

FY 2022

Unified Planning Work Program

FINAL

Regional Intergovernmental Council

Kanawha - Putnam Metropolitan Planning Organization

June 10, 2021

315 D Street • South Charleston, WV • 25303

RESOLUTION

WHEREAS, The Fixing America's Surface Transportation Act (FAST Act) requires a Unified Planning Work Program (UPWP) be adopted by each Metropolitan Planning Organization; and

WHEREAS, The Regional Intergovernmental Council (RIC) is the Metropolitan Planning Organization for the Charleston, WV Metropolitan Area; and

WHEREAS, The Final Fiscal Year 2022 UPWP describes the transportation planning activities to be undertaken by RIC during Fiscal Year 2022, beginning July 1, 2021, for the Charleston, WV Metropolitan Planning Area, as well as the funding sources and amounts to undertake these activities.

NOW THEREFORE BE IT RESOLVED that the Regional Intergovernmental Council adopts the Unified Work Program for the Fiscal Year 2022.

So, resolved this 10th day of June 2021



Jennings B. "Jay" Snodgrass Jr., Chairman
Regional Intergovernmental Council

The Unified Planning Work Program

The Unified Planning Work Program (UPWP) details the transportation planning work activities to be performed by the Regional Intergovernmental Council (RIC) transportation planning staff during fiscal year 2022 within the RIC Metropolitan Planning Area of Kanawha and Putnam counties in West Virginia. It can also, by extension, become an important vehicle for implementing elements of the current Metropolitan Transportation Plan (MTP). To this end, when feasible, MTP projects will be programmed in UPWP work tasks.

The RIC MTP is updated on a four-year cycle. RIC's last MTP update, Kanawha – Putnam 2045 Regional Transportation Plan, was completed and adopted by the RIC Policy Board on September 7, 2017. The focus of RIC's transportation planning efforts and resources in the first half of FY 2022 will be finalizing and adopting the MTP. The RIC Congestion Management Plan (CMP) was completed in FY 2018 in conjunction with the MTP. As part of the Huntington, WV Urbanized Area Transportation Management Area (TMA), RIC partnered in 2014 with its sister agency in Huntington, the KYOVA Interstate Planning Commission MPO, on the development of a congestion management process for that area, which includes a small portion of Putnam County. The existing TMA CMP will continue to function as the CMP of record for that portion of Putnam County that is within the TMA. The RIC CMP which was developed for the entirety of RIC's transportation planning area will advise and make recommendations to the TMA CMP. RIC staff coordinates all planning efforts with KYOVA staff that jointly affect both planning regions.

RIC transportation planning staff spent FY 2019 and 2020 updating the RIC Kanawha – Putnam Bicycle and Pedestrian Plan and developing the Hazardous Intersection Study, which were recommendations from the last MTP update. RIC transportation planning staff also assisted the Kanawha Valley Regional Transportation Authority (KVRTA) with several transit planning tasks and will be working closely with their staff to perform these initiatives.

The majority of FY 2021 was spent updating the Metropolitan Transportation Plan. This update began in FY 2020 with developing a scope of work, consultant procurement, and the beginning stages of stakeholder outreach. In FY 2021 the public involvement period continued, and the RIC staff worked with Kimley Horn and Associates to update socioeconomic data and the travel demand model. Public involvement was included throughout all stages of the planning process and specifically included individualized

stakeholder engagement and four public meetings to gain the public's input on project prioritization and the draft plan. Throughout FY 2021 and the first half of 2022 the RIC staff has coordinated with stakeholders, the MTP Steering Committee, and the consultant to prioritize projects and update the multimodal elements of the MTP. It is anticipated that this plan will be complete and adopted by the RIC board in September 2021.

The remainder of FY 2022 will focus on implementing the MTP and developing studies to further the advancement of projects recommended in the MTP. RIC staff will also continue studying hazardous intersections by conducting road safety audits at locations determined by the staff and Transportation Technical Advisory Committee.

The Americans with Disabilities Act (ADA) stipulates that each community is required to ensure public facilities and services are accessible by all people. Over the past several years local municipalities have utilized RIC staff to complete ADA Self-Evaluations and ADA Transition Plans. During FY 2022 RIC staff will continue to work with municipalities to educate, train, and/or evaluate their existing infrastructure deficiencies in order to prioritize upgrades and update their ADA Transition Plans.

Many of RIC's transportation planning activities are guided by initiatives and provisions contained within the most recent federal surface transportation legislation, known as the Fixing America's Surface Transportation Act (FAST Act). A key feature of the FAST Act calls for the establishment of a performance-based transportation planning process at the metropolitan level. This process focuses on setting, monitoring and attaining system performance goals in seven key areas; safety, infrastructure condition, congestion reduction, system reliability, freight movement and economic vitality, environmental sustainability, and reduced project delivery delays. RIC has incorporated performance-based planning into the planning work program as guidance continues to be released by FHWA, FTA, and WVDOH.

Currently, the RIC has adopted the performance targets set by WVDOT which were established in cooperation with MPOs, public transportation providers and other stakeholders. RIC will continue to coordinate with WVDOT and transportation providers, adopt performance targets and develop performance reports to meet regulations set forth in the FAST Act.

FAST Act Planning Emphasis Areas

The Fixing America's Surface Transportation Act (FAST Act) specifies certain performance measures to be included by the RIC in the development of transportation programs and plans. Listed below is a summary of how the RIC's FY 2021 Unified Planning Work Program plans to address and incorporate these performance measures.

1) Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency.

UPWP Elements 301122 (Long-Range Plan Development), 301422 (Short-Range Planning) and 301822 (Special Studies) – provide for development and coordination of multimodal plans to promote efficient and safe transportation of people, goods and services in the region, thus promoting economic opportunities and opening local business activities to a broader market base.

2) Increase the safety of the transportation system for motorized and non-motorized users.

UPWP Element 301122 (Long-Range Plan Development) and Element 301422 (Short-Range Planning) – incorporate Safety Conscious Planning in the Metropolitan Transportation Plan and Intersection and Corridor improvement recommendations. UPWP Element 301822 (Special Studies) considers the safety of users in hazardous intersections and corridors through the analysis of crash data and travel times for intersection and corridor studies. UPWP Element 301622 (Database /GIS) gathers crash data and regular updates to the regional Crash Database. UPWP Element 301222 (Transportation Improvement Program) and 301822 (General Transit Planning) identify and support projects that will increase the safety of the transportation system.

3) Increase the security of the transportation system for motorized and non-motorized users.

UPWP Element 301422 (Short-Range Planning), Element 301722 (General Transit Planning) and 301822 (Special Studies) – coordinate with, and provide assistance to, KVRTA, the WV Department of Military Affairs and other local law enforcement agencies on Homeland Security issues as requested.

4) Increase the accessibility and mobility of people and freight.

UPWP Element 301122 (Long-Range Plan Development) – provides for outreach to freight transportation providers and alternative uses of facilities to move people and goods. UPWP Element 301722 (General Transit Planning) includes several work activities intended to enhance regional transit opportunities. UPWP Element 301822 (Special Studies) includes work activities to increase the accessibility and mobility of people utilizing the bicycle and pedestrian network.

5) Protect and enhance the environment, promote energy conservation, and improve quality of life, and promote consistency between transportation improvements and state and local planned growth and economic development patterns.

UPWP Elements 301122 (Long-Range Plan Development), 301221 (Transportation Improvement Program), 301822 (General Transit Planning), and 301422 (Short-Range Planning) – these elements provide, promote and/or recommend projects which are air quality neutral, improve air quality by reducing vehicle use, reduce congestion, promote increased traffic flow efficiency, and/or provide alternate transportation modes. Additionally, Elements 301122 and 301222 advance and/or recommend projects consistent with local planned economic and growth areas to provide efficient transportation services which encourage economic development.

UPWP Element 301422 (Short-Range Planning) include preparing a State of the Region transportation monitoring report which will measure or identify areas of traffic congestion and develop strategies and improvement projects for reducing area congestion, resulting in a decrease in mobile pollution emissions and traffic delays.

6) Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight.

UPWP Element 301122 (Long-Range Plan Development), Element 301222 (Transportation Improvement Program) and Element 301722 (General Transit Planning)- promote plans and projects involving all modes of transportation

and connections among facilities. UPWP Element 301822 (Special Studies) includes work activities to increase the accessibility and mobility of people utilizing the bicycle and pedestrian network.

7) Promote efficient system management and operation.

Element 301422 (Short-Range Planning) – promote projects to improve traffic flow and improve intersection and corridor operations. Element 301822 (Special Studies) – identify hazardous intersections in the Kanawha and Putnam region, identify proven safety counter measures to improve safety.

8) Emphasize the preservation of the existing transportation system

UPWP Element 301122 (Long-Range Plan Development), Element 301222 (Transportation Improvement Program) and Element 301422 (Short-Range Planning) - promote improvements to and maintenance of the existing transportation system.

9) Improve the resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation.

UPWP Element 301122 (Long-Range Plan Development), Element 301222 (Transportation Improvement Program) and Element 301422 (Short-Range Planning) – support projects and plans to improve resiliency and reliability of the existing transportation system. UPWP Element 301622 (Database /GIS) provides needed data and analysis to support future projects and plans.

10) Enhance travel and tourism.

UPWP Element 301122 (Long-Range Plan Development), Element 301222 (Transportation Improvement Program), Element 301422 (Short-Range Planning) and Element 301822 (Special Studies) - promote improvements to and maintenance of the existing transportation system to improve the economic conditions of the metropolitan planning area.

**RIC Transportation Planning Budget
FY 2022**

Element Number	Work Element	Federal FHWA	Local RIC	Local WVDOT	Total Match	Total	Person Months
301022	Management & Administration	\$ 72,079	\$ 9,010	\$ 9,010	\$ 18,020	\$ 90,099	11.2
301122	Long-Range Transportation Plan	\$ 148,007	\$ 18,501	\$ 18,501	\$ 37,002	\$ 185,009	23.0
301222	Transportation Improvement Program	\$ 22,542	\$ 2,818	\$ 2,818	\$ 5,636	\$ 28,178	3.5
301422	Short-Range Transportation Planning	\$ 28,100	\$ 3,513	\$ 3,513	\$ 7,025	\$ 35,125	4.4
301622	Database/GIS	\$ 48,599	\$ 6,075	\$ 6,075	\$ 12,150	\$ 60,749	7.6
301722	General Transit Planning	\$ 22,607	\$ 2,826	\$ 2,826	\$ 5,652	\$ 28,259	3.5
301822	Special Studies	\$ 172,064	\$ 21,508	\$ 21,508	\$ 43,016	\$ 215,081	26.8
		\$ 514,000	\$ 64,250	\$ 64,250	\$ 128,500	\$ 642,500	80.0

Project ID	Element	DIRECT EXPENSES						Total Direct	Indirect	Total
		Salaries	Fringe Benefits	Contracted Services	Travel	Printing	*Other			
301022	Management and Administration	\$47,981	\$17,273	\$ -	\$ 500	\$ 450	\$ 2,570	\$ 68,774	\$ 21,325	\$ 90,099
301122	Long Range Plan Development	\$60,550	\$21,798	\$ 75,000	\$ -	\$ 750	\$ -	\$158,098	\$ 26,911	\$ 185,009
301222	TIP	\$15,505	\$ 5,582	\$ -	\$ -	\$ 200	\$ -	\$ 21,287	\$ 6,891	\$ 28,178
301422	Short Range Planning	\$18,607	\$ 6,699	\$ -	\$1,500	\$ 50	\$ -	\$ 26,856	\$ 8,270	\$ 35,125
301622	Database GIS	\$24,910	\$ 8,968	\$ -	\$ 500	\$ 50	\$15,250	\$ 49,678	\$ 11,071	\$ 60,749
301722	General Transit	\$15,356	\$ 5,528	\$ -	\$ 500	\$ 50	\$ -	\$ 21,434	\$ 6,825	\$ 28,259
301822	Special Studies	\$62,640	\$22,550	\$100,000	\$2,000	\$ 50	\$ -	\$187,240	\$ 27,840	\$ 215,081
	TOTAL	\$245,549	\$88,398	\$175,000	\$5,000	\$1,600	\$17,820	\$533,367	\$ 109,134	\$ 642,500

*Other includes equipment, equipment maintenance, supplies, and public notices

Indirect Cost is estimated from the FY20 rate.

Sub-Elements

301022 Management and Administration

DIRECT EXPENSES	Salaries	\$ 47,981
	Fringe Benefits	\$ 17,273
	Contracted Services	\$ -
	Travel	\$ 500
	Printing	\$ 450
	*Other	\$ 2,570
Total Direct		\$ 68,774
Indirect		\$ 21,325
Total		\$ 90,099

Element #	301022
Total Cost	\$ 90,099
Participating Agencies:	
FHWA	\$ 72,079
WWDOT	\$ 9,010
RIC	\$ 9,010

Description:

- 1) Complete transportation planning-related submissions including invoices, budgets, audits, contracts and applications as required throughout the fiscal year.
- 2) Supervise daily transportation planning activities performed by RIC staff.
- 3) Continue maintenance of a continuing, cooperative and comprehensive (3-C) Planning Process.
- 4) Review and amend, as needed, all contracts and agreements which impact the transportation planning process.
- 5) Continue the Transportation Technical Advisory Committee activities in the transportation planning process.
- 6) Continue local transit coordination activities with KVRTA.
- 7) Conduct needed planning, monitoring and administrative review functions.
- 8) Maintain RIC's public participation process.

- 9) Develop coordination procedures with all transportation-related resource agencies.
- 10) Convene regular and special meetings of the RIC Policy Board for the purpose of discussing, debating and making decisions regarding regional transportation issues.
- 11) Support the state in performance-based planning and programming and target setting.

Work Activities:

- 1) Recommend transportation planning activities, policies, projects and priorities to the RIC Policy Board.
- 2) Maintain necessary staffing levels and provide staff training, as needed, to meet the demands of the transportation planning process.
- 3) Maintain records, reports, budgets, financial records and applications as needed.
- 4) Maintain technical committees (TTAC and ad hoc as necessary), including activities such as distributing meeting notices, minutes, planning study information, maintenance of membership, and orientation of members.
- 5) Provide information and education to the Transportation Technical Advisory Committee on RIC's ongoing transportation planning activities.
- 6) Prepare agendas, meeting notices, minutes, reports and special assignments to assist the public participation program. Develop procedures to meet the goals of environmental justice regulations.
- 7) Review applications for the Transportation Alternatives and National Recreation Trails Fund grant programs. Assist local governments, as requested, in developing grant applications for transportation improvement projects. Provide grant administration for transportation improvement projects as requested.
- 8) Monitor, and coordinate with, all WVDOT transportation planning studies and any other transportation planning efforts by other agencies within the region.
- 9) Coordinate transportation planning activities with local, regional and statewide resource agencies.

- 10) Continue to support the state in performance-based planning and programming and target setting. Attend meetings and trainings as needed for continued cooperation.
- 11) Maintain RIC's website and social media to publish appropriate documents and notices.
- 12) Produce the "RIC Messenger" quarterly newsletter and the RIC Annual Report as part of RIC's public participation program.
- 13) Hold at least three (3) regular meetings and one (1) annual meeting of the RIC Policy Board; hold up to four (4) RIC Executive Committee meetings. Undertake all activities to establish, schedule, and hold said meetings, including publicity, records, and reports both before and after such meetings.

Products:

- 1) FY 2023 Budget and Unified Planning Work Program (UPWP).
- 2) Minutes and agendas of TTAC Meetings.
- 3) Funding applications and financial records as required.
- 4) A transportation planning process that supports adopted performance targets.
- 5) Web-based transportation planning documents and notices.
- 6) Three (3) issues of the "RIC Messenger" quarterly newsletter and one (1) RIC Annual Report.
- 7) Agendas, minutes, and all meeting materials for RIC Policy Board meetings.

**301122 Long - Range
Transportation Plan**

DIRECT EXPENSES	Salaries	\$ 60,550
	Fringe Benefits	\$ 21,798
	Contracted Services	\$ 75,000
	Travel	\$ -
	Printing	\$ 750
	*Other	\$ -
Total Direct		\$ 158,098
Indirect		\$ 26,911
Total		\$ 185,009

Element #	301122
Total Cost	\$ 185,009
Participating Agencies:	
FHWA	\$ 148,007
WVDOT	\$ 18,501
RIC	\$ 18,501

Description:

During FY 2018, the RIC transportation planning staff, in partnership with the consulting team from Kimley-Horn, Inc. completed work begun in FY 2017 on the Kanawha – Putnam 2045 Regional Transportation Plan (MTP) update. The existing MTP was adopted by the RIC Policy Board in September 2017, amended in December 2017 and again in June 2018. The 2045 MTP included a *State of the System Report* that attempted to establish baseline parameters related to performance targets, which evolved into the System Performance Report that is updated annually. The MTP update process also included development of a Congestion Management Process (CMP) for the RIC transportation planning area consisting of Kanawha and Putnam counties.

Throughout FY 2021 RIC staff continued the MTP update, which began in FY 2020, and engaged Kimley Horn and Associates to assist. RIC staff held individualized stakeholder engagement throughout Kanawha and Putnam counties, updated socioeconomic data and the travel demand model. The RIC Staff also scheduled, advertised, and hosted four public meetings in an effort to prioritize projects and present the draft MTP. The RIC staff coordinated with stakeholders, the MTP Steering Committee, and the public to prioritize transportation projects over the plan horizon. During FY 2022 the RIC staff will coordinate with the consultant to update all the multimodal elements of the MTP to include; but not be limited to, highway, bicycle and pedestrian, transit, safety and security, freight, and planning level NEPA process. The MTP is anticipated to be complete and adopted in September 2021.

Work Activities:

- 1) Coordinate public participation process
- 2) Utilize consultant services to assist with the MTP update.
- 3) Acquire, review and summarize all relevant existing data, studies and plans on the regional transportation system for integration into the MTP update.
- 4) Update travel demand model
- 5) Update multimodal elements, highway, bicycle and pedestrian, transit, safety and security and freight.
- 6) Prioritize transportation projects in Kanawha and Putnam counties.

Products

- 1) Updated multi-modal elements.
- 2) Continued public involvement.
- 3) Draft version of MTP update.
- 4) Final version of MTP and RIC Board Adoption.

301222 Transportation Improvement Program (TIP)

DIRECT EXPENSES	Salaries	\$ 15,505
	Fringe Benefits	\$ 5,582
	Contracted Services	\$ -
	Travel	\$ -
	Printing	\$ 200
	*Other	\$ -
Total Direct		\$ 21,287
Indirect		\$ 6,891
Total		\$ 28,178

Element #	301222
Total Cost	\$ 28,178
Participating Agencies:	
FHWA	\$ 22,542
WVDOT	\$ 2,818
RIC	\$ 2,818

Description:

- 1) Advance candidate transportation projects for inclusion in the TIP.
- 2) Amend the TIP as needed, including adding new transportation improvement projects, as well as revising funding amounts and type, schedule, etc.
- 3) Maintain a database indicating the status of all highway and transit improvement projects included within the TIP.
- 4) Incorporate transportation performance measures and targets into the TIP and ensure that all TIP projects reflect performance-based planning.
- 5) Ensure RIC's TIP and all transportation projects contained within it comply with all federal Clean Air Act requirements.
- 6) Ensure RIC's TIP and all transportation projects contained within it comply with all federal Title VI program and Environmental Justice requirements.
- 7) Develop new TIP document as required.

Work Activities:

- 1) Coordinate and receive candidate transportation improvement projects for inclusion in the TIP from the West Virginia Division of Highways, the Kanawha Valley

Regional Transportation Authority, the West Virginia Division of Transit and other agencies.

- 2) Update the TIP document, including the addition of amendments.
- 3) Update RIC's TIP transportation improvements projects database as needed.
- 4) Provide proposed TIP amendments and accompanying project descriptions to RIC's Transportation Technical Advisory Committee (TTAC) and Policy Board for review and approval.
- 5) Follow all transportation conformity requirements for TIP Amendments.
- 6) Review all proposed TIP amendments to ensure conformity with performance-based planning, Clean Air Act, Title VI and Environmental Justice requirements.
- 7) Perform any other tasks necessary for compliance with the FAST ACT, CAA and Title VI.
- 8) Publish legal notices within the Charleston Gazette advertising any proposed regionally significant amendments to the TIP.
- 9) Prepare an annual list of approved transportation improvement projects obligated by WV DOT during the previous fiscal year.
- 10) Maintain currently adopted TIP document and amendments list on RIC's website.

Products:

- 1) TIP amendments, including new projects and administrative amendments that support current performance targets
- 2) Adjusted TIP projects database as needed
- 3) Publish legal notices in Charleston Gazette when required
- 4) Annual list of state-obligated projects
- 5) Publication of RIC's current TIP and amendments on RIC's website

301422 Short-Range Planning

DIRECT EXPENSES	Salaries	\$ 18,607
	Fringe Benefits	\$ 6,699
	Contracted Services	\$ -
	Travel	\$ 1,500
	Printing	\$ 50
	*Other	\$ -
Total Direct		\$ 26,856
Indirect		\$ 8,270
Total		\$ 35,125

Element #	301422
Total Cost	\$ 35,125
Participating Agencies:	
FHWA	\$ 28,100
WVDOT	\$ 3,513
RIC	\$ 3,513

Description:

- 1) Provide transportation planning assistance and technical support to local governments within Kanawha and Putnam counties and to the Putnam County Transportation Committee.
- 2) Work in collaboration with the KYOVA Interstate Planning Commission MPO on the ongoing implementation and administration of the Congestion Management Plan and Process for the Putnam County portion of the Huntington TMA.
- 3) Work cooperatively with KYOVA and/or WVDOH on any transportation projects or plans that may impact or be located within the Putnam County portion of the Huntington TMA, as needed.
- 4) Continue implementation of Transportation Performance Management (TPM) practices as guidance is provided by the Federal Highway Administration (FHWA) and WV DOH.
- 5) Work cooperatively with WVDOH to set and adopt all performance targets for the Charleston Metropolitan Planning Area. More specifically, coordinate with KYOVA and WVDOH to set performance targets related to On-Road Mobile Source Emissions Reduction.
- 6) Coordinate with RIC's Comprehensive Economic Development Strategy (CEDS) to ensure consistency between the CEDS and transportation projects and strategies.
- 7) Prepare a state of the region's transportation system report as a part of RIC's Congestion Management Process.

- 8) Review a list of congestion "hot spot" locations within the region and determine if locations need to be added to or removed from the list.
- 9) Perform ongoing monitoring of the Kanawha and Putnam County highway transportation system through data analysis in order to determine congestion rates.

Work Activities:

- 1) Perform transportation planning assistance and technical support to local governments within Kanawha and Putnam counties and to the Putnam County Transportation Committee.
- 2) Administer and monitor the Putnam County portion of the Huntington TMA Congestion Management Process.
- 3) Perform work in cooperation with KYOVA on transportation projects or plans that may impact or be located within the Putnam County portion of the Huntington TMA. Prepare for the TMA Certification review that occurs every four years.
- 4) Implement and integrate Transportation Performance Management practices into the RIC transportation planning program as appropriate.
- 5) Assist in development of RIC's Comprehensive Economic Development Strategy (CEDS) to ensure consistency between the CEDS and transportation projects and strategies.
- 6) Prepare a state of the region's transportation system report as a part of RIC's Congestion Management Process.
- 7) Review a list of congestion "hot spot" locations within the region and determine if locations need to be added to or removed from the list.
- 8) Perform ongoing monitoring of the Kanawha and Putnam County highway transportation system through data analysis in order to determine congestion rates.

Products:

- 1) Transportation planning assistance and technical support to local governments within Kanawha and Putnam counties
- 2) Collaborative work with KYOVA on the Congestion Management Plan and Process for Putnam County portion of Huntington TMA

- 3) Collaborative work with KYOVA on transportation plans and studies for Putnam County portion of Huntington TMA
- 4) Transportation Performance Management practices integration into the RIC transportation planning program
- 5) 5-Year Comprehensive Economic Development Strategy (CEDS) transportation planning element and Annual Update
- 6) State of the region's transportation system report as a part of RIC's Congestion Management Process.
- 7) Updated Congestion "hot spot" location list
- 8) System monitoring of the roadway facilities in Kanawha and Putnam counties.

**301622 Transportation Database/
Travel Demand Model/
Geospatial Information
System (GIS)**

DIRECT EXPENSES	Salaries	\$ 24,910
	Fringe Benefits	\$ 8,968
	Contracted Services	\$ -
	Travel	\$ 500
	Printing	\$ 50
	*Other	\$ 15,250
Total Direct		\$ 49,678
Indirect		\$ 11,071
Total		\$ 60,749

Element #	301622
Total Cost	\$ 60,749
Participating Agencies:	
FHWA	\$ 48,599
WV DOT	\$ 6,075
RIC	\$ 6,075

Description:

- 1) Maintain transportation database, including all current data required for travel demand model and other transportation planning activities.
- 2) Continue development of GIS system, including staffing, education, hardware, software, and data.
- 3) Maintain and improve the RIC travel demand model as needed.
- 4) Maintain and update RIC's crash and traffic count database.
- 5) Respond to census data, census data mapping, traffic count data and traffic count mapping requests from RIC staff, regional agencies, businesses, and the public.
- 6) Assist local governments with new data from the 2020 Census.
- 7) Provide GIS services and mapping to the Kanawha Valley Regional Transportation Authority (KVRTA).

Work Activities:

- 1) Continue the acquisition and updates of GIS base mapping for adequate presentation and analysis of transportation data, and other presentation data as required.
- 2) Continue staff training in GIS and travel demand model platforms.
- 3) Upgrade hardware and software components as needed.
- 4) Provide maps and data for RIC transportation planning activities and local governments as needed.
- 5) Incorporate accident, traffic volume and other transportation data into RIC's GIS.
- 6) Coordinate with the WVDOT on all regional and statewide GIS activities.
- 7) Provide GIS services and mapping to the Kanawha Valley Regional Transportation Authority (KVRTA)
- 8) Update the RIC multi-modal crash database to coordinate with performance measure reporting requirements, corridor or intersection studies, or as needed.
- 9) Update highway Average Daily Traffic (ADT) counts and provide traffic count data and traffic count maps for RIC staff, regional agencies, and the public as requested.
- 10) Work with WVDOT and municipalities to improve traffic count database.
- 11) Update census database and produce census data maps for RIC staff, regional agencies, and the public as requested.
- 12) Assist local governments with newly released data from the 2020 Census.

Products:

- 1) Improved base mapping as acquired
- 2) Additional GIS data layers as they become available or are developed by RIC staff
- 3) GIS services and mapping to the Kanawha Valley Regional Transportation Authority (KVRTA)

- 4) Mapping, geospatial analysis and data presentation support for RIC's Kanawha – Putnam Bicycle and Pedestrian Plan.
- 5) Travel demand model output products as needed.
- 6) Updated crash database.
- 7) Updated roadway traffic count data and maps for RIC staff, regional agencies, and the public as requested.
- 8) Updated Census data reports and maps as requested by RIC staff, regional agencies, businesses, and the public.

301722 General Transit Planning

DIRECT EXPENSES	Salaries	\$ 15,356
	Fringe Benefits	\$ 5,528
	Contracted Services	\$ -
	Travel	\$ 500
	Printing	\$ 50
	*Other	\$ -
Total Direct		\$ 21,434
Indirect		\$ 6,825
Total		\$ 28,259

Element #	301722
Total Cost	\$ 28,259
Participating Agencies:	
FHWA	\$ 22,607
WVDOT	\$ 2,826
RIC	\$ 2,826

Description:

- 1) Provide long-term and short-term transit planning services to the Kanawha Valley Regional Transportation Authority (KVRTA) including transit performance-based planning.
- 2) Provide coordination, scheduling, hiring and training for personnel conducting surveys for KVRTA.
- 3) Provide public participation assistance to KVRTA by coordinating and hosting open house-style public outreach meetings within their service area.
- 4) Provide technical assistance to KVRTA including, but not limited to, mapping, GIS analysis and facilities location geocoding.
- 5) Provide assistance to KVRTA as needed for implementation of transit related transportation performance management strategies and targets.
- 6) Provide technical assistance to the WV Division of Public Transit (WVDPT) and regional paratransit providers.
- 7) Provide intergovernmental review of Section 5310 Capital Assistance grant applications within the region.
- 8) Provide a forum for coordination and communication among regional transit providers.

Work Activities:

- 1) Perform transit planning tasks for KVRTA as requested.
- 2) Coordinate surveys for KVRTA to analyze ridership trends and public opinion as requested.
- 3) Coordinate and host two (2) public participation meetings for KVRTA at various locations within Kanawha County as requested.
- 4) Produce mapping and perform GIS analysis for KVRTA and regional paratransit agencies as requested.
- 5) Coordinate with KVRTA and communities to relocate bus shelters and signs.
- 6) Coordinate with KVRTA and WVDPT to set and adopt transit related performance targets. Ensure potential projects support achievement of performance targets.
- 7) Perform an intergovernmental review of Section 5310 Capital Assistance grant applications within the RIC area.
- 8) Convene meetings of regional transit providers as needed to facilitate coordination and communication among them as needed.
- 9) Coordinate with the WV Division of Public Transit to produce or update the Coordinated Public Transit-Human Services Transportation Plan 2019.

Products:

- 1) General transit planning for KVRTA
- 2) KVRTA ridership survey and Public Participation Meetings as needed
- 3) Maps and GIS analysis for KVRTA and paratransit agencies as requested
- 4) Bus Shelter plan for KVRTA
- 5) Planning documents and projects that include and/or support performance targets.
- 6) Intergovernmental review for Section 5310 grant applications
- 7) Regional transit providers meetings as needed

301822 Special Studies

DIRECT EXPENSES	Salaries	\$ 62,640
	Fringe Benefits	\$ 22,550
	Contracted Services	\$100,000
	Travel	\$ 2,000
	Printing	\$ 50
	*Other	\$ -
Total Direct		\$187,240
Indirect		\$ 27,840
Total		\$215,081

Element #	301822
Total Cost	\$ 215,081
Participating Agencies:	
FHWA	\$ 172,064
WVDOT	\$ 21,508
RIC	\$ 21,508

Description:

Perform subarea, corridor, intersection and/or other multimodal studies based upon recommendations from the most recent Metropolitan Transportation Plan, or by request or recommendation from a local community or WVDOT. Such a study might collect and analyze highway or other transportation system data, determine traffic patterns and/or signal timing, and identify problems or deficiencies. Potential improvements will be identified and evaluated through a data-driven screening process and final recommendations for improvement projects will be made based upon that process.

In FY 2020 the RIC Board adopted the Kanawha – Putnam Bicycle and Pedestrian Plan Update. A recommendation of this plan was the continuation of the Bicycle and Pedestrian Advisory Committee to advise the RIC Policy Board on issues specifically related to bicyclists and pedestrians.

During FY 2020 and 2021 RIC Staff completed the Hazardous Intersection Study. This study compiled crash data and public observations to identify hazardous intersections or corridors within Kanawha and Putnam counties. The intersections or corridors identified as hazardous were prioritized further to conduct several Road Safety Audits. RIC Staff worked with Burgess and Niple Inc. and local stakeholders to analyze and select recommendations to improve the safety of five locations. These recommendations were included in the on-going update of the MTP. In future years RIC staff will continue to analyze crash data and conduct additional Road Safety Audits at hazardous locations.

In FY 2021, most of RIC's work was consumed by the MTP update, which will recommend various studies to be undertaken and/or completed in FY 2022. RIC will also assist local municipalities with the development of an ADA Transition Plan and assistance with grant applications as requested.

Work Activities:

- 1) Convene regular meetings of RIC's Bicycle and Pedestrian Committee. Update Kanawha – Putnam Bicycle and Pedestrian Plan as needed.
- 2) Coordinate with WVDOH and assist communities with ADA Transition Plans to ensure compliance.
- 3) Coordinate with other agencies on bicycle and pedestrian activities, including Transportation Alternatives and Recreational Trail grant applications.
- 4) Conduct Road Safety Audits or other small-scale studies.

Products:

- 1) Technical assistance with ADA transition plan
- 2) Technical assistance on bicycle and pedestrian activities and grant applications. Coordination with other agencies to complete bicycle and pedestrian activities and grant applications.
- 3) Road Safety Audit and recommendations to improve local safety.