



FY 2013

**July 1, 2012 to
June 30, 2013**

Unified Planning Work Program

April 2012



EAST-WEST GATEWAY
Council of Governments

Creating Solutions Across Jurisdictional Boundaries

*FY 2013
Unified Planning Work Program*

April 2012

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The preparation of this Unified Program Working Program was financed in part through funds provided by the U.S. Department of Transportation, the Federal Highway Administration, and the Federal Transit Administration.

The East-West Gateway Council of Governments

The East-West Gateway Council of Governments (EWG or Council) provides a forum for local governments of the bi-state St. Louis area to work together to solve problems that cross jurisdictional boundaries. The geographic region that East-West Gateway has served since 1965 is the 4,500 square miles encompassed by the City of St. Louis; Franklin, Jefferson, St. Charles, and St. Louis counties in Missouri; Madison, Monroe, and St. Clair counties in Illinois.

East-West Gateway is the metropolitan planning organization (MPO) for the area, which means that the federal government and the states have vested legal authority and responsibility in the agency for developing and adopting plans for the region's surface transportation system. Any transportation project within the boundaries of the eight member counties that will be wholly or partially funded with federal dollars must be contained in plans that are formally adopted by the Board of Directors.

Transportation planning is not simply an exercise in design and engineering. It requires understanding and addressing the complex relationship between mobility and the region's economy, community, and ecology. Its final product is an evolving transportation investment strategy to serve the region's economic vitality and broad quality of life goals. For that reason, the tools of planning – many of which are referenced later in this document – include population and employment estimates, land use and transportation facility inventories and maps, environmental quality assessments, computer models of existing and future travel patterns, and activities to engage interest groups and community residents in setting priorities.

East-West Gateway's designation as a regional council of governments (COG) means that the agency has the civic responsibility to set the table for cooperative planning and problem-solving among and between any of its member local governments who believe that they can accomplish better things by working together than by acting separately. Although much of this cooperative planning takes place among the eight major jurisdictions of the region, it is not uncommon to find several small cities and towns clustered around a community betterment initiative at East-West Gateway. These initiatives address issues as diverse as tax policy, environmental quality, public safety, workforce development, access to jobs, economic development, community planning, and others that might be of interest to members of the Board of Directors.

Introduction

This document specifies the work that the East-West Gateway Council of Governments expects to undertake in carrying out its mission in fiscal year 2013, between July 1, 2012 and June 30, 2013. Although the tasks and desired accomplishments before the agency are varied and diverse, the Unified Planning Work Program (UPWP) is the one document that is used to organize and unify all of the agency's work for the coming year.

The development of the UPWP creates an opportunity for the policy-makers on the Board of Directors, the agency's advisory committees, and our funding agencies to review and consider East-West Gateway's many discrete activities in the context of the whole. It also provides staff with a valuable management tool and is part of grant applications for several state and federal program. While every effort is made to anticipate and prepare for the full 12 months of work each year in the early spring when the UPWP is assembled, unexpected circumstances sometimes necessitate additions to the document outside the regular annual cycle. When this happens, and funding has been clearly identified for any new activities, the Board is presented the opportunity to amend new work into the UPWP as part of the monthly meetings.

Program and Functional Areas

The East-West Gateway staff members who carry out this work are grouped into five departments: Transportation Planning, Community Planning and Outreach, Research Services, Regional Security Planning, and Administration. Each department houses a rich mix of academic backgrounds and professional experiences. The complexity of our work frequently demands interdepartmental coordination, interdisciplinary research, and the considerable involvement of members of the affected public and constituent interest groups. Virtually none of the work elements contained in the FY 2013 UPWP can be properly implemented without a team effort.

The major planning and problem-solving functions to be performed during the year have been grouped under four broad headings: RESEARCH AND ANALYSIS, PLANNING, POLICY and COMMUNITY ENGAGEMENT. There are multiple sub-headings under the broader topics, usually consisting of a series of individual work elements. The work that cuts across agency departments is combined into work elements where staff from different departments will collaborate.

The work in RESEARCH AND ANALYSIS is designed to develop a sound factual basis for investment decisions for the region's surface transportation system and for the other systems and initiatives that contribute to the economic health and quality of life in the region. Work elements under RESEARCH AND ANALYSIS include one of the core analytical tools of transportation planning, the travel demand model. This model helps planners forecast future travel on the region's transportation system which informs where and how investments should be made. Other modeling will be conducted in land use, housing, population, and employment forecasts, all of which are key to transportation planning and for regional sustainable development planning required for the grant from the U.S. Department of Housing and Urban Development (HUD).

Also included is the management of regional information systems, like the agency wide database and geographic information system. We are continuing work on regional competitiveness, through research on the metropolitan economy, publication of brief reports that follow from the 6th edition of *Where We Stand* are included, as is support to member local governments and agencies through dissemination of research and data as requested.

The PLANNING section of the UPWP includes the largest number of staff from the widest array of departments within the agency. Transportation, environmental, and regional security planning are all included here. Within transportation planning there is corridor planning, the Transportation Improvement Program, a regional freight study, and multimodal transportation planning, as well as discrete projects like the Great Streets Initiative. Some of the transportation planning activities described here will be completed during FY 2013, and some of them will continue into future fiscal years. Under the subsection of Regional Development and Sustainability, staff will work on transit oriented development planning, air and water quality issues, monitoring the all hazard mitigation plan and working on the Regional Plan for Sustainable Development (RPSD). The agency continues to work on regional security planning with the St. Louis Area Regional Response System (STARRS).

The work in POLICY represents an assortment of research and policy activities, many of which cut across discrete programmatic lines. There are two key areas of policy analysis for the upcoming year: transportation finance and regional competitiveness. Transportation finance is an ongoing issue of concern, given the uncertainty of federal funding and the continuing needs for infrastructure in the metropolitan region. Promotion of the economic health and vitality of the region is a key element of the agency's mission and regional competitiveness is the work element that describes discrete efforts to support work on strengthening the metropolitan economy, although such work is woven throughout the work program in a variety of areas.

All of the work in the agency is informed by the staff's efforts in public involvement and COMMUNITY ENGAGEMENT. Transportation planning, community development, economic development, local government support, and regional security all require a substantial amount of education and outreach to citizens and member governments. The work in COMMUNITY ENGAGEMENT also seeks to obtain responses and feedback from the public to help shape the work the agency does and, ultimately, the policies formed by the Board of Directors. To obtain public input into the UPWP, for example, it has been made available for public comment on the agency's website, with an e-mail address to which comments may be sent. Staff has informed all of the standing committees of the draft to obtain their comments as well. All of the comments will be considered before its final adoption. Working committees in key areas provide advice and input to staff on a regular basis. A list of these committees and their current members is included as Appendix C.

In addition to these broad headings, several in-house functions are grouped into a fifth category: functional areas. These activities include many of the nuts-and-bolts of regional planning: information management, information systems implementation, and program administration. These are cross-cutting functions within the agency, the results of which appear in many of the products generated under other areas.

The sections that follow describe each of the work program elements in more detail. Unless otherwise noted, all of the activities described in each work program element are to be completed by East-West Gateway staff. If another agency is responsible or a consultant will be doing some or all of the work, it will be noted.

Funding

The work contained in this document will be supported by financial grants and in-kind resources from federal, state, and local government sources, as well as private foundations and investments. The local cash is provided by member local governments at a rate of 12.5 cents per capita annually.

East-West Gateway submits this UPWP to our funding agencies as a commitment to fulfill our legal obligations as the region's designated MPO, and to our local governments and the public as a commitment to do all we can to enhance quality of life as the region's COG. The program is ambitious, and the agency asks the two states and our member governments to continue providing funds to support the metropolitan planning process. All programs are subject to revision, should conditions or funding change.

The East-West Gateway Council of Governments assures that no person shall, on the grounds of race, color, national origin, or gender, as provided by Title VI of the Civil Rights Act of 1964 and the Civil Rights Restoration Act of 1987 (PL 100.259) (Title VI), or because of a disability, as provided by the Americans with Disabilities Act (ADA), be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity.

LIST OF ACRONYMS

ADA	- Americans with Disabilities Act
AMPO	- Association of Metropolitan Planning Organizations
AMSC	- Area Maritime Security Committee
AQAC	- Air Quality Advisory Committee
AQI	- Air Quality Index
ASPR	- U.S. Department of Health and Human Services Office of the Assistant Secretary for Preparedness & Response
BRT	- Bus Rapid Transit
CID	- Community Improvement District
CMP	- Congestion Management Process
CMAQ	- Congestion Mitigation Air Quality
COG	- Council of Governments
CPG	- Consolidated Planning Grant
DBE	- Disadvantaged Business Enterprise
DHS	- U. S. Department of Homeland Security
DOT	- U.S. Department of Transportation
EAC	- Executive Advisory Committee
EJ	Environmental Justice
EPA	- U. S. Environmental Protection Agency
EWG	- East-West Gateway Council of Governments
FEMA	- Federal Emergency Management Agency
FHWA	- Federal Highway Administration
FTA	- Federal Transit Administration
FY	- Fiscal Year
GGL	- Gateway Green Light
GIS	- Geographic Information System
HUD	- U.S. Department of Housing and Urban Development
IDOT	- Illinois Department of Transportation
IECGP	- Interoperable Communications Grant Program
IEPA	- Illinois Environmental Protection Agency
ITS	- Intelligent Transportation System
JARC	- Jobs Access and Reverse Commute
LEAM	- Land Use Evolution and Impact Assessment Model
LEP	Limited English Proficiency
M&O	- Management and Operations
MoDOC	- Missouri Department of Conservation
MoDHSS	- Missouri Department of Health and Senior Services
MoDNR	- Missouri Department of Natural Resources
MoDOT	- Missouri Department of Transportation
MoRAP	- Missouri Resource Assessment Partnership
MO OHS	- Missouri Office of Homeland Security
MOU	- Memorandum of Understanding

LIST OF ACRONYMS

MOVES	- Motor Vehicle Emission Simulator
MPO	- Metropolitan Planning Organization
MTP	- Metropolitan (Long-Range) Transportation Plan
MSD	- Metropolitan St. Louis Sewer District
NEMO	- Non-point source Education for Municipal Officials
PL	- Metropolitan Area Transportation Planning Funds
PPA	- Public Policy Administration
PPRC	- Public Policy Research Center
RPSD	- Regional Plan for Sustainable Development
SAFETEA-LU	- Safe, Accountable, Flexible, Efficient Transportation Equity Act: a Legacy for Users
SEMA	- State of Missouri State Emergency Management Agency
SIP	- State Implementation Plan
SIUE	- Southern Illinois University - Edwardsville
SLACMA	- St. Louis Area City Managers Association
STARRS	- St. Louis Area Regional Response System
SWILCMA	- Southwestern Illinois City Management Association
TBD	- To Be Determined
TIP	- Transportation Improvement Program
TOD	- Transit Oriented Development
TPC	- Transportation Planning Committee
UASI	- Urban Areas Security Initiative
UMSL	- University of Missouri - St. Louis
UPWP	- Unified Planning Work Program

FY2013 FUNDING SUMMARY CHART

NEW FUNDING IN UPWP FY 2013 PERIOD

WORK ELEMENT	STATE and LOCAL				FEDERAL				TOTAL
	EWG	MODOT	OTHER ³	TRANSPORTATION PLNG.FUNDS	IDOT	Amount	Agency	TOTAL	
1.01 : Regional Travel Demand Modeling & Sys. Eval.	\$ 18,986	\$ -	\$ -	\$ 75,944	\$ -	\$ -	-	\$ 75,944	\$ 474,650
1.02 : On-Board Regional Transit Survey	40,000	-	200,000	758,400	201,600	-	-	201,600	1,200,000
1.05 : GIS Implementation	48,000	-	-	153,600	38,400	-	-	38,400	240,000
1.06 : Information Management and Services	62,000	-	-	198,400	49,600	-	-	49,600	310,000
1.12 : Regional Decisions Support Systems	55,156	-	-	247,244	57,600	-	-	57,600	360,000
2.01 : Integrated Transportation Systems Management	4,000	-	-	80,000	16,000	-	-	16,000	100,000
2.03 : Transportation Improvement Program and Project Monitoring	17,920	-	-	358,400	71,680	-	-	71,680	448,000
2.04 : Transportation Planning Data Collection and Analysis - MODOT	-	241,166	-	-	-	-	-	-	241,166
2.07 : Transit System Planning and Development (Metro)	-	-	40,000	128,000	32,000	-	-	32,000	200,000
2.09 : Transportation Program Administration	9,000	-	-	28,800	7,200	-	-	7,200	45,000
2.11 : Multimodal Transportation Planning	10,200	-	-	204,000	40,800	-	-	40,800	255,000
2.13 : Great Streets Initiative	17,600	-	200,000	870,400	-	-	-	870,400	1,088,000
2.16 : Regional Freight Study	35,000	262,500	-	262,500	-	140,000	SPR/IDOT	140,000	700,000
2.17 : Transportation Corridor Planning-Missouri	-	-	-	177,000	-	-	-	177,000	177,000
2.18 : Regional Bus Rapid Transit Study	-	-	700,000	-	-	250,000	FTA	250,000	950,000
2.19 : Long-Range Transportation Planning	9,600	-	-	192,000	38,400	-	-	38,400	240,000
2.21 : Ecological Approach to Infrastructure Development	5,640	-	-	112,800	22,560	-	-	22,560	141,000
2.23 : Transit Oriented Development Planning	10,891	-	-	34,852	8,713	-	-	8,713	54,456
2.25 : SW Illinois Flood Protection Initiative	-	-	192,000	-	-	-	-	-	192,000
2.32 : Air Quality Coordination	-	-	-	-	-	60,000	EPA/MO/IL	60,000	60,000
2.33 : Ozone Data Sharing Project (2012/2013)	-	-	-	-	-	9,770	EPA/MDNR	9,770	9,770
2.35 : Water Quality Coordination-Watershed Planning	-	-	20,000	-	-	35,000	EPA/MDNR	35,000	55,000
2.36 : Reg 208 Water Quality Mgt Plan Update	-	-	-	-	-	75,000	EPA/MDNR	75,000	75,000
2.38 : Community Building	124,000	-	-	396,800	99,200	-	-	99,200	620,000
2.39 : Monitoring & Implementing All Hazard Mitigation Plan	-	-	2,500	-	-	22,500	FEMA/SEMA	22,500	25,000
2.81 : Urban Area Security Initiative	-	-	-	-	-	2,312,779	FEMA/MO OHS	2,312,779	2,312,779
2.88 : Bioterrorism Preparedness for Hospitals	-	-	-	-	-	611,622	ASPR/DHSS	611,622	611,622
3.01 : Transportation Finance	1,120	-	-	22,400	4,480	-	-	4,480	28,000
3.06 : Regional Competitiveness	39,835	-	-	178,565	41,600	-	-	41,600	260,000
4.01 : Community Engagement - Public Involvement	64,500	-	-	206,400	51,600	-	-	51,600	322,500
4.04 : Transportation Safety Initiative	4,040	-	-	80,800	16,160	-	-	16,160	101,000
4.11 : Local Government Partnership	20,400	-	-	65,280	16,320	-	-	16,320	102,000
4.97 : Local Government Assistance	-	-	14,000	-	-	-	-	-	14,000
Total	\$ 597,888	\$ 503,666	\$ 1,368,500	\$ 5,136,361	\$ 889,857	\$ 3,516,671		\$ 3,516,671	\$ 12,012,943

¹ MODOT receives metropolitan transportation planning funds through a Consolidated Planning Grant.

² Funding source: FHWA planning funds \$653,567, FTA planning funds \$236,290.

³ See next page for funding detail.

FY2013 FUNDING SUMMARY CHART

ESTIMATED FUNDING CARRYOVER* FROM PROGRAM YEAR 2012

WORK ELEMENT	STATE and LOCAL				FEDERAL				TOTAL
	EWGCC	MODOT	OTHER	TRANSPORTATION PLNG. FUNDS		Amount	OTHER	Agency	
				MODOT	IDOT				
2.10 : Loop Trolley Design Management	-	-	18,200	-	-	72,800	FTA	91,000	
2.12 : Loop Trolley Design and Engineering	-	-	132,860	-	-	531,440	FTA	664,300	
2.14 : Coordinated Human Service Transportation Plan	-	-	-	-	-	32,000	FTA	32,000	
2.33 : Ozone Data Sharing Project (2012/2013)	-	-	-	-	-	5,862	EPA/MDNR	5,862	
2.37 : Reg Bio-Retention Planning, Research	8,000	-	180,000	-	-	265,350	EPA/MDNR	453,350	
2.40 : Sustainable Communities Planning	-	-	1,789,500	-	-	3,932,755	HUD	5,722,255	
2.81 : Urban Area Security Initiative	-	-	-	-	-	14,796,683	FEA/MO OHS	14,796,683	
2.84 : Regional Port Security Initiative	-	-	-	-	-	7,645,054	FEA	7,645,054	
2.85 : Homeland Security Regional Response System Sustainment	-	-	-	-	-	123,853	DOC/MO OHS	123,853	
Total Estimated Carryover Funding Available	\$ 8,000		\$ 2,120,560			\$ 27,405,797		\$29,534,357	
Total Estimated New Funding (from pg ix)								12,012,943	
Grand Total Estimated Funding Available for FY 2013 (July 1 - June 30)								\$41,547,300	

DETAIL OF STATE & LOCAL -OTHER FUNDING

(from page IX)

NEW FUNDING IN UPWP FY2013 PERIOD

WORK ELEMENT	Other	Source
1.02 : On-Board Regional Transit Survey	200,000	TBD
2.07 : Transit System Planning and Development (Metro)	40,000	METRO
2.13 : Great Streets Initiative	200,000	TBD
2.18 : Regional Bus Rapid Transit Study	700,000	METRO
2.25 : Flood Protection Initiative in Illinois	192,000	SOUTHWESTERN FLOOD PREVENTION DISTRICT COUNCIL
2.35 : Water Quality Coordination-Watershed Planning	20,000	MISSOURI DEPT OF CONSERVATION
2.39 : Monitoring & Implementing All Hazard Mitigation Plan	2,500	TBD
4.97 : Local Government Support	14,000	TBD
Total	\$ 1,368,500	

ESTIMATED FUNDING CARRYOVER FROM PROGRAM YEAR 2012

WORK ELEMENT	Other	Source
2.10 : Loop Trolley Design Management	18,200	LOOP TROLLEY TRANS DEVELOPEMNT DISTRICT
2.12 : Loop Trolley Design and Engineering	132,860	LOOP TROLLEY TRANS DEVELOPEMNT DISTRICT
2.37 : Reg Bio-Retention Planning, Research	180,000	ACADEMY OF SCIENCE-ST LOUIS, MSD, SIUE, SOUTH GRAND CID
2.4 : Sustainable Communities Planning	1,789,500	CITY OF ST. LOUIS, ST. LOUIS COUNTY, FOCUS, APPLIED RESEARCH COLLABORATIVE, TRIALNET, SOUTHWESTERN ILLINOIS RESOURCE CONSERVATION AND DEVELOPMENT, CITIZENS FOR MODERN TRANSIT, METRO, GREAT RIVERS GREENWAY, METROPOLITAN ST. LOUIS EQUAL HOUSING OPPORTUNITY COUNCIL
Total	\$ 2,120,560	

SUMMARY OF ESTIMATED EXPENDITURES FOR NEW FY 2013 FUNDING

WORK ELEMENT	Estimated Expenditures					Total
	Personnel	Other direct*	Indirect	Contractual Services		
1.01 : Regional Travel Demand Modeling & Sys. Eval.	\$ 322,110	\$ 12,360	\$ 140,180		\$	474,650
1.02 : On-Board Regional Transit Survey				\$ 1,200,000		1,200,000
1.05 : GIS Implementation	160,692	9,375	69,933			240,000
1.06 : Information Management and Services	215,441	800	93,759			310,000
1.12 : Regional Decisions Support Systems	232,554	1,240	101,206	25,000		360,000
2.01 : Integrated Transportation Systems Management	68,527	1,650	29,823			100,000
2.03 : Transportation Improvement Program and Project Monitoring	200,015	10,940	87,045	150,000		448,000
2.04 : Transportation Planning Data Collection and Analysis - MODOT	241,166					241,166
2.07 : Transit System Planning and Development (Metro)				200,000		200,000
2.09 : Transportation Program Administration	24,248	10,200	10,552			45,000
2.11 : Multimodal Transportation Planning	173,391	6,150	75,459			255,000
2.13 : Great Streets Initiative	58,354	4,250	25,396	1,000,000		1,088,000
2.16 : Regional Freight Study	-			700,000		700,000
2.17 : Transportation Corridor Planning-Missouri	122,861	670	53,469			177,000
2.18 : Regional Bus Rapid Transit Study	-			950,000		950,000
2.19 : Long-Range Transportation Planning	162,800	6,350	70,850			240,000
2.21 : Ecological Approach to Infrastructure Development	54,836	2,300	23,864	60,000		141,000
2.23 : Transit Oriented Development Planning	36,898	1,500	16,058			54,456
2.25 : SW Illinois Flood Protection Initiative	192,000					192,000
2.32 : Air Quality Coordination	41,806		18,194			60,000
2.33 : Ozone Data Sharing Project (2012/2013)	6,807		2,963			9,770
2.35 : Water Quality Coordination-Watershed Planning	36,894	2,050	16,056			55,000
2.36 : Reg 208 Water Quality Mgt Plan Update	50,760	2,150	22,090			75,000
2.38 : Community Building	429,071	4,200	186,729			620,000
2.39 : Monitoring & Implementing All Hazard Mitigation Plan	16,026	2,000	6,974			25,000
2.81 : Urban Area Security Initiative	870,460	863,500	378,819	200,000		2,312,779
2.88 : Bioterrorism Preparedness for Hospitals	86,092	388,063	37,467	100,000		611,622
3.01 : Transportation Finance	18,917	850	8,233			28,000
3.06 : Regional Competitiveness	179,627	2,200	78,173			260,000
4.01 : Community Engagement - Public Involvement	223,140	2,250	97,110			322,500
4.04 : Transportation Safety Initiative	66,925	4,950	29,125			101,000
4.11 : Local Government Partnership	53,825	2,750	23,425	22,000		102,000
4.97 : Local Government Assistance	1,881	11,300	819			14,000
Total	\$ 4,348,124	\$ 1,354,048	\$ 1,703,771	\$ 4,607,000	\$	12,012,943

* Other direct includes printing, software licensing, travel, equipment acquisition, etc.

FY 2013 SUPPLEMENTAL FUNDING INFORMATION FOR NEW FUNDING
DETAIL OF PLANNING PROGRAM BY STATE (FHWA PL AND FTA SEC 5303)

WORK ELEMENT	MODOT CPG FUNDS	PARTICIPATION PERCENTAGE	IDOT PLANNING FUNDS	PARTICIPATION PERCENTAGE
1.01 : Regional Travel Demand Modeling & Sys. Eval.	379,720		75,944	
1.02 : On-Board Regional Transit Survey	758,400		201,600	
1.05 : GIS Implementation	153,600		38,400	
1.06 : Information Management and Services	198,400		49,600	
1.12 : Regional Decisions Support Systems	247,244		57,600	
2.01 : Integrated Transportation Systems Management	80,000		16,000	
2.03 : Transportation Improvement Program and Project Monitoring	358,400		71,680	
2.07 : Transit System Planning and Development (Metro)	128,000		32,000	
2.09 : Transportation Program Administration	28,800		7,200	
2.11 : Multimodal Transportation Planning	204,000		40,800	
2.13 : Great Streets Initiative	870,400		-	
2.16 : Regional Freight Study	262,500		-	
2.17 : Transportation Corridor Planning-Missouri	177,000		-	
2.19 : Long-Range Transportation Planning	192,000		38,400	
2.21 : Ecological Approach to Infrastructure Development	112,800		22,560	
2.23 : Transit Oriented Development Planning	34,852		8,713	
2.38 : Community Building	396,800		99,200	
3.01 : Transportation Finance	22,400		4,480	
3.06 : Regional Competitiveness	178,565		41,600	
4.01 : Community Engagement - Public Involvement	206,400		51,600	
4.04 : Transportation Safety Initiative	80,800		16,160	
4.11 : Local Government Partnership	65,280		16,320	
Total Federal Funds	5,136,361	80.00% ¹	889,857	80.00%
Match - EWG	358,824	5.59%	204,065	18.35%
Match - Other	421,600	6.56%	18,400	1.65%
Match - MODOT	262,500	4.09%	-	0.00%
TOTAL EWG Cost of FY 2012 Transportation Planning Program	\$ 6,179,285		\$ 1,112,322	
Value of MODOT "Direct Cost" Metropolitan Planning Activity ¹	241,166	3.76%	-	-
Total Value of Transportation Planning Work Elements	6,420,451	100.00%	1,112,322	100.00%

¹ Federal funding as a percentage of Total EWG Cost is actually 83.12%. The value of MoDOT "direct costs" allows EWG to include \$964,664 of CPG funds in the total program.

Available Funding

East-West Gateway estimates that \$11,020,000 will be available in Consolidated Planning Grant funds, through the Missouri Department of Transportation, for the program year beginning July 1, 2012. This estimate is based on the projected unspent funds available from prior years and an estimated FFY 2012 allocation of \$3,500,000.

IDOT has not provided carryover funding balance information for the FHWA and FTA metropolitan planning funds. IDOT estimates that \$890,267 will be available from FY2012 based on the apportionment for planning provided for the period October 1, 2011 - March 2, 2012. Our estimated expenditures are based on this assumption.

EWG will have \$611,400 available as match in 2012 from per capita contributions, TIP fees, and Illinois metropolitan planning funds. We've estimated that \$597,888 will be required to match the new funding and an additional \$8,000 will be required for the carryover funding.

FY 2013 SUPPLEMENTAL FUNDING INFORMATION FOR NEW FUNDING

Detail of MODOT Planning Funds

WORK ELEMENT		MODOT CPG FUNDS	STATE & LOCAL PARTICIPATION	(Missouri Portion) ELEMENT TOTAL
1.01 :	Regional Travel Demand Modeling & Sys. Eval.	379,720	-	379,720
1.02 :	On-Board Regional Transit Survey	758,400	189,600	948,000
1.05 :	GIS Implementation	153,600	38,400	192,000
1.06 :	Information Management and Services	198,400	49,600	248,000
1.12 :	Regional Decisions Support Systems	247,244	40,756	288,000
2.01 :	Integrated Transportation Systems Management	80,000	-	80,000
2.03 :	Transportation Improvement Program and Project Monitoring	358,400	-	358,400
2.07 :	Transit System Planning and Development (Metro)	128,000	32,000	160,000
2.09 :	Transportation Program Administration	28,800	7,200	36,000
2.11 :	Multimodal Transportation Planning	204,000	-	204,000
2.13 :	Great Streets Initiative	870,400	217,600	1,088,000
2.16 :	Regional Freight Study	262,500	262,500	525,000
2.17 :	Transportation Corridor Planning-Missouri	177,000	-	177,000
2.19 :	Long-Range Transportation Planning	192,000	-	192,000
2.21 :	Ecological Approach to Infrastructure Development	112,800	-	112,800
2.23 :	Transit Oriented Development Planning	34,852	8,713	43,565
2.38 :	Community Building	396,800	99,200	496,000
3.01 :	Transportation Finance	22,400	-	22,400
3.06 :	Regional Competitiveness	178,565	29,435	208,000
4.01 :	Community Engagement - Public Involvement	206,400	51,600	258,000
4.04 :	Transportation Safety Initiative	80,800	-	80,800
4.11 :	Local Government Partnership	65,280	16,320	81,600
	TOTAL EWG Cost of FY 2013 Transportation Planning Program	\$ 5,136,361	\$ 1,042,924	\$ 6,179,285
2.04	Value of MODOT "Direct Cost" Metropolitan Planning Activity ¹		241,166	241,166
	Total Value of Transportation Planning Work Elements (Missouri Portion)	\$ 5,136,361	\$ 1,284,090	\$ 6,420,451

¹ The value of MoDOT "direct costs" allows EWG to include \$964,664 of CPG funds in the total program.

FY 2013 SUPPLEMENTAL INFORMATION FOR NEW FUNDING
 Detail of IDOT Planning Funds

WORK ELEMENT	IDOT		FEDERAL TRANS. PLANNING FUNDS TOTAL	STATE AND LOCAL PARTICIPATION	FEDERAL PLUS MATCH
	FHWA (PL)	FTA (5303)			
1.01 Regional Travel Demand Modeling & Sys. Eval.	72,147	3,797	75,944	18,986	94,930
1.02 On-Board Regional Transit Survey	38,400	163,200	201,600	50,400	252,000
1.05 GIS Implementation	36,480	1,920	38,400	9,600	48,000
1.06 Information Management and Services	47,120	2,480	49,600	12,400	62,000
1.12 Regional Decisions Support Systems	54,720	2,880	57,600	14,400	72,000
2.01 Integrated Transportation Systems Management	15,200	800	16,000	4,000	20,000
2.03 Transportation Improvement Program and Project Monitoring	68,096	3,584	71,680	17,920	89,600
2.07 Transit System Planning and Development (Metro)	0	32,000	32,000	8,000	40,000
2.09 Transportation Program Administration	6,840	360	7,200	1,800	9,000
2.11 Multimodal Transportation Planning	38,760	2,040	40,800	10,200	51,000
2.19 Long-Range Transportation Planning	36,480	1,920	38,400	9,600	48,000
2.21 Ecological Approach to Infrastructure Development	21,432	1,128	22,560	5,640	28,200
2.23 Transit Oriented Development Planning	0	8,713	8,713	2,178	10,891
2.38 Community Building	94,240	4,960	99,200	24,800	124,000
3.01 Transportation Finance	4,256	224	4,480	1,120	5,600
3.06 Regional Competitiveness	39,520	2,080	41,600	10,400	52,000
4.01 Community Engagement - Public Involvement	49,020	2,580	51,600	12,900	64,500
4.04 Transportation Safety Initiative	15,352	808	16,160	4,040	20,200
4.11 Local Government Partnership	15,504	816	16,320	4,080	20,400
Total	\$653,567	\$236,290	\$889,857	\$222,465	\$1,112,322

RESEARCH AND ANALYSIS

Total Budgeted for this functional area: \$2,584,650

RESEARCH AND ANALYSIS

Background

As the regional COG, the agency pursues research and analysis initiatives in order to better understand and monitor issues identified as important to the fiscal, economic and social well-being of the region. The work elements under research and analysis support a variety of regional functions of the agency: from developing regional travel demand forecasts for highway and transit systems to an analysis of the fiscal health of the region.

As the MPO for the region, East-West Gateway depends on several types of analysis and research to fulfill its obligations related to transportation planning. These include regional travel demand modeling as well as analyses of socioeconomic and demographic trends, forecasts, and monitoring of ongoing development activities. These work elements support the agency's role to continually improve its capacity to perform modeling, forecasting, and statistical analysis.

In addition to the day-to-day research and analysis performed by staff there are underlying regional information systems that must be in place within the agency to meet these research needs. By anticipating the need for specific information and having the technological capacity to collect, analyze, and disseminate information, agency staff provides the information necessary to support regional decision-making in a timely and strategic manner.

The five work elements described in this section represent the agency's efforts to increase our understanding of the socioeconomic and transportation trends and future needs facing our region.

Regional Travel Demand Modeling and System Evaluation – An important technical component of the regional planning process is the travel demand model, which enables the agency to forecast future travel and evaluate the efficiency and effectiveness of the transportation system and proposed improvements. East-West Gateway is responsible for developing, maintaining and housing the regional travel demand model. This is a classic 4-step multi-modal traffic forecasting tool, and the transit modes include bus and rail. In the upcoming year, the agency will continue to maintain and enhance existing model sets and ensure that the transit model meets all criteria established by the Federal Transit Administration (FTA) for New/Small Starts capital projects. Work will also continue developing analytical methods to better evaluate the performance of the transportation system and individual projects relative to mobility, accessibility, land use, economic growth, and the natural environment. St. Louis Regional Plan for Sustainable Development (RPSD) will occupy a priority focus in East-West Gateway's 2012-2013 work plan. This opportunity is a result of new legislative initiatives involving DOT, HUD, and EPA and will encompass a cooperative regional planning effort designed to coordinate transportation, housing, economic development, and environmental decision making through multijurisdictional and institutional partnerships. The travel demand model will support RPSD activities by providing estimates of impacts associated with different development scenarios; key metrics provided will include vehicle miles of travel and travel mode choice. This model will also support conformity determination for the regional short and long range transportation plans, as mandated by federal regulations. State and local agencies are also provided assistance by providing them traffic forecasts.

On-Board Regional Transit Survey – One aspect of keeping the regional travel demand model current is periodic surveys that evaluate travel behavior and characteristics. This element involves conducting a regional survey of transit riders to better understand how people use the current transit system. That data will in turn be used to update mathematical formulations in the regional travel demand model to better reflect the observed conditions.

GIS Implementation – This work element provides the framework for the development and management of a regional Geographic Information System (GIS), by focusing on the acquisition and management of numerous data sets that are essential to regional analyses. The element is “needs-based” and includes necessary and collaborative efforts with local, state and federal agencies to acquire, maintain, and distribute the spatial data which is essential to an effective regional and transportation planning function.

Information Management & Services – This work element provides the basic computer and telecommunications services necessary for the day-to-day operations of the agency. Other activities of this element include maintaining the Council's web site, as well as the software applications and database systems used in the planning process.

Regional Decisions Support Systems – The focus here is the collection and analysis of socioeconomic and demographic information to support planning activities of internal staff and agency members. Central to this purpose is the continued development and support of a centralized, agency-wide database focusing on data necessary for measuring transportation system performance, as well as socioeconomic, demographic, land use, and environmental analyses. Additionally, collaboration will continue with the LEAMgroup in the form of maintenance and support for the LEAM desktop application. Staff will continue to provide data and technical assistance to a broad array of users.

Breakdown of Functional Area Research and Analysis:

1.01 : Regional Travel Demand Modeling & Sys. Eval.	474,650
1.02 : On-Board Regional Transit Survey	1,200,000
1.05 : GIS Implementation	240,000
1.06 : Information Management and Services	310,000
1.12 : Regional Decisions Support Systems	<u>360,000</u>
Total	2,584,650

REGIONAL TRAVEL DEMAND MODELING AND SYSTEM EVALUATION

1.01

Activities:

1. Manage consultant services to conduct an on-board transit survey and recalibrate the travel demand model mode choice module.
2. Refine transit model components to meet all FTA criteria for New/Small Starts modeling and analysis.
3. Revise and maintain highway and transit networks, reflecting both existing and future conditions.
4. Prepare travel demand forecasts for the Transportation Improvement Program (TIP) and air quality conformity determinations.
5. Prepare the outputs of TransEval to work with the new EPA air quality model Motor Vehicle Emission Simulator (MOVES) and ensure integration.
6. Provide modeling support for local and regional planning studies, including the St. Louis Regional Plan for Sustainable Development (RPSD).
7. Continue to refine integration of TransEval and LEAM models.
8. Research, develop, and test model-based transportation performance evaluation tools and techniques for use in corridor and long-range planning.
9. Maintain and update technical documentation of TransEval and its applications.
10. Initiate system wide functional classification review; maintain and revise functional classification and National Highway System definitions and maps.

Products/Outcomes:

- A. Enhanced highway and transit mode choice models and networks (ongoing)
- B. Travel demand forecasts and analyses to support the TIP and planning studies, including the RPSD (ongoing)
- C. Emission analysis for the conformity determination using EPA air quality model MOVES (ongoing)
- D. Integrated travel demand and LEAM model runs (ongoing)
- E. Compilation of performance evaluation methods (ongoing)

REGIONAL TRAVEL DEMAND MODELING AND SYSTEM EVALUATION
1.01

- F. Updates to functional classification and National Highway System networks (November 2012 and May 2013)

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	\$379,720
IDOT	75,944
Subtotal	<u>\$455,464</u>

Local:

EWG	<u>\$18,986</u>
Subtotal	<u>\$18,986</u>
TOTAL	<u><u>\$474,650</u></u>

ON-BOARD TRANSIT SURVEY

1.02

Activities*:

1. Prepare a regional database of existing transit users travel patterns in the bi-state St. Louis area by conducting travel surveys on all the transit modes, including light rail and buses, available in the region.
2. Analyze the travel pattern of transit users in the bi-state St. Louis area.
3. Analyze relationship between transit user demographics, socioeconomic characteristics and travel patterns, and better understand the travel characteristics of many specialized populations.
4. Develop relationships and techniques for estimating the mode choice behavior in the bi-state St. Louis region.
5. Recalibrate the regional travel demand model TransEval, by integrating these updated relationships and techniques in the mode choice model to better reflect the current mode choice behavior.
6. Validate and transition to the recalibrated model.
7. Prepare technical documentation of the survey methodology, instrument and transit travel pattern database development, including a final report.
8. Prepare technical documentation for TransEval recalibration.

**(Note: All activities will be performed by a consultant)*

Products/Outcomes:

- A. Executed contract for consulting services to conduct the on-board survey and recalibrate the travel demand model based on the survey results (October 2012)
- B. On-board transit survey proposed methodology report, survey instrument, pilot survey (February 2013)
- C. Conducted on-board transit survey (April 2013)
- D. Data sets of transit users travel and socioeconomic characteristics (June 2013)
- E. Validated base highway and transit travel demand model, and updated mode choice model parameters (June 2013)

ON-BOARD TRANSIT SURVEY

1.02

- F. Technical documentation and final report for the transit survey and model recalibration
(June 2013)

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	\$758,400
IDOT	201,600
Subtotal	<u>\$960,000</u>

Local:

EWG	\$40,000
TBD	\$200,000
Subtotal	<u>\$240,000</u>
TOTAL	<u>\$1,200,000</u>

GEOGRAPHIC INFORMATION SYSTEMS IMPLEMENTATION

1.05

Activities:

1. Provide the technical expertise, hardware/software, oversight, and training resources necessary to maintain and enhance an open and adaptive GIS in support of not only the regional transportation planning function of the agency but all other functions of the agency that require GIS in general, and mapping in particular.
2. In support of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: a Legacy for Users (SAFETEA-LU), continue to support agency staff and member jurisdictions in developing coordinated plans for transportation.
3. Support the Missouri GIS Advisory Committee and their Local Government and Homeland Security subcommittees.
4. Support online access via the East-West Gateway website to regional and subregional GIS maps for regional community and transportation planners.
5. Support efforts to identify, acquire and convert transportation, land use, and other data sets from a variety of external sources. Continue to incorporate the newest orthoimagery and aerial photography into the GIS.
6. Support efforts to monitor and track changes in generalized regional land use and develop methods for acquiring and creating detailed regional land use including the use of local data from member jurisdictions in support of planning under SAFETEA-LU.
7. Work with agency departments and personnel to lend guidance and technical assistance in maintaining quality control and standards for agency GIS publications, presentations, forums, and public outreach.
8. Support sustainability planning by providing technical expertise and oversight for GIS data development, online access to maps and geographic data, and developing comprehensive transportation, environmental, and land use data sets for the region.

Products/Outcomes:

- A. Improved GIS applications/templates and provision of technical training opportunities for staff. Distribute a revised **East-West Gateway GIS Guide** (April 2013)
- B. Updated and well-maintained data library system of agency-wide geography, databases, imagery, tools, and maps (ongoing)
- C. Data sharing, map products, training, and assistance to counties, municipalities, and partnering agencies. Enhanced support for regional land use modeling such as LEAM at the

**GEOGRAPHIC INFORMATION SYSTEMS IMPLEMENTATION
1.05**

University of Illinois. Continued support of Missouri and Illinois GIS users' groups (ongoing)

- D. "Map of the Month" section on the EWG website (ongoing)
- E. Updated and more comprehensive transportation, environmental, and land use data sets (ongoing)
- F. Improved parcel-based land use file (ongoing)

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	\$153,600
IDOT	38,400
Subtotal	<hr/>
	\$192,000

Local:

EWG	\$48,000
Subtotal	<hr/>
	\$48,000
TOTAL	<hr/>
	\$240,000

INFORMATION MANAGEMENT AND SERVICES

1.06

Activities:

1. Continue to develop and update the contents and functionality of EWG's web site and other Internet based communication methods, including social networking tools like Twitter, Facebook and others, to better inform the public in accordance with the Public Involvement Plan. Create and maintain additional project specific web sites as needed for transportation planning activities.
2. Maintain a system for effectively managing the wide variety of data collected, created, and utilized for in-house planning activities.
3. Provide staff resources to support the management of the Reference Library, which provides library and electronic resource services. Receive, catalogue and manage both printed materials and electronic data resources (e.g., Bureau of Transportation Statistics, Census Bureau, etc.) used to inform staff involved in the planning process. Respond to requests for information from local officials and the public and support reference area users.
4. Maintain database systems used to track and contact planning process participants and local officials.
5. Maintain software applications and database systems used to collect and manage TIP project information.
6. Evaluate in-house information management systems and make specific recommendations to management where new technologies and computer hardware and software upgrades would improve the quality and/or efficiency of in-house planning operations.

Products/Outcomes:

- A. Additional geographic data query capabilities via the web site (ongoing)
- B. Web site access to the major products of the metropolitan planning process (e.g., the TIP, Long Range Plan, various sub-area studies, planning assumptions, etc.) (ongoing)
- C. Additional linkages and connections to citizens, local governments, and state and federal agencies via the internet (ongoing)
- D. Timely access to meeting and event information and other related public information useful to the public involvement requirements of the transportation planning process via the internet (ongoing)

INFORMATION MANAGEMENT AND SERVICES

1.06

- E. Protocols and management systems necessary to efficiently manage and maintain data utilized in the planning process (ongoing)
- F. Functional Reference Library including printed materials and electronic data resources used to inform staff in the transportation planning process (ongoing)
- G. Support for Reference Library users (ongoing)
- H. Responses to requests for information from local officials and the public (ongoing)
- I. Centralized, up-to-date address databases used to track and contact planning process participants and local officials (ongoing)
- J. Updated process of collecting TIP project application information via the EWG website (Spring 2013)
- K. Maintain the in-house TIP database application, used to manage TIP project information (ongoing)
- L. A report identifying specific computer hardware and software upgrade recommendations and estimated costs (Fall 2012)

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	\$198,400
IDOT	49,600
Subtotal	<u>\$248,000</u>

Local:

EWG	<u>\$62,000</u>
Subtotal	<u>\$62,000</u>
TOTAL	<u><u>\$310,000</u></u>

REGIONAL DECISIONS SUPPORT SYSTEMS

1.12

Activities:

1. Identify, collect, and maintain data sets; focusing on those data necessary for transportation system performance, socioeconomic, demographic, land use, and environmental analysis.
2. Develop the internal platform for accessing and updating existing agency databases.
3. Provide requested data/technical assistance to agency staff, local governments, professional data users, the general public, and other partners and collaborators.
4. Develop land use, population, and employment forecasting scenarios to support the travel demand modeling system and other planning activities; create scenarios using the LEAM Desktop interface, working with LEAM staff to develop enhancements to the interface and special scenario runs. (*Staff and consultant*)
5. Support long range transportation planning by assembling and analyzing land use, demographic, and economic data.
6. Assist in preparing periodic analytical reports on issues of regional concern.
7. Train staff on how to access databases with various software platforms.
8. Collaborate with federal officials and other resource agencies to assess impacts associated with climate change at the regional and national levels.
9. Provide support to the development of the RPSD, including analysis and data processing for regional data archive, land use forecasting and scenario analysis, and other economic and demographic analysis as needed.

Products/Outcomes:

- A. Enhanced data resources/products for transportation and other regional planning activities (ongoing)
- B. Adapted/converted/developed land-use/socioeconomic model data files for the network traffic demand model system (ongoing)
- C. Information provided to municipal and county governments, professional data users, the general public, and all other partners and collaborators associated with the agency (ongoing)

REGIONAL DECISIONS SUPPORT SYSTEMS
1.12

- D. Consolidated agency database with improved links to external agency data sources (ongoing)
- E. Data dictionary and compendium of potential analytical methodologies (ongoing)
- F. Maps, data, and analysis to support agency planning activities (ongoing)
- G. Periodic reports on regional issues (ongoing)
- H. Staff training on database use (ongoing)
- I. Analyses of land use scenarios (ongoing)
- J. Data collected in support of regional data archive (ongoing)

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	\$247,244
IDOT	57,600
Subtotal	<u>\$304,844</u>

Local:

EWG	<u>55,156</u>
Subtotal	<u>\$55,156</u>
TOTAL	<u>\$360,000</u>

PLANNING

Total Budgeted for this functional area: \$38,135,150

TRANSPORTATION SYSTEM MANAGEMENT AND OPERATIONS

Background

The five elements in this category recognize the importance of maximizing the existing transportation system's efficiency and effectiveness. Traditionally, transportation planning has centered on the need for new capacity, with little emphasis on making existing assets perform to their full potential. This has resulted in a system that, in its present configuration, has untapped potential for accommodating more travel. That fuller potential is realized by ensuring proper maintenance of the system, by reconfiguring existing assets to improve operations, and by using technology to enhance system throughput and reliability. One of the five elements focuses on the implementation and coordination of technology to enhance regional system operations. A second element covers the process for making and monitoring the progress of short-term transportation investment decisions, and another two involve the collection and analysis of data necessary to evaluate the existing system's performance. A final element ensures that the Council's transportation planning and decision-making processes conform to federal requirements.

Integrated Transportation Systems Management – This element encapsulates a three-part approach to promoting more efficient operation of the region's highway and transit system's through the use of technology and information sharing. The planning involves maintaining the federally-mandated Regional Architecture for the deployment and management of an Intelligent Transportation System (ITS); maintaining a Congestion Management Process (CMP) that establishes congestion performance measures and provides a toolbox of mitigation techniques; and implementation of the Regional Arterial Management system (Gateway Green Light), a program for the coordinated management of the region's arterial system through signal synchronization.

Transportation Improvement Program and Project Monitoring – The TIP is an annual document through which federal funds are allocated to specific projects according to priorities established in the region's metropolitan (long-range) transportation plan. Consistent with the goals and objectives of that plan, the TIP process ensures that maintaining and managing the transportation system receive sufficient attention in making decisions on the investment of federal funds. This element describes the work necessary to develop the multi-year TIP, including the federally-mandated air quality conformity finding.

Transit System Planning and Development (Metro) and Transportation Planning Data and Collection (MoDOT) – These two elements incorporate data analysis and planning work performed by two partner agencies to monitor and enhance transit and highway system operations. The Metro work is funded by a pass-through of federal metropolitan planning (PL) funds allocated to the Council. The MoDOT work, financed entirely with state funds, is used to provide an in-kind match for the Council's use of CPG funds.

Transportation Program Administration – This element is designed to support the Council's transportation planning process and keep the agency eligible to receive federal funds by meeting

all obligations associated with the UPWP and other federal requirements. Major activities under this element include preparing and monitoring progress on the UPWP, documenting Title VI compliance, and managing the Council's DBE plan and program.

Breakdown of Function Area Transportation System Management and Operations:

2.01 : Integrated Transportation Systems Management	100,000
2.03 : Transportation Improvement Program and Project Monitoring	448,000
2.04 : Transportation Planning Data Collection and Analysis - MODOT	241,166
2.07 : Transit System Planning and Development (Metro)	200,000
2.09 : Transportation Program Administration	<u>45,000</u>
Total	1,034,166

INTEGRATED TRANSPORTATION SYSTEMS MANAGEMENT

2.01

Activities:

1. Maintain Regional ITS Architecture in coordination with MoDOT, IDOT, Metro, and local officials. Ensure that projects with ITS components advanced for funding conform to the regional architecture.
2. Implement recommendations of the Regional Arterial Management System - GGL; identify agencies responsible for leading and participating in the program; execute agreements; identify funding; and execute implementation plan.
3. Continue development and implementation of a framework for integrating the Regional Architecture and other M&O strategies into the metropolitan transportation planning and programming processes; identify ITS-generated data that can be used as inputs for the planning process; create M&O performance measures for the transportation system and evaluate the effectiveness of M&O and ITS strategies.
4. Update the CMP.
5. Implement the CMP through the metropolitan planning process, including a congestion database, evaluation measures, and mitigation approaches.
6. Hold periodic meetings of the congestion management working group to review and discuss the CMP and its implementation, address issues related to congestion management, and plan future implementation activities and revisions to the program. Provide technical assistance to local governments in applying CMP principles and addressing local congestion problems.
7. Integrate congestion management strategies in the TIP project solicitation and selection process.
8. Convene regional M&O, ITS, CMP, and Regional Architecture committees; ensure the participation of relevant local officials in regional discussions; coordinate with partner agencies to improve the collection of transportation data across geographic boundaries and between agencies.
9. Develop programs to educate partner agencies, elected and other local officials, and the community about the requirements and benefits of M&O practices and ITS.
10. Participate in mobility management initiative by MoDOT, which continues to develop performance measures and tracking causes of recurring and nonrecurring congestion and systematic transportation systems management/M&O measures.

Products/Outcomes:

- A. Updated Regional Architecture (ongoing)

**INTEGRATED TRANSPORTATION SYSTEMS MANAGEMENT
2.01**

- B. Executed agreements and funding plan for implementation of GGL (ongoing)
- C. Updated and approved CMP (September 2012)
- D. Regional M&O, ITS, CMP, and Regional Architecture partner meetings and activities (ongoing)
- E. Public education and engagement activities (ongoing)
- F. Process for evaluating M&O, ITS, and CMP and integrating the issues into the metropolitan transportation planning and programming process (ongoing)
- G. Agendas, presentations, and proceedings for congestion management working group meetings (ongoing)
- H. Assess impact and application of congestion mitigation strategies including demand management (TDM Toolbox) in corridor studies, EIS, and relevant project development. (ongoing)
- I. Coordinate with various partner agencies including IDOT, MoDOT, Metro, and project sponsors to make recommendations for system management and demand management strategies to enhance mobility and long-term sustainability of the projects (ongoing)

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	\$80,000
IDOT	16,000
Subtotal	\$96,000

Local:

EWG	4,000
Subtotal	\$4,000
TOTAL	\$100,000

TRANSPORTATION IMPROVEMENT PROGRAM AND PROJECT MONITORING

2.03

Activities:

1. Revise methods for evaluating and prioritizing transportation investments to ensure consistency between the TIP, CMP, and the MTP. Research and evaluate methods from other metropolitan areas for applicability to the region.
2. Conduct TIP development workshops to inform local project sponsors and interested parties of project submission requirements and evaluation and approval procedures.
3. Solicit projects and assist local governments and other sponsors in developing and documenting projects for TIP funding consideration.
4. Develop annual list of obligated projects.
5. Maintain and provide staff support to Illinois and Missouri Transportation Planning Committees (TPC).
6. Evaluate projects submitted for TIP consideration and establish funding priorities for local and state highway, transit, paratransit, Congestion Mitigation Air Quality (CMAQ), and enhancement projects.
7. Define proposed projects and attributes for GIS and database inclusion; evaluate geographic distribution of programmed investments.
8. Perform air quality conformity determinations for the TIP; prepare technical documentation detailing air quality modeling procedures and assumptions, the conformity determinations, and related plan updates; and conduct project-specific air quality analyses, as required.
9. Conduct public outreach to solicit comments on the TIP process and the recommended program.
10. Publish and disseminate TIP, and prepare materials necessary for actions to amend or otherwise revise the TIP, as needed.
11. Conduct a project implementation workshop(s) for sponsors with projects in the TIP.
12. Monitor the implementation of TIP projects and track the use of federal funds through the preparation of quarterly progress reports for projects included in the annual element of the TIP with semi-annual reports identifying projects that are failing to meet implementation schedules and falling behind in the obligation of federal funds.
13. Prepare action recommendations for Board concerning projects not complying with obligation schedules.

TRANSPORTATION IMPROVEMENT PROGRAM AND PROJECT MONITORING 2.03

14. Continue development of a process for evaluating the effectiveness of implemented TIP projects. Evaluate “best practices” from other metropolitan areas.
15. Substantiate provisions of annual self-certifications and documentation of performance of the metropolitan planning process, including MoDOT and EWG co-signed annual self-certification statement to be approved by the EWG Board of Directors.
16. Undertake development of a new database for the development and management of the TIP. (*Consultant*)

Products/Outcomes:

- A. Final FY 2013-2016 and Draft FY 2014-2017 TIP (July 2012 and May 2013)
- B. TIP program development workshops, implementation workshops, and public involvement activities (ongoing)
- C. Technical documentation of TIP amendments and modifications, including a year-end report (ongoing)
- D. Agendas, presentations, and proceedings for TPC meetings (ongoing)
- E. Assistance to local sponsors in developing project applications for TIP funding consideration and in implementing projects and maintaining schedules (ongoing)
- F. Conformity determinations for the metropolitan transportation plan and TIP (April – June 2013)
- G. Technical documentation of air quality modeling procedures, assumptions, and conformity determinations (June 2013)
- H. Presentations for air quality committee and consultation group meetings (ongoing)
- I. Quarterly reports describing the implementation status of projects programmed in the TIP and the flow of federal funds (July 2012, October 2012, January 2013, April 2013)
- J. Semi-annual reports identifying project sponsors failing to obligate funds according to project schedules, with action recommendations (October 2012 and March 2013)
- K. Year-end status report of monitored TIP projects (October 2012)
- L. Database for the development and management of the TIP (April 2013)

**TRANSPORTATION IMPROVEMENT PROGRAM AND PROJECT MONITORING
2.03**

- M. Purchase Microsoft Project to coordinate project planning/tracking with MoDOT (October 2012)
- N. Create an html TIP application (January 2013)

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	\$358,400
IDOT	71,680
Subtotal	<u>\$430,080</u>

Local:

EWG	17,920
Subtotal	<u>\$17,920</u>
TOTAL	<u><u>\$448,000</u></u>

**TRANSPORTATION PLANNING DATA COLLECTION AND ANALYSIS;
INTEGRATED TRANSPORTATION SYSTEM MANAGEMENT (MoDOT)
2.04**

MoDOT, in coordination with East-West Gateway, performs several tasks / activities to improve the overall efficiency of the transportation system. These activities include data collection, analysis and sharing. MoDOT provides these services with non-federal funding. All work performed by MoDOT's St. Louis District staff.

Activities:

1. Query, analyze, and summarize multiple forms of data. (*MoDOT*)
2. Acquire traffic data for use in studies, planning, evaluation of system needs, and project development. (*MoDOT*)
3. Review and analyze traffic data to identify concerns and recommend solutions. (*MoDOT*)
4. Maintain traffic related databases and spreadsheets and generate reports; maintain traffic devices, inventories and records. (*MoDOT*)
5. Develop recommendations and prepare projected data; maintain programs, databases, and historical files of related data in coordination with East-West Gateway. (*MoDOT*)
6. Maintain Regional ITS Architecture in coordination with East / West Gateway, IDOT, Metro and local officials. (*MoDOT*)
7. Implement recommendations of the Regional Arterial Management System – Gateway Green Light (GGL); identify agencies responsible for leading and participating in the program; execute; identify funding; and execute implementation plan. (*MoDOT*)
8. Participate in regional M&O, ITS, CMP and Regional Architecture meetings and committees. (*MoDOT*)

Products/Outcomes:

- A. Updated traffic count database for use in the East-West Gateway Travel Demand Model and project prioritization (Work Element 1.01) (ongoing)
- B. Updated Regional Integrated Systems Management Architecture (Work Element 2.01) (ongoing)
- C. Regional M&O, ITS, CMP and Regional Architecture partner meetings and activities (Work Element 2.01) (ongoing)

**TRANSPORTATION PLANNING DATA COLLECTION AND ANALYSIS;
INTEGRATED TRANSPORTATION SYSTEM MANAGEMENT (MoDOT)
2.04**

Estimated Costs:

State:

MoDOT		<u>\$241,166¹</u>
	Subtotal	<u>\$241,166</u>
	TOTAL	<u>\$241,166</u>

¹ Estimated amount required as match for the Consolidated Planning Grant funds from MoDOT.

Personnel:

District Traffic Engineer *
3 Traffic Operations Engineers*
Sr. Traffic Studies Specialist *
Traffic Technician*

* Appendix A shows salary, fringe, and contribution data for the positions listed under personnel.

TRANSIT SYSTEM PLANNING AND DEVELOPMENT (METRO)

2.07

Activities**:

1. Administer all work program activities.
2. Collect and summarize fare usage and passenger boarding information for MetroLink, MetroBus, Call-A-Ride, and seasonal and special service.
3. Conduct market research of ridership trends and fare media usage, forecast transit demand, and measure consumer attitudes toward transit service. Conduct special market research to gauge consumer preferences regarding service enhancement and expansion and ridership generation.
4. Support East-West Gateway Council of Governments in development of a regional transit travel demand survey..
5. Analyze, plan, and restructure bus and rail systems including modifications of bus and rail schedules to optimize resources and maintain an effective system. Develop plans and procedures to optimize transit usage and effectiveness while minimizing operating costs.
6. Assess the current financial condition and future financial capacity of Metro. Analyze existing and potential revenue sources and develop transit cost forecasts. Develop contingency service plans to match costs with available community revenue sources.
7. Conduct planning in conjunction with East-West Gateway Council of Governments and ADA Advisory Committee to improve transportation services for the elderly and disabled population. Update and monitor the ADA Plan.
8. Conduct service planning associated with expanding transit center capacity in Downtown St. Louis.
9. Analyze and plan the restructuring of MetroBus service in North St. Louis County in anticipation of the construction of a North County Transit Center.
10. Conduct planning to evaluate all MetroBus stops relative to ADA accessibility. Continue to pursue and implement funding programs supportive of Metro's customer amenity planning goals.
11. Work collaboratively with the City of St. Louis and East-West Gateway Council of Governments to conduct location and service analyses necessary to optimize automobile, transit, and pedestrian traffic flows in Downtown St. Louis.
12. Working collaboratively with partners through the RPSD program, create a regional transit-oriented development (TOD) plan.

TRANSIT SYSTEM PLANNING AND DEVELOPMENT (METRO)

2.07

13. Continue to pursue development of technology and applications that utilize automatic vehicle location (AVL) data to improve service and provide more timely and accurate transit information to customers.
14. Continue planning for implementation of the contactless fare payment system including data flows and formats, fare policy and structure, and business rules.
15. Work collaboratively with East-West Gateway Council of Governments and MoDOT to conduct a feasibility study of potential Bus Rapid Transit (BRT) corridors, and subsequently an alternatives analysis of those corridor(s) identified as most federally competitive.

***(Note: All activities to be performed by Metro)*

Products/Outcomes:

- A. Quarterly progress reports and invoices (July 2012, October 2012, January 2013, April 2013)
- B. Operating and ridership information including monthly passenger boarding information for MetroLink, MetroBus, and Call-A-Ride, quarterly on-time performance reports, and periodic route performance reports (ongoing)
- C. Service Planning reports including transit center, corridor studies, and Title VI assessments. Service Standards evaluation reports (ongoing)
- D. Market research, fare studies, load studies, and special event planning studies (*ongoing*)
- E. Transit System Accessibility Improvements in compliance with ADA regulations. Route by route bus stop spacing and ADA accessibility plan. Bus stop accessibility progress report (ongoing)

TRANSIT SYSTEM PLANNING AND DEVELOPMENT (METRO)
2.07

Estimated Costs:

Federal:

Trans Planning Funds	
MoDOT	\$128,000
IDOT	\$32,000
Subtotal	\$160,000

Local:

Metro	\$40,000
Subtotal	\$40,000
TOTAL	\$200,000

TRANSPORTATION PROGRAM ADMINISTRATION
2.09

Activities:

1. General Program Administration

- a. Monitor work on the transportation planning program contained in the FY2013 UPWP and prepare and submit quarterly progress reports to funding agencies.
- b. Prepare the "Transportation Completion Report" for FY2012 UPWP. This will summarize the activities performed under the various elements.
- c. Prepare and/or update the documentation for self-certification and civil rights compliance under Title VI as required by FHWA and FTA in accordance with the current requirements. Address any Title VI complaints in accordance with established procedures.
- d. Prepare and print final reports for elements contained in the FY2012 UPWP as needed. Distribute the final reports to appropriate agencies.
- e. Prepare the FY2014 UPWP and associated contracts and agreements.

2. Disadvantaged Business Enterprise Program

- a. Communicate with FTA, MoDOT, and IDOT regarding goal setting in various contracts.
- b. Assist staff with contractor/consultant selection process to ensure the DBE plan is followed during the procurement process. Activities will include review of the solicitation documents and notices prior to issuance along with a review of the responses received. Review contracting achievements during the goal period to determine if a DBE goal should be part of the solicitation.
- c. Update the Council's DBE plan as necessary to comply with federal requirements, and meet federal DBE submission deadlines.
- d. Monitor changes to DBE regulations.
- e. Monitor DBE participation efforts and prepare reports as required.
- f. Conduct ongoing liaison activities with SBE and DBE concerns to facilitate contracting opportunities for such businesses.
- g. Participate in the Missouri Regional Certification Committee process.

TRANSPORTATION PROGRAM ADMINISTRATION
2.09

3. Association of Metropolitan Planning Organizations (AMPO)

Renew membership in AMPO, the national organization that represents the interests of Metropolitan Planning Organizations.

Products/Outcomes:

- A. Quarterly progress reports (quarterly)
- B. FY2012 Transportation Completion Report (September 2011)
- C. Certification/Title VI compliance documentation as required (June 2012)
- D. FY 2014 UPWP and associated contracts (June 2012)
- E. Revise DBE plan if necessary (ongoing)
- F. Semi-annual DBE participation reports (November 2012 and May 2013)

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	\$28,800
IDOT	7,200
Subtotal	\$36,000

Local:

EWG	9,000
Subtotal	\$9,000
TOTAL	\$45,000

Budget Summary by Activity

Sub-Element	Amount
1	\$24,403
2	9,761
3	10,836
Total	\$45,000

TRANSPORTATION SYSTEM DEVELOPMENT AND DESIGN

Background

While it is important to emphasize system management and operations, especially in a time of limited fiscal resources, that emphasis does not negate the need to evaluate possibilities for more extensive system improvements, including expansion, and for modifying the system's character. The nine elements in this category examine those issues from different perspectives. Two of the elements involve the final design of the Loop Trolley, reflecting both the design work and the Council's management of that work. Another two elements take a multimodal approach, evaluating system development and design as it relates to personal mobility, goods movement, and community development. A fifth element involves managing the Coordinated Human Services Transportation Plan, which ensures that paratransit funding decisions are made within a consistent set of regional criteria, and a sixth encompasses a study to evaluate the adequacy of the regional freight system. Two elements covers participation in transportation corridor or subarea studies supported by the Council, Metro, and MoDOT, and the examination of the potential for bus rapid transit in multiple corridors. A final element represents the second year of a multi-year effort to update the metropolitan (long-range) transportation plan, which guides future transportation investment decisions.

Loop Trolley Design Management and Loop Trolley Final Design – This element incorporates the final design and engineering of the 2.1 mile Loop Trolley project, as well as the Council's management of the design process.

Multimodal Transportation Planning – This element examines a variety of transportation modes largely from the perspective of system users: the elderly and persons with disabilities, cyclists and pedestrians, and freight movers. The planning involves working with those specific constituencies to define and implement approaches for meeting their special concerns or needs. Addressing those issues within an integrated regional context, not merely within the confines of an individual mode, is critical to the success of the planning effort.

Great Streets Initiative – The Initiative's overall goal is to change the ways communities and implementing agencies plan and design streets, focusing on creating places rather than just simply accommodating more automobiles. This element involves continued oversight of the original demonstration projects, a program to initiate a new site-specific study, and a continuing education and outreach program to expand knowledge and use of Great Streets principles throughout the region.

Coordinated Human Services Transportation Planning – A requirement of the last federal transportation bill was that metropolitan areas create and maintain a coordinated plan for transportation services to transit-dependent populations. The plan was first developed in FY 2009. This element focuses on managing and updating that plan and distributing information on its requirements to agencies and organizations involved in providing paratransit services.

Regional Freight Study – Cooperating with IDOT, MoDOT, and the regional freight community, the Council plans to complete an evaluation of the regional freight system. The study will entail

establishing the regional economic impact of the freight industry, the adequacy of existing infrastructure relative to existing and future demand, and opportunities for enhancing the region’s role in the national and international freight movement system.

Transportation Corridor Planning-Missouri – Corridor studies are an important part of the long-range transportation planning process. Such studies help define needs and solutions that are used to develop projects for inclusion in the long-range plan. This element covers the Council’s participation in developing and managing corridor or subarea studies in the Missouri portion of the region. It delineates the Council’s activities, in cooperation with partner agencies, to define future needs for major corridor studies, to establish priorities among potential corridor studies, to complete the preliminary work needed to proceed with studies, and to participate in corridor/environmental studies sponsored by other agencies.

Regional Bus Rapid Transit Study – Metro’s recent long-range plan identified the potential for BRT in five major transportation corridors. This study will define alignments and operating concepts for BRT and evaluate the costs, impacts, and benefits of implementing BRT. The study will produce recommendations on preferred corridor alternatives and priorities for implementation.

Long-Range Transportation Planning – According to federal law, every four years the Council must update its metropolitan (long-range) transportation plan. An update was completed in fiscal year 2011, with the next update due in 2015. This element identifies the tasks the Council will undertake to initiate the technical process leading to next federally-required update.

Breakdown of Functional Area Transportation System Development and Design

2.10: Loop Trolley Design Management	91,000
2.11: Multimodal Transportation Planning	255,000
2.12: Loop Trolley Design and Engineering	664,300
2.13: Great Streets Initiative	1,088,000
2.14: Coordinated Human Service Transportation Plan	32,000
2.16: Regional Freight Study	700,000
2.17: Transportation Corridor Planning-Missouri	177,000
2.18: Regional Bus Rapid Transit Study	950,000
2.19: Long-Range Transportation Planning	<u>240,000</u>
	4,197,300

LOOP TROLLEY MANAGEMENT

2.10

Activities:

1. Continue to manage the Loop Trolley Company's consultants and oversee the design consultant work.
2. Continue to update and implement the Project Management Plan.
3. Continue to implement plans for agency coordination and community engagement; continue coordination with FTA and the Project Management Oversight Contractor.
4. Continue to ensure that all FTA control and documentation and grant and grantee requirements are met.
5. Adhere to all FTA reporting requirements.
6. Prepare for the transition of the project to the Loop Trolley Transportation Development District.

Products/Outcomes:

- A. Updated Project Management Plan (September 2012)
- B. Coordination and community engagement activities (September 2012)
- C. Regular meetings with consultants, FTA, and the Project Management Oversight Contractor (ongoing)
- D. Revised cost and schedule estimates (August 2012)
- E. Design and procurement documents (August 2012)
- F. Construction procurement documents (August 2012)
- G. Monthly progress and TEAM reports (ongoing)

LOOP TROLLEY MANAGEMENT
2.10

Estimated Costs:

Federal:

FTA	\$72,800
Subtotal	<u>\$72,000</u>

Local:

Loop trolley Trans.	
Development Dist	<u>18,200</u>
Subtotal	<u>\$18,200</u>
TOTAL	<u><u>\$91,000</u></u>

MULTIMODAL TRANSPORTATION PLANNING

2.11

Activities:

1. Accessibility and Paratransit Planning

- a. Monitor the performance of the transportation system for mobility impaired populations. Consult and coordinate with mobility impaired advocates to develop funding and project approaches that address access issues.
- b. Enhance procedures for incorporating accessibility concerns into the TIP process.
- c. Assist local sponsors in developing paratransit grant applications.
- d. Compile data on obstacles to access and mobility and prepare informational materials for community education on access/mobility issues.
- e. Develop strategies to create efficiencies in transportation services for the elderly and individuals with disabilities.
- f. Communicate and disseminate information to government, not-for-profit, and for-profit agencies in the region who serve elderly, disabled, and low-income populations in the region.

2. Bicycle and Pedestrian Planning

- a. Organize regular meetings of and provide staff support to the Bicycle and Pedestrian Advisory Committee.
- b. Implement appropriate strategies from the regional bicycle/pedestrian plan through outreach to local communities and organizations.
- c. Develop and provide educational resources to local governments on ways to incorporate bicycle and pedestrian elements into projects submitted for TIP funding. Provide technical assistance to local project sponsors in implementing funded bicycle and pedestrian improvements.
- d. Create and maintain data for bicycle and pedestrian facilities for use in various transportation studies and reports.

3. Intermodal Freight Planning

- a. Manage consultant contract for the regional freight study to identify strategies that address freight and intermodal deficiencies and opportunities.

MULTIMODAL TRANSPORTATION PLANNING

2.11

- b. Provide data and technical support to the consultant.
- c. Support advisory committee and stakeholder/public involvement activities.
- d. Review and comment on technical work and project documentation.

4. General Transportation Technical Assistance

- a. Respond to local government or other agency requests for small-scale transportation planning studies, needs/issue assessments, or general technical assistance.
- b. Respond to community requests for general transportation information (transportation data, federal or state legislation and regulations, transportation policies and issues, etc.).

Products/Outcomes:

- A. Technical assistance, including paratransit funding workshop and grant assistance to local sponsors (ongoing)
- B. List of priority paratransit, accessibility, and mobility projects for TIP funding consideration (May 2013)
- C. Strategies for improving system efficiencies (ongoing)
- D. Information materials for community education on access/mobility issues (ongoing)
- E. Education resources for and outreach to local communities to advance recommendations of the regional bicycle and pedestrian plan (ongoing)
- F. Agendas, presentations, and proceedings for Bicycle and Pedestrian Advisory Committee meetings (ongoing)
- G. Assistance to local sponsors in developing projects and applications for TIP funding consideration (ongoing)
- H. Coordination meetings with agencies cooperating in Freight Study (ongoing)
- I. Participation in advisory committee, stakeholder, and public meetings (ongoing)
- J. Approval of technical work, documentation, and draft/final reports (November 2012)
- K. Special reports relating to local planning studies, needs/issue assessments, or technical assistance (ongoing)
- L. Responses to information requests (ongoing)

MULTIMODAL TRANSPORTATION PLANNING
2.11

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	\$204,000
IDOT	40,800
Subtotal	\$244,800

Local:

EWG	10,200
Subtotal	\$10,200
TOTAL	\$255,000

Budget Summary by Activity

Sub-Element	Amount
1	\$69,820
2	46,845
3	118,090
4	20,245
Total	\$255,000

LOOP TROLLEY FINAL DESIGN

2.12

Activities:

1. Manage design contractor(s) work.
2. Complete project and safety management plans for the entire project. *(Staff and consultant)*
3. Conduct agency coordination and community engagement activities. *(Staff and consultant)*
4. Finalize final operating requirements, capital and operating costs, and capital and operating financing plans. *(Consultant)*
5. Complete final design for civil/rack elements, systems, utilities, structural engineering, stops, urban design components, and vehicles. *(Consultant)*
6. Develop final project scope, budget, and schedule, and prepare final plans, specifications, and estimates. *(Consultant)*
7. Select project delivery method and produce procurement documents for the project's construction phase. *(Staff and consultant)*
8. Ensure project compliance with all applicable federal statutes and regulations and environmental mitigation measures. *(Staff and consultant)*
9. Provide monthly progress reports to the Council and regular informational reports to coordinating agencies and the community. *(Consultant)*
10. Coordinate closely with FTA and its Project Management Oversight Contractor. *(Staff and consultant)*

Products/Outcomes:

- A. Project and safety management plans (August 2012)
- B. Agency coordination and community engagement plan and activities (September 2012)
- C. Technical memoranda on operating requirements, capital and operating costs, and capital and operating financial plans (August 2012)
- D. Final design drawings, specifications, quantities, and costs estimates (August 2012)
- E. Documentation of final project scope, budget, and schedule (August 2012)
- F. Final plans, specifications, and estimates (August 2012)

LOOP TROLLEY FINAL DESIGN
2.12

G. Construction and special item procurement documents (August 2012)

H. Monthly progress reports (ongoing)

Estimated Costs:

Federal:

FTA	\$531,440
Subtotal	<u>\$531,440</u>

Local:

Loop Trolley Trans. Development District	<u>132,860</u>
Subtotal	<u>\$132,860</u>
TOTAL	<u><u>\$664,300</u></u>

GREAT STREETS INITIATIVE

2.13

Activities:

1. Continue to support the four demonstration projects initiated in FY 2008: review construction activities for the South Grand and Labadie projects for consistency with Great Streets principles; assist communities in developing multi-jurisdictional agreements, district plans, and initial construction projects in the Manchester and Natural Bridge corridors; support plan adoption / implementation planning for the first phase of construction on the Natural Bridge corridor.
2. Evaluate the demonstration project planning and design process for lessons learned.
3. Study / develop tracking process for assessing secondary investment resulting from the Great Streets infrastructure improvements.
4. Support local constituents pursuing funding opportunities for implementing elements of the Manchester and Natural Bridge projects.
5. Develop and implement plan for soliciting and selecting additional Great Streets Initiative corridor planning. Tasks to include regional municipal outreach / program education, solicitation for candidate project submittals, submittal evaluation / project selection, refining selected project definition, consultant team qualifications solicitation, consultant selection (in conjunction with corridor representatives), contract execution, and preparation for planning efforts / consultant management.
6. Conduct local official and agency outreach to expand community awareness of Great Streets program and principles; work and develop partnerships with other agencies interested in communicating with and educating local governments about Great Streets; develop educational materials that will assist communities in using the web-based design guide.
7. Review projects submitted for TIP funding to determine their consistency with Great Streets principles, and provide technical assistance to local governments that will enable them to better incorporate those principles into project design.
8. Maintain and update the web-based digital design guide, as appropriate.
9. Provide the RPSD planning effort with Great Streets-related technical support.

Products/Outcomes:

- A. Completed construction of the South Grand and Labadie demonstration projects (Fall 2012)
- B. MoDOT reviews / approval of first phase construction on Natural Bridge (Fall 2012)
- C. Completed agreements, formation of a funding district, and refinement / engineering of initial phase of construction on the Manchester corridor (Fall 2012)

GREAT STREETS INITIATIVE

2.13

- D. Completed solicitation and project for candidate project submittals for new Great Streets Initiative corridor planning. (Summer 2013)
- E. Completed solicitation and contract documents for consultant services to conduct new Great Streets Initiative corridor planning.(February 2013)
- F. Documentation of lessons learned from the four demonstration projects (August 2012)
- G. Community outreach and partnership activities and educational resources (ongoing)
- H. Review of projects submitted for TIP funding and recommendations to project sponsors (Spring 2013)
- I. Updates to digital design guide (ongoing)
- J. Technical support to the RPSD (ongoing)

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	\$870,400
Subtotal	<u>\$870,400</u>

Local:

EWG	\$17,600
TBD	<u>200,000</u>
Subtotal	<u>\$217,600</u>
TOTAL	<u><u>\$1,088,000</u></u>

COORDINATED HUMAN SERVICES TRANSPORTATION PLANNING

2.14

Staff is monitoring implementation of the first two rounds of Section 5316 and Section 5317 funding. Also, staff is responding to questions related to the coordinated plan, the project solicitation process, and funding; as needed. We have met with potential applicants for the Elderly & Persons with Disabilities (Sec. 5310), Job Access and Reverse Commute (Sec. 5316) (JARC), and New Freedom (Sec. 5317) program. Additional assistance is provided as needed.

Activities:

1. Manage and maintain the Coordinated Human Services Transportation Plan.
2. Manage and maintain the Program Management Plan developed in conjunction with the Coordinated Human Services Transportation Plan.
3. Conduct a project solicitation, evaluation, and selection process for JARC and New Freedom funds as identified in the Coordinated Human Services Transportation Plan.
4. Communicate and disseminate the Coordinated Human Services Transportation Plan to the target communities and government, not-for-profit, and for-profit agencies in the region who serve persons eligible for services under the Elderly Individuals & Persons with Disabilities (Sec. 5310), JARC, and New Freedom (Sec. 5317) formula program. Provide technical assistance to these agencies, as needed, to make certain that projects they propose for funding are consistent with the plan.
5. Update the Coordinated Human Services Transportation Plan.

Products/Outcomes:

- A. Updates to the Program Management Plan as needed (ongoing)
- B. List of priority projects funded using Section 5310, 5316, and 5317 projects for inclusion in the TIP (May 2013)
- C. Informational materials for community education regarding access, mobility, and funding issues related to Section 5310, 5316, and 5317 (ongoing)
- D. Implementation of the Coordinated Human Services Transportation Plan (ongoing)

COORDINATED HUMAN SERVICES TRANSPORTATION PLANNING
2.14

Estimated Costs:

Federal:

JARC & New Freedom Funds

FTA	\$32,000
Subtotal	<u>\$32,000</u>
TOTAL	<u><u>\$32,000</u></u>

REGIONAL FREIGHT STUDY

2.16

Activities:**

1. Prepare a baseline regional inventory of freight movements, facilities, and intermodal assets; benchmark the region's standing compared to other Midwestern competitors; establish the broader national and international context for freight issues in the region.
2. Evaluate the economic impact of the existing regional freight system and the economic growth potential associated with the freight industry based on the region's assets and market trends.
3. Develop and execute a plan to ensure that public and private officials are fully engaged in all aspects of the study; establish advisory committees to help define and evaluate the study effort.
4. Analyze the adequacy of the region's existing freight system compared to current and future demand; identify system deficiencies, needs, and opportunities.
5. Establish goals, objectives, and performance measures for the regional freight system; identify short- and long-term investments needed to achieve those goals and objectives; evaluate the public and private costs and benefits of those investments.
6. Develop recommendations concerning policy, process, and regulatory changes needed to enhance the region's freight movement system.
7. Prepare technical documentation for the study, including a final report.

*** (Note: All activities will be performed by a consultant)*

Products/Outcomes:

- A. Baseline regional inventory, analytical benchmark, and economic impact analysis (July 2012)
- B. Engagement activities and committee meetings (ongoing)
- C. Compilation of investment needs and policy recommendations (October 2012)
- D. Technical memoranda and final report (November 2012)

REGIONAL FREIGHT STUDY
2.16

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	\$262,500
IDOT-SPR**	140,000
Subtotal	<u>\$402,500</u>

Local:

MoDOT	\$262,500
EWG	<u>35,000</u>
Subtotal	<u>\$297,500</u>
TOTAL	<u><u>\$700,000</u></u>

** Carryover funding

TRANSPORTATION CORRIDOR PLANNING – MISSOURI

2.17

Activities:

1. Review existing transportation conditions and regional, state, and local plans to identify subareas or corridors where major investment studies, operational analyses, or other types of long-range planning studies are warranted.
2. Work with partner agencies to define study needs and planning approaches in subareas and corridors warranting major analytical work.
3. Participate in on-going planning or environmental studies under the lead of implementing agencies; assist agencies and consultants in developing planning processes, work scopes, analytical methods and findings, reviewing study products, and selecting preferred alternatives; assist in community engagement activities.
4. Provide land use and demographic data, demand forecasts, or model sets to planning partners or consultants to support corridor studies.
5. Provide management assistance for the regional BRT study; work with Metro and MoDOT to support advisory committee and community engagement activities; review and approve technical work and project documentation.
6. Present results of corridor studies to Executive Advisory Committee (EAC) and Board of Directors and other parties for informational purposes or endorsement/approval, as appropriate.

Products/Outcomes:

- A. Corridor study priorities (ongoing)
- B. Participation as a planning partner in corridor and environmental studies (ongoing)
- C. Delivery of travel demand forecasts and other data products for planning partners (ongoing)
- D. Coordination meetings with cooperating agencies and participation in advisory committee and public meetings for BRT study (ongoing)
- E. Approval of technical work, documentation, and draft/final reports for BRT study (April 2013)
- F. Presentations to EAC, Board of Directors, and interested parties (ongoing)

TRANSPORTATION CORRIDOR PLANNING – MISSOURI
2.17

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	\$177,000
Subtotal	<u>\$177,000</u>
TOTAL	<u><u>\$177,000</u></u>

REGIONAL BUS RAPID TRANSIT STUDY (Metro)

2.18

Activities**:

1. Conduct multi-faceted planning work to evaluate the potential of BRT in the four corridors identified in Metro's long-range transit plan (I-55, I-44, I-64, and I-70).
2. Execute a community engagement process, involving local jurisdictions, agencies and citizens, to ensure broad involvement in defining issues, alternatives, and design elements.
3. Define the purpose and need for BRT in the four corridors and develop an evaluation framework for analyzing BRT in a manner that reflects the purpose and need.
4. Conduct an evaluative screening of the four corridors and select two for alternatives analyses.
5. Develop alternative alignment, station, vehicle, and operating concepts; prepare operating plans and ridership forecasts for each alternative.
6. Prepare capital and operating cost estimates; evaluate BRT alternatives relative to cost, ridership, and social, economic, and environmental impacts and benefits; develop fare and funding scenarios to support implementation.
7. Develop recommendations for a preferred alternative, incorporating alignment, station, vehicle, and operational elements; develop recommendations for setting priorities among the five corridors.
8. Prepare documentation of planning effort, including technical and final reports.

*** (Note: All activities will be performed by a consultant)*

Products/Outcomes

- A. Community engagement and public information activities (ongoing)
- B. Documentation of community engagement and analytical work, including technical memoranda describing design alternatives, the evaluation of alternatives, and cost/ridership estimates (ongoing)
- C. Final study reports (April 2013)
- D. Preferred alternatives and corridor priority recommendations (June 2013)

REGIONAL BUS RAPID TRANSIT STUDY (Metro)
2.18

Estimated Costs:

Federal:

FTA	\$250,000
Subtotal	\$250,000

Local:

Metro	700,000
Subtotal	\$700,000
TOTAL	\$950,000

LONG-RANGE TRANSPORTATION PLANNING

2.19

Activities:

1. Refine multi-year work program for the next update of the MTP and make presentations on the current plan.
2. Consult with regional transportation planning partners regarding long-range planning needs, policies, and programs.
3. Continue to refine performance measures and analytical methods to assess regional transportation needs and to evaluate project, corridor, and system-level improvements.
4. Maintain agency-wide database to include current data necessary to support evaluation of transportation system performance, project evaluation, and the next plan update.
5. Refine the planning framework based on changes in federal legislation and local conditions.
6. Continue to develop mechanisms to better integrate management and operations, ITS, transit, bicycle, pedestrian, the accessibility, paratransit, safety, freight, economic development, climate change impacts, and sustainability issues into the long-range planning structure.
7. Continue process to develop planning scenarios for the next plan update.
8. Continue researching best practices used by other metropolitan areas to develop and communicate long-range transportation plan, including visualization methods and use of new technologies, and apply where applicable.
9. Conduct outreach to groups and organizations to create awareness of the long-range transportation planning process; solicit public input on regional transportation needs and issues.
10. Participate in statewide planning and project priority-setting processes.
11. Participate in the Council's ecological approach to infrastructure development.
12. Participate in relevant agency and partner initiatives and projects, including the regional freight study and transit-oriented development study.
13. Participate in the development of the Regional Plan for Sustainable Development.

LONG-RANGE TRANSPORTATION PLANNING
2.19

Products/Outcomes:

- A. Consultation and coordination meetings with transportation planning partners (ongoing)
- B. Data necessary to support MTP update and ongoing performance measurement program (ongoing)
- C. Refined planning framework and analytical/evaluation methods for evaluating transportation needs and the broader economic, community, and ecological impacts of alternative transportation investments (ongoing)
- D. Coordination with efforts of Regional Plan for Sustainable Development, in particular efforts regarding scenario planning, transit-oriented development, and performance measurement (ongoing)
- E. Presentations to interested groups and agencies (ongoing)

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	\$192,000
IDOT	38,400
Subtotal	<u>\$230,400</u>

Local:

EWG	<u>9,600</u>
Subtotal	<u>\$9,600</u>
TOTAL	<u>\$240,000</u>

REGIONAL DEVELOPMENT AND SUSTAINABILITY

Background

Sustainability is about creating integrated and cooperative approaches that will promote regional development through enhancing the social, economic, and natural environments. All eleven elements in this category contribute to an understanding of sustainable practices or an assessment of the impacts of regional development, with special consideration given to the relationship between development and transportation investment. The first two elements examine the specific impacts of infrastructure investment on the natural environment and economic/community development. A third element involves efforts to rehabilitate Illinois levees to meet FEMA requirements and avoid the major social and economic impacts associated with levee decertification and flooding. Six elements encompass planning, entrepreneurial innovation, and collaborative work on specific environmental issues – air quality, water quality, and natural hazards. The two following elements involve providing support and building planning capacity among local governments and initiating a new regional planning process that targets the integration of transportation, housing, economic development, and environmental decisions.

Ecological Approach to Infrastructure Development – In the past, environmental assessments and impact mitigation activities have tended to be project based, with little attention given to the larger environmental effects or the cumulative ecological impacts of regional investment and development. This element represents a multi-year program to correct that deficiency. It creates a comprehensive ecological database for the region, implements a process for cooperative environmental planning among federal, state, and regional agencies, and develops methods for evaluating potential ecological impacts and mitigation measures associated with infrastructure investments.

Transit Oriented Development Planning – Although MetroLink has been in operation nearly 20 years, there is little true TOD related to the rail line. This element reflects a cooperative effort, in conjunction with the RPSD project, involving the Council, Metro, and local communities to examine possibilities for TOD at existing and future MetroLink stations and to establish criteria, guidelines, and principles to support such development.

Southwestern Illinois Flood Prevention Initiative – Based on current information provided by the U.S. Army Corps of Engineers, four levee systems along the Mississippi River from the Wood River Drainage and Levee District to Prairie DuPont and Fish Lake will not meet the 100 year flood level of protection, the minimum criteria for urban levees. In response to the levee decertification process staff has assisted with the development of a coordinated intergovernmental approach to managing the repair and restoration of the levee system. Elected officials in St. Clair, Madison, and Monroe counties have requested that East-West Gateway continue a coordinating role and provide assistance as needed to help the counties and the new flood prevention districts to manage the planning and oversight of the levee repair and help with public involvement and education concerning risks of flooding and the importance of purchasing flood insurance.

Air Quality Coordination – This program coordinates air quality planning activities between Illinois and Missouri agencies and assists the states in preparing necessary revisions to the mobile source component of State Implementation Plans (SIPs). The St. Louis region is currently classified as a moderate non-attainment area for ozone. It is also classified as non-attainment for fine particulate matter. East-West Gateway is responsible for coordinating the development of ozone and fine particulate control plans. SIP development and coordination activities and the development of the annual conformity determination in relation to the metropolitan transportation plan will continue in FY 2013. This program, also, provides technical support and coordination for a wide array of regional air quality issues and promotes cooperation with multiple resource agencies and regional stakeholders through monthly meetings with East-West Gateway's Air Quality Advisory Committee (AQAC).

Ozone Data Sharing Project (2012 - 2013) – This program is designed to serve as a clearinghouse for daily measured ozone information and facilitate the sharing of air quality information between the Missouri Department of Natural Resources (MoDNR), Illinois EPA (IEPA), St. Louis County, the City of St. Louis and other cooperating agencies. The collection and sharing of air quality monitoring data is an important component of East-West Gateway's regional responsibility for air quality coordination. The program will generate and maintain an Air Quality Index (AQI) calendar as prescribed by EPA. The AQI color-coded calendar will be posted on the EWG website.

Water Quality Coordination – Since the adoption of the original Section 208 Plan, the agency has undertaken many major activities and projects to implement the recommendations of the Plan and to seek opportunities to fund related studies and provide technical assistance to local communities. Pursuant to various EPA and state resource agency funding and other cost sharing programs staff will be able to maintain continuity of effort with regional watershed planning efforts, the Lower Meramec River Watershed Plan, as well as collaboration with the Regional Water Resources Council on critical watershed, water quality planning, storm water and flood plain management issues. Staff will also provide assistance to member communities who desire to develop watershed management plans and low impact development practices.

Missouri Regional 208 Water Quality Management Plan Initiative – Regional Water Quality Management Planning is a requirement of Section 208 of the Federal Clean Water Act. East-West Gateway is designated as the 208 Water Quality Planning Agency responsible for developing the Water Quality Management Plan for our five Missouri counties. The 208 program facilitates the review of infrastructure projects to assure they are consistent with the certified regional water quality management plan of the designated planning agency. The original plans completed in 1978 have exceeded the 20-year time frame for which they were initially designed and an update is long overdue. Staff will continue to work with local government and sewer district officials to conduct reviews and updates of the regional 208 plan for selected priority areas in St. Louis, Jefferson, St. Charles, and Franklin counties. A coordinated planning effort using a watershed approach is the accepted method in analyzing planning areas and intergovernmental cooperation will be a key element in this effort to improve water quality services for citizens and to protect our common watershed areas.

Regional Bio-Retention Planning, Research, and Implementation – This element describes a cooperative effort among the Council, Metropolitan St. Louis Sewer District (MSD), and local governments to plan and implement bio-retention alternatives to both reduce storm runoff and improve water quality. It also encompasses a post-implementation evaluation of alternatives to analyze their effectiveness at improving the natural environment.

Community Building – Staff receives requests from local governments and regional partners for planning assistance on a menu of subjects that relate to the physical environment and building healthy communities. This work element enables planning staff to respond to those communities interested in planning and developing green infrastructure, sustainable development, and best management practices and provides partnership entrepreneurial opportunities from both the public and private sectors. Community building involves building collaborative networks, inter-departmental cooperation and regional consensus on cross cutting planning and sustainability issues and efforts under this work element will also be blended with the scope of work involved with developing the RPSD. Community Building involves coordination of workshops, conferences, symposia, participating in planning related organizations, assisting with development of community plans, and liaison with federal, state, and local agencies. Staff provides support and planning assistance, technical data, as well as leadership and coordination of local regional and national conferences and workshops in emerging planning and policy areas of low impact development, ecological approach to infrastructure, parks and open space, transportation, community planning, grant development, alternative energy, climate change, and state of the art planning practices.

Monitoring and Implementation of the All Hazard Mitigation Plan – Recognizing that no community is immune from natural hazards such as tornadoes, flooding, earthquakes and severe weather, the Board adopted the 2004 plan that has been distributed to all participating counties and jurisdictions in the Missouri portion of the region. An update to that plan was completed in January 2010. To ensure that the evolving policy and regulatory changes are reflected in community plans, and to ensure that communities are making progress toward implementing hazard mitigation initiatives, staff will continue to monitor and work with local communities to implement hazard mitigation efforts during the interim before the next plan update is due.

Sustainable Communities Planning – Livability and developing sustainable communities are two major themes emerging from national policy and legislation. An important aspect of both is the integration of economic development, transportation, jobs/housing, and land use planning. East-West Gate received the 4th highest award nationwide in the amount of \$4.6 million. The agency will be acting as fiscal agent and as the coordinating body with a host of partners representing a diverse demographic across the region. The plan calls for developing community planning areas (CPAs) in 11 sub-regional community plans to advance sustainable development on a larger scale throughout the St. Louis region. Implementing a robust series of citizen engagement and town hall meetings and then developing the draft St. Louis Regional Plan for Sustainable Development (RPSD) will occupy a priority focus in East-West Gateway's 2012-2013 work plan. This opportunity is a result of new legislative initiatives involving DOT, HUD, and EPA and will encompass a cooperative regional planning effort designed to coordinate transportation, housing, economic development, and environmental decision making through multi-jurisdictional and institutional partnerships.

Breakdown of Functional Area Regional Development and Sustainability

2.21 : Ecological Approach to Infrastructure Development	141,000
2.23 : Transit Oriented Development Planning	54,456
2.25 : SW Illinois Flood Protection Initiative	192,000
2.32 : Air Quality Coordination	60,000
2.33 : Ozone Data Sharing Project (2012/2013)	15,632
2.35 : Water Quality Coordination-Watershed Planning	55,000
2.36 : Reg 208 Water Quality Mgt Plan Update	75,000
2.37 : Reg Bio-Retention Planning, Research	453,350
2.38 : Community Building	620,000
2.39 : Monitoring & Implementing All Hazard Mitigation Plan	25,000
2.40 : Sustainable Communities Planning	<u>5,722,255</u>
	7,413,693

ECOLOGICAL APPROACH TO INFRASTRUCTURE DEVELOPMENT

2.21

Activities:

1. Continue advancing the development of an environmental framework to support integration of an ecological planning approach into transportation planning and RPSD processes to aid in creating and implementing regional strategies to minimize and mitigate the environmental impacts of existing and planned transportation infrastructure and associated development.
2. Coordinate meetings of a policy committee consisting of federal, state, and local natural resource management and regulatory agencies and other environmental stakeholders.
3. Coordinate meetings of technical sub-committee as needed to assist in developing the technical aspects of the framework. Committee activities will include: working with Council and the Missouri Resource Assessment Partnership (MoRAP) to map maintain and update ecological significance data layer; make appropriate refinements to LiDAR based Missouri wetlands model and develop a similar model of wetlands important to wetland restoration potential for the Mississippi River; reviewing and developing evaluation methods for measuring direct and cumulative impacts of past, current, and future transportation investment plans on the region's natural resources over the long-term using LEAM computer model simulations; and developing strategic approaches for minimizing and mitigating the environmental impacts to be included in RTP update. (*Staff and consultant*)
4. Continue partnership with the MoRAP to support ongoing involvement and integration of new data into process and to work with EWG and resource agencies to apply the data to support planning and decision-making. (*Consultant*)
5. Maintain and update various natural, cultural, and historical resource GIS files necessary to developing and maintaining the regional environmental framework; maintain MOUs with various agencies to support data sharing for sensitive environmental data sets.
6. Continue to collect "state of the art" planning and design techniques for reducing environmental impacts of infrastructure and associated development; incorporate findings into Great Streets web-based design guide.
7. Continue to cultivate partnerships among regional stakeholders with common resource conservation and sustainable development goals to foster cooperative resource conservation and transportation planning.
8. Coordinate with federal agencies and other national resource entities on the identification of implementation strategies that will lead to the achievement of greater environmental benefits and cost savings in the transportation planning process.
9. Coordinate with and inform the RPSD process by advising the ecological sub-committee on ecological best practices, providing detailed ecological data to support the planning process, reviewing planning scenarios relative to ecological impacts, and evaluating RPSD recommendations within the regional ecological framework.

ECOLOGICAL APPROACH TO INFRASTRUCTURE DEVELOPMENT

2.21

10. Support livability initiatives and prepare applications to compete for and obtain awards for sustainable transportation funding programs from DOT (FHWA and/or FTA), HUD, EPA.

Products/Outcomes:

- A. Policy and technical committee meetings (ongoing)
- B. Maintain and update ecological significance data layer and develop a model of wetlands important to wetland restoration potential for both Missouri and Mississippi Rivers (Spring 2013)
- C. Regional environmental framework that supports the integration of natural resource and transportation planning, advances mitigation activities, and supports the RPSD (ongoing)
- D. MOU to formalize initiative partnerships and support integrated planning (Winter 2013)
- E. Updated GIS databases of natural, cultural, and historic assets (i.e. karst topography, archeological sites, threatened and endangered species, etc.) (ongoing)
- F. Community education and outreach activities (ongoing)
- G. Update mapping associated with Environmental Atlas (Winter 2013)
- H. Applications for competitive grant funding (as needed)

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	\$112,800
IDOT	22,560
Subtotal	<u>\$135,360</u>

Local:

EWG	<u>5,640</u>
Subtotal	<u>\$5,640</u>
TOTAL	<u>\$141,000</u>

TRANSIT ORIENTED DEVELOPMENT PLANNING

2.23

Activities:

1. Continue to manage the TOD Study process and consultant team in collaboration with the steering committee, ensuring Metro, St. Louis City, St. Louis County, and St. Clair County interests and other regional planning interests are represented.
2. Chair the TOD Technical Subcommittee of the RPSD, using it as a platform to inform local planning and municipal representatives and to garner response / input for the TOD Study consultant team.
3. Continue to manage the TOD Study contract and deliverables.
4. Coordinate with Metro to refine the recently developed TOD Station Area Profile Catalogue as a tool for planning and development.
5. Continue work on evaluating TOD potential at MetroLink stations and creating station area typologies.
6. Coordinate with the TOD Study process in reviewing national case studies and work with local jurisdictions to create a package of development and implementation tools and incentives to facilitate TOD.
7. Assist Metro in identifying their appropriate role in encouraging or being an active participant in TOD at specific station sites.
8. Coordinate with Metro to develop evaluation criteria to evaluate the consistency of station area development proposals with TOD guidelines and principles.
9. Participate in outreach to educate local officials and staff and the development community concerning the principles and benefits of TOD.
10. Provide TOD-related technical support to the planning effort with TOD-related technical support.

Products/Outcomes:

- A. Revision of Station Area Profile Catalogue (ongoing)
- B. Documentation of station area potential for TOD (ongoing)
- C. TOD implementation toolbox (October 2012)
- D. Documentation of TOD evaluation criteria (June 2012)

TRANSIT ORIENTED DEVELOPMENT PLANNING
2.23

- E. Community outreach, including meetings with local jurisdictions and developers (ongoing)
- F. Technical support to the RPSD (ongoing)

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	\$34,852
IDOT	8,713
Subtotal	<u>\$43,565</u>

Local:

EWG	<u>10,891</u>
Subtotal	<u>\$10,891</u>
TOTAL	<u><u>\$54,456</u></u>

SW ILLINOIS FLOOD PREVENTION INITIATIVE
2.25

Activities:

1. Provide staff support on an as-needed basis for the Southwestern Illinois Flood Prevention District Council. Manage the financing, design and oversee the reconstruction of the flood protection systems along the Mississippi River in the Illinois counties of Madison, St. Clair and Monroe.
2. Work with the Flood Prevention Districts, and local governments.

Products/Outcomes:

- A. Provide progress updates to the Southwestern Illinois Flood Prevention District Council Board on the levee restoration plans (June 2013)

Estimated Costs:

Local:

Southwestern Illinois Flood Prevention Dist. Council	<u>\$192,000</u>
Subtotal	<u>\$192,000</u>
TOTAL	<u><u>\$192,000</u></u>

AIR QUALITY COORDINATION

2.32

Activities:

1. Coordinate air quality planning activities between Illinois and Missouri agencies (i.e. IEPA, MoDNR, Metro), and assist the states in preparing necessary revisions to the mobile source component of SIPs.
2. Organize and provide staff support for regular monthly meetings of the AQAC, the Interagency Consultation Group, the Ozone Policy Oversight Committee, and the Ozone Technical Subcommittee and preparation of the SIPs.
3. Monitor and research the implications of federal and state air quality regulations and the new 8- hour Ozone Standard and evaluate the region's progress in meeting air quality goals.
4. Support regular air quality meetings and coordinate the Clean Cities program in cooperation with the RPSD to monitor alternative fuel information and programs. Collaborate with transportation organizations to promote public awareness of air quality conformity issues and findings.
5. Assist the IEPA and MoDNR in the assessment and collection of greenhouse emissions data and policy information. Coordinate data collection efforts with National Climate Registry.
6. Collaborate and facilitate with transportation organizations to promote public awareness and understanding of conformity issues and findings. Implement the MOVES model.
7. Monitor and seek funding opportunities in the energy sector.

Products/Outcomes:

- A. Agendas, presentations, and proceedings for air quality committees, subcommittee, and consultation group meetings and the East-West Gateway Board of Directors (ongoing)
- B. Issue papers, policy statements, and technical work on all transportation control measure-related SIP and Conformity Determination issues and updates (ongoing)
- C. To enhance stakeholder participation, post the results of the ten AQAC meetings on the East-West Gateway website (July 2012 – June 2013)
- D. Prepare issue papers and policy statements for consideration by the East-West Gateway Board as needed (July 2012 – June 2013)
- E. Maintain and update the Air Quality Resource Center website with current air quality issues and reports (ongoing)

AIR QUALITY COORDINATION
2.32

Estimated Costs:

Federal:

EPA/MoDNR	\$25,000
EPA/I-EPA	35,000
Subtotal	<u>\$60,000</u>
TOTAL	<u><u>\$60,000</u></u>

OZONE DATA SHARING PROJECT (2011 – 2012)

2.33

Activities:

1. Act as a repository for daily measured ozone data gathered by participating agencies from their pollutant monitor systems during the ozone season (April 1 – October 31).
2. Facilitate the sharing of ozone air quality information between MoDNR, IEPA, St. Louis County, the City of St. Louis, and other affected agencies.
3. Collect, rectify, and tabulate data to create a uniform and single data set of ozone monitoring information. Maintain and manage database. Interpret data and create specific charts and regular reports.
4. Distribute information to participating agencies partners via email, fax, postings on the EWG website, and periodic reports.
5. Maintain the ozone data on the EWG website.

Products/Outcomes:

- A. Weekly and special reports on ozone concentrations to participating agencies (July 2011 – October 2011 and April 2012 - June 2013)
- B. Maintain web based, color-coded calendars which graphically display the ozone data (weekly through October 2011 and April 2012 - June 2013)
- C. Managed ozone data base posted on the website (July 2011 – October 2011 and April 2012 - June 2013)

Estimated Costs:

Federal:

EPA

MoDNR (2012)	\$5,862
MoDNR (2013)	9,770
Subtotal	<u>\$15,632</u>
TOTAL	<u><u>\$15,632</u></u>

WATER QUALITY COORDINATION – WATERSHED PLANNING

2.35

Activities:

1. Host the Regional Water Resources Advisory Committee and provide coordination of stakeholder groups including the Meramec River Tributary Alliance and other community watershed groups.
2. Provide public outreach and education concerning water quality, water resource issues, and watershed-based planning - work in collaboration with the Meramec River Tributary Alliance, the Regional Open Space Council, MoDNR, MDC, and continue to engage communities and stakeholders within the Lower Meramec Basin.
3. Implement and promulgate the nine element *Lower Meramec River Watershed Plan – Water Quality, Green Infrastructure, & Watershed Management Project*.
4. Assist the St. Louis Metropolitan Sewer District and local governments in producing the Phase II storm water plan and explore opportunities to develop green infrastructure projects.
5. Update and maintain “tool box” of best management practices that local governments can use in watershed planning.
6. Track local and regional river issues and events on the Missouri and Mississippi rivers and tributaries.
7. Refine detailed watershed maps and inventory planning efforts for up to 12 watersheds in the St. Louis metropolitan region including point and non-point source problems areas.
8. Continue working with Missouri Department of Conservation in the NEMO (*Non-point source Education for Municipal Officials*) outreach program and present to local governments and citizens in the Lower Meramec River Basin.
9. Work with University City, Watkins Creek watershed group, and other interested communities to develop watershed planning opportunities within the urban watersheds.

Products/Outcomes:

- A. One special conference and at least four workshops on best management practices, water quality protection strategies, and related issues (Fall/Winter 2012)
- B. Distribute watershed planning brochures and septic tank brochures including Low Impact Development strategies to local government, highway departments, and the public (Summer 2012)
- C. Complete web-based inventory and GIS maps of local watersheds (Summer 2012)
- D. Continue promulgation and implementation of completed Lower Meramec River Watershed Plan (July 2012 - June 2013)

WATER QUALITY COORDINATION – WATERSHED PLANNING
2.35

- E. Continue outreach to for local government officials and citizens (July - September 2012)
- F. Work to develop plans with watershed groups, i.e., Watkins Creek, Big River and River des Peres Watershed Coalition (July 2012 - June 2013)

Estimated Costs:

Federal:

EPA

MoDNR	\$35,000
Subtotal	<u>\$35,000</u>

State:

MoDOC	20,000
Subtotal	<u>\$20,000</u>
TOTAL	<u><u>\$55,000</u></u>

MISSOURI REGIONAL 208 WATER QUALITY MANAGEMENT PLAN INITIATIVE
2.36

Activities:

1. Continue working with all regional stakeholders and local governments on the Missouri side, including MSD and the Water Resources Committee to develop regional needs assessments under the Section 208 Plan.
2. Continue to collect planning and engineering information including system description, design flow, costs, and planning area boundaries.
3. Organize meetings and community visits with municipal and county governments and sewer districts on the status of their wastewater management activities.
4. Refine work already begun on the Section 208 Plan and inventory current and projected problem areas.
5. Identify existing and proposed wastewater treatment facilities to meet the anticipated municipal and industrial waste treatment needs of an area over a 20 year period.
6. Provide general planning guidance to communities for non-point source pollution, sludge, storm water, watershed protection, and other activities.
7. Facilitate intergovernmental cooperation for wastewater facility planning in the region.

Products/Outcomes:

- A. Information collected stored on GIS (ongoing)
- B. Briefing papers and reports, power point presentations, and GIS products which illuminate and support the Section 208 Water Quality Management Plan update (ongoing)
- C. Strategy to complete an update of facility management agreements (December 2012)
- D. Results of the needs assessment posted on the agency website (August 2012)

MISSOURI REGIONAL 208 WATER QUALITY MANAGEMENT PLAN INITIATIVE
2.36

Estimated Costs:

Federal:

EPA

MoDNR	\$75,000
Subtotal	<u>\$75,000</u>
TOTAL	<u><u>\$75,000</u></u>

REGIONAL BIO-RETENTION PLANNING, RESEARCH & IMPLEMENTATION

2.37

Activities:

1. Cooperate with City of St. Louis and Metropolitan St. Louis Sewer District (MSD) and others to plan regional bio-retention alternatives (rain gardens) along South Grand Blvd. *(Staff and consultant)*
2. Work with MSD and City of St. Louis to implement bio-retention for South Grand. *(Staff and consultant)*
3. Evaluate results using resources data collected by MSD and analyzed by local sub-contractor. Continue pre-construction sampling in 2012. *(Staff and consultant)*
4. Provide public outreach and education concerning water quality, storm water management and best management practices, through volunteer training, neighborhood presentations, and a bio -blitz. *(Staff and consultant)*

Products/Outcomes:

- A. Constructed bio-retention in urban environment in partnership and with a subcontract with City of St. Louis Board of Public Service completed (November 2012)
- B. Interim report on pre-construction run-off completed (September 2012)
- C. Volunteer training in maintaining rain gardens, in partnership with MoDOC and through a subcontract with the Community Improvement District (CID) of Grand South Grand District (July 2012 - June 2013)
- D. Bio-blitz in Tower Grove Park through subcontract with Academy of Science, to build public awareness about bio-retention strategies for residents and homeowners (September/October 2012)

REGIONAL BIO-RETENTION PLANNING, RESEARCH & IMPLEMENTATION
2.37

Estimated Costs:

Federal:

EPA

MoDNR	\$265,350
Subtotal	\$265,350

Local:

EWG 8,000

Academy of
Science St. Louis 14,000

In-kind:

MSD 130,000

SIUE 18,000

South Grand CID 4,500

Academy of
Science St. L. 5,500

Subtotal	\$180,000
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TOTAL	<u>\$453,350</u>
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COMMUNITY BUILDING

2.38

Activities:

1. Assist in coordinating organizational support, research, and development for member communities through local symposia, conferences, work shops, and field events on a wide variety of land-use and transportation issues related to developing healthy, economically viable, sustainable communities through the metropolitan region.
2. Respond to requests for community building assistance from local communities by serving on planning committees; providing presentations on transportation, sustainable development, and energy; coordinating conferences, workshops, and fostering collaboration with local governments, state and federal agencies, local business partners, and academic institutions.
3. Participate in local planning related organizations in association with developing the RPSD with such organizations as the American Planning Association - Missouri Chapter, Confluence Greenway Partnership, Regional Clean Cities program, Regional Open Space Council, Southwestern Illinois Resource Conservation District, Metro-East Committee for Balanced Growth, Public Policy Research Center (PPRC), and others.
4. Support local planning departments and MSD in their watershed planning and storm water management activities.
5. Respond to special requests from member communities for assistance with research, planning, and public educational programs to address economic, transportation, environmental, and /or social challenges in achieving a healthy and sustainable future.
6. Maintain outreach and coordination related to the RPSD with Steering Committee, subcommittees, as well as federal and state agencies, regional and local agencies, and organizations concerned with regional issues and community building to share information about best practices and important trends, legislative issues, grants and initiatives related to transportation, land use, water and air quality and development of healthy communities.
7. Maintain ongoing collaboration with local and regional partners to improve communications and understanding of federal, state, and local regulations and the related impacts on local policies and practice.
8. Conduct project reviews as required by state and federal agencies and provide project review information for the Board of Directors.

Products/Outcomes:

- A. Production of weekly Local Government Briefings (ongoing)
- B. Timely response to member communities and regional partners who seek planning assistance, assistance with conferences and workshops, regional collaboration and research and problem solving across jurisdictional boundaries (ongoing)

COMMUNITY BUILDING

2.38

- C. Monthly reports to Board of Directors on project reviews involving state and federal funds (ongoing)
- D. Participation in developing major conferences, symposia, and several workshops for local government staff and elected officials (July 2012 – June 2013)
- E. Produce regional integrated initiatives to be used in the RPSD (July 2012 – June 2013)

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	\$396,800
IDOT	99,200
Subtotal	<u>\$496,000</u>

Local:

EWG	<u>124,000</u>
Subtotal	<u>\$124,000</u>
TOTAL	<u>\$620,000</u>

**MONITORING AND IMPLEMENTATION OF THE ALL-HAZARD MITIGATION
PLAN FOR THE MISSOURI PORTION OF THE REGION**

2.39

Activities:

1. Continued participation in the SEMA / FEMA and Missouri Association Council of Governments coordinated effort to maintain the All Hazard Mitigation Plan for the Missouri portion of the St. Louis region pursuant to the Disaster Mitigation Act of 2000.
2. Review and monitor hazard mitigation actions, grants, and the regulatory environment.
3. Monitor and review new and additional data and maps relating to hazard vulnerability and specific mitigation projects.
4. Respond to inquiries from participating communities, school districts, and community college districts on mitigation inquiries and ideas.
5. Work closely with SEMA, FEMA, and STARRS personnel on mitigation planning updates.

Products/Outcomes:

- A. Information for participating communities regarding FEMA regulations and policy changes as it relates to hazard mitigation requirements and guidelines (ongoing)
- B. Ground work for future plan updates (ongoing)
- C. Increased awareness of citizens and public officials concerning mitigation strategies to reduce or eliminate the effects of natural disasters in the Missouri counties and communities of the region (ongoing)
- D. Dissemination and sharing of mitigation strategies and hazard data to participating communities (ongoing)

Estimated Costs:

Federal:

FEMA/SEMA	\$22,500
Subtotal	\$22,500

Local:

OTR/TBD	2,500
Subtotal	\$2,500
TOTAL	\$25,000

SUSTAINABLE COMMUNITIES PLANNING

2.40

Activities:

1. Work in close cooperation with state, HUD, EPA, and other federal agencies and local jurisdictions as well as the steering committee, technical committee, and other subcommittees to develop a framework for planning to support multi-jurisdictional regional efforts that integrate transportation, housing, economic development, and environmental decision making and lead toward development of the RPSD.
2. Develop a community engagement plan and work in partnership with Consortium Partners and consultants to convene stakeholders and encourage broad participation and citizen engagement in support of the RPSD.
3. Provide leadership and staff support to the Consortium Partners and Steering Committee, and overall direction to the partners involved in developing the RPSD.
4. Promote planning for sustainable activities in housing, transportation, water and sewer infrastructure, brownfield redevelopment and land re-use, economic development, and creation of job clusters, climate change mitigation and adaptation strategies, and regional green infrastructure.
5. Support regional, sub-regional, and local initiatives to promote sustainable practices through special partnerships and funding.
6. Work in partnership with local entities to develop a web portal to provide access to regional data and information, and to explore alternative scenarios for sub-regional growth and change.
7. Work in partnership with Metro and other partners to lead TOD planning and contract for planning services.

Products/Outcomes:

- A. Identification of priorities and long range goals for the region in housing, transportation, economic development, land use and re-use, environmental, energy, green space, and water and sewer infrastructure (July 2012 – September 2012)
- B. Meet with Community Planning Areas – 30 meetings – intensive public engagement process (July 2012 – March 2013)

SUSTAINABLE COMMUNITIES PLANNING

2.40

- C. Continue to work with regional partnerships and engagement of the private and public sector in developing the RPSD (July 2012 – June 2013)
- D. Creation of web portal to provide access to regional data and information (July 2012 – June 2013).
- E. A customized community engagement strategy for the three year grant funded program, and consultant(s) hired to assist with community engagement and capacity building (July 2012 – September 2012)
- F. A series of symposia, workshops, and conferences co-sponsored by partners (July 2012 – June 2012)
- G. A strategic plan and a contract with a consultant to assist in TOD planning (July 2012 – December 2012)

Estimated Costs:

Federal:

HUD	\$3,932,755
Subtotal	<u>\$3,932,755</u>

Local:

Planning Partners*	<u>1,789,500</u>
Subtotal	<u>\$1,789,500</u>
TOTAL	<u><u>\$5,722,255</u></u>

*City of St. Louis; St. Louis County; FOCUS; Applied Research Collaborative (SLU); Trailnet; Southwestern Illinois Resource Conservation and Development; Citizen for Modern Transit; Metro; Metropolitan St. Louis Equal Housing Opportunity Council; Great Rivers Greenway.

REGIONAL SECURITY

Background

STARRS is a consortium of key public and private organizations that has been organized to address critical security needs in the region. East-West Gateway is the fiscal agent for STARRS. The partnership between East-West Gateway and STARRS enables professionals in many key fields relating to emergency management to work together to better prepare the region to prevent and respond to natural disasters and terrorist acts, and provides for accountability to the region's chief local elected officials.

The geographic divisions in the St. Louis region require that homeland security responses be carefully planned by a collaborative organization that spans the area's fragmented political landscape. In addition, the complexity of a regional response to a myriad of potential threats, whether naturally occurring or intentional, requires the involvement of a wide variety of disciplines – healthcare, public safety, public health, emergency response, communications, and many others. It also requires a partnership between public and private sectors, since many key assets are privately owned and operated. The purposes of the work elements in this category are to provide the organizational framework for STARRS to accomplish the plans and develop the systems that are necessary for an effective regional security response, and to support through capital purchases and training the many agencies that will ultimately be responsible for response to major incidents and disasters. The most significant new projects that will be part of the agency's work in FY 2013 are the completion of the Regional Healthcare Coordination and Mass Fatality Resource Coordination Plans, the completion of a Regional Interoperable Communications Frequency Plan, and installing the initial phases of the St. Louis Regional Digital Microwave System.

Urban Area Security Initiative – The Council receives funding from Federal Emergency Management Agency / Department of Homeland Security (FEMA/DHS) to administer and implement the UASI grant program in the St. Louis region. The work under this grant includes updating the regional emergency coordination plan for the St. Louis metropolitan area, providing support to critical incident response teams and Citizen Preparedness programs, supporting information and intelligence sharing among agencies, and supporting cross-jurisdictional cooperation among emergency services providers. This grant also supports the design and installation of the St. Louis Regional Digital Microwave System, the purchase of equipment to support mass casualty capability, disaster preparedness and response, and training exercises.

Regional Port Security Initiative – The Council receives funding from the FEMA/DHS to administer the Port Security Grant Program for FY08, FY09, FY10, and FY11. Staff's role is limited to working with the Area Maritime Security Committee (AMSC) to purchase equipment and training for response teams in the Port of St. Louis, which includes the Mississippi and portions of the Missouri River. The equipment includes watercraft, incident response vehicles,

tactical operations gear, and other security equipment for both public and private sector agencies in Missouri and Illinois.

Homeland Security Regional Response System Sustainment – EWG receives funding from MO OHS/DHS to administer and implement the State Homeland Security Grant Program in the St. Louis region. EWG and STARRS will continue to support five hazardous materials teams, three ordinance disposal (bomb) teams, and five law enforcement tactical operations units that operate in the St. Louis region. This support includes sustainment through the purchase of capital equipment.

Bioterrorism Preparedness for Hospitals - EWG receives funding from the Missouri Department of Health and Senior Services/U.S. Department of Health and Human Services Office of the Assistant Secretary for Preparedness & Response (MoDHSS/ASPR) to support hospitals in the St. Louis region plan, prepare, and respond to all-hazard events. Staff supports plans for enhancing hospitals' surge capacity in mass fatality and patient care during a mass casualty incident. Other efforts include enhancement of hospitals' capacity to: treat patients with major trauma or burns, decontamination of patients and personnel, distribution of medicine and medical supplies during biological events, and interoperable communications capability.

Breakdown of Functional Area Regional Security

2.81 : Urban Area Security Initiative	17,109,462
2.84 : Regional Port Security Initiative	7,645,054
2.85 : Homeland Security Regional Response System Sustainment	123,853
2.88 : Bioterrorism Preparedness for Hospitals	<u>611,622</u>
	25,489,991

URBAN AREAS SECURITY INITIATIVE (UASI)

2.81

Activities:

1. Work with key emergency service providers, law enforcement, healthcare, public health, the fire service, non-governmental organizations, elected officials, and others to update the regional emergency coordination plan for the St. Louis metropolitan region.
2. Complete Phases I and II of building the regional digital microwave system. (*consultant*)
3. Support the critical incident response teams through the sustainment of seven hazardous materials teams, five heavy rescue teams, three ordinance disposal (bomb) teams, and seven law enforcement tactical operations units within the region.
4. Enhance healthcare capability to handle mass casualties with sheltering equipment, medical supplies, decontamination equipment, and training.
5. Support law enforcement and other agencies to enhance sharing and use of information and intelligence among agencies and policy makers in the metropolitan area.
6. Support Citizen Preparedness programs that address local efforts to achieve greater community resilience from the threats of crime, terrorism, and disasters.
7. Support cross-jurisdictional cooperation among emergency service providers in the region by coordinating the collection, integration, and distribution of geographic data and orthoimagery.

Products/Outcomes:

- A. Plans in place for interoperable communications, critical incident response, disease surveillance, and a coordinated citizen response (ongoing)
- B. Interagency agreements necessary to implement critical incident response plans (ongoing)
- C. Purchase of capital equipment and services to support the implementation of plans (ongoing)
- D. Training exercises to test the validity and reliability of homeland security plans (ongoing)
- E. Seamless regional data files (i.e. addressable centerlines, orthoimagery) distributed to emergency service providers (ongoing)

URBAN AREAS SECURITY INITIATIVE (UASI)
2.81

Estimated Costs:

Federal:

DHS/MO OHS (FY08/09/10/11)	\$14,796,683
DHS/MO OHS (FY12)	<u>2,312,779</u>
Subtotal	<u>\$17,109,462</u>
TOTAL	<u><u>\$17,109,462</u></u>

REGIONAL PORT SECURITY INITIATIVE
2.84

Activities:

1. Provide fiscal and administrative support to the St. Louis AMSC and the U.S. Coast Guard in the use of Port Security grant funds.
2. Attend meetings with the St. Louis AMSC and the U.S. Coast Guard to coordinate and monitor appropriate use of funding and compliance with grant requirements.
3. Assist St. Louis AMSC with competitive procurement of equipment and services under the Port Security grant.
4. Prepare grant reporting documents for submission to the Department of Homeland Security / Federal Emergency Management Agency.

Products/Outcomes:

- A. Protocols and procedures for coordinated administration of the Port Security grant; financial reports; and other required grant reports (ongoing)
- B. Purchased equipment and services pursuant to St. Louis AMSC plans (ongoing)

Estimated Costs:

Federal:

FEMA (FY08/09/10/11)	<u>\$7,645,054</u>
Subtotal	<u>\$7,645,054</u>
TOTAL	<u><u>\$7,645,054</u></u>

**HOMELAND SECURITY REGIONAL RESPONSE SYSTEM SUSTAINMENT
2.85**

Activities:

1. Support the critical incident response teams in the Missouri portion of the region through the sustainment of five hazardous materials teams, three ordinance disposal (bomb) teams, and five law enforcement tactical operations units within the region.

Products/Outcomes:

- A. Purchase of capital equipment (ongoing)

Estimated Costs:

Federal:

State Homeland Security Program

DHS/MO OHS (FY10)	<u>\$123,853</u>
Subtotal	<u>\$123,853</u>
TOTAL	<u><u>\$123,853</u></u>

BIOTERRORISM PREPAREDNESS FOR HOSPITALS

2.88

Activities:

1. Test and enhance plans for all-hazard events among hospitals and other healthcare organizations in the metropolitan St. Louis area.
2. Support the integration of plans between hospitals and local public health, law enforcement, fire and emergency medical services agencies, as well as volunteer organizations.
3. Support hospitals' plans for enhancing surge capacity in patient care during a mass casualty incident.
4. Support hospitals' plans for enhancing surge capacity in mass fatality in a post catastrophic incident.
5. Support area hospitals in development of plans for distribution of medicine and medical supplies during a biological event.
6. Support area hospitals in increasing their capacity to treat patients with major trauma or burns.
7. Enhance the hospitals' capability to provide decontamination of patients and health care personnel.
8. Enhance the hospitals' interoperable communications capability to allow communication with other hospitals and other agencies responding to a chemical, biological, radiological, nuclear, or explosive event.
9. Continue building healthcare partnerships and coalitions with regional organizations, such as the Red Cross, Long Term Care Facilities, and governmental entities.

Products/Outcomes:

- A. Training and exercises to test the validity and reliability of existing all-hazard preparedness plans such as Regional Healthcare Coordination Plan / St. Louis Medical Operations Center and Regional Mass Fatality Plans (ongoing)
- B. Continuing education programs and workshops such as Psychological First Aid / Train-the-Trainer and Emergency Preparedness Planning for Emergency Ambulatory Surgery Centers (ongoing)
- C. Purchase of capital equipment and services to support the implementation of plans (ongoing)

BIOTERRORISM PREPAREDNESS FOR HOSPITALS
2.88

Estimated Costs:

Federal:

MoDHSS/ASPR (2012)	<u>\$611,622</u>
Subtotal	<u>\$611,622</u>
TOTAL	<u><u>\$611,622</u></u>

POLICY

Total Budgeted for this functional area: \$288,000

REGIONAL POLICY ANALYSIS

Background

The work elements organized under Regional Policy Analysis reflect the agency's commitment to better understand the fiscal condition of the region as it pertains to transportation planning and public service investment. They also lay the groundwork for future planning efforts across the agency.

Through a comprehensive analysis of our regional transportation and public service investment policies, the agency aims to understand the relationship between regional fiscal patterns and priorities and economic growth. Across the country, many local governments are increasingly facing a fiscal crisis – public revenues are significantly down while the demand for many public services is up. The states of Missouri and Illinois and local governments of the bi-state St. Louis region have not been spared. The revenue crisis has created tensions between different levels of government and between neighboring jurisdictions, as each struggles to find ways to increase its share of the shrinking resource pie. Although the relationship between investments in public services and economic development is not well understood, such understanding of the region is vital to support our infrastructure needs, as well as the economic and social vitality of the region.

There is no crystal ball to show us the future direction of the region. It is clear however, that there are many critical issues that affect the region's overall sustainability and health. Drawing upon information highlighting the region's current social, economic and environmental health and using that as a basis to begin a serious dialogue regarding the region's future and how it will be influenced by the nature and scope of the region's transportation system is critical to the research and policy work carried out by the agency. Drawing on this data and research, staff in the Policy area will draw conclusions and offer ideas about where the region is heading, and how to effect change, if change is deemed necessary by area decision makers.

The three work elements described in this section represent the agency's efforts to use available research and data resources to inform policy and decision-making.

Transportation Finance – The future of transportation funding continues to be uncertain. With local, state and federal transportation funding mechanisms stressed to their limits and projected to decline in the years ahead, the agency will research the present and future state of transportation funding as it affects the region. To maintain the current highway and transit funding models used in the TIP, the MTP, and corridor studies it is essential to evaluate current long- and short-term financial trends based on reasonably anticipated revenues. This research also will establish baseline needs for preserving and maintaining the current system and identify funds available for transportation system enhancement and expansion.

Regional Competitiveness - The regional competitiveness element consists of five main tasks. First, staff will assemble and analyze comparative data to assess how the St. Louis region compares with peer metropolitan areas across numerous social and economic indicators. Second, staff will support the RPSD by analyzing best practices and policy options related to housing and sustainable development. Third, staff will monitor potential changes in transportation funding and options for adapting to new funding environments. Fourth, staff will assemble data to assess and situate the market position of the regional economy, and research best practices and policy options for improving economic performance. Finally, staff will monitor and analyze trends that affect the fiscal health of local governments, and identify options for enhancing efficient delivery of public services.

Breakdown for Functional Area Regional Policy Analysis

3.01 : Transportation Finance	28,000
3.06 : Regional Competitiveness	<u>260,000</u>
	288,000

TRANSPORTATION FINANCE
3.01

Activities:

1. Maintain highway and transit funding models used to establish financial capacity for the TIP, corridor studies, and long-range planning.
2. Evaluate current financial data and trends, develop long-term and short-term financial forecasts, establish baseline needs for preserving and maintaining existing assets, and identify funds available for transportation system enhancement and expansion.
3. Identify and evaluate alternative funding scenarios based on existing and potentially new revenue sources at the federal, state, and regional levels.
4. Continue to work with Board of Directors to examine the impact of alternative funding scenarios on the region.
5. Monitor federal action on the new surface transportation authorization and other funding initiatives; prepare informational materials and presentations on these programs.

Products/Outcomes:

- A. Revised financial database and forecasting models (ongoing)
- B. Establish financial constraint for the TIP and other planning initiatives (April 2013)
- C. Reports or presentations on the future of transportation funding, alternative funding scenarios, and specific funding proposals, including the next federal transportation bill (ongoing)

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	\$22,400
IDOT	<u>4,480</u>
Subtotal	\$26,880

Local:

EWG	<u>1,120</u>
Subtotal	<u>\$1,120</u>
TOTAL	<u>\$28,000</u>

REGIONAL COMPETITIVENESS

3.06

Activities:

1. Continue to use *Where We Stand* information and data as a springboard to identify issues critical to the fiscal, economic, and social well being of the region. Develop relevant and functional policy analysis products to facilitate regional discussions about these issues to support the transportation planning process.
2. Provide *Where We Stand Updates* drawing on the latest available indicators viewed as most central and relevant to regional competitiveness and related issues.
3. Continue research on housing in the region. Paying particular attention to the relationship between housing, transportation, energy, and the environment. Support research focusing on the relationship between housing and employment.
4. Research best practices for incorporating sustainable transportation, land use, economic development and other policies at the regional and local level. Specific emphasis will be placed on research and policy areas that: focus on the methodologies being developed to quantify a metropolitan area's carbon footprint, the issues associated with climate change and MPOs, and the future of green job development in our region and in other metropolitan areas. Work with other regional groups to disseminate findings.
5. Work with regional partners to: gather existing analyses, plans and planning efforts, identify gaps and determine the necessary data components and means of showcasing data elements; establish baseline development scenario and alternative development scenarios and planning targets; develop a set of metrics to measure progress toward sustainability and livability; identify strategies to address the needs of the region and other activities related to creating the RPSD.
6. Assemble data to assess and situate the market position of the regional economy; research best practices and policy options for improving economic performance.
7. Monitor and analyze federal and state statutes and regulations that affect the region.
8. Monitor the fiscal health of local governments, including trends in revenues, expenditures, development incentives and practices that affect the efficient delivery of public services; evaluate options for enhancing the efficient delivery of those public services.

Products/Outcomes:

- A. Periodic releases of *Where We Stand* updates to highlight new data and/or provide greater depth of analysis about existing data (quarterly)

REGIONAL COMPETITIVENESS
3.06

- B. Research reports and presentations that illuminate research findings (ongoing)
- C. Reports detailing research and policy analysis on housing and proposals to address needs of the region (ongoing)
- D. Reports detailing agency activities regarding research and policy work on sustainability as well as materials to support work toward the RPSD (ongoing)
- E. Multiple data sets relating to the market position of the regional economy (ongoing)
- F. Policy memos on options for improving economic performance (ongoing)

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	\$178,565
IDOT	41,600
Subtotal	<u>\$220,165</u>

Local:

EWG	<u>39,835</u>
Subtotal	<u>\$39,835</u>
TOTAL	<u>\$260,000</u>

COMMUNITY ENGAGEMENT

Total Budgeted for this functional area: \$539,500

COMMUNITY ENGAGEMENT

Background

East-West Gateway staff participate in numerous community engagement activities in order to better understand and represent the needs and concerns of regional citizens and to engage citizens in our regional problem solving activities. The agency's Public Involvement Plan is designed to ensure a regional public involvement process that is proactive in providing complete information, timely public notice, diverse techniques, full public access to key decisions, and early and continual involvement in the development of regional plans and community building programs. Our commitment and approach is based on three important tenets:

- Citizens should know how decisions are made about the investment of tax dollars in public projects.
- Individuals and communities affected by the outcome of regional decisions want to have their opinions and perspectives taken into consideration.
- Planners cannot maintain current and relevant knowledge about regional problems without learning from citizens directly affected.

The community engagement process involves cross cutting elements in East-West Gateway's planning responsibilities in transportation, community planning, environment, land use, regional security, research services and economic growth. The community engagement staff works with all agency departments to support and assist in the planning and implementation of agency community involvement activities. The staff works also with other agencies interested in regional issues, i.e., transportation, workforce diversity, housing, sustainability, and community development.

Presentation to the public and regional stakeholders of complex information is enhanced by the use of high quality visual presentation assisted by the GIS staff, graphic design, and consultants when necessary. In addition staff has been developing computer simulation models to look at long-term impacts and future scenarios in land-use alternatives and transportation planning.

Over the coming year staff will continue to look for opportunities to expand the agency's reach to a public that relies less on traditional means of communication and information gathering. Information, calendars, events, meetings, and surveys can be managed interactively in new ways that will help keep the agency current with technology and expanding its audience. Continue a robust community engagement process to support the Regional Plan for Sustainable Development.

A wide array of techniques and approaches is employed in the community engagement process:

- East-West Gateway Committees.
- External Committees and Partnerships.
- Publications, i.e., Gateways; Local Governments Briefings; *Where We Stand*; *How We See It*; *Talking the Talk*, A Pocket Guide to the Language of Transportation Planning; Annual Public Officials Directory; and various informational brochures.
- Print Media.
- The Internet, e.g., www.ewgateway.org and, potentially, newer networking sites, keypad polling
- Technical Assistance and Training.
- Workshops and Conferences

Public Involvement – This element represents an ongoing commitment to create an objective, informed, trusting, and open partnership with local governments, public agencies, the private sector, and the citizens of the St. Louis region. Obtaining public input and comment is essential to the creation of comprehensive plans. Public involvement includes added emphasis on outreach to underserved and hard to reach populations and employment of new techniques to reach citizens who rely less on traditional outlets for information.

Transportation Safety Initiative – This element represents the Council’s efforts to better define and develop appropriate solutions to travel safety issues in the region. Using an advisory council and relationships with transportation safety officials and advocates from throughout the region, the Council will identify new approaches – focusing on engineering, enforcement, education, and emergency response – to enhance safety on the region’s transportation system. Coordination, outreach, and education are key components of this effort.

Breakdown of Functional Area Community Engagement

4.01 : Community Engagement - Public Involvement	322,500
4.04 : Transportation Safety Initiative	<u>101,000</u>
	423,500

COMMUNITY ENGAGEMENT – PUBLIC INVOLVEMENT

4.01

Activities:

1. Maintain updates of the Public Involvement Plan in furtherance of FHWA/FTA policies and the citizen engagement process.
2. Assist agency departments with the development and implementation of specifically targeted community engagement plans for agency projects.
3. Create and identify new opportunities for the agency to engage member communities in conversations on issues of regional importance related to transportation, community building, housing, the environment, and economic opportunity.
4. Develop creative visualization techniques and methods to optimize public understanding of regional transportation and community building issues.
5. Provide assistance to local governments in developing public involvement programs that are proactive and help in successful planning projects.
6. Work with staff responsible for East-West Gateway internet services to ensure the provision of quality community engagement information and public participation documents and resources in an easily accessible format.
7. Provide assistance relating to the Sustainable Communities planning program to East-West Gateway staff, Program Steering Committee, and the Program Community Engagement Committee in planning and implementing a robust citizen engagement program for the RPSD.

Products/Outcomes:

- A. Refinement of the Public Involvement Plan (ongoing)
- B. Outreach materials (printed and web) and process to ensure Title VI (including LEP), ADA, and EJ compliance and to assist member governments with Title VI requirements and compliance (ongoing)
- C. Expanded interactive public involvement internet presence for the agency (ongoing)
- D. Memoranda and reports documenting public speaking and outreach activities on the RPSD (ongoing)

**COMMUNITY ENGAGEMENT – PUBLIC INVOLVEMENT
4.01**

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	\$206,400
IDOT	51,600
Subtotal	<u>\$258,000</u>

Local:

EWG	<u>64,500</u>
Subtotal	<u>\$64,500</u>
TOTAL	<u><u>\$322,500</u></u>

TRANSPORTATION SAFETY INITIATIVE
4.04

Activities:

1. Convene and staff regular meetings of a Regional Safe Communities Network.
2. Participate in regular meetings of the Missouri Coalition for Roadway Safety (statewide and local).
3. Support and encourage the development, implementation, and promotion of engineering, education, law enforcement, and emergency response strategies in identified TravelSafe zones around the St. Louis region.
4. Create, maintain, and sustain relationships with various groups throughout the region that have an emphasis on transportation safety.
5. Provide technical and networking assistance to groups and individuals working to improve transportation safety and to mitigate the negative outcome of crashes at the local and grass roots levels.
6. Host/conduct a Regional Roadway Safety Conference.
7. Participate in the statewide Transportation Safety Initiatives for Missouri and Illinois.

Products/Outcomes:

- A. Meetings and materials for the Regional Safe Communities Network/Citizens Advisory Committee/Missouri Coalition for Roadway Safety (ongoing)
- B. Education materials including posters, pamphlets, fact sheets, and PowerPoint presentations on transportation safety issues (ongoing)
- C. Regional Roadway Safety Conference (Spring 2013)

**TRANSPORTATION SAFETY INITIATIVE
4.04**

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	\$80,800
IDOT	16,160
Subtotal	<u>\$96,960</u>

Local:

EWG	4,040
Subtotal	<u>\$4,040</u>
TOTAL	<u><u>\$101,000</u></u>

LOCAL GOVERNMENT SUPPORT

Background

East-West Gateway is committed to strengthening local governmental jurisdictions (our membership) through the provision of technical assistance, information dissemination, policy analysis, and education to elected and non-elected officials and staff and the communities they serve. Through Local Government Support, the agency provides tools, assistance, and resources for local officials to make better and more informed decisions and fosters collaboration and cooperation between units of federal, state, and local governments.

These efforts include the Local Government Partnership, a collaborative effort between the East-West Gateway Council of Governments, University of Missouri-St. Louis (UMSL) Public Policy Administration (PPA) Program, and the PPRC. The partnership exists to create a resource in the St. Louis region and statewide through which senior local government officials can access quality information, technical assistance, and training that will enhance the capacity of their municipalities to address and respond to existing and emerging constituent and governmental needs. The Annual Public Officials Directory Publication are also a part of this effort.

Local Government Partnership – EWG will continue to collaborate with UMSL PPA Program, and the PPRC to create information and training support for local governments. These collaborative efforts include offering training opportunities like the Chancellor’s Certificate in Planning and Zoning Program. EWG will also continue to work with the St. Louis Area City Management Association (SLACMA) and the Southwestern Illinois City Management Association (SWILCMA) on programming for local governments. EWG will also continue its support of local communities by providing strategic planning and facilitation assistance, and providing planning and implementation support for local conferences and workshops. The annual Public Officials Directory will also be published.

Local Government Assistance – EWG will continue to support local governments in the region by providing technical assistance to local communities in the areas of public administration, personnel plans, consultant selection, budgeting, and grant writing. EWG will also plan, coordinate, and manage the East-West Gateway Annual Meeting and Awards program.

Breakdown of Functional Area Local Government Support

4.11 : Local Government Partnership	102,000
4.97 : Local Government Assistance	<u>14,000</u>
	116,000

LOCAL GOVERNMENT PARTNERSHIP

4.11

Activities:

1. Continue to maintain regular contact with local government members and partner agencies and provide technical assistance, training, and information/outreach services including governance, transportation planning, economic development, and environmental concerns.
2. Increase effectiveness and efficiency of local government services by fostering regional collaboration and partnerships.
3. Continue collaboration with the University of Missouri Public Policy Administration Program (PPA) to create information and training resources for local governments officials and graduate students entering the local government sector and the communities they serve.
4. Update and produce the East-West Gateway Public Officials Directory.
5. Continue to work with the St. Louis Area City Management Association (SLACMA), the Southwestern Illinois City Management Association (SWICMA), the Missouri City Clerks and Finance Officers Association-Eastern Division and the American Planning Association-St. Louis Metro section, the UMSL Center for International Studies and the UMSL Center for Ethics in Public Life on programming for local governments.
6. Help maintain and provide content for the local government portion of the EWG website.
7. Continue to build partnerships with regional stakeholders and other organizations in the private and public sectors to identify shared priorities, information, and assistance available to member communities.
8. Implement programs for workshops and conferences.

Products/Outcomes:

- A. Meetings with mayors, city managers and other local officials and agencies to discuss and implement regional and local governance and technical assistance projects and implementation of projects of interest to local governments on issues like government efficiency or performance evaluation (ongoing)
- B. Improved feedback and participation in EWG and Partnership programs by area officials (ongoing)

LOCAL GOVERNMENT PARTNERSHIP

4.11

- C. Targeted training opportunities for local governments officials through UMSL, including continuation of the Chancellor's Certificate in Planning and Zoning Program in cooperation with the APA- St. Louis Metropolitan Section including expanding this program offering to a web-based format, development (ongoing)
- D. Public Officials Directory in electronic and printed versions and made accessible on the agency web-site with new edition published in early summer (June 2013)
- E. Academic information on local government topics and resources in easy to navigate place on www.ewgateway.org (ongoing)
- F. Improved outreach and technical assistance to local governments officials and the communities and organizations they serve and EWG staff including facilitation services, and strategic planning and other services as requested (ongoing)
- G. Assistance to EWG staff and external partners on projects targeted towards local governments such as creating survey tools and outreach and involvement strategies (ongoing)

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	\$65,280
IDOT	16,320
Subtotal	<u>\$81,600</u>

Local:

EWG	<u>20,400</u>
Subtotal	<u>\$20,400</u>
TOTAL	<u>\$102,000</u>

LOCAL GOVERNMENT ASSISTANCE
4.97

Activities:

1. Plan, coordinate, and manage the 2012 East-West Gateway Annual Meeting and Awards program recognizing achievement by local agencies and citizens.
2. Provide technical assistance to member communities in the area of public administration, personnel plans, recruitment, consultant selection, budgeting, grant writing, etc.

Products/Outcomes:

- A. Annual Meeting of the East-West Gateway Council including the Outstanding Achievement in Local Government Award Program (November 2012)
- B. Production of reports, plans, studies, or other administrative activities in accordance with fee for service and/or in-kind service contracts or agreements (ongoing)

Estimated Costs:

Local:

TBD	\$12,000
Subtotal	<u>\$12,000</u>
TOTAL	<u><u>\$12,000</u></u>

**APPENDIX A:
SUMMARY OF CURRENT YEAR ACTIVITIES
FOR TRANSPORTATION FUNDED/RELATED ELEMENTS**

1.01 REGIONAL TRAVEL DEMAND MODELING & SYSTEM EVALUATION

During fiscal year 2012, staff conducted a review and enhancement of the travel demand model in order to prepare for the upcoming Transportation Improvement Plan (TIP). Staff provided assistance to local and state agencies and provided them traffic forecasts as needed. Staff also provided support for LEAM model activities. Staff also solicited, reviewed, and finalized Functional Classification System updates for approval. Staff worked on the new EPA air quality model MOVES, which East West Gateway is required to use for the TIP conformity analysis. Staff is liaising with the bi-state agencies and EPA regional offices. Staff is currently preparing input data for the emissions model and working on the setup for seamless interaction between the travel demand model and the emissions model.

1.05 GEOGRAPHIC INFORMATION SYSTEM IMPLEMENTATION

Throughout fiscal year 2012, East-West Gateway maintained its GIS at the current industry standard. Moreover, new datasets were acquired and made available to the public. These new datasets include 2010 Census data, water quality data and 2012 municipal boundaries. Staff has utilized these datasets in long-range planning for transportation projects and grassroots watershed planning efforts. Staff also highlighted and presented new datasets to the public through the publication of Maps of the Month on the agency website. East-West Gateway GIS staff attended and hosted meetings of local GIS users groups. A major update of the parcel-based land use file and the parcel-based open space file is nearly complete.

1.06 INFORMATION MANAGEMENT & SERVICES

During fiscal year 2012, staff continued to update the contents and functionality of the Council's web site www.ewgateway.org. Major updates were completed to the Master Client Database, the database used to track and contact planning process participants and local officials. Staff updated the process of collecting STP-S and CMAQ project application information via the Council's web site. Updates and additional feature were added to the in-house TIP database application, used to collect and manage TIP project information. Staff continued to maintain the Council's computer systems and began the process of identifying computer hardware and software upgrades which would improve in-house planning operations.

1.12 REGIONAL DECISIONS SUPPORT SYSTEMS

During FY 2012, staff collected and analyzed socioeconomic and demographic information to support planning activities of internal staff and agency members. Staff developed the internal platform for accessing and updating the agency's databases and provided requested data and technical assistance to agency staff, local governments and the general public. Staff developed

**APPENDIX A:
SUMMARY OF CURRENT YEAR ACTIVITIES
FOR TRANSPORTATION FUNDED/RELATED ELEMENTS**

land use, population and employment forecasting scenarios to support the travel demand modeling system. Staff collaborated with LEAMGroup in maintenance and support of the LEAM desktop application, and continued using the system in-house at the agency. Staff prepared and presented research and analysis on topics of regional concern, including: housing and transportation trends at the American Statistical Association; economic and demographic trends at the Federal Reserve Bank of St. Louis; key industrial sectors at meetings of the Prince Foundation in Wood River, Illinois; and analyses of the Lower Maramec Watershed planning survey. Staff collaborated with federal officials and colleagues throughout the Midwest to assess potential impacts of climate change on transportation systems. Staff accessed and processed data sets including Census 2010 Summary File 1 and PL-94 file, the Dun & Bradstreet employment database, and the IMPLAN economic database. Staff made data available on the internal platform and conducted an in-house training session on accessing the database. Staff provided support to the development of the RPSD, including analyses and processing of regional data for Community Planning Areas, review of surveys, and serving on technical committees.

2.01 INTEGRATED TRANSPORTATION SYSTEMS MANAGEMENT

During fiscal year 2012, staff participated in regional partner meetings related to the regional architecture and CMP. Staff also developed a draft CMP and continued partner meetings, and conducted public education and engagement activities in working toward adoption of the document which will be used in the transportation planning and programming process.

2.03 TRANSPORTATION IMPROVEMENT PROGRAM & PROJECT MONITORING

In 2012, EWG staff conducted and completed activities to support the development of the Long Range Transportation Plan, Transportation Improvement Program, and Air Quality Conformity Determination(s) approved during FY 2012. Staff also managed the TIP and monitored projects in the TIP, which included presenting semi-monthly reports as to the status of these projects. Staff also participated in a Baseline Assessment Review of the Regional Emissions Analysis and Transportation Conformity Determination Process led by our Federal partners.

2.07 TRANSIT SYSTEM PLANNING AND DEVELOPMENT (METRO)

During fiscal year 2012, Metro staff collaborated with East-West Gateway Council of Governments and MoDOT to pursue activities outlined in the “*Moving Transit Forward*” Long-Range Transit Plan” including initiation of feasibility study of potential Bus Rapid Transit (BRT) corridors; feasibility study and property acquisition for a North County Transit Center; feasibility study for an expanded Downtown St. Louis Transit Center; planning for customer amenities; continued development of intelligent transportation systems including Metro’s AVL program and contactless fare payment system; and implementation of bus-stop level passenger

APPENDIX A: SUMMARY OF CURRENT YEAR ACTIVITIES FOR TRANSPORTATION FUNDED/RELATED ELEMENTS

amenities. Metro staff also prepared monthly reports, including those on ridership, CMAQ, and IL and MO – JARC funding projects. Staff conducted section 15 sampling and reporting, as well as the Annual MetroLink fare survey. Metro moved forward with the Bus Stop Accessibility and Compliance project and continued their development of service reduction/expansion plans.

2.09 TRANSPORTATION PROGRAM ADMINISTRATION

During fiscal year 2012, EWG staff updated Title VI brochures and attended the MoDOT MPO Title VI Conference in Columbia, Missouri. Staff monitored the work on the FY 2012 UPWP, drafted and reviewed FY 11 work program progress reports. Finally, staff has developed the FY 2013 UPWP. Work in these areas will continue into the FY13 UPWP.

2.10 LOOP TROLLEY MANAGEMENT

In fiscal year 2012, EWG staff oversaw the consultant team's work to comply with FTA requirements, including an update to the Project Management Plan, convening two public open house sessions, and revision of the project cost estimate. During the fiscal year, EWG staff and the consultant team have produced the required monthly and quarterly reports to FTA.

2.11 MULTIMODAL TRANSPORTATION PLANNING

Accessibility and Paratransit Planning

During 2012, EWG staff continued development of a list of priority paratransit, accessibility, and mobility projects. The work on the list of priorities will continue into the next fiscal year.

Bicycle Pedestrian Planning

EWG staff participated in the development and approval of Great Rivers Greenway's Regional Bicycle Master Plan and is assisting the plans implementation, staffed and managed the Council's Bicycle Pedestrian Advisory Committee.

Intermodal Freight Planning

Throughout 2012, staff worked with various advisory committees, stakeholders, and practitioners. Also staff selected a consultant and developed a final scope of work for a Regional Freight Study.

**APPENDIX A:
SUMMARY OF CURRENT YEAR ACTIVITIES
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General Transportation Technical Assistance

EWG staff participated in the development of various local and state planning studies, needs/issue assessments, and provided technical assistance and support.

2.12 LOOP TROLLEY FINAL DESIGN

In fiscal year 2012, EWG staff solicited proposals and retained a consultant team for the final engineering phase of the project. Staff has oversight responsibilities over the consultant team. Final engineering documents are nearing the 60% completion point.

2.13 GREAT STREETS INITIATIVE

Throughout fiscal year 2012, work continued on the four Great Streets Demonstration Projects. On the Labadie project, staff (and consultants) completed the final engineering and design guidelines. County staff began preparing the construction bid solicitation. The Manchester Road plan document was completed and adopted by Wildwood, Ellisville, and Ballwin. The Manchester Great Streets committee, comprised of leadership and staff from the five (5) municipalities worked toward establishment of a district, defined a construction project for 2014, and continued the process of securing funding for engineering. The Natural Bridge plan, design guidelines, and final engineering were completed. Staff also initiated the right of way acquisition process. On the South Grand project Phase I construction was completed and Phase II was initiated. These demonstration projects will continue into fiscal year 2013.

2.14 COORDINATED HUMAN SERVICE TRANSPORTATION PLANNING

In 2012, staff conducted and completed activities to support the development of the Section 5310, Section 5316 (JARC), Section 5317 (New Freedom) program. Staff, with the support of the advisory committee, updated the Coordinated Human Services Transportation Plan.

2.16 REGIONAL FREIGHT STUDY

Staff selected and contracted with a consultant to conduct the regional freight study. Work will begin in FY 2012 and extend into the next fiscal year.

2.17 TRANSPORTATION CORRIDOR PLANNING – MISSOURI

Collaborated with MoDOT in the design and conduct of the I-270 corridor study. Held discussions with MoDOT to begin defining future corridor study needs and priorities. Worked

**APPENDIX A:
SUMMARY OF CURRENT YEAR ACTIVITIES
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with Metro to define the work scope, the study organization, and prepare the RFP for the BRT study.

2.18 REGIONAL BUS RAPID TRANSIT STUDY

Cooperated with Metro to issue a RFP for the BRT study and in consultant selection. Work will begin in FY 2012 and extend into the next fiscal year.

2.19 LONG RANGE TRANSPORTATION PLANNING

In fiscal year 2012, EWG staff completed the State of the System Report, which is the technical supplement to the Regional Long Range Transportation Plan that was adopted in FY 2011. Staff began developing an updated process and evaluation framework for the next long-range plan updated.

2.21 ECOLOGICAL APPROACH TO INFRASTRUCTURE DEVELOPMENT

Continued compiling and mapping additional ecological data for the eight-county region. Engaged federal, state, and local resource agencies in consultations to examine needs, disseminate information, and establish the utility of the data and ecological framework. Continued work on developing methods for employing the framework in a wide-range of project and corridor evaluations and mitigation planning. Organized a symposium, in association with a local environmental conference, to discuss the ecological information and its potential uses.

2.23 TRANSIT ORIENTED DEVELOPMENT PLANNING

As a component of the Regional Plan for Sustainable Development (RPSD), staff collaborated with Metro developing a scope and selecting a consultant team for the TOD study. Oversaw finalization / execution of consultant contract. Oversight of advisory committee. Staff organized collection of relevant data, mapping, and reference documentation and delivered it to the consultant. Review / editing of staff progress documentation and process definition. Weekly conference calls. Staff oversight of consultant team will continue in 2013.

2.25 SW ILLINOIS FLOOD PROTECTION INITIATIVE

During fiscal year 2012, staff continued to provide accounting services and administrative and staff support for the IL Flood Prevention Districts.

**APPENDIX A:
SUMMARY OF CURRENT YEAR ACTIVITIES
FOR TRANSPORTATION FUNDED/RELATED ELEMENTS**

2.32 AIR QUALITY COORDINATION

During year 2012, staff prepared and distributed agendas, presentations, and proceedings for air quality committees, subcommittee, and consultation group meetings and special reports. Staff held and recorded eight Air Quality Advisory Committee (AQAC) meetings and seven Inter-Agency Consultation Group meetings. Staff monitored and researched the implementation of the new 8-hour ozone standard and evaluated the region's progress in meeting air quality goals. Ozone monitoring data provided the baseline information for this assessment. Staff also developed and provided travel data and mobile source information to the City of St. Louis and various St. Louis County communities for establishing greenhouse baseline information. Staff assisted IEPA, MoDNR, and EPA in the development of a model Multi-pollutant Plan for the St. Louis ozone and PM_{2.5} non-attainment areas. Staff developed a regionally significant project selection criteria document in close coordination with IACG. Staff coordinated with Clean Cities program in cooperation with RPSD to monitor alternative fuel information. Staff maintained and updated the Air Quality Resource Center website.

2.35 WATER QUALITY COORDINATION – WATERSHED PLANNING

During fiscal year 2012 EWG hosted two Regional Water Resources Advisory Committee meetings and 2 Meramec River Tributary Alliance meetings. Staff involved city and county officials in a series of meetings that led to development of a nine-element watershed plan for tributaries in the Lower Meramec River. Staff also provided public outreach and education and developed brochures on *Stormwater Best Management Practices*, the *Lower Meramec River Watersheds*, and a *Homeowners Guide To Septic System Maintenance*. Staff participated in numerous meetings on stormwater planning and management, and undated the East-West Gateway webpage "toolbox" on best practices for stormwater and water quality protection. In addition staff produced detailed watershed maps for watersheds in St. Louis County, Jefferson, Franklin Counties, to assist planning efforts of a variety of watershed plans include River Des Peres, Watkins Creek, Deer Creek, and Meramec River Tributaries. In a partnership with Missouri Department of Conservation, staff conducted workshops for municipal officials on watershed and water quality issues.

2.37 REGIONAL BIO-RETENTION PLANNING, RESEARCH, AND IMPLEMENTATION

During fiscal year 2012, using funding from US EPA through Missouri Department of Natural Resources, staff developed contracts with the City of St. Louis Board of Public Service and Metropolitan St. Louis Sewer District (MSD) to plan and install regional bio-retention alternatives (rain gardens) along South Grand Blvd. EWG hired a team led by SIU-E to conduct

APPENDIX A: SUMMARY OF CURRENT YEAR ACTIVITIES FOR TRANSPORTATION FUNDED/RELATED ELEMENTS

pre-installation monitoring of pollutants entering storm sewers in the project area, and developed a quality assurance project plan (QAPP) with all team members. The team began pre-construction sampling and collection of rainfall data and volume of runoff in partnership with Metropolitan St. Louis Sewer District. Staff also met with the Academy of Science and Tower Grove Park officials to plan for a *bio-blitz*, public education event, to be held in late 2012, and met with the South Grand CID and Missouri Department of Conservation to plan and develop educational materials and volunteer training that will take place once the rain gardens are installed.

2.38 COMMUNITY BUILDING

In 2012 this program area has laid the framework and become integrated substantially with the new sustainable communities planning initiative sponsored by three federal agencies - HUD, FHWA and EPA.

As has been the case over the last several years, staff has focused community building assistance on planning for local transportation, sustainable development, and energy use and has coordinated conferences, workshops and fostered collaboration among local governments, and with state and federal agencies, local business partners and academic institutions. To further facilitate local coordination, staff produced weekly Local Government Briefings that provide our members and interested citizens with up-to-date activities in the region.

2.81 Urban Areas Security Initiative (UASI)

During fiscal year 2012 staff continued to expend funds from the fiscal years 2008, 2009, and 2010 UASI grant program. In addition, staff applied for the fiscal year 2011 UASI grant in the second quarter which resulted in the award of additional funds in the fourth quarter. The following is a summary of the specific projects and initiatives currently being funded from the UASI grant:

- **Regional Emergency Resource Coordination Plan (RERC Plan)** – The RERC was developed to provide the coordination structure for all jurisdictions and disciplines in the St. Louis region to collaborate during a large scale disaster. The plan includes a Multi-Agency Coordinate Group (MAC-G) which allows county-level elected leaders and emergency managers to share information and make coordinated decisions during large complex incidents or events that affect multiple counties or the entire region. This results in a more efficient use of resources and less confusion when deploying resources across the eight county region. The plan was completed in FY 2011 and functional annexes are being developed that will address discipline specific needs.

APPENDIX A: SUMMARY OF CURRENT YEAR ACTIVITIES FOR TRANSPORTATION FUNDED/RELATED ELEMENTS

Examples of the annexes include the Regional Healthcare Coordination Plan (RHCP) and the Mass Fatality Resource Coordination Plan (MFRCP).

Staff prepared a proposal that would bring the STARRS Advisory Council and Board together into a new regional planning group that would be representative of the MAC-G. This will allow the same group that makes disaster planning, equipment, training and exercise grant investment decisions to also coordinate in regional disaster response.

Once this organizational change has been completed, the plan can be updated as needed and implemented directly with the MAC-G members. Training and exercise events will be scheduled to practice the concepts and generate improvements upon the plan. Potential challenges include the historically fragmented nature of governments in the St. Louis region and the related difficulty in coordinating response actions and resource deployments between independent agencies and jurisdictions.

- **Regional Security Expenditures** – During fiscal year 2012 staff made several regional security expenditures that improved the region’s citizen and hospital preparedness programs and strengthened the critical incident response team’s capabilities. These expenditures were instrumental in assisting with responses to the 2010 New Year’s Eve Tornado Incident, the February Snow Storm, the Good Friday Tornado Incident and the Joplin, Missouri EF5 Tornado Event.
- **Training and Exercise Requests** – Over the past fiscal year staff continued to improve the request and approval process for expenditures on Training and Exercise procurements. The Training and Exercise Approval Form has been modified to make the approval process more clear. However, the process remains cumbersome and lengthy. Challenges occur in the process of gathering the appropriate approvals and signatures (i.e., committee, STARRS Director, East-West Gateway Administration Director, Missouri Office of Homeland Security), background information and required budgets, price quotes, and paperwork. To alleviate some of the bureaucratic process staff will be developing a step-by-step guideline for the approval process.

2.82 ST. LOUIS AREA REGIONAL RESPONSE SYSTEM REGIONAL MICROWAVE SYSTEM (PSIC)

Due to delays that were outside the control of East-West Gateway and STARRS, the schedules for the completion and implementation of the microwave network have been delayed causing additional time to be expended on job tasks associated with the microwave sites path studies,

**APPENDIX A:
SUMMARY OF CURRENT YEAR ACTIVITIES
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environment site assessments, zoning regulations, site acquisition agreements, and tower redesigns.

Phase I implementation continues to move forward at a slow pace due to delays in site acquisition and tower lease agreements not being finalized in Madison, Monroe and St. Clair Counties in Illinois. Additionally, Phase II start up has been delayed because of delays within Jefferson, St. Charles and St. Louis Counties caused by the release of the 700/800 MHz radio system Request For Proposals, vendor evaluations and contract awards have caused the systems' final acceptance dates to move out into CY2014.

**2.83 ST. LOUIS AREA REGIONAL RESPONSE SYSTEM REGIONAL
MICROWAVE SYSTEM (IECGP)**

During fiscal year 2012 staff guided the St. Louis Regional Land Mobile Communications Plan implementation through the St. Louis Regional Communications Core Group. This included the drafting of the Intergovernmental Agreement which outlines the governance of the Core Group and the operation of the microwave network. The agreement also establishes the Core Group technical subcommittees consisting of the Operations and Technical committees.

The St. Louis Tactical Interoperable Communications Plan (TIC-P) was updated to reflect the changes that will occur as new communications systems come on line and as others are updated with modern equipment. The Operations Subcommittee will now be reviewing TIC-P and making recommendations for approval to the Core Group.

2.84 REGIONAL PORT SECURITY

In fiscal year 2012 (grant year 2011), staff provided administrative and fiscal support to the St. Louis Area Maritime Security Committee (AMSC) and U.S. Coast Guard on the FY08 through FY11 grant programs. Staff attended meetings and worked with various regional teams on completing procurement of equipment and services. In addition, staff was responsible for monitoring compliance with grant requirements and preparing reports to the Department of Homeland Security / Federal Emergency Management Agency. FEMA has removed the fiduciary agent process for the FY12 grant program, therefore EWG will not oversee the FY12 Port Security Grant Program.

2.85 HOMELAND SECURITY REGIONAL RESPONSE SYSTEM SUSTAINMENT

During fiscal year 2012 staff made numerous regional security expenditures that improved response to incidents involving chemical, biological, radiological, nuclear and explosive

**APPENDIX A:
SUMMARY OF CURRENT YEAR ACTIVITIES
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materials. Funds from the HSRRS grant will be expended in fiscal year 2013 which will complete this work element.

2.88 BIOTERRORISM PREPAREDNESS FOR HOSPITALS

During the last reporting period (FY 2012) staff continued to build upon the planning and development of capacity and capabilities to strengthen all-hazards disaster preparedness planning for Medical Surge Capacity and Capability during large scale emergencies that has the potential to affect over 60 regional hospitals. To that end, staff developed and implemented regional disaster/emergency preparedness plans and protocols for hospitals and other participating health care entities to improve the capacity of the health care system in a regional and statewide collaborative effort. They continued to facilitate development and refinement of a regional system to plan for and provide immediate medical response through formal agreements and disbursement of funds between and to hospitals for all-hazards incidents and events resulting in mass casualties and fatalities. In addition, staff continued to support and assist the healthcare system through facilitation and implementation of education and exercises to increase preparedness for all-hazards including pandemic influenza and mass casualties due to earthquakes.

3.01 TRANSPORTATION FINANCE

During 2012, staff monitored federal activities pertaining to transportation reauthorization and special funding programs, and kept abreast of state funding initiatives. Staff worked with national organizations to prepare policy positions on reauthorization and developed briefing materials and made presentations to the Board and other groups on the status of federal reauthorization. Staff also maintained regional transportation funding models.

3.05 REGIONAL FISCAL HEALTH

In fiscal year 2012, research staff built on the economic development incentive research by examining the fiscal health of local governments, as well as options for efficiently providing public services. The economic development incentive database was updated to continue tracking this important piece of local government finance. Two reports are expected by June. The first will examine the use of performance measures by local governments, and the effectiveness of performance measures in enhancing efficient delivery of services. The second report will summarize the priorities and concerns of local governments in planning for the future of their communities, and explore how regional planning efforts can assist local governments in meeting their goals and addressing their concerns.

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SUMMARY OF CURRENT YEAR ACTIVITIES
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3.06 REGIONAL COMPETITIVENESS

In Fiscal Year 2012, staff have completed the publication of one *Where We Stand* update, and expect to complete two additional updates by June. These brief publications provide an opportunity to update St. Louis's standing with new data or provide further insight on a specific topic. The first update built on data included in the sixth edition of WWS, providing a greater understanding of the factors that influence population change in St. Louis, while also identifying noteworthy settlement patterns in other metropolitan regions. Subsequent updates will focus on changes in the manufacturing industry and changes in the region's age distribution. Additionally, staff supported the RPSD by organizing a housing committee and producing a housing assessment, expected to be completed by June. This required component of the RPSD grant entails the compilation of data supplemented by local knowledge to paint a data-driven picture of housing in the St. Louis region. Staff contributed analysis to ongoing efforts at redevelopment of the BP refinery in Wood River, Illinois. Staff produced periodic reports showing St. Louis's contribution to the Missouri economy, and monitored federal and state legislation with the potential to impact the region's competitiveness.

4.01 COMMUNITY ENGAGEMENT – PUBLIC INVOLVEMENT

In 2012, EWG successfully created new materials to inform and educate constituents about their rights and our responsibilities on ADA, EJ, Title VI and LEP. EWG also completed a robust community engagement process surrounding the regional visioning process, "Renewing the Region," and the Long Range Transportation Planning process that included surveys, targeted, creative mailings, information brochures, facilitated focus groups, web updates, engagement logs, and open houses. Staff also worked with all agency departments to help ensure participation in Council events by persons living in hard to reach communities. EWG staff assisted with development and implementation of conferences to engage the community and experts in important issues.

4.04 TRANSPORTATION SAFETY INITIATIVE

During fiscal year 2012, EWG staff utilized the Roadway Safety Audit process and manual to assist in the development and evaluation of roadway projects. Staff started planning for a Regional Safety Conference planned for FY 2013. Also, staff participated in various regional and state safety committees and initiatives, as well as produced and shared several posters, pamphlets, and fact sheets on transportation safety issues.

**APPENDIX A:
SUMMARY OF CURRENT YEAR ACTIVITIES
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4.11 LOCAL GOVERNMENT PARTNERSHIP

In fiscal year 2012, EWG strengthened its on-going relationships with partner organizations by offering Planning and Zoning training and collaborating with our City Manager's Association on the development and implementation of many successful professional development program. Staff offered facilitation services to public entities that needed meeting planning assistance. EWG also developed the Public Officials Directory. Staff also planned and supported programming of national and regional conferences. Finally, staff updated the EWG website in order to provide better access to information relevant to Local Governments.

4.97 LOCAL GOVERNMENT ASSISTANCE

In fiscal year 2012, EWG held an annual meeting in November and presented its Local Government Achievement Awards. These awards are designed to recognize outstanding local government individuals, projects and collaborations that have occurred during the previous year and have measurable positive impacts in our communities and our region. EWG performed the following activities connected to this effort: calls for nominations, award selection, award notification, creating award descriptions for the program, annual meeting invitations and RSVP's for award winners, production of physical awards, media outreach and followup materials (electronic and print) on the awardees and their projects.

**APPENDIX A:
SUMMARY OF CURRENT YEAR ACTIVITIES
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**COMPLETED/DISCONTINUED FY 2012 WORK ELEMENTS & NEW WORK
ELEMENTS FOR FY 2013**

Completed/Discontinued FY 2012 Work Elements	New Work Elements for FY 2013
2.82 St. Louis Area Regional Response System Regional Microwave (PSIC) 2.83 St. Louis Area Regional Response System Regional Microwave (IECGP) 3.05 Regional Fiscal Health (combined into 3.06 for FY 13)	1.02 On-Board Transit Survey

**APPENDIX B:
SOURCE OF ELIGIBLE MODOT MATCH
FY 2013**

<u>Title</u>	<u>Yearly Salary</u>	<u>Yearly Fringe*</u>	<u>Yearly Total</u>	<u>% Eligible</u>	<u>Yearly Eligible</u>
<u>District Traffic Engineer</u>	\$72,480	\$52,925	\$125,405	40	\$50,162
<u>Traffic Operations Engineer</u>	\$64,632	\$47,194	\$111,826	50	\$55,913
<u>Traffic Operations Engineer</u>	\$68,436	\$49,972	\$118,408	50	\$59,204
<u>Traffic Operations Engineer</u>	\$68,436	\$49,972	\$118,408	25	\$29,602
<u>Senior Traffic Studies Specialist</u>	\$52,500	\$38,336	\$90,836	25	\$22,709
<u>Traffic Technician</u>	\$27,252	\$19,899	\$47,151	50	\$23,576
<u>Total</u>	\$353,736	\$258,298	\$612,034		\$241,166

Provided by St. Louis District

Appendix C

METROPOLITAN TRANSPORTATION PLANNING PROCESS CERTIFICATION

In accordance with 23 CFR 450.334, the Illinois Department of Transportation, the Missouri Department of Transportation, and the East-West Gateway Council of Governments, the Metropolitan Planning Organization for the St. Louis urbanized area, "certifies" that the transportation planning process is addressing the major issues in the metropolitan planning area and is being conducted in accordance with all applicable requirements of:

1. 23 U.S.C. 134, 49 U.S.C. 5303, and 23 CFR 450 Subpart C;
2. Sections 174 and 176(c) and (d) of the Clean Air Act as amended (42 U.S.C. 7504, 7506(c) and (d) and 40 CFR Part 93
3. Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR Part 21;
4. 49 U.S.C. Section 5332 prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
5. Section 1101(b) of the Safe, Accountable, Flexible, Efficient Transportation Equity Act – A Legacy for Users (Public Law 109-59) and 49 CFR Part 26 regarding the involvement of disadvantaged business enterprises in US DOT funded projects;
6. 23 CFR Part 230, regarding the implementation of an equal employment opportunity program on federal and federal-aid highway construction contracts;
7. The provision of the Americans With Disabilities Act of 1990 (42 U.S.C. 12101 *et seq.*) and 49 CFR parts 27, 37, and 38;
8. The Older Americans Act (as amended 42 U.S.C. 6101) prohibiting discrimination on the basis of age in programs or activities receiving federal financial assistance;
9. Section 324 of the Title 23 U.S.C. regarding the prohibition of discrimination based on gender; and
10. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR Part 27 regarding discrimination against individuals with disabilities.



Signature

Mr. Mark A Kern,
Chairman, Board of Directors
East-West Gateway
Council of Governments

Date
June 29, 2011



Signature

Ms. Mary Lamie,
Deputy Director of Highways
Region Five Engineer
Illinois Department
of Transportation

Date
June 29, 2011



Signature

Mr. Ed Hassinger,
District Engineer
Missouri Department
of Transportation

Date
June 29, 2011

APPENDIX D
East-West Gateway Committees and Members

Board of Directors:

Mark Kern, *Chair*
Steve Ehlmann, *Vice Chair*
Alan Dunstan, *2nd Vice Chair*
John Griesheimer
John Hamm
Kevin Keith
Richard Kellett
John A. Laker
Sandy Lucy
Rich Magee
Matt Melucci
Roy Mosley
Ray Muniz
Alvin Parks
Brandon Perry
James A. Pulley
Lewis Reed
Francis G. Slay
Jim Vernier
Ken Waller
Kyra Watson
Robert A. Wetzel
John White
Delbert Wittenauer

Non-Voting Members

Charles Ingersoll
Edie Koch
John Nations
Kelvin Simmons

Executive Advisory Committee:

Gary Elmestad
Tim Fischesser
Jennifer George
Stephen Gregali
Joseph Hagerty
Pamela Hogan
David Hutchings
Harry Kennedy
Ronald E. Longley
Pauline Masson
Aaron Metzger
Judy Nelson
Joseph D. Parente
Chris Poehler
Bill Schnell
Stephanie Leon-Streeter
Kevin Terveer

Non-Voting Members

Mokhtee Ahmad
Tracy Beidleman
Chip Casteel
Ed Hassinger
James Heard
Michael Henderson
Curtis Jones
Brad McMahon
Les Nunes
Omar Osman
Mark Schenkelberg.
Betsy Tracy

APPENDIX D
East-West Gateway Committees and Members

**Air Quality Advisory
Committee:**

Chip Casteel
Darrell Cates
Lance Feezel
Tim Fischesser
Susannah Fuchs
Michael Henderson
Rob Kaleel
Jerry J. Kane
Delores Lysakowski
Gary Marshall
Brad McMahon
Michael J. Right
Steven Schneider
Pieter Sheehan
Kathleen Logan Smith
David Sykuta
Wendy Vit
Joe Winkelmann
Michael D. Zeltmann
Mike Zlatic

**Bicycle and Pedestrian
Advisory Committee:**

Gerry Biedenstein
Laura Ellen
John Hicks
Curtis Jones
Karen Karabell
John Kohler
Michael Murray
Kevin Neill
Mark Phillips
Seth Teel
Jeremy Wolfmeyer

**Transportation
Planning Committee:**

Tracy Beidleman
Richard Bradley
Chip Casteel
Darrell Cates
Tim Fischesser
Eva Gadke
Michael Henderson
Jerry J. Kane
Kathy Klevorn
William A. Koehrer
Delores Lysakowski
Aaron Metzger
Michael Murray
Kevin Neill
Les Nunes
Alvin Parks
Jim Rauckman
Gary F. Stahlhut
Wesley Stephens
Stephanie Leon Streeter
Craig E. Tajkowski
Kevin Terveer

STARRS Board of Directors:

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Nancy L. Bates
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Tim Fitch

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Daniel Isom
Dennis Jenkerson
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Mark Kern
Randy Lay
Jonathan Lewis

Joann Leykam
Jeffrey A. Lowell
John Miller
Larry Ringerling
Mike Smiley
Morris Taylor

APPENDIX D
East-West Gateway Committees and Members

Water Resources Advisory Committee:

Kristi Bales	Scott Harding	Megan Reichman
Dave Berger	Kathleen Henry	Trish Rielly
Roland Biehl	Dennis Hogan	Todd Sampsell
Tracy Boaz	Pamela Hogan	Amanda Sappington
Bradley T. Brown	Stephen Ibendahl	Tom Siegel
Laura Cohen	John Johnson	Kathleen Logan Smith
Ron Coleman	Clint Jones	James Stack
Lorin Crandall	Eric Karch	Todd Strole
Rene Dulle	Bruce H. Litzsinger	Nancy Thompson
Scottie Eagan	John MacEachen	Mark Tranel
Perry Eckhardt	Mark Meyer	Joseph Vujnich
Laurie Farmer	Jim Nyberg	Angie Webe
Christine M. Favilla	Patrick Osborne	Edward J. Wielbacher
Terri Gaston	Jamie Paige	James Wilson
	Casandra Phillips	Karla Wilson
		Nicole Young

APPENDIX E:

St. Louis Metropolitan Planning Area



