BOARD OF ALDERMEN
Work Session Agenda
CITY OF PARKVILLE, MISSOURI
Tuesday, May 16, 2023 5:00 PM
City Hall Board Room

1. GENERAL AGENDA

A. Citizen's Academy Outline (Administration)

B. Federal and State Grant Funding for City Infrastructure Projects (Community Development)

C. Burlington Northern Santa Fe Hazmat and Railroad Safety (Police)

2. ADJOURN

Posted Date & Time: 5/12/23; 3:15 p.m. By: MM

CITY OF PARKVILLE
Policy Report

Date: May 4, 2023

Prepared By:

Reviewed By:

ISSUE:
Citizen's Academy Outline (Administration)

BACKGROUND:

BUDGET IMPACT:

ALTERNATIVES:

STAFF RECOMMENDATION:

ATTACHMENTS:
None

CITY OF PARKVILLE
Policy Report

Date: April 26, 2023

Prepared By:

Stephen Lachky, Community Development Director

Reviewed By:
Alexa Barton, City Administrator
Bryan Kidney, Interim Finance Director

ISSUE:
Federal and State Grant Funding for City Infrastructure Projects (Community Development)

BACKGROUND:
ROUTE 9 CORRIDOR
On January 5, 2016, the Board of Aldermen adopted the Route 9 Corridor Study. The study contains preliminary engineering designs for multimodal improvements at twelve project segments along Route 9 from Route 45 to Mattox Road in Riverside, Mo. To-date, the City has successfully completed Complete Streets improvements from MO 45 Highway to Lakeview Drive (Phases 1 and 2) and from 6th Street to 4th Street (Phase 3). On July 19, 2022, the Board of Aldermen approved Resolution No. 22-011 endorsing an application to the Mid-America Regional Council (MARC) for federal funding via the MARC 2022 Call for Projects to help fund transportation improvements along the Route 9 corridor from 4th Street, to Park College Entrance Dr., and from S. Crooked Road and Route FF to the intersection with MO 9 Highway. On February 28, 2023, the City received its official award of $3,200,000 in STBG federal funding and on January 11, 2023, the City received a separate award of $1,787,950 from Missouri Department of Transportation's (MoDOT) Governor's Transportation Cost Share Program for the Route 9 Corridor Complete Streets Improvements project.

BELL ROAD CORRIDOR
On April 19, 2022, the Board of Aldermen received a presentation of the Northwest Bell Road Complete Streets Proposal from the University of Missouri – Kansas City's (UMKC) Spring 2022 Senior Urban Planning + Design Studio. The study contains a comprehensive analysis of the corridor's existing conditions, complete street concepts to create safe corridor environments for all road users, and includes recommended future land use and road improvements along the corridor. On July 19, 2022, the Board of Aldermen approved Resolution No. 22-012 endorsing an application to MARC for federal funding via the MARC 2022 Call for Projects to help fund safety and sidewalk improvements, and landscaping for stormwater management, along NW Bell Rd from MO-45 Highway to Hamilton Rd. On February 28, 2023, the City received its official award of $750,000 in Transportation Alternatives Program (TAP) federal funding.

MoDOT Local Public Agency (LPA) AGREEMENTS
MoDOT's LPA Program requires the City enter into an agreement with the Missouri Highways and Transportation Commission in order to receive and dispense the awarded federal funding. The agreements define the project locations and project schedules and require reasonable progress policy deadlines and all applicable state and federal requirements for the reimbursement program. In order to accept and receive any federal grant funding, MoDOT requires an ordinance authorizing execution of the agreement from the City by the end of the 2023, However, in order to accept and

receive any state grant funding per the Governor's Transportation Cost Share Program, MoDOT requires an ordinance authorizing execution of the agreement from the City by June 1, 2023. As a result, staff is presenting information to the Board of Aldermen this evening to discuss options moving forward for these two infrastructure projects.

BUDGET IMPACT:
MARC requires a commitment of at least 20 percent via local match funding to support the 80 percent of federal share grant funding awarded. For the Route 9 Corridor Complete Streets Improvements project, this amounts to $800,000. While MoDOT's Governor's Transportation Cost Share program requires 50 percent via local match funding (amounting to $1,787,950), the awarded $3,200,000 in MARC federal share grant funding counts towards this amount. The estimated amount of local match needed for this phase of the Route 9 project is $2,012,050.

For the Bell Road Pedestrian Improvements project, the 20 percent local match requirement amounts to $187,500; and the estimated amount of local match needed is $1,045,000.

Route 9 Corridor Complete Streets Improvements (Downtown Triangle Segments) – Project Cost Estimates	
Total Project Costs (Rounded up to account for inflation)	**$7,000,000**
Grant Funding Awarded	**$4,987,950**
MARC STBG-MO	*3,200,000*
MoDOT Governor's Transportation Cost Share	*$1,787,950*
Difference (Total Project Costs – Grant Funding Awarded) Local Match Needed	**$2,012,050**
Construction Cost Estimates	**$3,575,900**
Additional Cost Estimates (Right-of-Way Acquisition, Incidentals, Utilities, Inspection)	**$967,211**
Contingency (18%)	**$1,056,889**
Engineering & Design Costs	**$1,400,,000**
George Butler Associates (GBA) Conceptual Survey	*$130,000*
Confluence Conceptual Public Involvement/Aesthetics	*$105,000*
GBA Conceptual Roadway Engineering & Design	*$200,000*
GBA Preliminary/ROW Engineering & Design	*$400,000*
GBA and Confluence Preliminary/ROW Public Involvement	*$50,000*
GBA Final Engineering & Design	*$400,000*
GBA Contingency	*$115,000*

Bell Road Pedestrian Improvements (Missouri Hwy 45 to NW Hamilton St) – Project Cost Estimates	
Total Project Costs	**$1,795,000**
Grant Funding Awarded (MARC TAP)	**$750,000**
Difference (Total Project Costs – Grant Funding Awarded) Local Match Needed	**$1,045,000**
Construction Cost Estimates	**$1,280,000**
Additional Cost Estimates	**$515,000**

(Incidentals, Inspection, Conceptual Survey, Public Involvement, Preliminary/ROW, Final Engineering & Design)	

NEXT STEPS

Although the citywide vote for a 2% use tax on out-of-state and online purchases (i.e., Proposition U) failed on April 4, 2023, Platte County has revenues available via its 3/8th transportation sales tax which can be used for regionally-significant transportation projects. The City plans to reach out to Platte County staff to formally request funding for the Route 9 Corridor Complete Streets Improvements project. However, because the Bell Road Pedestrian Improvements project is a local project, Platte County would likely deny funding via their 3/8th transportation sales tax for this project. By June 1, 2023, the City would need to enter into agreements with the Missouri Highways and Transportation Commission due to their Governor's Transportation Cost Share Program policy. Said agreements require Board of Aldermen authorization via ordinance, and would bind the City to committing future local match funds, reasonable progress deadlines and state and federal requirements.

Staff has spoken with D.J. Gehrt (City Administrator, Platte City) and Bob Heim (Public Works Director, Platte County) about this process; as the City of Platte City, Mo. recently requested and was provided approximately $2.2 million of funding from Platte County's leftover transportation funding via their 3/8th transportation sales tax. D.J. said the transportation project must show a regional benefit and provide the necessary information to Bob Heim. Bob said the process isn't too formal; rather, the City requesting funding would put together a one-to-two page document detailing the project scope, funding needs, etc. The Platte County Commissioners have regularly-scheduled work sessions every Monday morning at 9:00 a.m., and Bob would present this information to the Commissioners. If there's consensus to support the project, Bob would then work directly with the City of Parkville to prepare a funding agreement, which would then go before the Commission for approval consideration at one of their regularly-scheduled meetings (held the first and third Mondays of each month).

Staff has prepared a funding request letter as well as a two-page flyer detailing the Route 9 Corridor Complete Streets Improvements project and our request for $2 million in funding.

If the City is unsuccessful in obtaining the $2 million match from Platte County, the City would need to find the source of funding within the current City resources. Preliminary debt service estimates range between $153,000 for a 20 year term to $243,000 for a 10 year term (will need to finalize estimates with an Underwriter). Options that may be available for this repayment include:

1. Reduction of the City's current Mill and Overlay street maintenance program,
2. Creation of a Transportation Development District (TDD) within the boundaries of improvements,
3. Passage of a citywide Sales or Use tax measure

Passage of a General Obligation Bond property tax measure With regard to the Bell Road Pedestrian Improvements project, one alternative to reduce construction and project costs is to modify the scope and shorten the length of the project boundaries (currently 0.9 miles from Hwy 45 to NW Hamilton St.) to 0.25 miles from Lime Stone Road to NW 63rd St., which would still provide a pedestrian connection from The South National to the Parkville Commons. The City could potentially save $725,000 in total project costs by using the $750,000 of TAP grant funding for construction costs, and providing $320,000 in local match to cover both the engineering & design costs, which would fulfill

MARC's local match requirement. The process for modifying the project scope is to formally go before MARC's Active Transportation Programming Committee (ATPC) to request the change, so that an amendment can be made to the project scope in MARC's Transportation Improvement Program (TIP).

ALTERNATIVES:

1. Receive information regarding federal and state grant funding awarded for City of Parkville infrastructure projects.
2. Provide feedback to staff regarding federal and state grant funding awarded.
3. Have staff conduct additional research.

STAFF RECOMMENDATION:
Staff recommends the Board of Aldermen receive information regarding federal and state grant funding awarded for City infrastructure projects.

ATTACHMENTS:
1. Aerial Reference Map - Route 9 Corridor
2. Aerial Reference Map - Bell Road
3. MARC Award Letter - Route 9
4. MoDOT Award Letter - Route 9
5. MARC Award Letter - Bell Road
6. MoDOT Award Letter - Bell Road
7. 3. Funding Request Letter to Platte County
8. 4. Hwy 9 Complete Streets Improvements Flyer

Route 9 Corridor Complete Streets Improvements

Aerial Map of Project Boundaries

Bell Road Pedestrian Improvements

Aerial Map of Project Boundaries

600 Broadway, Suite 200
Kansas City, Missouri 64105-1659

816-474-4240
816-421-7758 FAX
marcinfo@marc.org
www.marc.org

MARC
MID-AMERICA REGIONAL COUNCIL

March 3, 2023

Stephen Lachky
City of Parkville, MO
8880 Clark Avenue
Parkville, MO 64152

RE: Route 9 Corridor Complete Streets Improvements
TIP #420010

Dear Mr. Lachky:

Congratulations, the above referenced project was awarded $3,200,000 in 2026 Missouri Surface Transportation Block Grant Program (STBG) funds through MARC's Missouri STP Priorities Committee in November 2022. Since that time, the 2025-26 STBG funding recommendations were approved by the MARC Board of Directors and have been incorporated into the *2022-2026 Transportation Improvement Program*.

In order to receive your awarded funds, coordination and agreement with the Missouri Department of Transportation (MoDOT) will be necessary. We request that you contact Marisela Ward with MoDOT at the following to coordinate project development activities and begin moving your project towards obligation.

Missouri Department of Transportation
600 NE Colbern Rd.
Lee's Summit, MO 64086
Phone: (816) 607-2252
Email: Marisela.Ward@modot.mo.gov

As directed by the MARC Transportation Program Local Match Policy and Strategy, updated by the MARC Board of Directors in 2020, a 1.0% fee will be assessed on the awarded federal funding and invoiced in 2023. For the above referenced project, this will amount to $32,000.

The above referenced project is also subject to the *Reasonable Progress Policy for Federal Transportation Funds Programmed by MARC,* adopted in January 2014 by the MARC Board of Directors. The policy is available for review on the MARC website at: https://www.marc.org/sites/default/files/2022-08/MARC-reasonable-progress-policy.pdf.

Thank you for your interest in MARC funding programs, and good luck with your project.

Regards,

Marc Hansen, AICP
Principal Planner
Mid-America Regional Council

Chair
Carson Ross
Mayor
Blue Springs,
Missouri

1st Vice Chair
Janeé Hanzlick
Commissioner
Johnson County,
Kansas

2nd Vice Chair
Beto Lopez
Mayor Pro Tem
Lee's Summit,
Missouri

Treasurer
Damien Boley
Mayor
Smithville,
Missouri

Secretary
Holly Grummert
Councilmember
Overland Park,
Kansas

Executive Director
David A. Warm

MoDOT

Missouri Department of Transportation

Kansas City District
Chris Redline, P.E., District Engineer

600 Northeast Colbern Rd.
Lee's Summit, Missouri 64086
816.607.2280
Fax: 816.622.6550
1.888.ASK MODOT (275.6636)

February 28, 2023

Re: STBG - Route 9 Corridor Complete Streets Improvements

Ms. Alysen M. Abel, P.E.
Public Works Director
City of Parkville, MO

It is my pleasure to notify you that the Route 9 Corridor Complete Streets Improvements has been awarded $3,200,000 in STBG funding, for federal fiscal year 2026. Please note that this is a **reimbursement** program, not a grant program, and MoDOT **must** approve all federally reimbursed work in advance.

This project has been assigned federal project number **STBG-3400445.** Please include the federal project number on all future correspondence.

The coordination for environmental review now occurs via our RER website: https://www6.modot.mo.gov/RERProject/Pages/Login. Please review closely the instructions provided on the website regarding account creation and the review process. A specialist in our Central Office will review and coordinate this process in collaboration with your team and myself.

I look forward to working with you to implement this project. If you have any questions, please contact me at (816) 607-2136 or (katie.jardieu@modot.mo.gov).

Sincerely,

Katie F. Jardieu, GISP, CFM
Sr. Transportation Planner

600 Broadway, Suite 200
Kansas City, Missouri 64105-1659

816-474-4240
816-421-7758 FAX
marcinfo@marc.org
www.marc.org

MARC
MID-AMERICA REGIONAL COUNCIL

March 3, 2023

Stephen Lachky
City of Parkville, MO
8880 Clark Avenue
Parkville, MO 64152

RE: Bell Road Pedestrian Improvements
TIP #420009

Dear Mr. Lachky:

Congratulations, the above referenced project was awarded $750,000 in 2026 Missouri Transportation Alternatives Program (TAP) funds through MARC's Active Transportation Programming Committee in November 2022. Since that time, the 2025-26 TAP funding recommendations were approved by the MARC Board of Directors and have been incorporated into the *2022-2026 Transportation Improvement Program*.

In order to receive your awarded funds, coordination and agreement with the Missouri Department of Transportation (MoDOT) will be necessary. We request that you contact Marisela Ward with MoDOT at the following to coordinate project development activities and begin moving your project towards obligation.

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600 NE Colbern Rd.
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Phone: (816) 607-2252
Email: Marisela.Ward@modot.mo.gov

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The above referenced project is also subject to the *Reasonable Progress Policy for Federal Transportation Funds Programmed by MARC,* adopted in January 2014 by the MARC Board of Directors. The policy is available for review on the MARC website at: https://www.marc.org/sites/default/files/2022-08/MARC-reasonable-progress-policy.pdf.

Thank you for your interest in MARC funding programs, and good luck with your project.

Regards,

Marc Hansen, AICP
Principal Planner
Mid-America Regional Council

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Executive Director
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MoDOT

Missouri Department of Transportation

Kansas City District
Chris Redline, P.E., District Engineer

600 Northeast Colbern Rd.
Lee's Summit, Missouri 64086
816.607.2280
Fax: 816.622.6550
1.888.ASK MODOT (275.6636)

February 28, 2023

Re: TAP – Bell Road Pedestrian Improvements

Ms. Alysen M. Abel, P.E.
Public Works Director
City of Parkville, MO

It is my pleasure to notify you that the Bell Road Pedestrian Improvements project has been awarded $750,000 in TAP funding, for federal fiscal year 2026. Please note that this is a **reimbursement** program, not a grant program, and MoDOT **must** approve all federally reimbursed work in advance.

This project has been assigned federal project number **TAP-3400449.** Please include the federal project number on all future correspondence.

The coordination for environmental review now occurs via our RER website: https://www6.modot.mo.gov/RERProject/Pages/Login. Please review closely the instructions provided on the website regarding account creation and the review process. A specialist in our Central Office will review and coordinate this process in collaboration with your team and myself.

I look forward to working with you to implement this project. If you have any questions, please contact me at (816) 607-2136 or (katie.jardieu@modot.mo.gov).

Sincerely,

Katie F. Jardieu, GISP, CFM
Sr. Transportation Planner

CITY OF PARKVILLE ▪ 8880 Clark Avenue ▪ Parkville, MO 64152 ▪ (816) 741-7676 ▪ FAX (816) 741-0013

Platte County Commission Office
Platte County Administration Building
415 Third St., Room 210
Platte City, MO 64079

May 16, 2023

Re: Request for funding for Route 9 Corridor Complete Streets Improvements project

Presiding Commissioner Fricker, First District Commissioner Wood, and Second District Commissioner Vanover,

Please accept this letter as the City of Parkville's official request for funding from Platte County's 3/8th transportation sales tax to support our *Route 9 Corridor Complete Streets Improvements* project. Route 9 is a regional corridor from downtown Kansas City, through North Kansas City, Riverside, Parkville, and up to Interstate 29 near Platte Woods; containing an AADT of 10,696, 1,000-3,999 of which are trucks per *MARC's Kansas City Regional Freight Outlook*. Since 2016, we've been implementing Complete Streets improvements along Missouri Highway 9; and we're currently exploring improvements to a 0.6-mile segment of the roadway through our major downtown intersection (i.e., the downtown "triangle").

Although we were recently awarded Surface Transportation Block Grant (STBG) funding from the Mid-America Regional Council (MARC) and Governor's Transportation Cost Share funding from the Missouri Department of Transportation (MoDOT), we are seeking $2,000,000 from Platte County via its 3/8th transportation sales tax to fulfil our local match commitment and remaining project costs in order to bring this project to fruition. Improving Route 9 is the City's number one transportation priority per our *Parkville 2040 Master Plan*, and the corridor is regionally-significant to Platte County. Thus, attached for reference is a flyer containing more information about this project, as well as the benefits provided to Platte County residents.

Please let us know if you have any questions. We appreciate the opportunity to partner with Platte County and make our regional transportation system more modern, efficient and safe for everyone. Thank you.

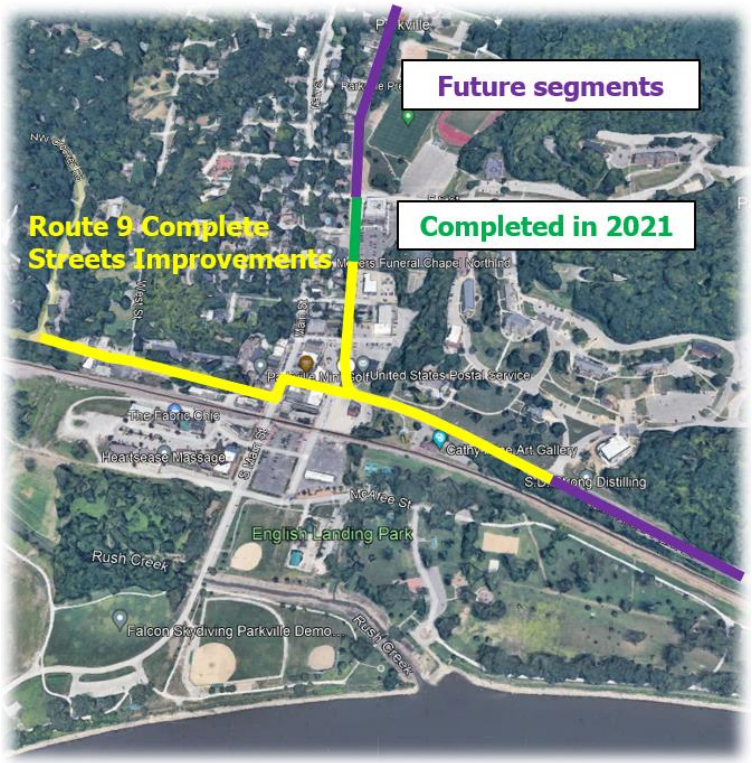
Sincerely,

_____	_____.	_____
Dean Katerndahl Mayor	Philip Wassmer Ward 1 Aldermen	Tina Welch Ward 1 Aldermen
_____	_____.	_____
Brian Whitley Ward 2 Aldermen	Bob Bennett Ward 2 Aldermen	Douglas Wylie Ward 3 Aldermen
_____	_____.	_____
Stephen Melton Ward 3 Aldermen	Michael Lee Ward 4 Aldermen	Allyson Berberich Ward 4 Aldermen

Cc: Alexa Barton, City Administrator
Stephen Lachky, Community Development Director
Daniel Harper, Public Works Director

Missouri Highway 9

- Constructed in 1922 as a two-lane, undivided roadway (14 mi. length) from I-70 in downtown Kansas City, Mo. to I-29 near Platte Woods, Mo.
- No major upgrades over the past 100 years — lacks adequate shoulders, access control, turn lanes, and infrastructure for non-motorized, active transportation users (bicyclists & pedestrians).
- Section through downtown Parkville, Mo. has an Average Annual Daily Traffic (AADT) volume of 10,696 (projected to be 17,700 by 2050); 1,000-3,999 of which are freight trucks.
- Proposed improvements include additional turning lanes (including widened bridge over White Alloe Creek), curb & gutter, 10 ft. shared-use path, 5 ft. sidewalks, delineated crosswalks, street lights, and a new traffic signal at the 1st Street intersection.



Awarded Funding

Program	Type	FY Obligation	Amount
Mid-America Regional Council (MARC) Federal-Aid Transportation Funding	STBG-MO	2026	*$3,200,000
Missouri Department of Transportation (MoDOT) Governor's Transportation Cost Share Funding	-	2023	$1,787,950
Total			**$4,987,950

*MARC policy requires project entities provide a local match commitment of funding equaling at least 20 percent of total project costs, which amounts to $800,000 for this project. Additionally, MARC policy requires a one percent (1%) project fee assessed on the amount of grant funding awarded, which amounts to $32,000 for this project.

**Grant funding from MARC and MoDOT can only be used for construction costs, and are not eligible for expenses related to right-of-way acquisition, incidentals, utilities, construction inspection, and final engineering & design.

Route 9 Corridor Complete Streets Improvements			
Construction Cost Estimates			**$3,575,900**
Item	**Unit**	**Total Quantity**	**Cost**
Mobilization	*L.S.*	*4*	*$85,081.60*
Removal of Improvements	*L.S.*	*4*	*$125,120.00*
Embankment in Place	*C.Y.*	*195*	*$3,212.21*
Type 1 Aggregate for Base (6 in. Thick)	*S.Y.*	*5,266*	*$71,345.98*
Type A2 Shoulder	*S.Y.*	*973*	*$65,341.92*
Full Depth Pavement	*Ton*	*1,481*	*$173,939.64*
Guardrail Type A	*L.F.*	*482*	*$19,875.30*
Pedestrian Fence (Structures)	*L.F.*	*0*	*$0.00*
Concrete Median	*S.Y.*	*0*	*$0.00*
Concrete Curb Ramp	*S.Y.*	*137*	*$18,161.18*
Truncated Domes	*S.F.*	*804*	*$27,405.28*
Concrete Sidewalk, 4 in.	*S.Y.*	*3,828*	*$258,472.90*
Concrete Curb & Gutter (2'-0")	*L.F.*	*7,146*	*$180,866.66*
Retaining Walls	*C.Y.*	*11*	*$22,171.03*
18 in. Pipe Group A	*L.F.*	*4,150*	*$403,632.12*
Precast Concrete Drop Inlet 5 ft. X 3 ft.	*Each*	*28*	*$140,134.40*
Pavement Marking	*L.S.*	*4*	*$23,022.08*
Signage, New and Relocated	*Each*	*40*	*$46,920.00*
Signal Installation	*Each*	*1*	*$375,360.00*
Erosion Control	*L.S.*	*3*	*$60,057.60*
Maintenance of Traffic	*L.S.*	*3*	*$60,057.60*
Bridge Replacement	*Each*	*1*	*$1,000,000.00*
Street Lighting	*Total*	*N/A*	*63,858.20*
Mill & Overlay	*Ton / S.Y.*	*2,503 / 22,251*	*351,864.60*
Additional Cost Estimates (Right-of-Way Acquisition, Incidentals, Utilities, Inspection)			**$967,211**
Contingency (18%)			**$1,056,889**
Engineering & Design Costs			**$1,285,000**
George Butler Associates (GBA) Conceptual Survey			*$130,000*
Confluence Conceptual Public Involvement/Aesthetics			*$105,000*
GBA Conceptual Roadway Engineering & Design			*$200,000*
GBA Preliminary/ROW Engineering & Design			*$400,000*
GBA and Confluence Preliminary/ROW Public Involvement			*$50,000*
GBA Final Engineering & Design			*$400,000*
Total Project Costs (Rounded up from $6,885,000 to account for inflation)			**$7,000,000**
Grant Funding Awarded			**$4,987,950**
MARC STBG-MO			*3,200,000*
MoDOT Governor's Transportation Cost Share			*$1,787,950*
Difference (Total Project Costs – Grant Funding Awarded) Local Match Needed			**$2,012,050**

CITY OF PARKVILLE
Policy Report

Date: May 9, 2023

Prepared By: Reviewed By:

ISSUE:
Burlington Northern Santa Fe Hazmat and Railroad Safety (Police)

BACKGROUND:

BUDGET IMPACT:

ALTERNATIVES:

STAFF RECOMMENDATION:

ATTACHMENTS:
None