<u>Anderson Twp.</u>	<u>45,419</u>	<u>Harrison Twp.</u>	<u>4,145</u>
<u>Colerain Twp.</u>	<u>62,566</u>	<u>Miami Twp.</u>	<u>13,496</u>
<u>Columbia Twp.</u>	<u>3,371</u>	<u>Springfield Twp.</u>	<u>39,883</u>
<u>Crosby Twp.</u>	<u>2,514</u>	<u>Sycamore Twp.</u>	<u>20,442</u>
<u>Delhi Twp.</u>	<u>31,263</u>	<u>Symmes Twp.</u>	<u>15,852</u>
<u>Green Twp.</u>	<u>61,377</u>	<u>Whitewater Twp.</u>	<u>4,359</u>

TOTAL 304,687

Source: Hamilton County Regional Planning Commission.



Information available to the public includes:

Surveys
 Field Notes
 Section Corners



Benchmarks (survey monuments with State Plane Coordinates and Elevation)

Tax Maps (shows property lines, roads, subdivision names, Book-Page-Parcel)

Hamilton County Provides Easy Access to Geographic Information System (GIS) Maps

Hamilton County and the City of Cincinnati have released a new interactive mapping website that, for the first time, provides detailed land base and zoning information to the public in a highly effective and user friendly manner.

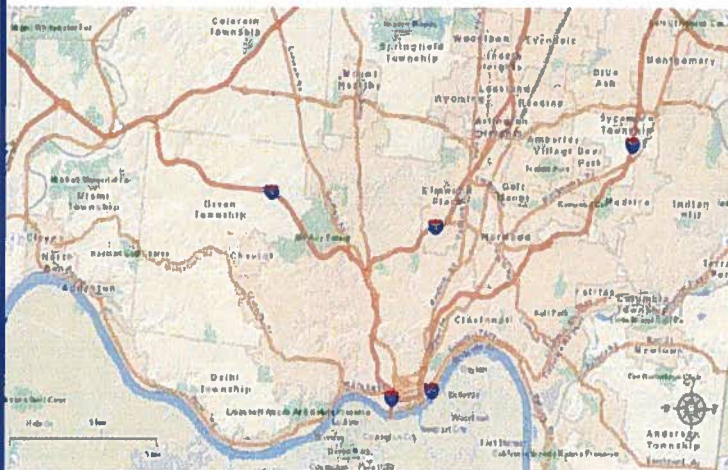
This site was designed to assist current and potential residents and property owners in making decisions that will add to the vitality of the Cincinnati area and promote economic development throughout Hamilton County. The website is a product joint endeavor between the City and County known as the Cincinnati Area Geographic Information System (CAGIS).

The delivery of map-based information via the internet provides a self serve feature to the public and empowers individual property owners, community activists, neighborhood leaders, and developers with better decision making tools at their fingertips. Potential land developers and business investors can benefit from the readily accessible map-based information pertaining to zoning, property and development data, land use, and topography. Mapping and reporting tools on this site make it possible for the public to explore communities and properties within the county, investigate the zoning restrictions and requirements for individual parcels, and track changes in land use over time through aerial photographs.

The online feature is popular. In just two months, the site has been visited by about 6,000 unique visitors. Although 95% of the users are from the tri-state area, the site has been viewed by people from 40 US states and 13 different countries.

GIS Maps Online

Developed by CAGIS



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“The level of detail, accuracy, and currency of the data for the Hamilton County area enables us to offer a unique product, and one unlike any other online mapping services” explains Interim CAGIS Administrator Missy Gatterdam.

Making GIS data available online has many benefits. “In addition to supporting economic development initiatives, the site’s self serve feature improves customer service and can drastically reduce staff time in areas where calls for GIS data are frequent,” says Gatterdam.

Online access to GIS data can also aid in coordination with other government entities. “We encourage cities and townships to link to this site to showcase their communities and share useful information,” says Shaoli Huang of CAGIS. To access CAGIS Online, please visit this link:

<http://cagisonline.hamilton-co.org/cagisonline/index.html>

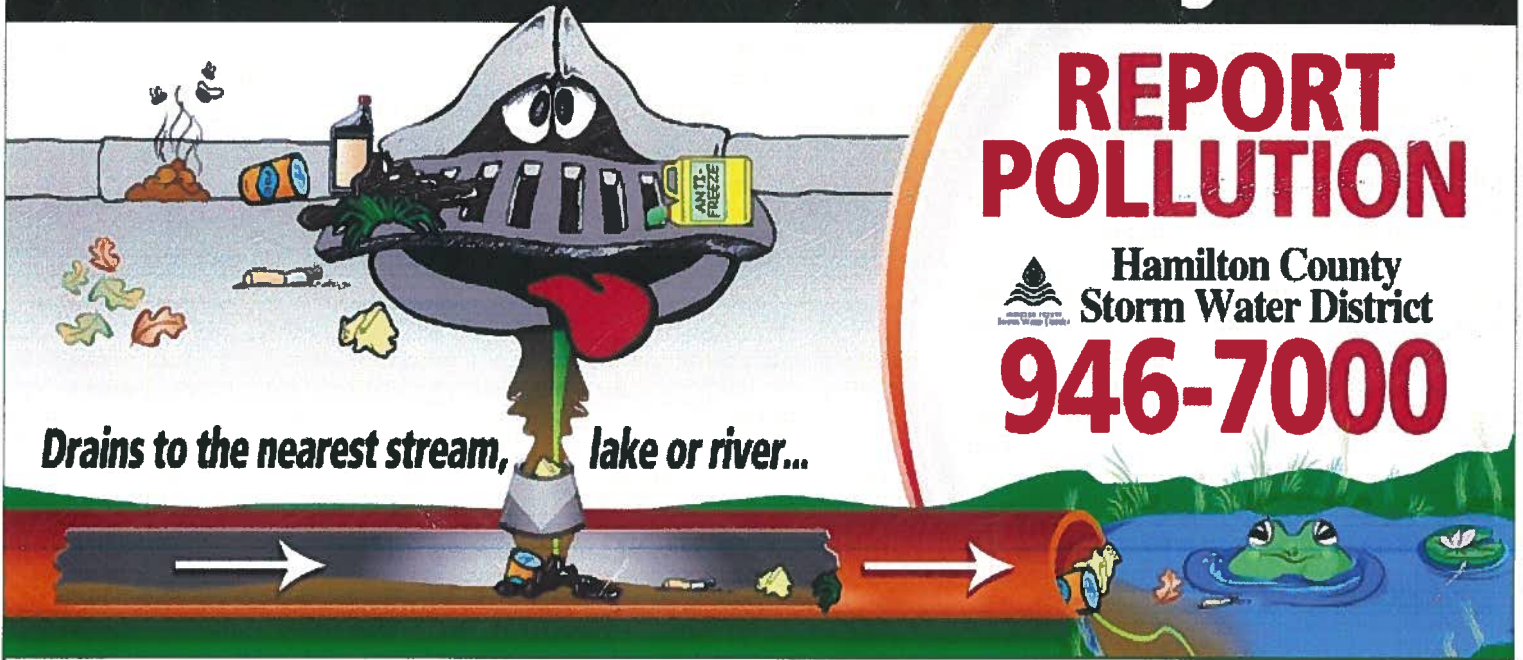
Source: Hello Hamilton County, March 2010 edition



HAMILTON COUNTY
Storm Water District

Hamilton County Storm Water District-(HCSWD)
138 East Court Street Room 700 CAB
Cincinnati, Ohio 45202
www.hamilton-co.org/stormwater/(513)-946-4254
email Todd.Long@hamilton-co.org
Storm Water Hot Line: 946-7000

Storm Drains ...Are Not Garbage Cans!



The Hamilton County Storm Water District has been established in response to the federally mandated Phase II storm water program. The Ohio EPA is issuing a National Pollutant Discharge Elimination System (NPDES) general permit that authorizes operators to discharge storm water from small construction activities.

The Storm Water District represents Hamilton County's commitment to storm water issues. The District membership consists of 42 of the 49 jurisdictions in Hamilton County including all 12 of the townships.

We invite you to browse our website to learn more about storm water and the Storm Water District. New information will continually be added to this website, with the long range goal being a website that can serve as a central repository for all storm water related material.

Link to Homeowner brochure - Information for new home owners on their responsibilities and rights regarding storm water drainage

Poluted storm water can be unhealthy for humans and wildlife alike. The Hamilton County Storm Water District is here to help insure we share more than pictures with future generations.

LICENSE Revenue

The 20% License Revenue Program

Each year the County Engineer has distributed a portion (20%) of the License Revenue added in 1989, to the Townships. Funding amounts this year are based upon the 2010 Motor Vehicle Registrations (MVR). You are encouraged to leverage these funds with a State Capital Improvement Program, Community Development Program, License Revenue Improvement Program, etc. This leveraging of funds will have a great impact on improving the infrastructure within Hamilton County and our Townships. The Office of the Hamilton County Engineer forwards application forms to each township annually. The Townships complete the forms and return them to the Engineer for review and prioritizing. After the



view process, the Engineer presents findings and recommendations to the Board of Hamilton County Commissioners for final authorization.

When approved by the Board of Hamilton County Commissioners, the Clerk of the Board issues a Volume and Image number to record the legislation. The townships that have approved projects are sent a letter informing them of the approval.

The Township may request a warrant by a letter of invoice to the Engineer for the funds to be dispersed. The letter must include the dollar amount being requested, the project name and year of approval for 20% funding. The Hamilton County Auditor's Office issues payment directly to the Township. The funds are for use on the project specified. When the project is complete, the township is expected to submit a full accounting to the Engineer. Funds not required for the named project are to be returned to the Engineer.

Funding Source

The 20% program funding is from funds received from the sale of license plates within the township limits. This year, each township receives an allotment percentage based on the year 2010 annual actual Motor Vehicle Registrations. The County Engineer agreed to a maximum expense of \$200,000.00 annually.



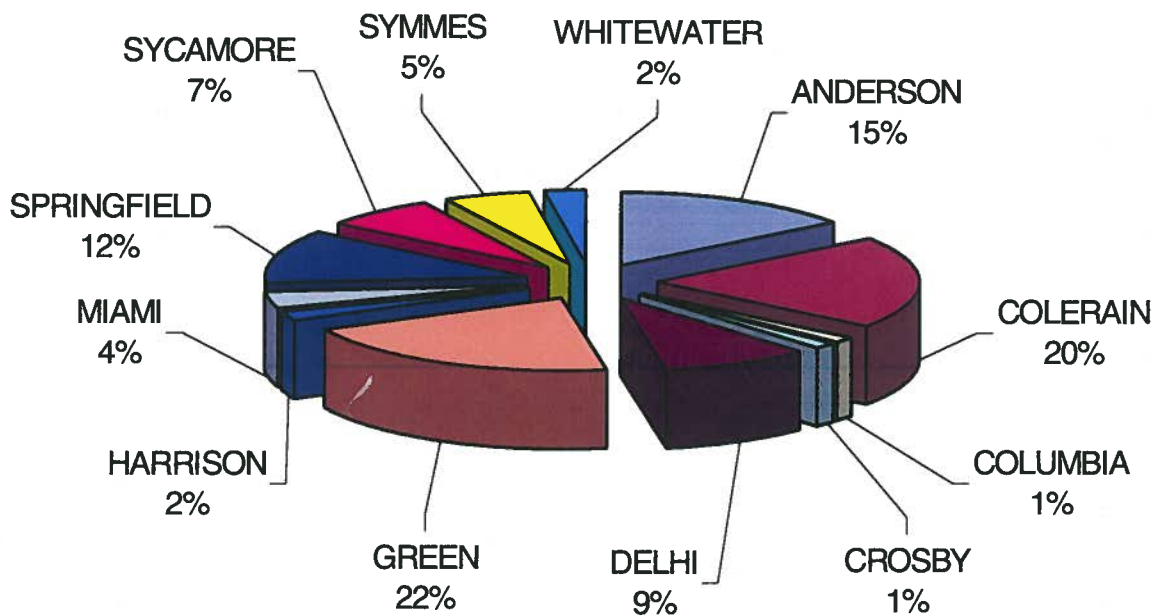
Funds set aside for a township for a 20% project must be paid to the township, even if these monies ultimately must be returned to the Engineer. For example, in a case where the requested/approved project is to be performed by a consultant/contractor under the Engineer's contract (such as engineering, resurfacing, etc.) the monies shall be requested as detailed and forwarded to the township. The Engineer will notify the township of payment due by copy of consultant/contractor invoice whereby the Township shall send payment to the Engineer who in turn pays the consultant/contractor. If the final contract amount is lower than the funding received from the 20% funds, the Township must return the balance to the Engineer for deposit back into the 20% fund account.

License Revenue—Continued

TOWNSHIP DISTRIBUTION

TOWNSHIP	2010 M V R ANNUAL	2011 PERCENT	2011 YTD MONIES	2010 YTD AWARDED	2011 AVAILABLE
ANDERSON	29,349	14.88%	\$638,160	\$608,811	\$29,349
COLERAIN	40,313	20.44%	\$924,753	\$884,440	\$40,313
COLUMBIA	2,605	1.32%	\$53,421	\$46,234	\$7,187
CROSBY	2,573	1.30%	\$53,144	\$47,624	\$5,520
DELHI	18,549	9.40%	\$440,768	\$422,219	\$18,549
GREEN	40,469	20.52%	\$875,783	\$835,314	\$40,469
HARRISON	3,487	1.77%	\$79,154	\$65,726	\$13,428
MIAMI	7,824	3.97%	\$133,551	\$125,727	\$7,824
SPRINGFIELD	22,913	11.62%	\$511,756	\$488,843	\$22,913
SYCAMORE	14,095	7.15%	\$307,275	\$283,705	\$23,570
SYMMES	10,158	5.15%	\$208,786	\$175,081	\$33,705
WHITEWATER	4,915	2.48%	\$109,108	\$55,696	\$53,412
TOTALS:	197,250	100%	\$4,335,659	\$4,039,420	\$296,239

2011 TOWNSHIP DISTRIBUTION



■ ANDERSON	■ COLERAIN	□ COLUMBIA	□ CROSBY
■ DELHI	■ GREEN	■ HARRISON	■ MIAMI
■ SPRINGFIELD	■ SYCAMORE	■ SYMMES	■ WHITEWATER

License Revenue —Continued
ANNUAL DISTRIBUTION

<u>TOWNSHIP</u>	<u>PROJECT YEAR</u>	<u>P R O J E C T</u>	<u>APPROVED</u>	<u>YEAR PAID TWP</u>
ANDERSON				
	1990	PAVEMENT MANAGEMENT	\$11,050.00	1990
	1991	BARTELS	\$10,275.00	1991
	1992	BARTELS CONSTRUCTION	\$62,741.00	1992
	1994	SIGNAL HILL SLIDE REPAIR	\$50,000.00	1995
	1995	DEBOLT ROAD REHAB	\$10,000.00	1995
	1996	LAWYER POINT CANCELLED	\$0.00	n/a
	1997	PINWELL DRIVE	\$50,000.00	1998
	1998	NAGEL/BEECHMONT	\$60,000.00	2000
	1999	RIVERBY DRIVE	\$18,100.00	2000
	1999	ENGINEERING FOR SCIP PROJECT	\$15,000.00	2000
	2000	AYERSHIRE WILSHIRE SUNWAY	\$30,000.00	2001
	2001	FOREST PARK SUBD	\$31,824.00	2001
	2002	FOREST LAKE SUBD	\$30,000.00	2003
	2003	PAVEMENT CONDITION SURVEY	\$12,000.00	2003
	2004	BRUNS LANE	\$48,710.00	2005
	2005	SIGNAL HILL	\$29,500.00	2006
	2006	COVENTRY WOODS	\$31,935.00	2006
	2007	2007 STREET RESURFACING	\$30,247.00	2007
	2008	2008 STREET RESURFACING	\$30,191.00	2008
	2009	2009 STREET REHABILITATION	\$29,442.00	2010
	2010	2010 RESURFACING	\$17,796.00	
	ANDERSON TOTAL		\$608,811.00	
COLERAIN				
	1990	PAVEMENT REHAB EARL	\$4,600.00	1990
	1990	COLERAIN/SPRINGDALE INTERSECTION	\$20,000.00	1990
	1991	COLERAIN CORRIDOR STUDY	\$5,000.00	1991
	1991	EARL AVE RECONST, PH II	\$24,105.00	1991
	1991	SHELDON DR RECONST, ENGR ONLY	\$19,366.00	1991
	1992	ROUNDTOP, CLARA, MCGILL, PRECHTEL	\$31,700.00	1992
	1992	PRECHTEL	\$23,850.00	1997
	1993	1993 ISSUE 2 RESURFACING	\$48,113.00	1993
	1994	1994 RESURFACING	\$40,000.00	1994
	1995	COLERAIN CORRIDOR SUBAREA 1	\$85,630.00	1995
	1997	1997 RESURFACING	\$48,690.00	1998
	1998	1998 STREET REHABILITATION	\$43,580.00	1999
	1999	VARIOUS ROADS REPAIR PROJECT	\$43,580.00	2000
	2000	RESURFACING 2000	\$43,580.00	2000
	2001	RESURFACING 2001	\$43,580.00	2001
	2002	RESURFACING 2002	\$42,732.00	2002
	2003	VARIOUS ROAD RESURFACING	\$42,732.00	2003
	2004	2004 STREET REHABILITATION	\$42,522.00	2004
	2005	VARIOUS ROAD REHABILITATION	\$39,218.00	2005
	2006	2006 RESURFACING & CONCRETE WORK	\$40,390.00	2006
	2007	2007 STREET RESURFACING	\$40,035.00	2007
	2008	2008 STREET RESURFACING	\$40,035.00	2008
	2009	2009 STREET RESURFACING	\$40,035.00	2009
	2010	2010 RESURFACING	\$31,367.00	2010
	COLERAIN TOTAL:		\$884,440.00	
COLUMBIA				
	1992	PAVEMENT EVAL RIDGEWOOD SUBD	\$6,784.00	1992
	1995	1995 ROAD RESURFACING	\$7,116.00	1997
	1997	FAIRHURST DRIVE	\$4,744.00	1997
	1999	VARIOUS ROADS REPAIR PROJECTS	\$4,744.00	2001
	2000	RESURFACING 2000	\$2,372.00	2000
	2002	BERWICK STREET RESURFACING	\$4,210.00	2002
	2009	RIDGE & HIGHLAND	\$16,264.00	2010
	COLUMBIA TOTAL:		\$46,234.00	

License Revenue—Continued
ANNUAL DISTRIBUTION

<u>TOWNSHIP</u>	<u>PROJECT YEAR</u>	<u>P R O J E C T</u>	<u>APPROVED</u>	<u>YEAR PAID TWP</u>
CROSBY				
	1999	VARIOUS ROADS REPAIR PROJECT	\$23,676.00	1999
	2002	RESURFACING 2002	\$6,988.00	2003
	2004	2004 STREET REHABILITATION	\$4,560.00	2006
	2009	2009 STREET RESURFACING	\$12,400.00	
	CROSBY TOTAL:		\$47,624.00	
DELHI				
	1990	PAVEMENT MGMT SURVEY & PROGRAM	\$14,750.00	1990
	1990	PAVEDEX STUDY	\$3,935.00	1990
	1991	PAVEDEX STUDY	\$2,805.00	1991
	1991	FAYSEL DRIVE	\$26,500.00	1991
	1992	PAVEMENT MGMT UPDATE/UPGRADE	\$9,749.00	1992
	1993	DYNAFLECT TESTING OF ROADS	\$13,840.00	1993
	1994	SALT DOME FACILITY	\$105,000.00	1994
	1998	PAVEMENT MGMT STUDY	\$9,355.00	1998
	2000	PAVEMENT MGMT SYSTEM UPGRADE	\$11,300.00	2000
	2001	PAVEMENT MGMT STUDY	\$24,100.00	2002
	2004	PAVEMENT MGMT STUDY	\$15,500.00	2004
	2005	2005 STREET REHABILITATION	\$98,800.00	2005
	2006	PAVEMENT MGMT STUDY	\$15,500.00	2006
	2007	2007 STREET RESURFACING	\$22,768.00	2008
	2008	2008 STREET RESURFACING	\$18,534.00	2008
	2009	2009 STREET RESURFACING	\$18,692.00	2009
	2010	PMS Road Condition Survey	\$11,091.00	2010
	DELHI TOTAL:		\$422,219.00	
GREEN				
	1990	WYNNBURNE DRIVE	\$41,735.00	1990
	1991	WHITE OAK DR REHABILITATION	\$40,000.00	1991
	1991	GREENWAY, WOODHAVEN, MOONRIDGE	\$10,885.00	1991
	1992	RECONSTRUCT/REHAB LA GRANGE LN	\$27,298.00	1992
	1993	RIDGEDALE DRIVE REHAB	\$37,053.00	1993
	1994	TURF LANE REHAB	\$38,000.00	1994
	1995	MENZ LANE	\$39,910.00	1995
	1996	STEVIE LANE	\$41,370.00	1996
	1997	SUMMERDALE DRIVE	\$39,000.00	1997
	1998	1998 STREET REHABILITATION	\$41,775.00	1998
	1999	CLEARVIEW AV REHABILITATION	\$40,000.00	1999
	2000	HAUBNER RD REHABILITATION	\$41,772.00	2000
	2001	VALLEYBROOK DRIVE	\$39,860.00	2001
	2002	RUEBEL PLACE	\$39,884.00	2002
	2003	TALLOAK COURT RESURFACING	\$39,884.00	2003
	2004	LINSAN DRIVE REHABILITATION	\$40,000.00	2004
	2005	EPLEY ROAD IMPROVEMENT (SCIP MATCH)	\$40,000.00	2005
	2006	FLORIDALE LANE	\$40,000.00	2006
	2007	2007 STREET RESURFACING	\$41,700.00	2007
	2008	2008 STREET RESURFACING	\$41,700.00	2008
	2009	2009 STREET RESURFACING	\$41,700.00	2009
	2010	2010 STREET RESURFACING	\$31,788.00	2011
	GREEN TOTAL:		\$835,314.00	

License Revenue —Continued
ANNUAL DISTRIBUTION

<u>TOWNSHIP</u>	<u>PROJECT YEAR</u>	<u>P R O J E C T</u>	<u>APPROVED</u>	<u>YEAR PAID TWP</u>
HARRISON				
	1991	LEES CREEK ROAD	\$18,651.00	1992
	1995	1995 ROAD REHAB	\$3,633.00	1995
	1996	HOPPING SLIDE	\$25,000.00	1997
	2007	2007 STREET RESURFACING	\$18,442.00	2007
	HARRISON TOTAL:		\$65,726.00	
MIAMI				
	1993	TOWER ROAD RESURFACING	\$5,612.33	1993
	1997	PICKWAY DRIVE	\$53,793.00	1997
	2002	FROGTOWN STREET IMPROVEMENTS	\$11,912.00	2003
	2004	QUADRANT DRIVE RESURFACING	\$11,300.00	2004
	2007	2007 STREET RESURFACING	\$20,000.00	2008
	2010	2010 RESURFACING	\$23,110.00	2011
	MIAMI TOTAL:		\$125,727.33	
SPRINGFIELD				
	1990	FEASIBILITY STUDY-DRAINAGE/ST. REHAB	\$27,034.00	1990
	1991	HOLYHCK,FALMTH,CHRSTOPL,RYNRD	\$16,000.00	1991
	1992	HOLYHCK,FALMTH,CHRSTOPL,RYNRD	\$32,823.00	1992
	1993	EDGEMONT TERRACE ENGR	\$24,700.00	1993
	1994	MT HEALTHY HGTS	\$24,634.00	1995
	1995	HOLLYHOCK SUBD	\$24,733.00	1995
	1996	EDGEMONT TERRACE	\$24,689.00	1996
	1997	1997 RESURFACING	\$24,689.00	1998
	1998	1998 RESURFACING	\$24,689.00	1999
	1999	VARIOUS ROADS REPAIR PROJECTS	\$24,689.00	1999
	2000	RESURFACING 2000	\$24,689.00	2000
	2001	RESURFACING 2001	\$24,689.00	2001
	2002	WINTONDALE SUBD RESURFACING	\$21,668.00	2002
	2003	MILLBROOK SUBD	\$21,668.00	2003
	2004	PAVEMENT MANAGEMENT SYSTEM STUDY	\$14,200.00	2004
	2005	2005 STREET REHABILITATION	\$26,610.00	2005
	2006	2006 RESURFACING	\$22,162.00	2006
	2007	2007 STREET RESURFACING	\$22,479.00	2007
	2008	2008 STREET RESURFACING	\$22,479.00	2008
	2009	2009 STREET RESURFACING	\$22,952.00	2009
	2010	2010 RESURFACING	\$16,567.00	2011
	SPRINGFIELD TOTAL:		\$488,843.00	

License Revenue—Continued
ANNUAL DISTRIBUTION

<u>TOWNSHIP</u>	<u>PROJECT YEAR</u>	<u>PROJECT</u>	<u>APPROVED</u>	<u>YEAR PAID TWP</u>
SYCAMORE				
	1991	91 ROAD IMPROVE PROG (91-04 RESURF)	\$40,000.00	1991
	1993	JUD, HUDDLESTON, ESTERMARIE DRIVE REHB	\$19,043.22	1994
	1994	1994 RD IMPROVEMENT	\$6,383.00	1994
	1995	1995 RD IMPROVEMENT	\$17,868.00	1995
	1996	1996 RD RESURFACING	\$13,800.00	1997
	1997	1997 RESURFACING	\$13,800.00	1997
	1998	1998 RESURFACING	\$13,800.00	2000
	1999	1999 RESURFACING	\$13,800.00	2000
	2000	KUGLER MILL	\$13,800.00	2001
	2001	HIGH POINT SUBD	\$13,800.00	2002
	2002	2002 RESURFACING	\$15,006.00	2002
	2003	GOLDCOAST, REDSKY, PALACE	\$15,006.00	2004
	2004	GOLDCOAST, REDSKY, PALACE	\$12,983.00	2004
	2005	2005 STREET REHABILITATION	\$14,968.00	2005
	2006	STURBRIDGE SUBDIVISION	\$15,455.00	2008
	2008	STURBRIDGE SUBDIVISION	\$29,605.00	2008
	2009	2008 STREET RESURFACING	\$14,588.00	2009
	SYCAMORE TOTAL:		\$283,705.22	
SYMMES				
	1990	ARNOLD LANE IMPROVEMENT	\$12,910.00	1990
	1991	ARNOLD LN IMPROVE, ADD'L ENGR	\$7,975.00	1991
	1992	EMERGENCY SIGNAL	\$3,900.00	1992
	1994	SHORE DR REPAIR	\$9,800.00	1994
	1996	SALT DOME	\$80,495.54	1996
	2005	SALT DOME	\$60,000.00	2006
	SYMMES TOTAL:		\$175,080.54	
WHITEWATER				
	1995	MIAMITOWN STORM SEWER & RESURF	\$30,000.00	1995
	1997	FURLONG DRIVE	\$10,000.00	1997
	2000	LUTHER LANE	\$15,696.00	2001
	WHITEWATER TOTAL:		\$55,696.00	
	TOTAL TOWNSHIP EXPENDITURES TO DATE		\$4,039,420.09	



PROJECTED 2011 AND 2012 ROADWAY PROJECTS



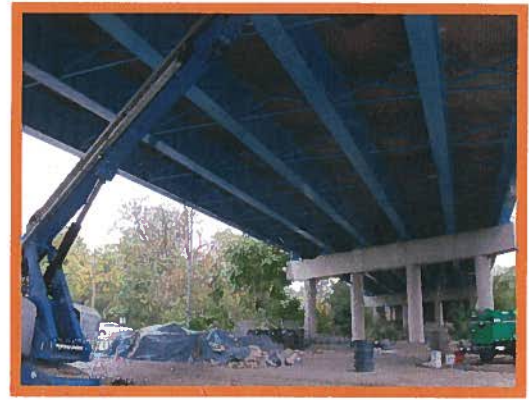
ID NO	PROJECTS	DESCRIPTIONS	ESTIMATE
1	Resurfacing (Maintenance)	Various Roads	\$1,500,000
2	Mt. Carmel Road Resurfacing (Broadwell to a point 2,500' to the south)	Resurfacing & Rehabilitation Improvement	\$402,900
3	West Road Resurfacing (I-74 to Harrison High School)	Resurfacing & Shoulder Improvement	\$137,650
4	Westwood Northern Blvd. Resurfacing (North Bend to Boudinot)	Resurfacing & Improvement	\$713,160
5	Blue Rock Road and Cheviot Road Env. Studies	Engineering	\$95,400
6	Fields Ertel Road and Mason Montgomery Road	Intersection Area Improvement	\$1,400,000
7	Fields Ertel Road and Mason Montgomery Road	Ramp Study - Engineering	\$100,000
8	Fields Ertel Road, Mason Montgomery and I-71 Signal System Improvement	Signal System Improvements	\$762,000
9	Loveland Madeira Road (Indian Hill Corp. to Hopewell)	Resurfacing & Intersection Improvement	\$3,032,758
10	East Miami River Road and US 27	Interchange Area Improvement	\$1,650,000
11	Miami Township Maintenance Facility	Maintenance Facility	\$103,571
12	Pippin Road (from Galbraith to Springdale) Phase I	Engineering	\$495,000
13	Race Road and Bridgetown Road	Intersection Area Improvement	\$629,000
14	Geotechnical Engineering and Testing	Engineering	\$200,000
	<u>SUBTOTAL 2011</u>		<u>\$11,221,439</u>
15	Resurfacing (Maintenance)	Various Roads	\$1,200,000
16	Galbraith Road (from Vegas to Georgiana)	Resurfacing & Rehabilitation Improvement	\$2,100,870
17	Meredith Road Resurfacing Phase I	Resurfacing & Rehabilitation Improvement	\$713,940
18	Blue Rock Road and Cheviot Road Intersection	Engineering	\$100,000
19	Five Mile Road and Beechmont Avenue	Intersection Area Improvement (Continuous Flow Intersection)	\$3,096,000
20	North Bend Road (from Kleeman to Boomer)	Widening and Rehabilitation	\$2,550,000
21	North Bend Road (from I-74 to West Fork)	Widening and Rehabilitation	\$2,127,000
22	Pippin Road (from Galbraith to Springdale) Phase 2	Engineering	\$495,000
23	Rybolt Storm Sewer Project	Drainage Improvement	\$250,000
24	Rybolt Road and Wesselman Road (Dependent on R/W contribution by others)	Intersection Area Improvement	\$2,560,000
25	Geotechnical Engineering and Testing	Engineering	\$200,000
	<u>SUBTOTAL 2012</u>		<u>\$15,392,810</u>
	<u>TOTAL AMOUNT (2011 & 2012)</u>		<u>\$26,614,249</u>

Projects projected are dependent upon available financial leveraging to secure the needed funding.

PROJECTED 2011 AND 2012 BRIDGE/SLIDE PROJECTS



Shadybrook Road



Sharon Road Bridge Painting

ID NO	PROJECTS	DESCRIPTIONS	ESTIMATE
26	Bridge Maintenance	Repair	\$200,000
27	Blue Rock Road Bridge (B-0225)	Replacement	\$225,000
28	Brehm Road Bridge (B - 0130)	Engineering	\$100,000
29	Cleves Warsaw Road Bridge Bridge (B-0050)	Replacement	\$3,005,000
30	Galbraith Road Bridge (AHT-0092)	Engineering	\$80,000
31	Bridge Load Rating Engineering 11-1	Engineering	\$15,000
32	Bridge Load Rating Engineering 11-2	Engineering	\$15,000
33	Weik Road Slide	Slide Correction	\$200,000
<u>SUBTOTAL 2011</u>			<u>\$3,840,000</u>
34	Bridge Maintenance	Repair	\$200,000
35	Brehm Road Bridge (B-0130)	Replacement	\$600,000
36	Bridge Load Rating Engineering 12-1	Engineering	\$100,000
37	Hempstead Drive Bridge (SPG-0007)	Rehabilitation	\$250,000
38	Link Road Bridge (B-0032)	Replacement	\$150,000
39	Newtown Road Slide (North of Clough)	Slide Correction	\$175,000
40	Regan Highway (Rehabilitation, Slide and Bridge Bearing)	Engineering	\$300,000
41	Willey Road (B-0095)	Engineering	\$75,000
<u>SUBTOTAL 2011</u>			<u>\$1,850,000</u>
<u>TOTAL AMOUNT (2011 & 2012)</u>			<u>\$5,690,000</u>

Projects projected are dependent upon available financial leveraging to secure the needed funding.

Hamilton County Environmental Services Encourages All to Make the Resolution to Reduce Waste This Year

Now is the perfect time to get rid of bad disposing habits and reduce unnecessary waste once and for all. If you're serious about going green this year, the Hamilton County Solid Waste Management District has a few simple ideas that will help make waste reduction a resolution you can keep.

One of the easiest ways to minimize your solid waste contribution is to reduce the consumption of disposable materials. In many ways, the disposable items you use every day are like junk food in your diet—you don't really need them, they're best when used sparingly, and they're easy to cut back on with simple lifestyle changes. You can make a huge impact just by using fewer disposable items and incorporating reusable products into your daily routine.

If you start every work day with a cup of coffee, for example, replace any Styrofoam and paper cups with your own thermos or mug. If you drink bottled water at your desk and a can of soda at lunch, invest in reusable bottles for these drinks as well. By replacing just those cups, bottles and cans, at the end of the work week you will have already eliminated 15 disposable items from your weekly waste contribution!

If you're like most consumers, your biggest waste indulgence is probably the plastic shopping bag. While they may seem convenient, cheap and harmless, plastic bags quickly add up to big waste. To cut unnecessary waste out of your shopping routine, invest in reusable bags. Easy to tote and well worth the money, reusable bags are a great investment for our environment. According to reusablebags.com, each reusable bag you use has the potential to eliminate an average of 1,000 plastic bags over its lifetime.

To help get customers in the habit of reducing waste, many businesses in our area offer incentives to those who reuse. Starbucks, for example, offers a 10 cent drink discount for customers who use their own mug. Kroger, Whole Foods and Biggs all offer discounts for customers

who use reusable bags, and Whole Foods has eliminated plastic bags from its stores. Many other stores are beginning to pick up green policies as well, so ask around where you shop and always bring your reusable bags—you may be pleasantly surprised with a bonus for being green.

When you can't reuse, get a bin and recycle. Recycling saves resources, conserves energy, makes new products and helps our local economy. The following items are recyclable in Hamilton County:

- Plastic bottles and jugs
(remove lids)
- Glass bottles and jars
(remove lids)
- Steel cans, aluminum cans
and empty aerosol cans
(remove tips and lids)
- Newspapers and magazines
- Office paper, junk mail and envelopes
- Phone books and catalogs
- Cardboard and paperboard

For more information about local recycling, call the Hamilton County Recycling Hotline at 946-7766.

By committing to reusable products and small lifestyle changes, you can make 2011 your greenest year yet.



Recycle



FOR PROGRAM YEAR 2011
DISTRICT 2 - HAMILTON COUNTY & TOWNSHIP

- 1) **Hamilton County** – Loveland Madeira Road Rehabilitation – Estimated cost of \$4,050,000. The actual bid amount for the project was \$3,032,758. Project limits extend from the Indian Hill corporation line to the Hopewell Road Intersection. Project includes removing the existing asphalt concrete surface and rehabilitating the roadway base with full and partial depth pavement repair. Profile adjustments are proposed to improve the surface transition through the intersection with Remington Road (SR 126). Appropriate turn lanes are also included in the work as part of the noted intersection improvements. The entire project will be resurfaced with 2 ½" of asphalt concrete. A deteriorated 36" culvert will be replaced and a new retaining wall will be installed. A grant of \$1,752,020 was approved for this project for 2010 and also for 2011. Construction is to be complete by December 31, 2011.
- 2) **Hamilton County** – Cleves Warsaw Road Bridge (B-0050) Replacement – Estimated cost of \$3,005,000. The project is located .50 miles east of the intersection with Van Blaricum Road. Project includes replacing a 244' steel truss bridge with a prestressed concrete structure. A grant of \$601,000 was approved for this project for 2011. Construction is to be complete by December 31, 2012.
- 3) **Hamilton County** – Mt. Carmel Road Rehabilitation – Estimated cost of \$402,900. Project limits are in Anderson Township and extend from Broadwell Road to a point 2,500' to the south. Project includes removing the existing asphalt concrete surface course, rehabilitating the base pavement and resurfacing with asphalt concrete. A grant of \$201,450 was approved for this project for 2011. Construction is to be complete by December 30, 2012. Metropolitan Sewer District of Greater Cincinnati – Estimated cost of \$545,000. Project limits are in the Riverside neighborhood and is located along the east Branch Muddy Creek Interceptor. Project includes relocating CSO 410 from the south side of River Road to the north side of River Road, as well as constructing 210' of 12" storm sewer. A loan of \$545,000. was approved for this project for 2011. Construction is to be complete by June 6, 2012.
- 4) **Green Township** – North Bend Road Improvements – Estimated cost of \$2,127,000. Project limits commence at the south limit of the I-74 Interchange and extend northward through the intersection with West Fork Road. Project includes providing additional exclusive turn lanes at the North Bend & West Fork Intersection; interconnecting all traffic signals for improved coordination and modifying ramps at the interchange with I-74 for improved efficiency. A grant of \$500,000 was approved for this project for 2011. Construction is to be complete by December 31, 2012.
- 5) **Springfield Township** – Country Lanes Subdivision Road Improvements – Estimated cost of \$623,725. Project includes removing pavement, repairing curbs, installing catch basins along with manholes and placing a new asphalt overlay. A grant of \$374,235 was approved for this project for 2011. Construction is to be complete by October 21, 2011.
- 6) **Delhi Township** – Placid Meadows Subdivision Improvement – Estimated cost of \$402,877. Project includes removing existing pavement, replacing curb, reconstructing the pavement structure, correcting drainage problems and installing under drains. A grant of \$197,410 was approved for this project for 2011. Construction is to be complete by October 15, 2011.
- 7) **Springfield Township** – Kemper Mill Village Subdivision Road Improvement Project – Estimated cost of \$529,396. Project includes removal of pavement, repair of curbs, catch basins and manholes, and a new asphalt overlay. A grant of \$317,637 was approved for this project for 2011. Construction is to be complete by October 21, 2011.
- 8) **Hamilton County** – Westwood Northern Boulevard Improvements - Estimated cost of 713,160. Project limits are from North Bend Road to Boudinot Avenue. Project includes removing the existing asphalt concrete surface, rehabilitating the roadway base with full and partial depth pavement repair; replacing deteriorating concrete curbs, install traffic signals with LED and video detection equipment, and replace guardrails. A grant of \$570,528 is pending based on available residual funding for 2011. Construction is to be complete by December 31, 2012.



- ▶ **Resurfacing Maintenance** - Estimated cost is \$1,500,000. This program involves utilizing innovative pavement maintenance techniques on the various roads as well as traditional resurfacing methods throughout the unincorporated area of Hamilton County to preserve the existing infrastructure. The program may be expanded should additional funding become available.

- ▶ **Mt. Carmel Resurfacing and Rehabilitation**— Estimated cost is \$402,900. The Ohio Public Works Commission (OPWC) and the Hamilton County Engineer's Office are the primary funding participants. The project involves providing drainage improvements, base pavement repairs and resurfacing from Broadwell Road to a point 2,500 feet to the south in Anderson Township.

- ▶ **West Road Resurfacing** - Estimated cost is \$137,650. The City of Harrison and the Hamilton County Engineer's Office are the primary funding participants. The project involves providing paved shoulders with a new asphalt surface course from I-74 to the Harrison High School area in Harrison Township.

- ▶ **Westwood Northern Boulevard Resurfacing and Rehabilitation**- Estimated cost is \$713,160. OPWC and the Hamilton County Engineer's Office are the primary funding participants. The project involves providing traffic signal upgrades, appropriate guardrail replacement, base pavement repairs and resurfacing from Boudinot Avenue to North Bend Road in Green Township.

- ▶ **Fields Ertel Road and Mason Montgomery Road Intersection Improvements**-. Estimated cost is \$1,400,000. The Warren County Engineer's Office is the primary funding participants in the project. The work involves providing an additional lane on Mason Montgomery Road along with appropriate signal improvements. The proposed geometric improvements along with signalization improvements in the intersection area will better accommodate travel efficiency.

- ▶ **Fields Ertel Road, Mason Montgomery Road and I-71 Corridor Signal System Improvements** - Estimated cost is \$762,000. The Hamilton County Engineer's Office, the Ohio Department of Transportation and the Warren County Engineer's Office are the primary funding participants in the project. The work involves upgrading the signal system and associated infrastructure in the Fields Ertel Road and Mason Road Corridors of Symmes Township as well as Mason Montgomery Road Corridor of Warren County. The proposed signalization improvements will better accommodate travel efficiency on the noted surface streets as well.

PROJECT DESCRIPTIONS Continues

- ▶ **Loveland Maderia Road Resurfacing and Improvements** - Estimated cost is \$3,302,758. OPWC and the Hamilton County Engineer's Office are the primary funding participants. The work involves widening of the existing pavement to accommodate needed turning lanes and signal improvements at the intersection with Remington Road (State Route 126). The work also involves drainage improvements, retaining wall installation, base pavement repair as well as resurfacing from Remington Road to Hopewell Road in Symmes Township.

- ▶ **East Miami River Road and US Route 27 Interchange Area Improvements** - Estimated cost is \$1,650,000. ODOT will be a funding participant in the project along with the Hamilton County Engineer's Office. This project will include additional exit and entrance ramps on southbound US Route 27 in Colerain Township. The interchange improvements will eliminate left turn movements on US Route 27 in the interchange area and is expected to dramatically improve traffic safety.

- ▶ **Race Road and Bridgetown Road Area Improvements** - Estimated cost is \$629,000. OPWC and Green Township are the primary funding participants. The work involves widening of the existing pavement to accommodate additional lanes and signal improvements at the intersection. The intersection improvements will improve travel efficiency and safety.

- ▶ **Bridge Maintenance 2011** - Estimated cost is \$200,000. This program involves providing required planned maintenance on various bridges throughout Hamilton County.

- ▶ **Blue Rock Road (B- 0225)** – Estimated cost is \$225,000. The project involves the replacement of an existing steel arch bridge culvert with a new 4-sided precast reinforced concrete box culvert in Colerain Township.

- ▶ **Cleves Warsaw Road (B-0050)** - Estimated cost is \$3,005,000. OPWC and Federal Local Bridge Program (LBP) are the primary sources of funding. The project involves the replacement for a 244 foot steel truss bridge with a new prestressed concrete structure located just east of Van Blaricum Road in Green Township.

- ▶ **Weik Road** - Estimated cost is \$200,000. The project involves soil stability correction along Weik Road in Colerain Township.



County Snow & Ice



HAMILTON COUNTY SNOW & ICE LANE MILEAGE MAINTAINED

WESTERN DIVISION

County Roads	519.14
Other Roads	5.81
State Routes	110.13

TOTAL WESTERN: 635.08



EASTERN DIVISION

County Roads	328.74
Other Roads	8.44
Ronald Reagan Highway	34.09
State Routes	181.54

TOTAL EASTERN: 552.81



CENTRAL DIVISION

County Roads	421.85
Other Roads	1.57
Ronald Reagan Highway	81.13
State Routes	143.81

TOTAL CENTRAL: 648.36

GRAND TOTAL: 1,836.25



New Equipment that was purchased in 2010



In 2010 two more of these tandem trucks were purchased and in 2011 an additional two more trucks will be added to the fleet for a total of five tandem axle dump trucks.

The tandem axle dump truck is a larger truck that replaces two single axle trucks reducing the size of our fleet.

Not only is this type of truck a benefit for the snow and ice season, but is useful in road maintenance as well. The truck bed has a chute attachment that replaces the salt spreader and will be used for berm repair and maintenance.

An additional option that was added to this tandem axle dump truck was two ninety-five gallon stainless steel calcium tanks mounted on the sides of the dump body. This option allows the truck to carry additional calcium that is important in treating the salt for the removal of snow and ice.



The Engineer's Department started using Bio-Diesel in April 2005. At this time we have used over 298,816 gallons of Soy Bean based B-20 Blend and have experienced no issues. We are currently using it in 103 various vehicles and equipment.

It can be used in existing diesel vehicles, without engine modification. Research shows that the use of bio-diesel reduces air pollution, including toxins, cancer-causing compounds and ozone forming emissions.



2010 SNOW ROADEO WINNERS

1 st place winner was	Rick Riggs
2 nd place winner was	Rob French
3 rd place winner was	Jim Hetzel
4 th place winner was	Steve Dickman

 * Congratulations 2010 Snow Roadeo Winners !!! *
 * *
 * Long before the season changes and snow falls on the roadways, the Hamilton County Engineer held the Annual Snow *
 * Roadeo the week of September 21, 2010. *
 * *
 * William W. Brayshaw, the Hamilton County Engineer, desires all drivers to make safe driving a priority, especially dur- *
 * ing snow and ice conditions. In preparation for winter, this training/competition is held yearly to make safe driving a pri- *
 * ority **especially** during the snow and ice season. *
 * *
 * This event provides the operators a chance to maneuver in tight predicaments that they may encounter while clearing the *
 * roadways of snow and ice. After completing the course, drivers are tested on truck maintenance, which includes a pre- *
 * trip inspection to be sure all parts of the truck and plow are operating properly. *
 * *
 * From Tuesday September 21st, through Thursday, September 23th, 2010 County Engineer William Brayshaw officiated *
 * over his Annual "Snow Roadeo". The Roadeo was held outdoors near the Communications Center on Hamilton Avenue. *
 * This event included a timed obstacle course and a vehicle maintenance inspection. While the weather could not provide *
 * the drivers with conditions that reflected snow and ice control on the roads, situations could be duplicated that provided *
 * the drivers with an opportunity to hone their driving skills. Approximately 218 drivers in total, which included 83 driv- *
 * ers from the Hamilton County Engineer's department, 65 from the Townships and 70 from the Municipalities partici- *
 * pated in response to Mr. Brayshaw's invitation. *
 * *
 * Thanks to all who participated..... *
 * *
 * *****



2010 CONSTRUCTION PROJECTS

<u>PROJECT NAME</u>	<u>CONTRACTOR</u>	<u>AWARDED BID AMOUNT</u>	<u>LOCAL MATCH</u>
501001 Sidewalk Program	Innovative Concrete (I.C.C.U.)	\$35,423	\$0
500806 Galbraith Road (Daly to Winton)	Mt. Pleasant Blacktopping	\$2,529,040	\$0
500716 Highland Ave. Kennedy & Ridge Road	John R. Jurgensen	\$2,702,093	\$500,027
500855 Harrison Road (CR 457)	West Side Paving	\$1,109,235	\$0
500526 Shady Brook Drive Bridge (SPR-0028)	Langenheim & Thomson	\$440,000	\$440,000
501003 10-1 Resurfacing	John R. Jurgensen	\$903,895	\$903,895
500323 Muchmore Road Culvet Installation	Iconstruct, LLC.	\$161,113	\$161,113
500810 Delhi Road Improvement	Prus Construction	\$2,022,578	\$75,000
500717 Sharon Road Bridge SHA-0619 Overlay (MSC)	Bridge Overlay Systems, Inc.	\$147,748	\$147,748
Sharon Road Bridge Painting Project (SHA-0706)	(Sharonville Bid)	\$202,400	\$202,400
Rybolt Road I 74 Ramp Project	Complete General Construction (ODOT bid)	\$2,518,054	\$12,787
Subtotal		\$12,771,579	\$2,442,970

2010 20% FUNDS SUPPORTED PROJECTS

<u>PROJECT NAME</u>	<u>TOWNSHIP</u>	<u>PROJECT COST</u>	<u>20% LOCAL MATCH</u>
2010 Street Resurfacing Program	Anderson	\$29,487	\$17,796
2010 Street Resurfacing Program	Colerain	\$463,000	\$31,367
2010 PMS Road Survey	Delhi	\$600,000	\$11,091
2010 Street Rehabilitation Program	Green	\$1,600,000	\$31,788
2010 Street Resurfacing Program	Miami Township	\$150,000	\$23,110
2010 Street Resurfacing Program	Springfield	\$128,234	\$16,567
Subtotal		\$2,970,721	\$131,719

2010 MUNICIPAL ROAD FUND SUPPORTED PROJECTS

<u>PROJECT NAME</u>	<u>MUNICIPALITY</u>	<u>PROJECT COST</u>	<u>MRF LOCAL MATCH</u>
Annual Bridge Maintenance Program	Cincinnati	\$2,201,200	\$1,000,000
River Road Improvement	Cincinnati	\$12,000,000	\$500,000
Plainville Road Rehabilitation	Mariemont	\$70,000	\$14,000
Kenwood Road Rehabilitation	Madeira	\$2,250,000	\$62,500
Congress Avenue Culvert Repair	Glendale	\$40,000	\$8,000
Kemper Connector Intersection	Sharonville	\$657,800	\$131,560
Cliff Road Rehabilitation	North Bend	\$235,000	\$94,000
Brower Road Rehabilitation	North Bend	\$175,000	\$87,500
Cooper Road Rehabilitation	Blue Ash	\$243,000	\$25,000
Riddle Road & Leacrest Rehabilitation	Woodlawn	\$86,500	\$75,000
Carolina Trace Road Rehabilitation	Harrison	\$795,000	\$79,500
Subtotal		\$18,753,500	\$2,077,060
Grand Total of Construction Activity		\$34,495,800	\$4,651,749

(Project totals include monies from all participating agencies)

2010 Paving

The County Engineer, as part of an ongoing roadway maintenance program, has performed resurfacing on the following list of roads. Included on this list are roads that were paved by utility companies, such as Duke Energy and Greater Cincinnati Water Works, as part of the pavement restoration requirements for new main installations in the roadway. As part of the resurfacing an attempt is made to install paved shoulder wherever possible. The length of roadways improved in 2010 totals 17.96 miles.



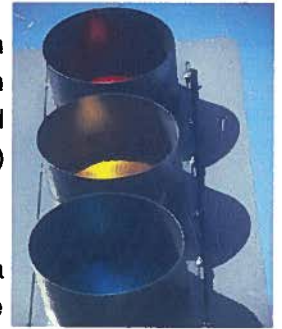
Winton Road Resurfacing

<u>ROADS</u>	<u>LIMITS</u>	<u>LENGTH</u>
Blue rock	Sheed-Cheviot	7,032
Boomer	North Bend-900'West	900
Cilley	Kilby-9850 Cilley	4,630
Cleves Warsaw	Ebenezer-Devils Backbone	2,640
Clough	Eight Mile-Wolfangel	7,121
Cornell	Snider- I 275	1,500
Delhi Pike	Anderson Ferry -Greenwell	3,770
Devils Backbone	Cleves Warsaw-130' South	130
Dry Fork	Kilby-Harrison	15,792
East Galbraith	Blue Ash Corp-Kenwood	5,616
Fehr	Greenwell-Pedretti	1,770
Five mile	Nimitzview-275 ramps	4,489
Highland	Cincinnati Corp-Kennedy	2,987
Hooven	US 50-Brotherhood Avenue	2,170
Hunley	Clough-Spinningwheel	3,230
Kennedy	Adjacent to Highland	1,175
North Bend	I 74-900's of Boomer	1,641
Old Cilley	All	400
Ridge	Duck Creek-Cincinnati Corp Line	3,284
Silver Creek	All	3,441
Van Blaricum	South-Near Corp Line	5,700
West Galbraith	Winton-Daly	3,580
Wesselman	Hearne (dead end)-6610 Wesselman	11,350
Wolfangel	Clough-Delas Cove	475
TOTAL:		94,823

Traffic Department Information

TRAFFIC OPERATION SUMMARY 2010

The Engineer's Traffic Department is responsible for performing traffic studies, which establish "No Parking Zones", "Multi-Way Stop" locations and the "Warrant Analysis" for the signalization of County owned intersections. These studies, if warranted are then brought before the Board of County Commissioners who are the sole authority to apply traffic laws (except Speed Limits) in unincorporated areas of Hamilton County.



The Traffic Department does however complete the "Speed Warrant Analysis" for roads and, if a change of the existing Speed Limit (lower or higher) can be warranted, the study must first have the Board of County Commissioners approval before forwarding to the Director of the Ohio Department of Transportation (ODOT) for them to determine the just and safe speed limit for that road in question. ODOT has the sole authority to set Speed Limits on County Roads.

In the process of performing these studies the Traffic Department gathers data that is valuable to the public for other purposes such as manual and mechanical traffic counts. Another is the gathering of the traffic crash reports from the Sheriff's Office and Township Police Departments into a database that can be used to better pinpoint crash locations by intersection, street address and/or distances from the nearest intersection. Annually the Department will review over 9,000 traffic crash reports. This can assist in ascertaining current and potential problem areas.

The Traffic Department investigates and reports on approximately 250 requests and complaints generated from various sources such as citizens, businesses, schools, public officials, etc. Also, they are responsible for the review of traffic control plans (signal, striping and/or signing). Other duties include preparing detour plans, sending out News Releases to advise the public of possible closures and delays and the layout of newly resurfaced county roads in preparation for striping.

LED SIGNAL SUMMARY

HAMILTON COUNTY

GOES

GREEN

<u>LOCATION TYPE:</u>	<u>#:</u>	<u>LED COMPLETE:</u>	<u>% COMPLETE:</u>
TRAFFIC SIGNALS:	173	150	100%
PEDESTRIAN SIGNALS:	96	173	100%
FLASHERS:	32	32	100%
SCHOOL FLASHERS:	39	39	100%

The new LED type traffic signals require much less energy with the red lens using only 15 watts, the green lens 20 watts and the yellow lens using 22 watts of energy. This translates to a sizeable savings on the electric bill of approximately 80%.

Traffic Department Information --- Continued

New Traffic Signal Installations in 2010:

<u>LOCATION:</u>	<u>TOWNSHIP:</u>
Reed Hartman & Brookwood	Symmes Township

New LED Traffic Signals & Controllers (as part of Road Widening):

<u>LOCATION:</u>	<u>TOWNSHIP:</u>
Ridge & Highland	Columbia Township
Delhi, Klemme & Park	Delhi Township
North Bend & Boomer	Green Township
Galbraith, Mockingbird & Nieman	Springfield Township

Traffic Signal Upgraded with a 170 Controller:

<u>LOCATION:</u>	<u>TOWNSHIP:</u>
Cheviot & Poole	Colerain Township
Galbraith & Ronald Reagan West	Springfield Township

School Flasher Upgraded Location:

<u>LOCATION:</u>	<u>TOWNSHIP:</u>
Whitewater Elementary	Whitewater Township
Symmes Elementary	Symmes Township

Municipalities that were striped in 2010:

Amberley Village
 Anderson Township
 City of Cheviot
 Delhi Township
 City of Fairfax
 Green Hills
 City of Harrison
 Lincoln Heights
 City of Madeira
 Village of Newtown
 City of Norwood
 City of Springdale
 City of Wyoming

The Traffic Department's Sign Shop is responsible for the striping and installation of all pavement markings on County Roads. It also has been used by numerous jurisdictions with Hamilton County for the straight-line striping of their roads.

Sign making assists Hamilton County Soil & Water

In 2010, the Sign shop began working with Hamilton County Soil & Water district by fabricating Stream Crossing Awareness Signs. This saves the district and participating municipalities money by our making them "in house". Previously, these signs were being made by private sign companies at approximately twice the price we can make them for. We are able to make them for less & pass that savings on to the Soil & Water Department.

Meeting the New Standard for Sign Retroreflectivity

In 2010, the Traffic Department started to develop a policy to meet the new standards for sign retroreflectivity as set forth in the Ohio Manual of Uniform Traffic Control Devices (OMUTCD). The county is in the process of measuring the retroreflectivity of each sign that the county is responsible for, to determine if the sign meets the minimum reflectivity standards. It is estimated that the county has over 17,000 on the county roadways.

FINANCIAL REPORT

2010 REVENUE

ROAD & BRIDGE

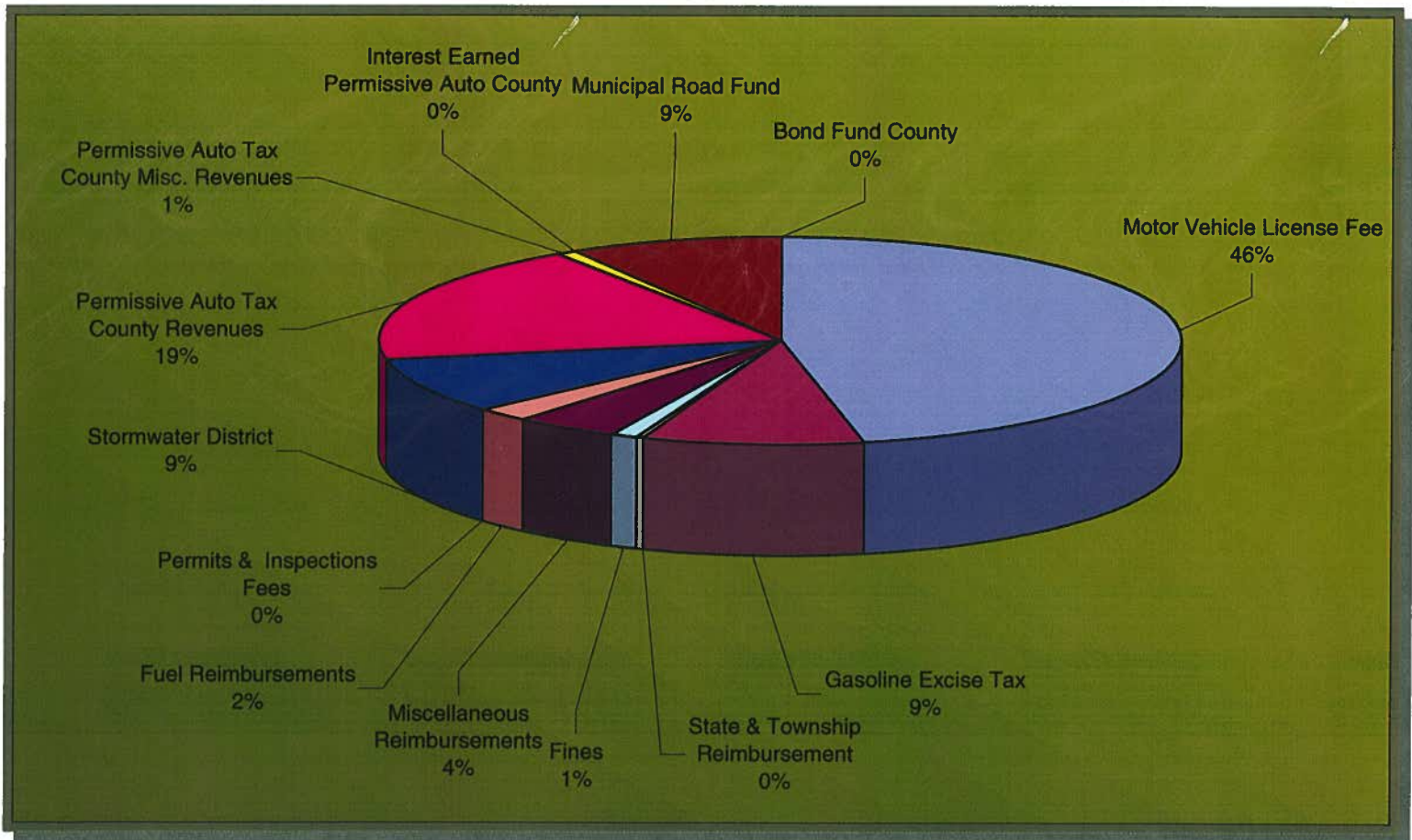
OTHER FUNDS

Motor Vehicle License Fee	\$12,088,947.88	
Gasoline Excise Tax	\$2,366,744.74	
State & Township Reimbursement	\$3,000.01	
Fines	\$345,854.11	
Miscellaneous Reimbursements	\$1,077,626.90	
Fuel Reimbursements	\$526,974.24	
Interest Earned	\$4,875.89	
Permits & Inspections Fees	\$23,765.00	
Storm Water District		\$2,272,996.64
Permissive Auto Tax County Revenues		\$5,011,818.59
Interest Earned Permissive Auto County		\$1,543.24
Municipal Road Fund		\$2,227,792.20
Interest Earned Permissive Auto City		\$1,849.75
Bond Fund County		\$2,940.00
Interest Earned Bond Fund County		\$23.44
Total:	<u>\$16,437,788.77</u>	<u>\$9,518,963.86</u>

GRAND TOTAL:

\$25,956,752.63

2010 REVENUE

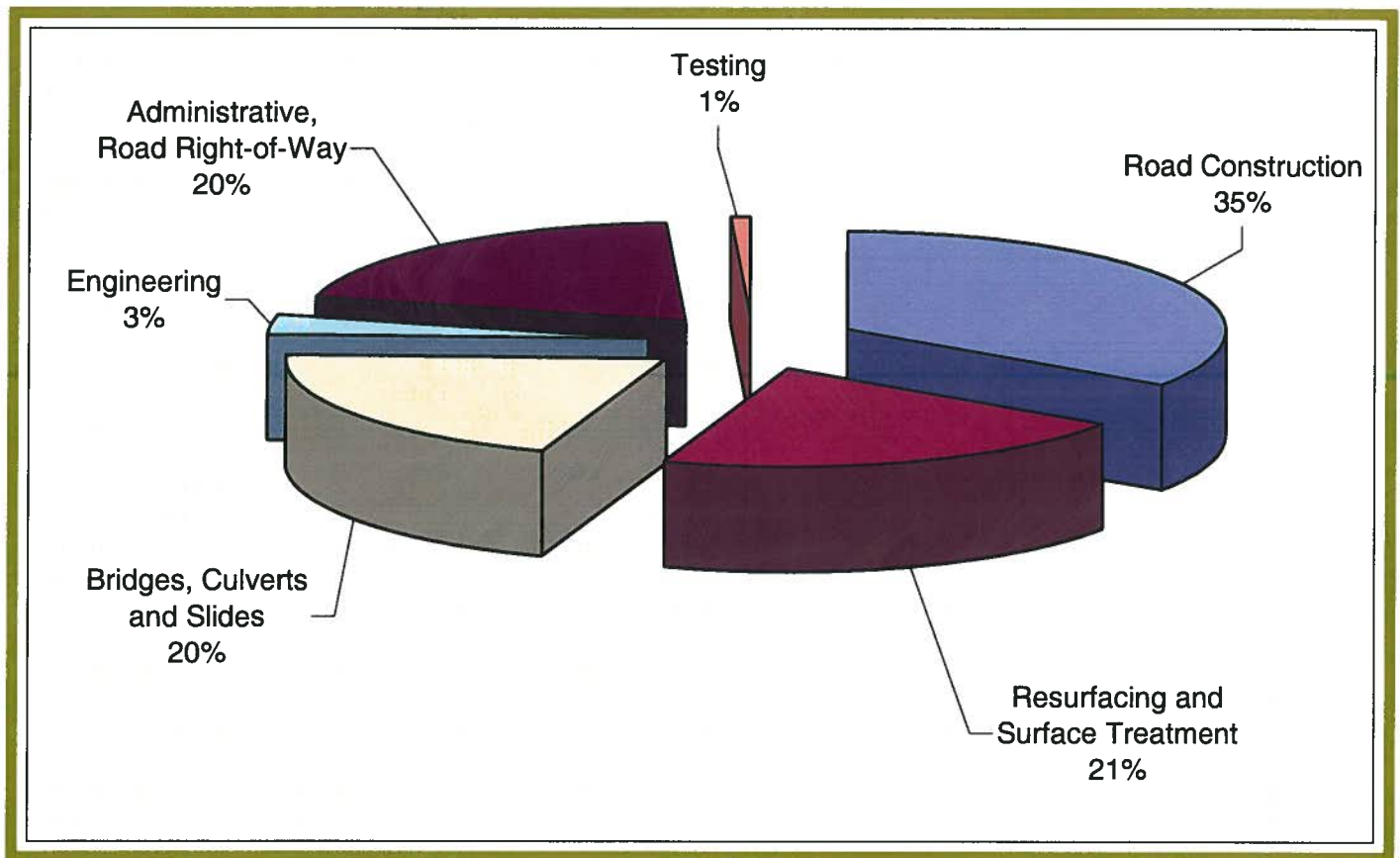


FINANCIAL REPORT—Continued

2010 LOCAL FUNDS INVESTED FOR CAPITAL IMPROVEMENTS

Road Construction	\$1,516,197.95
Resurfacing and Surface Treatment	\$908,895.00
Bridges, Culverts and Slides	\$892,400.00
Engineering	\$147,726.00
Administrative, Sidewalk and Road Right-of-Way	\$878,205.67
Testing	\$42,100.06

Total: \$4,385,524.68



2010 GRANT TOTALS

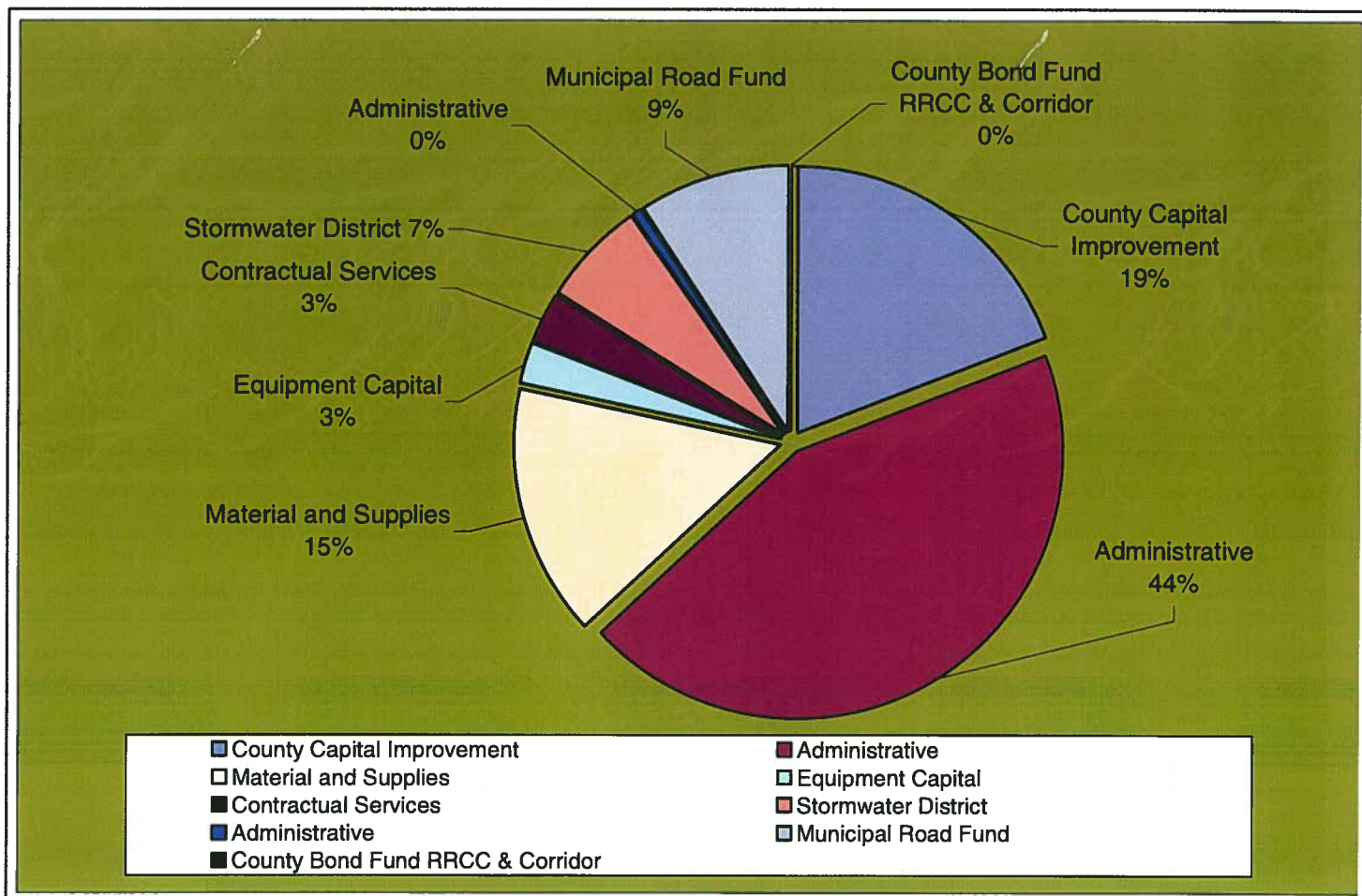
Hamilton County OPWC CB02L	\$200,857.56	WINTON PH III/ PRUS
Hamilton County OPWC CBT09	\$11,014.54	CHEVIOT RD PRUS
Hamilton County OPWC CBU04	\$821,277.96	DELHI RD/ PRUS
Hamilton County OPWC CBU06	\$1,066,263.68	RIDGE & HIGHLAND/ JURGENSEN
Hamilton County OPWC CBU14	\$502,207.96	FIVE MILE RD/ BARRETT

TOTALS: \$2,601,621.70

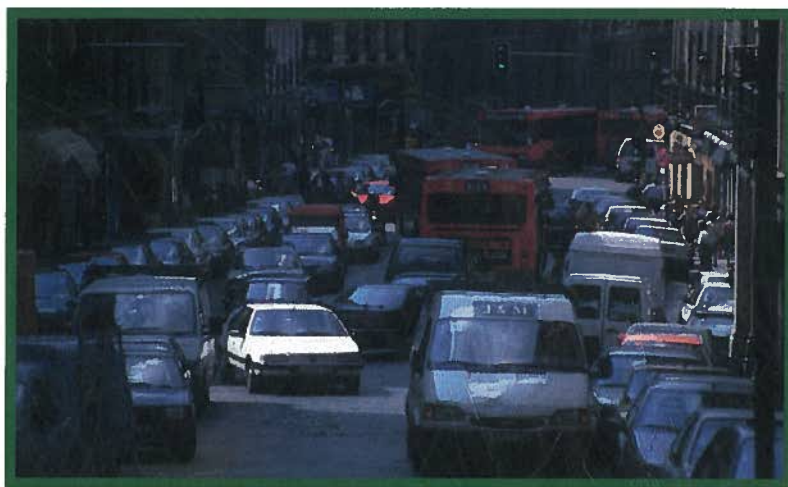
FINANCIAL REPORT—Continued

2010 EXPENDITURES	ROAD & BRIDGE FUND	OTHER FUNDS
County Capital Improvement	\$4,191.56	\$4,381,333.12
Administrative	\$10,053,201.03	
Material and Supplies	\$3,499,198.72	
Equipment Capital	\$585,811.21	
Contractual Services	\$676,784.62	
Storm Water District		\$1,512,469.83
Storm Water Administrative		\$75,114.62
Municipal Road Fund		\$2,121,862.00
County Bond Fund RRCC & Corridor		\$0.00
Total:	<u>\$14,819,187.14</u>	<u>\$8,090,779.57</u>
GRAND TOTAL		<u>\$22,909,966.71</u>

2010 EXPENDITURES



HAMILTON COUNTY MOTOR VEHICLE REGISTRATIONS



T TYPE OF REGISTRATION	2009 DISTRICT UNITS*	2009 TOWNSHIP UNITS*	2010 DISTRICT UNITS**	2010 TOWNSHIP UNITS**
Passenger Car	586,121	222,956	602,244	227,275
Motor Homes	1,996	951	1,914	937
Motorcycles	17,404	7,907	18,242	8,232
House Vehicles	4,010	2,372	4,283	2,542
Mopeds	123	41	127	30
Non-Commercial Trailer	17,192	9,442	17,667	9,738
Non-Commercial Trucks	62,756	28,566	62,970	28,975
Farm Trucks	214	173	209	166
Buses	2,166	266	2,247	325
Commercial Trailers	11,675	3,884	11,303	3,823
Non IRP Trucks	38,057	11,074	37,601	10,548
IRP Trucks	5,721	2,246	6,378	1,736
Transfers	45,820	14,389	43,436	14,558
Conversions & Add Weight	171	43	143	39
TOTAL REGISTRATION:	793,426	304,310	808,764	308,924

**Source: State of Ohio, Bureau of Motor Vehicles as of Dec 2010

*Source: State of Ohio, Bureau of Motor Vehicles as of Dec 2009

CONTACT INFORMATION

HAMILTON COUNTY, STATE OF OHIO

Formed in 1790, Population 2010 Census 855,062 with 414 Square Miles, 12 Townships, 36 other Municipalities, and City of Cincinnati, and over 360,000 parcels of land.

HAMILTON COUNTY ENGINEER WILLIAM W. BRAYSHAW, P.E.-P.S.

Phone: 513-946-4250
Phone: 513-946-8902

Fax: 513-946-4288
Fax: 513-946-8901

Hamilton County Administration Building
138 East Court Street, Room 700
Cincinnati, OH 45202-1258
www.hamilton-co.org/engineer
Email: William.Brayshaw@hamilton-co.org



Office Hours Monday -Friday: 7:30-4:00

General Information	County Administration Building	946-4250
General Information	Burlington Facility	946-8900
Ted B. Hubbard	Chief Deputy Engineer	946-8903
Cathy Listermann	Administrative Secretary	946-8902
Judith Sellmeyer	Office Manager	946-4289
Robert Heidkamp	Deputy Surveyor, GIS, Computer	946-4265
Tim Gilday	Deputy Engineer/ Engineering Services	946-8914
Chad Faubert	Project Funding Coordinator	946-8912
Tom Brayshaw	Bridge Engineer	946-8419
Greg Gelhausen	Fleet Superintendent	946-8409
Eric Beck	Deputy Engineer/Field Operations	946-8432
Patricia M. Day	Fiscal Officer	946-4255
Joe Disque	Tax Map	946-4259
Robin Hopper	Purchasing Agent I (Field Office)	946-8404
Michelle McMullen	Road Records Supervisor	946-4299
Todd Long	Drainage Engineer	946-4254
Duane Fuchs	Western Maintenance	946-4969
Mike Roach	Central Maintenance	946-8900
Kirk Music	Eastern Maintenance	946-4979
Jeff Newby	Traffic Engineer	946-8421
Rick Feller	Sign Shop	946-8415
Tom Spille	Traffic Signals	946-8412
Gina Stammer	Personnel Office Supervisor	946-4264

Board of County Commissioners	946-4400	Hamilton County Public Health	946-7800
Cincinnati Metropolitan Housing	721-4580	Job & Family Services	946-1000
Community Development	946-8230	Mental Health Board	946-8600
County Administrator	946-4420	Mental Retardation & Developmental	
County Auditor	946-4000	Disabilities Board	794-3300
Building Commissioner	946-4550	Metropolitan Sewer District	244-5500
Clerk of Courts-Auto Title	946-4646	Ohio Kentucky Indiana (OKI)	621-6300
Communications Center	825-2170	Park Board	521-7275
County Prosecutor	946-3000	Public Works	946-4750
Hamilton County Coroner	946-8700	Hamilton County Recorder	946-4600
County Facilities	946-5000	Regional Computer Center	352-6400
County Personnel	946-4700	Department of Building	946-4500
Board of Education	674-4200	Hamilton County Sheriff	946-6400
Board of Elections	632-7000	Soil & Water Conservation	772-7645
Emergency Management	851-7080	Hamilton County Treasurer	946-4800
Environmental Services	946-7777	Veterans Service Commission	946-3300
Animal Shelter (SPCA)	541-6100	Zoning	946-4502



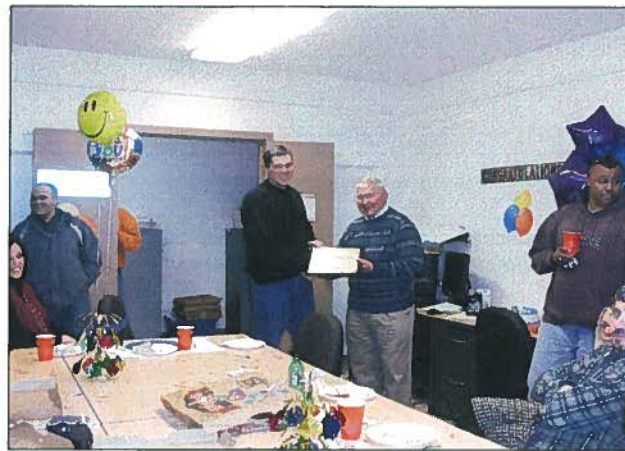
OHIO DEPARTMENT OF TRANSPORTATION

JOHN R. KASICH, OHIO GOVERNOR

JERRY WRAY, ODOT DIRECTOR

On Thursday January 20, 2011-Ohio Department of Transportation (ODOT) Director Jerry Wray announced the appointment of the department's twelve new District Deputy Directors.

Steve Mary was one of the Twelve Newly announced District Deputy Directors.



Steve Mary, P.E., District 8 (Lebanon) - Having begun his career at ODOT as an Intern after graduating from the University of Cincinnati with a B.S. in Civil Engineering, Mary has spent the past 25 years at the Hamilton County Engineers Office as a Bridge Engineer and several other transportation related positions.

Steve Mary Retired from the Hamilton County Engineers Department on Friday February 4, 2011.

“CONGRATULATIONS”



**WILLIAM W. BRAYSHAW, P.E.- P.S.
HAMILTON COUNTY ENGINEER**

**138 EAST COURT STREET, ROOM 700
CINCINNATI, OHIO 45202**

513.946.4250 FAX: 513.946.4288

EMAIL: www.hamilton-co.org/engineer