

AGENDA
EAST-WEST GATEWAY COUNCIL OF GOVERNMENTS
EXECUTIVE ADVISORY COMMITTEE
TUESDAY, JANUARY 23, 2018 – 2:00 PM

- 1. CALL TO ORDER**
- 2. APPROVAL OF MINUTES OF OCTOBER 17, 2017**
- 3. DISCUSSION ITEMS**
 - A. 2016 CMP Annual Regional Congestion Report - - Larry Grither and Zakari Mumuni
 - B. Metro Reimagined - - Jessica Mefford-Miller, Metro
- 4. ACTION ITEMS**
 - A. Surface Transportation Block Grant Program Evaluation Process - - Rachael Pawlak
 - B. Amendment of the FY 2018 Unified Planning Work Program to include element 2.10: MoDOT Traffic Engineering Assistance Program - - Josh Schwenk
 - C. Modification of the FY 2018-2021 Transportation Improvement Program (TIP), *Connected2045*, and the Related Air Quality Conformity Determination - Requested by Illinois and Missouri Sponsors - - Jason Lange
 - D. Regional Security Expenditures - - Nick Gagnani
- 5. OTHER BUSINESS**
- 6. ADJOURNMENT**



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Executive Director
James M. Wild

Memo to: Board of Directors

From: Staff

Subject: Project Notifications

Date: January 16, 2018

Attached is the Project Notification list for October – December 2017. The compiled list is a result of the weekly list of projects from the Missouri State Clearinghouse for comments. The listing contains a summary table which includes grant applications, announcements, and public notices. If you have any questions regarding this attachment, please contact Carol Lawrence in the Community Planning department.

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**Project Reviews for East-West Gateway Council of Governments
October, November and December 2017**

JURISDICTION	APPLICANT	PROJECT DESCRIPTION	FEDERAL AGENCY	FEDERAL GRANT/LOAN	FUNDING: STATE LOCAL/OTHER	TOTAL
St. Louis, MO	Washington University #1804007	National Historical Publications and Records Grants Level Playing Field: Digitizing and Disseminating William Miles' Black Champions Interviews	National Archives and Records Admin	\$32,129	Applicant: \$82,942	\$115,071
St. Louis, MO	Grace Hill Settlement House #1804009	Head Start Head Start and Early Head Start	HHS		Applicant revised budget from earlier 2017 application Applicant funding: -\$350,000 less than originally submitted	
St. Louis, MO	De Sales Community Housing Corp. # 1804019	Investments for Public Works and Economic Development Facilities Brick City Makes - The Hub for Growing manufactures	DOC	\$1,500,000	Applicant: \$1,651,702	\$3,151,702
St. Charles, MO	City of St. Charles #1804020	Education and Human Resources Mobile Law Enforcement STEM Laboratory - a mobile laboratory to teach forensics and criminal investigation workshops.	National Science Foundation	\$1,039,839		\$1,039,839
Jefferson, MO	Community Treatment Incorporation Festus MO #1804010	Health Center Program (Community Health Centers, Migrant Health Centers, Health Care for the Homeless and Public Housing Primary Care) Community Health Centers	HHS	\$1,850,166	Local: \$500,000 Program Income: \$8,032,193	\$10,382,359
St. Louis, MO	Father's Support Center St. Louis, MO #1806013	Substance Abuse and Mental Health Services Project of Regional and National Significance Father's Support Center SAMSHA Offender Reentry Program	HHS	\$425,000		\$425,000
St. Louis, MO	St. Martha's Hall St. Louis, MO #1806014	Justice Systems Response to Families St. Louis Court Watch Project 2018	DOJ	\$251,357		\$251,357

MINUTES

EAST-WEST GATEWAY COUNCIL OF GOVERNMENTS EXECUTIVE ADVISORY COMMITTEE OCTOBER 17, 2017

Members Present

Jonathan Zimmerman, Franklin County, *Chair*
Norm Etling, St. Clair County, IL, *Vice-Chair*
Sam Borders, Madison County, IL
Amanda Brauer, St. Charles County, MO
Tom Curran, St. Louis County, MO
Gary Elmestad, St. Charles County, MO
Maurice Falls, Office of the President of Board of Alderman, City of St. Louis, MO
Barb Hohlt, St. Clair County, IL
Kevin Jemison, IDOT
Jason Jonas, Jefferson County, MO
Curtis Jones, IDOT
Pat Kelly, Municipal League of Metro St. Louis
Edie Koch, Monroe County Economic Development Corporation
Stephanie Leon Streeter, St. Louis County, MO
Aaron Metzger, Monroe County, IL
Hart Nelson, St. Louis Regional Chamber
Bill Schnell, MoDOT
Kevin Terveer, SIMAPC
Todd Waelterman, City of St. Louis, MO

Others in Attendance

EWGCOG Staff:

Jim Wild, Staci Alvarez, Jerry Blair, Joyce Collins-Catling, Larry Grither, Ajdin Hamzagic, Paul Hubbman, Dan Hutti, Karen Kunkel, Jason Lange, Carol Lawrence, Mary Grace Lewandowski, Marcie Meystrik, Christopher Michael, Anna Musial, Rachael Pawlak, John Posey, Roz Rodgers, Josh Schwenk, Lubna Shoaib, Himmer Soberanis, Melissa Theiss

CALL TO ORDER

The Executive Advisory Committee was called to order by Norm Etling, Vice-Chair.

APPROVAL OF MINUTES OF SEPTEMBER 19, 2017 MEETING

Jim Wild, EWGCOG, advised that the September 19, 2017 minutes have been edited to remove comment mistakenly attributed to Mr. Elmestad on page 3, first paragraph. Subject to the correction, Motion was made by Mr. Elmestad, seconded by Mr. Curran, to approve the minutes of the September 19, 2017 meeting. Motion carried, all voting aye.

DISCUSSION ITEMS

Roadway Congestion Update

John Posey, EWGCOG, provided information on how St. Louis ranks against 50 peer metropolitan statistical areas relating to vehicle travel times during peak and non-peak rush hour traffic. His presentation also included maps depicting congestion data for other cities. He noted that the source of the data is from the Regional Integrated Transportation Information System (RITIS).

ACTION ITEMS

St. Louis Regional Freightway Freight Development Project List

Jim Wild, EWGCOG, and Yodit Teklu, St. Louis Regional Freightway, summarized staff's recommendation for endorsement of the St. Louis Regional Freightway's 2018 Freight Development Project List for the St. Louis region.

Motion approving the recommendation was made by Mr. Schnell, seconded by Mr. Elmestad. Motion carried, all voting aye.

Functional Classification Update

Lubna Shoab, EWGCOG, summarized staff's recommendation to adopt 57 functional classification changes outlined in the corresponding meeting materials. She noted that one application did not meet the required criteria and, accordingly, has not been recommended.

Motion approving the recommendation was made by Mr. Kelly, seconded by Mr. Falls. Motion carried, all voting aye.

MetroLink System-wide Security Audit

Jim Wild, EWGCOG, advised that staff has been asked to conduct the procurement and management of the Rail Station Barrier System (Feasibility and Design) Study, originally sponsored by Bi-State, and that the funding for the project be provided to East-West Gateway from Bi-State Development for the purpose of implementing the study. In addition to taking over the project staff is proposing the Rail Station Barrier System (Feasibility and Design) Study be modified to be a System-wide MetroLink Security Audit that will focus on inventorying physical conditions/characteristics of the stations, identifying current policy/procedural protocols, data collection and analysis, and assessing current human capital related to safety and security of the system. The security audit will result in recommendations related to addressing identified challenges/weaknesses. The new approach will allow for an objective analysis of the security of the system, including access control, and the implementation of treatments/activities to address observed problems rather than perceived weaknesses. A second phase of the effort will consist of prioritization, design, and implementation of the recommendations from the security audit.

Staff's recommendation for action is that the Rail Station Barrier System (Feasibility and Design) Study (TIP# 6812-17) in the FY 2018-2021 TIP be modified to be called a MetroLink System-wide Security Audit and that the implementation of the study, including procurement and management, be led by East-West Gateway Council of Governments, and to authorize the

Executive Director to enter into a funding agreement with Bi-State Development to provide federal and local funding for the project not to exceed \$3,600,000.

Motion approving the recommendation was made by Mr. Curran, seconded by Ms. Hohlt. Motion carried, all voting aye.

Modification of the FY 2018-2021 Transportation Improvement Program (TIP), Connected2045, and the Related Air Quality Conformity Determination - Requested by Illinois and Missouri Sponsors

Jason Lange, EWGCOG, summarized staff’s recommendation to revise the FY 2018-2021 TIP, *Connected2045*, and related Air Quality Conformity Determination to add 9 new projects in Illinois and to modify one project, and to add nine new projects, four of which are scoping, in Missouri, as outlined in the meeting materials.

Motion approving the recommendation was made by Mr. Falls, seconded by Mr. Nelson. Motion carried, all voting aye.

Calendar Year 2018 East-West Gateway Budget

Jim Wild, EWGCOG, summarized staff’s recommendation to adopt the FY2018 budget as proposed, and to recommend it for adoption at EWGCOG’s Annual Meeting on November 17, 2017.

Motion approving the recommendation was made by Mr. Kelly, seconded by Mr. Falls. Motion passed unanimously.

Regional Security Expenditures

Nick Gragnani, STARRS, summarized staff’s recommendation of the following expenditures, totaling \$337,398. The expenditures will be funded from the U.S. Department of Homeland Security’s Urban Area Security Initiative (“UASI”) grant program.

Action	Description	Amount
Contract	St. Louis County – sub-award agreement for costs associated with the Critical Infrastructure Coordinator position	\$152,000
Contract	St. Charles County – sub-award agreement for Intelligence Analyst position within St. Louis Fusion Center	\$112,500
Purchase	Leo M. Ellebracht Company – 40 Scott SCBA Cylinders	\$41,950
Purchase	Leo M. Ellebracht Company – five Scott Air-Paks	\$28,685
Purchase	Botach Incorporated – four Handheld Thermal Imaging Cameras	\$17,972
Purchase	Ed Roehr Safety Products – four Night Vision Monoculars	\$14,216
Purchase	EyeOn, LLC – Telescoping, Extendable Pole Camera	\$10,075

Motion approving the recommendation was made by Barb Hohlt, seconded by Kevin Terveer. Motion passed unanimously.

OTHER BUSINESS

OTHER BUSINESS

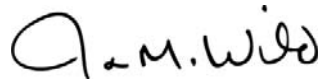
Kevin Jemison, IDOT, advised that IDOT has announced a call for 2018 Illinois Transportation Enhancements Program (ITEP) projects, with an application deadline of December 1, 2017.

Jim Wild, EWGCOG, advised that the Invitations to EWGCOG's Annual Meeting contain a typographical error referencing the incorrect day of the week for the meeting. The meeting/luncheon is taking place on **Friday**, not Thursday, November 17, 2017.

ADJOURNMENT

Motion to adjourn the meeting was made by Mr. Curran, seconded by Mr. Waelterman. Motion passed unanimously.

Respectfully submitted,

A handwritten signature in black ink that reads "J. M. Wild". The signature is written in a cursive, slightly slanted style.

James M. Wild
Secretary, Board of Directors



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Memo to: Board of Directors

From: Staff

Subject: 2016 CMP Annual Regional Congestion Report

Date: January 16, 2018

The East-West Gateway Council of Governments is responsible for developing and implementing a Regional Congestion Management Process (CMP). The CMP is a systematic way of monitoring, measuring and diagnosing the causes of current and future congestion on the region's multi-modal transportation system; evaluating and recommending alternative strategies to manage current and future regional congestion; and monitoring and evaluating the performance of strategies implemented to manage congestion.

The CMP is required by the Fixing America's Surface Transportation (FAST) Act, along with its predecessor laws, and is an integral part of the region's transportation planning process. The St. Louis Metropolitan Area CMP specifies that East-West Gateway will develop an annual report on regional congestion, mitigation efforts, and evaluation results. The 2016 Annual CMP Report serves as a yearly review of regional congestion for 2016. It covers definition of congested CMP network, development of performance measures, data sources, identification of congested locations, and mobility project evaluation reports.

Staff will make a presentation on the highlights of the 2016 Annual Congestion Report in regards to our findings on the state of congestion on our regional transportation system.

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Memo to: Board of Directors

From: Staff

Subject: Surface Transportation Block Grant Program Evaluation Process

Date: January 19, 2018

Background

The current federal transportation law, Fixing America's Surface Transportation (FAST) Act, continues the reforms begun by the previous law, Moving Ahead for Progress in the 21st Century (MAP-21). This includes transitioning to a performance-driven, outcome-based program, and the establishment of performance goals for Federal-aid highway programs (23 USC 150(a)). Performance-based planning and programming ensures that resources are invested in projects that make progress toward achieving critical outcomes for the region. As the Metropolitan Planning Organization for the St. Louis region, East-West Gateway Council of Governments (EWGCOG) is charged with developing a performance-based long-range transportation plan, as well as a corresponding project evaluation structure for developing the Transportation Improvement Program (TIP) (23 USC 134 (c)).

Projects in the TIP must be consistent with the investment priorities (i.e., the ten guiding principles) of *Connected2045*, the long-range transportation plan for the St. Louis region. These investment priorities guide transportation system evaluation and decision making, which includes the selection of the Surface Transportation Block Grant Program (STP-S) projects. STP-S provides flexible funding that may be used by local governments for projects to preserve and improve the conditions and performance on any Federal-aid highway, bridge project on any public road, pedestrian and bicycle infrastructure, and transit capital projects. Federal transportation legislation states that procedures that distribute STP-S funds to individual jurisdictions or modes within the MPO by pre-determined percentages or formulas are inconsistent with the federal provisions that require the MPO to develop a prioritized and financially constrained TIP (23 CFR 450.326 (m)).

The policies in *Connected2045* reflect regional and national goals and guide the prioritization of federal funding for all types of projects, including roads, bridges, public transportation, freight, bicycle, pedestrian, and paratransit. To align with the goals of *Connected2045* and ensure consistency with federal requirements,

Board of Directors
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EWGCOG staff is revising the project application and selection process for the STP-S program to ensure that projects are selected through a performance-driven approach.

STP-S Scoring Criteria Development

EWGCOG staff has been working with the Transportation Planning Committee (TPC) since August 2016 to ensure that our performance-based planning and programming efforts are consistent with both the federal performance management requirements and the region's ten guiding principles. The development of the scoring criteria consisted of internal research on national best practices, a review of project selection criteria from other MPOs, feedback from six focus groups consisting of representative regional experts, input from TPC representatives, and test evaluations. The Illinois and Missouri TPCs recommended approval of the STP-S scoring criteria at its January 9, 2018 meeting with the proviso to reevaluate the STP-S scoring criteria in two years. A copy of the STP-S scoring criteria can be viewed at: <http://www2.ewgateway.org/download/STPS-ScoringCri-010918.pdf>.

Staff Recommendation: Staff recommends approval of the STP-S scoring criteria and evaluation process. Staff will monitor the evaluation process and will assess the scoring criteria after two STP-S funding rounds as requested by the Transportation Planning Committee.



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Memo to: Board of Directors

From: Staff

Subject: Amendment of the FY 2018 Unified Planning Work Program to include element 2.10: MoDOT Traffic Engineering Assistance Program

Date: January 16, 2018

The Missouri Department of Transportation has requested that East-West Gateway amend the FY 2018 UPWP to include element 2.10: MoDOT Traffic Engineering Assistance Program (TEAP) for the competitively selected projects within our region. The project recipients are Jefferson County and the Cities of Frontenac, Washington, and St. Peters. The TEAP will fund 80% of the cost of the projects, up to \$8,000 per project and the local project sponsors will provide the matching funds. The total element is estimated at \$91,900. The amended work element is attached.

Staff Recommendation: Staff recommends that the FY 2018 UPWP be amended to include element 2.10: MoDOT Traffic Engineering Assistance Program for a total of \$91,900.

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MODOT TRAFFIC ENGINEERING ASSISTANCE PROGRAM

2.10

Activities:

1. Provide engineering assistance to local public agencies to study traffic safety or operational issues.
 - a. Jefferson County – Old Lemay Ferry Road Phase 1 Speed Study and Safety Evaluation
 - b. City of Frontenac – Self Evaluation and ADA Transition Plan
 - c. City of St. Peters – Self Evaluation and ADA Transition Plan
 - d. City of Washington – ADA Transition Plan

Products/Outcomes:

- A. Reports on studies conducted for Jefferson County, City of Frontenac, City of St. Peters, and the City of Washington (*June 2018*).

Estimated Costs:

		Jefferson County	City of Frontenac	City of St. Peters	City of Washington	Total
<u>Federal:</u>						
FHWA	MoDOT	\$8,000	\$8,000	\$8,000	\$8,000	\$32,000
	Subtotal	\$8,000	\$8,000	\$8,000	\$8,000	\$32,000
<u>Local:</u>						
	Local Jurisdiction	\$13,900	\$2,000	\$2,000	\$42,000	\$59,900
	Subtotal	\$13,900	\$2,000	\$2,000	\$42,000	\$59,900
	TOTAL	\$21,900	\$10,000	\$10,000	\$50,000	\$91,900



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Memo to: Board of Directors

From: Staff

Subject: Modification of the FY 2018-2021 Transportation Improvement Program (TIP), *Connected2045*, and the Related Air Quality Conformity Determination – Requested by Illinois and Missouri Sponsors

Date: January 16, 2018

The Illinois Department of Transportation (IDOT), the City of Sullivan, and the Missouri Department of Transportation (MoDOT) have requested modifications to the FY 2018-2021 TIP, *Connected2045*, and related Air Quality Conformity Determination. In all, they are requesting to add one new project, modify 12 existing projects, and add one scoping project.

Illinois Modified Projects

IDOT has requested to modify three projects in the current TIP. These include cost increases for two projects and advancing one project to the current fiscal year. The cost increase for 6686D-17 will be funded through the IDOT safety set-aside, while 6650C-17 will be funded through the IDOT Americans with Disabilities Act (ADA) set-aside. TIP# 6804H-21 is being advanced from FY 2021 to FY 2018 and will be funded through bid savings from previously awarded projects during the current fiscal year.

These projects are summarized below:

Modified Projects - Illinois				
Sponsor / TIP # / County	Project Title - Limits	Description of Work	Current Cost/ Revised Cost	Reason for Change
IDOT / 6686D-17/ St Clair	IL 158 / 177 – At Plum Hill School Rd	Add Left Turn Lane	\$600,000 / \$805,000	Cost increase greater than 15%
IDOT / 6650C-17 / St Clair	North Belt West – Frank Scott Pkwy to 17 th Street	ADA Improvements	\$250,000 / \$325,000	Cost increase greater than 15%
IDOT / 6804H-21 / St Clair	IL 157 – Petroff Dr in Caseyville to 0.2 Mi n/o Hollywood Heights Rd	Resurfacing	\$2,000,000 / \$2,100,000	Accelerating from FY 2019 to FY 2018

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Missouri New Project

The City of Sullivan is requesting to add a new project to build a sidewalk. This project is funded with Surface Transportation Program – Small Urban (STP-N) funds. STP-N funds are allocated to cities that are not within the urbanized area, but have a population greater than 5,000.

This project is summarized on the next page:

New Project - Missouri					
Sponsor / TIP #	Title – Limits	Description of Work	County	Federal Cost	Total Cost
Sullivan / 6884-18	Main St Sidewalk – Elmont Rd to Community Center at Fair St	6' Sidewalk	Franklin	\$170,822	\$299,989
TOTAL:				\$170,822	\$299,989

Missouri Modified Projects

MoDOT has requested to modify nine projects in the current TIP. The I-270 project (6705D-17) is being split into two projects to accommodate a detour for the I-270 bridge improvements over Fee Fee Creek project. MoDOT intends to use advance construction¹ for 6705DD-18, meaning that the project initially will be funded with 100 percent state funds from MoDOT’s operations budget until federal funds become available. Three projects are being accelerated from FY 2019 to FY 2018. These projects are utilizing funds made available by delaying four projects from FY 2018 to FY 2019.

¹ Advance construction is a mechanism that enables a sponsor to start construction using non-federal funds, with the understanding that it may later convert the project to federal-aid funding and receive federal reimbursement. To be eligible for conversion, the project must qualify for federal funds.

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These projects are summarized below:

Modified Projects - Missouri				
Sponsor / TIP # / County	Project Title - Limits	Description of Work	Current Cost/ Revised Cost	Reason for Change
MoDOT / 6705D-17 / St. Louis	I-270 – At I-70 and MO 180 Interchanges	Rehabilitation of Concrete Pavement Ramps	\$2,668,000 / \$1,412,000	Split project into two. See below (TIP# 6705DD-18)
MoDOT / 6705DD-18 / St. Louis	I-270 Ramp – I-270 SB to I-70	Replace Concrete Pavement	\$0 / \$1,392,000	Split from TIP# 6705D-17 project and delaying to FY 2019
MoDOT / 6788R-17 / St. Charles	MO 94 – US 67 to MO H/J	Pavement Improvements	\$2,021,000 / \$1,970,000	Accelerating from FY 2019 to FY 2018
MoDOT / 6699B-17 / St. Louis City	MO D – Clara Ave to Grand Ave	Signal Improvements at Various Locations	\$1,820,000 / \$1,774,000	Accelerating from FY 2019 to FY 2018
MoDOT / 6705Z-17 / St. Louis	MO 366 – At Westbound On Ramp at I-44	Bridge Replacement (Bridge A1008)	\$6,289,000 / \$6,134,000	Accelerating from FY 2019 to FY 2018
MoDOT / 6651N-16 / St. Louis	MO 109 – At MO 100	Bridge Improvements (A2738)	\$3,255,000 / \$3,255,000	Delaying from FY 2018 to FY 2019
MoDOT / 6705F-17 / St. Louis City	I-64 – 18 th St to Broadway	Bridges A1516, A1517, A1518, A1519, A1520 and A1521	\$5,279,000 / \$5,279,000	Delaying from FY 2018 to FY 2019
MoDOT / 6811X-18 / St. Louis	MO 364 – At Bennington Place in Maryland Heights	Drainage Improvements	\$620,000 / \$620,000	Delaying from FY 2018 to FY 2019
MoDOT / 6811F-18 / St. Charles	MO 79 – At Salt River Rd	Bridge Improvements (A4729)	\$1,355,200 / \$1,355,200	Delaying from FY 2018 to FY 2019

Missouri Scoping Project

MoDOT is requesting to add one new scoping project to the TIP. MoDOT's scoping policy is intended to ensure that projects have defined scopes and construction cost estimates before they are committed to the TIP. At this time, there is no construction funding committed to these projects and the projects entail preliminary engineering only (30 percent engineering). MoDOT intends to use advance construction for this scoping project.

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The scoping project is summarized below:

Scoping Project - Missouri					
Sponsor / TIP #	Project Title - Limits	Description of Work	County	Fed / Total Cost for Design	Est. Cost Range for Construction
MODOT / 6852U-18	I-55 Outer Rd – Over Railroad Tracks s/o MOZ	Bridge Rehabilitation	Jefferson	\$0/ \$130,000	\$500,000 to \$1 million

Staff Recommendation: Staff recommends that the FY 2018-2021 TIP, *Connected2045*, and related Air Quality Conformity Determination be revised to add one new project, modify 12 projects, and add one scoping project as summarized above and detailed in the attachment. These projects are exempt with respect to air quality in accordance with federal regulations (40 CFR 93.126).

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Amendment # 0118-048
TIP # 6884-18

PROJECT SPONSOR: City of Sullivan

ACTION REQUESTED: Revise FY 2018 of the FY 2018-2021 TIP to add a project

TITLE: Main St Sidewalk

LIMITS: Elmont Rd to Community Center at Fair

DESCRIPTION: 6' Sidewalk

COUNTY: Franklin

FUNDING SOURCE: Surface Transportation Program – Small Urban (STP-N)

	<u>Federal</u>	<u>Match</u>	<u>Total</u>
PE	\$0	\$0	\$0
ROW	\$0	\$0	\$0
Implementation	\$170,822	\$129,167	\$299,989
Total	\$170,822	\$129,167	\$299,989

AIR QUALITY CONFORMITY: Exempt – Bicycle and pedestrian facilities (§ 93.126)

STAFF RECOMMENDATION: Approval



EAST-WEST GATEWAY
Council of Governments

Creating Solutions Across Jurisdictional Boundaries

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Memo to: Board of Directors

From: Staff
Subject: Regional Security Expenditures
Date: January 16, 2018

Staff is requesting authorization to expend funds in support of regional security that will improve the region's disaster preparedness and response capabilities. Funding will come from the U.S. Department of Homeland Security's Urban Areas Security Initiative (UASI) and the Assistant Secretary of Preparedness and Response (ASPR) Hospital Preparedness grant programs. Attachment A summarizes this purchases totaling **\$327,276.86**. Also attached is a summary description of all budgeted expenditures from the UASI grants (Attachment B).

1. **St. Louis Regional Health Care Coalition Emergency Response Plan** – We are requesting approval to hire a consultant who will assist with the development of a regional emergency response plan for the St. Louis Regional Health Care Coalition. 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. Other partners may include 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.

This project meets the requirements of the Hospital Preparedness grant program and will compliment and support similar efforts associated with the Urban Area Security Initiative (UASI) grant program. The plan's focus will be on assisting healthcare systems to prepare for, respond to, and recover from emergencies and disasters by developing functional healthcare coalitions and enabling the healthcare delivery system to save lives during emergencies and disasters that exceed the day-to-day capacity and capability of existing health and emergency response systems. When completed the plan will include detailed guidance on how the St. Louis Regional Healthcare Coalition integrates with agencies at the local, regional, and state level during emergency operations. Total cost will not exceed **\$59,821**.

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2. **Incident Support Team (IST) Training** – The St. Louis Regional IST is comprised of trained first responders and emergency management personal from across the region. It is designed to work as a team supporting local authorities at incident command posts or in emergency operations centers during regional, statewide, and national incidents. The IST specialties include incident action planning, documentation, and communications support which improves upon command and control initiatives during major incidents and disasters. Therefore, we are requesting approval to provide two courses for the IST that will improve the response capabilities of the IST personnel. The courses are the All Hazard Incident Management Team and the Sustainment Training for All Hazard Incident Management Teams. Total costs will not exceed **\$46,500**

3. **Tactical Medical Training** – When local Emergency Medical Services (EMS) units respond to an active shooter incident they need skills in tactical law enforcement response so they can treat the wounded victims of the shooting. Providing medical care in the austere environment of a tactical law enforcement mission requires skills not taught in standard emergency medical or paramedic training curricula. EMS personnel need specialized training to function at violent active shooter incidents. These types of events have become more frequent as the violence associated with today’s drug culture and the continued threat of terrorism increases. Training provides EMS personnel with the ability to support a law enforcement tactical team and survive a violent street encounter when called to assist in an active shooter environment. Therefore, we are requesting approval to fund the Tactical Medical training course to be delivered in the St. Louis region. This 40 hour training course will be offered to 40 certified EMS personnel from across the region. Course topics include, Medical Threat Assessment; Downed Officer Rescue; Care Under Fire; Special Equipment and Kits; Toxic Hazards; and, Medical Support of Specific Operations. Total cost will not exceed **\$44,800**.

4. **Urban Search and Rescue (US&R) Training** – We are requesting approval to provide a series of US&R Technical Rescue Core Courses. These courses are Rope Rescue Level I/II; Confined Space Rescue Level I/II; Trench Rescue Level I/II; Structural Collapse Operations & Technician Course; Swiftwater Initial & Refresher Course; and, Boat Operator Course for a minimum of 24 students per course. In addition, Swiftwater/Flood rescue and Inland Helicopter Rescuer Training will be provided for 18 students per course. This training will be available to all fire agencies that participate in and support the St. Louis Heavy Rescue Task Force. Total cost will not exceed **\$113,911**

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5. **Law Enforcement Micro Rugged Robot** – We are requesting approval to purchase a Micro Rugged Robot for the Franklin County Sheriff’s Department. The robot has video capability that allows the law enforcement tactical officer the ability to obtain immediate visual reconnaissance during challenging indoor environments and rugged outdoor landscapes. It can move through any structure and transmit real-time video back to the operator to locate suspects or explosive devices, and enable the ability to gain situational awareness during incidents involving high-risk warrants, barricaded suspects and hostage rescues. Total cost will not exceed **\$15,145**.
6. **Inflatable Shelter Tent** – We are requesting approval to purchase an inflatable shelter tent for the Madison County, Illinois Emergency Management Agency. The shelter tent will be utilized as a volunteer reception center, an alternate emergency operations center or as a staging area for specialized response teams. The purchase will include an electrical generator, shelter lighting, a transport cart, and various accessories. Total cost will not exceed **\$34,799.86**
7. **Ultraviolet (UV) Disinfection Unit** – As a result of the Ebola Virus Disease (EVD) epidemic in Africa and the United States hospitals’ experience with EVD during the fall of 2014, a need has been identified for specialized medical equipment to combat the potential spread of infectious diseases among the region’s healthcare facilities. Therefore, we are requesting approval to purchase an ultraviolet disinfection unit that will be used to kill bacteria and viruses. The UV Unit can be set up quickly and allows an individual to be disinfected by standing in front of the unit. It can be transported by local EMS units to hospitals, health clinics, Points of Dispensing (PODs), incident scenes or other locations where it is important to decontaminate individuals before triage, or treatment can occur. The St. Charles County Ambulance District has agreed to maintain the UV Unit and provide it regionally upon request. Total cost will not exceed **\$12,300**

The purchases described in this memo are being made in accordance with the agency’s procurement policy.

Staff Recommendation: Staff recommends that the Board approve the expenditure of funds as follows:

- allow the Executive Director to enter into a contract with Hagerty Consultants to develop the St. Louis Regional Health Care Coalition Emergency Response Plan for an amount not to exceed **\$59,821**;

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- allow the Executive Director to enter into contract with the University of Missouri Fire Rescue Training to deliver the All Hazard Incident Management Team and Sustainment Training for All Hazard Incident Management Teams training in an amount not to exceed **\$46,500**;
- allow the Executive Director to enter into a contract with Rescue Training Incorporated to deliver the Tactical Medical Training in an amount not to exceed **\$44,800**;
- allow the Executive Director to enter into a contract with University of Missouri Fire Rescue Training to deliver the Rope Rescue Level I/II; Confined Space Rescue Level I/II; Trench Rescue Level I/II; Structural Collapse Operations & Technician; Swiftwater Initial and Refresher courses in an amount not to exceed **\$77,800**;
- allow the Executive Director to enter into a contract with Spec Rescue International to deliver the Boat Operator course in an amount not to exceed **\$5,085**;
- allow the Executive Director to enter into a contract with S4 Risk Management to deliver the Swiftwater/Flood, Inland Helicopter Rescuer Training in an amount not to exceed **\$31,026**;
- for the purchase of a micro robot from Recon Robotics, Incorporated in an amount not to exceed **\$15,145**;
- for the purchase of an inflatable shelter tent from Air Shelters USA, LLC in an amount not to exceed **\$34,799.86**; and,
- for the purchase of an ultraviolet disinfection unit from ClorDiSys Solutions, Incorporated in an amount not to exceed **\$12,300**

for a total amount not to exceed **\$327,276.86** from the UASI and the ASPR Hospital Preparedness grant programs.

ATTACHMENT A
Expenditures for Equipment and Services
January 16, 2018

<u>Vendor</u>	<u>Description</u>	<u>Jurisdiction/Agency</u>	<u>Quantity</u>	<u>Cost</u>
Emergency Response Planning & Equipment (ASPR)				
Hagerty Consulting (Evanston, IL)	St. Louis Regional Healthcare Coalition Emergency Response Plan	MO Portion of the Region	1	\$59,821
ClorDiSys Solutions, Inc. (Somerville, NJ)	Ultraviolet (UV) Disinfection Unit	St. Charles County (MO)	1	\$12,300
Emergency Response Planning & Equipment (UASI)				
University of Missouri Fire Rescue Training Institute (Columbia, MO)	Incident Support Team Training	Regional	2	\$46,500
Rescue Training, Inc. (Savannah, GA)	Tactical Medical Training	Regional	1	\$44,800
University of Missouri Fire Rescue Training Institute (Columbia, MO)	Urban Search & Rescue Training (Rope Rescue Level I/II, Confined Space Rescue Level I/II, Trench Rescue Level I/II, Structural Collapse Operations & Technician, Swiftwater Initial & Refresher Courses)	Regional	7	\$77,800
Spec.Rescue International (Virginia Beach, VA)	Urban Search & Rescue Training (Boat Operator Course)	Regional	1	\$5,085
S4 Risk Management (Misenheimer, NC)	Urban Search & Rescue Training (Swiftwater/Flood, Inland Helicopter Rescuer Course)	Regional	1	\$31,026
Recon Robotics, Inc (Edina, MN)	Rugged Micro Robot	Franklin County, MO	1	\$15,145
Air Shelters USA, LLC (Hatboro, PA)	Inflatable Shelter Tent	Madison County, IL	1	\$ 34,799.86
TOTAL EXPENDITURES				\$ 327,276.86

Total ASPR Expenditures: \$72,121

Total UASI Expenditures: \$255,155.86

ATTACHMENT B
Cumulative Budgeted Expenditures for Major Projects under Urban Areas Security Initiative
through Fiscal Year 2016

	Total Budgeted	Prior amount approved by EWG Board	This request	Remaining to be approved	
Critical Response Teams					
A key goal under the UASI Strategy is to strengthen our critical response teams. We have largely accomplished this goal with hazardous materials and heavy rescue equipment and training. These teams are capable of responding to terrorist attacks, industrial accidents or natural disasters like earthquakes and tornadoes. Another element of critical response includes medical supplies for mass casualty incidents. The MCI trailers represent the first stage of meeting this need for the EMS community. Also included is equipment for Incident Management Teams that will consist of emergency responders from all disciplines. These mobile teams are activated to support emergency responders managing an event where the event continues over many hours or days.	Hazmat / HR	\$18,524,651	\$18,367,521	\$0	\$157,130
	Mass Casualty Incident Management Teams	1,172,980	1,091,753	0	81,227
		2,355,312	2,211,194	0	144,118
Law Enforcement Tactical Team Equipment					
There are 7 law enforcement tactical response units in the region which need communications, tactical lights and personal protective equipment. Three of the teams will receive tactical vehicles and Metro Air Support will receive a helicopter and other equipment to support response to a variety of terrorist incidents.	Misc equipment:	9,008,351	8,886,613	15,145	106,593
	Tactical vehicles:	4,514,819	4,514,819	0	0
Interoperable Communications					
A variety of projects come within the description of Interoperable Communications. Radio caches, satellite phones and video conferencing and the Land Mobile Radio Communications Plan are included, as well as a microwave tower backbone system.	Radios, phones, video conf. etc:	8,618,026	8,579,774	0	38,252
	Microwave system:	9,338,047	9,188,047	0	150,000
	Radio Plan:	694,300	674,300	0	\$20,000
		5,278,534	5,278,534	0	0
The Virtual EOC					
The virtual EOC strengthens regional collaboration on a day to day basis through a web based interactive network that links the region's eight EOC's and numerous other users for planning, preparing for and responding to an incident. In future years we hope to add a robust Geographic Information System capability.					

ATTACHMENT B
Cumulative Budgeted Expenditures for Major Projects under Urban Areas Security Initiative
through Fiscal Year 2016

	Total Budgeted	Prior amount approved by EWG Board	This request	Remaining to be approved
Emergency Patient Tracking	\$2,422,320	\$2,422,320	\$0	\$0
<p>Patient Tracking allows emergency medical services and hospitals to rapidly enter data about a patient into a secure wireless web-based tracking system. The data includes identification, triage condition and transport information and allows the hospitals to balance patient loads and provide information to families.</p>				
Universal ID Project	557,812	557,812	0	0
<p>This system provides a uniform identification card for fire, law enforcement and volunteers with credential information embedded in the card.</p>				
Expand Public Health Capabilities	2,806,739	2,764,402	0	42,337
<p>Local public health agencies are working to prepare the region and protect citizens and first responders in the event of bioterrorism and natural diseases. Work is underway to establish an automated syndromic surveillance system for the early detection of naturally occurring or man made disease outbreaks.</p>				
Mass Casualty Equipment, Medical Supplies and Software for Hospitals	2,219,599	2,177,244	0	42,355
<p>Hospitals are preparing the region for a response to a medical surge or mass casualty incident (MCI) by staging emergency response trailers that are equipped with medical supplies, cots and bedding at selected hospitals for deployment anywhere in the St. Louis region. In addition, the hospitals will dispense medicine to employees, their families and patients in the event of a large-scale bioterrorist or naturally occurring illness. The hospitals have software that will help with the dispensing of this medicine and the management of an MCI when it occurs.</p>				
Disaster Incident Management System for Hospitals and Tactical Response	\$2,351,808	\$2,270,308	\$0	\$81,500
<p>The disaster incident management software system provides a tactical incident management capability for hospitals and response teams that includes federally required forms and plans. For the hospital systems it also includes a regional bed tracking capability.</p>				

ATTACHMENT B
Cumulative Budgeted Expenditures for Major Projects under Urban Areas Security Initiative
through Fiscal Year 2016

	Total Budgeted	Prior amount approved by EWG Board	This request	Remaining to be approved
Terrorism Early Warning Center				
The TEW is operated by the St. Louis Metropolitan Police Department and the St. Louis County Police Department and serves as a central clearinghouse for information and intelligence to help detect and prevent acts of terrorism.	\$ 3,328,332	\$3,288,721	\$0	\$39,611
Citizen Preparedness				
This program includes Citizen Emergency Response Teams and other similar teams designed to educate the public about disaster preparedness and train them to assist their neighbors. Expenditures include equipment and training to help citizens learn to respond to hazards as part of a team in their neighborhood or workplace, and public information. The program also includes the sheltering project which brings generators and shelters into the region to protect citizens who need shelter.	2,682,666	2,632,666	34,800	15,200
Regional Coordination Planning				
Includes regional emergency coordination planning, mutual aid improvements, public information and enhancements to critical infrastructure protection.	1,024,051	1,024,051	0	0
Exercises				
A regional Full Scale Exercise (FSE) will be held during the second quarter of 2016. The FSE scenario will be terrorist based involving a mass casualty incident and will involve regional hospitals, public health, fire and law enforcement agencies.	386,500	371,500	0	15,000
Training				
Most disciplines have received and will continue to attend training activities to enhance their skills. Included are heavy rescue, hazmat, incident management teams, law enforcement, public health and hospitals.	4,135,608	3,907,918	205,211	227,690
Totals:	\$81,420,455	\$80,209,497	\$255,156	\$1,161,013

¹ This total represents the sum of UASI funds awarded for equipment and contractual obligations for fiscal years 2003 - 2016. The schedule represents the cumulative amount spent, from both open and closed grants, on major projects since the inception of the Homeland Security Grant Program.