

City of Lake Saint Louis
Department of Public Works



307 Parkway Industrial Drive
Lake Saint Louis, Mo. 63367

Date: September 27, 2023

Dear Consultant:

The City of Lake Saint Louis is requesting the services of a consulting engineering firm to perform the described professional services for the project included on the attached list. If your firm would like to be considered for these consulting services, you may express your interest by responding to the appropriate office, which is indicated on the attachments. Limit your letter of interest to no more than 5 pages. This letter should include any information which might help us in the selection process, such as the persons or team you would assign to each project, the backgrounds of those individuals, other projects your company has recently completed or that are now active, and unique approaches or insights applicable to this particular project. It is required that your firm's Statement of Qualification (RSMo 8.285 through 8.291) be submitted with your firm's Letter of Interest. The statement of qualification is not included in the total page count limit.

DBE firms must be listed in the MRCC DBE Directory located on MoDOT's website at www.modot.gov, in order to be counted as participation towards an established DBE Goal. We encourage DBE firms to submit letters of interest as prime consultants for any project they feel can be managed by their firm.

It is required that your firm be prequalified with MoDOT and listed in [MoDOT's Approved Consultant Prequalification List](#), or your firm will be considered non-responsive.

All letters must be received in a **sealed and clearly labeled envelope** by 12 pm, 10/19/2023 delivered to:

Lake Saint Louis City Clerk's Office
200 Civic Center Drive
Lake Saint Louis, MO 63367

Please note: The outside of the envelope should be clearly labeled "RFQ No. 12-23 Lake Saint Louis Boulevard S Phase 2 Improvement Project" It is recommended that this sealed envelope be placed inside the shipping envelope as the shipping envelope will likely be opened.

Deliveries may be made in person, via parcel service (FedEx, UPS, etc.), or via US mail. It is recommended that several days additional time be allowed if using an option without guaranteed delivery and tracking. Late deliveries will not be accepted.

Sincerely,

A handwritten signature in cursive script that reads "Terry Rigdon".

Terry Rigdon
Director of Public Works

City of Lake Saint Louis Lake Saint Louis Boulevard S Phase 2 Improvement Project	
Federal Aid No:	STBP 7302 (701)
Location:	Lake Saint Louis Blvd (Hawk Ridge Circle to Hawk Ridge Trail).
Proposed Improvement:	This project proposes widening Lake Saint Louis Blvd from 2 to 3 lanes, new curb and gutters, closed drainage length of project, 6' and 10' shared path sidewalks.
Length:	0.36 Miles
Approximate Construction Cost:	\$3,304,647
DBE Goal Determination:	12%
Consultant Services Required:	Major Project scope items include: • Roadway Widening • Curb and Gutter • Storm Sewers • Sidewalk/Pedestrian Improvements • Utility relocations, if required The engineering responsibilities may include but are not limited to the following: The preparation of Conceptual plans, Preliminary plans, Contract plans. Design services may include, right of way plans, surveying, geotechnical investigations, traffic engineering, retaining wall design, storm water drainage design, public involvement, contract documents, assisting with the bidding process, construction support as needed, utility coordination and traffic controls including the preparation of PS&E and final documents. • Preparation and submittal of all necessary environmental/historic preservation documents for clearance as necessary • Preparation of all permitting required • Conduct topographic and ROW surveys at the project intersections and prepare electronic deliverables • Review application and recommend

	changes to the project as necessary to conform to applicable standards. • Prepare concept engineering plans (30%) that include horizontal alignment, vertical alignment, basic intersection geometrics, traffic engineering related to RRFB's and pedestrian crossings, conceptual improved drainage design, conceptual traffic control plan, and cost estimate • Prepare ROW plans (70%) and associated legal documents for the City to obtain required easements and ROW needed for the project • Prepare all ROW and easement exhibits, legal descriptions, and all other work associated to acquisition, including obtaining title commitments. • Prepare draft final plans (95%) and contract documents for bidding. Submit draft final plans and contract documents. • Provide final construction plans (incl. comprehensive traffic control plans) and contract documents for bidding • Prepare and submit all required documentation for Plans Specs and Estimates (PS&E) approval from MoDOT. • Provide exhibits, material, and staff at open house style public meetings (1 public and 1 property owner) • Facilitate utility coordination by sending plans to utility companies • Provide shop drawing review and clarification of plans during the construction phase services • Attend coordination meetings as required. • Attend two (2) on -site visits during
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	construction during critical portions of work, to ensure compliance.
Other Comments:	Submit <u>4</u> copies of RFQ Approved project application is attached.
Contact:	Name: Terry Rigdon Address: 307 Parkway Industrial Drive Lake Saint Louis, MO 63367 Phone: 636.695.4221 Email: trigdon@lakesaintlouis.com
Deadline:	October 19, 2023 at 12:00 PM
Submit: Letter of interest should not exceed <u>5</u> pages total. A page is defined as 8-1/2 by 11 inches and printed on one side. <u>4</u> copies of the letter interest should be received at the address and by the time specified. <i><u>One copy of all submittals should be unbound.</u></i>	

Pursuant to the Brooks Act for Consultant Selection – the following criteria will be the basis for selection. Additional criteria can be added with the approval of Central Office Design- MoDOT.

Experience and Technical Competence -	<u>30</u>	Max Points
Capacity and Capability -	<u>25</u>	Max Points
Availability of staff assigned to project to attend project meetings and meet for on-site consultation –	<u>10</u>	Max Points
Project specific factors (approach, understanding, innovative ideas) -	<u>10</u>	Max Points
Past Record of Performance -	<u>25</u>	Max Points

Experience & Technical Competence

Individuals: Rate the qualifications of employees designated to this specific job. Consider both Technical Competence of the employees for the given discipline or skill set, but also experience with similar projects. Recent experience with jobs of similar scope and complexity and appropriateness of qualifications should be specifically considered.

Capacity & Capability

Firm and Team: Evaluate the consulting firm for experience on similar and related types of work it has performed. Appropriateness of team size, ability to provide backup staffing if necessary without adding complexity to the project with unnecessary division of labor. Consider Firm's workload. The Firm should include a statement of QA/QC strategies and methods. The submitted schedule will also be evaluated as part of this portion of the rankings.

Availability of Staff

Key personnel should be reasonably available for meetings. Geographically distant or disbursed personnel would normally reduce this score without appropriate mitigating strategies, and justification.

Project Specific Factors

The proposal should include some degree of narrative describing the firms approach, project understanding, and highlight innovation the team can bring to the project. This score is an opportunity to reward outstanding insight or approaches.

Past Record of Performance

Quality of work performed for the City on previous contracts, and responses from reference checks.



Surface Transportation Block Grant Program

2023 Call for Projects

For the St. Louis Region

Road Project Type

Sponsoring Agency:

Project Title:

Federal Amount Requested:

Applications Due: February 9, 2023 by 4:00 pm



EAST-WEST GATEWAY
Council of Governments

Creating Solutions Across Jurisdictional Boundaries

November 2022

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 supplemental materials are available on the East-West Gateway Council of Governments (EWG) [STP-S Call for Projects](http://www.ewgateway.org/transportation-planning/transportation-improvement-program/competitive-transportation-programs/call-for-projects-stp-s/) web page: <http://www.ewgateway.org/transportation-planning/transportation-improvement-program/competitive-transportation-programs/call-for-projects-stp-s/>

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 on **November 4, 2022** and ends on **February 9, 2023** 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. Save the electronic copy as a PDF file using the following format: 2023STPS_[Sponsor]_[Project Name].pdf. The electronic submission must include scanned signatures and attachments. Please submit one application per email. 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. The information provided in this application is public record.

APPLICATION FEE

An application fee is required for each project that is submitted for consideration. The application fee is ½ of one percent of the federal funds being requested. For example, a project sponsor requesting \$800,000 in federal funding would be required to pay a \$4,000 application fee. Counties make annual contributions to EWG and, as such, a credit equal to their annual contribution is applied against their application fee. Counties will be invoiced for any amount above the annual contribution credit.

The TIP Application Fee Payment Information Form must be included with the TIP application fee. This form is available on the STP-S Call for Projects web page. Application fees may be submitted by check via mail or through electronic funds transfer (EFT). Mailed application fees must be postmarked by February 9, 2023. For check payments, send the TIP Application Fee Payment Information Form and check to:

TIP Application
East-West Gateway Council of Governments
1 S. Memorial Drive, Suite 1600
St. Louis, MO 63102-2451

For EFT payments, send the TIP Application Fee Payment Information Form via email to tipappfees@ewgateway.org. EFT payments are due by February 16, 2023.

CONTACT INFORMATION

Jason Lange, TIP Coordinator
East-West Gateway Council of Governments
1 S. Memorial Drive, Suite 1600
St. Louis, MO 63102-2451
E-mail: stps@ewgateway.org

SPONSOR INFORMATION									
Sponsoring agency:									
Secondary sponsor agency (if applicable):									
Chief Elected Official/Chief Executive Director:									
Name:					Title:				
Street address:									
City:		State:		County:		ZIP code:			
Project contact:									
Name:					Title:				
Agency:									
Street address:									
City:		State:		County:		ZIP code:			
Phone Number:					E-mail address:				
Application contact:									
Name:					Phone Number:				
E-mail address:									
PROJECT INFORMATION									
Project title:									
Project status: ☐ New project ☐ Continuation of STP-S/CMAQ/TAP project ☐ Add to existing non-federally funded project				Is this application request for a piece of a larger project (phase) or the entire length of project? ☐ Phase ☐ Full project					
If project is a continuation of another project that was previously programmed in the TIP, provide TIP ID # of existing project and also explain this relationship: 									
If this project is a phase of a full project, how many phases are left to complete the project? Briefly explain each phase (i.e., project limits and general improvements): 									
Has your agency received federal funds for this specific road segment within the last 10 years? ☐ Yes ☐ No									
If yes, when?									
Year of original roadway construction or most recent reconstruction:									
Year of last roadway resurfacing:									
Does this project touch MoDOT or IDOT right-of-way? ☐ Yes ☐ No <i>If yes, a letter of support for this project is required from the state DOT.</i>									
Does the sponsoring agency own and maintain this facility? ☐ Yes ☐ No <i>If no, a letter of support for this project is required from the facility owner.</i>									
If no, who owns the facility?									

ROADWAY INFORMATION			
Name of street or facility to be improved:			
Project length (miles):			
Project limits – north/west reference point, cross street, or intersection:			
Project limits – south/east reference point, cross street, or intersection:			
Federal functional classification of road (per EWG) ¹ :			
Average roadway pavement condition (PASER):			
	CURRENT:		PROPOSED:
Traffic volumes (AADT):		Year:	
Identify source of AADT ² :			
Speed limit of street (mph):			
Number of through lanes (both directions):			
Number of turn lanes:			
Two-way left turn lanes?	☐ Yes ☐ No		☐ Yes ☐ No
Typical lane width (feet):			
Outside lane width (feet):			
Shoulder width (feet):			
On-street parking allowed?	☐ Yes ☐ No		☐ Yes ☐ No
Curb and gutter?	☐ Yes ☐ No		☐ Yes ☐ No
Sidewalks?	☐ One side ☐ Both sides ☐ None		☐ One side ☐ Both sides ☐ None
Sidewalk width (feet):			
Existing sidewalk surface condition ³ :	☐ Poor ☐ Fair ☐ Good ☐ Excellent ☐ None		n/a
Estimated sidewalk to be built (square yards):	n/a		
Sidewalk/roadway separation width (feet):			
On-road bicycle facility ⁴ ?	☐ Yes ☐ No		☐ Yes ☐ No
On-road bicycle facility width:			
Shared-use path/sidepath?	☐ Yes ☐ No		☐ Yes ☐ No
Shared-use path/sidepath width (feet):			
Estimated shared-use path to be built (square yards):	n/a		
Number of new and/or reconstructed curb ramps:	n/a		

¹ EWG Functional Classification maps: <http://www.ewgateway.org/transportation-planning/roadway-functional-classification/>.

² If source is state DOT, use data from most recent available year. If source is a count conducted by the local agency, must be within five years.

³ **Poor:** the sidewalk has deep cracking and buckling, poor drainage, or tree root damage). Impassable to mobility impaired pedestrians. **Fair:** the sidewalk contains cracks or an uneven and distressed surface. Hinders mobility of the average pedestrian. **Good:** the sidewalk is free from significant cracking, buckling, or gravel surfaces. Unlikely to hinder mobility of the average pedestrian. **Excellent:** the sidewalk is in like new condition and contains no cracking or buckling. Does not hinder mobility of the average pedestrian. **None:** no sidewalk is present.

⁴ On-road bicycle facility includes: bike lanes (separated, buffered, and standard). **Shared-lane markings (sharrows) and share the road/bikes may use full lane signage are not bicycle facilities.** View the EWG Bicycle Planning Guide for a description on bicycle facilities: https://www.ewgateway.org/wp-content/uploads/2018/07/BicyclePlanningGuide_June2018.pdf.

LAND ACQUISITION INFORMATION

Status of right-of-way acquisition (all properties, permanent and/or temporary easements, Temporary Slope Construction License (TSCL), and other rights-of-way):

- ☐ All acquired or none needed
☐ In process
☐ Not started

If applicable, list the number of parcels to be acquired (all properties, permanent and/or temporary easements, TSCL, and other rights-of-way):

If any residential or commercial displacements 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:

Will the project traverse any public property, such as a public park that has used federal funds (e.g., Land and Water Conservation Funds) in the past?

☐ Yes ☐ No ☐ Unknown

UTILITY COORDINATION

Note: project sponsor must coordinate with utilities prior to construction.

Will the project involve any coordination with utilities?

☐ Yes ☐ No

If yes, check the appropriate box to select the type of utility. Then give the names of the utility companies.

☐ Electric

☐ Phone

☐ Gas

☐ Water

☐ Cable TV

☐ Storm sewer

☐ Sanitary sewer

☐

☐

Give details concerning potential utility conflicts, problems, or issues:

Utility coordination completed by:

Designed by:

Inspected by:

RAILROAD COORDINATION	
Does the project traverse any property owned by a railroad? ☐ Yes ☐ No	
Is there a railroad within 500' of project limits? ☐ Yes ☐ No	
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 anticipated over the next 25 years:	
Estimated annual cost to maintain facility and funding source(s):	
AMERICANS WITH DISABILITIES ACT	
Under the 1990 Americans with Disabilities Act (ADA), Title II requires public entities with more than 50 employees to complete a self-evaluation and create an effective ADA transition plan ⁵ .	
Does your local public agency have more than 50 employees? ☐ Yes ☐ No	
If yes, does your agency have an adopted ADA transition plan? ☐ Yes ☐ No	
If your agency has an ADA transition plan, when was it adopted?	
If ADA transition plan is not adopted, when is it expected to be adopted?	

⁵ FHWA Questions and Answers about ADA/Section 504: https://www.fhwa.dot.gov/civilrights/programs/ada/ada_sect504qa.cfm.

PROJECT DESCRIPTION

Define the **scope** and **specific elements** of the project. Describe current conditions / problems / issues that the project will address. Be as specific as possible.

COMMUNITY SUPPORT

Describe the public involvement activities to date on the proposed project:

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	10/2023	10/2023	1		
Execute agreement (project sponsor and DOT)					
Engineering services contract submitted and approved*					
Obtain environmental clearances (106, CE2, T&E, 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 date must match fiscal year for each milestone shown in bold text.					
FINANCIAL PLAN					
Note: federal participation for a phase of work must not exceed 80% in Missouri for all phases of work and 80% in Illinois for construction/construction engineering phase only. In Illinois, PE and right-of-way must be paid with local funds.					
Activity ⁶	Starting Federal Fiscal Year ⁷	Total Phase Cost	STP-S Funds Requested	Sponsor Share	Sponsor Share Percentage
PE / Planning / Environmental Studies	FY				
Right-of-Way (ROW)	FY				
Construction Engineering	FY				
Construction / Implementation	FY				
TOTAL PROJECT COST					
Identify the source(s) of local matching funds (e.g., state DOT, city, county, county road board, county motor fuel tax, private entity), and the amount for each source:					

⁶ **Illinois:** construction/construction engineering funds are available in FY 2027.

Missouri: preliminary engineering (PE) funds are available in FY 2024, right-of-way (ROW) in FY 2024 (only if PE is locally funded) OR FY 2025, and construction/construction engineering in FY 2026 (if ROW is scheduled for FY 2024) OR FY 2027.

⁷ Fiscal years are federal fiscal years (October 1 through September 30).

SAFETY		
Were there any crashes along project limits from 2016-2020? Note: a project can still potentially receive partial points if it does not have crashes, but includes a preventive safety countermeasure. ☐ Yes ☐ No		
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):		
Total number of crashes from 2016-2020 along project limits:		
Does the project include safety countermeasure(s)? ☐ Yes ☐ No		
If yes, identify the safety countermeasure(s) proposed, its Crash Modification Factor (CMF), and the CMF ID below (e.g., installation of safety edge treatment – CMF: 0.92 – CMF ID: 4303):		
Countermeasure	CMF	CMF ID
Note: a list of safety countermeasures and their CMFs is provided in Appendix C of the STP-S Scoring Criteria Guide. In addition, the FHWA Crash Modification Factors Clearinghouse provides a searchable database of safety countermeasures: http://www.cmfclearinghouse.org/ .		
Describe how the proposed safety countermeasure(s) will address the crashes occurring along the project limits:		
Are there any undocumented safety issues? ☐ Yes ☐ No		
If yes, describe the undocumented safety issue(s) and explain how the preventive safety countermeasure(s) will address the issue:		

MULTIMODAL

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 or end of trip facilities
- ☐ Other
- ☐ None

Describe the bicycle-related improvements (including ‘other’) in detail:

Does the proposed project incorporate any of the following pedestrian-related improvements?

- ☐ New sidewalks (where none currently exist)
- ☐ Sidewalk spot slab improvements
- ☐ Sidewalk reconstruction
- ☐ Construction of new curb ramps (where none currently exist)
- ☐ Curb ramp reconstruction
- ☐ Sidewalk/roadway separation
- ☐ Wayfinding, furniture, or other end of trip facilities
- ☐ Pedestrian-scale lighting (e.g., glare shielded, lower height (12’ to 16’), in-pavement)
- ☐ Other
- ☐ None

Describe the pedestrian-related improvements (including ‘other’) in detail:

Approximately what percentage of the project limits includes new or reconstructed sidewalk or shared-use path?

Does the proposed project incorporate any of the following intersection or crossing treatments?

- ☐ Pedestrian signals/push buttons
- ☐ Countdown timers
- ☐ Leading pedestrian interval (LPI)
- ☐ Bicycle signals or bicycle detection
- ☐ Rectangular Rapid-Flashing Beacon (RRFB)
- ☐ Pedestrian Hybrid Beacon (PHB or HAWK)
- ☐ Marked crosswalks (standard parallel crosswalk markings or brick crosswalk)
- ☐ High-visibility crosswalks (e.g., ladder, zebra, or continental crosswalk markings)
- ☐ Raised crosswalks
- ☐ Midblock crossings
- ☐ Pedestrian refuge islands
- ☐ Curb radius reduction
- ☐ Curb extension or bulb-outs
- ☐ Bicycle boxes
- ☐ Colored pavement crossings for bicycles lanes marked through intersection
- ☐ Other
- ☐ None

Describe the intersection or crossing treatments (including 'other') in detail and identify crosswalk locations:

If the project incorporates any safety, traffic calming, or design improvements, describe the improvements (e.g., improvements at a rail-grade crossing, intersection improvements, road diets, bulb-outs, raised 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

If yes, identify the bus route and/or transit facility:

Does the project incorporate improvements to existing transit stops or stations (e.g., 5' x 8' ADA landing pads, benches, shelters)?

☐ Yes ☐ No

If yes, identify the improvements:

Does the project provide direct access (i.e., adjacent) to a school (grades K-12 and college/university)?

☐ Yes ☐ No

Is the project within ½ mile of a school?

☐ Yes ☐ No

If yes, identify the school(s):

School Name	Proximity to Project
	☐ Direct ☐ Within ½ mile
	☐ Direct ☐ Within ½ mile
	☐ Direct ☐ Within ½ mile
	☐ Direct ☐ Within ½ mile

Does the project provide direct access (i.e., adjacent) to a community resource (e.g., park/trail, full service grocery store, civic building, library, health center, recreation center)?

☐ Yes ☐ No

If yes, identify all community resources (planned or existing) that the project directly serves:

SYSTEM RELIABILITY

Does the project include management and operations strategies that optimize the performance of the road (e.g., ITS technologies, traffic operational improvements)?

☐ Yes ☐ No

If yes, explain the strategy and how 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

If yes, what is the name of the industrial site area (e.g., 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 facility?

☐ Yes ☐ No

If yes, identify the facility or major freight generator:

Identify any commercial vehicle countermeasures proposed, and explain how the project provides improvement to the movement of freight to and from the industrial site area, facility, or major freight generator:

ENVIRONMENT

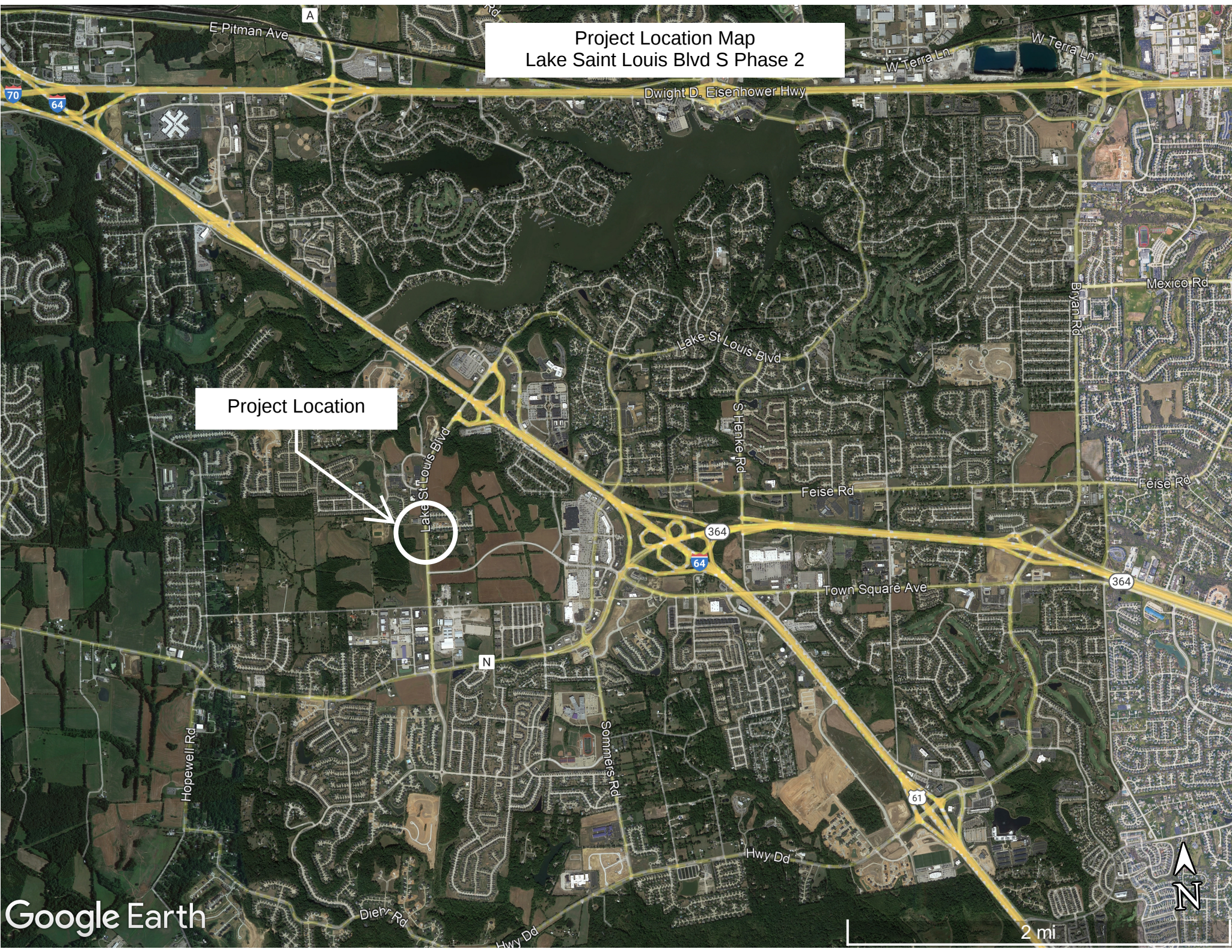
Does the project incorporate any of the following green infrastructure improvements?

- ☐ Bioswales
- ☐ Rain gardens
- ☐ Pervious pavements
- ☐ Green bulb-outs
- ☐ Solar powered lighting fixtures
- ☐ Other
- ☐ None

Describe the green infrastructure improvements (including 'other') in detail:

Project Location Map
Lake Saint Louis Blvd S Phase 2

Project Location



Estimate of Project Costs	
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Project Sponsor: City of Lake Saint Louis
Project Title: Lake Saint Louis Blvd South Phase 2
Date: 2/4/2023

[illegible]

Item	Quantity	Unit	Unit Price	Amount
EARTHWORK	1	LS	\$50,000.00	\$50,000.00
EROSION CONTROL	1	LS	\$6,000.00	\$6,000.00
TYPE 5 AGGREGATE BASE	12,800	SY	\$9.00	\$115,200.00
CONCRETE PAVEMENT (9" NON-REINF)	7,800	SY	\$90.00	\$702,000.00
ISLAND/RAISED MEDIAN	2	EACH	\$75,000.00	\$150,000.00
CLASS C EXCAVATION	200	CY	\$100.00	\$20,000.00
PAVED CONCRETE APPROACH	600	SY	\$80.00	\$48,000.00
REMOVAL OF IMPROVEMENTS	1	LS	\$145,000.00	\$145,000.00
STORM SEWERS	1,900	LF	\$80.00	\$152,000.00
INLETS	13	EACH	\$3,000.00	\$39,000.00
CURB AND GUTTER, TYPE "B"	3,800	LF	\$30.00	\$114,000.00
MOBILIZATION (6%)	1	LS	\$116,160.00	\$116,160.00
STANDARD TRAFFIC CONTROL DEVICES	1	LS	\$60,000.00	\$60,000.00
BIO-SWALE	2	EA	\$12,000.00	\$24,000.00
SUBTOTAL:				\$1,741,360.00

Specific Bicycle Items	
1. Bicycle frame	2. Bicycle wheels
3. Bicycle tires	4. Bicycle handlebars
5. Bicycle seat	6. Bicycle pedals
7. Bicycle chain	8. Bicycle gears
9. Bicycle brakes	10. Bicycle lights
11. Bicycle bell	12. Bicycle fenders
13. Bicycle rack	14. Bicycle lock
15. Bicycle pump	16. Bicycle repair kit
17. Bicycle helmet	18. Bicycle gloves
19. Bicycle socks	20. Bicycle shoes
21. Bicycle jersey	22. Bicycle shorts
23. Bicycle cap	24. Bicycle bag
25. Bicycle water bottle	26. Bicycle repair tools
27. Bicycle repair manual	28. Bicycle repair videos
29. Bicycle repair courses	30. Bicycle repair books
31. Bicycle repair kits	32. Bicycle repair tools
33. Bicycle repair manuals	34. Bicycle repair videos
35. Bicycle repair courses	36. Bicycle repair books
37. Bicycle repair kits	38. Bicycle repair tools
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81. Bicycle repair manuals	82. Bicycle repair videos
83. Bicycle repair courses	84. Bicycle repair books
85. Bicycle repair kits	86. Bicycle repair tools
87. Bicycle repair manuals	88. Bicycle repair videos
89. Bicycle repair courses	90. Bicycle repair books
91. Bicycle repair kits	92. Bicycle repair tools
93. Bicycle repair manuals	94. Bicycle repair videos
95. Bicycle repair courses	96. Bicycle repair books
97. Bicycle repair kits	98. Bicycle repair tools
99. Bicycle repair manuals	100. Bicycle repair videos
101. Bicycle repair courses	102. Bicycle repair books
103. Bicycle repair kits	104. Bicycle repair tools
105. Bicycle repair manuals	106. Bicycle repair videos
107. Bicycle repair courses	108. Bicycle repair books
109. Bicycle repair kits	110. Bicycle repair tools
111. Bicycle repair manuals	112. Bicycle repair videos
113. Bicycle repair courses	114. Bicycle repair books
115. Bicycle repair kits	116. Bicycle repair tools
117. Bicycle repair manuals	118. Bicycle repair videos
119. Bicycle repair courses	120. Bicycle repair books
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171. Bicycle repair manuals	172. Bicycle repair videos
173. Bicycle repair courses	174. Bicycle repair books
175. Bicycle repair kits	176. Bicycle repair tools
177. Bicycle repair manuals	178. Bicycle repair videos
179. Bicycle repair courses	180. Bicycle repair books
181. Bicycle repair kits	182. Bicycle repair tools
183. Bicycle repair manuals	184. Bicycle repair videos
185. Bicycle repair courses	186. Bicycle repair books
187. Bicycle repair kits	188. Bicycle repair tools
189. Bicycle repair manuals	190. Bicycle repair videos
191. Bicycle repair courses	192. Bicycle repair books
193. Bicycle repair kits	194. Bicycle repair tools
195. Bicycle repair manuals	196. Bicycle repair videos
197. Bicycle repair courses	198. Bicycle repair books
199. Bicycle repair kits	200. Bicycle repair tools

Item	Quantity	Unit	Unit Price	Amount
CONCRETE SHARED-USE PATH	1,900	SY	\$50.00	\$95,000.00
SUBTOTAL				\$95,000.00

Specific Pedestrian Items	
1	Handicapped Accessible
2	Handicapped Accessible
3	Handicapped Accessible
4	Handicapped Accessible
5	Handicapped Accessible
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99	Handicapped Accessible
100	Handicapped Accessible

Item	Quantity	Unit	Unit Price	Amount
CONCRETE SIDEWALK	1,200	SY	\$50.00	\$60,000.00
TRUNCATED DOMES	40	SF	\$145.00	\$5,800.00
				\$0.00
			SUBTOTAL:	\$65,800.00

Specific Transit Items	
1	1
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5	5
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100	100

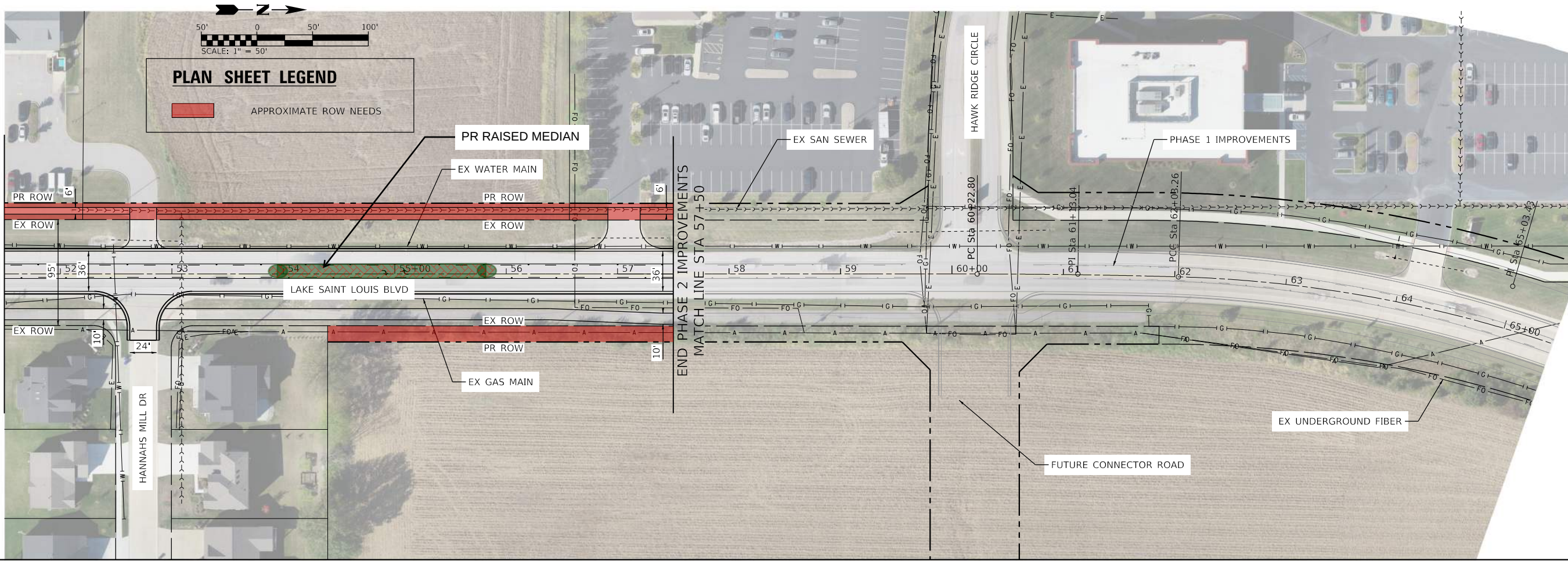
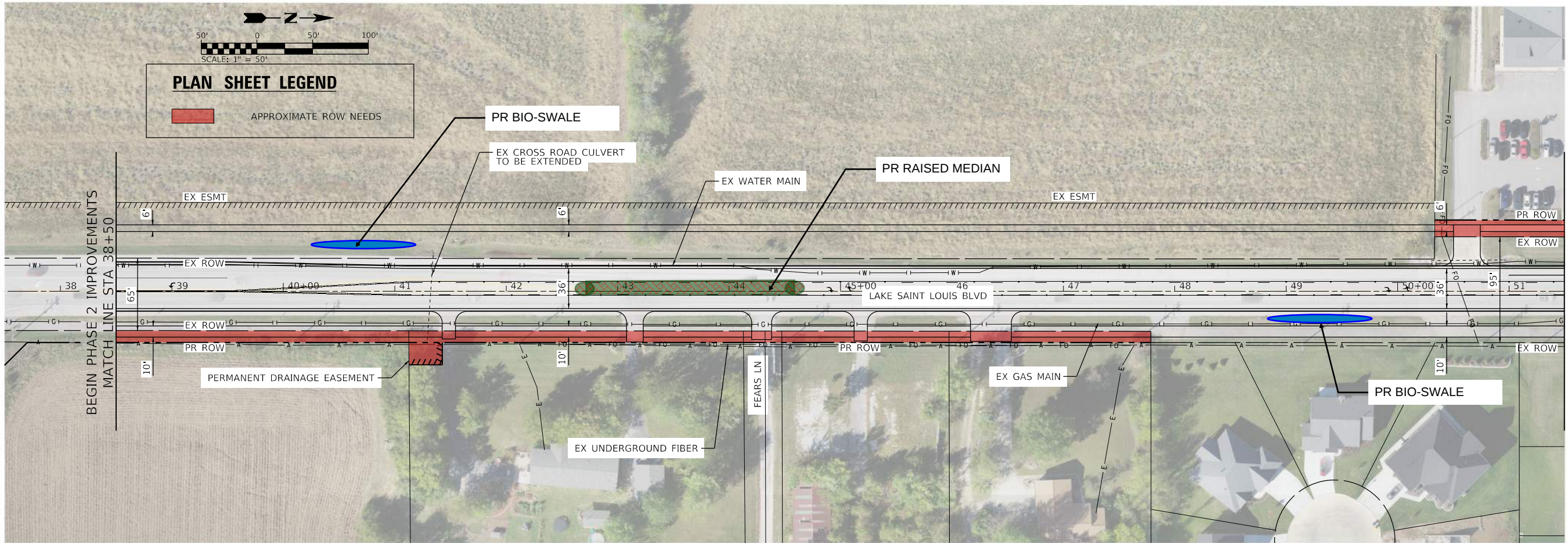
Item	Quantity	Unit	Unit Price	Amount
				\$0.00
SUBTOTAL				\$0.00

Miscellaneous Other Items	
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Item	Quantity	Unit	Unit Price	Amount
Utility Relocation	1	LS	\$150,000.00	\$150,000.00
			SUBTOTAL	\$150,000.00

Construction Cost Total	\$2,052,160.00
Contingency (15%)	\$308,000.00
Inflation (6%)	\$619,487.62
Preliminary Engineering	\$250,000.00
Right-of-Way	\$75,000.00
Construction Engineering/Inspection	
Project Total *	\$3,304,647.62

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PRELIMINARY

DATE PREPARED XX/XX/XXXX	
STATE MO	DISTRICT SL
STP NO. XXXXXXXXXX	
MSD BASE MAP XXXXXXXXXX	
COUNTY ST. CHARLES	
PROJECT NAME XX	
SHEET NO. XX	TOTAL XX
FROM STA XXX+XX	TO STA XXX+XX
DESCRIPTION	
DATE	

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St. Louis, MO 63101
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PHASE 2 CONCEPT PLAN SHEET
SHEET 1 OF 1