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**\*\*MEETING LOCATION\*\***  
**MVRPC - 10 N. LUDLOW – SUITE 700**

**Miami Valley Regional Planning Commission  
 Technical Advisory Committee (TAC) Meeting**

**Thursday, December 18, 2014  
 9:30 AM**

<u>Item</u>	<u>Topic</u>	<u>Page</u>	<u>Est. Time</u>	<u>Presenter</u>
I.	Introductions		9:30	B. Geyer
* II.	Approval of November 20, 2014 Meeting Minutes	1	9:33	B. Geyer
III.	Public Comment Period on Action Items		9:34	B. Geyer
<b>IV.</b>	<b>MPO (METROPOLITAN PLANNING ORGANIZATION) ACTION ITEMS</b>			
* A.	Recommended adoption of Amendment to MVRPC's SFY2014-2017 Transportation Improvement Program (TIP)	4	9:35	P. Arnold
<b>V.</b>	<b>INFORMATION ITEMS</b>			
* A.	Updates to the Dayton Source Water Protection Plan		9:45	M. Lindsay
B.	MVRPC Capital Funding Program	23	9:55	B. Martin
* VI.	<b>EXECUTIVE DIRECTOR'S REPORT</b>	28	10:05	B. Martin
VII.	<b>ADJOURNMENT</b>		10:15	B. Geyer

\* Attachment

\*\*Handout

Interpreters for hearing-impaired individuals are available upon request; requests should be made at least one week ahead.

**\*\*THE NEXT TAC MEETING IS THURSDAY, JANUARY 22, 2015\*\***

**MIAMI VALLEY REGIONAL PLANNING COMMISSION  
TECHNICAL ADVISORY COMMITTEE  
NOVEMBER 20, 2014  
MINUTES**

Paul Arnold, MVRPC  
Pete Bales, City of Fairborn  
Russell Bergman, City of Huber Heights  
Julie Black, MVRPC  
Ann Burns, MVRPC  
Emily Christian, City of Riverside  
Kenneth Collier, Greene County Transit  
Barry Conway, City of Franklin  
Joseph Cottrill, CDS Associates, Inc.  
John Davies, Washington Township  
Chad Dixon, City of Springboro  
Frank Ecklar, GDRTA  
Michael Eddy, LJB, Inc.  
Robert Geyer, Greene County Engineer  
Billy Grill, TEC Engineering  
Paul Gruner, Montgomery County Engineer  
Mike Hammes, City of Moraine

Amy Havenar, City of Piqua  
Kyle Hinkleman, Miami Township  
Paul Huelskamp, Miami County Engineer  
Martin Kim, MVRPC  
Matthew Lindsay, MVRPC  
Tom Long, City of Oakwood  
Brian Martin, MVRPC  
Richard Norton, City of West Carrollton  
Ana Ramirez, MVRPC  
Jillian Rhoades, City of Troy  
Nick Smith, City of Beavercreek  
Keith Steeber, City of Dayton  
Deborah Swan, City of Troy  
Ronald Thuma, Monroe Township  
Bradley Vath, City of Tipp City  
Greg Wallace, Village of Carlisle  
Larry Weissman, Montgomery County

**I. INTRODUCTION**

Chair Geyer called the meeting to order. Self-introductions were made.

**II. APPROVAL OF SEPTEMBER 18, 2014 MEETING MINUTES**

Mr. Hammes made a motion to approve minutes. Mr. Ecklar seconded. The motion passed unanimously.

**III. Public Comment Period on Action Items**

None

**IV. RPC (REGIONAL PLANNING COMMISSION) ACTION ITEMS**

**A. Recommended approval of Resolution Supporting Water Quality Credit Trading Program**

Mr. Lindsay presented information about the Water Quality Credit Trading program, using some slides from Sarah Hippensteel's prior presentation. Mr. Lindsay presented three maps that show the location of the urbanized area in the Great Miami River watershed along the main stem of the river. Maps from MCD and Ohio EPA also indicate that the rivers have been found to be meeting water quality standards in the main stem, but are showing diminished water quality in the head waters areas where agricultural land uses dominate. MCD along with five founding investors piloted the Water Quality Credit Trading program in 2004 to demonstrate how investments in agricultural best practices could prevent nutrient runoff into the head waters streams at a fraction of the cost (per pound) of technological upgrades at wastewater treatment plants. He explained that eleven rounds of funding resulting in nearly 400

projects and nearly \$1.7 million invested has demonstrated the viability of the model. At this time the wastewater treatment plant operators are negotiating with the Ohio EPA to keep water quality credit trading as an option for permit compliance. Mr. Lindsay stated that staff recommends the proposed resolution to provide the Regional Planning Commission's preference that common sense approaches to water quality protection are favored. Mr. Vagades made a motion to approve. Mr. Bales seconded the motion. The motion passed unanimously.

## **V. MPO (METROPOLITAN PLANNING ORGANIZATION) ACTION ITEMS**

### **A. Recommended Approval of FY2015 STP Loan to the County Engineer's Association of Ohio (CEAO)**

Mr. Arnold referred to a memo on page 6 of the mailout explaining that staff recently received a request from the CEAO for a \$4,000,000 loan from MVRPC for SFY2015 STP funds for repayment in SFY2016. He explained that the purpose of the loan would be to advance a Miami County Engineer's project currently funded by CEAO, from SFY2016 into SFY2015 in order to complete the project with an adjacent project funded by MVRPC in one construction season. Mr. Arnold stated that this loan would also benefit the Region by reducing the amount of STP surplus in SFY2015, therefore, staff recommends approval of this loan request. Mr. Huelskamp made a motion to approve. Ms. Havener seconded the motion. The motion passed unanimously.

### **B. Recommended Adoption of Amendment to MVRPC's SFY2014-2017 Transportation Improvement Program (TIP)**

Mr. Arnold referred to a memo on page 8 of the mailout explaining that numerous modifications to the programming documents for various projects has resulted in the need for a TIP amendment. He referred to the project tables for each county as well as the areawide projects. Mr. Arnold stated that staff does recommend adoption of this TIP amendment, and referred to a resolution on page 24 of the mailout. Mr. Gruner made a motion to recommend adoption. Mr. Smith seconded the motion. The motion passed unanimously.

## **VI. INFORMATION ITEMS**

### **A. Proposed new projects requesting MVRPC's STP, CMAQ and TA Funds**

Mr. Arnold referred to a memo on page 25 of the mailout and reviewed a table showing the total funds requested and total project costs for STP, CMAQ and TA funding. He explained that the project solicitation period was from September 9 to October 9, and a Public Involvement meeting was held on November 6<sup>th</sup>. No formal comments were received. Mr. Arnold stated that the complete list of projects was included in the mailout beginning on page 26 and the final list will be forwarded during the February/March meeting cycle for final approval.

### **B. Regional Profiles**

Ms. Black made a presentation about two new data products available on the MVRPC webpage. The first is an update of the regional profiles using the new five-year American Community Survey (ACS) data. She explained that the ACS is the Census Bureau's replacement for the Decennial Census' long form (SF3) data. Ms. Black cautioned data users to pay attention to the margins of error in the data. She provided a link for the webpage <<http://mvrpc.org/resources/resource-center/acs>> MVRPC has built to share data. Ms. Black showed examples of maps and tables available, and encouraged anyone with difficulty understanding the ACS, or obtaining or using the data to contact her for assistance.

Next, Ms. Black discussed a new data product for MVRPC, the Longitudinal Employer-Household Dynamics (LEHD) program. She explained that this data on employment was of better quality, but still had limitations. She told the audience that while much of the data can be explored at the Census Bureau's LEHD website at <<http://onthemap.ces.census.gov/>>, MVRPC staff has performed more detailed analysis. She described what viewers can find at the new MVRPC webpage for this dataset, at <<http://mvrpc.org/data-mapping/census/longitudinal-employer-household-dynamics>>, including examples of the maps. She concluded by advising that help was available for this data as well, and gave her contact information.

### **C. 2015 MVRPC Meeting Calendar**

Chair Geyer referred to the list of meetings for 2015 on page 33 of the mailout. The new TAC meeting location will be 10 N. Ludlow St., Suite 700 beginning on December 18<sup>th</sup>.

## **VII. EXECUTIVE DIRECTOR'S REPORT**

Mr. Martin referred to the October Executive Director's report on page 35 of the mailout, reporting on some recent GIS Mapping Awards, the TRAC presentations and an update on the administrative move to 10 N. Ludlow. He also provided a handout of the upcoming December ED report, which included information regarding a change in meeting locations for both TAC and the Board of Directors as well as an update on numerous current MVRPC projects. Mr. Martin also reported that Hafenbrack Marketing has been hired to lead the agency's branding and identity campaign, which will include a new website. The report also provided a list of upcoming meetings.

## **VIII. ADJOURNMENT**

Ms. Swan made a motion to adjourn. Mr. Norton seconded the motion. The motion passed unanimously.

## MEMORANDUM

**To:** Technical Advisory Committee, Board of Directors  
**From:** MVRPC Staff  
**Date:** December 11, 2014  
**Subject:** SFY2014-SFY2017 Transportation Improvement Program (TIP) Amendment #16

Over the last few months MVRPC, ODOT, Greene CATS and GDRTA have made numerous modifications to the programming documents for various projects resulting in the need for an SFY2014-SFY2017 TIP amendment. The attached TIP Tables 4.1, 4.2, 4.3, 4.4, 4.5, 5.1 and 5.3 reflect the updated information for each specific project. A TIP terminology explanation chart of key abbreviations used in the highway/bikeway tables proceeds Table 4.1. A resolution adopting the proposed TIP amendment is attached for your review and consideration.

These TIP amendments will not affect the regional air quality emission analysis.

The MVRPC staff recommends your approval.

Attachments:

- (1) TIP Abbreviation Table
- (2) Amended MVRPC TIP tables: 4.1, 4.2, 4.3, 4.4, 4.5, 5.1 and 5.3.
- (3) Resolution Adopting Amendments to the SFY2014-2017 TIP

## EXPLANATION OF ABBREVIATIONS USED IN TABLES 4.1 – 4.7

### **Project I.D. #**

First Three Characters  
 000 = Unique Project Number  
 Decimal Character = Subtype (as described below)  
 .1 = New Construction  
 .2 = Reconstruction  
 .3 = Resurface  
 .4 = Safety Improvement  
 .5 = Bridge Replacement/Rehabilitation  
 .6 = Signal Improvement  
 .7 = Bikeway/Pedestrian Improvement  
 .8 = Other Improvements

### **PID #**

ODOT "Project Identification Number"

### **Air Quality Status**

Identifies projects which were included  
 in the LRTP air quality conformity analysis  
 Upper Row = Project is Exempt or was Analyzed  
 Lower Row = Build Year Scenario (2015, 2020 or 2030)

### **Phase of Work**

PE -Environmental and Contract Plan Preparation  
 R -Right-of-Way Acquisition  
 C -Construction  
 SPR -Federal State Planning and Research  
 OP -Operating  
 OTH -Other

### **FUND CODES, DESCRIPTION AND TYPICAL FUNDING SPLIT**

#### **Federal Allocation of ODOT or County Engineer Association Controlled Funds**

	<u>Typical Fed./Local Share</u>
BR -Bridge Replacement and Rehabilitation	80/20
CPG -Consolidated Planning Grant	80/20
CST -Surface Transportation Program (County Engineer's Association Allocation)	80/20
EAR -Federal Earmark, Specific Source Undetermined at this Time	Varies
FDCB -Federal Discretionary for Covered Bridges	80/20
HPPP -MAP-21 High Priority Projects	80/20
HSIP -Highway Safety Improvement Program	90/10
IM -Federal-Aid Interstate Maintenance (Resurfacing, Restoring, Rehabilitation)	90/10
NCBP -National Corridors and Borders Program	80/20
NH -National Highway System	80/20
NHPP -National Highway Performance Program	80/20
SPR -Federal State Planning and Research	80/20
SRTS -Safe Routes to School	100
STA -Surface Transportation Program (Transportation Alternatives Set-aside)	80/20
STD -Surface Transportation Program (Discretionary)	80/20
STE -Surface Transportation Program (Transportation Enhancement Set-aside)	80/20
TCSP -Transportation and Community and System Preservation Program	80/20

#### **Federal Allocation of MVRPC Funds**

	<u>Fed./Local Share</u>
CMAQ -Congestion Mitigation and Air Quality	Varies
STP -Surface Transportation Program	Varies
TA -Surface Transportation Program (Transportation Alternatives Set-aside)	Varies
TE -Surface Transportation Program (Transportation Enhancement Set-aside)	Varies

#### **Other Funding Sources**

	<u>Other/Local Share</u>
CDBG -Community Development Block Grant	Varies
LOCAL -Local Funds	0/100
ODOD -Ohio Department of Development	Varies
OPWC -Issue 2/LTIP	80/20
STATE -ODOT State Funds	0/100

**Table 4.1 RECOMMENDED SFY2014-SFY2017 TRANSPORTATION IMPROVEMENT PROGRAM (HIGHWAY, BIKEWAY AND OTHER PROJECTS)**

**Greene County Projects**

		COUNTY, ROUTE, SECTION, LOCATION AND TERMINI	TOTAL COST (000)	PROJECT SPONSOR	COMMENTS				
MVRPC #	1548.7	GRE - Ohio to Erie Bikeway Resurfacing Ohio to Erie Trail from Hill Street in Xenia to the Greene/Clark County Line near Chillicothe Street (including all spurs)-Resurfacing.	\$651	Greene Co. Parks	Project cancelled by project sponsor and will be deleted from the TIP.				
ODOT PID #	96202								
Let Type:	Traditional								
A.Q. STATUS	Exempt								
	PHASE	FUND	PRIOR	SFY2014	SFY2015	SFY2016	SFY2017	Future	
	CON	LOCAL				\$163			
	CON	STP				\$488			
MVRPC #	1560.5	GRE - Stevenson Covered Bridge Rehab Stevenson Road over Massie's Creek-Total rehabilitation of bridge. Existing bridge is a historic timber truss covered bridge.	\$726	Greene County	Decreased Local construction funds to reflect changes in Ellis.				
ODOT PID #	95385								
Let Type:	Local-let								
A.Q. STATUS	Exempt								
	PHASE	FUND	PRIOR	SFY2014	SFY2015	SFY2016	SFY2017	Future	
	CON	FDCB			\$507				
	CON	LOCAL			\$219				
MVRPC #	1409.7	GRE - Sugarcreek SRTS 12 Feedwire Upper Bellbrook Road from existing path to school; Feedwire Road from existing path to Eden Meadows Way-Extend existing path from school, south to existing path by water tower on east side of Upper Bellbrook Road to connect to school sidewalk; extend path from school to Eden Meadows Way on south side	\$809	ODOT District-8	Increased Federal construction funds to reflect changes in Ellis.				
ODOT PID #	93532								
Let Type:	Traditional								
A.Q. STATUS	Exempt								
	PHASE	FUND	PRIOR	SFY2014	SFY2015	SFY2016	SFY2017	Future	
	ENG	SRTS	\$63						
	ROW	SRTS			\$50				
	CON	SRTS					\$696		
MVRPC #	1588.7	GRE - Sugarcreek SRTS 2013 Upper Bellbrook Road from Feedwire Road to Kable's Mill Drive-Construct a shared use path. Improve existing connection from Rose Lake Drive to the Bellbrook campus.	\$80	ODOT District-8	Deleted Federal construction funds to reflect changes in Ellis. Construction to be completed under PID 93532.				
ODOT PID #	96356								
Let Type:	Traditional								
A.Q. STATUS	Exempt								
	PHASE	FUND	PRIOR	SFY2014	SFY2015	SFY2016	SFY2017	Future	
	ENG	SRTS		\$68					
	ROW	SRTS			\$12				

**Table 4.1 RECOMMENDED SFY2014-SFY2017 TRANSPORTATION IMPROVEMENT PROGRAM (HIGHWAY, BIKEWAY AND OTHER PROJECTS)**

**Greene County Projects**

		COUNTY, ROUTE, SECTION, LOCATION AND TERMINI			TOTAL COST (000)	PROJECT SPONSOR	COMMENTS			
MVRPC #	1608.4	GRE - VAR Guardrail FY2015 Various county roads in Greene County-Installation and upgrade of guardrail.			\$338	Greene County	Increased Local construction funds to reflect changes in Ellis.			
ODOT PID #	97369									
Let Type:	Local-let									
A.Q. STATUS	Exempt									
	PHASE	FUND	PRIOR	SFY2014	SFY2015	SFY2016	SFY2017	Future		
	CON	HSIP			\$300					
	CON	LOCAL			\$38					
MVRPC #	1410.7	GRE - Yellow Springs SRTS Sidewalks Village of Yellow Springs-Install sidewalks, pavement markings and signing at various locations near the schools inside the village.			\$363	Yellow Springs	Construction delayed from SFY2016 to SFY2017, increased Federal PE, R/W and construction funds, and added State construction funds to reflect changes in Ellis.			
ODOT PID #	93536									
Let Type:	Traditional									
A.Q. STATUS	Exempt									
	PHASE	FUND	PRIOR	SFY2014	SFY2015	SFY2016	SFY2017	Future		
	ROW	SRTS			\$89					
	ENG	SRTS			\$73					
	CON	SRTS					\$197			
	CON	STATE					\$4			
MVRPC #	1546.3	GRE009/142-03.34/02.47 North Fairfield Road from Beaver Vu Drive to just north of Pebble Creek Drive; Dayton-Xenia Rd. from 750' west of North Fairfield Rd to North Fairfield Rd-Milling and resurfacing of the roadway. Also included are the upgrading of curb ramps, repair to deteriorated curb and sidewalk, and the installation of raised			\$1,001	Beavercreek	Decreased Local construction funds to reflect changes in Ellis.			
ODOT PID #	95754									
Let Type:	Local-let									
A.Q. STATUS	Exempt									
	PHASE	FUND	PRIOR	SFY2014	SFY2015	SFY2016	SFY2017	Future		
	ENG	LOCAL		\$86						
	CON	LOCAL			\$244					
	CON	STP			\$671					
MVRPC #	432.8	GRE035-04.26/06.20 US35-Shakertown Rd. to Valley/Trebein Rds.-Eliminate at-grade intersections with full movement interchanges at Factory and Valley/Trebein Rds.			\$115,947	ODOT District-8	Added State PE funds in SFY2015, increased R/W cost and construction delayed from SFY2017 to SFY2020 to reflect changes in Ellis.			
ODOT PID #	80468									
Let Type:	Traditional									
A.Q. STATUS	Analyzed 2020 Build									
	PHASE	FUND	PRIOR	SFY2014	SFY2015	SFY2016	SFY2017	Future		
	ENG	EAR	\$2,734							





**Table 4.1 RECOMMENDED SFY2014-SFY2017 TRANSPORTATION IMPROVEMENT PROGRAM (HIGHWAY, BIKEWAY AND OTHER PROJECTS)**

**Greene County Projects**

		COUNTY, ROUTE, SECTION, LOCATION AND TERMINI			TOTAL COST (000)	PROJECT SPONSOR	COMMENTS			
MVRPC #	432.8	GRE035-04.26/06.20			\$115,947	ODOT District-8	Added State PE funds in SFY2015, increased R/W cost and construction delayed from SFY2017 to SFY2020 to reflect changes in Ellis.			
ODOT PID #	80468	US35-Shakertown Rd. to Valley/Trebein Rds.-Eliminate at-grade intersections with full movement interchanges at Factory and Valley/Trebein Rds.								
Let Type:	Traditional									
A.Q. STATUS	Analyzed 2020 Build									
	PHASE	FUND	PRIOR	SFY2014	SFY2015	SFY2016	SFY2017	Future		
	ENG	STP	\$1,000							
	ENG	NHPP	\$630	\$505						
	ENG	NH			\$2,340					
	ENG	STATE			\$18					
	ROW	TRAC				\$8,000				
	ENG	TRAC				\$2,295				
	CON	TRAC						\$98,425		
MVRPC #	1518.5	GRE035/380-09.58/06.71			\$1,839	ODOT District-8	Increased Federal and State construction funds to reflect changes in Ellis.			
ODOT PID #	87218	US 35 over Gladly Run; SR 380 over US 35-Bridge rehabilitations.								
Let Type:	Traditional									
A.Q. STATUS	Exempt									
	PHASE	FUND	PRIOR	SFY2014	SFY2015	SFY2016	SFY2017	Future		
	CON	NHPP				\$1,471				
	CON	STATE				\$368				
MVRPC #	1646.2	GRE046-00.00			\$1,410	Beavercreek	New project, not in current TIP. Adding MVRPC STP PE funds to project based on request from project sponsor.			
ODOT PID #	98125	Grange Hall Rd. from 650' south of Col. Glenn Hwy to Col. Glenn Hwy.; National Rd. from Col. Glenn Hwy. to Beavercreek northern corp. limit-Widening for right turn lanes, extension of second northbound thru-lane, signal modifications, milling and resurfacing, installation of curb, gutter, and storm sewer,								
Let Type:	Local-let									
A.Q. STATUS	Exempt									
	PHASE	FUND	PRIOR	SFY2014	SFY2015	SFY2016	SFY2017	Future		
	ENG	LOCAL			\$40					
	ENG	STP			\$160					
	ROW	LOCAL						\$91		
	CON	LOCAL						\$224		
	CON	STP						\$895		

**Table 4.1 RECOMMENDED SFY2014-SFY2017 TRANSPORTATION IMPROVEMENT PROGRAM (HIGHWAY, BIKEWAY AND OTHER PROJECTS)**

**Greene County Projects**

		COUNTY, ROUTE, SECTION, LOCATION AND TERMINI			TOTAL COST (000)	PROJECT SPONSOR	COMMENTS			
MVRPC #	1439.3	GRE072-00-00 SR 72 from the Clinton County Line to the northern corp of Jamestown-Resurfacing and pavement repair.			\$1,889	ODOT District-8	Decreased Federal STD and State construction funds and increased Federal NHPP construction funds to reflect changes in Ellis.			
ODOT PID #	87094									
Let Type:	Traditional									
A.Q. STATUS	Exempt									
	PHASE	FUND	PRIOR	SFY2014	SFY2015	SFY2016	SFY2017	Future		
	CON	NHPP				\$60				
	CON	STATE				\$378				
	CON	STD				\$1,451				
MVRPC #	1448.8	GRE725-02.96 SR 725 between Lower Bellbrook Road and Penewit Road-Protect SR 725 from erosion from Sugar Creek. Investigate adding additional hydraulic capacity to the bridge size culvert.			\$560	ODOT District-8	Construction delayed from SFY2016 to SFY2017 and increased Federal and State construction funds to reflect changes in Ellis.			
ODOT PID #	94153									
Let Type:	Traditional									
A.Q. STATUS	Exempt									
	PHASE	FUND	PRIOR	SFY2014	SFY2015	SFY2016	SFY2017	Future		
	ENG	STATE		\$93	\$92					
	CON	STATE					\$75			
	CON	STD					\$300			
MVRPC #	1310.5	GRE835-02.07 SR835 just east of the US 35 eastbound exit ramp-Rehabilitate bridge by placing a rigid overlay, replacing the deck edges, installing abutment supports, and performing other minor rehabilitation items.			\$619	ODOT District-8	Construction delayed from SFY2016 to SFY2017 to reflect changes in Ellis.			
ODOT PID #	91921									
Let Type:	Traditional									
A.Q. STATUS	Exempt									
	PHASE	FUND	PRIOR	SFY2014	SFY2015	SFY2016	SFY2017	Future		
	ENG	STATE				\$85				
	CON	STATE					\$107			
	CON	STD					\$427			

**Table 4.2 RECOMMENDED SFY2014-SFY2017 TRANSPORTATION IMPROVEMENT PROGRAM (HIGHWAY, BIKEWAY AND OTHER PROJECTS)**

**Miami County Projects**

		COUNTY, ROUTE, SECTION, LOCATION AND TERMINI	TOTAL COST (000)	PROJECT SPONSOR	COMMENTS				
MVRPC #	1375.8	MIA - Troy Downtown Streetscape Phase 3B East Main Street from Walnut Street to Mulberry Street- Streetscape includes decorative pavers, new sidewalk, curb bump-outs, ADA ramps, new curbs, pavement and underground electric with decorative light poles.	\$632	Troy	Federal funding source changed from TE/TA to STP.				
ODOT PID #	93240								
Let Type:	Local-let								
A.Q. STATUS	Exempt								
	PHASE	FUND	PRIOR	SFY2014	SFY2015	SFY2016	SFY2017	Future	
	CON	LOCAL			\$335				
	CON	STP			\$297				
MVRPC #	1132.2	MIA025A-18.26 CR 25A from Looney Road to Indian Ridge Drive-Widen to include a center turn lane and new curb and gutter, add 5 sidewalk and tree lawn on both sides of the project, minor utility work and construction of a new storm sewer is included.	\$4,381	Piqua	Decreased Federal and Local construction funds to reflect changes in Ellis.				
ODOT PID #	88227								
Let Type:	Traditional								
A.Q. STATUS	Exempt								
	PHASE	FUND	PRIOR	SFY2014	SFY2015	SFY2016	SFY2017	Future	
	ENG	LOCAL	\$470						
	ROW	LOCAL		\$250					
	CON	LOCAL			\$732				
	CON	STP			\$2,929				
MVRPC #	1490.5	MIA033-02.23 Eldean Road over the Great Miami River-Replace the existing bridge. The pavement will be widened to match future Eldean Road west of CR25A.	\$3,721	Miami County	Increased Federal and Local construction funds to reflect changes in Ellis.				
ODOT PID #	93951								
Let Type:	Traditional								
A.Q. STATUS	Exempt								
	PHASE	FUND	PRIOR	SFY2014	SFY2015	SFY2016	SFY2017	Future	
	ENG	STATE	\$1						
	ENG	STD		\$28					
	CON	BR			\$3,507				
	CON	LOCAL			\$185				

**Table 4.3 RECOMMENDED SFY2014-SFY2017 TRANSPORTATION IMPROVEMENT PROGRAM (HIGHWAY, BIKEWAY AND OTHER PROJECTS)**

**Montgomery County Projects**

		COUNTY, ROUTE, SECTION, LOCATION AND TERMINI	TOTAL COST (000)	PROJECT SPONSOR	COMMENTS				
MVRPC #	1274.5	MOT - Harshman Road Bridge Harshman Road Bridge over the Mad River-Replace the structurally deficient bridge and widen the structure to accommodate a left turn lane as well as a bicycle lane.	\$10,384	Montgomery County	MVRPC STP cap decreased based on request from project sponsor. Increased Federal BR construction funds and decreased Federal STP, STD and Local construction funds to reflect changes in Ellis. Bridge Credit Funds in the amount of \$184,917 used for Local construction funds.				
ODOT PID #	90784								
Let Type:	Local-let								
A.Q. STATUS	Exempt								
	PHASE	FUND	PRIOR	SFY2014	SFY2015	SFY2016	SFY2017	Future	
	ROW	LOCAL		\$100					
	ENG	LOCAL	\$700		\$8				
	ENG	OTH			\$32				
	CON	BR				\$2,323			
	CON	LOCAL				\$2,498			
	CON	OTH				\$202			
	CON	STD				\$1,171			
	CON	STP				\$3,350			
MVRPC #	1393.2	MOT - I-675 Wilmington Pike, Phase 1 I-675 and Wilmington Pike Interchange-Increase safety by reducing lane widths to 11' and removing the concrete median. An adequate width bike facility will be included in the project limits. Left turn lanes are extended beyond the ramp intersections by removing the existing raised median.	\$778	Centerville	Increased Federal and Local construction funds to reflect changes in Ellis.				
ODOT PID #	93230								
Let Type:	Traditional								
A.Q. STATUS	Exempt								
	PHASE	FUND	PRIOR	SFY2014	SFY2015	SFY2016	SFY2017	Future	
	ENG	STATE		\$1					
	ENG	LOCAL		\$34	\$5				
	CON	LOCAL			\$119				
	ENG	STP		\$136	\$8				
	CON	STP			\$475				
MVRPC #	1404.2	MOT - Miamisburg-Springboro Pike Reconstruction Miamisburg-Springboro Pike from Benner Road to Medlar Road-Widen and reconstruct to 3 lanes including 8' paved shoulders and improve the alignment to eliminate horizontal and vertical deficiencies. A bridge will also be replaced due to roadway alignment changes.	\$8,536	Montgomery County	Decreased Federal and Local construction funds to reflect changes in Ellis. Construction delayed from SFY2017 to SFY2018 based on request from project sponsor.				
ODOT PID #	93244								
Let Type:	Local-let								
A.Q. STATUS	Exempt								
	PHASE	FUND	PRIOR	SFY2014	SFY2015	SFY2016	SFY2017	Future	
	ENG	LOCAL			\$1,150				
	ROW	LOCAL				\$1,500			



**Table 4.3 RECOMMENDED SFY2014-SFY2017 TRANSPORTATION IMPROVEMENT PROGRAM (HIGHWAY, BIKEWAY AND OTHER PROJECTS)**

**Montgomery County Projects**

		COUNTY, ROUTE, SECTION, LOCATION AND TERMINI	TOTAL COST (000)	PROJECT SPONSOR	COMMENTS				
MVRPC #	1404.2	MOT - Miamisburg-Springboro Pike Reconstruction Miamisburg-Springboro Pike from Benner Road to Medlar Road-Widen and reconstruct to 3 lanes including 8' paved shoulders and improve the alignment to eliminate horizontal and vertical deficiencies. A bridge will also be replaced due to roadway alignment changes.	\$8,536	Montgomery County	Decreased Federal and Local construction funds to reflect changes in Ellis. Construction delayed from SFY2017 to SFY2018 based on request from project sponsor.				
ODOT PID #	93244								
Let Type:	Local-let								
A.Q. STATUS	Exempt								
	PHASE	FUND	PRIOR	SFY2014	SFY2015	SFY2016	SFY2017	Future	
	CON	LOCAL						\$2,943	
	CON	STP						\$2,943	
MVRPC #	1576.2	MOT - Stanley Avenue Reconstruction Stanley Avenue at Webster Street-Cut back all four corners of the intersection, install northbound and southbound left turn lanes, and install a new traffic signal.	\$400	Dayton	Project cancelled by project sponsor and will be removed from the TIP.				
ODOT PID #	95841								
Let Type:	Local-let								
A.Q. STATUS	Exempt								
	PHASE	FUND	PRIOR	SFY2014	SFY2015	SFY2016	SFY2017	Future	
	ENG	LOCAL			\$95				
	ROW	LOCAL					\$25		
	CON	LOCAL						\$56	
	CON	STP						\$224	
MVRPC #	1239.5	MOT035-00.36 US 35 bridge over Tom's Run Tributary west of Sheep Road-Replace deteriorating structure with minimal approach work.	\$413	ODOT District-7	Decreased Federal and State construction funds to reflect changes in Ellis.				
ODOT PID #	88777								
Let Type:	Traditional								
A.Q. STATUS	Exempt								
	PHASE	FUND	PRIOR	SFY2014	SFY2015	SFY2016	SFY2017	Future	
	ENG	STATE	\$24						
	ENG	STD	\$88						
	CON	STATE			\$60				
	CON	STD			\$241				

**Table 4.3 RECOMMENDED SFY2014-SFY2017 TRANSPORTATION IMPROVEMENT PROGRAM (HIGHWAY, BIKEWAY AND OTHER PROJECTS)**

**Montgomery County Projects**

		COUNTY, ROUTE, SECTION, LOCATION AND TERMINI			TOTAL COST (000)	PROJECT SPONSOR	COMMENTS			
MVRPC #	1365.5	MOT049-05.46 SR 49 at two culverts over tributary of Dry Run-Field pave existing twin pipe arches from the right of way line to the outlet of the pipes at one culvert and field pave invert of other culvert with concrete.			\$99	ODOT District-7	Decreased Federal and State construction funds to reflect changes in Ellis.			
ODOT PID #	92094									
Let Type:	Traditional									
A.Q. STATUS	Exempt									
	PHASE	FUND	PRIOR	SFY2014	SFY2015	SFY2016	SFY2017	Future		
	ENG	STATE		\$1						
	CON	BR				\$45				
	CON	NH				\$33				
	CON	STATE				\$20				
MVRPC #	876.3	MOT075-16.09 I-75 from Wagoner Ford to the northbound exit ramp to Benchwood/Wyse Road - Pavement planing and resurfacing with asphalt concrete.			\$1,597	ODOT District-7	Construction delayed from SFY2016 to SFY2019 to reflect changes in Ellis.			
ODOT PID #	82421									
Let Type:	Traditional									
A.Q. STATUS	Exempt									
	PHASE	FUND	PRIOR	SFY2014	SFY2015	SFY2016	SFY2017	Future		
	ENG	STATE	\$1							
	CON	IM						\$1,436		
	CON	STATE						\$160		
MVRPC #	1578.2	MOT088-02.70 East Stroop Road from Shroyer Road to East Dorothy Lane-Mill and overlay of the existing asphalt roadway surface and concrete base pavement repairs. Also installation of a 10' wide multi-use concrete side path along Stroop Road from Wilmington Pike to Glengarry Drive.			\$3,065	Kettering	Construction moved up to SFY2016 from SFY2018 based on request from project sponsor.			
ODOT PID #	95847									
Let Type:	Local-let									
A.Q. STATUS	Exempt									
	PHASE	FUND	PRIOR	SFY2014	SFY2015	SFY2016	SFY2017	Future		
	ENG	STATE		\$1						
	CON	LOCAL				\$919				
	CON	STP				\$2,145				

**Table 4.3 RECOMMENDED SFY2014-SFY2017 TRANSPORTATION IMPROVEMENT PROGRAM (HIGHWAY, BIKEWAY AND OTHER PROJECTS)**

**Montgomery County Projects**

		COUNTY, ROUTE, SECTION, LOCATION AND TERMINI	TOTAL COST (000)	PROJECT SPONSOR	COMMENTS				
MVRPC #	1454.3	MOT741-06.20 SR 741 from the Moraine SCL to Sellars Rd. and SR 741 from Northlawn Rd. to I-75-Milling of the existing roadway and resurfacing with asphalt concrete. SR 741 over Conrail RR north of GM Access Road/Northlawn Ave-Remove existing latex modified concrete overlay using hydrodemolition and replace	\$1,538	ODOT District-7	Adjusted work location and decreased Federal and Local construction funds to reflect changes in Ellis.				
ODOT PID #	88520								
Let Type:	Traditional								
A.Q. STATUS	Exempt								
	PHASE	FUND	PRIOR	SFY2014	SFY2015	SFY2016	SFY2017	Future	
	ENG	STATE		\$1					
	CON	LOCAL				\$220			
	CON	NHPP				\$1,230			
	CON	STATE				\$87			

**Table 4.4 RECOMMENDED SFY2014-SFY2017 TRANSPORTATION IMPROVEMENT PROGRAM (HIGHWAY, BIKEWAY AND OTHER PROJECTS)**

**Warren County Projects**

		COUNTY, ROUTE, SECTION, LOCATION AND TERMINI			TOTAL COST (000)	PROJECT SPONSOR	COMMENTS			
MVRPC #	1228.3	WAR073-03.91 SR 73 from I-75 to SR 741-FY2015 Urban Paving in Springboro			\$1,435	Springboro	Decreased Federal and Local construction funds to reflect changes in Ellis.			
ODOT PID #	88873									
Let Type:	Traditional									
A.Q. STATUS	Exempt									
	PHASE	FUND	PRIOR	SFY2014	SFY2015	SFY2016	SFY2017	Future		
	CON	LOCAL			\$554					
	CON	STD			\$881					
MVRPC #	1547.8	WAR123-30.96 SR 123 from Dayton-Oxford Road to west of Business Parkway-Resurfacing.			\$206	Carlisle	Decreased Federal and Local construction funds to reflect changes in Ellis.			
ODOT PID #	96283									
Let Type:	Local-let									
A.Q. STATUS	Exempt									
	PHASE	FUND	PRIOR	SFY2014	SFY2015	SFY2016	SFY2017	Future		
	ENG	LOCAL		\$20						
	CON	LOCAL			\$37					
	CON	STP			\$149					



**Table 4.5 RECOMMENDED SFY2014-SFY2017 TRANSPORTATION IMPROVEMENT PROGRAM (HIGHWAY, BIKEWAY AND OTHER PROJECTS)**

**All County Projects**

		COUNTY, ROUTE, SECTION, LOCATION AND TERMINI			TOTAL COST (000)	PROJECT SPONSOR	COMMENTS			
MVRPC #	1166.4	D07 - FDPM FY15 Districtwide-Fast Dry Pavement Marker Program.			\$1,788	ODOT District-7	Increased State construction funds to reflect changes in Ellis.			
ODOT PID #	88745									
Let Type:	Traditional									
A.Q. STATUS	Exempt									
	PHASE	FUND	PRIOR	SFY2014	SFY2015	SFY2016	SFY2017	Future		
	ENG	STATE	\$1							
	CON	STATE			\$1,787					

TABLE 5.1 GREENE CATS - ANTICIPATED CAPITAL IMPROVEMENTS SFY2014-2017

PID	MPO	Sponsoring Agency	ALI / Quantity	Project Description	Air Quality	Type	Fund Type	Fund	SAC	Work Category	Fund Description	SFY	Amount
89738	MVRPC	Greene County Transit Board	44.23.01 Federal	Planning	CO Air Quality Exempt	Planning	Federal	5307	FTAD	Transit	Urban Formula Program	2014	\$151,998
89738	MVRPC	Greene County Transit Board	44.23.01 Local Other	Planning	CO Air Quality Exempt	Planning	Local Match	LNTF	TOTH	Transit	General Revenue	2014	\$38,000
<b>Total----&gt;</b>													\$189,998
89740	MVRPC	Greene County Transit Board	44.23.01 Federal	Planning	CO Air Quality Exempt	Planning	Federal	5307	FTAD	Transit	Urban Formula Program	2015	\$98,826
89740	MVRPC	Greene County Transit Board	44.23.01 Local Other	Planning	CO Air Quality Exempt	Planning	Local Match	LNTF	TOTH	Transit	General Revenue	2015	\$24,710
<b>Total----&gt;</b>													\$123,536
89745	MVRPC	Greene County Transit Board	11.71.12 Federal	Capital cost of contracting.	CO Air Quality Exempt	Capital	Federal	5307	FTAD	Transit	Urban Formula Program	2014	\$789,082
89745	MVRPC	Greene County Transit Board	11.71.12 State	Capital cost of contracting.	CO Air Quality Exempt	Capital	General Revenue	GRF	4EG5	Transit	General Revenue Fund	2014	\$88,000
89745	MVRPC	Greene County Transit Board	11.71.12 Local Other	Capital cost of contracting.	CO Air Quality Exempt	Capital	Local Match	LNTF	TOTH	Transit	Contract Revenue	2014	\$109,271
<b>Total----&gt;</b>													\$986,353
89746	MVRPC	Greene County Transit Board	11.71.12 Federal	Capital cost of contracting.	CO Air Quality Exempt	Capital	Federal	5307	FTAD	Transit	Urban Formula Program	2015	\$903,516
89746	MVRPC	Greene County Transit Board	11.71.12 State	Capital cost of contracting.	CO Air Quality Exempt	Capital	General Revenue	GRF	4EG5	Transit	General Revenue Fund	2015	\$0
89746	MVRPC	Greene County Transit Board	11.71.12 Local Other	Capital cost of contracting.	CO Air Quality Exempt	Capital	Local Match	LNTF	TOTH	Transit	Contract Revenue	2015	\$225,879
<b>Total----&gt;</b>													\$1,129,395
89755	MVRPC	Greene County Transit Board	11.93.02 Federal	Transport Enhancements.	CO Air Quality Exempt	Capital	Federal	5307	FTAD	Transit	Urban Formula Program	2015	\$12,297
89755	MVRPC	Greene County Transit Board	11.93.02 Local Other	Transport Enhancements.	CO Air Quality Exempt	Capital	Local Match	LNTF	TOTH	Transit	Contract Revenue	2015	\$3,100
<b>Total----&gt;</b>													\$15,497
89763	MVRPC	Greene County Transit Board	11.42.09 Federal	Safety/Security	CO Air Quality Exempt	Capital	Federal	5307	FTAD	Transit	Urban Formula Program	2015	\$12,297
89763	MVRPC	Greene County Transit Board	11.42.09 Local Other	Safety/Security	CO Air Quality Exempt	Capital	Local Match	LNTF	TOTH	Transit	Contract Revenue	2015	\$3,100
<b>Total----&gt;</b>													\$15,497
89807	MVRPC	Greene County Transit Board	11.12.04 Federal	Replace 14 LTV's with 14 LTV's; Replace 1 MMV with	CO Air Quality Exempt	Capital	Federal	CMAQ	FTAD	FTA Transfer	CMAQ - MVRPC	2014	\$286,793
89807	MVRPC	Greene County Transit Board	11.12.04 Federal	Replace 14 LTV's with 14 LTV's; Replace 1 MMV with	CO Air Quality Exempt	Capital	Federal	5307	FTAD	Transit	Urban Formula Program	2014	\$515,599
89807	MVRPC	Greene County Transit Board	11.12.04 Local Other	Replace 14 LTV's with 14 LTV's; Replace 1 MMV with	CO Air Quality Exempt	Capital	Local Match	LNTF	TOTH	Transit	Contract Revenue	2014	\$200,711
<b>Total----&gt;</b>													\$1,003,103
93489	MVRPC	Greene County Transit Board	30.80.01 Federal	Add peak service on E./W. Xenia & Xenia-Dayton rout	CO Air Quality Exempt	Operating	Federal	CMAQ	FTAD	FTA Transfer	CMAQ - MVRPC	2015	\$567,222
93489	MVRPC	Greene County Transit Board	30.80.01 Local Other	Add peak service on E./W. Xenia & Xenia-Dayton rout	CO Air Quality Exempt	Operating	Local Match	LNTF	TOTH	Transit	Contract Revenue	2015	\$141,806
<b>Total----&gt;</b>													\$709,028
93494	MVRPC	Greene County Transit Board	30.80.01 Federal	Add evening service on Xenia-Fairborn & E/W Xenia r	CO Air Quality Exempt	Operating	Federal	CMAQ	FTAD	FTA Transfer	CMAQ - MVRPC	2016	\$435,456
93494	MVRPC	Greene County Transit Board	30.80.01 Local Other	Add evening service on Xenia-Fairborn & E/W Xenia r	CO Air Quality Exempt	Operating	Local Match	LNTF	TOTH	Transit	Contract Revenue	2016	\$108,864
<b>Total----&gt;</b>													\$544,320
93495	MVRPC	Greene County Transit Board	30.80.01 Federal	Add weekend service on Xenia-Fairborn & E/W Xenia	CO Air Quality Exempt	Operating	Federal	CMAQ	FTAD	FTA Transfer	CMAQ - MVRPC	2016	\$498,480
93495	MVRPC	Greene County Transit Board	30.80.01 Local Other	Add weekend service on Xenia-Fairborn & E/W Xenia	CO Air Quality Exempt	Operating	Local Match	LNTF	TOTH	Transit	Contract Revenue	2016	\$124,620
<b>Total----&gt;</b>													\$623,100
95054	MVRPC	Greene County Transit Board	44.23.01 Federal	Planning	CO Air Quality Exempt	Planning	Federal	5307	FTAD	Transit	Urban Formula Program	2016	\$160,000
95054	MVRPC	Greene County Transit Board	44.23.01 Local	Planning	CO Air Quality Exempt	Planning	Local Match	LNTF	TOTH	Transit	General Revenue	2016	\$40,000
<b>Total----&gt;</b>													\$200,000
95055	MVRPC	Greene County Transit Board	11.71.12 Federal	Capital Cost of Contracting	CO Air Quality Exempt	Capital	Federal	5307	FTAD	Transit	Urban Formula Program	2016	\$760,000
95055	MVRPC	Greene County Transit Board	11.71.12 State	Capital Cost of Contracting	CO Air Quality Exempt	Capital	General Revenue	GRF	4EG5	Transit	General Revenue Fund	2016	\$88,000
95055	MVRPC	Greene County Transit Board	11.71.12 Local	Capital Cost of Contracting	CO Air Quality Exempt	Capital	Local Match	LNTF	TOTH	Transit	Contract Revenue	2016	\$102,000
<b>Total----&gt;</b>													\$950,000
95058	MVRPC	Greene County Transit Board	11.12.04 Federal	Bus Replacement	CO Air Quality Exempt	Capital	Federal	5307	FTAD	Transit	Urban Formula Program	2016	\$336,000
95058	MVRPC	Greene County Transit Board	11.12.04 Local	Bus Replacement	CO Air Quality Exempt	Capital	Local Match	LNTF	TOTH	Transit	Contract Revenue	2016	\$84,000
<b>Total----&gt;</b>													\$420,000

TABLE 5.1 GREENE CATS - ANTICIPATED CAPITAL IMPROVEMENTS SFY2014-2017

PID	MPO	Sponsoring Agency	ALI / Quantity	Project Description	Air Quality	Type	Fund Type	Fund	SAC	Work Category	Fund Description	SFY	Amount
95060	MVRPC	Greene County Transit Board	44.23.01 Federal	Planning	CO Air Quality Exempt	Planning	Federal	5307	FTAD	Transit	Urban Formula Program	2017	\$160,000
95060	MVRPC	Greene County Transit Board	44.23.01 Local	Planning	CO Air Quality Exempt	Planning	Local Match	LNTF	TOTH	Transit	General Revenue	2017	\$40,000
<b>Total----&gt;</b>													<b>\$200,000</b>
95061	MVRPC	Greene County Transit Board	11.71.12 Federal	Capital Cost of Contracting	CO Air Quality Exempt	Capital	Federal	5307	FTAD	Transit	Urban Formula Program	2017	\$760,000
95061	MVRPC	Greene County Transit Board	11.71.12 State	Capital Cost of Contracting	CO Air Quality Exempt	Capital	General Revenue	GRF	4EG5	Transit	General Revenue Fund	2017	\$88,000
95061	MVRPC	Greene County Transit Board	11.71.12 Local	Capital Cost of Contracting	CO Air Quality Exempt	Capital	Local Match	LNTF	TOTH	Transit	Contract Revenue	2017	\$102,000
<b>Total----&gt;</b>													<b>\$950,000</b>
95062	MVRPC	Greene County Transit Board	11.93.02 Federal	Bus Replacement	CO Air Quality Exempt	Capital	Federal	5307	FTAD	Transit	Urban Formula Program	2017	\$336,000
95062	MVRPC	Greene County Transit Board	11.93.02 Local	Bus Replacement	CO Air Quality Exempt	Capital	Local Match	LNTF	TOTH	Transit	Contract Revenue	2017	\$84,000
<b>Total----&gt;</b>													<b>\$420,000</b>
96453	MVRPC	Greene County Transit Board	11.7L.00 Federal	Mobility Management	CO Air Quality Exempt	Capital	Federal	5316	FTAD	Transit	JARC	2015	\$48,000
96453	MVRPC	Greene County Transit Board	11.7L.00 Local	Mobility Management	CO Air Quality Exempt	Capital	Local Match	LNTF	TOTH	Transit	General Revenue	2015	\$12,000
<b>Total----&gt;</b>													<b>\$60,000</b>
96454	MVRPC	Greene County Transit Board	11.7L.00 Federal	Mobility Management	CO Air Quality Exempt	Capital	Federal	5317	FTAD	Transit	New Freedom	2015	\$21,099
96454	MVRPC	Greene County Transit Board	11.7L.00 Local	Mobility Management	CO Air Quality Exempt	Capital	Local Match	LNTF	TOTH	Transit	General Revenue	2015	\$5,275
<b>Total----&gt;</b>													<b>\$26,374</b>
99539	MVRPC	Greene County Transit Board	11.12.04 Federal	Bus Replacement- 5 LTV's, 1 MMV	CO Air Quality Exempt	Capital	Federal	5307	FTAD	Transit	Urban Formula Program	2015	\$308,000
99539	MVRPC	Greene County Transit Board	11.12.04 Local	Bus Replacement - 5 LTV's, 1 MMV	CO Air Quality Exempt	Capital	Local Match	LNTF	TOTH	Transit	Contract Revenue	2015	\$77,000
<b>Total----&gt;</b>													<b>\$385,000</b>
99561	MVRPC	Greene County Transit Board	30.09.00	Operating Assistance	CO Air Quality Exempt	Operating	State	GRF	4EG5	Transit	General Revenue Fund	2015	\$83,430
<b>Total----&gt;</b>													<b>\$83,430</b>





TABLE 5.3 GDRTA - ANTICIPATED CAPITAL IMPROVEMENTS SFY2014-2017

PID	MPO	Sponsoring Agency	ALI / Quantity	Project Description	Air Quality	Type	Fund Type	Fund	SAC	Work Category	Fund Description	SFY	Amount
95026	MVRPC	Greater Dayton Regional Transit Authority	11.12.04 Federal (30)	Replacement <30' Buses	CO Air Quality Exempt	Capital	Federal (85% ADA Bus)	5307	FTAD	Transit	Urban Formula Program	2015	\$3,060,000
95026	MVRPC	Greater Dayton Regional Transit Authority	11.12.04 Local (30)	Replacement <30' Buses	CO Air Quality Exempt	Capital	Local Match	LNTF	TOTH	Transit	Dedicated Local Tax	2015	\$540,000
95026	MVRPC	Greater Dayton Regional Transit Authority	11.12.04 Federal (30)	Replacement <30' Buses	CO Air Quality Exempt	Capital	Federal (85% ADA Bus)	5307	FTAD	Transit	Urban Formula Program	2016	\$3,060,000
95026	MVRPC	Greater Dayton Regional Transit Authority	11.12.04 Local (30)	Replacement <30' Buses	CO Air Quality Exempt	Capital	Local Match	LNTF	TOTH	Transit	Dedicated Local Tax	2016	\$540,000
95026	MVRPC	Greater Dayton Regional Transit Authority	11.12.04 Federal (30)	Replacement <30' Buses	CO Air Quality Exempt	Capital	Federal (85% ADA Bus)	5307	FTAD	Transit	Urban Formula Program	2017	\$3,060,000
95026	MVRPC	Greater Dayton Regional Transit Authority	11.12.04 Local (30)	Replacement <30' Buses	CO Air Quality Exempt	Capital	Local Match	LNTF	TOTH	Transit	Dedicated Local Tax	2017	\$540,000
<b>Total----&gt;</b>													<b>\$10,800,000</b>
95028	MVRPC	Greater Dayton Regional Transit Authority	11.12.14 Federal (15)	Replacement DM-ETB Buses	CO Air Quality Exempt	Capital	Federal (83 %)	5337	FTAD	Transit	Urban Formula Program	2015	\$13,072,500
95028	MVRPC	Greater Dayton Regional Transit Authority	11.12.14 Local (15)	Replacement DM-ETB Buses	CO Air Quality Exempt	Capital	Local Match	LNTF	TOTH	Transit	Dedicated Local Tax	2015	\$2,677,500
95028	MVRPC	Greater Dayton Regional Transit Authority	11.12.14 Federal (15)	Replacement DM-ETB Buses	CO Air Quality Exempt	Capital	Federal (83 %)	5337	FTAD	Transit	Urban Formula Program	2016	\$13,072,500
95028	MVRPC	Greater Dayton Regional Transit Authority	11.12.14 Local (15)	Replacement DM-ETB Buses	CO Air Quality Exempt	Capital	Local Match	LNTF	TOTH	Transit	Dedicated Local Tax	2016	\$2,677,500
95028	MVRPC	Greater Dayton Regional Transit Authority	11.12.14 Federal (15)	Replacement DM-ETB Buses	CO Air Quality Exempt	Capital	Federal (83 %)	5337	FTAD	Transit	Urban Formula Program	2017	\$13,072,500
95028	MVRPC	Greater Dayton Regional Transit Authority	11.12.14 Local (15)	Replacement DM-ETB Buses	CO Air Quality Exempt	Capital	Local Match	LNTF	TOTH	Transit	Dedicated Local Tax	2017	\$2,677,500
<b>Total----&gt;</b>													<b>\$47,250,000</b>
95325	MVRPC	Greater Dayton Regional Transit Authority	11.7A.00 Federal	Preventative Maintenance	CO Air Quality Exempt	Capital	Federal	5307	FTAD	Transit	Urban Formula Program	2016	\$8,000,000
95325	MVRPC	Greater Dayton Regional Transit Authority	11.7A.00 Federal	Preventative Maintenance	CO Air Quality Exempt	Capital	Federal	5337	FTAD	Transit	Urban Formula Program	2016	\$5,000,000
95325	MVRPC	Greater Dayton Regional Transit Authority	11.7A.00 State/Federal	Preventative Maintenance	CO Air Quality Exempt	Capital	Federal	STP	FTAD	FTA Transfer	STP - ODOT Attributable	2016	\$700,000
95325	MVRPC	Greater Dayton Regional Transit Authority	11.7A.00 Local	Preventative Maintenance	CO Air Quality Exempt	Capital	Local Match	LNTF	TOTH	Transit	Dedicated Local Tax	2016	\$3,425,000
<b>Total----&gt;</b>													<b>\$17,125,000</b>
95326	MVRPC	Greater Dayton Regional Transit Authority	11.7A.00 Federal	Preventative Maintenance	CO Air Quality Exempt	Capital	Federal	5307	FTAD	Transit	Urban Formula Program	2017	\$8,000,000
95326	MVRPC	Greater Dayton Regional Transit Authority	11.7A.00 Federal	Preventative Maintenance	CO Air Quality Exempt	Capital	Federal	5337	FTAD	Transit	Urban Formula Program	2017	\$5,000,000
95326	MVRPC	Greater Dayton Regional Transit Authority	11.7A.00 State/Federal	Preventative Maintenance	CO Air Quality Exempt	Capital	Federal	STP	FTAD	FTA Transfer	STP - ODOT Attributable	2017	\$700,000
95326	MVRPC	Greater Dayton Regional Transit Authority	11.7A.00 Local	Preventative Maintenance	CO Air Quality Exempt	Capital	Local Match	LNTF	TOTH	Transit	Dedicated Local Tax	2017	\$3,425,000
<b>Total----&gt;</b>													<b>\$17,125,000</b>
95613	MVRPC	Greater Dayton Regional Transit Authority	11.7A.00 State/Federal	Preventative Maintenance	CO Air Quality Exempt	Capital	Federal (90%, TDC Inc.)	STP	FTAD	FTA Transfer	STP - ODOT Attributable	2014	\$2,550,000
95613	MVRPC	Greater Dayton Regional Transit Authority	11.7A.00 Local	Preventative Maintenance	CO Air Quality Exempt	Capital	Local Match	LNTF	TOTH	Transit	Dedicated Local Tax	2014	\$283,333
<b>Total----&gt;</b>													<b>\$2,833,333</b>
97562	MVRPC	Greater Dayton Regional Transit Authority	11.92.06 Federal	Bike Share Program - Capital Equipment	CO Air Quality Exempt	Capital	Federal	STP	FTAD	FTA Transfer	STP - MVRPC	2014	\$802,578
97562	MVRPC	Greater Dayton Regional Transit Authority	11.92.06 Local	Bike Share Program - Capital Equipment	CO Air Quality Exempt	Capital	Local Match	LNTF	TOTH	Transit	General Fund - City of Dayton	2014	\$200,645
97562	MVRPC	Greater Dayton Regional Transit Authority	11.79.00 Local	Project Administration	CO Air Quality Exempt	Capital	Local	LNTF	TOTH	Transit	Dedicated Local Tax	2014	\$50,161
97562	MVRPC	Greater Dayton Regional Transit Authority	11.91.06 Local	Project Implementation	CO Air Quality Exempt	Capital	Local	LNTF	TOTH	Transit	Local Funds - Various	2014	\$152,182
<b>Total----&gt;</b>													<b>\$1,205,566</b>
99542	MVRPC	Greater Dayton Regional Transit Authority	11.12.01 Federal (20)	Replacement 40' Buses	CO Air Quality Exempt	Capital	Federal	5307	FTAD	Transit	Urban Formula Program	2015	\$7,840,000
99542	MVRPC	Greater Dayton Regional Transit Authority	11.12.01 Federal (4)	Replacement 40' Buses	CO Air Quality Exempt	Capital	Federal	CMAQ	FTAD	Transit	CMAQ - ODOT Attributable	2015	\$1,568,000
99542	MVRPC	Greater Dayton Regional Transit Authority	11.12.01 Local (24)	Replacement 40' Buses	CO Air Quality Exempt	Capital	Local Match	LNTF	TOTH	Transit	Dedicated Local Tax	2015	\$2,352,000
99542	MVRPC	Greater Dayton Regional Transit Authority	11.12.01 Federal (12)	Replacement 40' Buses	CO Air Quality Exempt	Capital	Federal	5307	FTAD	Transit	Urban Formula Program	2016	\$5,040,000
99542	MVRPC	Greater Dayton Regional Transit Authority	11.12.01 Local (12)	Replacement 40' Buses	CO Air Quality Exempt	Capital	Local Match	LNTF	TOTH	Transit	Dedicated Local Tax	2016	\$1,260,000
99542	MVRPC	Greater Dayton Regional Transit Authority	11.12.01 Federal (12)	Replacement 40' Buses	CO Air Quality Exempt	Capital	Federal	5307	FTAD	Transit	Urban Formula Program	2017	\$5,040,000
99542	MVRPC	Greater Dayton Regional Transit Authority	11.12.01 Local (12)	Replacement 40' Buses	CO Air Quality Exempt	Capital	Local Match	LNTF	TOTH	Transit	Dedicated Local Tax	2017	\$1,260,000
<b>Total----&gt;</b>													<b>\$24,360,000</b>
New	MVRPC	Greater Dayton Regional Transit Authority	11.12.04 Federal (15)	Replacement <30' Buses	CO Air Quality Exempt	Capital	Federal	5310	FTAD	Transit	Urban Formula Program	2015	\$900,000
New	MVRPC	Greater Dayton Regional Transit Authority	11.12.04 Local (15)	Replacement <30' Buses	CO Air Quality Exempt	Capital	Local Match	LNTF	TOTH	Transit	Local Contributions	2015	\$225,000
<b>Total----&gt;</b>													<b>\$1,125,000</b>
New	MVRPC	Greater Dayton Regional Transit Authority	11.12.15 Federal (7)	Replacement Vans	CO Air Quality Exempt	Capital	Federal	5310	FTAD	Transit	Urban Formula Program	2015	\$224,000
New	MVRPC	Greater Dayton Regional Transit Authority	11.12.15 Local (7)	Replacement Vans	CO Air Quality Exempt	Capital	Local Match	LNTF	TOTH	Transit	Local Contributions	2015	\$56,000
<b>Total----&gt;</b>													<b>\$280,000</b>
New	MVRPC	Greater Dayton Regional Transit Authority	11.7A.00 Federal	Preventative Maintenance	CO Air Quality Exempt	Capital	Federal	5310	FTAD	Transit	Urban Formula Program	2015	\$200,000
New	MVRPC	Greater Dayton Regional Transit Authority	11.7A.00 Local	Preventative Maintenance	CO Air Quality Exempt	Capital	Local Match	LNTF	TOTH	Transit	Local Contributions	2015	\$50,000
<b>Total----&gt;</b>													<b>\$250,000</b>
New	MVRPC	Greater Dayton Regional Transit Authority	11.7L.00 Federal	Mobility Management	CO Air Quality Exempt	Capital	Federal	5310	FTAD	Transit	Urban Formula Program	2015	\$60,000
New	MVRPC	Greater Dayton Regional Transit Authority	11.7L.00 Local	Mobility Management	CO Air Quality Exempt	Capital	Local Match	LNTF	TOTH	Transit	Local Contributions	2015	\$15,000
<b>Total----&gt;</b>													<b>\$75,000</b>
New	MVRPC	Greater Dayton Regional Transit Authority	11.32.20 Federal	Transit Enhancements	CO Air Quality Exempt	Capital	Federal	5310	FTAD	Transit	Urban Formula Program	2015	\$240,000
New	MVRPC	Greater Dayton Regional Transit Authority	11.32.20 Local	Transit Enhancements	CO Air Quality Exempt	Capital	Local Match	LNTF	TOTH	Transit	Local Contributions	2015	\$60,000
<b>Total----&gt;</b>													<b>\$300,000</b>



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**RESOLUTION AMENDING THE  
SFY2014-SFY2017 TRANSPORTATION IMPROVEMENT PROGRAM**

**WHEREAS**, the Miami Valley Regional Planning Commission is designated as the Metropolitan Planning Organization (MPO) by the Governor acting through the Ohio Department of Transportation in cooperation with locally elected officials for Greene, Miami and Montgomery Counties including the jurisdictions of Carlisle, Franklin and Springboro in Warren County; and

**WHEREAS**, the MVRPC's Board of Directors serves as the policy and decision making body through which local governments guide the MPO's transportation planning process for the Dayton Metropolitan Area; and

**WHEREAS**, all Federally funded transit and highway improvements within Greene, Miami and Montgomery County must be included in the region's Transportation Improvement Program (TIP) prior to the expenditure of Federal funds; and

**WHEREAS**, the SFY2014-SFY2017 Transportation Improvement Program was adopted on May 2, 2013; and

**WHEREAS**, MVRPC, ODOT, Greene CATS and GDRTA have made numerous modifications to the programming documents for various projects resulting in the need for a SFY2014-SFY2017 TIP amendment; and

**WHEREAS**, the proposed amendment is consistent with the Region's long-range transportation plan; and

**WHEREAS**, this TIP amendment will not affect the regional air quality emission analysis of the SFY2014-SFY2017 TIP; and

**WHEREAS**, the MVRPC Public Participation Policy for Transportation Planning process allows for minor TIP amendments such as this to occur without separate public involvement meetings; and

**WHEREAS**, this amendment will result in a TIP that is in reasonable fiscal constraint

**NOW THEREFORE BE IT RESOLVED**, that the Board of Directors of the Miami Valley Regional Planning Commission hereby adopts **Amendment #16** to the SFY2014-SFY2017 Transportation Improvement Program as shown on the attached TIP Tables.

**BY ACTION OF THE** Miami Valley Regional Planning Commission's Board of Directors.

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**Brian O. Martin, AICP**  
Executive Director

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**Janis L. Vargo, Chairperson**  
Board of Directors of the  
Miami Valley Regional Planning Commission

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Date



**mvrpc**  
MIAMI VALLEY  
REGIONAL PLANNING COMMISSION  
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## Capital Funding Update

December 18, 2014

Brian O. Martin, AICP  
Executive Director

## Key Points

1. ODOT Implements Carryover Policy on MPOs
2. Carryover Chronology
3. Carryover Estimates for MVRPC
4. Fix the Problem
5. Requesting More Autonomy
6. Questions



2



## Metropolitan Planning Organizations

- MPOs carry out a metropolitan transportation planning process
  - Urbanized areas of 50,000+ must have an MPO
  - Areas of 200,000+ (like Greater Dayton) are designated as Transportation Management Areas and have additional requirements.
  - An MPO may serve one county, several counties, or even multiple States.
- MVRPC was designated MPO in 1973



3

## Carryover Reduction Chronology: STP & TA Funds

- Every ODOT Administration has viewed the MPO carryover funding as opportunity funds for use by ODOT (J. Townley, ODOT)
- ODOT brought issue to OARC which Adopted Carryover Reduction Policy on May 29, 2012
- SFY 2014 with 75% carry-over allowed
- In SFY 2015, carry-over allowed is reduced to 50%
- In SFY 2016 and forward, carry-over allowed is 25% for STP; TA remains at 50%.

### Carryover Reduction Chronology: (Continued)

- Based on SFY 14, the MV Region has lost \$830,000 (final amount yet to be determined) in STP
- Only the ODOT discretionary amount may be “recalled” by ODOT and redistributed to other MPOs (Columbus, Cincinnati also had \$ recalled).
- Federally attributable funding to MPOs stays with each MPO!!!



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### Carryover Estimates for MVRPC

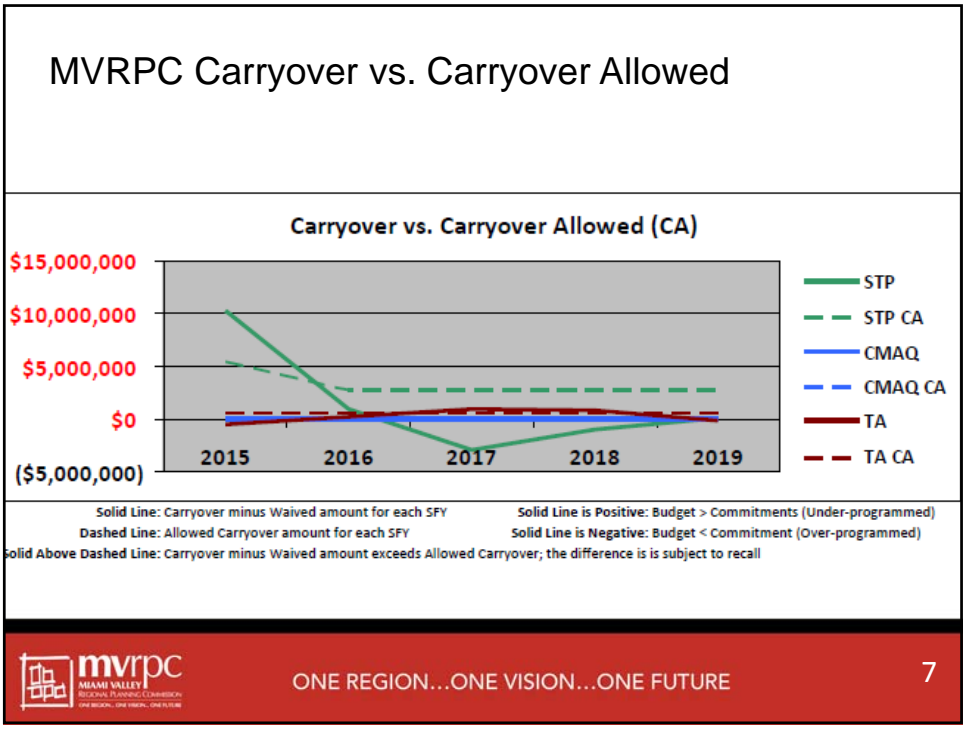
MPO Name	SFY	Required Allocation	Discretionary Allocation	Available Budget	Committed & Encumbered	Balance (Carryover)	Allowed Carryover	Carryover Exceeded	Waived Carryover	Subject to Recall
<b>STP</b>										
MVRPC	2012	\$9,609,986	\$1,479,679	\$8,342,189	\$8,275,495	\$66,694				
MVRPC	2013	\$10,006,109	\$936,319	\$6,975,751	\$6,975,751	50				
MVRPC	2014	\$9,900,501	\$934,913	\$16,715,898	\$16,715,898	50				
MVRPC	2015	\$9,900,501	\$934,913	\$25,485,549	\$15,210,143	\$10,275,407	\$5,417,707	\$4,857,700	50	\$934,913
MVRPC	2016	\$9,900,501	\$934,913	\$20,772,602	\$19,809,853	\$962,749	\$2,708,854	50	50	50
MVRPC	2017	\$9,900,501	\$934,913	\$11,838,163	\$14,810,788	(\$2,972,625)	\$2,708,854	50	50	50
MVRPC	2018	\$9,900,501	\$934,913	\$7,862,789	\$8,857,720	(\$994,931)	\$2,708,854	50	50	50
MVRPC	2019	\$9,900,501	\$934,913	\$9,840,483	\$9,761,048	\$79,435	\$2,708,854	50	50	50
<b>TA</b>										
MVRPC	2012	\$0	\$1,108,967	\$1,185,835	\$1,185,835	50				
MVRPC	2013	\$777,866	\$316,377	\$1,634,225	\$1,634,225	50				
MVRPC	2014	\$782,090	\$301,451	\$2,539,897	\$2,259,612	\$280,286				
MVRPC	2015	\$782,090	\$301,451	\$804,795	\$1,262,082	(\$457,287)	\$541,771	50	50	50
MVRPC	2016	\$782,090	\$301,451	\$906,540	\$716,103	\$190,437	\$541,771	50	50	50
MVRPC	2017	\$782,090	\$301,451	\$1,273,978	\$300,000	\$973,978	\$541,771	\$432,208	50	\$301,451
MVRPC	2018	\$782,090	\$301,451	\$1,756,069	\$944,713	\$811,355	\$541,771	\$269,585	50	\$269,585
MVRPC	2019	\$782,090	\$301,451	\$1,625,312	\$1,747,864	(\$122,352)	\$541,771	50	50	50

<b>FINAL BUDGET AMOUNT</b>
<b>ESTIMATED BUDGET AMOUNT</b>
<b>UNENCUMBERED AMOUNT</b>
<b>AMOUNT SUBJECT TO RECALL</b>

Available Budget: Required + Discretionary + SAC Transfers + Prev. SFY Carryover - Prev. SFY Recall  
 Committed & Encumbered: PE\DD\RW\CO commitments + Encumbrances  
 Balance (Carryover): Available Budget - Committed & Encumbered  
 Allowed Carryover: 50% or 25% X (Required + Discretionary)  
 Carryover Exceeded: Carryover - Allowed Carryover  
 Waived Carryover: Waivers approved by ODOT  
 Subject to Recall: Carryover Exceeded - Waived Carryover



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- ### Objective: Fix the Problem to Reduce Carryover & Keep Funds in the MV Region
1. Move STP projects into '15 from '16
    - nice but it requires earlier local match
  2. Change project funding source from TA to STP
    - invisible to sponsors, helps, but not enough \$
  3. Increase STP funding to current MVRPC-funded projects
    - Uses current semi-annual meetings to find candidate projects for more federal \$ in 2015 & 2016
  4. Continue to pursue loans with other MPOs and large cities
    - Our practice is to bring these to the board; may need faster response
    - Loans in 2015 are repaid in the following year 2016
  5. Fund a District 7 & 8 reservoir project via loan
    - New use not typically funded by MVRPC for ODOT's resurfacing program
    - Quick solution due to ODOT's large project budgets and needs
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8

### Staff Request:

Autonomy for the Executive Director to keep funding in the MV Region and reduce carryover by making agreements with ODOT, other Regions, and local project sponsors.

- ODOT does not require TAC and Board resolutions for loans and budget transfers among MPOs
- MVRPC Board will be briefed at the next subsequent meeting

If needed, staff will draft a resolution providing this autonomy for consideration at the Dec. TAC and Jan. Board of Directors Meetings.

If not needed, the Executive Director will begin use of authority immediately.



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9

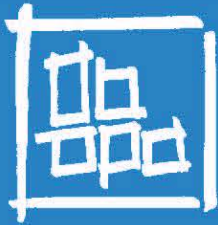
### Questions?

**BRIAN O. MARTIN, AICP, Executive Director**

**[www.mvrpc.org](http://www.mvrpc.org)  
**[bmartin@mvrpc.org](mailto:bmartin@mvrpc.org)  
 937-223-6323****



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## December 4, 2014 EXECUTIVE DIRECTOR'S REPORT

### 1. Board of Directors and Technical Advisory Committee Meeting Locations

Due to matters beyond our control, the agency has been forced into a change of venue beginning with the December TAC and January Board of Directors meetings. After a 10 year relationship, the Wright Dunbar, Inc. Board has decided that it will require MVRPC to pay market rate monthly lease or purchase the building for the space we use at 1100 W. Third St. by the end of the year.

The current agreement allows MVRPC to use the building in exchange for paying all utilities and splitting capital cost items with Wright Dunbar. MVRPC paid for the initial building improvements made to the facility we use today.

MVRPC, partners, and members including ODOT, Montgomery Co., City of Dayton, and various volunteer organizations have used the meeting facility over the years. Due to the fact that we use the building approximately 3-5 times per month, and there are many alternatives, a market rate lease or purchasing the building can't be justified.

Therefore, I have made the decision to move the December and subsequent TAC meetings to our new administrative location at 10 North Ludlow Street, Suite 700, Dayton, OH. The conference room set up allows for 48 participants in the new location while the average attendance has been 35 each meeting. If it turns out that the room is insufficient, the meeting will be moved to the same venue as the Board of Directors meetings.

Regarding the Board of Directors Meeting location, the question will be deliberated at the Executive Committee meeting in December. The December Executive Committee and Board of Directors meeting will be held at 1100 West Third Street and will be the final meeting at this location. While a difficult decision, in the end, MVRPC's hand has been forced and we are taking action. All questions should be directed to Brian.

### 2. Current Project Updates

#### Unsewered Communities

- Four of Five communities are on board the Unsewered Communities project (Bowersville, Wayne Lakes, Ludlow Falls, Glenwood). Three of the four have had their kickoff meeting with the engineering team; Ludlow Falls is scheduled for December 4. Fifth community recruiting is still ongoing in consultation with Ohio EPA and county health districts.
- Kickoff meetings have been attended by IBI Group, Ohio EPA, MVRPC and County Health officials in addition to local steering committee stakeholders. Project goals, schedules, and generic options have been discussed. Local committee members have been sharing pertinent information such as drinking water systems, and past studies (if any).

#### Open Space Plan

- Contract from Ohio EPA received in early November.
- Regional Planning staff have been at work updating the existing regional open space inventory and should have this complete by the end of December.
- Partners for the Environment Land Team (which will serve as the steering committee) next meets on January 8, 2015. Working with Team co-chairs to design the agenda for that meeting to meet project needs.

### Bikeways Plan Update

- The Bikeway Plan Update held its initial kickoff meeting with our regional stakeholders on October 30<sup>th</sup>. We collected several pages suggested goals and projects.
- MVRPC staff introduced the Level of Traffic Stress model, which was very well received. A representative from Five Rivers called it a 'game-changer' in a subsequent meeting.
- Staff is currently rewriting the red-lined sections of the old plan to document new and completed projects, updated goals and data.
- Public meetings will be held in each county through January and February.
- Safe Routes travel data has been collected for our local school districts from the National Center, which will drive updates to the Safe Routes chapter (7).
- 

### Agency Branding/Identity

After a thorough solicitation process, Hafenbrack Marketing has been selected for the agency's branding and identity campaign. The scope of services is currently being refined and will include a review/refresh of all print and electronic material, with emphasis on a new website. There will be group of 12 Board members participating in this campaign.

### Upcoming MVRPC meetings:

12/18/14	9:30 a.m. Technical Advisory Committee	MVRPC, 10 N. Ludlow Suite 700
1/8/15	8:30 a.m. Executive Committee	9:00 a.m. Board of Directors - TBD

The Miami Valley Regional Planning Commission has moved to our new office located at **10 N. Ludlow St., Suite 700 Dayton, Ohio 45402.**

Use the provided map to locate parking and ADA accessible locations close to our new office. For driving directions, refer to the back of this sheet or visit [www.mvrpc.org](http://www.mvrpc.org).

### PARKING LOCATIONS AND INFORMATION

#### Arts Garage

**107 N. Ludlow**

\$2 First half hour; \$1.50 per half hour after; \$9 Daily

Over 120 visitor spaces and 16 ADA accessible spaces available daily.

#### City Hall Garage

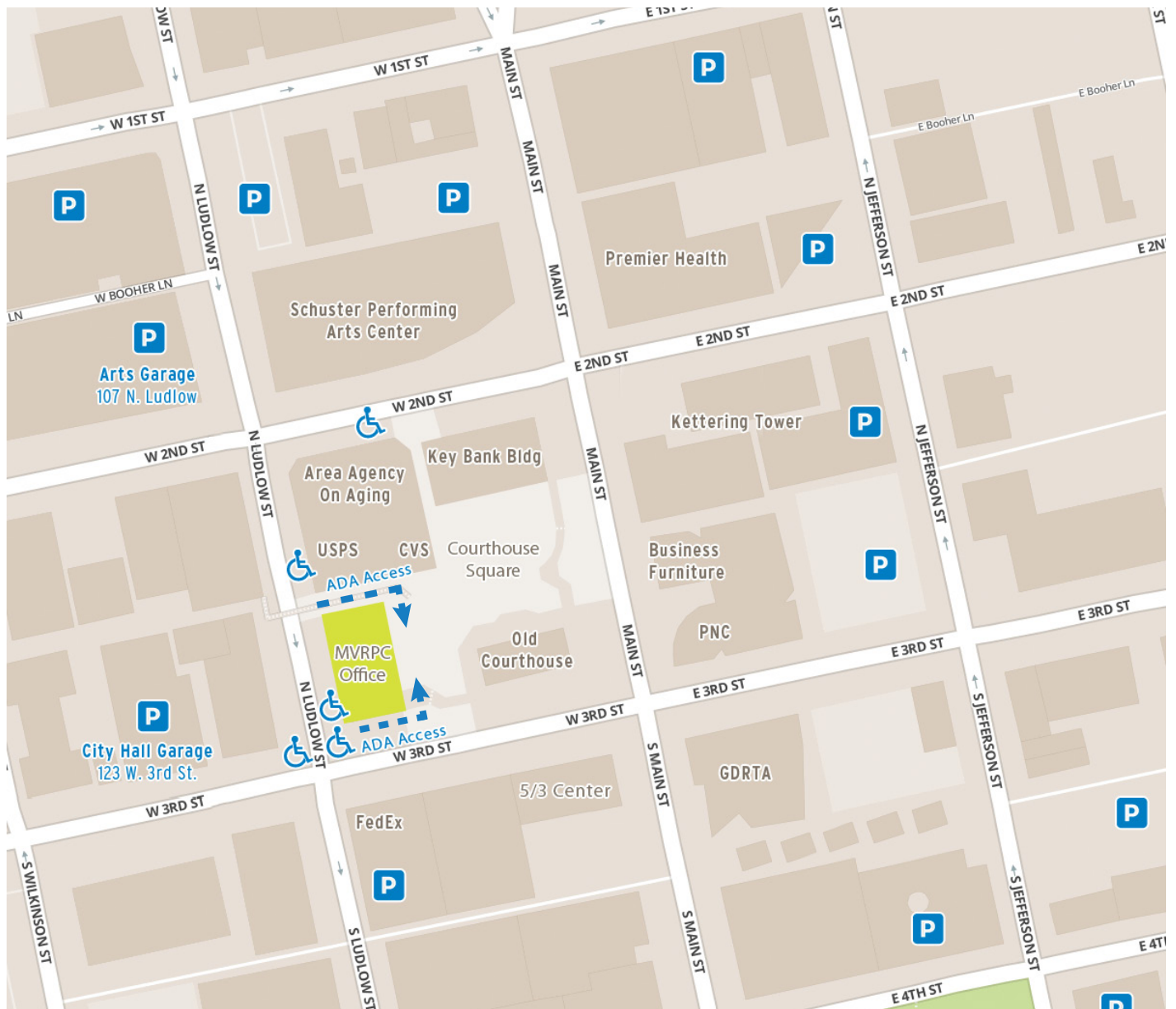
**123 W. Third St.**

\$2 Hourly; \$8 Daily

### Metered Parking

Meters range in cost depending on location from as low as 25 cents per 30 minute minimum. The length of time allowed at a parking meter is based on its location. Meters in front of businesses can be as short as 30 minutes while meters on the perimeter of downtown can be as long as 10 hours.

There is metered parking along Ludlow for 75 minutes.





## DRIVING DIRECTIONS

Below are common driving directions from several of our surrounding communities. Please be aware these routes are subject to change due to unforeseen road construction, detours or alterations in traffic patterns. Please check local traffic information before your commute.

### TIPP CITY

- ▶ Get on I-75 S from W Broadway Ave and W Main St
- ▶ Follow I-75 S to N Main St in Dayton. Take exit 54A from I-75 S
- ▶ Turn left onto N Main St
- ▶ Turn right onto W Monument Ave
- ▶ Take the 1st left onto N Ludlow St

### SPRINGBORO

- ▶ Get on I-75 N in Miamisburg from OH-741 N
- ▶ Follow I-75 N to N Main St in Dayton. Take exit 54A from I-75 N
- ▶ Turn right onto N Main St
- ▶ Turn right onto W Monument Ave
- ▶ Take the 1st left onto N Ludlow St

### XENIA

- ▶ Take US-35 BUS W/W Main St to US-35 W in Beavercreek
- ▶ Follow US-35 W to S Jefferson St in Dayton. Take the Jefferson St exit from US-35 W
- ▶ Merge onto S Jefferson St
- ▶ Turn left onto E 2nd St
- ▶ Take the 2nd left onto N Ludlow St

### EATON

- ▶ Follow US-35 E to S Jefferson St in Dayton. Take the Jefferson St exit from US-35 E
- ▶ Merge onto S Jefferson St
- ▶ Turn left onto E 2nd St
- ▶ Take the 2nd left onto N Ludlow St

### ENGLEWOOD

- ▶ Head south on S Main St/National Rd toward Chestnut St
- ▶ Turn right onto W Monument Ave
- ▶ Take the 1st left onto N Ludlow St

