Project Application Form



Surface Transportation Block Grant Program

2018 Call for Projects

For the St. Louis Region

Road Project Type

Sponsoring Agency:	
Project Title:	
Federal Amount Requested:	

Applications Due: June 14, 2018 by 4:00 pm



SURFACE TRANSPORTATION BLOCK GRANT PROGRAM (STP-S) ROAD – PROJECT APPLICATION FORM

Please refer to the STP-S Project Development Workbook and the STP-S Scoring Criteria Guide for more information on the program requirements, available funding, and scoring criteria. The STP-S Project Development Workbook, STP-S Scoring Criteria Guide, and supplement materials are available on the East-West Gateway Council of Governments (EWG) STP-S Call for Projects web page.

PLEASE NOTE:

This project application form is for the road project type. There are separate project application forms for the other project types, including: bridge, traffic flow, safety, active transportation, transit, and freight/economic development. If your agency is interested in applying for those project types, please obtain the application form from the EWG STP-S Call for Projects web page, or contact EWG staff for more information.

The call for projects begins February 26, 2018 and ends on June 14, 2018 at 4:00 pm. Applications received after the deadline will not be accepted. Submit the completed application and necessary attachments electronically to EWG at stps@ewgateway.org. Please submit one application per email. Electronic copies can also be delivered on a CD or USB drive. You will receive an email confirmation within one business day of submittal. If you do not receive confirmation or have questions about the application, contact EWG staff.

Project sponsors must also submit one (1) hard copy (including attachments) to:

East-West Gateway Council of Governments

Attention: Transportation Planning Department – STP-S

Gateway Tower

One Memorial Drive, Suite 1600

St. Louis, MO 63102-2451

The hard copy must be delivered to EWG or postmarked by the deadline. The information provided in this application is public record.

Project sponsors wanting feedback on applications may submit a preliminary copy by April 20, 2018 to EWG at stps@ewgateway.org. EWG staff will review the applications submitted and will return comments by email by May 10, 2018. If a preliminary application is submitted for feedback, a final application must still be submitted by June 14, 2018.

If you have any questions, contact Jason Lange at 314/421-4220 (MO) or 618/274-2750 (IL), or email at stps@ewgateway.org.

PROJECT CHECKLIST AND SUBMITTAL REQUIREMENTS

The evaluation and scoring of all projects will be based on the answers provided in the application and the attachments submitted. Submit one paper copy and one electronic copy; both versions must include all required signatures and attachments. Save the electronic copy as a PDF file using the following format: 2018STPS_[Sponsor]_[Project Name].pdf.

The materials should be submitted in the following order.

Project Applicat	ion:
	Project application fee – ½ of one percent of federal funds requested. Make checks payable to "East-West Gateway Council of Governments" or "EWGCOG." Completed STP-S application
	Required signatures – Notification of Title VI & Nondiscrimination Requirements, Financial Certification of Matching Funds, Person of Responsible Charge Certification, Right-of-Way Acquisition Certification Statement (Missouri only), Policy on Reasonable Progress Certification (Missouri only).
Attachment A:	
	 Project location map – depict the location of the project on a base map such as a town road map, GIS map, aerial photo, or another base map suitable to clearly show the project's overall location. Provide on an 8 ½ x 11 page. Project location is used by EWG to determine: geographic scale project categorization (i.e., 'within community' or 'outside community') score for Environmental Justice
	 score for employment density score for intermodal connections (i.e., located in an industrial site area or
	connected to Primary Highway Freight System)
	Detailed cost estimate – use Estimate of Project Costs excel file provided by EWG. Letter of permission from facility owner – provide if sponsor does not own roadway. Letter of support from match source – provide if individual, business, other local public agency, or other third-party is providing matching funds.
Attachment B:	
H	Photographs – attach photo(s) of the current roadway.
	 Detailed map – if applicable, provide a map showing: transit routes along or intersecting project limits
	 activity centers along project limits (i.e., a business district, retail center, medical facility, community center, park)
	 schools located within ½ mile of project limits freight facilities along project limits (i.e., intermodal freight facility, major freight generator, logistic center, manufacturing or warehouse industrial land, port)
	Typical section – show details of before and after roadway improvements.
	Road condition – show PASER calculations and include map documenting where pavement was inspected. Photos should be taken to document each location evaluated. The sponsor must perform visual inspection of a section of pavement at a uniform distance for at least every ½ mile of the project limits. If a project is located outside of a municipal boundary and is greater than
	one mile in length, perform inspection every ½ mile of the project limits.

<u>Attachment C</u> :	
	Crash rate and fatal and serious injury crash rate – use the Safety Calculator sheet in the Safety Supplement excel file provided by EWG. This form calculates the project's total crash rate and the fatal and serious injury crash rate. Input all crashes by severity occurring from 2011-2015 along the project limits.
	Summary of crashes – use the Crash Summary Form sheet in the Safety Supplement excel file provided by EWG. This form is used to log a summary of the individual crashes occurring from 2011-2015 along the project limits. Provide ALL fatal and serious injury crashes AND 10 minor injury and/or property damage only crashes that coincide with proposed countermeasure.
	Crash reports – attach a full crash report for each crash listed in the Crash Summary Form.
	Number the provided crash reports to match the order they are listed in the summary. Crash Modification Factor (CMF) – if project includes safety countermeasures, include CMF sheets from the CMF Clearinghouse website: www.cmfclearinghouse.org .
Attachment D:	
	Documentation of an approved or adopted plan, ordinance, and/or policy – do not attach entire plan documents, only include the necessary pages.
	Letters of support – endorsements or petitions from associations, boards, school districts, citizens, businesses, etc. Only attach letters of support that pertain to specific project.
	Documentation of public involvement process – public meeting minutes, newspaper clippings, press announcements, etc.
Attachment E:	
	Operations and maintenance – use Operations and Maintenance Form provided by EWG. Only submit one per sponsor.
	ITS architecture consistency – submit ITS Architecture Project Consistency Statement Form provided by EWG if project includes ITS elements or modifies existing ITS.
SUBMITTAL TYPE	(CHECK ONE): Preliminary application (for comments) – Due April 20, 2018 Final application – Due June 14, 2018

SPONSOR INFORMAT	ION					
Sponsoring agency:						
Secondary sponsor agency	(if applicable):					
Chief Elected Official/Chief						
Name:		Title:				
Street address:		1	•			
City:	State:	Count	y:		ZIP code:	
Project contact:						
Name:		Title:				
Agency:			•			
Street address:						
City:	State:	Coun	y:		ZIP code:	
Phone Number:		E-mail add	ress:			
Application contact:						
Name:			Phone	e Number:		
E-mail address:			•			
PROJECT INFORMATI	ON					
Project title:						
Project status:		Is this	applicat	ion request fo	or a piece of a	larger project
New project				entire length	•	. ,
Continuation of STP-S/	CMAQ/TAP project	<u> </u>	nase	•		
Add to existing non-fed			ıll projed	ct		
If project is a continuation of	of another project that	was previous	ly progr	ammed in the	e TIP, provide	TIP ID # of
existing project and also ex	plain this relationship:					
If this project is a phase of a	a full project, how man	y phases are	left to co	omplete the p	project? Briefly	explain each
phase (i.e., project limits an	d general improvemer	nts):				
Has your agency previously Yes No Unknown	-	or this specific	project	?		
If yes, when?						
ii yes, wileii!						
Estimated completion (cons	struction) month/year:	:				

ROADWAY INFORMATION				
Name of street or facility to be impr	oved:			
Does the sponsoring agency own and maintain this facility?				
Yes No Unknown				
If no, a letter of support for this proj	ect is required from ti	he facility owner.		
Project length (miles):				
Project limits – north/west reference	e point, cross street,			
or intersection:				
Project limits – south/east reference	e point, cross street,			
or intersection:				
Federal functional classification of re				
Roadway pavement condition (PASE				
	CURRENT:		PROPOSED:	
Traffic volumes (AADT):	,	Year:	Year:	
Speed limit of street:				
Number of through lanes:				
Number of turn lanes:				
Two-way left turn lanes?	Yes No		Yes No	
Typical lane width:				
Outside lane width:				
Shoulder width:				
On-street parking allowed?	Yes No		Yes No Unknown	
Curb and gutter?	Yes No		Yes No Unknown	
Sidewalks?	One-side Bo	th sides	One-side Both sides	
	None		None	
Sidewalk width:				
Sidewalk condition:	Poor Fair	Good		
	□ None n/a			
On-road bicycle facility ³ ?	Yes No Unknown			
Shared-use path or sidepath?	Yes No		Yes No Unknown	
Shared-use path or sidepath				
width:				
Located on or intersect transit	On route			
route?	Intersects route		,	
	∐ No		n/a	

 $^{^{1}\,\}text{EWG Functional Classification maps:}\,\,\underline{\text{http://www.ewgateway.org/transportation-planning/roadway-functional-classification/.}}$

² PASER Manual: http://epdfiles.engr.wisc.edu/pdf web files/tic/manuals/asphalt-paser 02 rev13.pdf.

³ On-road bicycle facility includes: bike lanes (separated, buffered, and standard) and shared-lane markings.

LAND ACQUISITION INFORMA	ATION
Status of right-of-way acquisition:	
All acquired or none needed	
☐ In process	
Not started	
	ls to be acquired (all properties, permanent and/or temporary easements,
TSCL, and other rights-of-way):	
If any residential or commercial displa	acements are anticipated, give details on how many and if they are
residential and/or commercial:	,
·	
Right-of-way acquisition by:	
Right-of-way condemnation by:	
	operty, such as a public park that has used federal funds (i.e., Land and
Water Conservation Funds) in the pas Yes No Unknown	lf.
Tes No Offictiowit	
UTILITY COORDINATION	
	e with utilities prior to construction.
UTILITY COORDINATION Note: Project sponsor must coordinat Will the project require the relocation	
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Note: Project sponsor must coordinat Will the project require the relocation Yes No Unknown If yes, check the appropriate box to se	
Note: Project sponsor must coordinat Will the project require the relocation Yes No Unknown	of any utilities?
Note: Project sponsor must coordinat Will the project require the relocation Yes No Unknown If yes, check the appropriate box to se Electric Phone	of any utilities?
Note: Project sponsor must coordinat Will the project require the relocation Yes No Unknown If yes, check the appropriate box to se Electric Phone Gas	of any utilities?
Note: Project sponsor must coordinat Will the project require the relocation Yes No Unknown If yes, check the appropriate box to se Electric Phone Gas Water	of any utilities?
Note: Project sponsor must coordinat Will the project require the relocation Yes No Unknown If yes, check the appropriate box to se Electric Phone Gas Water Cable TV	of any utilities?
Will the project require the relocation Yes No Unknown If yes, check the appropriate box to se Electric Phone Gas Water Cable TV Storm sewer	of any utilities?
Note: Project sponsor must coordinat Will the project require the relocation Yes No Unknown If yes, check the appropriate box to se Electric Phone Gas Water Cable TV	of any utilities?
Will the project require the relocation Yes No Unknown If yes, check the appropriate box to se Electric Phone Gas Water Cable TV Storm sewer	of any utilities?
Will the project require the relocation Yes No Unknown If yes, check the appropriate box to set Electric Phone Gas Water Cable TV Storm sewer Sanitary sewer	of any utilities? lect the type of utility. Then give the names of the utility companies.
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Note: Project sponsor must coordinat Will the project require the relocation Yes No Unknown If yes, check the appropriate box to se Electric Phone Gas Water Cable TV Storm sewer Sanitary sewer Give details concerning potential utility	of any utilities? lect the type of utility. Then give the names of the utility companies.

RAILROAD COORDINATION		
Does the project traverse any property Yes No Unknown	owned by a railroad?	
Is there a railroad within 500' of project	t limits?	
Name of railroad:		
Number of crossings impacted:		
Are the crossings active?	Yes No	
Width of crossing:		
What is the crossing type? Timber Rubberized Asphalt Concrete Other Describe other:		
PROJECT MAINTENANCE		
List any regular maintenance tasks ant		
Estimated annual cost to maintain faci	lity and funding source:	
AMERICANS WITH DISABILITIE	ES ACT	
	lities Act (ADA), Title II requires public e	
	on and create an effective ADA transition	on plan ⁴ .
Does your local public agency have mo Yes No Unknown	re than 50 employees?	
If yes, does your agency have an adopt Yes No Unknown	ed ADA transition plan?	
If your agency has an ADA transition p	an, when was it adopted?	
If ADA transition plan is not adopted, v	when is it expected to be adopted?	

⁴ FHWA Questions and Answers about ADA/Section 504: https://www.fhwa.dot.gov/civilrights/programs/ada_sect504qa.cfm.

PROJECT DESCRIPTION
Provide a brief description of the purpose of the project and the scope of work. Be as specific as possible.

PROJECT DEVELOPMENT SCHEDULE

Note: Many stages can occur concurrently.

Activity Description	Start Date (MM/YYYY)	Finish Date (MM/YYYY)	Time Frame (Months)
Receive notification letter	11/2018	11/2018	1
Execute agreement (project sponsor and DOT)			
Engineering services contract submitted and approved*			
Obtain environmental clearances (106, CE-2, etc.)			
Public meeting/hearing			
Develop and submit preliminary plans			
Preliminary plans approved			
Develop and submit right-of-way plans			
Review and approval of right-of-way plans			
Submit and receive approval for notice to proceed for right-of-way acquisition (A-Date)*			
Right-of-way acquisition			
Utility coordination			
Develop and submit PS&E			
District approval of PS&E/advertise for bids*			
Submit and receive bids for review and approval			
Project implementation/construction			
* Finish slate and the state of the slate of			

^{*} Finish date must match fiscal year for each milestone shown in **bold** text.

FINANCIAL PLAN

Note: Fiscal years are federal fiscal years (October 1 through September 30). Federal participation for a phase of work must not exceed 80% in Missouri and 75% in Illinois.

	Starting	T	CTD C 5		Sponsor
A saturta.	Federal Fiscal	Total Phase Cost	STP-S Funds	Sponsor Share	Share
Activity	Year		Requested		Percentage
PE / Planning /	rv.				
Environmental Studies	FY				
Right-of-Way	FY				
Implementation	FY				
Construction	EV/				
Engineering	FY				
TOTAL	PROJECT COST				
Identify the source(s) of lo	ocal matching				
funds, and the amount fo	r each source:				

SAFETY		
Project type:		
Road segment		
Intersection		
Total number of crashes from 2011-2015 along project limits:		
Total crash rate:		
Fatal and serious injury crash rate:		
Total number of crashes by severity type along project limits:		
Fatal (K on the KABCO scale):		
Serious injury (A on the KABCO scale):		
Minor injury (B and C on the KABCO scale):		
Property damage only (O on the KABCO scale):		
Are there any undocumented safety issues?		
Yes No Unknown		
If yes, describe the undocumented safety issues:		
Does the project include any safety countermeasures?		
Does the project include any safety countermeasures? Yes No Unknown		
Yes No Unknown	Factor (CMF), and	the CMF ID
		the CMF ID
Yes No Unknown If yes, identify the safety countermeasure(s) proposed, its Crash Modification		the CMF ID
Yes No Unknown If yes, identify the safety countermeasure(s) proposed, its Crash Modification below (i.e., installation of safety edge treatment – CMF: 0.923 – CMF ID: 430.	3):	
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Does the proposed project incorporate any of the following bicycle-related improvements? Separated bike lane/cycle track/protected bike lane Shared-use path/trail Arterial sidepath Buffered bike lane Standard bike lane (not buffered) Marked shared roadway (shared-lane markings, "sharrow") Paved shoulder
 ☐ Wayfinding, bicycle racks or parking, or other end of trip facilities ☐ Other ☐ None
Describe other:
Does the project incorporate any innovative bicycle treatments (i.e., pavement colorings, bike boxes, bike detection)? Yes No Unknown
If yes, describe:
Does the proposed project incorporate any of the following pedestrian-related improvements? New sidewalks Sidewalk reconstruction Construction of new curb ramps Curb ramp reconstruction Sidewalk/roadway separation Pedestrian signals/push buttons/beacons Marked crosswalks Midblock crossings Wayfinding, furniture, or other end of trip facilities Pedestrian-scale lighting Other None
Describe other:
If the project incorporates any safety, traffic calming, or design improvements, describe the improvements (i.e., improvements at a rail-grade crossing, road diets, bulb-outs, median barriers, center islands, roadway markings, improved signage and signals):

Does the project improve access to transit stops, stations, park-and-ride lots, or other major transit facilities?
Yes No Unknown
If yes, identify the bus route and/or transit facility:
Does the project incorporate improvements to existing transit stops or stations (i.e., ADA landing pads, benches,
shelters)?
Yes No Unknown
If yes, identify the improvements:
Does the project provide direct access to a school?
Yes No Unknown
Is the project within ½ mile of a school?
Yes No Unknown
If yes, identify the school(s):
Does the project provide direct access to an activity center, employment center, or community resource (i.e., a
business district, retail center, medical facility, community center, park)?
Yes No Unknown
If yes, identify all activity centers, employment centers, and/or community resources (planned or existing) that the project directly serves:
the project directly serves.
SYSTEM RELIABILITY
Does the project include management and operations strategies that optimize the performance of the road (i.e.,
ITS technologies, traffic operational improvements)?
Yes No Unknown If yes, explain the strategy and how it improves the reliability of the transportation system:
if yes, explain the strategy and now it improves the reliability of the transportation system:

INTERMODAL CONNECTIONS
Is the project located within an industrial site area (per St. Louis Regional Freight Study)? Yes No Unknown
If yes, what is the name of the industrial site area (i.e., Broadway-Arsenal, Earth City, GM Plant)?
Is the project adjacent to or does it directly impact an intermodal freight facility, major freight generator, logistic
center, manufacturing and warehouse industrial facility, or port? Yes No Unknown
If yes, identify the facility, major freight generator, or port:
Identify any commercial vehicle countermeasures proposed, and explain how the project provides improvement to the movement of freight to and from the facility, major freight generator, or port:
ENVIRONMENT
Does the project incorporate any of the following green infrastructure improvements? Bioswales
Rain gardens
Pervious pavements
Pervious strips Green bulb-outs
Solar powered fixtures
Other
None
Describe other:
If green infrastructure elements are included, describe its relationship to this project:

NOTIFICATION OF TITLE VI & NONDISCRIMINATION REQUIREMENTS

Title VI

A recipient of any federal funds from the U.S. Department of Transportation ("DOT") must comply with federal statutes, regulations, executive orders, and other pertinent directives that govern nondiscrimination in federally assisted programs. Below is a list of the statutes and regulations that may apply to a recipient's program; however, other federal requirements regarding nondiscrimination may be imposed by DOT.

- A. Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C. §§ 2000d et seq.
- B. All requirements imposed by or pursuant to the Code of Federal Regulations, Title 49: Transportation, Subtitle A: Office of the Secretary of Transportation, Part 21: Nondiscrimination in Federally-Assisted Programs of the Department of Transportation—Effectuation of Title VI of the Civil Rights Act of 1964.

As part of federal requirements, a recipient of funds from DOT must ensure that it has written policies and procedures in place to ensure nondiscrimination in its programs, up to and including, developing a Title VI Plan.

Nondiscrimination

A recipient of any federal funds from the U.S. Department of Transportation ("DOT") must comply with federal statutes, regulations, executive orders, and other pertinent directives that govern nondiscrimination in federally assisted programs. Below is a list of the statutes and regulations that may apply to a recipient's program; however, other federal requirements regarding nondiscrimination may be imposed by DOT.

- A. Title VI of the Civil Rights Act of 1964, as amended, 42 U.S.C. § 2000d, and implementing regulations at 49 CFR Part 21 Nondiscrimination in Federally Assisted Programs of the Department of Transportation Effectuation of Title VI of the Civil Rights Act.
- B. The equal employment opportunity provisions of 49 U.S.C. § 5332 and Title VII of the Civil Rights Act of 1964, 42 U.S.C. §§ 2000e *et seq.*, and implementing regulations, including;
 - 1. 41 CFR Part 60 Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor.
- C. Title IX of the Education Amendments of 1972, as amended, 20 U.S.C. §§ 1681 et seq., and implementing regulations at 49 CFR Part 25 Nondiscrimination on the Basis of Sex in Education Programs or Activities Receiving Federal Financial Assistance.
- D. Section 504 of the Rehabilitation Act of 1973, as amended, 29 U.S.C. § 794, and the Americans with Disabilities Act of 1990, as amended, 42 U.S.C. §§ 12101 et seq., and implementing regulations, including:
 - 1. 49 CFR Part 37—Transportation Services for Individuals with Disabilities (ADA).
 - 2. 49 CFR Part 27—Nondiscrimination on the Basis of Handicap in Programs and Activities Receiving or Benefiting from Federal Financial Assistance.
 - 3. 36 CFR Part 1192 and 49 CFR Part 38—Americans with Disabilities (ADA) Accessibility Specifications for Transportation Vehicles.
 - 4. 28 CFR Part 35—Nondiscrimination on the Basis of Disability in State and Local Government Services.
 - 5. 28 CFR Part 36—Nondiscrimination on the Basis of Disability by Public Accommodations and in Commercial Facilities.
 - 6. 41 CFR Subpart 101 119—Accommodations for the Physically Handicapped.
 - 7. 29 CFR Part 1630—Regulations to Implement the Equal Employment Provisions of the Americans with Disabilities Act.
 - 8. 47 CFR Part 64, Subpart F—Telecommunications Relay Services and Related Customer Premises Equipment for the Hearing and Speech Disabled.
 - 9. 36 CFR Part 1194—Electronic and Information Technology Accessibility Standards.
 - 10. 49 CFR Part 609—Transportation for Elderly and Handicapped Persons.

- 11. Federal civil rights and nondiscrimination directives implementing those federal laws and regulations, unless the federal government determines otherwise in writing.
- E. The Age Discrimination Act of 1975, as amended, 42 U.S.C. §§ 6101 et seq., and implementing regulations at 49 CFR Part 90 Nondiscrimination on the Basis of Age in Programs or Activities Receiving Federal Financial Assistance.
- F. The Age Discrimination in Employment Act, 29 U.S.C. §§ 621 through 634, and implement regulations of the U.S. Equal Employment Opportunity Commission 29 CFR Part 1625—Age Discrimination in Employment Act.
- G. The Drug Abuse Office and Treatment Act of 1972, as amended, 21 U.S.C. §§ 1101 *et seq.*, the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970, as amended, 42 U.S.C. §§ 4541 *et seq.*, and the Public Health Service Act of 1912, as amended, 42 U.S.C. §§ 290dd through 290dd-2.
- H. Executive Order 12898—Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, 42 U.S.C. § 4321 note, and DOT Order 5620.3 at Federal Register Vol. 62 No. 18377—Department of Transportation Actions to Address Environmental Justice in Minority Populations and Low-Income Populations.
- I. Executive Order 13166 Improving Access to Services for Persons with Limited English Proficiency, 42 U.S.C. § 2000d 1 note, and implementing policy guidance at Federal Register Vo. 70 No. 74087—DOT Policy Guidance Concerning Recipients' Responsibilities to Limited English Proficiency (LEP) Person.

By submitting its application as part of the TIP process and signing below, the Project Sponsor certifies that it has reviewed the federal requirements regarding nondiscrimination in federally assisted programs and believes that the Project Sponsor complies with the required policies and procedures.

Also, the Project Sponsor acknowledges its understanding that if the Project Sponsor does not have the required policies and procedures in place prior to federal funds being obligated, then the Project Sponsor's project may become ineligible for federal funding.

Jaysen Christensen		
Name (print)		
City Administrator		
Title		
Signature		
412/18	 	
Date		

FINANCIAL CERTIFICATION OF MATCHING FUNDS

This is to ensure sufficient funds are available to pay the non-federal share of project expenditures for the following project to be funded under the provisions of the Fixing America's Surface Transportation (FAST) Act.

Project Title:		Geyer Road Improvements - Phase 1
•		
Local Match Am	nount:	\$449,700.00
Sponsoring Age	ncy:	City of Frontenac
Chief Elected Off	icial (or Ch	ief Executive Officer):
Name (print):	Margot N	Martin
Signature:	Mar	got martin
Date:	6/1.	2/16
Chief Financial O	fficer:	
Name (print):	Lea Ann E	Bennett
Signature:	Leal	Lan Bennett
Date:	6/1	2/18

PERSON OF RESPONSIBLE CHARGE CERTIFICATION

Person of Responsible Charge - Design Phase

The key regulatory provision, 23 CFR 635.105 – Supervising Agency, provides that the State Transportation Agency (STA) is responsible for construction of federal-aid projects, whether it or a local public agency (LPA) performs the work. The regulation provides that the STA and LPA must provide its full-time employee to be in "responsible charge" of the project.

The undersigned employee(s) of the Project Sponsor will act as person of responsible charge. If at any point the employee leaves the LPA, the LPA is responsible for finding a suitable replacement and notifying EWG. If the person of responsible charge is found to not be a full-time employee of the LPA, it will result in the loss of federal funds for this project. One employee can act as person of responsible charge for all three phases. All three phases must be signed.

Name (print):	Jeff Wapplehorst		
Title:	Director of Public Works	Email:	Jwappelhorst@cityoffrontenac.org
Signature:	Jeff Wappal frost	<i>></i>	
Date:	6/12/2018		
Person of Respor	nsible Charge – Right-of-Way Acquisition	Phase	
Name (print):	Jeff Wapplehorst		
Title:	Director of Public Works	Email:	Jwappelhorst@cityoffrontenac.org
Signature:	Aff Wagnellhorson	_	
Date:	6/12/2018	_	
Person of Respon	sible Charge – Construction Phase		
Name (print):	Jeff Wapplehorst	_	
Title:	Director of Public Works	_ Email:	Jwappelhorst@cityoffrontenac.org
Signature:	Iff Wogselhost		
Date:	6/12/2018		

RIGHT-OF-WAY ACQUISITION CERTIFICATION STATEMENT - MISSOURI SPONSORS ONLY

The State Department of Transportation and the Federal Highway Administration (FHWA) have the right and responsibility to review and monitor the acquisition procedures of any federally funded transportation project for adherence to The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970. Those projects found in non-compliance may jeopardize all or part of their federal funding.

A. The Project Sponsor hereby certifies that any right-of-way, and/or permanent or temporary easements necessary for this project, obtained prior to this application, were acquired in accordance with The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970.

B. The Project Sponsor also certifies that any additional right-of-way, and/or permanent or temporary easements, subsequently required to complete the project, will be acquired according to The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970.

Jaysen Christe	ensen	
Name (print)		
City Administr	rator	
Title	/_	
0-6		
Signature		
6/12/	18	
Date		

POLICY ON REASONABLE PROGRESS CERTIFICATION - MISSOURI SPONSORS ONLY

Following on the next page is a copy of the policy on reasonable progress adopted by the East-West Gateway Council of Governments Board of Directors.

The undersigned representative of the Project Sponsor hereby certifies that s/he has read this policy and understands its requirements. The representative acknowledges that failure to meet all of the reasonable progress requirements could result in federal funds being revoked and returned to the regional funding pool, as dictated by the policy.

Jaysen Christensen	
Name (print)	_
City Administrator	
Title	
Signature (
Date	-

POLICY ON REASONABLE PROGRESS - MISSOURI SPONSORS ONLY

Reasonable Progress

For projects or programs included in the Transportation Improvement Program (TIP), "reasonable progress" will have been made if the project has advanced to the point of obligating all federal funds programmed for that project in the current fiscal year, regardless of the phase of work (*i.e., preliminary engineering, right-of-way acquisition, or plans, specifications, and estimates*). If a project fails to obligate the programmed federal funds by September 30 of the current year, the funding will be forfeited and returned to the regional funding pot. Actual progress toward implementation is measured against the schedule submitted by the Project Sponsor in the project application.

Policy Procedures and Enforcement

Projects that do not obligate all federal funds by the Board-approved suspense date will be removed from the TIP and the federal funds associated with those projects will be returned to the regional funding pool for redistribution. The removal of projects from the TIP will require no further Board action and the sponsor will have to repay any federal funds already spent if the funding is forfeited.

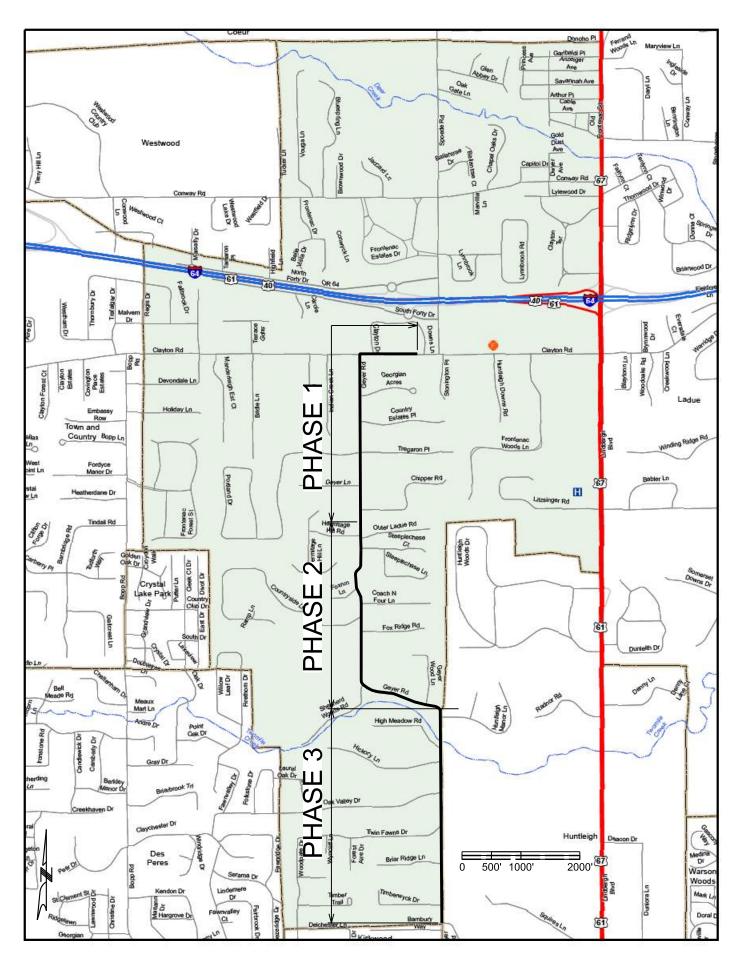
If a project is realizing delays that will put the federal funding at risk of forfeiture (*i.e., not meet a September 30 deadline*), the Project Sponsor will have the opportunity to ask for consideration of a "one-time extension" in their project schedule. The one-time extension can only be requested for the implementation/construction phase of the project. The extension request will only be considered once a year, and has to be made before June 1 of the current fiscal year of the TIP.

To be considered for this extension the Project Sponsor has to demonstrate on all counts: a) the delay is beyond their control and the sponsor has done due diligence in progressing the project; b) federal funds have already been obligated on the project or in cases that no federal funds are used for PE and/or ROW acquisition, there has been significant progress toward final plan preparation; and c) there is a realistic strategy in place to obligate all funds.

One-time extensions of up to three (3) months may be granted by EWG staff and one-time extensions greater than three (3) months, but not more than nine (9) months, will go to the Board of Directors for their consideration and approval. Projects requesting schedule advancements will be handled on a case-by-case basis, subject to available funding, and are subject to the Board-adopted rules for TIP modifications.

Project Monitoring

An extensive monitoring program has been developed to help track programmed projects and ensure that funding commitments and plans are met. Monthly tracking reports are developed and posted on the EWG website, utilizing project information provided by the Project Sponsor, IDOT, and MoDOT district offices. Additionally, project sponsors are contacted at least every three (3) months by EWG staff for project status updates.



GEYER ROAD IMPROVEMENT PROJECT PROJECT LOCATION MAP

Estimate of Project Costs

Project Sponsor: City of Frontenac
Project Title: Geyer Road Improvements Phase 1
Date: 6/11/2018

Specific Roadway Items Item	Quantity	Unit	Unit Price	Amount
CLEARING AND GRUBBING	1	L.S.	\$5,000.00	\$5,000.00
REMOVAL OF IMPROVEMENTS	1	L.S.	\$15,000.00	\$15,000.00
CLASS A EXCAVATION	900	C.Y	\$15.00	\$13,500.00
TYPE 5 AGGREGATE BASE (4" THICK)	2540	S.Y.	\$7.00	\$17,780.00
TYPE B CURB & GUTTER 2'-6"	6530	L.F.	\$30.00	\$195,900.00
TYPE "C" BITUMINOUS PAVEMENT	760	TON	\$80.00	\$60,800.00
PAVEMENT REPAIR	140	S.Y.	\$85.00	\$11,900.00
PVMT SURFACING AND TEXTURING	6800	S.Y.	\$2.50	\$17,000.00
4" YELLOW PAVEMENT STRIPING	5600	L.F.	\$1.00	\$5,600.00
24" WHITE PAVEMENT MARKING PAINT	60	L.F.	\$5.00	\$300.00
CURB INLET	19	EA.	\$2,500.00	\$47,500.00
REINFORCED CONCRETE MANHOLE	1	EA.	\$3,000.00	\$3,000.00
ADJUSTING BASIN OR INLET	9	EA.	\$1,000.00	\$9,000.00
STORMWATER BMP	2	EA.	\$20,000.00	\$40,000.00
CONNECTION TO EXISTING STORMSEWER	5	EA.	\$500.00	\$2,500.00
12" STORMSEWER PIPE	555	L.F.	\$60.00	\$33,300.00
18" STORMSEWER PIPE	675	L.F.	\$70.00	\$47,250.00
24" STORMSEWER PIPE	150	L.F.	\$80.00	\$12,000.00
30" STORMSEWER PIPE	705	L.F.	\$90.00	\$63,450.00
12" FLARED END SECTION	1	EA.	\$1,500.00	\$1,500.00
18" FLARED END SECTION	1	EA.	\$2,000.00	\$2,000.00
RIPRAP	133	S.Y.	\$75.00	\$10,000.00
SODDING - SITE RESTORATION	3,600	S.Y.	\$7.50	\$27,000.00
INLET PROTECTION DEVICE	28	EA.	\$100.00	\$2,800.00
SILT FENCE	6,530	L.F.	\$1.50	\$9,795.00
				\$0.00
			SUBTOTAL	\$653,875.00

Specific Bicycle Items					
ltem	Quantity	Unit	Unit Price	Amount	
PAVEMENT MARKINGS	1	L.S.	\$2,000.00	\$2,000.00	
SIGNS	1	L.S.	\$2,000.00	\$2,000.00	
				\$0.00	
				\$0.00	
				\$0.00	
				\$0.00	
				\$0.00	
SUBTOTAL				\$4,000.00	

Specific Pedestrian Items				
ltem	Quantity	Unit	Unit Price	Amount
CONCRETE SIDEWALK	2,230	S.Y.	\$40.00	\$89,200.00
ADA RAMPS	50	S.Y.	\$200.00	\$10,000.00
TRUNCATED DOMES	100	S.F.	\$25.00	\$2,500.00
TYPE 5 AGGREGATE BASE (4" THICK)	2540	S.Y.	\$7.00	\$17,780.00
PEDESTRIAN SIGNAL HEAD	4	EA.	\$600.00	\$2,400.00
PAVED APPROACH	260	S.Y.	\$60.00	\$15,600.00
PUSHBUTTON DETECTOR	4	EA.	\$1,100.00	\$4,400.00
PEDESTRIAN SIGNAL POST, 10'	2	EA.	\$1,000.00	\$2,000.00
PEDESTRIAN SIGNAL POST, 4'	2	EA.	\$750.00	\$1,500.00
PEDESTRIAN SIGNAL CABLE	1	L.S.	\$2,500.00	\$2,500.00
PEDESTRIAN SIGNAL PULL BOX	1	EA.	\$1,200.00	\$1,200.00
PEDESTRIAN SIGNAL CONDUIT, 2"	150	L.F.	\$10.00	\$1,500.00
SIGNAL CABINET/EQUIPMENT UPGRADES	1	L.S.	\$15,000.00	\$15,000.00
24" WHITE PAVEMENT MARKINGS	570	S.F.	\$5.00	\$2,850.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
			SUBTOTAL	\$168,430.00

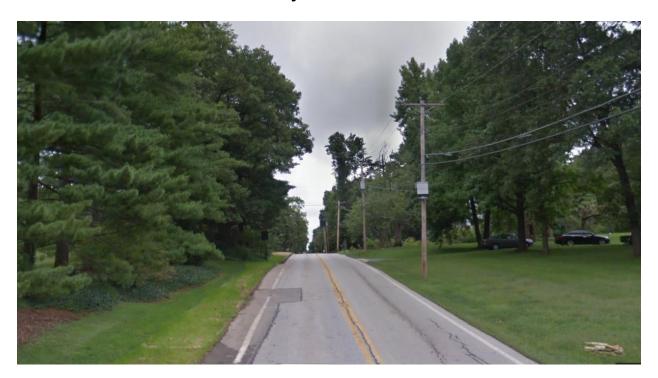
Specific Transit Items				
Item	Quantity	Unit	Unit Price	Amount
BUS STOP ADA DEPLOYMENT PAD	2	EA.	\$300.00	7000.00
				\$0.00
				\$0.00
				\$0.00
		·	SUBTOTAL	\$600.00

Miscellaneous Other Items								
ltem	Quantity	Unit	Unit Price	Amount				
UTILITY RELOCATIONS	1	L.S.	\$15,000.00	\$15,000.00				
MOBILIZATION	1	L.S.	\$40,000.00	\$40,000.00				
TRAFFIC CONTROL	1	L.S.	\$25,000.00	\$25,000.00				
CONSTRUCTION SURVEYING/STAKING	1	L.S.	\$15,000.00	\$15,000.00				
				\$0.00				
				\$0.00				
	\$95,000.00							

Construction Cost Total	\$921,905.00
Contingency (10%)	\$92,200.00
Inflation (3 years @ 3%)	\$85,700.00
Subtotal	\$1,099,805.00
Subtotal (Rounded)	\$1,100,000.00
Preliminary Engineering (12%)	\$132,000.00
Right-of-Way	\$135,000.00
Construction Engineering/Inspection (12%)	\$132,000.00
Project Total *	\$1,499,000.00

^{*} The project total cost should match the total cost reported in the project application.

Project Photos



Geyer Road at Hermitage Hill Road – Looking North



Geyer Road at Portland Drive – Looking South

Project Photos



Geyer Road at Georgian Acres – Looking North



Geyer Road at Clayton Road – Looking South

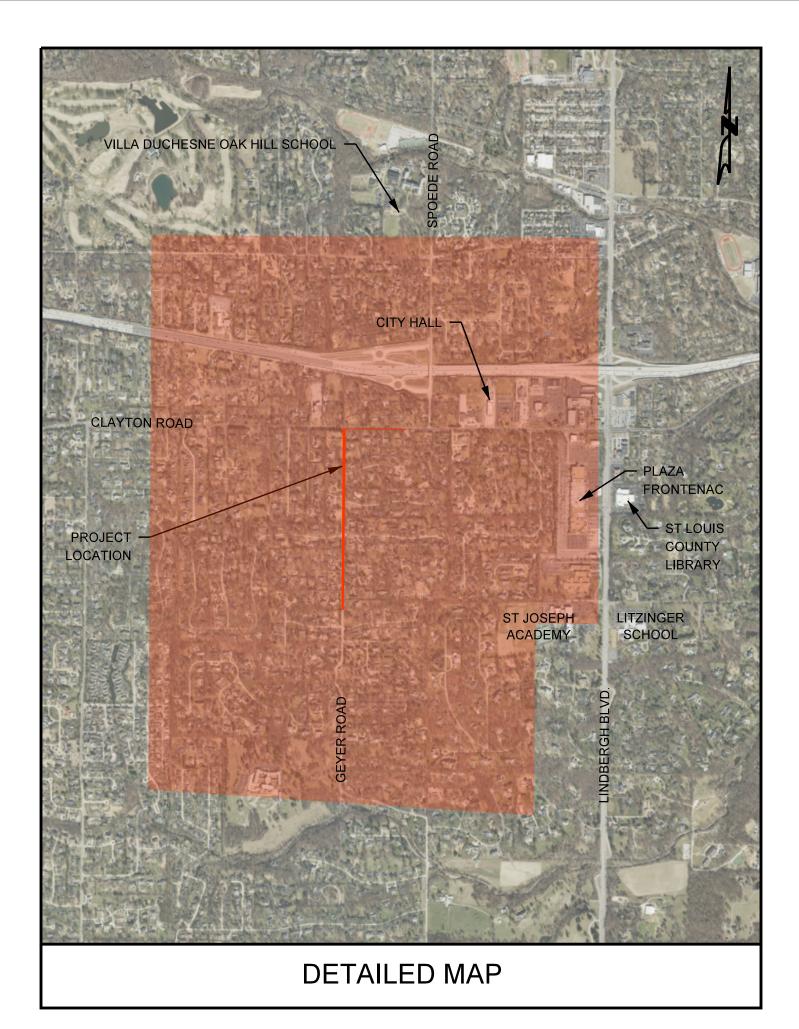
Project Photos



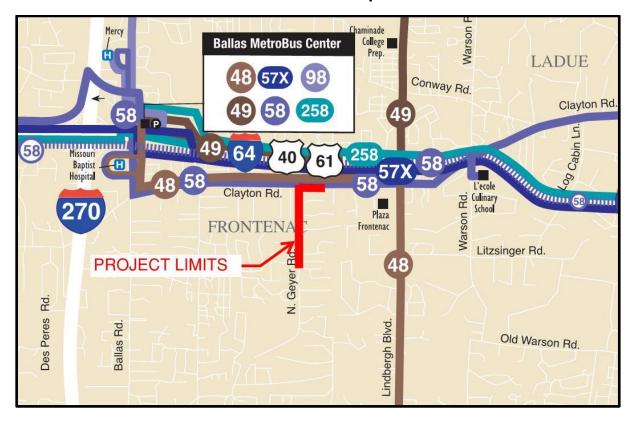
Clayton Road at Geyer Road – Looking East



Clayton Road West of Spoede Road – Looking West



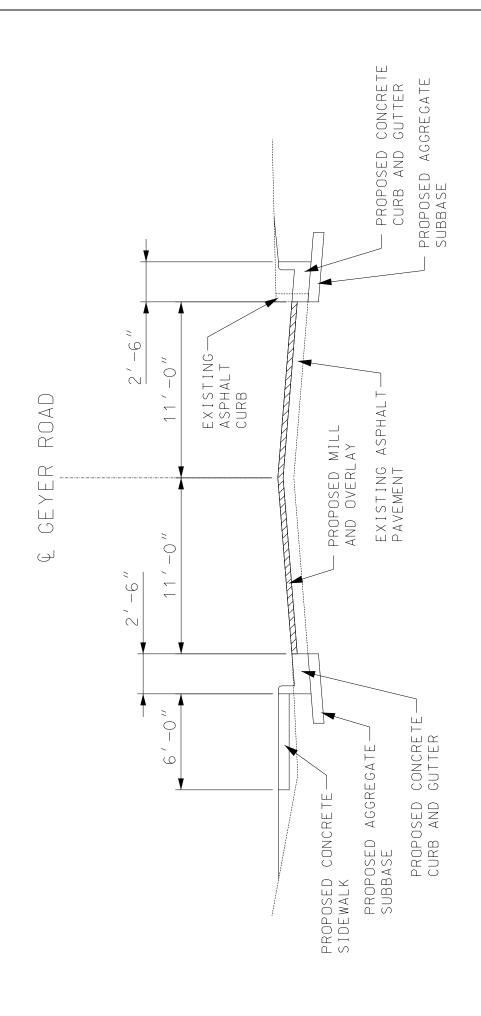
Metro Bus Map



Metro Bike Plan Implementation Action Plan







GEYER ROAD - TYPICAL SECTION



GEYER ROAD IMPROVEMENT PROJECT PASER RATINGS



Location #1 - PASER Score = 6.0

Pavement distresses include patching, longitudinal cracking, and rutting



Location #2 - PASER Score = 5.0

Pavement distresses include raveling, rutting, and patching



Location #3 - PASER Score = 5.5

Pavement distresses include longitudinal cracking, rutting, and raveling

Safety Calculator

Sponsoring Agency: City of Frontenac

copied from crash summary form

Project Title: Geyer Road Improvements - Phase 1

* When entering the data below, be sure to use the number of crashes and NOT the number of injuries/people involved. For example: If there was a crash that had one fatality and two minor injuries, sponsors would enter this as one fatal crash. The crash should be documented as the "highest" severity listed in the crash report.

* Sponsors should ONLY use crashes that happen WITHIN the project limits. If EWG has questions or concerns about the locations of crashes, they may ask sponsors to submit an additional map with crash locations.

Following Data Required for Road, Traffic Flow, Safety, or Freight/Economic Development Project Applications Value Comment Number of Crashes from 2011-2015: Fatal (K) Input Serious Injury (A) Input Minor Injury (B,C) Input Property Damage Only (O) Input Total Project Type Segment or Intersection Select from drop down list Segment Project Average Daily Traffic 4,345 Number of vehicles Project Length 0.72 in miles

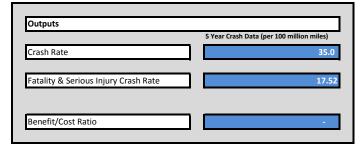
Safety Project Applicants MUST fill out the 'Safety Application Supplement' sheet to correspond with the data below						
ifespan of Countermeasure	Years					
Maintenance Cost of Countermeasure	Annual dollars					
CMF	From CMF clearing house					
Years To Construction Phase	Years					
Duration of Construction Phase	Years, minimum of one year*					
Total Project Cost	Dollars, include all phases of the project					

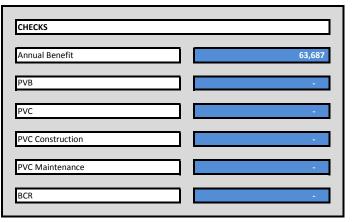
Key:
Inputs

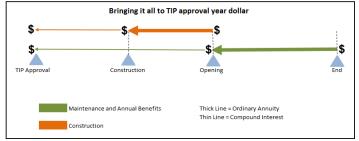
Results

*Show projects with less than one year of construction as one year

Clear Data







Crash Summary Form

Sponsoring Agency: City of Frontenac

Project Title: Geyer Road Improvements - Phase 1

* Provide details for ALL fatal and serious injury crashes AND 10 minor injury and/or property damage only crashes that coincide with countermeasure within the project limits for 2011-2015.

Note: if the project limits has 20 minor inury/property damage only crashes, only provide information for 10 in the summary. If the project limits has 3 minor inury/property damage only crashes, provide information for those 3 crashes in the summary.

* Fill out a separate row for each crash.

* Provide information on the location (i.e. Main St at Bradley St OR Jackson St - 250' north of Morton Ave), probable contributing circumstances, severity level of crash (the crash should be documented as the "highest" severity listed in the crash report), and the primary countermeasure to eliminate or mitigate the collision (the countermeasure must be consistent with the project scope).

* Attach a full crash report for each crash listed in the summary. Number the provided crash report to match the order they are listed in the summary.

#	Date	Collision Location (provide location details)	Probable Contributing Circumstances of Crash (speed, failed to yield, alcohol, distracted, etc.)	Severity Level of Crash	Primary Countermeasure (must be consistent with project scope)	How does countermeasure address safey concern?
Example	1/3/2015	Main St at Bradley St	distracted and speed	Serious Injury	ladd riimniestrins	Rumble strips on the shoulders warn drivers that they are entering a part of the roadway not intended for routine traffic use
1	11//1//////	Geyer Rd - 150' south of Clayton Rd (@ 0713)	distracted	Property Damage Only	add retroreflective backplates	retroreflective sheeting on signal backplates will make them more visible , thus reducing likelihood of collision.
2	3/23/2013	Geyer Rd - @ Clayton Rd (@ 1505)	distracted	Serious Injury	add retroreflective backplates	retroreflective sheeting on signal backplates will make them more visible , thus reducing likelihood of collision.
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add rows as needed

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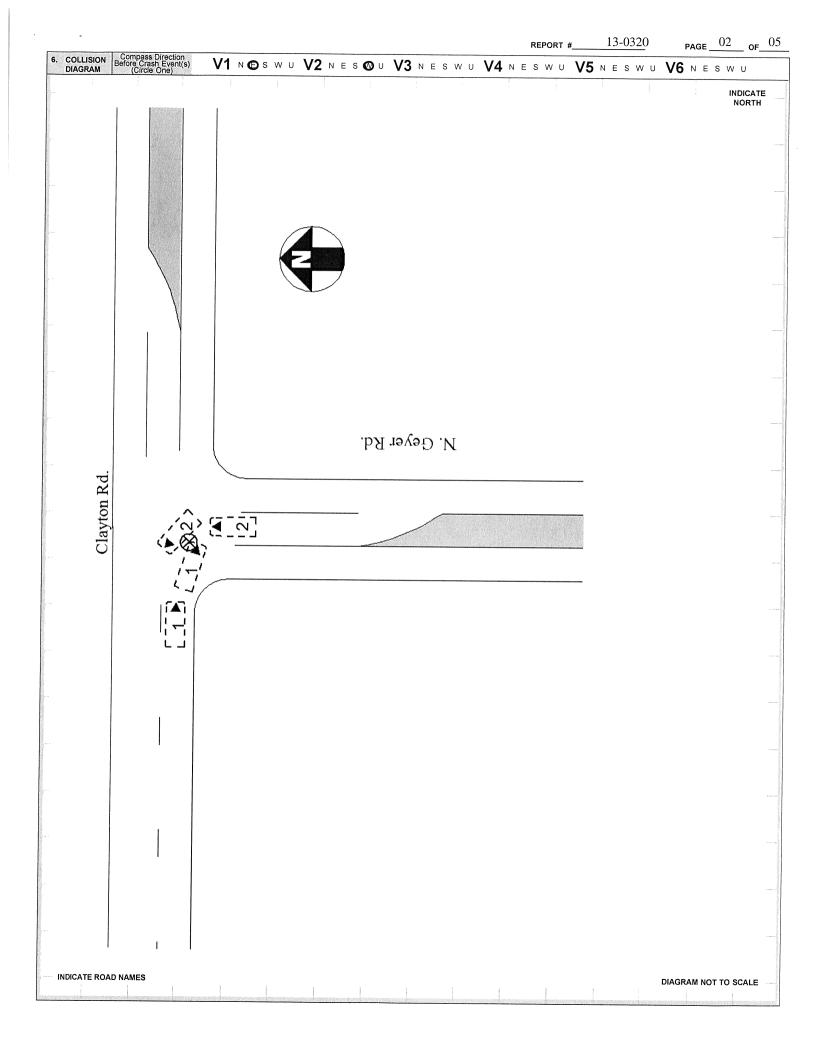
7. COLLISION DISCRETE | Direction Prior to Impact V1 (N) E S W Est. Speed - Fatals Only V1 V2 **V2** (N) E S W NESW NESW INDICATE NORTH CLAYTON RD POINT OF PEDESTRIAN **IMPACT** N. GEYER RD INDICATE ROAD NAMES REQUIRED UNLESS DELAYED REPORT DIAGRAM NOT TO SCALE 8. EVIDENTIARY PHOTOS TAKEN ☐ YES ■ NO BY WHOM AVAILABLE FROM RECONSTRUCTION - Includes Narrative, Diagram, & Photo(s) ☐ YES ■ NO BY WHOM

9 - CODES												******************			
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10 - DRIVERS															
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□ NA DRIVER 2 - SAME ADDRESS AS A	ABOVE		12/05/	1966	M	2	FL	5	1	2	3	3	5	(314) 821-0268	
11 - OTHER OCCUPANTS & PEDESTRIANS	(SAD = SAME AS DR	NVER)													
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■ 1. Passenger Car □ □ 2. Station Wagon	1. Gas					Overtal Making	ang Right Ti	urn					ad - Le		
3. Sport Utility Vehicle						3. Making Right Turn 22. Overturn / Rollover 4 Right Turn on Red 23. Fire / Explosion							1		
4. Limousine (6-15 for hire)					5. Making Left Turn 24. Immersion										
☐ ☐ 5. Van (8 or less with driver) ☐ ☐ 6. Small Bus (9-15 with driver)		5. None			6. Making U Tum 25. Jackknife 7. Skidding / Sliding 26. Carno Lose / Shift										
7. Bus (16 or more with driver)	A Haz	A Hazardous Materials' Cargo Released / Spilled			7. Skidding / Silding 26. Cargo Loss / Shift 8. Slowing / Stopping 27. Equipment Failure										
8. School Bus (less than 16 with driver)	Carrier and a service and a se	15. ACCIDENT TYPE			9. Start in Traffic 28. Separation of Units						5				
9. School Bus (16 or more with driver)	A LANGE RESIDENCE AND A STOCK	1. On Roadway			10. Start From Parked 29. Returned to Road										
10. Motorcycle		2. Off Roadway			11. Backing 30. Collision Inv. Pedestrian 12. Stopped in Traffic 31. Collision Inv. Pedalcycle										
11. ATV	COLLISION INV	OLVING			13. Parked 32. Collision Inv. Train					•					
☐ ☐ 13. Pedalcycle ☐ ☐ 5 Wh. or	More 1. Animal				14. Changing Lanes 33. Collision Inv. Animal (e					al (enter code - explain)					
☐ ☐ 14. Motor Home / Camper ☐ ☐ Unknown☐ ☐ 15. Farm Implements		2. Pedalcycle			15. Avoiding 34. Collision Inv. MV in Tran						,				
16. Construction Equipment	3. Fixed Ob						er Centi							ed Motor Vehicle Object (enter code - explain)	
17. Other Transport Device	5. Pedestria	-				Crossing	,							Object (explain)	
☐	6. Train				19. Airborne 38. Other - Non Collision						on				
20. Single-unit Truck: 2 axles, 6 tires		7. MV in Transport —— —— 8. MV on Other Roadway——													
21. Single-unit Truck: 3 or more axles	9. Parked M		-		VI Unknown										
A. Vehicle Pulling Another Unit(s) 1-21 only	NON-COLLISIO	N	1		0	1/	34	_/_	/_		_/_		_/_	/	
22. Truck Tractor With No Units	10. Overturn	-	l		22	A : 1	0.4.								
23. Truck Tractor With One Unit 24. Truck Tractor With Two Units	11. Other No	on-Collision			33.	Animai	Code								
25. Truck Tractor With Three Units	1 1	NO VEHICLE		ION	36.	Fixed O	bject Co	de	/_		_/_				
26. Other Heavy Truck] 60. Head O 61. Rear Er											-		
GCVW Rating (not licensed weight) 19-26 only		62. Sideswi		ting	V2] Unkr	nown						
Less than or equal to 10,000 lbs. 10,001 - 26,000 lbs.] 63. Sidesw		- 1 1	0	1 ,	08	,	34		٠,			,	
Greater than 26,000 lbs	1]64. Angle]65. Backed	Unto					_'	/_		_'_		/	/	
13. EMERGENCY VEHICLE INVOLVEMENT		65. Backed 67. Other	i ii jeO		33	Animal (Code								
V1 V2					20	Eivad A	hin-t o	. al a			,				
	16. TRAFFIC CO	SNOITIONS	1		36. I	rixed O	uject Co	ae	/_		_ /		-		
3. Ambulance	V1 V2	nal													
	1. Nom				Aniı	mal, F	ixed C	bjec	t, and Ir	attent	ion (Code	es ex	plained in narrative.	
A. Emergency Vehicle on Emergency Run	3. Cong		d												

MISSOURI UNIFORM ACCIDENT REP	ORT		RE	PORT # 11-0963	PAGE 4 OF		
MISSOURI UNIFORM ACCIDENT REP 18. PROBABLE CONTRIBUTING CIRCUMSTANCES VI V2	19. PEDES 1 2		PRE 20. VISION OBSCURED VI V2	21. TRAFFIC CONTROL	22. ROAD CHARACTER ALIGNMENT ■ 1. Straight □ 2. Curve PROFILE ■ 1. Level □ 2. Grade □ 3. Hillcrest		
	14. 14. 15. 16. 17.	Pushing / Working on Vehicle Other Working Playing on Road Off Roadway URFACE rete 3 Brick alt 4 Gravel	2. Dark with Street Ligh 3. Dark with Street Ligh 4. Dark - No Street Ligh 5. Indeterminate (explain) 5. Dirt / Sand 6. Multi-Surface	ts On 2 Cloudy ts Off 3 Rain ts 4 Snow	2. Wet 3. Snow 4. Ice 5. Slush		
A. CMV CRITERIA		B. CARRIER ID NUMBER			E. CARGO BODY TYPE		
Answer the following to determine if this section should be completed. 1. Does this accident involve any of the following: 1. a person fatally injured; or 2. a person transported for medical attention; or 3. a vehicle towed from the scene of the accident NO - DO NOT COMPLETE YES - GO TO NUMBER 2 2. Examine each vehicle to determine if it is a commercial vehicle based on the following. 1. a truck with GCVWR of more than 10,000 lbs. and engaged in commerce; or 2. a bus or school bus (9 or more including driver); or 3. a vehicle with a hazardous materials placard		V1 ICC NO. MC USDOT NO. V1 V2 V2 ICC NO. MC USDOT NO. □ 1. Enclose C. HAZARDOUS MATERIAL PLACARD NUMBER ■ NA □ 3. Flatbed V1 4-Digit Placard Number from Bottom of Diamond □ 5. Concrese V2 4-Digit Placard Number from Bottom from Diamond / Box □ 6. Auto Tr V2 4-Digit Placard Number from Bottom from Diamond / Box □ 7. Garbag □ 8. Grain, □ 9. Pole Tr □ 1. Two-Way; Not Divided □ 10. Other □ 2. Two-Way; Divided, Unprotected Median □ 10. Other					
NO - DO NOT COMPLETE YES - COMPLETE SECTIONS B - E 28 - NARRATIVE / STATEMENTS (If additional room is nec	essary, attach	3. Two-Way; Divided; Posit 4. One-Way; Not Divided a separate sheet.)	we Median Barrier				
After speaking to all parties involved, my D1 stated she was traveling NB on N. Gey southbound side of N. Geyer. The pedestri V2. D2 and the occupant stated they were trave pedestrian walking on the southbound side they were struck from the rear by V1. No one reported any injuries at the scene.	er Rd, sou an dropped	th of Clayton Rd. While d a package in the roadw	e traveling on the road vay and went to pick it	up, that's when her ve	ehicle struck the rear of		
V1 and V2 were towed from the scene by I	McNamara	n's Towing.					
Nothing Further.							

REPORTING OFFICER SIGNATURE BARRON, MICHAEL	DS	N/BADGE NO.	BEAT / ZONE	TROOP / I	DIST / PCT	
,	22	21	В	136 T	07/07/9450000000000000	
REVIEWING OFFICER 1 SIGNATURE WOLF, BRIAN	DSN / BADGE NO	. REVIEWING OFFIC	ER 2 SIGNATURE		DSN / BADGE NO.	
	198	New Transfer			DON'S DAD GE THE	

1 - GENERAL CRASH INFORMATION	AGENC'	Y NAME AND ORI	MO0953100			
SPACE USED FOR BARCODE FRONTENAC POLICE DEPARTMENT #2						
	10555	5 CLAYTON R	D. FRONTENA	C, MO 6313	31	
LEFT THE SCENE DRIVER NO. CLEARED CRASH P	PROPERTY (DAMAGE ONLY NO. II	NJURED NO. KILLED	REPORT /	CASE / INCIDENT NUMBER	
☐ Yes ☒ No ☐ ☐ Yes ☐ No CLASSIFICATION		Maria di Marapina di Kabupatan Mari	1 0		13-0320	
NO. VEH. INV. CRASH DATE CRASH TIME (MIL.) NOTIFIED DATE 2 03/23/2013 1505 03/23/2	2013	TIME NOTIFIED (MIL	L.) INVESTIGATION DA 03/23/201	PERSONAL PROPERTY OF THE PERSON OF THE PERSO	ARRIVED (MIL.) INVEST. AT SCENE 1511 Yes □ No	
ROADWAY NON-COLLISION COLLISION INVOLV		ay Vehicle			IS FOR IMPACT WITH MOTOR VEHICLE	
CRASH Roadway Fire / From MV Pedalcycle	☐ Anima	al Drawn Veh / Animal F	Ridden Trans. Fro	ont to Rear	Angle Other Sideswipe (Same Dir.) (Explain	
Off Immersion Loss / Shift Other Object	_	Vehicle in Transport — d Motor Vehicle ———	; L	ar to Rear 🔲 ar to Side 🦳		
Non-Collision Pedestrian		ng Motor Vehicle	——→		(Set in motion by MV)	
COMMERCIAL MOTOR VEHICLE INVOLVEMENT CRITERIA - Answer the following to det 1. Does this crash involve any of the following?						
1a. A person fatally injured; OR 1b. A person transported for medical attention; OR 1c. A vehicle towed due to disabling damage. No - No commercial vehicle fields need completion. □ Yes - Go to number 2. →	2a. A	. truck / cargo van with (0,000 lbs; OR	ermine if it is a commercia GVWR / GCVWR of more ting for 9 or more includir	e than	No - No commercial vehicle fields need completion.	
EVIDENTIARY PHOTOS TAKEN BY WHOM	2c. A	vehicle with a hazardo	us materials placard.		Yes - Complete Section 7G for appropriate vehicle.	
☐ Yes ☒ No			AVAILABLE FROM	☐ Investigating	Agency	
RECONSTRUCTION BY WHOM			AVAILABLE FROM	☐ Investigating	Agency	
2 - LOCATION						
COUNTY MUNICIPALITY	BEAT / ZO	ONE TRP/DIST/PCT	GPS COORDINATES (D	D MM SS.S FORI	MAT)	
5-SAINT LOUIS COUNT 0970-FRONTENAC	A	136A	LAT: N		LONG: W	
	DWY. DIR. EAST	DISTANCE FROM	LOCATION	CST N GE		
SPEED LIMIT ROAD MAINTAINED BY Unknown		NA Feet	I LI Aitei	SPEED LIMIT		
35 ☐ State X County ☐ Municipal ☐ Private Property ☐ Other		Miles	,1	30	N NA	
☐ One-Way 💢 Two-Way; Not Divided ☐ Two-Way; Divided; Unpro☐ Two-Way; Not Divided; Continuous Center Turn Lane ☐ Two-Way; Divided; Positiv	tected Media ve Median B	an	ROAD ALIGNMENT Straight Cu Unknown (Explain		el 🗌 Downhill 📗 Dip	
INTERSECTION TYPE NA S-way / More Unknown (Explain		CONDITION				
▼ T-Intersection	∑ w	et lce / Frost			Sand / Gravel Unknown (Explain) Other (Explain)	
ROAD SURFACE Concrete Brick Dirt / Sand Cobblestone Asphalt Gravel Multi-Surface Unknown (Explain)	☐ CI	ER CONDITION ear X Rain oudy Snow	Sleet / Hail	Fog / Mist Severe Crosswind	☐ Other (Explain) d ☐ Unknown (Explain)	
LIGHT CONDITION X Daylight ☐ Dark-Lighted ☐ Dark-Unlighted ☐ Dark-Unknown Lighting ☐ Oth	or (Evolain)	☐ Linknown (Evoloi	-1			
3 - DAMAGE TO PROPERTY OTHER THAN VEHICLES None	TOTAL OF SURVEY COMMENTS OF SURV	LJ Ulikilowii (Expiaii	n)			
LIST OWNER'S NAME & ADDRESS, DESCRIPTION OF PROPERTY, AND DAMAGE.	MoDOT	☐ County ☐ Mun	nicipality			
					The second responsibility of the second respo	
4 - WITNESS None Identified Additional Witnesses In Narrative						
NAME ADDRESS (Street, Ci	ty, State, Zip)			PHONE NUMBER	
	-					
·						
5 - PEDESTRIAN X NA Law Enforcement Officer Other Emergency Ser	vices Persor	nnel 🗌 MoDOT Wo	orker 🔲 Other Traffic	way Worker [Other Pedestrian	
NO. NAME (Last, First, MI) & ADDRESS (Street, City, State, Zip)					PHONE NUMBER	
PORT DEVICES	CATION On Roadwa	•		/ Crossing Island	I	
CROSSING ROAD ☐ NA OTHER ACTIONS ☐ NA / Non	On Sidewall	k	Unknown			
☐ With Signal ☐ Not At Crosswalk ☐ Getting On / Off Vehicle		☐ Working In Tra] Unknown	SCHOOL INFO. NA Going To / From School	
☐ Against Signal ☐ In Marked Crosswalk ☐ Standing / Lying / Sitting In Tra ☐ No Signal ☐ In Unmarked Crosswalk ☐ Pushing / Working On Vehicle	•	☐ Playing In Traft☐ Walking / Runr			Getting On / Off School Bus	
☐ Unknown ☐ Unknown ☐ Behind / In Front of Parked / Si			Against Traffic		Both Of The Above Unknown (Explain)	
PROBABLE CONTRIBUTING CIRCUMSTANCES None None None None	Other (Ev)		/ INATTENTIVE CODE(S	5)	ALCOHOL USE	
	Other (Explai Unknown (Ex	' I I			☐ Yes ☐ No ☐ Unknown	



7 - DRIVERS, VEHICLES, OWNERS, & OCCUPANTS	
NO. 7A. DRIVER - NAME (Last, First, MI) & ADDRESS (Street, City, State, Zip) PHONE NUMBE	
01 GRUMICH, ROBERT J - 111 WESLEY AVE, FERGUSON, MO, 63135 DRIVER LICENSE / ID NUMBER STATE LIC MY Valid STATE LIC MY Valid STATE LIC MY VALID STATE LICENSE / ID NUMBER STATE / ID	
STATUS Susp / Rev / Denied Disqual CD1 STATUS Susp / Rev / Denied Disqual CD1 TYPE CD1 Class C Permit Unknown MC Entrain TYPE CD1 Class C Permit Unknown MC Entrain	ORSEMENT
T980878762 MO NA Canceled / Oth Invalid Unknown NA Interm / Grad Unlicensed Unknown	□ No 汉 NA nown (Explain
DATE OF BIRTH SEX SEAT INJ TRANS- EJEC- AIR SAFETY VISION Moving Veh Graph	Other (Explain
OO/13/1075 M FI 5 1 2 03 05 Stopped Veh	Unknown (Explain)
PROOF OF INSURANCE INSURANCE COMPANY Expired PHONE NO. (Optional) POLICY NUMBER NA	☐ Driver
X Yes □ No □ Not Required AMERICAN FAMILY 0845-8231-02-69-FPPA-MO	☐ Vehicle
7B. VEHICLE - OWNER NAME (Last, First, MI) & ADDRESS (Street, City, State, Zip)	R 🕱 SAD
YEAR MAKE MODEL COLOR VEH. TYPE TOTAL NO. 2004 KIA MOTORS CORP OPTIMA WHITE 01	OF OCC.
LICENSE - PLATE NO. STATE YEAR VIN TOWED FROM SCENE TOWED DUE TO I	 DIS. DAMAGE
CE5Y6G MO 2014 K N A G D 1 2 6 4 4 5 3 1 2 4 8 3 ☐ Yes ☒ No VEHICLE DAMAGE (Mark all damaged areas) ☐ None / No Damage TOWED BY ☐ Unknown ☒ NA	
VEHICLE DAMAGE (Mark all damaged areas)	
□ NA U □ 19 - Windshield 23 - Unknown 24 - Other	
① 12 11 10 9 21 - Towed Unit (Explain)	
VEHICLE BODY TYPES - Automobiles / Specialty Vehicles	-
Passenger Car Small Bus (9-15 W/Driver) Motorcycle Motor Home Single-unit Truck; 2 axles, 6 tires GVW / GCW	 √ RATING
☐ Van (< 9 W/Driver) ☐ Large Bus (16+ W/Driver) ☐ ATV ☐ Farm Implements ☐ Single-unit Truck; 3 or more axles ☐ (Not Licenset	
Sport Utility Vehicle School Bus School Bus Other Vehicle (Code) Veh. Pulling Another Unit(s) Tracks Cargo C	or Haz Mat
Limousine (7-8 W/Driver) Intercity 3 Wh Cargo Van Truck Tractor With No Units . Less than or	1. Only)
Motorized Bicycle ☐ Charter / Tour ☐ 5 Wh / More ☐ Other Heavy Truck ☐ Truck Tractor With One Unit ☐ equal to 1.00	
Pedalcycle Other Unknown (Explain) Truck Tractor With Two Units 10,001 - 26,0	
Unknown	
Police Ambulance A. Emergency Vehicle on Emergency Run Congestion Ahead Other Incident Ahead	
☐ Fire ☐ Other (Must check "A" / "B") → ☐ B. Stationary With Emergency Equip. Activated ☐ Crash Ahead ☐ Unknown (Explain) 7C. VEHICLE ACTION / SEQUENCE OF EVENTS CODES ☐ Additional Codes Listed in Narrative. (See Codes in Section 2)	
7C. VEHICLE ACTION / SEQUENCE OF EVENTS CODES Additional Codes Listed in Narrative (See Codes in Section 8) SEQUENCE OF EVENTS CODES Unknown ANIMAL CODE(S) FIXED OBJECT CODE(S) Yes	_USE
01 08 07 15 34	□ NA
7D. PROBABLE CONTRIBUTING CIRCUMSTANCES None Vehicle Defects (Explain) Vision Obstructed Failed To Dim Headlights Improper Towing / Pushing Improper / Pushing Impr	
Vehicle Defects (Explain) Vision Obstructed Failed To Dim Headlights Improper Towing / Pushing Object / Obstruction in Roadway Speed - Exceeded Limit Driver Fatigue / Asleep Failed To Use Lights Improperly Stopped On Roadway Distracted / Inattentive (Designate	Type)
☐ Too Fast For Conditions ☐ Improper Signal ☐ Following Too Close ☐ Improper Lane Usage / Change ☐ Unknown (Explain)	туре)
X Violation Signal / Sign Improper Backing Wrong Side (Not Passing) Overcorrected Other (Explain) Failed To Yield Improper Turn Wrong Side (One-Way) Improper Riding / Clinging To Veh. Exterior Improper Turn Improper Turn <td< td=""><td></td></td<>	
Alcohol Improper Passing Physical Impairment (Explain) Failed To Secure Load / Improper Loading (See Codes in Section 8)	(S) 🔀 NA
☐ Improper Start From Park ☐ Animal(s) In Roadway	1
7E. WORK ZONE TRAFFIC CONTROL None Unknown Electric: Green/Yellow/Red Flashing Red Flashing Yellow Ramp Meter Other (Explain) INOPERATIVE / MIS	
Workers Present Other Stop Sign No Passing Zone Turn Restricted Officer / Flagman Signal On School Bus Yes (Explain)	⋈ No
Yes X No Unknown Controls: Warning Sign / Device Railway Crossing Sign / Device School Zone Yield Sign Other (Explain)	□ NA
7F. DATE OF BIRTH SEX SEAT INJ TRANS- EJEC- AIR SAFETY PHONE IN MM-DD-YYYY LOC PORT TION BAG DEVICES	NUMBER
ADDRESS (Street, City, State, Zip) MM-DD-YYYY LOC PORT TION BAG DEVICES	****
	V-7
7G. COMMERCIAL MOTOR VEHICLE X NA Required on vehicle if "Yes" was answered to questions in parts 1 and 2 in CMV involvement criteria and vehicle meets one of the three criteria.	-
7G. COMMERCIAL MOTOR VEHICLE X NA Required on vehicle if "Yes" was answered to questions in parts 1 and 2 in CMV involvement criteria and vehicle meets one of the three criter MOTOR CARRIER IDENTIFICATION (Leasee, etc.) - NAME & ADDRESS (Street, City, State, Zip)	
	☐ SAO
COMMERCIAL / Interstate Carrier Not In Commerce - Government Vehicle Not In Commerce - Other Vehicle MC / MX / ICC NO. USDOT NO.	
CARGO	
SODY Cargo Tank Dump Auto Transporter Grain / Chip / Gravel Log Another Veh. Container Cargo Unkn	
PLACARD DISPLAYED 4-DIGIT NO. CLASS HM CARGO PRESENT HM CARGO RELEASED HAZARDOUS MATERIAL NAME AZARDOUS MATERIAL NAME MATERIALS Unknown Un	

PAGE 04 OF 05

7 - DRIVERS, VEHICLES, OWNERS, & OCCUPANTS				VIII			-			
NO. 7A. DRIVER - NAME (Last, First, MI) & ADDRESS (Street, City, State, Zip) 02 BATTISTA, DOREEN J - 12167 BELLE MEADE RD, ST LOUIS, MO	O 63131	***************************************						PHONE N	UMBER 94-066	7
DRIVER LICENSE / ID NUMBER STATE LIC 🔀 Valid 🖂 Expired	LIC 💥 (Operator	Class	F□	Permi		☐ Un	·	ENDORSE	
V162280002 MO STATUS Susp / Rev / Denied Disqual CDL Canceled / Oth Invalid Unknown	TYPE O	CDL Clas	ss	_	MC O	nly		(plain)	Yes N	lo 💢 NA
LOC PORT TION BAG DEVICES OBSTRUCTED W	ot Obstructed		/ Brush	_	Sign Hillcrest	_		ring Veh		(Explain)
13 A D A SA S	POOF OF INSTIDANCE									
Yes No Not Required GEICO	PHONE NO. (C	Optional)			Y NUME 3-01-		□ NA 6		(XX	Driver Vehicle
7B. VEHICLE - OWNER NAME (Last, First, MI) & ADDRESS (Street, City, State, Zip) ☐ SAD TOYOTA, MOTOR CREDI - 12167 BELLE MEADE RD, SAINT LOUIS,	MO 62121							PHONE NU	JMBER	💢 SAD
YEAR MAKE MODEL 2010 LEXUS LEXUS RX350	, IVIO, 03131		COLOF			VI	EH. TYP	E TOTAI	L NO. OF C	DCC.
LICENSE - PLATE NO. STATE YEAR VIN			WHI		D FROM	SCEN	01 E 1	OWED DUE	2 E TO DIS. I	DAMAGE
KG4C3L MO 2014 2 T 2 B K 1 B A 4 A VEHICLE DAMAGE (Mark all damaged areas) □ None / No Damage TOWED BY □			6 3	☐ Ye:	s 💢 1	Vo.	1000	☐ Yes 🎾	≰ No	set/esemperation of
INITIAL IMPACT NO: 2 3 4 5 6 7 18 - Undercarriage 22 - Cargo	Unknown 🔀 t	VA								
□ NA U 1 1 15 16 17 8 20 - Burned 24 - Other										

Vehicle BODY TYPES - Automobiles / Specialty Vehicles			Single	unit Truck	r: 2 avlo	s 6 tira	, T	GVW / (GCVW RAT	TING
☐ Van (< 9 W/Driver) ☐ Large Bus (16+ W/Driver) ☐ ATV ☐ Farm Impleme			-	unit Truck			es i	(Not Lic	censed We	ight)
Passenger Van (9+ W/Driver) Construction E Sport Utility Vehicle School Bus 2 Wh Other Vehicle	quip. Heavy Mach (Code)	· 🗆	Veh. Pu	ulling Ano	ther Uni	t(s)			ctors, or Ha	az Mat
☐ Limousine (7-8 W/Driver) ☐ Intercity ☐ 3 Wh ☐ Cargo Van	, , , , , , , , , , , , , , , , , , , ,			ractor Wi			, نا	Placa Less th	rd Veh. On an or	ly)
☐ Imousine (9-15 W/Driver) ☐ Transit / Commuter ☐ 4 Wh ☐ Pickup ☐ Motorized Bicycle ☐ Charter / Tour ☐ 5 Wh / More ☐ Other Heavy T	ruck			ractor Wi			- 1	•	10,000 lbs	
☐ Pedalcycle ☐ Other ☐ Unknown ☐ Unknown (Exp	lain)			ractor Wi ractor Wi			1 :		- 26,000 lb than 26,00	
EMERGENCY VEHICLE INVOLVEMENT X NA	CONTRIBUTIN	IG TRAF	FIC CO	NOITION	s D i	IΔ] [Unknow	/n	
Police Ambulance □ A. Emergency Vehicle on Emergency Run □ Fire Other (Must check "A" / "B") □ B. Stationary With Emergency Equip. Activated	Congesti	on Ahea	d [Other	· Inciden own (Ex	t Ahea	d			
7C. VEHICLE ACTION / SEQUENCE OF EVENTS CODES Additional Codes Listed in Narrative (See C	odes in Section 8)						ALC	OHOL USE	
SEQUENCE OF EVENTS CODES Unknown 12 09 05 34	ANIMAL (CODE(S))	FI	XED OB	JECT (CODE(S			Unk NA
7D. PROBABLE CONTRIBUTING CIRCUMSTANCES X None					100					
Casad Francisco D Divini Full D Divini Full D Divini Full D D Divini D D D D D D D D D D D D D D D D D D	proper Towing / Pu	_						tion in Road	•	
☐ Too Fast For Conditions ☐ Improper Signal ☐ Following Too Close ☐ Imp	properly Stopped (proper Lane Usage		•				id / Inatt n (Explai	entive (Desi in)	gnate Type	9)
	ercorrected	T.	\/- \ - \			ther (E			-	
Alcohol Improper Passing Physical Impairment (Explain) Fai	proper Riding / Cli iled To Secure Loa	ad / Impr			DIST			TTENTIVE C		X NA
	imal(s) In Roadwa	у				(:	100		
7E. WORK ZONE	ow ∏ Ramp N	Meter	□ Oth	ner (Expla	ain)			ONTROL MA OPERATIVE		
Workers Present	☐ Officer / Fla	aman	☐ Sid	gnal On S	chool B	 Bus		Yes (Expla		
Yes No Unknown Controls: Warning Sign / Device Railway Crossing Sign / Device OCCUPANTS - NAME (Last, First, MI)					Other (I	Explair) _	Unknown		
7F. ADDRESS (Street, City, State, Zip) DATE O	F BIRTH SEX D-YYYY	LOC	INJ .		EJEC- TION	AIR BAG	SAFET DEVICE		ONE NUME	BER
BATTISTA, HANNAH										
12167 BELLE MEADE RD, ST LOUIS, MO 63131 09/05/1	999 F	FR	5	1	2	03	05	314	4-394-0	667
7G. COMMERCIAL MOTOR VEHICLE X NA Required on vehicle if "Yes" was answered to questions in a										
7G. COMMERCIAL MOTOR VEHICLE X NA Required on vehicle if "Yes" was answered to questions in p MOTOR CARRIER IDENTIFICATION (Leasee, etc.) - NAME & ADDRESS (Street, City, State, Zip)	erts 1 and 2 in Cl	MV invol	vement	criteria a	and vehi	cle me		of the three PHONE NUM		part 2.
										_ 0AO
NON-COMMERCIAL Intrastate Carrier Not In Commerce - Rental Vehicle	merce - Other Veh	icle	MC / MX	(/ ICC NC).		ľ	JSDOT NO.		
CARGO		Vehicle Another			ntermod] NA Car	90 🗔	Other Unknown	
PLACARD DISPLAYED 4-DIGIT NO. CLASS HM CARGO PRESENT HM CARGO RELEA	ASED HAZARI	DOUS M.	ATERIA	L NAME	Chassis		Bod	у) —		
Yes										

9. NARRATIVE / STATEMENTS (If additional room is necessary, use Section 11 - Narrative / Statements Continuation)

I responded to the area of Clayton Rd. and Geyer Rd. for a report of a vehicle accident. Upon arrival, I made contact with Robert Grummich (Driver 1) and Doreen Battista (Driver 2) and Hannah Battista (Passenger 2). Driver 2 stated that she has persistent neck and back problems and that she was starting to feel nauseous. Frontenac 2914 and 2917 responded.

I first spoke to Driver 1. Driver 1 stated that he was traveling east on Clayton Rd approaching N. Geyer Rd. He became distracted, and did not realize that his traffic light was red. He attempted to stop and swerve around vehicle 2, yet slid due to the wet pavement and was unable to avoid hitting vehicle 2. The front drivers side corner of vehicle 1 struck the front and rear driver's side doors of vehicle 2. I observed damage to the front driver's side corner and bumper area and hood.

I then spoke to Driver 2. Driver 2 stated that she was traveling north on N. Geyer Rd., and then proceeded through the green light to turn west onto Clayton Rd. As she entered into the middle of the intersection, her vehicle was struck by vehicle 1. I observed heavy damage to the front driver's side door and to the rear driver's side door. The rear driver's side door was unable to opened.

Doreen Battista was transported to Mercy Hospital by Frontenac 2917.

I have nothing further to report at this time.

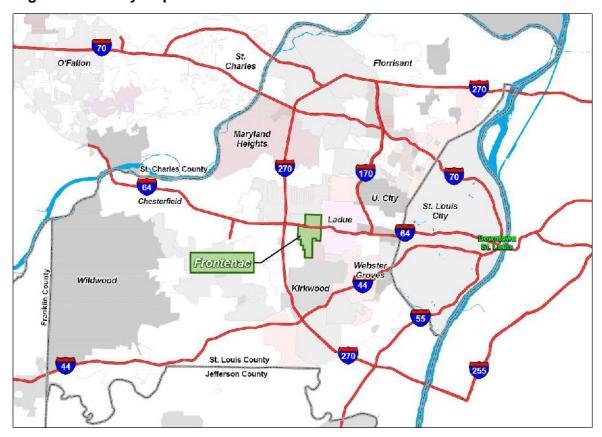
10. REPORTING AND REVIEWING OFFICER INFORMATION	ON				
REPORTING OFFICER NAME FARRIS, NICOLE]]]	OSN / BADGE NO. 00253	BEAT / ZONE A	TROOP / DISTRICT /	PRECINCT 36A
REVIEWING OFFICER NAME PICHA, CRAIG	DSN/	BADGE NO. 00204	REVIEWING OFFICER 2 NAME PICHA, CRAIG		DSN / BADGE NO. 00204



Introduction

The Comprehensive Plan for the City of Frontenac establishes a long-range vision for the changing land uses and design of new buildings within the community. It is a decision-making guide for public officials, residents, neighborhood associations, business owners/operators, public service and infrastructure providers, and the development community. The plan provides a framework for making development and zoning decisions, and implementing public improvements. In addition, the plan captures the residents' vision for Frontenac's future and identifies the strategies necessary to achieve that vision.

Figure 1—Vicinity Map



Planning Process

Community planning is a process whereby the community's collective values and aspirations are translated into a road map of incremental steps that allow the community to reach its desired destination. Figure 2 illustrates the process used to develop the Frontenac Comprehensive Plan.

The first step in this process focused on understanding what made Frontenac the community it is today and the real or perceived obstacles to reaching its desired potential. Community issues, a vision, and goals, were obtained through a professionally-facilitated public engagement program that included a series of public open houses, visioning sessions, planning workshops, and a survey of residents.



Appendix A—Existing Conditions Report provides an overview of social, economic, and physical conditions influencing past and future land use in Frontenac. Appendix B—Public Engagement Overview includes more details on the public engagement program. In addition, a Demographic and Real Estate Market Overview is contained in Appendix C, a Preliminary Assessment of Frontenac's Land Use Regulations is provided in Appendix D, and a summary of applicable Missouri Municipal Funding Programs can be found in Appendix E.

From this information, a set of planning goals was identified. The planning goals guided the development of planning concepts for community character, public facilities and transportation, commercial character, and residential character. Next, recommendations—in the form of a land use plan—were created. Plan implementation strategies were then developed to provide the City with the road map needed to achieve the Frontenac envisioned in this plan.

Key Community Issues

Key issues were identified through a series of public input meetings. Additional issues impacting the quality of life in Frontenac were identified during the data collection and market analysis phases. The issues captured community concerns and were used to formulate goals and implementation strategies. Issues were grouped into the following categories: Community Character, Public Facilities & Transportation, Commercial Character, and Residential Character.

Key community issues are summarized in the following paragraphs.

Key Issue: Community Character

- Family orientation. The condition of Frontenac's neighborhoods helps foster an emphasis on the family. These conditions include quiet and safe streets, financial stability, quality-constructed/high-value homes, active churches and schools, and a sense of community through tight-knit Neighborhood Associations.
- Green space. Landscaping, open spaces, public/private "public spaces", and mature trees are a source of pride and identity for residents. The upsizing of homes is seen as a threat to the amount of green space in Frontenac.
- Good location. Frontenac's central location within St. Louis County allows it to be a
 quiet, bedroom community. Everyday goods and services are available in nearby
 communities thereby permitting commercial activity in Frontenac to be more
 specialty/niche market-oriented.
- City identification. Identification markers and entrance signs across the City do not reflect the high level of quality, character, and community pride that exists in Frontenac.

Key Issue: Public Facilities & Transportation

- Storm water plan. The City of Frontenac is in the process of developing a storm water master plan. Localized flooding and storm water impacts of construction sites were the catalysts for the plan. Residents' current concerns revolve around communication issues: an understanding of the length of time it takes to complete a plan, and lack of community notification regarding its adoption process.
- Lack of walkability/bikeability. Residents would like to see improvements in pedestrian and bicycle safety and accessibility along main roads in Frontenac. Gever, Clayton, Spoede, Conway and Lindbergh were specifically identified.
- *Traffic congestion.* Major roads experience congestion during peak hours. Residents would like to see improvements to key intersections to allow for better traffic flow.

- Outdated city facilities. City Hall, the Police Department, and the Fire Department are located in buildings that are physically and functionally undersized and outdated.
- *Inconsistent road maintenance*. With private subdivisions, the City, and the State (MoDOT) maintaining roads within Frontenac, the conditions of pavement, right-of-way landscaping, and traffic calming devices across the City vary. Residents would prefer a more consistent, higher level of public right-of-way maintenance.
- Unreliable electric service. Residents and elected officials are concerned about the lack of reliability of the public-utility electric service provided in the community as reflected by frequent power outages.

Key Issue: Commercial Character

4

- No common character. The character of existing commercial buildings in Frontenac does not reflect the residents' desires for an up-scale, attractive, people-friendly community. There are few similarities between business areas in Frontenac or even between adjacent buildings. The result is a lack of identification of specific business districts and a feel that areas are fragmented.
- *Upscale*. Businesses in general are viewed as having a niche market with upscale goods and services. Residents would like to continue this trend.
- Lacks services for residents. Residents of Frontenac must travel to other communities to purchase everyday goods and services. This can be interpreted as an inconvenience, but there is not a consensus among Frontenac residents that this is so since amenities in adjacent communities are only minutes away.
- Outdated. Some of the non-residential buildings in Frontenac have surpassed their peak of usefulness. Because of their size or configuration they are not ideal for modern retail activity or provision of services.
- Out-lot development. Land for new business development in Frontenac is limited. As a result, new buildings are being constructed on out-lots of existing establishments. This negatively affects the suburban feel of Frontenac increasing the density of commercial activity.
- Auto dependent. Business centers in Frontenac are very difficult to reach by anything but the automobile. It is even difficult to walk between adjacent businesses.

Key Issue: Residential Character

- Character of housing development. Most new homes being built in Frontenac are on the site of a home that was recently demolished to provide the site. Residents are concerned that the size and design of new homes does not blend well with existing neighborhoods. A balance must be found between the property rights of people selling their homes, the desires of new homeowners, and the expectations of neighborhood residents, so that neighborhoods are not significantly impacted by the new homes' size or character.
- Housing Options. Housing options in Frontenac are limited. Residents are split on the issue of offering a range of "Life-Cycle Housing"; however, a majority believes the addition of high-end villas would have a positive impact on Frontenac.
- Impact of construction on current residents. As older homes are torn down and replaced with new ones, several negative impacts have been reported as a result of demolition and construction. Residents' "view sheds" are damaged by removal of vegetation; storm water and debris flow onto neighboring properties; and construction vehicles create nuisances, safety hazards, and damage to private roads. Additionally, the City has no requirements for construction to be completed in a timely manner, with construction sites (or vacant homes awaiting demolition) sometimes standing idle for months.
- Maximize green space. An over-riding theme in public participation has been the
 maximization of open spaces, green areas, and landscaping. Abundant and quality
 landscaping is viewed as desirable for residential as well as commercial areas in
 Frontenac.
- Autonomous neighborhoods. Every subdivision in Frontenac has a degree of authority and local control through covenants, indentures, and deed restrictions and trustee representation. All local, residential streets are privately owned. However, the degree of control and level of enforcement varies across the City. Certain trustees have more experience and resources at hand to deal with issues affecting their neighborhood. Coordination between neighborhoods, or assistance available if needed, should be expanded.

Comprehensive Plan Goal Statements

Plan goals describe the desired outcomes achieved by implementing the Comprehensive Plan. Plan Goals are used to guide development of Recommendations and the Implementation Strategy. The Goals for Frontenac were developed during the public participation process.

Goal Statements: Community Character

- Contribute to community identity by establishing gateways and streetscape improvements along public streets, with special emphasis on gateways at the reconfigured I-64 interchanges at Spoede and Lindbergh and streetscaping on Clayton Road.
- Increase current balance of greenspace on both public and private property through landscaping and tree preservation requirements.
- Help foster a sense of community and family orientation through facilities, programs and events that bring residents together.
- Improve communications between residents, neighborhood trustees, and City elected/appointed officials.
- Establish indoor and outdoor community gathering places through public/private partnerships or private venues.

Goal Statements: Public Facilities & Transportation

- Improve off-street pedestrian and cyclist connectivity via sidewalks and trails.
- Improve on-street and street right-of-way safety for pedestrians and cyclists.
- Enhance the streetscape of public streets through improved landscaping and use of standardized fixtures.
- Update the municipal complex containing City Hall, Public Works, Police Department, and Fire Department facilities.
- Pursue supplemental funding sources for public improvements.
- Work with AmerenUE to improve the reliability of electric service in the community.

Goal Statements: Commercial Character

- Encourage upscale character and quality architecture of commercial buildings.
- Optimize use of space and tax-generating potential within existing commercial areas.
- Encourage mixed use development of commercial areas (e.g., retail, office, and restaurant uses).
- Require high quality landscape design for existing and future commercial developments.
- Prepare and enforce design criteria for Frontenac's identified business districts (e.g., Clayton Road and West End Park).
- Assist in attracting upscale retailers and restaurants to Frontenac's existing commercial areas.

Goal Statements: Residential Character

- Encourage renovation/expansion as opposed to tear down/rebuild of existing homes.
- Encourage the design of new homes to be compatible in scale and character to surrounding homes.
- Sustain the variety of housing types in Frontenac to allow residents to remain in the community throughout their lifetime and across multiple stages of housing need (i.e., first home, family home, empty nest, retirement).
- Supplement housing types with high-end villas as needed to meet the needs of the community.
- Regulate impacts of construction, such as erosion, heavy vehicle traffic, and long durations of inactive construction sites.
- Improve the family orientation of Frontenac through design (e.g., public sidewalks and bike trails connecting neighborhoods with neighborhoods and neighborhoods with schools).

Implementation Strategy: Public Facilities & Transportation

1. Connectivity

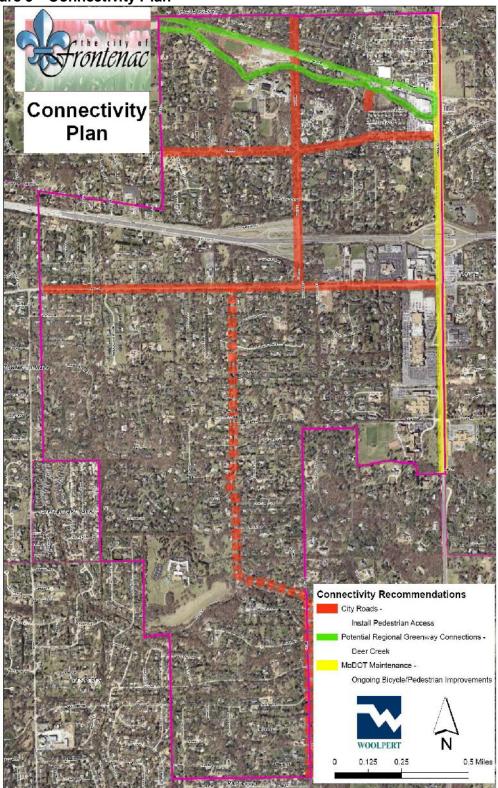
• The roadway network in Frontenac is well established. Manipulation of the network or addition of new roads is not necessary. Reconstruction of the I-64 interchanges will take place according to plans adopted by the Missouri Department of Transportation. Reconfigurations also will occur along Lindbergh Boulevard at the discretion of MoDOT. A limited amount of property must be acquired by MoDOT to complete the I-64 interchange construction, but no land use changes are expected as a result of the acquisition. Additionally, no changes will occur to the functional classification of adjacent roadways.

Connectivity refers to the ability of residents to access different areas of Frontenac as a pedestrian or bicyclist. The goal is to connect neighborhoods with commercial areas and commercial areas with each other. This method of access is for transportation as well as fitness and recreation. The location of proposed connectivity routes is illustrated on the map in Figure 9. Frontenac-maintained streets should have sidewalks or a right-of-way designated for non-motorized transport including Clayton Road, Spoede Road, and Conway Road. If residents of Frontenac in the future decide in favor of pedestrian access along Geyer Road, the connectivity concepts described below may be considered. Additionally, a pedestrian/bicycle-only connection is recommended from the southern portion of West End Park across Deer Creek to the German Boulevard area, potentially along the platted Princess Road right-of-way.

A community-wide trail plan should be prepared in cooperation with the East-West Gateway Council of Governments and in coordination with the Great Rivers Greenway District. The City has already obtained funding through the East-West Gateway Council of Governments' walk-ability/bike-ability initiative (St. Louis Regional Bicycling and Walking Transportation Plan) for this connectivity plan.

Implementation Strategy: Public Facilities & Transportation (continued)

Figure 9—Connectivity Plan





City of Frontenac, Missouri

10555 Clayton Road, Frontenac, Missouri 63131

Geyer Road Improvements Study

May 2016

Report Prepared By:



St. Louis, Missouri 63101 St. Peters, Missouri 63376
PHONE: 314.621.3395 PHONE: 314.621.3395

1.1 Purpose

The City of Frontenac (City) contracted with Lochmueller Group (Lochgroup) in November of 2015 to develop a design study to evaluate the existing pavement condition, stormwater drainage functionality, as well as safety concerns along Geyer Road between Clayton Road south to the City's limits. This study, in turn, will assist the City to develop a plan for future improvements within the public right-of-way. The report examines specific improvement recommendations and actions for pavement preservation, stormwater drainage, pedestrian accommodations, and coordination of utility infrastructure improvements. Specific objectives of the assessment were to develop a conceptual scope and schedule as well as anticipated costs for improvements to the Geyer Road corridor for future planning and budgeting efforts. In total, items to be evaluated include addressing stormwater drainage concerns, the feasibility, moreover, want of improving pedestrian access, the need of third party utility improvements, better traffic flow improvements as well as improving the condition of the existing roadway pavement.

This study summarizes each recommendation throughout the Geyer Road corridor with estimates of project costs (engineering, right-of-way and construction), and identifies possible supplemental funding sources that are available to the City. Cost estimates are included and forecasted through a proposed schedule.

In general, this report can form the basis of efforts to maintain and improve the Geyer Road corridor.

1.2 OBJECTIVES

A toolkit of strategies was identified to promote a smart design for improvements along Geyer Road. The objective of these strategies is to develop a plan consistent with the goals of the community that the City can afford to implement and maintain in the future.

Lochgroup executed the study in close coordination with the City's Public Works staff, including weekly updates on progress and outlined work accomplished. Resident outreach, by means of a survey questionnaire, was developed to provide feedback to the City's administration specifically as it related to proposed pedestrian improvements. In addition to the survey questionnaires, Lochgroup and City representatives met personally with some residents along the study corridor as data was collected. The survey and discussions in the field promoted an open communication effort between property owners and the City.

In order to accomplish the goals set forth by the City, several roadway improvement strategies were evaluated. Among these improvements considered were removal and replacement of only the necessary declined asphalt pavement areas, widening of lanes, bicycle and pedestrian enhancements such as on street widened shared use lanes, or dedicated on street bicycle lanes, separated bicycle and/or pedestrian paths and sidewalks. Those strategies based on improving stormwater drainage are the addition of curb and gutter adjacent to the existing pavement; repair/replacement of existing drainage structures, widening/deepening of ditches, and the additional of new storm sewers where necessary. During the evaluation process, as vetted during the January 13th Public Works Commission Meeting, the improvements were screened and prioritized based on cost, impact to adjacent properties, benefit provided, and how they coincided with the results of the residential survey questionnaire.



Strategic improvement plans for Geyer Road were developed based upon transportation needs in conjunction with the discussions held during the Public Works Commission Meeting.

1.3 BENEFITS AND RECOMMENDATIONS

The immediate benefits of the study include better information availability for yearly planning and budgeting as well as better coordination of future third party utility improvements. The results of the study can also be utilized in efforts to obtain grant funding through federal reimbursement programs to assist with implementation of the recommended improvements. These improvements will safeguard the City's existing investment in Geyer Road by preventing further deterioration due to pavement age and drainage deficiencies, including ponding water concerns, while also addressing sight distance issues. This document can serve as a guide for the City during the implementation of the recommended improvements.

Recommendations include:

- » Resurfacing of the existing pavement with a mill and overlay process or full depth repairs as needed
- » Addition of new concrete curb and gutter system on both sides of the roadway or only in priority areas
- » Repair/replace deficient existing drainage infrastructure
- » Addition of new storm sewer and inlet structures to address drainage issues
- » Improve sight distance by removing certain obstructions within the right-of-way
- » Coordinate utility upgrades in conjunction with the roadway improvements
- » Provide enhancements, when feasible, to maintain the "Country Lane" feel of Geyer Road
- » Provide a design that supports future pedestrian improvements (i.e. sidewalks, crosswalks and curb ramps conforming with the current Americans with Disabilities Act standards)



Figure 1-1. Photo of Current Stormwater Drainage System Near Twin Fawns Subdivision



BILL NO. 2018-1894

AN ORDINANCE AUTHORIZING THE MAYOR, ON BEHALF OF THE CITY OF FRONTENAC, MISSOURI, TO APPLY FOR GRANT FUNDING FOR GEYER ROAD IMPROVEMENTS.

WHEREAS, sidewalks connecting to residential neighborhoods were a priority expressed by residents in the Comprehensive Plan; and

WHEREAS, there is no safe pedestrian access along Geyer Road between Clayton Road and the City limits; and

WHEREAS, applications for grant funding for 70% of the project cost are being received by East-West Gateway Council of Governments and 30% of the project cost will be funded by the City; and

WHEREAS, it has been determined a portion of the improvements will improve storm water management and roadway surface.

NOW, THEREFORE BE IT ORDAINED BY THE BOARD OF ALDERMEN OF THE CITY OF FRONTENAC, ST. LOUIS COUNTY, MISSOURI AS FOLLOWS:

Section One.

The Board of Aldermen approves the Mayor authorizing and designating the City Administrator to apply for financial assistance available through East-West Gateway Council of Governments for Geyer Road Improvements.

Section Two.

The Board of Aldermen approves matching funds from the City in the amount of 30% of the project costs.

Section Three.

This Ordinance shall be in full force and effect as of July 1, 2018, after its passage by the Board of Aldermen and approval by the Mayor.

PASSED BY THE BOARD OF ALDERMEN OF THE CITY OF FRONTENAC, MISSOURI, THIS 29^{TH} DAY OF MAY, 2018.

Mana Marten
Presiding Officer

Attest:

Leesa Ross, Čity Clerk

APPROVED THIS 29TH DAY OF MAY, 2018.

Margot M. Martin, Mayor

Attest:

Leesa Ross, City Clerk



June 13, 2018

Jim Wild Executive Director East West Gateway Council of Governments One Memorial Drive Suite 1600 St. Louis, MO 63102

Dear Mr. Wild,

As the Director of Planning and Projects for Great Rivers Greenway, it is my pleasure to write this letter supporting the City of Frontenac's STP Application to improve Geyer Road south of Clayton Road. The project will enhance travel for motorists, cyclists, pedestrians, and transit passengers in the area.

As part of the planning process for the proposed improvements, we ask that the City of Frontenac consider evaluating separated bicycle facilities for this section of Geyer Road. If separated facilities are not feasible, at a minimum, we ask that the City implement "Share the Road" signage and pavement markings throughout the corridor.

Any federal funds received by the City to assist in funding this project will be a long-term investment in the quality of life, not only for the citizens of the Frontenac, but the entire St. Louis region.

We believe all of these improvements will help advance the mission, vision, goals and objectives of the Gateway Bike Plan.

Sincerely,

Todd Antoine

Director of Planning and Projects, Great Rivers Greenway



City of Frontenac, Missouri POLICE DEPARTMENT

10555 Clayton Road, Frontenac, Missouri - 314-994-9300

April 12, 2018

East-West Gateway Council of Governments One Memorial Drive Suite 1600 St. Louis, MO 63102

Dear Council Members,

I would like to take this opportunity to express the Frontenac Police Department's support for the proposed sidewalk and paving project on North Geyer Road. City of Frontenac residents enjoy outdoor spaces in the City, but do not have a dedicated park area due to the lack of available real estate. This causes many to walk, jog, and ride bicycles on narrow North Geyer Road.

During peak traffic times pedestrians and cyclists on North Geyer must closely share the road with heavy, faster-moving vehicles that present a danger to them. During times of construction or inclement weather such as snow, we have observed persons walking by themselves or with their dogs, and jogging in dangerously close quarters with passing vehicles.

During the past several years we have had two bicycle/auto accidents along North Geyer Road. The proposed North Geyer Road sidewalk project would allow residents to enjoy their outdoor spaces along this scenic roadway while being separated from passing vehicles. Thank you for your attention to this matter, and please feel free to contact me if you require any additional information from the Frontenac Police Department.

Sincerely yours,

Thomas M. Becker Chief of Police

Gromen M. Bech



Margot Martin Mayor

May 11, 2018

Jaysen Christensen City Administrator

Mr. Jason Lange East-West Gateway Council of Governments One South Memorial Dr., Suite 1600 St. Louis, MO 63102

Re: City of Frontenac Geyer Road STP-S Application

Dear Mr. Lange:

On behalf of my fellow elected officials, the residents, businesses and visitors to the City of Frontenac, I write in support of the Geyer Road Improvements Phase I Transportation Improvement Program.

Over the years, Frontenac has made significant improvements to pedestrian accessibility along Clayton Road, Spoede Road and Conway Road. Geyer Road is now our longest stretch of roadway with very little pedestrian access.

We have surveyed the residents both on Geyer Road and throughout the City and they are in support of our application. We are proud to commit in excess of the 20% required funding match. The roadway improvements will benefit the many vehicles and bicycles which traverse Geyer Road on a daily basis.

Thanks for your consideration of our application and consideration of this important and much needed project.

Sincerely,

Margot Martin, Mayor

Cc: Board of Aldermen

Margat Martino

Mr. Jason Lange East-West Gateway Council of Governments One South Memorial Dr., Suite 1600 St. Louis, MO 63102

Re: City of Frontenac Geyer Road Grant Application

Dear Mr. Lange:

As residents of the Portland Subdivision on Geyer Road, my wife and I are very supportive of the City of Frontenac application for funding assistance to install sidewalks along Geyer Road as well as paving Geyer Road.

We have two young children and there are many families in our subdivision with young children who would benefit greatly from the enhanced safety of sidewalks. Portland is just south of Clayton Road on Geyer Road so we are in Phase I of the proposed improvements. Many pedestrians currently walk in the street. There is significant traffic along Geyer as it is a north-south collector from Clayton Road to Manchester Road.

Thanks for your consideration of this important and much needed project.

MCDen Olyn Usder

Sincerely,

Mike and Alyson Schoedel

57 Portland Drive

Frontenac, MO 63131

HERMITAGE HILL SUBDIVISION FRONTENAC, MISSOURI

May 21, 2018

East-West Gateway Council of

Governments

Attn: Jason Lange

One South Memorial Dr., Suite 1600

St. Louis, MO 63102

City of Frontenac

Attn: Jaysen Christensen, City Administrator

10555 Clayton Road

Frontenac, MO 63131

Re: Geyer Road Sidewalks -- City of Frontenac, Missouri

Dear Messrs. Lange and Christensen:

This letter is being written on behalf of the trustees of Hermitage Hill subdivision and on behalf of the homeowners of Hermitage Hill subdivision.

On January 22, 2017, the subdivision convened an annual meeting attended by the majority of the homeowners. The proposal for installation of sidewalks along Geyer Road was discussed. It is our understanding that the sidewalks would run along one side of the street.

All of the homeowners present at the meeting were enthusiastically in favor of the sidewalks. Moreover, the views expressed by the homeowners since last year's meeting have remained uniformly in favor of the sidewalks. Many residents in our neighborhood walk along Geyer Road, including many children. We would appreciate the safety that would be afforded by the sidewalks.

Furthermore, all of the residents in our neighborhood voicing an opinion on the location of the sidewalks have underscored a desire to see the sidewalks (at least between Clayton Road and Steeplechase) placed on the eastern side of Geyer Road, where there are already telephone poles and where the sidewalk installation would not require destruction of the trees along Geyer Road. This placement would be similar to the location of the sidewalks along the eastern side of Spoede Road between Conway Road and the northern boundary of Frontenac.

Thank you.

Sincerely,

George Murray

Trustee of Hermitage Hill

cc: Nate Keller & John Moore, Co-Trustees

Creage & Many insue

Geyer Road Survey Results

City-wide, more than 42% of households responded.

Of those who responded:

90% of residents city-wide who responded are in favor of applying for grant funding for Geyer Road improvements including sidewalks.

57% of residents who have property abutting Geyer Road are in favor of applying for grant funding for Geyer Road improvements including sidewalks.

87% of residents who live on streets off of Geyer Road are in favor of applying for grant funding for Geyer Road improvements including sidewalks.



Geyer Road Improvement Survey

Dear Frontenac Residents:

The City of Frontenac Board of Alderpersons in conjunction with the Public Works Commission has retained a consultant to study improvement options for Geyer Road. The roadway is in need of a full mill and overlay from Clayton Road to the Kirkwood City limits on the south.

The engineering consultants have recommended installation of concrete curb and gutter in addition to drainage improvements to improve the function and extend the future life of the roadway in conjunction with the mill and overlay.

The addition of sidewalks greatly enhances the City's chances for grant funding of approximately eighty percent federal funding of the project cost.

The consultant's estimate for mill and overlay, improved drainage with concrete curb and gutter and drainage piping is estimated at \$3,475,000.

If sidewalks are included in the above scope, the opportunity for grant funding is greatly enhanced and the City's cost would then reduce to \$785,000.

Right of way exists along most of the Geyer Road corridor to install the sidewalks on one side. (There may be a need for a crossing at some point.) A copy of the consultant's study is available on the home page of the City web site www.cityoffrontenac.org or at City Hall during business hours.

Please respond by September 15, 2016

Your Name	e :	
Your Addre	ess :	
		City of Frontenac applying for grant funding to provide Road including the addition of sidewalk behind the curb.
☐ Yes	□ No	Comments :

Please drop off the survey at City Hall between 8:30 am and 5:00 pm, mail to 10555 Clayton Road, scan and e-mail to scooper@cityoffrontenac.org, or fax to 314-373-6603 If you have questions call Bob Shelton or Jeff Wappelhorst at City Hall, 994-3200.