FINAL

FY 2020

July 1, 2019 to
June 30, 2020

Unified Planning Work Program

April 2019

EAST-WEST GATEWAY
Council of Governments

Creating Solutions Across Jurisdictional Boundaries

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East-West Gateway Council of Governments (EWG) hereby gives public notice that it is the policy of the agency to assure full compliance with Title VI of the Civil Rights Act of 1964, the Civil Rights Restoration Act of 1987, Executive Order 12898 on Environmental Justice, and related statutes and regulations in all programs and activities. Title VI requires that no person in the United States of America, on the grounds of race, color, or national origin, shall be excluded from the participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity for which EWG receives federal financial assistance. Any person who believes they have been aggrieved by an unlawful discriminatory practice under Title VI has a right to file a formal complaint with EWG. Any such complaint must be in writing and filed with EWG's Title VI Coordinator within one hundred eighty (180) calendar days following the date of the alleged discriminatory occurrence. For more information, or to obtain a Title VI Nondiscrimination Complaint Form, please see EWG's website at www.ewgateway.org/titlevi or call (314) 421-4220 or (618) 274-2750.

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 (East-West Gateway, EWG, or the 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.

Consistent with federal regulations and the agency's role as the MPO, East-West Gateway is committed to delivering a performance-driven, outcome-based transportation planning and programming process. The regional long-range transportation plan, *Connected2045*, adopted in 2015, anticipated federal performance management requirements by including performance measures and desired outcomes. Its update, due in 2019, will further refine the agency's overall investment strategy by including additional, updated performance measures along with quantifiable targets. Moreover, East-West Gateway updated the selection criteria for projects funded through suballocated surface transportation block grant funds. These new evaluation criteria are derived from federal, state, and regional goals and allow the region to move towards achieving its desired transportation outcomes through improved, targeted investments.

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 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 (FY) 2020, between July 1, 2019, and June 30, 2020. 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 programs. While every effort is made to anticipate and prepare for the full 12 months of work each year when the UPWP is assembled, unexpected circumstances sometimes necessitate changes to the document outside the regular annual cycle. When funding has been clearly identified for any new activities, the Board is presented the opportunity to amend new work into the UPWP or sometimes revise existing activities 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, Research Services, Regional Security Planning, and Administration. Each department houses a strong 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 2020 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 AND LOCAL GOVERNMENT SERVICES. 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. Also included is the management of regional information systems, like the agency wide database and geographic information system (GIS). We are continuing work on regional competitiveness, and provide

support to member local governments and agencies through dissemination of research and updated data.

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 and long-range planning, the Transportation Improvement Program, safety programs, 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 2020, and some of them will continue into future fiscal years. Under the subsection of Regional Development and Sustainability, staff will work on an ecological initiative, air and water quality issues, and integration and implementation of the OneSTL priorities into our overall planning activities. 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 future 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 D.

In addition to these broad program areas, there are several in-house functions that inform and assist across the agency. 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.

Federal legislation outlines eight factors what should inform the metropolitan transportation planning process. Briefly, these planning factors are:

- Economic vitality
- Safety
- Security
- Accessibility and mobility
- Environmental protection, energy conservation, quality of life, and the transportation/land use/development linkage
- Integration and connectivity
- Management and operations
- System preservation

These planning factors are fully encompassed within the ten guiding principles of the region's long-range transportation plan, which provides the framework for most of the Council's planning activities. Correspondingly, many of the UPWP work elements either address one or more of the federal planning factors or provide the underlying data needed for analysis. For example, an element such as the Regional Decisions Support Systems supplies the socioeconomic and demographic information necessary for the evaluation of transportation system performance, economic and land use changes, and environmental impacts. Elements such as Coordinated Human Services Transportation Planning, Integrated Transportation Systems Management, and Ecological Approach to Infrastructure Development focus more directly on discrete planning factors, while the Long-Range Planning and Transportation Improvement Program elements focus on integrating the planning factors.

As well as reflecting the federal factors, UPWP elements also address regional planning priorities, which are best expressed in the ten principles contained in the region's long-range transportation plan, *Connected2045*.

- Preserve and maintain the existing systems
- Support public transportation
- Support neighborhoods and communities throughout the region
- Foster a vibrant downtown
- Provide more transportation choices
- Promote safety and security
- Support a diverse economy throughout the region
- Support quality job development
- Strengthen intermodal connections
- Link transportation planning to housing, environment, education, and energy

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 is supported by financial grants and in-kind resources from federal, state, and local government sources, as well as private foundations and East-West Gateway surplus funding. 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 as we strive to meet the needs of our region, 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.

LIST OF ACRONYMS

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
CCTA	-	Complex Coordinated Terrorist Attack
CHSTP	-	Coordinated Human Service Transportation Planning
CMP	-	Congestion Management Process
COG	-	Council of Governments
DBE	-	Disadvantaged Business Enterprise
DHS	-	U.S. Department of Homeland Security
EAC	-	Executive Advisory Committee
EPA	-	U. S. Environmental Protection Agency
EWG	-	East-West Gateway Council of Governments
FAST	-	Fixing America's Surface Transportation Act
HCC	-	Health Care Coalition
FEMA	-	Federal Emergency Management Agency
FHWA	-	Federal Highway Administration
FTA	-	Federal Transit Administration
FY	-	Fiscal Year
GIS	-	Geographic Information System
IDOT	-	Illinois Department of Transportation
IEPA	-	Illinois Environmental Protection Agency
ITS	-	Intelligent Transportation System
MARC	-	Mid-America Regional Council
MoDHSS	-	Missouri Department of Health and Senior Services
MoDNR	-	Missouri Department of Natural Resources
MoDOT	-	Missouri Department of Transportation
MO OHS	-	Missouri Office of Homeland Security
MOVES	-	Motor Vehicle Emission Simulator
MPO	-	Metropolitan Planning Organization
OneSTL	-	The St. Louis Region's Plan for Sustainable Development
PL	-	Metropolitan Area Transportation Planning Funds
PMP	-	Program Management Plan
PPA	-	Public Policy Administration
REF	-	Regional Environmental Framework
SIP	-	State Implementation Plan
SNAP	-	Supplemental Nutrition Assistance Program

LIST OF ACRONYMS
(continued)

STARRS	-	St. Louis Area Regional Response System
STP	-	Surface Transportation Program
TBD	-	To Be Determined
THIRA	-	Threat and Hazard Identification and Risk Assessment
TIP	-	Transportation Improvement Program
TPC	-	Transportation Planning Committee
TSM&O	-	Transportation System Management & Operations
UASI	-	Urban Areas Security Initiative
UMSL	-	University of Missouri - St. Louis
UPWP	-	Unified Planning Work Program
USDA	-	U.S. Department of Agriculture

FUNDING CHARTS

FY2020 FUNDING SUMMARY CHART

NEW FUNDING IN UPWP FY 2020 PERIOD

	STATE and LOCAL				FEDERAL				
					TRANSPORTATION PLNG.FUNDS		OTHER		
WORK ELEMENT	EWG	IDOT	MODOT	OTHER [3]	MODOT	IDOT	Amount	Agency	TOTAL
1.01 : Regional Travel Demand Modeling	$ 74,152	$ 37,630	$ -	$ -	$ 447,698	$ 150,520	$ -	$ -	$ 710,000
1.05 : Geographic Information Systems	29,765	15,105	-	-	179,710	60,420	-	-	285,000
1.06 : Information Management and Services	48,669	24,698	-	-	293,841	98,792	-	-	466,000
1.12 : Regional Decisions Support Systems	43,656	22,154	-	-	263,574	88,616	-	-	418,000
2.01 : Integrated Transportation Systems Management	24,543	12,455	-	-	148,182	49,820	-	-	235,000
2.03 : Transportation Improvement Program and Project Monitoring	46,684	23,691	-	-	281,861	94,764	-	-	447,000
2.04 : Transportation Planning Data Collection and Analysis - MODOT	-	-	257,048	-	-	-	-	-	257,048
2.05 : Transportation Safety Initiative	7,206	3,657	-	-	43,509	14,628	-	-	69,000
2.06 : Drive for Tomorrow Program	9,300	-	18,000	-	109,200	-	-	-	136,500
2.07 : Transit System Planning and Development (Metro)	-	10,000	-	30,000	120,000	40,000	-	-	200,000
2.09 : Transportation Planning Work Program Administration	4,595	2,332	-	-	27,745	9,328	-	-	44,000
2.11 : Multimodal Transportation Planning	24,439	12,402	-	-	147,551	49,608	-	-	234,000
2.12 : Great Streets Charette - Illinois	-	22,786	-	-	-	91,144	-	-	113,930
2.13 : Great Streets Initiative	35,600	-	-	100,000	542,398	-	-	-	677,998
2.15 : Coordinated Human Service Transportation Planning	-	-	-	-	-	-	23,500	FTA/BSDA	23,500
2.17 : Transportation Corridor & Subarea Planning-Missouri	26,998	-	-	-	163,002	-	-	-	190,000
2.19 : Long-Range Transportation Planning	40,731	20,670	-	-	245,919	82,680	-	-	390,000
2.21 : Ecological Approach to Infrastructure Development	14,204	7,208	-	-	85,756	28,832	-	-	136,000
2.25 : Southwestern Il Flood Prevention Dist Management	-	-	-	215,700	-	-	-	-	215,700
2.32 : Air Quality Coordination	-	-	-	19,033	-	-	51,562	EPA/MO/IL	70,595
2.34 : Missouri Regional 208 Water Quality Management Planning	-	-	-	-	-	-	24,500	EPA/MDNR	24,500
2.35 : Watershed Planning- Lower Meramec	-	-	-	50,000	-	-	75,000	EPA/MDNR	125,000
2.38 : Community Building	47,207	23,956	-	-	285,013	95,824	-	-	452,000
2.47 : Solid Waste Recycling & Food Waste Reduction	1,667		-	15,000	-	-	-	MDNR/SLJSWD	16,667
2.81 : Urban Area Security Initiative	-	-	-	-	-	-	2,835,000	FEMA/MO OHS	2,835,000
2.86 : St. Louis Area Regional Response Support				7,500					7,500
2.88 : Bioterrorism Preparedness for Hospitals	-	-	-	-	-	-	350,000	ASPR/DHSS	350,000
3.01 : Transportation Finance	1,880	954	-	-	11,350	3,816	-		18,000
3.06 : Regional Competitiveness	34,674	17,596	-	-	209,346	70,384	-		332,000
4.01 : Community Engagement - Public Involvement	28,512	14,469	-	-	172,143	57,876	-		273,000
4.11 : Local Government Collaboration	6,700	3,400	-	-	40,451	13,600	-		64,151
4.97 : Local Government Assistance	25,000	-	-	-	-	-	-		25,000
Total	$ 576,182	$ 275,163	$ 275,048	$ 437,233 [3]	$ 3,818,249 [1]	$ 1,100,652 [2]	$ 3,359,562		$ 9,842,089

1 Represents total planning funds programmed. MoDOT transfers EWG's FTA Section 5305 (d) funds to FHWA. The funds are then combined into a single award (Consolidated Planning Grant). The total programmed amount includes unspent funds from prior years.

2 The amount represents EWG's allocation for the state fiscal year. The Illinois Department of Transportation combines the same type of federal funds as described above into a single award (CPG).

3 See next page for funding detail.

FY2020 FUNDING SUMMARY CHART

ESTIMATED FUNDING **CARRYOVER** FROM MULTI-YEAR AWARDS ACTIVE IN UPWP YEAR 2019

		STATE and LOCAL				FEDERAL				
						TRANSPORTATION PLNG.FUNDS		OTHER		
WORK ELEMENT		EWGCC	IDOT	MODOT	OTHER	MODOT	IDOT	Amount	Agency	TOTAL
2.12a :	Illinois Great Streets Planning Initiative	17714	0	0	61,306	0	-	316,080	SPR/IDOT	395,100
2.14 :	MetroLink System-Wide Security Assessment Phase II				100,400			401,600	FTA/BSDA	502,000
2.15 :	Coordinated Human Service Transportation Planning	-		-	-	-	-	79,600	FTA/BSDA	79,600
2.32 :	Air Quality Coordination	-		-	5,173	-		4,502	EPA/MDNR	9,675
2.39 :	Update All Hazard Mitigation Plan - Missouri	20,863		-	-	-	-	62,587	FEMA/SEMA	83,450
2.45 :	Missouri Nutrition Incentive Program	2,200		-	-	-	-	19,800	USDA/MARC	22,000
2.81 :	Urban Area Security Initiative	-		-	-	-	-	2,966,716	FEMA/MO OHS	2,966,716
2.90 :	Complex Coordinated Terrorist Attack Grant Program				-			526,778	FEMA	526,778
	Total Estimated Carryover Funding From Multi-Year Awards	$ 40,777	$ -	$ -	$ 166,879	$ -	$ -	$ 4,377,663		$ 4,585,319
	Total Estimated New Funding Awards FY2020 (from pg xv)	576,182	275,163	275,048	437,233	3,818,249	1,100,652	3,359,562		9,842,089
	Grand Total Estimated Funding Awards Available for FY 2020 (July 1-June 30)	$ 616,959	$ 275,163	$ 275,048	$ 604,112	$ 3,818,249	$ 1,100,652	$ 7,737,225		$ 14,427,408

DETAIL OF STATE & LOCAL - OTHER FUNDING

NEW FUNDING IN UPWP FY2020 PERIOD (FROM PAGE xv)

WORK ELEMENT		Other	Source
2.07 :	Transit System Planning and Development (Metro)	30,000	BSDA
2.13 :	Great Streets Initiative	100,000	LOCAL SOURCE TO BE DTERMINED $100,000
2.25 :	Southwestern Il Flood Prevention Dist Management	215,700	SOUTHWESTERN FLOOD PREVENTION DISTRICT COUNCIL
2.32 :	Air Quality Coordination	19,033	MODNR
2.35 :	Watershed Planning- Lower Meramec	50,000	TBD
2.47 :	Solid Waste Recycling & Food Waste Reduction	15,000	MDNR/St. Louis - Jefferson Solid Waste District
2.86 :	St. Louis Area Regional Response Support	7,500	STARRS
	Subtotal per New Funding In UPWP FY2020	$ 437,233	
ESTIMATED CARRYOVER FUNDING FROM MULTI-YEAR ELEMENTS ACTIVE IN UPWP 2019 (FROM ABOVE TABLE)			
2.12a :	Illinois Great Streets Planning Initiative	61,306	CITY OF ALTON
2.14 :	MetroLink System-Wide Security Assessment Phase II	100,400	BSDA
2.32 :	Air Quality Coordination	5,173	MDNR
	Subtotal - Other Funding per Carryover Funding From Multi-Year Awards In UPWP FY2019	$ 166,879	
	Grand Total - Other Funding	$ 604,112	

SUMMARY OF ESTIMATED EXPENDITURES FOR NEW FY 2020 FUNDING

WORK ELEMENT		Estimated Expenditures				
		Personnel	Other direct*	Indirect**	Contractual Services	Total
1.01 :	Regional Travel Demand Modeling	$ 473,864	$ 40,667	$ 195,469	$ -	$ 710,000
1.05 :	Geographic Information Systems	192,686	12,831	79,483	-	285,000
1.06 :	Information Management and Services	326,485	4,840	134,675	-	466,000
1.12 :	Regional Decisions Support Systems	294,499	2,020	121,481	-	418,000
2.01 :	Integrated Transportation Systems Management	164,115	3,188	67,697	-	235,000
2.03 :	Transportation Improvement Program and Project Monitoring	304,984	16,211	125,805	-	447,000
2.04 :	Transportation Planning Data Collection and Analysis - MODOT	257,048	-	-	-	257,048
2.05 :	Transportation Safety Initiative	46,372	3,500	19,128	-	69,000
2.06 :	Drive for Tomorrow Program	32,655	375	13,470	90,000	136,500
2.07 :	Transit System Planning and Development (Metro)	-	-	-	200,000	200,000
2.09 :	Transportation Planning Work Program Administration	24,071	10,000	9,929	-	44,000
2.11 :	Multimodal Transportation Planning	149,770	7,450	61,780	15,000	234,000
2.12 :	Great Streets Charette - Illinois	25,940	1,290	10,700	76,000	113,930
2.13 :	Great Streets Initiative	122,264	5,300	50,434	500,000	677,998
2.15 :	Coordinated Human Service Transportation Planning	14,279	3,330	5,891	-	23,500
2.17 :	Transportation Corridor & Subarea Planning-Missouri	131,986	3,570	54,444	-	190,000
2.19 :	Long-Range Transportation Planning	269,111	9,880	111,009	-	390,000
2.21 :	Ecological Approach to Infrastructure Development	93,296	4,219	38,485	-	136,000
2.25 :	Southwestern Il Flood Prevention Dist Management	152,354	500	62,846	-	215,700
2.32 :	Air Quality Coordination	49,313	940	20,342	-	70,595
2.34 :	Missouri Regional 208 Water Quality Management Planning	17,345	-	7,155	-	24,500
2.35 :	Watershed Planning- Lower Meramec	87,281	1,716	36,003	-	125,000
2.38 :	Community Building	317,218	3,930	130,852	-	452,000
2.47 :	Solid Waste Recycling & Food Waste Reduction	11,102	985	4,580	-	16,667
2.81 :	Urban Area Security Initiative	432,700	1,822,897	178,488	400,915	2,835,000
2.86 :	St. Louis Area Regional Response Support	3,682	2,300	1,518	-	7,500
2.88 :	Bioterrorism Preparedness for Hospitals	109,477	85,364	45,159	110,000	350,000
3.01 :	Transportation Finance	12,318	600	5,082	-	18,000
3.06 :	Regional Competitiveness	232,349	3,807	95,844	-	332,000
4.01 :	Community Engagement - Public Involvement	190,129	4,442	78,429	-	273,000
4.11 :	Local Government Collaboration	43,797	2,287	18,067	-	64,151
4.97 :	Local Government Assistance	13,476	5,965	5,559	-	25,000
	Total	$ 4,595,966	$ 2,064,404	$ 1,789,804	$ 1,391,915	$ 9,842,089

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

** Applied based on personnel costs.

FY 2020 SUPPLEMENTAL FUNDING INFORMATION FOR NEW FUNDING

DETAIL OF PLANNING PROGRAM BY STATE (FHWA PL AND FTA SEC 5305(d))

WORK ELEMENT			MODOT CPG FUNDS	PARTICIPATION PERCENTAGE	IDOT PLANNING FUNDS	PARTICIPATION PERCENTAGE
1.01	:	Regional Travel Demand Modeling	447,698		150,520	
1.05	:	Geographic Information Systems	179,710		60,420	
1.06	:	Information Management and Services	293,841		98,792	
1.12	:	Regional Decisions Support Systems	263,574		88,616	
2.01	:	Integrated Transportation Systems Management	148,182		49,820	
2.03	:	Transportation Improvement Program and Project Monitoring	281,861		94,764	
2.05	:	Transportation Safety Initiative	43,509		14,628	
2.06	:	Drive for Tomorrow Program	109,200			
2.07	:	Transit System Planning and Development (Metro)	120,000		40,000	
2.09	:	Transportation Planning Work Program Administration	27,745		9,328	
2.11	:	Multimodal Transportation Planning	147,551		49,608	
2.12	:	Great Streets Charette - Illinois			91,144	
2.13	:	Great Streets Initiative	542,398		-	
2.17	:	Transportation Corridor & Subarea Planning-Missouri	163,002		-	
2.19	:	Long-Range Transportation Planning	245,919		82,680	
2.21	:	Ecological Approach to Infrastructure Development	85,756		28,832	
2.38	:	Community Building	285,013		95,824	
3.01	:	Transportation Finance	11,350		3,816	
3.06	:	Regional Competitiveness	209,346		70,384	
4.01	:	Community Engagement - Public Involvement	172,143		57,876	
4.11	:	Local Government Collaboration	40,451		13,600	
		Total Federal Funds	3,818,249	80.00% *	1,100,652	80.00%
		Match - EWG	549,515	11.51%		0.00%
		Match - State	18,000	0.38%	275,163	20.00%
		Match - Other	130,000	2.72%	-	0.00%
		TOTAL EWG Cost of FY 2020 Transportation Planning Program	$ 4,515,764		$ 1,375,815	
2.04	:	Value of MODOT "Direct Cost" Metropolitan Planning Activity[1]	257,048	5.39%	-	-
		Total Value of Transportation Planning Work Elements	$ 4,772,812	100.00%	$ 1,375,815	100.00%

* Federal Funding as a percentage of total EWG actual transportation planning costs is actually 84.55% ($3,818,249/$4,515,764= 84.55%). The value of MoDOT Direct Costs allows EWG to include an additional $205,638 ($257,048 x .80) in Federal CPG funding.

Available Funding

Funds passed through MoDOT: East-West Gateway estimates that $8,682,000 will be available in Consolidated Planning Grant funds, through the Missouri Department of Transportation, for the program year beginning July 1, 2019. This estimate is based on the projected unspent funds available from prior years plus an approximation of CPG funds allocated to our region for FFY2019 . In addition, during the year we estimate that funds from FFY 2020 approximating $3,301,000 will be applied to our balance bringing the total federal planning funds available during the period covered by this UPWP to $11,983,000.

The financial stability of the Council is largely dependent upon federal and state planning funds. EWG's healthy planning funds balance provides some stability if current funding is delayed or reduced. In addition, the funds can be drawn upon to supplement our normal activities with exceptional work that the Council needs to periodically conduct to meet federal requirements. For example, conducting an extensive travel survey to update our travel demand model or undertaking an update to our land-use modeling would not be possible without a substantial balance from the prior years. Based on the assumption that 100% of the funds programmed in this document will be spent, we estimate that $8,164,751 ($11,983,000 - $3,818,249) will be available for carryover to the next UPWP effective July 1, 2020 through June 30, 2021.

Funds passed through IDOT: IDOT does not allow the MPO to use prior year balances for the FHWA and FTA metropolitan planning funds. IDOT has provided a funding mark for EWG of $1,100,652 from the FY2019 apportionment. Our estimated expenditures are based on this assumption.

Local Funds: EWG will have adequate match available from accumulated per capita contributions and TIP fees. We've estimated that $551,182 will be required to match the new funding shown on page xv and an additional $25,000 will be required for local government assistance activities.

FY 2020 SUPPLEMENTAL INFORMATION FOR NEW FUNDING

Detail of IDOT Planning Funds

WORK ELEMENT		CONSOLIDATED PLANNING GRANT (federal)	METROPOLITAN PLANNING FUNDS and Other IDOT Match	FEDERAL PLUS MATCH
1.01	Regional Travel Demand Modeling	150,520	37,630	188,150
1.05	Geographic Information Systems	60,420	15,105	75,525
1.06	Information Management and Services	98,792	24,698	123,490
1.12	Regional Decisions Support Systems	88,616	22,154	110,770
2.01	Integrated Transportation Systems Management	49,820	12,455	62,275
2.03	Transportation Improvement Program and Project Monitoring	94,764	23,691	118,455
2.05	Transportation Safety Initiative	14,628	3,657	18,285
2.07	Transit System Planning and Development (Metro)	40,000	10,000	50,000
2.09	Transportation Planning Work Program Administration	9,328	2,332	11,660
2.11	Multimodal Transportation Planning	49,608	12,402	62,010
2.12	Great Streets Charette - Illinois	91,144	22,786	113,930
2.19	Long-Range Transportation Planning	82,680	20,670	103,350
2.21	Ecological Approach to Infrastructure Development	28,832	7,208	36,040
2.38	Community Building	95,824	23,956	119,780
3.01	Transportation Finance	3,816	954	4,770
3.06	Regional Competitiveness	70,384	17,596	87,980
4.01	Community Engagement - Public Involvement	57,876	14,469	72,345
4.11	Local Government Collaboration	13,600	3,400	17,000
	Total	$1,100,652	$275,163	$1,375,815

FY 2020 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	447,698	74,152	521,850
1.05	:	Geographic Information Systems	179,710	29,765	209,475
1.06	:	Information Management and Services	293,841	48,669	342,510
1.12	:	Regional Decisions Support Systems	263,574	43,656	307,230
2.01	:	Integrated Transportation Systems Management	148,182	24,543	172,725
2.03	:	Transportation Improvement Program and Project Monitoring	281,861	46,684	328,545
2.05	:	Transportation Safety Initiative	43,509	7,206	50,715
2.06	:	Drive for Tomorrow Program	109,200	27,300	136,500
2.07	:	Transit System Planning and Development (Metro)	120,000	30,000	150,000
2.09	:	Transportation Planning Work Program Administration	27,745	4,595	32,340
2.11	:	Multimodal Transportation Planning	147,551	24,439	171,990
2.13	:	Great Streets Initiative	542,398	135,600	677,998
2.17	:	Transportation Corridor & Subarea Planning-Missouri	163,002	26,998	190,000
2.19	:	Long-Range Transportation Planning	245,919	40,731	286,650
2.21	:	Ecological Approach to Infrastructure Development	85,756	14,204	99,960
2.38	:	Community Building	285,013	47,207	332,220
3.01	:	Transportation Finance	11,350	1,880	13,230
3.06	:	Regional Competitiveness	209,346	34,674	244,020
4.01	:	Community Engagement - Public Involvement	172,143	28,512	200,655
4.11	:	Local Government Collaboration	40,451	6,700	47,151
		TOTAL EWG Cost of FY 2017 Transportation Planning Program	$ 3,818,249	$ 697,515	$ 4,515,764
2.04		Value of MODOT "Direct Cost" Metropolitan Planning Activity[1]		257,048	257,048
		Total Value of Transportation Planning Work Elements (Missouri Portion)	$ 3,818,249	$ 954,563	$ 4,772,812

RESEARCH AND ANALYSIS

Total budgeted for this program area: $1,879,000

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 the update of the Metropolitan Transportation Plan, to demand forecasts for transit and air quality analyses, to performing scenario analyses to evaluate future demographic, socioeconomic, and environmental conditions.

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 four 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 Information Systems

Regional Travel Demand Modeling and System Evaluation – An important technical component of the regional planning process is the travel demand model. Demand modeling enables the agency to forecast future travel and evaluate the efficiency and effectiveness of the transportation system and proposed improvements. 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 to develop analytical methods that better evaluate the performance of the transportation system and individual projects relative to mobility, accessibility, land use, economic growth, and the natural environment. The travel demand model will also support annual conformity determinations related to both short and long-range transportation plans. Traffic forecasts are also provided to state and local agencies for use in their own studies.

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 that 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.

Research Services

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 continual acquisition and processing of multiple data sets focusing on information necessary for measuring transportation system performance, as well as socioeconomic, demographic, land use, and environmental analyses. Additionally, staff will continue to develop and analyze potential land use scenarios in support of the agency's transportation planning function. Staff will continue to provide data and technical assistance to a broad array of users.

Summary of Estimated Costs for Functional Area:

1.01 Regional Travel Demand Modeling	$710,000
1.05 GIS Implementation	285,000
1.06 Information Management and Services	466,000
1.12 Regional Decisions Support Systems	418,000
Total	**$1,879,000**

REGIONAL TRAVEL DEMAND MODELING AND SYSTEM EVALUATION
1.01

Activities:

1. Maintain and update technical documentation of TransEval, which is East-West Gateway's regional travel demand model, and its applications.

2. Build internal capacity and skills for operating the updated regional travel demand model and its procedures.

3. Enhance professional development by working collaboratively on various research activities and projects with local planning partners and research entities, participating in professional conferences, and enhancing modeling skills.

4. Provide support and prepare travel demand forecasts for the Transportation Improvement Program (TIP) and Regional Transportation Plan (RTP).

5. Conduct the Regional Emission Analysis for air quality conformity determination for the Regional Transportation Plan (RTP) and Transportation Improvement Program (TIP).

6. Develop and enhance internal capacity for using the latest EPA approved air quality emissions model MOVES 2014a, which is the latest version available and mandated for use since October 2016.

7. Develop updated input files for use in the latest EPA approved air quality emissions model MOVES 2014a.

8. Refine Congestion Mitigation and Air Quality (CMAQ) project evaluation tool using outputs from the MOVES 2014a air quality model to include the latest needs.

9. Provide modeling support for local and regional planning efforts.

10. Research, develop, and test model-based transportation performance evaluation tools and techniques for use in corridor-level and long-range planning.

11. Update the functional classification network and maps.

Products/Outcomes:

A. Travel demand forecasts and analyses to support the RTP, TIP, and planning studies *(ongoing)*

B. Regional Emissions Analysis for conformity determination using the MOVES 2014a model *(ongoing)*

C. Compilation of system performance evaluation methods *(ongoing)*

D. Updates to functional classification networks *(ongoing)*

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	$447,698
IDOT	150,520
Subtotal	$598,218

Local:

EWG	$74,152
IDOT	37,630
Subtotal	$111,782
TOTAL	$710,000

GEOGRAPHIC INFORMATION SYSTEMS IMPLEMENTATION
1.05

Activities:

1. Provide the technical expertise, oversight, and training resources necessary to maintain and enhance an open and adaptive Geographic Information Systems (GIS) in support of the regional transportation planning functions of the agency that require GIS in general, and mapping in particular.

2. 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 subcommittees.

4. Support to regional and subregional GIS maps and data for regional community and transportation planners.

5. Support efforts to identify, acquire, update and convert transportation, environmental, land use, and other data sets from a variety of external sources.

6. Continue to incorporate the newest orthoimagery and aerial photography into the GIS.

7. Support collaborative regional data development efforts.

8. Support efforts to monitor and track changes in generalized regional land use and develop methods for acquiring and creating a detailed regional land use database including the use of local data from member jurisdictions in support of planning under the Fixing America's Surface Transportation (FAST) Act.

9. 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.

10. Support regional planning by providing technical expertise and oversight for GIS data development, and developing comprehensive transportation, environmental, and land use data sets for the region.

11. Create and provide data, maps, and program / project information, as needed.

Products/Outcomes:

A. Improved GIS applications/templates *(ongoing)*

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 *(ongoing)*
D. Enhanced support for regional land use modeling and forecasting tools *(ongoing)*

E. "Map of the Month" section on the EWG website *(ongoing)*

F. Updated and more comprehensive transportation, environmental, and land use data sets *(ongoing)*

G. Improved parcel-based land use file *(ongoing)*

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	$179,710
IDOT	60,420
Subtotal	$240,130

Local:

EWG	$29,765
IDOT	15,105
Subtotal	$44,870
TOTAL	$285,000

INFORMATION MANAGEMENT AND SERVICES
1.06

Activities:

1. Continue to develop and update the contents and functionality of East-West Gateway's website and other Internet-based communication methods, including social networking tools, to better inform the public on EWG programs, projects, and public engagement opportunities in accordance with the Public Involvement Plan.

2. Create and maintain project specific website applications, sections and/or additional websites as needed for transportation planning activities.

3. Maintain software systems as necessary to support the agency's modeling and planning activities.

4. Maintain systems for effectively managing the wide variety of data collected, created and utilized for in-house planning activities.

5. Maintain database systems used to track and contact planning process participants and local officials.

6. Provide training and technical support to agency staff for work related to transportation planning activities.

7. Evaluate in-house information management systems and make recommendations regarding new technologies and computer hardware and software upgrades that will improve the quality and/or efficiency of in-house planning operations, as needed.

8. Develop a new database and web applications to manage TIP and RTP project information.

Products/Outcomes:

A. Website 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)*

B. Timely website access to meeting and event information and other related public information useful to the public involvement requirements of the transportation planning process *(ongoing)*

C. Additional and/or updated project specific website applications and sections *(ongoing)*

D. Recommendations about new technologies and computer hardware and software upgrades that will improve the quality and/or efficiency of in-house planning operations *(ongoing)*

E. Centralized, up-to-date address databases used to track and contact planning process participants and local officials *(ongoing)*

F. Updated TIP on-line project applications, as needed, via the EWG website *(ongoing)*

G. Updated in-house database and web applications used to manage TIP and RTP project information *(ongoing)*

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	$293,841
IDOT	98,792
Subtotal	$392,633

Local:

EWG	$48,669
IDOT	24,698
Subtotal	$73,367
TOTAL	$466,000

REGIONAL DECISION SUPPORT SYSTEMS
1.12

Activities:

1. Identify, collect, and maintain data sets, focusing on those data necessary for transportation system performance, as well as socioeconomic, demographic, land use, and environmental analysis.

2. Provide requested data/technical assistance to agency staff, local governments, professional data users, the general public, and other partners and collaborators.

3. Develop land use, population, and employment forecasting scenarios to support the travel demand modeling system and other planning activities.

4. Support long range transportation planning by assembling and analyzing land use, demographic, and economic data.

5. Assist in preparing periodic analytical reports on issues of regional concern.

6. Collaborate with federal, state, and local officials and other resource agencies to assess impacts associated with climate change at the regional and national levels.

7. Provide information to update the online data center on the agency website.

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 travel 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)*

D. Updated online tables on agency website *(ongoing)*

E. Documentation of data sources *(ongoing)*

F. Maps, data, and analysis to support agency planning activities *(ongoing)*

G. Periodic reports on regional issues *(ongoing)*

H. Analyses of land use scenarios *(ongoing)*

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	$263,574
IDOT	88,616
Subtotal	$352,190

Local:

EWG	$43,656
IDOT	22,154
Subtotal	$65,810
TOTAL	$418,000

PLANNING

Total budgeted for this program area: $11,836,257

TRANSPORTATION SYSTEM MANAGEMENT AND OPERATIONS

Background

The seven 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 ensuring 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 greater 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. The first element focuses on the implementation and coordination of technology to enhance regional system operations. A second element covers the process for making transportation funding decisions and monitoring the progress of short-term transportation investment decisions. Two elements involve the collection and analysis of data necessary to evaluate the existing system's performance, and another two evaluate and educate on transportation system safety, both regionally and locally. 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 systems 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 promoting implementation of a coordinated program for the management of the region's transportation system.

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 Consolidated Planning Grant funds.

Transportation Safety Initiative and *Drive for Tomorrow Program* – The first element represents the Council's efforts to better define and develop appropriate solutions to travel safety issues in the region. Using relationships with transportation safety officials and advocates from

throughout the region, the Council will work to enhance safety on the region's transportation system, focusing on engineering, enforcement, education, and emergency response. Coordination, outreach, and education are key components of this effort. The second element is a hands-on safety outreach program for high school students, emphasizing the importance of seat belt use and avoiding distracted and impaired driving.

Transportation Work 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 Disadvantaged Business Enterprise (DBE) plan and program.

Summary of Estimated Costs for Functional Area:

2.01 Integrated Transportation System Management	$235,000
2.03 Transportation Improvement Program and Project Monitoring	447,000
2.04 Transportation Planning Data Collection and Analysis – MODOT	257,048
2.05 Transportation Safety Initiative	69,000
2.06 Drive for Tomorrow Program	136,500
2.07 Transit System Planning and Development (Metro)	200,000
2.09 Transportation Planning Work Program Administration	44,000
TOTAL	**$1,388,548**

INTEGRATED TRANSPORTATION SYSTEMS MANAGEMENT
2.01

Activities:

1. Manage the regional Congestion Management Process (CMP) through the metropolitan planning process, CMP goals/objectives/performance measures, and transportation system management and operations (TSM&O) based mitigation strategies.

2. Maintain Regional ITS Architecture responsibilities in coordination with MoDOT, IDOT, Metro, and local stakeholders. Ensure that projects with ITS components advanced for funding conform to the regional architecture and collaboration/coordination process.

3. Convene bi-monthly meetings of the Congestion Management & Operations Committee (CMOC) to support management of the regional CMP and the Regional ITS Architecture, and to facilitate integrated management and operations of the regional transportation system.

4. Participate in MoDOT Quarterly Mobility Report meetings and Gateway Green Light (GGL) bi-monthly meetings.

5. Educate partner agencies, elected and other local officials, and the community about the requirements and benefits of the CMP, M&O practices and ITS Architecture as needed.

6. Provide guidance, technical assistance and support to local partners in complying with the requirements of the Regional CMP and ITS Architecture.

7. Develop an annual congestion report on the performance and reliability of the regional multimodal transportation network for calendar year 2019.

8. Assist with review and evaluation of project applications with regard to TSM&O aspects, and compliance with the CMP and Regional ITS Architecture.

Products/Outcomes:

A. Agendas, presentations, and proceedings for bi-monthly meetings of the Congestion Management & Operations Committee (CMOC) *(ongoing)*

B. Participation in MoDOT Mobility Report Meetings and GGL meetings *(ongoing*)

C. Community and local partner outreach and technical assistance activities *(ongoing)*

D. Annual congestion report on performance and reliability of regional multimodal transportation network for calendar year 2019 *(June 2020)*

E. Evaluations of project applications *(ongoing)*

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	$148,182
IDOT	49,820
Subtotal	$198,002

Local:

EWG	$24,543
IDOT	12,455
Subtotal	$36,998
TOTAL	$235,000

TRANSPORTATION IMPROVEMENT PROGRAM AND PROJECT MONITORING 2.03

Activities:

1. Conduct TIP development workshops to inform local project sponsors and interested parties of project submission requirements and evaluation and approval procedures.

2. Solicit projects and assist local governments and other sponsors in developing and documenting projects for TIP funding consideration.

3. Provide assistance to local sponsors in developing project applications for TIP funding consideration and in implementing projects and maintaining schedules.

4. Evaluate projects submitted for TIP consideration and establish funding priorities for local and state highways, transit, paratransit, and transportation alternatives.

5. Define proposed projects and attributes for GIS and database inclusion; evaluate geographic distribution of programmed investments.

6. 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.

7. Conduct public outreach to solicit comments on the TIP process and the recommended program.

8. Publish and disseminate TIP, and prepare materials necessary for actions to amend or otherwise revise the TIP, as needed.

9. Conduct project implementation workshops for sponsors with projects in the TIP.

10. 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.

11. Prepare action recommendations for the EWG Board of Directors concerning projects not complying with obligation schedules.

12. Develop annual list of obligated projects.

13. Continue development of a process for evaluating the effectiveness of implemented TIP projects. Evaluate “best practices” from other metropolitan areas.

14. Work with planning partners to integrate performance measures and targets and anticipated effects of projects on those targets into the TIP document.

15. Maintain and provide staff support to Illinois and Missouri Transportation Planning Committees (TPC).

16. 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.

17. Coordinate with / provide information to EWG staff that is developing and maintaining an updated database to manage the TIP and RTP.

Products/Outcomes:

A. Final FY 2020-2023 and Draft FY 2021-2024 TIP *(August 2019 and June 2020)*

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. Conformity determinations for the RTP and TIP *(October 2019 – January 2020 (if necessary), January 2020 – May 2020)*

E. Technical documentation of air quality modeling procedures, assumptions, and conformity determinations *(January 2020 (if necessary), May 2020)*

F. Monthly reports showing the implementation status of projects programmed in the TIP that are subject to the Policy on Reasonable Progress and the flow of federal funds *(ongoing)*

G. Year-end status report of monitored TIP projects (*October 2019)*

H. Annual listing of obligated projects *(December 2019)*

I. Agendas, presentations, and proceedings for TPC meetings *(ongoing)*

J. Presentations for air quality committee and interagency consultation group meetings *(ongoing)*

K. Information and data for the database used to manage the TIP and RTP *(ongoing)*

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	$281,861
IDOT	94,764
Subtotal	$376,625

Local:

EWG	$46,684
IDOT	23,691
Subtotal	$70,375
TOTAL	$447,000

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. Continued implementation of the Regional Arterial Management System – Gateway Green Light. *(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		$257,048 [1]
	Subtotal	$257,048
	TOTAL	$257,048

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

Personnel:
District Traffic Engineer *
Three Traffic Operations Engineers*
Sr. Traffic Studies Specialist *
Traffic Technician*

* Appendix B shows salary, fringe, and contribution data for the positions

TRANSPORTATION SAFETY INITIATIVE
2.05

Activities:

1. Support and participate in regular meetings of the Missouri Coalition for Roadway Safety (statewide and local).

2. Participate in meetings with Illinois local agencies and IDOT.

3. Support and encourage the development, implementation, and promotion of engineering, education, law enforcement, and emergency response strategies in 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. Participate in statewide transportation safety initiatives for Missouri and Illinois.

7. Assist with management of Missouri and Illinois county local road strategic highway safety plan projects.

8. Create and provide educational / informational materials, as needed.

Products/Outcomes:

A. Staff support for meetings and materials for the Regional Missouri Coalition for Roadway Safety *(ongoing)*

B. Education materials including posters, pamphlets, fact sheets, and PowerPoint presentations on transportation safety issues *(ongoing)*

TRANSPORTATION SAFETY INITIATIVE
2.05

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	$43,509
IDOT	14,628
Subtotal	$58,127
EWG	$7,206
IDOT	3,657
Subtotal	$10,863
TOTAL	$69,000

DRIVE FOR TOMORROW PROGRAM
2.06

Activities:

1. Handle the logistics and coordination of the teen safety program with regional Missouri high schools. *(Staff and MoDOT)*

2. Organize media outreach and interviews. *(Staff and MoDOT)*

3. Provide participant take-aways. *(MoDOT)*

4. Conduct a program that includes advanced interactive driving simulators, banners, pledge campaign items, videos, and live presentations. *(MoDOT)*

Products/Outcomes:

A. A comprehensive educational outreach program for teen drivers that brings instruction on the effects of driving impaired or distracted, as well as community awareness through the media *(ongoing)*

B. Execution of the comprehensive educational outreach program for teen drivers, including high school events *(ongoing)*

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	$109,200
Subtotal	$109,200

Local Match

EWG	$9,300
MoDOT	18,000
Subtotal	$27,300
TOTAL	$136,500

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, seasonal service, and ADA usage. Conduct onboard surveys of ridership trends and fare media usage, forecast transit demand, and measure consumer attitudes toward transit service.

3. Analyze, plan and restructure bus and rail systems including modifications of bus and rail schedules to optimize resources and maintain an effective system.

4. 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.

5. Update the comprehensive operational analysis (COA) of the Metro transit system, to include recommendations for adjusting transit network design; service levels; and service type within a 2-10 year horizon.

6. Assess the current financial condition and future financial capacity of Metro. Analyze existing and potential revenue sources and develop transit cost forecasts.

7. Long-Range Plan Updates (*ongoing)*

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

Products/Outcomes:

A. Quarterly progress reports and invoices *(July 2019, October 2019, January 2020, April 2020)*

B. Operating and ridership information including monthly trip by trip ridership 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)*

F. Annual Transit System Improvement Plans *(June 2020)*

Estimated Costs:

Federal:

Trans Planning Funds	
MoDOT	$120,000
IDOT	$40,000
Subtotal	$160,000

Local:

IDOT	$10,000
Metro	30,000
Subtotal	$40,000
TOTAL	$200,000

TRANSPORTATION PLANNING WORK PROGRAM ADMINISTRATION
2.09

Activities:

1. **General Program Administration**

   a. Monitor work on the transportation planning program contained in the FY 2020 UPWP and prepare and submit quarterly progress reports to funding agencies.

   b. Prepare the "Transportation Completion Report" for FY 2019 UPWP. This will summarize the activities performed under the various elements.

   c. Prepare 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. Update and maintain Title VI program, as needed, to ensure it is meeting current FHWA and FTA requirements.

   e. Provide reports to funding agencies relating to Title VI activities upon request.

   f. Prepare and print final reports for elements contained in the FY2019 UPWP as needed. Distribute the final reports to appropriate agencies.

   g. Prepare the FY2021 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. Monitor changes to DBE regulations.

   d. Monitor DBE participation efforts and prepare reports as required.

   e. Conduct ongoing liaison activities with Small Business Enterprises and DBEs to facilitate contracting opportunities for such businesses.

   f. Participate in the Missouri Regional Certification Committee process.

3. **Association of Metropolitan Planning Organizations (AMPO)**

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

Products/Outcomes:

A. Quarterly progress reports *(quarterly)*

B. FY 2019 Transportation Completion Report *(October 2019)*

C. Title VI Program updates, as needed (*ongoing*)

D. Title VI compliance documentation as required *(June 2020)*

E. FY 2021 UPWP and associated contracts *(June 2020)*

F. Semi-annual DBE participation reports *(November 2019 and May 2020)*

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	$27,745
IDOT	9,328
Subtotal	$37,073

Local:

EWG	$4,595
IDOT	2,332
Subtotal	$6,927
TOTAL	$44,000

Budget Summary by Activity

Sub-Element	*Amount*
1	$32,133
2	$4,806
3	$7,061
	$44,000

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, or otherwise enhancing, the system's character. The eight elements in this category examine those issues from different perspectives. The first four elements take a multimodal approach, evaluating system development and design as it relates to personal mobility, goods movement, and community development. The fifth element encompasses development of a safety and security strategy for the MetroLink light rail system. The sixth element involves managing the Coordinated Human Services Transportation Plan, which ensures that paratransit funding decisions are made within a consistent set of regional criteria. A seventh element covers participation in transportation corridor or subarea studies supported by the Council, Metro, and MoDOT. The eighth element represents the maintain and the long-range transportation planning process, which involves continuing analysis of the regional transportation system's performance and preparing the multi-year effort required to update the metropolitan transportation plan.

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 Charrette –Illinois, Illinois Great Streets Planning Initiative and 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. The first element involves engaging one Illinois community in a multi-day charrette that identifies implementation strategies for corridor and community improvements. The second element involves conducting a major planning effort along Broadway in Alton, IL. The third element encompasses continued participation in the implementation of past Missouri demonstration projects, a continuing education and outreach program to expand knowledge and use of Great Streets principles throughout the region, and advancing one Missouri community project through the Great Streets process.

MetroLink System-Wide Security Assessment – Phase 2 – This element involves developing a strategic safety and security strategy for the MetroLink system, based on the recommendations prepared in the Phase 1 assessment study. The study will conclude with an implementation framework and a specific implementation plan.

Section 5310 Coordinated Human Services Transportation Planning – A federal requirement is that metropolitan areas create and maintain a coordinated plan for transportation services to transit-dependent populations. The plan was first developed in FY 2009 and was updated in early FY 2017. The element focuses on managing and updating that plan and distributing

information on its requirements to agencies and organizations involved in providing paratransit services.

Transportation Corridor and Subarea 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 conduct such studies or participate in corridor/environmental studies sponsored by other agencies.

Long-Range Transportation Planning – According to federal law, every four years the Council must update its metropolitan (long-range) transportation plan. The plan was updated in FY 2019. This element identifies the tasks the Council will undertake to develop the multi-year process required to update the plan, initiate a scenario planning process, and monitor the transportation system's performance and track the region's process in attaining the federally-required performance targets.

Summary of Estimated Costs for Functional Area:

2.11	Multimodal Transportation Planning	234,000
2.12	Great Streets Charrette – Illinois	113,930
2.12a	Illinois Great Streets Planning Initiative	395,100
2.13	Great Streets Initiative	677,998
2.14	MetroLink System-Wide Security Assessment Phase II	502,000
2.15	Section 5310 Coordinated Human Service Transportation Planning	103,100
2.17	Transportation Corridor & Subarea Planning-Missouri	190,000
2.19	Long-Range Transportation Planning	390,000
	TOTAL	**$2,606,128**

MULTIMODAL TRANSPORATION PLANNING
2.11

Activities:

1. **Accessibility Planning**

   a. Consult and coordinate with mobility impaired advocates to develop funding and project approaches that address access issues.

   b. Provide technical assistance to local sponsors developing projects that enhance accessibility for senior and disabled populations for TIP funding consideration.

   c. Create and provide accessibility educational / informational materials, as needed.

2. **Bicycle and Pedestrian Planning**

   a. Organize regular meetings of and provide staff support to the Bicycle and Pedestrian Advisory Committee (BPAC) and BPAC Gateway Bike Plan – Working Group.

   b. Maintain inventory of local bikeway plans and recommended facilities to support regional bicycle planning efforts.

   c. Implement appropriate strategies from the regional bicycle/pedestrian plan and Gateway Bike Plan.

   d. Promote bicycle and pedestrian facility design "best practices" through FHWA and NACTO recommended design resources. Support "best practices" efforts through education, outreach, and bicycle and pedestrian project evaluation criteria.

   e. Maintain and update inventory of existing bicycle network in GIS for use in various transportation studies and reports.

   f. Work with local agencies to share information regarding the number of persons using the region's bicycle/pedestrian network. Provide count information to local governments.

   g. Provide technical assistance to local sponsors developing bicycle, pedestrian, and Safe Routes to Schools projects and applications for TIP funding consideration.

   h. Review and evaluate bicycle and pedestrian projects submitted for TIP funding consideration.

   i. Participate in local bicycle and pedestrian committees: the St. Louis Bicycle Implementation Group, Bike Share Working Group, St. Louis County Complete Streets Peer Advisory Committee, etc.

j. Identify and/or host bicycle and pedestrian training workshop. *(Staff and consultant)*

k. Create and provide bicycle/pedestrian educational / informational materials and content for East-West Gateway's website, as needed.

3. **Intermodal Freight Planning**

a. Provide staff support for the St. Louis Regional Freightway (Bi-State Development Agency).

b. Partner with the St. Louis Regional Freightway to determine the feasibility of establishing a data clearing house for real-time freight data and other freight-related data elements.

c. Work with the City of St. Louis to determine the feasibility of a Downtown St. Louis Central Business District (CBD) Loading Zone / Curbspace Management Plan.

d. Continue the process of disseminating the findings and recommendations included in the St. Louis Regional Freight Study and work with the St. Louis Regional Freightway to implement when possible.

e. Maintain the Regional Freight GIS Inventory/Warehouse.

f. Refine the initial baseline assessment of the twenty-three Industrial Site Areas identified in the St. Louis Regional Freight Study.

g. Provide technical assistance to local sponsors developing freight projects and applications for TIP funding consideration.

h. Provide assistance to state DOT's on regional freight needs, including presentations for DOT sub-groups and affiliated associations.

i. Identify and/or host freight training workshops on topics including land use planning, economic development, sustainability, and big data.

j. Create and provide intermodal freight educational / informational materials, as needed.

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.).

MULTIMODAL TRANSPORATION PLANNING
2.11

Products/Outcomes:

A. Technical assistance to local sponsors developing bicycle, pedestrian, Safe Routes to School, ADA compliance, and paratransit projects for TIP funding consideration *(ongoing)*

B. Agendas, presentations, and proceedings for Bicycle and Pedestrian Advisory Committee (BPAC) meetings and BPAC Gateway Bike Plan – Working Group *(ongoing)*

C. Updated bicycle inventory database / GIS data of the existing and recommended bicycle network for the region *(ongoing)*

D. Training to local governments on bicycle and pedestrian facility typologies and elements *(annually)*

E. Technical assistance to local sponsors developing freight projects for STP funding consideration (*ongoing*)

F. Regional Freight GIS Inventory/Warehouse Database *(ongoing)*

G. Updated Inventory Assessment of the twenty-three Industrial Site Areas identified in the St. Louis Regional Freight Study *(ongoing)*

H. Educational resources for and outreach to promote the St. Louis Regional Freightway *(ongoing)*

I. Presentations and workshops as requested by local representatives *(ongoing)*

J. Special reports relating to local planning studies, needs/issue assessments, or technical assistance, as needed *(ongoing)*

K. Responses to information requests, as needed *(ongoing)*

MULTIMODAL TRANSPORATION PLANNING
2.11

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	$147,551
IDOT	49,608
Subtotal	$197,159

Local:

EWG	$24,439
IDOT	12,402
Subtotal	$36,841
TOTAL	$234,000

Budget Summary by Activity

Sub-Element	*Amount*
1	$9,233
2	$88,762
3	$104,828
4	$31,177
Total	$234,000

GREAT STREETS CHARRETTE - ILLINOIS
2.12

Activities:

1. Participate in implementation efforts for previously planned Great Streets projects in Illinois.

2. Conduct project selection activities for FY 2020 project(s).

3. Conduct project selection activities for possible FY 2021 project(s).

4. Create and provide program / project educational / informational materials, as needed.

5. Provide technical support for similar or like efforts as requested.

Products/Outcomes:

A. Solicitation for, and review of project applications for project(s) to be conducted in FY 2020 and FY 2021, if required (*August 2019*)

B. Selected project, refined project scope, and consultant selected (*November 2019*)

C. Completed plan process and document(s) *(June 2020)*

Estimated Costs:

Federal:

Trans Planning Funds

IDOT	$91,144
Subtotal	$91,144

Local Funds

IDOT	$22,786
Subtotal	$22,786
TOTAL	$113,930

ILLINOIS GREAT STREETS PLANNING INITIATIVE
2.12a

Activities:

1. 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.

2. Review project applications and select one or more projects to advance through planning, work with the selected project sponsor(s) and peer agencies to refine the scope of work for the project(s).

3. In cooperation with the project sponsor, conduct the consultant selection process.

4. Conduct the project(s) planning process and administer / manage consultant work and contract(s) during the process. *(Staff and consultant)*

5. Create and provide program / project educational / informational materials, as needed.

Products/Outcomes:

A. Educational resources for community outreach and partnership activities *(ongoing)*

B. Select project, refine project scope, and consultant selection *(May 2019)*

C. Complete FY 2019/FY 2020 Great Streets planning process and documents *(May 2020)*

Estimated Costs:

Federal:

FHWA SPR

IDOT	$316,080
Subtotal	$316,080

Local:

EWG	$17,714
City of Alton	$61,306
Subtotal	$79,020
TOTAL	$395,100

GREAT STREETS INITIATIVE
2.13

Activities:

1. Continue to support implementation efforts of previously planned projects; review project planning, design, and engineering activities for consistency with Great Streets principles; assist communities in developing multi-jurisdictional agreements, district plans, and construction projects in previously planned Great Streets corridors; support implementation funding efforts of the various project sponsors.

2. Review project planning, design process, and built project performance for lessons learned.

3. 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.

4. Select one or more projects to advance through planning, work with the selected project sponsor(s) and peer agencies to refine the scope of work for the project(s), and conduct the consultant selection process.

5. Conduct the project(s) planning process and administer / manage consultant work and contract(s) during the process. *(Staff and consultant)*

6. 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.

7. Maintain and update Great Streets Initiative content on the Council website and the web-based digital design guide, as appropriate.

8. Provide Great Streets-related technical support for the OneSTL implementation effort, if needed.

9. Conduct project selection activities for possible FY 2020 and FY 2021 project(s).

10. Create and provide program / project educational / informational materials, as needed.

GREAT STREETS INITIATIVE
2.13

Products/Outcomes:

A. Continued review of lessons learned from previous demonstration projects *(ongoing)*

B. Educational resources for community outreach and partnership activities *(ongoing)*

C. Selected FY 2020 project, refined project scope, and consultant selected *(March 2019)*

D. Completed FY 2020 Great Streets planning process and documents *(June 2020)*

E. Solicitation for and review of project applications for project to be conducted in FY 2021, if required *(June 2020)*

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	$542,398
Subtotal	$542,398

Local:

EWG	$35,600
TBD	100,000
Subtotal	$135,600
TOTAL	$677,998

Activities:

1. Develop and implement a stakeholder and partner engagement process to ensure involvement and input from the private sector, partner agencies, and relevant institutions. Manage partner collaboration. *(Consultants)*

2. Establish safety and security vision and objectives collaboratively with Metro and their safety and security partners. *(Consultants)*

3. Prepare a comprehensive framework under which plans, policies, and procedures are integrated for safety, security and emergency management. *(Consultants)*

4. Develop a security plan for Metro that clearly defines goals, roles, policies, procedures, and training. This plan will be developed in partnership with entities who work with Metro to ensure a safe and secure system. Additionally, review Metro's Safety and Emergency Management plans, policies and procedures to determine where they integrate with the security component, and identify areas that may need to be improved. *(Consultants)*

5. Develop a proactive communication protocol for the comprehensive safety, security, and emergency management framework. *(Consultants)*

Products/Outcomes:

A. Stakeholder and partner engagement and collaboration activities *(ongoing)*

B. Safety and security vision and objectives (*Winter 2019)*

C. Comprehensive safety, security and emergency management framework *(Fall 2019)*

D. Security Plan *(Spring 2020)*

E. Proactive communication protocol *(Spring 2020)*

Estimated Costs:

Federal:

Section 5307 funds

FTA**	$401,600
Subtotal	$401,600

Local:

BSDA	$100,400
Subtotal	$100,400
TOTAL	$502,000

** *CFDA 20.507*

SECTION 5310 COORDINATED HUMAN SERVICE TRANSPORTATION PLANNING 2.15

Activities:

1. Update the Coordinated Human Services Transportation Plan (CHSTP).

2. Manage and maintain the Section 5310 Program Management Plan (PMP).

3. Comply with Section 5310 program responsibilities, as outlined in the Section 5310 Memorandum of Understanding (MOU) and PMP.

4. Conduct a project solicitation, evaluation, and selection process for Section 5310 funds as identified in the CHSTP.

5. Monitor the implementation and performance of projects utilizing Section 5310 funding.

6. Communicate and disseminate the CHSTP to the target communities and government, not-for-profit, and for-profit agencies in the region who serve persons eligible for services under the Section 5310 program. Provide technical assistance to these agencies, as needed, to make certain that projects they propose for funding are consistent with the CHSTP.

7. Respond to questions related to the CHSTP, the project solicitation process, and funding, as needed.

8. Provide technical assistance, including paratransit funding workshop and grant assistance to local sponsors.

9. Educate local sponsors on mobility management activities and benefits.

10. Create and provide program / project educational / informational materials, as needed.

Products/Outcomes:

A. Notifications sent to eligible Section 5310 applicants of solicitation and funding availability *(Fall 2019)*

B. Technical assistance, including paratransit funding workshop and grant assistance to local sponsors *(ongoing)*

C. List of priority projects funded using Section 5310 funds for inclusion into the TIP *(Winter 2020)*

D. Updated CHSTP *(June 2020)*

E. Completed tracking of Section 5310 project implementation in conjunction with MoDOT and Bi-State Development *(ongoing)*

Estimated Costs:

Federal:

Section 5310 funds

FTA**	$103,100
Subtotal	$103,100
TOTAL	$103,100

** *CFDA 20.513*

TRANSPORTATION CORRIDOR & SUBAREA 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, including the Route N Environmental Assessment; 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. Assume the lead role in conducting corridor planning and environmental studies, as warranted; conduct procurement and consultant selection processes, if required; manage planning work and administer consultant contracts.

5. Provide land use and demographic data, demand forecasts, or model sets to planning partners or consultants to support corridor studies.

6. Provide management assistance and technical support for any corridor, subarea, transit-oriented development (TOD), or transit-related studies as appropriate; work with regional peer planning agencies to support advisory committee and community engagement activities as needed; review and approve technical work and project documentation.

7. Present any results of corridor studies to Executive Advisory Committee (EAC) and Board of Directors and other parties for informational purposes or endorsement/approval, as appropriate.

8. Create and provide program / project content educational / informational materials, as needed.

Products/Outcomes:

A. Corridor evaluations and study priorities *(ongoing)*

B. Travel demand forecasts and other data products for planning partners *(ongoing)*

C. Coordination meetings with cooperating agencies and participation in advisory committee and public meetings *(ongoing)*

D. Review and comment on technical work, documentation, and draft/final reports, as necessary *(ongoing)*

E. Manage planning studies and consultants, as required *(ongoing)*

F. Presentations to EAC, Board of Directors, and interested parties *(ongoing)*

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	$163,002
Subtotal	$163,002

Local:

EWG	$26,998
Subtotal	$26,998
TOTAL	$190,000

LONG-RANGE TRANSPORTATION PLANNING
2.19

Activities:

1. Develop multi-year schedule for the next update of the Metropolitan (Long-Range) Transportation Plan (MTP) and make presentations on the newly completed plan.

2. Consult with regional transportation planning partners regarding long-range planning needs, policies, and programs

3. Refine the planning framework based on changes in federal legislation (e.g. FAST Act or reauthorization), as well as state and local conditions.

4. Continue implementation of a performance management program based on federal legislation and guidance.

5. Establish or update, as applicable, FAST Act performance targets through data collection and coordination with IDOT, MoDOT, and other planning partners.

6. Research best practices used by other metropolitan areas to develop and communicate long-range transportation plans, including visualization methods and use of new technologies, and apply where applicable.

7. 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.

8. Participate in relevant agency and partner initiatives and projects, such as those related to freight, sustainability, economic development, and bicycle/pedestrian and incorporate into the MTP process where applicable.

9. Participate in statewide planning, performance management, and project priority setting processes in both Illinois and Missouri.

10. Maintain agency-wide database to include current data necessary to support evaluation of transportation system performance.

11. Continue to refine performance management framework to integrate management and operations, ITS, transit, bicycle, pedestrian, accessibility, paratransit, safety, freight, economic development, climate change impacts, and sustainability issues.

12. Develop a periodic system performance report, including performance target setting as applicable, for the MTP in consultation with federal and state partners.

13. Participate in AMPO working groups, committees, symposia, and conferences dedicated to long-range transportation planning, performance management, emerging transportation technologies and other areas of importance to East-West Gateway.

14. Create and provide program / project educational / informational materials, as needed.

15. Develop a scenario planning process to analyze likely future land development patterns and travel behaviors and to evaluate the performance of alternative land use scenarios and transportation investments to help guide policy discussions

16. Initiate a scenario planning process by identifying potential types of scenarios to further investigate, based on internal discussions and consultations with stakeholders outside of East-West Gateway.

Products/Outcomes:

A. Metropolitan Transportation Plan development schedule (December 2019)

B. Scenario Planning work plan (Spring 2020)

C. Annual system performance report (June 2020)

D. MTP related presentations to Board, EAC, and supporting committees *(ongoing)*

E. Consultation and coordination meetings with transportation planning partners (ongoing)

F. Data necessary to support MTP update and ongoing performance measurement program *(ongoing)*

G. Performance management program *(ongoing)*

H. FAST Act Performance target setting *(ongoing)*

I. Refined planning framework and analytical/evaluation methods for evaluating transportation needs and the broader economic, community, and ecological impacts of alternative transportation investments *(ongoing)*

J. Presentations to interested groups and agencies *(ongoing)*

K. Public engagement related to MTP update *(ongoing)*

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	$245,919
IDOT	82,680
Subtotal	$328,599

Local:

EWG	$40,731
IDOT	20,670
Subtotal	$61,401
TOTAL	$390,000

REGIONAL DEVELOPMENT AND SUSTAINABILITY

Background

Sustainability is about creating integrated and collaborative approaches to promote development of a prosperous, healthy and vibrant region. The elements in this category contribute to sustainable practices or an assessment of the impacts of regional development, with special consideration given to the relationship between transportation investment and development. The nine elements covered in this category concentrate on at least one of the following: examining the specific impacts of infrastructure investment on the natural environment; focuses on air quality issues and water quality planning; or involves providing support and planning capacity among local governments to improve 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 is important to long-range transportation planning and represents a 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.

Southwestern Illinois Flood Prevention District Management – This project provides management staff for the Southwestern Illinois Flood Prevention District Council to oversee the reconstruction of the flood protection systems along the Mississippi River in the Illinois counties of Madison, St. Clair and Monroe.

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 marginal 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 Transportation Improvement Program and the long-range transportation plan will continue in FY 2020. 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). The Ozone Data Sharing work is included in program and serves as a clearinghouse for daily measured ozone information and facilitates the sharing of air quality information between the Missouri Department of Natural Resources (MoDNR), Illinois EPA (IEPA), U.S EPA and other partnering 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. The AQI color-coded calendar will be posted on the EWG website.

Missouri Regional 208 Water Quality Management Planning CWA 604(b) Program – 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 for the five Missouri Counties, and is responsible for developing the region's area wide Water Quality Management Plan. 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 work with local government and sewer district officials to conduct a limited review and update 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. This element describes the need to support water quality management and planning, monitoring and other activities carried out by regional planning agencies and focuses on working with community leaders on water quality management planning and feasibility studies related to infrastructure needs and priorities pursuant to the Clean Water Act (CWA)

Watershed Planning – (Water Quality Coordination) – Since the adoption of the original Section 208 Plan, the agency has undertaken projects to implement the recommendations of the Plan, conduct planning studies and provide technical assistance to local communities. Pursuant to various EPA and state resource agency funding and other cost sharing programs staff will maintain continuity of effort with regional watershed planning efforts and provide planning assistance to projects identified in the Lower Meramec Watershed Management Plan. Staff also provides assistance to member communities who desire to develop watershed management plans and storm water best practices.

Community Building – Staff receives requests from local governments and regional partners for planning assistance on 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, development, and best management practices and provides partnership opportunities from both the public and private sectors and work together through the Regional Water Resources Committee on water quality planning, storm water and flood plain management issues. Community building involves expanding upon the priorities in OneSTL, the region's plan for sustainable development, building collaborative networks, inter-departmental cooperation 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.

Updating 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 2010 and 2015. 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 work with communities to update the plan in FY 2020.

Nutrition Incentive Program - This element reflects an outreach effort to local communities to communicate an innovative program that will get more fresh fruits and vegetables onto the tables of thousands of the most vulnerable residents in urban and rural communities. This program is improving access to fresh, healthy foods using Supplemental Nutrition Assistance Program (SNAP) incentives to help break the cycle of food insecurity, poverty and diet-related disease.

Solid Waste Recycling & Food Waste Reduction - This project entails conducting an analysis of existing food waste diversion strategies in the region and update content on OneSTL's website toolkit as a primary source for information on recycling and waste diversion.

Summary of Estimated Costs for Functional Area:

2.21 Ecological Approach to Infrastructure Development	$136,000
2.25 Southwestern Il Flood Prevention Dist. Management	215,700
2.32 Air Quality Coordination	80,270
2.34 Missouri Regional 208 Water Quality Management Planning	24,500
2.35 Watershed Planning – Lower Meramec (Water Quality Coordination)	125,000
2.38 Community Building	452,000
2.39 Updating the All Hazard Mitigation Plan – Missouri	83,450
2.45 Missouri Nutrition Incentive Program	22,000
2.47 Solid Waste Recycling & Food Waste Reduction	16,667
Total	**$1,155,587**

ECOLOGICAL APPROACH TO INFRASTRUCTURE DEVELOPMENT
2.21

Activities:

1. Continue advancing the regional environmental framework (REF) to support integration of an ecological planning approach into transportation planning 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. Based on the REF, identify regional mitigation, conservation and restoration priorities amidst regulatory requirements and programmatic implementation opportunities that will lead to the achievement of greater environmental benefits and cost savings in the transportation planning process. Continue to incorporate ecological data sets within the short-range and long-range transportation planning processes.

3. Consult with federal, state, and local natural resource management, regulatory agencies and regional stakeholders with common resource conservation and sustainable development goals on the region's conservation opportunity areas, look for enhanced connectivity opportunities, and update the regional data layer as appropriate to reduce environmental impacts by avoiding impacts during the transportation planning process and identify key areas to mitigate unavoidable environmental impacts.

4. Meet with local, regional, state, and federal agencies to collaborate about refined strategies and policies for wetlands conservation and restoration practices in order to coordinate use of ecological datasets and wetlands data layers in current planning practices and determine how changes to strategies or policies may affect updates to the datasets.

5. Meet with local, regional, and state agencies to educate each about the ecological datasets, demonstrate how the agencies can use the datasets in planning activities to ensure local projects are implemented with lower levels of environmental impacts, and encourage/facilitate the integration of the datasets into the agency's planning practices.

6. Collect data and information from local, state, and federal agencies that will be used to update the geodatabase of ecological datasets.

7. Update, manage, and distribute a geodatabase of ecological datasets.

8. Share informational material with local, regional, and state agencies about the ecological datasets, wetlands data layers, and how to integrate the data into planning practices.

ECOLOGICAL APPROACH TO INFRASTRUCTURE DEVELOPMENT
2.21

Products/Outcomes:

A. Informational sessions and collaboration / coordination meetings with local, regional, state, and federal agencies about refined strategies and policies for wetlands conservation and restoration practices (*ongoing*)

B. Updated geodatabase of ecological datasets *(ongoing)*

C. Web page containing informational / educational materials for local, regional, and state agencies about the ecological datasets, wetlands data layers, and how to integrate the data into planning practices *(ongoing)*

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	$85,756
IDOT	28,832
Subtotal	$114,588

Local:

EWG	$14,204
IDOT	7,208
Subtotal	$21,412
TOTAL	$136,000

SOUTHWESTERN ILLINOIS FLOOD PROTECTION INITIATIVE
2.25

Activities:

1. Provide staff support on an as-needed basis for the Southwestern Illinois Flood Prevention District Council to 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 *(ongoing)*

Estimated Costs:

Local:

Southwestern Illinois Flood Prevention Dist. Council	$215,700
Subtotal	$215,700
TOTAL	$215,700

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 state implementation plans (SIP).

2. Organize and provide staff support for regular monthly meetings of the Air Quality Advisory Committee (AQAC) and Inter-Agency Consultation Group (IACG) comprised of federal and state air quality management agencies. Also, facilitate other ad-hoc technical committees that may be required by the state and federal agencies in their on-going air quality planning efforts.

3. Monitor and research the implications of federal and state air quality regulations in relation to new ozone and $PM_{2.5}$ NAAQs (National Ambient Air Quality) standards and evaluate the region's progress in meeting air quality goals.

4. On an as-needed basis, assist the IEPA and MoDNR in the assessment and collection of greenhouse emissions data and policy information.

5. Collaborate and facilitate with the Inter-Agency Consultation Group in the preparation of transportation air quality conformity determinations and findings.

6. Collaborate with transportation and environmental organizations to promote public awareness of air quality issues and conformity findings via AQAC, presentations, electronic notifications and the EWG website.

7. Act as a repository for daily measured ozone data gathered by participating agencies from their pollutant monitor systems during the ozone season (March 1 – October 31).

8. Facilitate the sharing of ozone air quality information between MoDNR, IEPA, EPA Regions V and VII, and other partner agencies.

9. Collect, rectify, quality assure and tabulate data to create a uniform and single data set of ozone monitoring information; maintain and manage database; and interpret data and create specific charts and regular reports for the partner resource agencies.

10. Distribute information to participating agencies via email postings on the EWG website, and electronic weekly and monthly reports.

11. Maintain the ozone data on the EWG website.

12. Calculate AQ Index from ozone data and construct monthly AQI color-coded calendars.

AIR QUALITY COORDINATION
2.32

Products/Outcomes:

A. Agendas, presentations, and proceedings for air quality committees, subcommittee, and consultation group meetings *(ongoing)*

B. Updated technical work and files on all transportation control measure-related SIP and Conformity Determination issues and updates *(ongoing)*

C. Website updates to reflect outcomes from AQAC and IACG meetings (as needed, ongoing)

D. Weekly, monthly and special reports on ozone concentrations to participating agencies *(ongoing)*

E. Web-based, color-coded calendar, which graphically displays the AQI ozone data on a monthly basis for the ozone season *(July 1, 2019 to October 31,2019 and March 1, 2020 to June 30, 2020)*

F. An ozone database and updated postings on the EWG website *(ongoing)*

Estimated Costs:

Federal:

EPA

EPA / MoDNR FY19/FY20	$21,064
EPA/IEPA FY20	35,000
Subtotal	$56,064

State:

MoDNR FY19/FY20	$24,206
	24,406
TOTAL	$80,270

MISSOURI REGIONAL 208 WATER QUALITY MANAGEMENT PLANNING
2.34

Activities:

1. Continue working with all regional stakeholders and local governments in the five Missouri counties to provide information on sewer and sewage treatment facility planning.

2. Meet with municipal and county governments and sewer districts on the status of their wastewater management and water quality activities.

3. Work with Missouri Department of Natural Resources to identify priorities to meet the anticipated needs of the region for the next 20 year period.

4. Provide general planning and education for communities for non-point source pollution, sludge, stormwater, watershed protection and other activities.

5. Facilitate intergovernmental cooperation for wastewater facility planning in the region.

6. Work with community leaders on water quality management planning and feasibility studies.

7. Prepare green infrastructure plans, including types of best practices, recommended locations and funding strategies

8. Support local communities in assessing and identifying their infrastructure needs and priorities.

Products/Outcomes:

A. Updated information stored in GIS and digital maps *(ongoing)*

B. Briefing papers and reports, power point presentations, and GIS products, which illuminate and support regional water quality issues *(ongoing)*

C. Feasibility or pre-feasibility study scope of work that supports communities seeking to improve water quality and protect human health *(June 2020)*

Estimated Costs:

Federal:

EPA 604(b)

MoDNR – FY 20	$24,500
Subtotal	$24,500
TOTAL	$24,500

WATERSHED PLANNING – LOWER MERAMEC
(WATER QUALITY COORDINATION)
2.35

Activities:

1. Monitor implementation of the nine-element 2017 Lower Meramec River Watershed Plan and identify specific priority projects for short term and mid-range implementation and provide technical assistance to partners with implementation projects.

2. Coordinate activities and planning with partner agencies and organizations to secure funding to implement the Lower Meramec Watershed Plan.

3. Meet with local government officials in Franklin, Jefferson and St. Louis County, regarding Meramec River watershed issues, and obtain input to the plan and implementation.

4. Administer the Lower Meramec Riparian Restoration Demonstration Project, including the administration of funds and grant compliance, outreach activities, and sustaining relationships with partnering entities for demonstration project implementation, as well as documenting operation and maintenance.

5. Implement an information, education, and outreach program that facilitates understanding of and involvement in watersheds, and provide technical assistance for information and outreach activities to help inform and provide a "hands on" experience with the elements involved in the implementation of the demonstration project for the Lower Meramec.

6. Develop and share project outcome information with interested regional and state partners.

7. Determine the feasibility of developing a program to assist interested homeowners in repairing or replacing their septic systems, or tying on to MSD lines, through homeowner surveys and outreach.

8. Conduct research to: establish residences with septic systems in identified critical areas within Kiefer Creek watershed; methods and costs of septic repair, replacement, and sewer line attachments; and identify potential funding assistance for same.

9. Develop materials for an educational program targeting residents with information about maintaining effective working septic systems.

Products/Outcomes:

A. Reports summarizing implementation progress and bacterial load reductions based on projects included in the 2017 Lower Meramec Watershed Plan. *(June 2022)*

B. Documentation of partner efforts on stream bank stabilization / restoration and control of invasive species. *(June 2022)*

C. Project outcome materials outlining procedures of the project with outcomes with the intent of providing a blueprint for similar projects in the Lower Meramec watershed and other riparian areas. *(June 2022)*

D. Increased awareness of citizens concerning water quality and habitat restoration activities in the Lower Meramec watershed. *(ongoing)*

E. Summary document highlighting conclusions and recommendations of future actions from Kiefer Creek feasibility project. *(February 2022)*

F. Comprehensive map and data points documenting current Metropolitan St. Louis Sewer District (MSD) lines and distances and number and general locations of septic systems in critical areas of the Kiefer Creek watershed. *(February 2022)*

G. Homeowner education materials developed and distributed for septic system care and maintenance in the Kiefer Creek watershed and as applicable in the region. *(ongoing)*

Estimated Costs:

Federal:

EPA

MoDNR	$75,000
Subtotal	$75,000

State:

MoDNR	$50,000
Subtotal	$50,000
TOTAL	$125,000

COMMUNITY BUILDING
2.38

Activities:

1. Assist in coordinating organizational support and development for member communities through local symposia, conferences, workshops, and field events on a wide variety of land-use and transportation issues related to developing prosperous, healthy, resilient communities throughout the metropolitan region.

2. Foster collaboration by working with local governments, state and federal agencies, local planning organizations, business partners, and academic institutions to address local and regional planning issues that better prepare communities to plan for transportation needs.

3. Support combined efforts of planning departments, transportation departments, and water resource management agencies to incorporate goals of watershed planning to minimize stormwater runoff and advance more cost effective transportation infrastructure planning activities.

4. Host the Water Resources Committee to provide coordination and facilitation of regional water resources issues, as related to transportation and economic development and provide information to local governments, transportation departments, sewer districts and interested citizens.

5. Respond to special requests from member communities for assistance with research, planning, and public educational programs to address economic, transportation, environmental topics.

6. Work with OneSTL partners on initiatives that address the interrelated needs of transportation infrastructure, water infrastructure, sanitary sewers, stormwater, flood mitigation, water quality, parks, trails, greenways, active living/healthy lifestyles and biodiversity.

7. Collaborate with fellow EWG staff on implementation opportunities for OneSTL goals and initiatives that address the transportation planning process and research priorities.

8. Through ongoing maintenance and use of the OneSTL website and toolkit of best management practices, share information about best practices, important trends, legislative issues, grants and initiatives related to transportation, land use, water and air quality, and development of healthy communities.

9. Maintain ongoing collaboration with local and regional partners to improve communications and understanding of federal, state, and local regulations related to local and regional planning in the interrelated disciplines of transportation infrastructure, water infrastructure and local government planning.

10. Conduct project intergovernmental reviews as required by state and federal agencies and provide project review information for the Board of Directors.

COMMUNITY BUILDING
2.38

Products/Outcomes:

A. Responses to member communities and regional partners who seek planning, research and problem solving assistance on local and regional planning topics *(ongoing)*

B. Conferences, symposia, and workshops for local government staff and elected officials that focus on land use and transportation issues *(ongoing)*

C. Meeting facilitation, data assembly and analysis related to the implementation of OneSTL initiatives (*ongoing*)

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	$285,013
IDOT	95,824
Subtotal	$380,837

Local:

EWG	$47,207
IDOT	23,956
Subtotal	$71,163
TOTAL	$452,000

UPDATING THE ALL HAZARD MITIGATION PLAN
FOR THE MISSOURI PORTION OF THE REGION
2.39

Activities:

1. Review and revise the St. Louis Regional Hazard Mitigation Plan to reflect changes in development, progress in local mitigation efforts, and changes in priorities.

2. Continued participation in the SEMA / FEMA and Missouri Association Council of Governments coordinated effort to maintain the St. Louis Regional Hazard Mitigation Plan for the Missouri portion of the St. Louis region pursuant to the Disaster Mitigation Act of 2000.

3. Review and monitor hazard mitigation actions, grants, and the regulatory environment.

4. Monitor and review new and additional data and maps relating to hazard vulnerability and specific mitigation projects.

5. Respond to inquiries from participating communities, school districts, and community college districts on mitigation inquiries and ideas.

6. Work closely with SEMA, FEMA 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. Complete draft plan update (*January 2020*); and final plan (*May 2020*)

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	$62,587
Subtotal	$62,587

Local:

EWG	$20,863
Subtotal	$20,863
TOTAL	$83,450

Activities:

1. Identify key community organizations within the geographic area where the Food Incentive program is being implemented, i.e. school districts, community centers, libraries, clinics, low income housing, social service agencies, etc.

2. Obtain contact information for input into a communications plan regarding community communication outlets that are important targets to reach SNAP customers.

3. Work with community organizations and project partners to distribute fliers and other communication products to SNAP customers.

4. Attend meetings of and present Food Incentive program information to key community partners, as needed.

5. Prepare reports documenting outreach activities.

Products/Outcomes:

A. Updated list of organizations to which to coordinate and distribute information included in the St. Louis specific communications distribution plan as program expands to additional stores and farmers markets *(August 2019)*

B. Reports documenting outreach activities *(ongoing)*

Estimated Costs:

Federal:

USDA/Mid-America Regional Council (MARC)	$19,800
Subtotal	$19,800

Local:

EWG	$2,200
Subtotal	$2,200
TOTAL	$22,000

SOLID WASTE RECYCLING AND FOOD WASTE REDUCTION
2.47

Activities:

1. Update Sustainable Solutions toolkit with expanded information on recycling and waste reduction and adjust tools as necessary to reflect recycling market changes.

2. Update web resources as appropriate with available information on recycling and waste reduction.

3. Research and document barriers to food waste diversion in the region and provide report on same.

Products/Outcomes:

A. Updated toolkit and web resource information. *(June 2020)*

B. Report summarizing regional barriers to food waste diversion. *(June 2020)*

C. Information for participating partners and communities regarding recycling, waste reduction, and food waste diversion. *(ongoing)*

D. Increased awareness of citizens concerning regional recycling and waste reduction options. *(ongoing)*

Estimated Costs:

St. Louis – Jefferson Solid Waste Management District:

State:

SWD	$15,000
Subtotal	$15,000

Local:

EWG	$1,667
Subtotal	$1,667
TOTAL	$16,667

REGIONAL SECURITY

Background

St. Louis Area Regional Response System (STARRS) is a consortium of key public and private organizations that has been organized to address critical security needs in the region. With East-West Gateway as the fiscal agent for STARRS, a partnership was created that 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.

While local governments in the St. Louis area have cooperated for decades on issues related to regional development, transportation, and environmental policies and programs, the history of region-wide collaboration on emergency preparation and response is more recent, less formal and largely untested. The region faces challenges in collaborating effectively on emergency preparedness. These challenges are due to several factors. First, the geopolitical nature of the region is complex: 200 + municipalities with myriad fire department and fire protection districts, law enforcement agencies, and hospital systems serving urban, suburban, and rural communities spanning two states and two separate Federal Emergency Management Agency regions (region V in Illinois and region VII in Missouri). Second is the fact that St. Louis has been fortunate thus far in not experiencing a major catastrophe that both cuts across jurisdictional boundaries and causes significant loss of life and economic damage. Individual jurisdictions are well prepared to handle disasters within their borders, and even assist one another through mutual aid as long as the system is not stressed to the breaking point. 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.

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 projects that will be part of the agency's work in FY 2019 are the continued update of the St. Louis Regional Threat and Hazard Identification and Risk Assessment (THIRA) and the Multi Year Training & Exercise Plan and the development of the St. Louis Regional Health Care Coalition Emergency Response Plan. When completed, the response plan will integrate the region's individual hospital plans with regional and state emergency response plans and serve as the overall St. Louis Regional Health Care Coalition Response Plan, which includes all healthcare systems, agencies or organizations that provide healthcare during an emergency.

This includes emergency management, emergency medical services (EMS), fatality management, hospitals and local public health agencies.

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

St. Louis Area Regional Response System Support – The Council receives funding from the St. Louis Metropolitan Hospital Council to conduct activities for the STARRS program. The funding supports various administrative tasks performed by Council staff for STARRS. In addition, the funding will also support the St. Louis Regional Healthcare Coalition initiatives which include planning, training and excises.

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, local public health agencies and general healthcare facilities in the St. Louis region in planning, preparing for, and responding 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 the region's healthcare agencies' 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.

Complex Coordinated Terrorist Attack Grant Program – EWG receives funding from the Federal Emergency Management Agency / U.S. Department of Homeland Security to identify capability gaps related to preparing for, preventing, and responding to a complex coordinated terrorist attack, to develop and advance regional partnerships and whole community collaboration, to train personnel and the whole community to implement the plans and processes and build needed capabilities, and conduct exercises to test capabilities and identify opportunities for additional corrective action.

Summary of Estimated Costs for Functional Area:

2.81 Urban Area Security Initiative		$5,801,716
2.86 St. Louis Area Regional Response System Support		7,500
2.88 Bioterrorism Preparedness for Hospitals		350,000
2.90 Complex Coordinated Terrorist Attack Grant Program		526,778
	TOTAL	**$ 6,685,994**

Activities:

1. Continue working with regional subject matter experts from fire and law enforcement agencies, healthcare, public health, non-governmental organizations, and elected officials to update and maintain the regional emergency resource coordination plan for the St. Louis metropolitan region.

2. Perform system administration monitoring of the St. Louis Regional Digital Microwave Network across 70+ tower sites in the City of St. Louis, Jefferson, Madison, Monroe, St. Clair, St. Charles, and St. Louis Counties.

3. Support the critical incident response teams through the sustainment of seven hazardous materials teams, five heavy rescue teams, two ordinance disposal (bomb) teams, and seven law enforcement tactical operations units within the region.

4. Enhance healthcare capability to handle mass casualties and infectious disease outbreaks with sheltering equipment, medical supplies, decontamination equipment, and training.

5. Enhance law enforcement intelligence sharing while working with the St. Louis Regional Fusion Center and Terrorism Early Warning Unit in support of local law enforcement and other agencies in the use of law enforcement intelligence bulletins distributed 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.

8. Purchase capital equipment and services to support the implementation of plans.

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. Training exercises to test the validity and reliability of homeland security plans *(ongoing)*

D. Seamless regional data files (i.e. addressable centerlines, orthoimagery) distributed to emergency service providers *(ongoing)*

Estimated Costs:

Federal:

DHS

MO OHS FY19	$2,835,000
MO OHS FY18 / FY17 / FY16 (carryover)	2,966,716
Subtotal	$5,801,716
TOTAL	$5,801,716

ST. LOUIS AREA REGIONAL RESPONSE SYSTEM SUPPORT
2.86

Activities:

1. Administrative support of the St. Louis Area Regional Response System (STARRS) programs, including Board meetings, committee meetings and other STARRS-related functions.

2. Review of policies and procedures as they relate to STARRS, STARRS Board, Committees, and Sub-committees.

3. Accounting support of STARRS programs.

Products/Outcomes:

A. Agendas, presentations, minutes and proceedings for STARRS Board meetings *(ongoing)*

B. Financial document reconciliation for STARRS program *(ongoing)*

C. Revisions to policies and procedures as they relate to STARRS, STARRS Board, Committees and Sub-committees *(as needed)*

Estimated Costs:

Local:

STARRS	$7,500
Subtotal	$7,500
TOTAL	$7,500

Activities:

1. Establish and sustain a Healthcare Coalition (HCC) with a governance and coordination structure to support cooperation between individual hospitals and healthcare facilities during disasters and emergency events within the HCC boundaries.

2. Establish and sustain HCC committees and work groups consisting of the core partners of hospitals, emergency medical services (EMS), public health, emergency management, and fatality management.

3. Include members in the HCC from all healthcare facility and service types in planning, training, and exercise as well as event coordination and information sharing.

4. Develop, enhance, and test HCC preparedness, response, recovery, and continuity of operations (COOP) plans for all-hazard events. *(Staff and consultant)*

5. Prepare and update annually a hazard vulnerability assessment (HVA) for the HCC. Use the HVA to help determine resource needs and gaps. *(Staff and consultant)*

6. Develop, enhance, and sustain interoperable communications and information sharing systems to allow real time coordination between hospitals and other HCC partners responding to a medical surge event.

7. Develop a system for coordination of public messaging between HCC members throughout the region.

8. Assess and maintain an inventory of existing deployable and shareable healthcare and medical resources that allows deployment and maintenance tracking and management of shelf life and expiration dates.

9. Develop an HCC sustainment model for grant funded sharable and deployable resources.

10. Conduct a supply chain integrity assessment to evaluate equipment and supply needs that will be in demand during emergencies. Develop strategies to mitigate potential shortfalls.

11. Identify at risk populations and individuals who may have functional or access needs and require additional medical assistance during disaster or emergency events.

12. Develop and maintain a training and exercise program to address gaps identified in gaps analyses.

13. Support the integration of plans between hospitals and local public health, law enforcement, fire and emergency medical services agencies, as well as volunteer organizations.

14. Support hospitals' plans for enhancing surge capacity in patient care during a mass casualty incident.

15. Support hospitals' plans for enhancing surge capacity in mass fatality in a catastrophic incident.

16. Support the HCC in managing infectious disease patients.

17. Support HCC partners in addressing behavioral health needs associated with disasters for patients and staff.

18. Support HCC hospitals in increasing their capacity to treat patients with major trauma or burns.

19. Support HCC hospitals in increasing their capacity to receive, stabilize, and manage pediatric patients during a medical surge response.

20. Support regional healthcare partners in development of plans for distribution of medicine and medical supplies during a disaster event.

21. Enhance the hospitals' capability to provide decontamination of patients and health care personnel.

22. Continue building healthcare partnerships and coalitions with regional organizations, such as the Red Cross, Long Term Care Facilities, and governmental entities.

23. Purchase capital equipment and services to support the implementation of plans.

Products/Outcomes:

A. Purchase supplies and equipment to sustain and enhance medical surge capabilities for HCC partners *(ongoing)*

B. Develop and maintain all-hazard preparedness plans such as Regional Healthcare Coordination Plan / St. Louis Medical Operations Center, Alternate Care Sites Plan, Hospital Evacuation and Transport Plan, and Regional Mass Fatality Plans *(ongoing)*

C. Training and exercises to test the validity and reliability of existing plans and for capabilities such as hospital evacuation, alternate care sites, and decontamination *(ongoing)*

D. Continuing education programs and workshops for topics such as large incident regional healthcare coordination, pediatric surge, mass casualty due to terrorist attack, ambulance strike team leader certification, hazardous material decontamination procedures *(ongoing)*

Estimated Costs:

Federal:

ASPR/MoDHSS	$350,000
Subtotal	$350,000
TOTAL	$350,000

COMPLEX COORDINATED TERRORIST ATTACK GRANT PROGRAM
2.90

Activities:

1. Design and conduct a series of operational exercises that requires increasing levels of coordination among regional response agencies, requiring response agencies to establish a unified command and multiple area commands.

2. Develop a complex coordinated terrorist attack (CCTA) response plan that engages all appropriate regional partners, and includes matrices and field guides. *(Staff and consultant)*

3. Incorporate CCTA plan into planned and scheduled training courses.

4. Conduct a series of operational exercises that test and validate CCTA plan.

5. Conduct scenario-based workshops to develop protocols by discipline. *(Staff and consultant)*

6. Develop guides for use by front line personnel for integration of specialized teams. *(Staff and consultant)*

7. Develop guides, protocols and forms for intelligence information sharing to and from the fusion center to responders, and identify communication mechanisms to share information. *(Staff and consultant)*

8. Test newly developed guides, protocols and forms through training and exercises.

Products/Outcomes:

A. The Complex Coordinated Terrorist Attack Response Plan, designed as a result of various operational exercises and coordination with regional response agencies (*June 2020*)

B. Guides, protocols and forms for front line personnel for integration of specialized teams *(June 2020)*

C. Guides, protocols and forms for information sharing *(June 2020)*

Estimated Costs:

Federal:

DHS / FEMA	$526,778
Subtotal	$526,778
TOTAL	$526,778

POLICY

Total budgeted for this program area: $350,000

REGIONAL POLICY ANALYSIS

Background

The work elements organized under Regional Policy Analysis reflect the agency's commitment to better understand the region's social, economic and fiscal conditions as they pertain 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 struggle 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 are many critical issues that affect the region's overall sustainability and health. Research and policy work carried out by the agency draws upon information related to the region's current social, economic, and environmental conditions. In this way, the agency encourages serious dialogue regarding the
region's future, and the ways in which that future is influenced by the region's transportation system. 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 two 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, 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 RTP, 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 three 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 work with regional partners to track performance on addressing regional challenges and meeting the region's goals. Third, 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.

Summary of Estimated Costs for Functional Area:

3.01 Transportation Finance		$18,000
3.06 Regional Competitiveness		332,000
	Total	**$350,000**

TRANSPORTATION FINANCE
3.01

Activities:

1. Revise highway and transit funding models used to establish financial capacity for the RTP, TIP, and corridor studies.

2. Evaluate current funding data and trends.

3. Monitor federal and state funding initiatives and participate, where warranted, in state action on potential transportation funding initiatives; prepare informational materials and presentations on these programs and federal reauthorization.

4. Establish financial constraint for TIP and other planning initiatives.

Products/Outcomes:

A. Revised financial database and forecasting models *(ongoing)*

B. Reports or presentations on future transportation funding, alternative funding scenarios, and specific funding proposals *(ongoing)*

C. Financial constraint inputs for the TIP *(Spring 2020)*

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	$11,350
IDOT	3,816
Subtotal	$15,166

Local:

EWG	$1,880
IDOT	954
Subtotal	$2,834
TOTAL	$18,000

REGIONAL COMPETITIVENESS
3.06

Activities:

1. Continue to use and update *Where We Stand* information and data to identify issues critical to the fiscal, economic, and social well-being of the region.

2. Develop relevant and functional policy analysis products to facilitate regional discussions about these issues to support the transportation planning process.

3. Work with regional partners to: track performance on addressing regional challenges and meeting the region's goals; provide updated data and contextual information that enables regional and local leaders to understand the region's challenges and opportunities; and update the performance indicators used for measurement based on local knowledge and data availability.

4. Assemble data, issue reports and update agency webpage content on topics of regional significance.

5. Monitor and analyze federal and state statutes and regulations that affect the region.

6. Respond to inquiries and research requests from the Board and local governments.

7. Attend conferences and meetings that further the understanding of social and economic issues related to transportation planning in the region.

Products/Outcomes:

A. Research reports and presentations that illuminate research findings on issues of regional significance *(ongoing)*

B. Webpage and summary report on the region's status in meeting regional goals based on a set of performance indicators *(ongoing)*

C. Multiple data sets relating to issues of regional significance *(ongoing)*

D. Policy memos, webpage content, and briefings/blog posts highlighting regional issues *(ongoing)*

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	$209,346
IDOT	70,384
Subtotal	$279,730

Local:

EWG	$34,674
IDOT	17,596
Subtotal	$52,270
TOTAL	$332,000

COMMUNITY ENGAGEMENT AND LOCAL GOVERNMENT SERVICES

Total budgeted for this program area: $362,151

COMMUNITY ENGAGEMENT

Background

East-West Gateway staff members participate in numerous community engagement activities in order to better understand and represent the needs and concerns of regional citizens and our member governments and to engage citizens and local government officials 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 to ensure high levels of quality information and ample opportunities for meaningful involvement.

Presentation to the public and regional stakeholders of complex information is enhanced by the use of high quality visual presentation and informational videos assisted by the GIS staff, graphic design, and consultants when necessary. In addition, staff has integrated the use of 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 implement the agency's public involvement plan and 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. Community engagement staff will also work with specific program staff to develop and implement customized approaches to public engagement that fits the needs of the project/initiative.

A wide array of techniques and approaches are 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; and various informational brochures.
- Print Media.
- The Internet, e.g., www.ewgateway.org, other electronic media and visualization techniques.
- Social Media
- Informational Videos
- 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.

Summary of Estimated Costs for Functional Area:

4.01 Community Engagement – Public Involvement	$273,000
Total	**$273,000**

COMMUNITY ENGAGEMENT – PUBLIC INVOLVEMENT
4.01

Activities:

1. Implement the updated Public Involvement Plan (PIP) and track and evaluate plan effectiveness in EWG's transportation planning efforts.

2. Assist agency departmental program staff with the development of appropriate engagement strategies and formats and implementation of specifically targeted community engagement plans for agency projects including short-range and long-range transportation planning.

3. Disseminate information through regular publication of *Local Government Briefings.*

4. Create and identify new opportunities and techniques for the agency to engage member communities in conversations and encourage public participation in EWG's transportation planning efforts (e.g. TIP).

5. Enhance engagement and outreach efforts by establishing and hosting meetings of an advisory committee comprised of community engagement professionals in the region to both exchange best practices and expand the reach of the agency's outreach and engagement efforts.

6. Develop educational / informational materials, as needed, (e.g. program and informational videos, interactive mapping, web-based content, other electronic media) to optimize public understanding of EWG's transportation planning activities, and help encourage public participation in EWG's transportation planning efforts.

Products/Outcomes:

A. Documentation of the targeted community engagement planning process meetings and report(s) on the implementation of these initiatives *(ongoing)*

B. Weekly publication of *Local Government Briefings (ongoing)*

C. Collection of agency Activity Tracker and Activity Evaluations to support incremental and year end assessments of community engagement activities *(ongoing)*

D. Educational / informational materials about EWG transportation planning activities, as needed *(ongoing)*

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	$172,143
IDOT	57,876
Subtotal	$230,019

Local:

EWG	$28,512
IDOT	14,469
Subtotal	$42,981
TOTAL	$273,000

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 and University of Missouri-St. Louis Public Policy Administration (UMSL PPA). 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.

Local Government Partnership – EWG will continue to collaborate with UMSL PPA Program to create information and training support and opportunities for local governments. These collaborative efforts include offering training opportunities like the Chancellor's Certificate in Planning and Zoning Program and other training workshops and classes. EWG will continue to work with the St. Louis Area City Managers Association, the Southwestern Illinois City Management Association and the Missouri City Clerks and Finance Officers Association– Eastern Missouri (MCCFOA) on programming for local governments and their constituents. 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.

Summary of Estimated Costs for Functional Area:

4.11 Local Government Partnership		$64,151
4.97 Local Government Assistance		25,000
	Total	**$89,151**

LOCAL GOVERNMENT COLLABORATION
4.11

Activities:

1. Maintain regular contact with local government members and partner agencies and provide technical assistance, training, and information/outreach services on governance, transportation planning, economic development, and environmental concerns.

2. Increase effectiveness and efficiency of local government services by fostering regional collaboration and partnerships to enhance better decision making transportation planning activities.

3. Continue collaboration with the UMSL Public Policy Administration and other universities and colleges in the region to create information and training resources related to transportation planning for local government employees and officials 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 organizations such as the St. Louis Area City Managers Association, the Southwestern Illinois City Managers Association, the Missouri City Clerks and Finance Officers Association-Eastern Division, the Municipal League of Metro St. Louis, and the American Planning Association- St. Louis Metro section on providing programming specific to transportation planning process for local governments.

6. Continue to build partnerships with regional stakeholders and other organizations in the private and public sectors to identify shared priorities. Provide information to member governments about transportation funding opportunities, and provide assistance to member communities offering transportation planning workshops and conferences.

7. Meet with mayors, city managers and other local officials and agencies to share information on best practices, the application process, technical assistance projects and implementation of projects to local governments related to transportation planning activities.

8. Develop training opportunities and related informational / educational materials for local government officials, member governments, young professionals, and hard-to-reach and underserved populations on issues of regional importance (e.g. transportation, community building, the environment, ADA, Title VI, economic opportunity).

Products/Outcomes:

A. Targeted training opportunities and related materials, such as those offered through professional associations and UMSL, including continuation of the Chancellor's Certificate in Planning and Zoning Program in cooperation with the APA- St. Louis Metropolitan Section. *(ongoing)*

B. Public Officials Directory in electronic and printed versions and made accessible on the agency website *(electronic version – continuously updated, New edition released July 2018)*

Estimated Costs:

Federal:

Trans Planning Funds

MoDOT	$40,451
IDOT	13,600
Subtotal	$54,051

Local:

EWG	$6,700
IDOT	3,400
Subtotal	$10,100
TOTAL	$64,151

LOCAL GOVERNMENT ASSISTANCE
4.97

Activities:

1. Plan, coordinate, and manage the 2019 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.

3. Work towards enhancing the capacity and capabilities of local government employees throughout the region by encouraging participation in professional development opportunities.

Products/Outcomes:

A. Annual Meeting of the East-West Gateway Council including the Outstanding Local Government Achievement Award Program *(November 2019)*

B. Reports, plans, or studies in accordance with fee for service and/or in-kind service contracts or agreements *(ongoing)*

Estimated Costs:

Local:

EWG	$25,000
Subtotal	$25,000
TOTAL	$25,000

APPENDICES

APPENDIX A:
SUMMARY OF CURRENT YEAR ACTIVITIES
FOR UPWP ELEMENTS

1.01 REGIONAL TRAVEL DEMAND MODELING & SYSTEM EVALUATION

During FY 2019, staff worked on a range of traffic modeling and data related tasks. Staff trained internally on the use of the travel demand model, which uses very advanced techniques and the latest available data. Staff provided modeling support and demand forecasts to state, regional, and local agencies. Staff worked on developing various indices and other measures used in project evaluation. Staff worked on compiling input databases for the EPA air quality model Motor Vehicle Emissions Simulator MOVES2014a, for the regional air quality conformity analyses required for the annual TIP, and finalized the development of post processing program to automate the handling of large output databases from the air quality model and summarizing results. Staff reviewed and updated the roadway functional classification for the eight counties in the metropolitan planning area and posted the revised FHWA approved Functional Classification Map on the web page.

1.05 GEOGRAPHIC INFORMATION SYSTEM IMPLEMENTATION

Throughout FY 2019, East-West Gateway maintained its geographic information system (GIS) at the current industry standard with a continued emphasis on using geodatabase formats.

Major projects this year included gathering data, generating maps, and drafting narrative for the Ecological Data Inventory; producing dozens of maps for the Long Range Transportation plan; and producing maps for Where We Stand.

New data acquired included EPA EcoRegions and ecological site descriptions from the US Department of Agriculture Natural Resources Conservation Service. Updated data sets included hydrology, soils, Staff continued to distribute the 2015 aerial photography data and other requested datasets.

Staff continues to lead the St. Louis GIS User Group and periodically hosts meetings of the group. Staff also participate in working group convened by St. Louis University to assess geospatial data and resource needs for the region. Work continues on the development of a regional open space file.

1.06 INFORMATION MANAGEMENT AND SERVICES

During FY 2019, staff continued to update the content on Council's web site www.ewgateway.org. Staff completed updates to the Master Client Database, the database used to track and contact planning process participants and local officials. Staff updated website documents to reflect Master Client Database changes. Continued development of the new TIP database and associated web application. Staff created a number of workshop on-line registration forms and a website application that allowed the public to browse and comment on proposed Transportation Improvement Program (TIP) projects during the public comment period.

APPENDIX A:
SUMMARY OF CURRENT YEAR ACTIVITIES
FOR UPWP ELEMENTS

1.12 REGIONAL DECISIONS SUPPORT SYSTEMS

During FY 2019, staff collected and analyzed socioeconomic and demographic information to support planning activities of internal staff and agency members for reports, performance measures, long-range and corridor planning, and project evaluation. Staff analyzed and drafted a report on crash data in response to Board inquiry. Staff maintained internal platform for updating agency's databases and provided technical assistance to agency staff, local governments and general public. Staff developed population and employment forecasts and scenarios to support the travel demand modeling system. Staff also acquired and processed large data sets, including American Community Survey, Dun and Bradstreet employment data, Longitudinal Employer-Household Dynamics data and regional crash data from state Department of Transportations. Staff provided data for the new Agency website. Staff responded to requests for data and technical assistance from local governments and the general public.

2.01 INTEGRATED TRANSPORTATION SYSTEMS MANAGEMENT

During FY 2019 staff coordinated with regional and state partners in managing the regional Congestion Management Process and carried out the responsibilities of maintaining the Regional Intelligent Transportation System (ITS) Architecture. Staff held bi-monthly meetings of the Congestion Management and Operations Committee to support these efforts and encourage integrated regional operations. Staff initiated an update to the Regional ITS Architecture, which will continue into the next fiscal year. Staff completed and made presentation on the 2017 Annual Regional Congestion Report, which evaluates the state of regional congestion on the transportation system. Staff provided feedback to regional partners on potential CMAQ projects being developed for FY 2020 applications, and is assisting with evaluation of FY 2020 TIP project applications. Staff worked in concert with MoDOT and St. Charles County in the development of an RFP document for a Regional Data Sharing Project. Staff facilitated efforts by regional stakeholders to reach agreements with Traffic Tech Services (TTS) to provide traffic signal data to them. This would enable TTS to provide real-time in-vehicle traffic signal information to properly equipped vehicles. This is a step toward creating a connected vehicle environment in the EWG region.

2.03 TRANSPORTATION IMPROVEMENT PROGRAM AND PROJECT MONITORING

During FY 2019, the Board of Directors approved the FY 2019-2022 TIP, and staff performed activities to support development of the FY 2020-2023 TIP. Staff also prepared TIP amendments, air quality conformity determinations, annual listing of obligated projects, and conducted local project tracking. Project tracking ensures projects moved forward according to schedule. Tracking includes bi-monthly updates from sponsors and monthly reports. Staff made revisions to the STP application and coordinated in the development of an updated database to manage TIP/RTP.

APPENDIX A:
SUMMARY OF CURRENT YEAR ACTIVITIES
FOR UPWP ELEMENTS

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

During FY 2019, MoDOT staff acquired, reviewed, and analyzed traffic data and provided an updated traffic count database for use in EWG's travel demand model. MoDOT staff provided EWG with safety, system condition, financial, and other data required by EWG for the metropolitan transportation plan's development. MoDOT staff continued work to implement the Regional Arterial Management System – Gateway Green Light. MoDOT staff participated in regional M&O, ITS, CMP, and regional Architecture partner meetings and activities.

2.05 TRANSPORTATION SAFETY INITIATIVE

During FY 2019, staff participated in meetings and activities of the Missouri Coalition for Roadway Safety, which included attending the state-wide Traffic Safety and Blueprint Conference. Staff participated in the Jefferson County Safety First Coalition meetings, and continued to partner with MoDOT to bring the St. Louis Youth - Drive for Tomorrow teen safety program to the Missouri side of the St. Louis metropolitan area. Staff completed a pedestrian crash analysis as well as a bicycle crash analysis for the St. Louis region. Staff attended and participated in the Illinois Strategic Highway Safety Plan Pedestrian and Pedal Cyclist Working Group in Springfield, IL. Staff developed and distributed summaries of both the Bicycle and Pedestrian Crash Analysis. Staff attended the Lifesavers Conference: National Conference on Highway Safety Priorities.

2.06 DRIVE FOR TOMORROW PROGRAM

During FY 2019, staff coordinated with MoDOT to fund and conduct the St. Louis Youth – Drive for Tomorrow program. MoDOT and staff secured presenters to bring the program to the local high schools. Staff held numerous meetings and conference calls with MoDOT and the presenters over the year to develop the program. The program was conducted in ten high schools during March and April of 2019. Staff and MoDOT began work on securing one location for schools to come to for the FY 2020 program.

2.07 TRANSIT SYSTEM PLANNING AND DEVELOPMENT (METRO)

During FY 2019, Metro staff prepared progress reports and prepared reports regarding MetroLink, MetroBus, and Call-A-Ride operating and ridership information, as well as on-time performance reports, and route performance reports. Metro staff continued to advance the implementation of an automated fare collection project. Metro staff continued work on the Northside-Southside MetroLink corridor conceptual design study and supported other regional projects (e.g. Great Streets, Transit Oriented Development working group). Metro staff continued progress on its bus stop accessibility project and system-wide signage updates. Metro staff also continued work on Metro Reimagined – Metro's comprehensive operational analysis.

APPENDIX A:
SUMMARY OF CURRENT YEAR ACTIVITIES
FOR UPWP ELEMENTS

2.09 TRANSPORTATION PROGRAM ADMINISTRATION

During fiscal year 2019, staff reported on disadvantaged business enterprise accomplishments for MoDOT and FTA. Staff completed and submitted the FY 2018 UPWP completion report. Staff created sub-awards and consultant contracts, as needed. Staff monitored the work on the FY 2019 UPWP and drafted and reviewed FY 19 work program progress reports. Staff worked on updating the Title VI Program. Finally, staff developed the FY 2020 UPWP. Work in these areas will continue into the FY 2020 UPWP.

2.10 TRAFFIC ENGINEERING ASSISTANCE PROGRAM

During FY 2019, MoDOT funded traffic engineering projects in three communities: City of St. Peters – capacity improvement study for Mid Rivers Mall Dr. at St. Peters Howell Rd and Willot Rd.; City of St. Clair – sign inventory; City of Kirkwood – intersection study (Old Big Bend, S. Ballas, Craig Dr.).

2.11 MULTIMODAL TRANSPORTATION PLANNING

Accessibility and Paratransit Planning:

During FY 2019, staff participated in the Disability Transportation Resource Network meetings at the Bi-State Development Agency. Staff also provided information on funding for projects that address ADA accessibility. Staff participated in discussions around the issue of ADA transition plans.

Bicycle and Pedestrian Planning:

During FY 2019, staff distributed the recently completed Bicycle Planning Guide and the Bicycle and Pedestrian Crash Analysis and presented the documents at various meetings with local agencies and regional partners. Results from the 2017 Bicycling and Walking Survey were compiled into a report and shared with regional partners and sponsors. Staff also updated the existing bicycle network in GIS, which was shared with regional partners and included in the OneSTL performance report. Staff continued to work with Great Rivers Greenway (GRG) to implement the Gateway Bike Plan; organized quarterly Bicycle and Pedestrian Advisory Committee (BPAC) and Gateway Bike Plan – Working Group (GBP-WG) meetings; and aided in the development of the Gateway Bike Plan 2018 Report. Staff participated in the St. Louis Bike Share Working Group, St. Louis City Bicycle Implementation Group, Missouri Public Transit Association, and St. Louis County Complete Streets Peer Advisory Committee meetings. Staff coordinated two workshops to provide pedestrian and bicycle planning assistance to local public agencies - a Safe Transportation for Every Pedestrian (STEP) workshop for March 2019 in partnership with FHWA, and a National Association of City Transportation Officials (NACTO) workshop in May 2019. Staff reviewed and provided new bicycle and pedestrian material for the EWG website.

Intermodal Freight Planning

During FY 2019, staff coordinated with the St. Louis Regional Freightway on various regional infrastructure, logistics, and supply chain issues and economic development decisions. Staff worked on multiple tasks, such as updating data sets used in the St. Louis Regional Freight Study [2013] and to compile data (shapefiles) for the freight-related GIS Database. Staff worked with the St. Louis Regional Freightway on data sharing opportunities, as well as participating in the identification of Regional Freight Priorities (Portfolio), as it relates to transportation priority projects for Freightway. Staff partnered with the Freightway to host *FreightWeekSTL*, a four-day conference of freight industry leaders held in St. Louis, and helped develop an array of technical sessions concentrating on all facets of the freight industry. Staff attended other local and national conferences related to freight and transportation and shared best practice materials with the Freightway and our local stakeholders.

2.12 GREAT STREETS CHARRETTE – ILLINOIS

During FY 2019, staff completed contract negotiations with the consultants selected to conduct the charrette. Preparation work for the charrette began in December. The planning charrette was conducted during the last week of February. The consultants submitted their draft white papers on March 1, and staff coordinated with Collinsville staff to produce the final report. Staff also followed up with project sponsor of Smithton, Illinois project to monitor implementation efforts and assess lessons learned from the earlier charrette effort.

2.12A ILLINOIS GREAT STREETS PLANNING INITIATIVE

During FY2019, staff promoted the upcoming planning assistance project in Illinois, received and reviewed project applications from municipalities, and selected Alton for planning assistance. Staff worked with Alton staff to clearly define the project scope and schedule and to select a consultant. Staff initiated the project in late spring.

2.13 GREAT STREETS INITIATIVE

During FY 2019, staff held an open project application process for Missouri communities and selected Gravois in the Bevo community of St. Louis City for planning assistance. Staff worked with local project sponsors to refine the scope and schedule and posted a request for proposals for professional planning services. Staff conducted a pre-submittal workshop and worked with local project sponsors to review the consultant submittals and select a project team. Consultant work began in December. Staff collaborated with local project sponsors to co-manage the project team and complete the planning process.

Staff continues to monitor implementation status of past Great Streets planning efforts, has met with St. Louis City staff, St. Louis County staff, and Kimmswick project sponsors to evaluate lessons learned to apply to future planning efforts. Staff also presented at various professional

organizations and graduate planning programs about the Great Streets planning process and case study examples.

2.14 METROLINK SYSTEM-WIDE SECURITY ASSESSMENT – PHASE I AND II

During FY 2019, staff managed the consultant work on the MetroLink System-Wide Security Assessment – Phase I. This work included developing an Existing Conditions Report; conducting training on Crime Prevention through Environmental Design (CPTED); facilitating a peer review with transit agencies from Washington, D.C., Minneapolis-St. Paul, Minnesota, Sacramento, California, and Portland Oregon; conducting a Threats and Vulnerabilities Analysis (TVA); and developing recommendations to improve security on the MetroLink system. Each of these elements included stakeholder outreach and collaboration with law enforcement partners. Staff also worked with Metro and law enforcement partners to develop the scope of services, select a consultant, and initiate the Phase II study, which is the implementation piece of the non-infrastructure recommendations. Additional recommendations for improvements requiring changes in infrastructure and technology will be implemented by Metro as funding becomes available.

2.15 COORDINATED HUMAN SERVICE TRANSPORTATION PLANNING (SEC 5310)

During FY 2019, staff monitored the implementation of projects that received Section 5310 funding in previous funding rounds in conjunction with Bi-State Development and the Missouri Department of Transportation. Staff met with MoDOT staff to coordinate a timeline for the next Section 5310 funding cycle. Staff provided letters of support for project sponsors seeking funding through the MoDOT Section 5310 rural program.

2.17 TRANSPORTATION CORRIDOR & SUBAREA PLANNING – MISSOURI

During FY 2019, staff provided travel demand and modeling, land cover, aerial imagery and demographic data, and analysis support for regional planning partners and project teams; worked with regional partners to outline and draft project scopes; evaluated, selected and managed project teams for corridor planning and engineering efforts; reviewed technical work and documents as needed; met with regional planning partners, project stakeholders and relevant consultants as requested; and participated on advisory committees and in public outreach as requested. Specifically, staff completed management of the Northside-Southside MetroLink Conceptual Design Study, conducted procurement for and initiated work on the MetroLink Security Assessment, and participated in the I-70 PEL Study, the Route N Environmental Assessment, and the Northside-Southside TOD Pilot Study.

2.19 LONG-RANGE TRANSPORTATION PLANNING

During FY 2019, staff worked to produce the update to the region's long-range transportation plan. Work on this update involved coordination with local, state, regional, and federal planning partners, as well as soliciting public input through an online survey. As part of the development of this update, staff continued to refine the performance management framework developed for

the plan in line with FAST Act requirements and focused on continuing to adapt that framework to other agency documents and processes, such as the TIP.

2.21 ECOLOGICAL APPROACH TO INFRASTRUCTURE DEVELOPMENT

In FY 2019, staff developed information materials highlighting the ecological data compiled for the eight-county St. Louis region. Staff engaged federal, state, and local resource agencies in consultations to examine needs, disseminate information, and establish the utility of the data and ecological framework. Staff continued work on developing methods for employing the framework in a wide-range of project and corridor evaluations and mitigation planning. Staff worked to expand the use and application of the refined land use cover methodology for the urban areas in the St. Louis region.

2.25 SW ILLINOIS FLOOD PROTECTION INITIATIVE

During FY 2019, staff continued to provide management services for the Southwestern Illinois Flood Prevention District Council.

2.32 AIR QUALITY COORDINATION

During fiscal year 2019, staff prepared and distributed agendas, presentations, and proceedings for air quality committees, subcommittee, and consultation group meetings and special reports. Staff held and recorded five Air Quality Advisory Committee (AQAC) meetings and five Inter-Agency Consultation Group (IACG) meetings. Staff monitored and researched the implementation of the 2015 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 continued to review and enhance the Conformity Users Guide, which contains regionally significant project selection criteria. The Users' Guide was developed in close coordination with IACG, and it establishes guidelines for the conformity process. Staff coordinated with the Clean Cities program on stakeholder discussions related to infrastructure expansion. Staff assisted with information dissemination efforts related to funding opportunities through the Diesel Emissions Reduction Act (DERA). During FY 2018-2019, staff maintained an electronic clearinghouse for daily measured ozone information in order to facilitate the sharing of air quality information between the Missouri Department of Natural Resources (MoDNR), Illinois Environmental Protection Agency, U.S. Environmental Protection Agency (EPA) Region 7 and other cooperating agencies. Staff generated and maintained a color-coded Air Quality Index (AQI) calendar as prescribed by EPA which is posted on the EWG website. Staff maintained and updated the Air Quality Resource Center website. Staff updated draft report on historical ozone data, trend lines and current monitor locations.

2.34 MISSOURI REGIONAL 208 WATER QUALITY MANAGEMENT PLAN INITIATIVE

No work was performed on this project during FY 2019.

2.35 WATERSHED PLANNING – LOWER MERAMEC (WATER QUALITY COORDINATION)

No work was performed on this project during FY 2019.

2.38 COMMUNITY BUILDING

In FY 2019, staff focused community building assistance on outreach, education and coordination of public agencies and other organizations. Staff met with and encouraged partners to address the interrelated needs of transportation infrastructure, water infrastructure, sanitary sewers, stormwater, flood mitigation, water quality, parks, trails, greenways, active living/healthy lifestyles and biodiversity. Staff coordinated meetings, such as the OneSTL Leadership Network, maintained the OneSTL website including the Sustainable Projects Marketplace and Sustainable Solutions Toolkit, and updated OneSTL metrics. Staff also responded to local government requests for planning assistance and participated in planning local and regional conferences and workshops, such as the Sustainability Lab, with key partners including local universities, professional organizations and private sector entities.

2.39 UPDATING THE ALL HAZARD MITIGATION PLAN FOR MISSOURI PORTION OF THE REGION

In FY 2019, began the update to the Missouri portion of the region to update the All Hazard Mitigation Plan, coordinated with local governments as well as with SEMA and FEMA.

2.45 MISSOURI NUTRITION INCENTIVE PROGRAM

In FY 2019, staff assisted in information dissemination about the Double Up Food Bucks program through the US Department of Agriculture, which provides a dollar for dollar benefit for SNAP recipients who purchase locally grown fresh produce at select farmers markets and grocery stores.

2.81 URBAN AREAS SECURITY INITIATIVE (UASI)

In FY 2019 staff received the UASI FY 2018 grant, and is working to expend funds from the fiscal years 2016, 2017 and now 2018 UASI grant programs. STARRS' staff has been working with the STARRS' Board of Directors and its subcommittees to maintain the St. Louis regional THIRA which is used to identify regional shortfalls to preparedness, the emergency response resources required to respond, and to identify the region's response capabilities and gaps. STARRS uses this information to efficiently build and sustain regional preparedness capabilities. Additionally, the STARRS subcommittee working groups and emergency response teams continue to finalize work on regional interoperable communications planning, citizen preparedness, medical evacuation planning and equipping law enforcement, hazardous materials

response and urban search and rescue teams, as well as mass fatality response and medical surge planning with the region's medical examiners, hospitals and public health departments.

2.86 ST. LOUIS AREA REGIONAL RESPONSE SYSTEM SUPPORT

In FY 2019, staff continued to provide administrative support for the St. Louis Area Regional Response System (STARRS) including preparing agendas, presentations, minutes, and proceedings for the STARRS Board meetings. Staff continued to provide financial document reconciliation for the STARRS program. Staff also met with the region's hospital Chief Fiscal Officers and Chief Executive Officers that make up the St. Louis Metropolitan Hospital Council to provide an in-depth briefing on the various programs and projects that have been developed regionally in support of hospital and general healthcare emergency preparedness.

2.88 BIOTERRORISM PREPAREDNESS FOR HOSPITALS (HOSPITAL PREPAREDNESS PROGRAM)

In FY 2019, staff has continued to build upon the planning and development of capacity and capabilities to strengthen all-hazards disaster preparedness planning for medical surge during large scale emergencies that has the potential to affect over 60 hospitals and health care facilities within the St. Louis Regional Healthcare Coalition which includes skilled nursing and long term care facilities, ambulatory surgery centers, urgent care centers, dialysis centers, home health providers, behavioral health services and organizations, access and functional needs services organizations, and non-governmental organizations that provide assistance during disasters. To that end, staff developed and implemented regional disaster/emergency preparedness plans and protocols for the Healthcare Coalition 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 provide immediate and long term regionally coordinated response to mass casualty incidents and other medical surge emergencies. This effort utilized STARRS committees including regional leaders from hospitals, public health, Emergency Medical Services (EMS), fatality response, and emergency management agencies and organizations. Grant funds were used to purchase specialized equipment and supplies for health care entities involved in medical surge and mass fatality response and reception of patients. In addition, staff continued to support and assist the healthcare system through facilitation and implementation of education and exercises to increase preparedness including an annual regional multidiscipline healthcare functional exercise.

2.90 COMPLEX COORDINATED TERRORIST ATTACK GRANT PROGRAM

In FY 2019 staff has been working with regional response agencies, emergency preparedness partners and contractors to support a regional emergency resource gap analysis and identification, along with emergency response planning, training, and exercises with the intention of preparing communities for a complex coordinated terrorist attack anywhere in the region. Program deliverables will address pre-identified gaps and build upon the region's foundation of capabilities to respond to a CCTA through regional partnerships and collaboration between public safety agencies and whole community partners.

CCTA planning workshops that have been scheduled throughout the region will result in the development of simple, user-friendly operational guides for frontline responders. The guides are not intended to replace any existing standard operating procedures; instead, they will provide a regional resource for best practices and guidance for tactical, operational, and strategic issues.

Staff will continue to develop terrorist attack scenarios to test each operational guide and drive discussions with responders and community leaders. Several response components will be exercised in 2019 in order to improve the operational guides and the quality and speed in which decisions will be made should a CCTA or similar terrorism incident occur. The overarching goal of the regional CCTA program is to improve response coordination among the region's law enforcement Tactical Operations and Bomb & Arson units along with the Emergency Medical Service units to create an integrated response structure.

3.01 TRANSPORTATION FINANCE

During FY 2019, staff overhauled the financial databases needed to establish fiscal constraint for the TIP and metropolitan transportation plan and produced long-range financial projections for the IDOT, MoDOT, and Metro programs. Staff monitored action on funding initiatives in the Illinois and Missouri general assemblies and provided commentary on Congressman Shuster's discussion draft on a new federal transportation bill. Staff also evaluated changes in MoDOT's funding distribution program and made presentations on the regional financial implications of those changes.

3.06 REGIONAL COMPETITIVENESS

In FY 2019 staff produced the 8th edition of Where We Stand, one We Stand Update, and anticipates completing additional updates by the end of the FY. Where We Stand tracks the health of the St. Louis region among the 50 most populous Metropolitan Statistical Areas in the United States. These metro areas are our domestic competition and provide a consistent yardstick to gauge "Where We Stand." The 8th edition focuses on three strategic priority areas—the economy, workforce development, and public safety. This year staff increased the presence of Where We Stand on the agency's website where over 200 tables are provided on the topics covered in the eighth edition as well as additional topics, including transportation, housing, and education. In addition, staff monitored federal and state legislation with the potential to impact the region's competitiveness. Staff will update databases on the use of economic development incentives in the region and issue a summary report. Staff responded to inquiries and requests for information from the Board, local governments, and the general public.

4.01 COMMUNITY ENGAGEMENT – PUBLIC INVOLVEMENT

In FY 2019, Community Engagement staff conducted an update to the EWG Public Involvement Plan. Staff served as an internal agency resource for projects and plans that have public outreach requirements. Staff assisted program specialists consider a variety of appropriate outreach and engagement formats and strategies and then developed and implemented targeted outreach

programs for agency plans, including the Long-Range Transportation Plan, and the Transportation Improvement Program. Staff used the community engagement activity tracker for analysis and reporting of public involvement efforts. Staff produced weekly Local Government Briefings that provide our members and interested citizens with up-to-date activities in the region.

4.11 LOCAL GOVERNMENT PARTNERSHIP

In FY 2019, staff organized the Planning and Zoning training for a 15th year in conjunction with the local chapter of the American Planning Association and UMSL and collaborated with our regional City Management Associations and other regional organizations that serve local government on the development of many successful professional development programs. Staff also continued to publish the Public Officials Directory and provided updated information for the EWG website in order to provide better access to information relevant to local governments to aide their planning processes. Staff served attended numerous organization and committee meetings that serve member governments and provided information and technical assistance related to transportation and livability issues.

4.97 LOCAL GOVERNMENT ASSISTANCE

In FY 2019, EWG held its annual meeting in November showcasing the presentation of the Outstanding 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. Staff provided video production management services for the Outstanding Local Government Achievement Awards ceremony which highlighted regional accomplishments and contributions by local municipalities, businesses and organizations. Staff provided technical assistance to member governments as requested.

APPENDIX A:
SUMMARY OF CURRENT YEAR ACTIVITIES
FOR UPWP ELEMENTS

COMPLETED OR DISCONTINUED FY 2019 WORK ELEMENTS & NEW WORK ELEMENTS FOR FY 2020

Completed or Discontinued FY 2019 Work Elements	New Work Elements for FY 2020
2.10 MoDOT Traffic Engineering Assistant Program	2.47 Solid Waste Recycling and Food Waste Reduction
2.16 Northside-Southside TOD Pilot Study (Metro)	
2.18b St. Louis County MetroLink Corridors Conceptual Planning	

APPENDIX B:
SOURCE OF ELIGIBLE MODOT DIRECT COSTS

Title	Yearly Salary	Yearly Fringe	Yearly Total	% Eligible	Yearly Eligible
District Traffic Engineer	$76,020	$65,719	$141,739	40	$56,696
Traffic Operations Engineer	$66,636	$57,607	$124,243	50	$62,122
Traffic Operations Engineer	$63,024	$54,484	$117,508	45	$52,879
Traffic Operations Engineer	$74,568	$64,464	$139,032	25	$34,758
Senior Traffic Studies Specialist	$41,268	$35,676	$76,944	25	$19,236
Traffic Technician	$33,636	$29,078	$62,714	50	$31,357
Total	$355,152	$307,028	$662,180		$257,048

APPENDIX C:
METROPOLITAN TRANSPORTATION PLANNING PROCESS CERTIFICATION

METROPOLITAN TRANSPORTATION PLANNING PROCESS CERTIFICATION

In accordance with 23 CFR § 450.336, the Illinois Department of Transportation, the Missouri Department of Transportation, and the East-West Gateway Council of Governments (EWGCOG), 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 Part 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 *et seq.*) and 49 CFR Part 21;
4. 49 U.S.C. § 5332 prohibiting discrimination on the basis of race, color, religion, national origin, sex, disability, or age in employment or business opportunity;
5. Section 1101(b) of the Fixing America's Surface Transportation (FAST) Act (Pub. L. No. 114-357) and 49 CFR Part 26 regarding the involvement of disadvantaged business enterprises in U.S. 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 provisions 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 *et seq.*) 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 *et seq.*) and 49 CFR Part 27 regarding discrimination against individuals with disabilities.

EWGCOG is exempt from the requirements of 23 U.S.C § 134(d)(2) and 49 U.S.C. § 5303(d)(2), as amended by the FAST Act §§ 1201 and 3003 because: (1) EWGCOG operates pursuant to the Missouri State and Regional Planning and Community Development Act (Mo. Rev. Stat. Chapter 251) and the Missouri Nonprofit Corporation Act (Mo. Rev. Stat. Chapter 355), which were both in effect on or before December 18, 1991; (2) these Missouri laws have not been amended after December 18, 1991, as regards EWGCOG's structure or organization; and (3) EWGCOG has not been designated or re-designated after December 18, 1991.

Signature	Signature	Signature
Mr. Mark A. Kern Chairman, Board of Directors East-West Gateway Council of Governments	Mr. Keith Roberts, Acting Region Five Engineer Illinois Department of Transportation	Mr. Tom Blair, District Engineer St. Louis District Missouri Department of Transportation
August 28, 2019 Date	August 28, 2019 Date	August 28, 2019 Date

APPENDIX D:
EAST-WEST GATEWAY COMMITTEES AND MEMBERS

Board of Directors:

Board Officers for 2019:
Mark Kern, *Chair,* St. Clair County Board Chairman
Steve Ehlmann, *Vice Chair,* County Executive, St. Charles County
Robert Elmore, *2nd Vice Chair,* Monroe County Board Chairman

Executive Committee:
Tim Brinker, Presiding Commissioner, Franklin County
Dennis Gannon, County Executive, Jefferson County
Kurt Prenzler, County Board Chairman, Madison County
Lyda Krewson, Mayor, City of St. Louis
Steve Stenger, St. Louis County Executive

Other Members:
Norman McCourt, President, Municipal League of Metro St. Louis
Emeka Jackson-Hicks, Mayor, City of East St. Louis
Ron Counts, Mayor, City of Arnold, Jefferson County
Mark Kupsky, Vice President, Southwestern Illinois Council of Mayors
Lewis Reed, President, Board of Aldermen, City of St. Louis
Herbert Simmons, President, Southwestern Illinois Metropolitan Regional Planning Commission
Thomas Smith, President, Southwestern Illinois Council of Mayors, Mayor of Waterloo

Board Appointments:
Reggie Jones, Mayor, City of Dellwood, representing St. Louis County
Mike Walters, Madison County Board Member, representing Madison County
Roy Mosley, St. Clair County Board Member, representing St. Clair County
John White, St. Charles County Councilman, representing St. Charles County

Regional Citizens:
Barbara Geisman
C. William Grogan
Richard Kellett
John A. Laker

Non-Voting Members:
Erin Aleman
Erika Kennett
Patrick McKenna
Taulby Roach

APPENDIX D:
EAST-WEST GATEWAY COMMITTEES AND MEMBERS

Executive Advisory Committee

Norman Etling, Chairman
Gary Elmestad, Vice Chairman

Mokhtee Ahmad	Ronald Davis	Jason Jonas	Jessica Mefford Miller
Tom Blair	Deeann Ducote	Keith Roberts	Judy Nelson
Samuel Borders	Maurice Falls	Pat Kelly	Mark Schenkelberg
Kirk Brown	Noe Gonzalez	Edie Koch	Bill Schnell
Thomas Caldwell	John Greifzu	Darren Lamb	Kevin Terveer
Bruce Carmitchel	Michael Henderson	Brad McMahon	Betsy Tracy
Darius Chapman	Barb Hohlt	Stephanie Leon- Streeter	Todd Waelterman
David Courtway	Douglas Hulme	Aaron Metzger	Austin Walker
Tom Curran	Kevin Jemison		

Air Quality Advisory Committee

Stacy Allen	Jerry J. Kane	Heather Navarro	Ryan Tilley
David Bloomberg	Pat Kelly	Michael Right	Betsy Tracy
Jack Fishman	Kisha Lee	Jeremey Rogus	James Watson
Susannah Fuchs	Gary Marshall	Christopher Schmidt	Emily Wilbur
Mike Henderson	Brad McMahon	Ken Sharkey	

St. Louis Bicycle & Pedestrian Advisory Committee

John Kohler, Chair
John Hicks, Vice-Chair

Mallory Box	Kevin Jemison	Tom Nagel	Bryan Werner
Alex Devlin	Karen Karabell	Shaun Tooley	Jeremy Wolfmeyer
Angelica Gutierrez	John Kohler	Sarah Vogt	

APPENDIX D:
EAST-WEST GATEWAY COMMITTEES AND MEMBERS

STARRS Board of Directors

Sgt Bill Roche, President
Warren Robinson, Vice President

Mike Arras	Brian Gettemeier	John Nowak	Jim Terry
Jon Belmar	Kathleen Hargrave	Lawrence O'Toole	Michele Tanton
Greg Brown	Nick Harper	Vanessa Poston	Morris Taylor
Gary Christmann	Justin Hauser	Lynden Prange	David Todd
Abraham Cook	Chris Hunt	Derek Rieger	Cathy Vaisvil
Mark Diedrich	Dennis Jenkerson	Warren Robinson	Ryan Weber
Tony Falconio	Nick Kohlberg	Bill Roche	John Whitaker
Don Feher	Joann Leykam	Herbert Simmons	Jim Wild
Todd Fulton	Ryan Nichols	Roger Smith	Josh Wilderson

Transportation Planning Committee

Richard Bradley	Mark Gvillo	Pat Kelly	Richard Sauget, Jr.
Amanda Brauer	Mike Henderson	Aaron Metzger	Greg Smith
Tony Erwin	Kevin Hutchinson	John Miller	Wesley Stephen
Norm Etling	John Hicks	Dan Naunheim	Craig Tajkowski
Maurice Falls	Jerry Kane	Chris Poehler	Ron Williams
Jessica Gershman	Karen Karabell	Keith Roberts	

Regional Water Resources Committee

Amy Beussinl	Timothy Ganz	Clint Jones	Amy Shaw
Roland Biehl	Warren Grace	Christopher King	Curtis Skouby
Tracy Boaz	Tracy Haag	Abigail Lambert	Shawn Sullivan
Steven Brendel	Mark Hartion	Traci Lichtenberg	Mary Vandebord
Bradley Brown	Steven Herrington	Bill Malach	John Weber
Rick Brown	John Hickey	John McPheeters	Edward J. Weilbacher
Janet Buchanan	Dennis Hogan	Jennifer Myerscough	David Wilson
Barbara Charry	Peggy Horner	Chris Neaville	Karla Wilson
Carol Davit	Jay Hoskins	Jamie Paige	Nicole Young
Katherine Dockery	John Johnson	Tom Schweiss	Jianpeng Zhou
Mark Eshelman			

APPENDIX E

East-West Gateway Region
St. Louis Metropolitan Area
The current Metropolitan Planning Area boundary was approved by the East-West Gateway Board of Directors on July 30, 2014; the Governor of Illinois on September 11, 2014 and the Governor of Missouri on May 24, 2017.
MADISON COUNTY
ST. CHARLES COUNTY
ST. LOUIS CITY
ST. LOUIS COUNTY
ST. CLAIR COUNTY
FRANKLIN COUNTY
JEFFERSON COUNTY
MONROE COUNTY
0 5 10
Miles
Illinois
Missouri
Source: East-West Gateway Council of Governments
EAST-WEST GATEWAY

EAST-WEST GATEWAY
Council of Governments

Creating Solutions Across Jurisdictional Boundaries

Gateway Tower
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St. Louis, MO 63102

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