

Owensboro – Daviess County Metropolitan Planning Organization (MPO)
Year of Expenditure Report
February 2008

The MPO will be making the following assumptions regarding the Year of Expenditures:

1. The projects that in the 2010 listing will not be calculated for future years dollars. These projects are already in current dollars.

There are several projects in the 2010 year that will not be used in the fiscal constraint. These projects will either be let for construction next year or the planning studies will begin next year. The projects not being considered are as follows:

US 60 Bypass Extension GR-02-0001	Project being let during September 2008
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Frederica St and MLK Intersection GR-02-0043	Project is complete
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Planning Studies to determine interstate standards

Audubon Parkway	GR-02-0060
Natcher Parkway	GR-02-0061
US 60 Bypass (Outer Loop)	GR-02-0062

Outer Blvd Corridor Study	GR-02-0038
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The Outer Blvd project will probably be decided by the above interstate standards studies.

Maintenance Projects

KY 279 – Bridge Replacement	GR-02-0052
CR-5060 – Bridge Replacement	GR-02-0065
Natcher Parkway Pavement Rehab	Completed

2. The projects in the out years will be banded, such as, projects in the 2020 forecast year, will forecast for construction during the years, 2015 and 2020. The remaining projects are already set for forecast years during 2025 and 2030. The beginning year used to calculate future year costs will be 2008.
3. The rate to be utilized for Future Year of Expenditure will be 4.25 per cent per year.
4. Between the years of 2002 and 2007, the MPO had an increase of 13.7 percent in funding from \$7.3 million to \$8.3 million, for future year construction. Therefore, the MPO will utilize a 2.7 percent increase for each future year to determine fiscal constraint.

5. The MPO states that the City of Owensboro, Daviess County, and Local Developers contribute \$1.0 million each per year for road construction projects. The MPO will also increase this funding in the future years by the same rate of 2.7 percent per year.

2030 Long Range Transportation Plan
Year of Expenditure Report

The Owensboro – Daviess County MPO will be using an inflation factor of 4.25 percent per year to determine future year costs for projects identified in the MPO 2030 Long Range Transportation Plan. This was determined in consultation with the Kentucky Transportation Cabinet (KYTC).

The MPO will be utilizing an inflation factor of 2.7 percent per year to calculate future revenues for construction projects. This percent will be applied to the funds received from the KYTC, City of Owensboro, Daviess County, and local developers.

The beginning fund balances are indicated below:

KYTC	\$8,300,000
City of Owensboro	\$1,000,000
Daviess County	\$1,000,000
Local Developers	\$1,000,000

Date	Funding Types	Est. Cost	Est. Revenue
2010	Capacity-adding Projects	\$38,378,000	\$35,763,773
	Operations-Maintenance	\$1,586,194	\$1,571,465
	2010 Total	\$39,964,194	\$37,335,238
2015	Capacity-adding Projects	\$96,471,869	\$66,340,589
	Operations-Maintenance	\$1,953,154	\$1,935,018
	2015 Total	\$98,425,023	\$68,275,607
2020	Capacity-adding Projects	\$28,267,455	\$75,793,427
	Operations-Maintenance	\$3,447,771	\$2,382,678
	2020 Total	\$31,715,226	\$78,176,105
2025	Capacity-adding Projects	\$38,709,738	\$86,593,193
	Operations-Maintenance	\$4,245,401	\$2,933,902
	2025 Total	\$42,955,139	\$89,527,095
2030	Capacity-adding Projects	\$36,986,038	\$98,931,815
	Operations-Maintenance	\$5,227,560	\$3,612,650
	2030 Total	\$42,213,598	\$102,544,465
	Grand Total	\$255,273,180	\$375,858,510

The above figures indicate that the Owensboro – Daviess County 2030 Long Range Transportation Plan is within Fiscal Constraint.

Taking into consideration that Kentucky receives only \$0.92 for every \$1.00 that is sent to Washington, D.C., the estimated revenue can be reduced to indicate what actually might be a more accurate estimate of revenue.

	\$375,858,510
	<u>X 0.92</u>
Total	\$345,789,510

The illustration indicates that using only 92 percent of the total estimated revenue from above, the Owensboro – Daviess County 2030 Long Range Transportation Plan would still be within fiscal constraint.

LONG RANGE TRANSPORTATION PLAN
MPO PRIORITY PROJECTS
YEAR OF EXPENDITURE (YOE)

Project
ID
Number

GR-02-0001	US 60 BYPASS EXTENSION YOE 2010	\$71,500,000 Current Year
GR-02-0003	SOUTHTOWN BLVD CARTER ROAD TO US 431 YOE 2010	\$8,600,000 \$9,315,577
GR-02-0012	KY 54 THRUSTON-DERMONT ROAD TO JACK HINTON ROAD YOE 2020	\$22,750,000 \$32,482,731
GR-02-0064	KY 81/KY 56/WORTHINGTON ROAD ROUNDABOUT YOE 2010	\$1,395,000 \$1,511,073
GR-02-0013	FREDERICA STREET SUB-AREA STUDY YOE 2010	\$500,000 \$541,603
GR-02-0014	KY 81 WIDEN KY 81 FROM AIRPORT ROAD TO KY 56/WORTHINGTON ROAD INTERSECTION YOE 2010	\$3,205,000 \$3,471,677
GR-02-0052	PANTHER CREEK BRIDGE YOE 2010	\$1,270,000 \$1,375,672
GR-02-0065	BLACKFORD CREEK BRIDGE YOE 2010	\$980,000 \$1,061,543
GR-02-0017	THRUSTON-DERMONT ROAD FROM KY 54 TO HAYDEN ROAD YOE 2020	\$6,800,000 \$9,614,455
GR-02-0066	NATCHER PARKWAY PAVEMENT REHAB YOE 2008	\$4,100,000 Completed
GR-02-0038	OUTER BLVD CORRIDOR ANALYSIS YOE 2010	\$1,000,000 \$1,083,207
GR-02-0018	PLEASANT VALLEY ROAD US 60 EAST - HAYDEN ROAD YOE 2020	\$5,500,000 \$7,776,398

LONG RANGE TRANSPORTATION PLAN
MPO PRIORITY PROJECTS
YEAR OF EXPENDITURE (YOE)

Project ID Number		
GR-02-0019	DANIELS LANE RAILROAD - HAYDEN ROAD YOE 2020	\$2,000,000 \$2,827,781
GR-02-0020	W. H. NATCHER PARKWAY INTERCHANGE YOE 2020	\$15,000,000 \$21,208,357
GR-02-0063	KY 144 - HORIZONTAL ALIGNMENT YOE 2020	\$3,250,000 \$4,595,144
GR-02-0043	OLD HARTFORD RD BURLEW BLVD TO HARRIET LANE YOE 2010	\$22,900,000 \$24,805,433
GR-02-0021	FAIRVIEW DRIVE EXTENSION YOE 2010	\$2,100,000 \$2,274,734
GR-02-0022	EAST 9th STREET HALL ST - LEITCHFIELD RD YOE 2010	\$1,048,000 \$1,135,201
GR-02-0023	KY 56: 4 FOOT SHOULDERS YOE 2010	\$7,300,000 \$7,907,409
GR-02-0024	SOUTHEASTERN PARKWAY YOE 2020	\$2,500,000 \$3,534,726
GR-02-0025	KY 81 YOE 2020	\$16,700,000 \$23,611,971
GR-02-0026	KELLER ROAD YOE 2020	\$7,900,000 \$11,169,735
GR-02-0027	EAST 26th STREET YOE 2010	\$2,820,000 \$3,054,643
GR-02-0028	US 231 YOE 2025	\$10,300,000 \$16,638,157
GR-02-0029	WEST 5th STREET ROAD YOE 2025	\$5,300,000 Completed

LONG RANGE TRANSPORTATION PLAN
MPO PRIORITY PROJECTS
YEAR OF EXPENDITURE (YOE)

Project ID Number		
GR-02-0030	OLD HARTFORD ROAD BRECKENRIDGE ST – BURLEW BLVD YOE 2010	\$5,300,000 \$5,740,995
GR-02-0031	SOUTHTOWN BLVD J. R. MILLER BLVD – US 431 YOE 2010	\$800,000 \$866,565
GR-02-0033	US 431 YOE 2025	\$8,000,000 \$12,922,840
GR-02-0034	EAST 18th STREET J. R. MILLER BLVD – BRECKENRIDGE ST YOE 2010	\$6,400,000 \$6,932,523
GR-02-0035	INDUSTRIAL DRIVE YOE 2010	\$2,565,000 \$2,778,425
GR-02-0036	EWING ROAD YOE 2010	\$6,150,000 \$6,661,721
GR-02-0037	EAST BYERS AVENUE YOE 2010	\$2,000,000 \$2,166,413
GR-02-0045	SETTLES ROAD YOE 2030	\$4,600,000 \$8,489,420
GR-02-0046	MARTIN LUTHER KING BLVD EXTENSION YOE 2030	\$3,000,000 \$5,536,578
GR-02-0047	TODD BRIDGE ROAD YOE 2030	\$4,500,000 \$8,304,868
GR-02-0048	OLD HARTFORD ROAD FAIRVIEW DRIVE INTERSECTION YOE 2030	\$2,100,000 \$3,875,605
GR-02-0060	AUDUBON PARKWAY INTERSTATE STUDY YOE 2010	\$150,000 Under Contract
GR-02-0061	NATCHER PARKWAY INTERSTATE STUDY YOE 2010	\$175,000 Under Contract

LONG RANGE TRANSPORTATION PLAN
MPO PRIORITY PROJECTS
YEAR OF EXPENDITURE (YOE)

Project
ID
Number

GR-02-0062 US 60 BYPASS INTERSTATE STUDY
YOE 2010

\$100,000
Under Contract

TOTAL

\$272,658,000

Year of Expenditure

\$255,273,180

LONG-RANGE TRANSPORTATION PLAN
UNFUNDED PROJECTS LIST

Project
ID
Number

GR-02-0040	OUTER BLVD	\$24,500,000
GR-02-0041	US 60 WEST BYPASS TO HENDERSON COUNTY	54,800,000
GR-02-0042	KY 144 US 60 EAST TO KY 69	37,500,000
GR-02-0032	COUNTYWIDE SIGNAGE	150,000