

City of Lake Saint Louis  
Department of Public Works



307 Parkway Industrial Drive  
Lake Saint Louis, Mo. 63367

Date: May 31, 2021

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](http://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, 06/24/2021 delivered to:

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

ATTN: Derek Koestel P.E., Director of Public Works

Please note: The outside of the envelope should be clearly labeled "Proposal No. 07-21 Uptown Sidewalk 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,

Derek Koestel P.E.  
Director of Public Works

<b>City of Lake Saint Louis: Uptown Sidewalk Project</b>	
Federal Aid No:	TAP 5418(622)
Location:	Lake Saint Louis Blvd (100 Ft South of Veterans Memorial Drive to the abutment of the bridge at the Spillway of Lake Saint Louis).
Proposed Improvement:	Replacement of curb and gutter, storm sewer modifications, new ADA compliant sidewalk facilities with two rapid flash beacon crossings, lighting improvements, concrete pavers between the street and sidewalk, tree wells, and bio retention. See attached STP application.
Length:	.25 Miles
Approximate Construction Cost:	\$920,000
DBE Goal Determination:	14 %
Consultant Services Required:	<p>Major Project scope items include:</p> <ul style="list-style-type: none"> <li>• Replace Curb and Gutter</li> <li>• ADA Improvements</li> <li>• Rectangular Rapid Flash Beacons</li> <li>• Concrete pavers</li> <li>• Lighting</li> <li>• Bio-retention and tree wells</li> <li>• Sidewalk/Pedestrian Improvements</li> <li>• Utility relocations, if required.</li> </ul> <p>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&amp;E and final documents.</p> <ul style="list-style-type: none"> <li>• Preparation and submittal of all necessary environmental/historic preservation documents for</li> </ul>

	<p>clearance as necessary</p> <ul style="list-style-type: none"><li>• Preparation of all permitting required</li><li>• Conduct topographic and ROW surveys at the project intersections and prepare electronic deliverables</li><li>• Review application and recommend changes to the project as necessary to conform to applicable standards.</li><li>• 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</li><li>• Prepare ROW plans (70%) and associated legal documents for the City to obtain required easements and ROW needed for the project</li><li>• Prepare all ROW and easement exhibits, legal descriptions, and all other work associated to acquisition, including obtaining title commitments.</li><li>• Prepare draft final plans (95%) and contract documents for bidding. Submit draft final plans and contract documents.</li><li>• Provide final construction plans (incl. comprehensive traffic control plans) and contract documents for bidding</li><li>• Prepare and submit all required documentation for Plans Specs and Estimates (PS&amp;E) approval from MoDOT.</li><li>• Provide exhibits, material, and staff at open house style public meetings (1 public and 1 property owner)</li><li>• Facilitate utility coordination by</li></ul>
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	<p>sending plans to utility companies</p> <ul style="list-style-type: none"> <li>• Provide shop drawing review and clarification of plans during the construction phase services</li> <li>• Attend coordination meetings as required.</li> <li>• Attend two (2) on -site visits during construction during critical portions of work, to ensure compliance.</li> </ul>
Other Comments:	Submit 4 copies of RFQ Approved project application is attached.
Contact:	Name: Derek Koestel, P.E. Address: 307 Parkway Industrial Drive Lake Saint Louis, MO 63367 Phone: 636.695.4221 Email: <a href="mailto:dkoestel@lakesaintlouis.com">dkoestel@lakesaintlouis.com</a>
Deadline:	June 24, 2021 at 12:00 PM
<ul style="list-style-type: none"> <li>• 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. One copy of all submittals should be unbound.</li> </ul>	

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.

# Transportation Alternatives Program

2020 Call for Projects

For the St. Louis Region

**Bicycle and Pedestrian Facilities**

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Sponsoring Agency:

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Project Title:

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Federal Amount Requested:

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**Applications Due: Thursday, August 20, 2020 by 4:00 PM**



**EAST-WEST GATEWAY**  
Council of Governments

Creating Solutions Across Jurisdictional Boundaries

**TRANSPORTATION ALTERNATIVES PROGRAM**  
**BICYCLE AND PEDESTRIAN FACILITIES – PROJECT APPLICATION FORM**

Please refer to the TAP Project Development Workbook for more information on the program requirements, scoring criteria, and available funding. The Project Development Workbook is available on the East-West Gateway Council of Governments (EWG) [TAP Call for Projects](#) web page.

This project application form is for the bicycle and pedestrian facilities, including Safe Routes to School (SRTS) infrastructure. There are separate project application forms for the SRTS non-infrastructure activities, and for the community improvement and environmental mitigation activities. If your agency is interested in applying for those activities, please obtain the application form from the EWG website, or contact EWG staff for more information.

Viewing and utilizing the application form will require the installation of Adobe Reader. A free download of the software can be obtained here: <http://get.adobe.com/reader/>. **Please save the application to your computer before filling out the necessary information.** Rename the PDF file using the following format: 2020TAP\_[Sponsor]\_[Project Name].pdf. You may attach additional pages to the application if necessary to address questions in the application.

The call for projects begins **June 4, 2020** and ends on **August 20, 2020 at 4:00 p.m.** Applications received after the deadline will not be accepted. Submit the completed application and necessary attachments electronically to [TAP@ewgateway.org](mailto:TAP@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.

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

East-West Gateway Council of Governments  
Attention: Transportation Planning Department – TAP  
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 **July 9, 2020** to [TAP@ewgateway.org](mailto:TAP@ewgateway.org). EWG staff will review the applications submitted and will return comments by email by **July 23, 2020**. If a preliminary application is submitted for feedback, a final application must still be submitted by **August 20, 2020**.

**CONTACT INFORMATION**

Melissa Theiss, Bicycle, Pedestrian, and Accessibility Transportation Planner  
East-West Gateway Council of Governments  
One Memorial Drive, Suite 1600  
St. Louis, MO 63102-2451  
Phone MO: (314) 421-4220  
Phone IL: (618) 274-2750  
E-mail: [TAP@ewgateway.org](mailto:TAP@ewgateway.org)



## PROJECT CHECKLIST

The evaluation and scoring of all projects will be based on the answers provided in the application and the attachments submitted.

**The materials should be submitted in the following order.**

### Project Application: *(required)*

- Project application fee** – ½ of one percent of federal funds requested. Make checks payable to “East-West Gateway Council of Governments” or “EWGCOG.”
- Completed TAP application**
- Required signatures** – Notification of Title VI Requirements, Financial Certification of Matching Funds, Person of Responsible Charge Certification, Right-of-Way Acquisition Certification Statement, Policy on Reasonable Progress Certification – Missouri Sponsors Only, Certification of Funding Availability – Illinois Sponsors Only

### Attachment A: *(required)*

- 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:
  - score for Environmental Justice
  - score for Population and Employment Index
- 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/facility.
- Letter of support from match source** – provide if individual, business, other local public agency, or other third-party is providing matching funds.
- Coordination letter(s)** – provide if sponsor requires coordination with other agencies to implement the project (e.g., Great Rivers Greenway, Madison County Transit District, Bi-State Development, St. Clair County Transit District, or another jurisdiction).

### Attachment B: *(not required, but used for project evaluation)*

- Photographs** – attach photo(s) of the current roadway or bicycle/pedestrian facility.
- Detailed map (existing)** – provide a map showing:
  - bus stops/stations in relationship to project
  - community resources located within ½ mile of project limits (e.g., park, full service grocery, civic building, library, health care, recreation center)
  - cultural destinations located within ½ mile project (e.g., tourism destinations, heritage/historic sites, natural areas)
  - schools (grades K-12 and college/university) located within ½ mile of project limits
  - existing bicycle and/or pedestrian facilities within ½ mile of project limits
- Detailed map (proposed)** – provide a map showing:
  - location of proposed improvements (e.g., RRFB/PHB, crosswalk visibility enhancements, medians and pedestrian crossing islands, new sidewalk/shared-use path)
- Typical section** – show details of before and after improvements.
- Crash reports** – provide bicycle and pedestrian crash reports along the project limits. Use crash reports from 2014-2019. Redact any personal information (e.g., names, addresses).
- Documentation of an approved or adopted plan, ordinance, and/or policy that supports the project** – do not attach entire plan documents, only include the necessary pages.

Attachment C: (not required)

- Letters of support** – endorsements or petitions from associations, boards, school districts, residents, 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 D: (required)

- Operations and maintenance** – use Operations and Maintenance Form provided by EWG. Only submit one per sponsor.

SUBMITTAL TYPE (CHECK ONE):

- Preliminary application (for comments) – Due **July 9, 2020**
- Final application – Due **August 20, 2020**

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:				Is this application request for a piece of a larger project (phase) or the entire length of project?					
<input type="checkbox"/> New project		<input type="checkbox"/> Continuation of STP-S/CMAQ/TAP project		<input type="checkbox"/> Phase		<input type="checkbox"/> Full project			
<input type="checkbox"/> Add to existing non-federally funded 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 along the project corridor within the last 10 years?									
<input type="checkbox"/> Yes <input type="checkbox"/> No									
If yes, when?									
Does this project touch MoDOT or IDOT right-of-way?									
<input type="checkbox"/> Yes <input type="checkbox"/> 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?									
<input type="checkbox"/> Yes <input type="checkbox"/> 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			
Note: provide the following information for the road adjoining to the bike/ped facility.			
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) <sup>1</sup> :			
	CURRENT:		PROPOSED:
Traffic volumes (AADT):		Year:	
Average daily use volume:			Year:
Speed limit of street:			
Number of through lanes (both directions):			
Number of turn lanes:			
Typical lane width:			
Outside lane width:			
Shoulder width:			
On-street parking allowed?	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No
Curb and gutter?	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No
Sidewalks?	<input type="checkbox"/> One side <input type="checkbox"/> Both sides <input type="checkbox"/> None		<input type="checkbox"/> One side <input type="checkbox"/> Both sides <input type="checkbox"/> None
Sidewalk width:			
Existing sidewalk surface condition <sup>2</sup> :	<input type="checkbox"/> Poor <input type="checkbox"/> Fair <input type="checkbox"/> Good <input type="checkbox"/> Excellent <input type="checkbox"/> None		n/a
Sidewalk/roadway separation width:			
On-road bicycle facility <sup>3</sup> ?	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No
On-road bicycle facility width:			
Shared-use path/sidepath?	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No
Shared-use path/sidepath width:			

<sup>1</sup> EWG Functional Classification maps: <http://www.ewgateway.org/FuncClass>.

<sup>2</sup> **Poor**: the sidewalk has deep cracking and buckling, poor drainage, or a bulging surface (due to tree roots). 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.

<sup>3</sup> On-road bicycle facility includes: bike lanes (separated, buffered, and standard). Shared-lane markings (sharrows) and share the road signage are not bicycle facilities. View EWG Bicycle Planning Guide for a description of bicycle facilities: [https://www.ewgateway.org/wp-content/uploads/2018/07/BicyclePlanningGuide\\_June2018.pdf](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? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Is there a railroad within 500' of project limits? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Name of railroad:	
Number of crossings impacted:	
Are the crossings active?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Width of crossing:	
What is the crossing type? <input type="checkbox"/> Timber <input type="checkbox"/> Rubberized <input type="checkbox"/> Asphalt <input type="checkbox"/> Concrete <input type="checkbox"/> 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 <sup>4</sup> .	
Does your local public agency have more than 50 employees? <input type="checkbox"/> Yes <input type="checkbox"/> No	
If yes, does your agency have an adopted ADA transition plan? <input type="checkbox"/> Yes <input type="checkbox"/> 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?	

<sup>4</sup> FHWA Questions and Answers about ADA/Section 504: [https://www.fhwa.dot.gov/civilrights/programs/ada/ada\\_sect504qa.cfm](https://www.fhwa.dot.gov/civilrights/programs/ada/ada_sect504qa.cfm).

PLANNING/COMMUNITY SUPPORT

Is the project identified in an approved plan, policy, or ordinance?

Yes  No

Name and adoption date of plan, policy, or ordinance:

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

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. If the project can be broken down into constructible segments, please provide information on each segment.

**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	04/2021	04/2021	1
Execute agreement (project sponsor and DOT)			
<b>Engineering services contract submitted and approved*</b>			
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			
<b>Submit and receive approval for notice to proceed for right-of-way acquisition (A-Date)*</b>			
Right-of-way acquisition			
Utility coordination			
Develop and submit PS&E			
<b>District approval of PS&amp;E/advertise for bids*</b>			
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% of the total cost. For projects in Illinois, a local match is required to pay for at least 50% for right-of-way acquisition.*

Activity <sup>5</sup>	Starting Federal Fiscal Year <sup>6</sup>	Total Phase Cost	TAP Funds Requested	Sponsor Share	Sponsor Share Percentage
PE / Planning / Environmental Studies	FY				
Right-of-Way	FY				
Construction Engineering	FY				
Construction / Implementation	FY				
<b>TOTAL PROJECT COST</b>					

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:

<sup>5</sup> Preliminary engineering funds are available in FY 2022, right-of-way in FY 2022 or FY 2023, and construction/construction engineering in FY 2022, FY 2023, or FY 2024.

<sup>6</sup> Fiscal years are federal fiscal years (October 1 through September 30).



**SAFETY**

Does the project address a location with a history of crashes involving pedestrians and/or bicyclists along the project limits from 2014-2019?

Yes  No

*If yes, provide the summary for each crash involving a pedestrian or bicyclist in the table below using crash data from 2014-2019. Provide the crash reports in Attachment B.*

Date	Time of Day	Location (i.e., street name, cross street, intersection)	Collision Type (i.e., bicyclist or pedestrian)	Severity (i.e., fatal, serious injury, minor injury)

Are there any undocumented safety issues?

Yes  No

Describe the documented or undocumented safety issue:

Describe the countermeasure(s) and explain how specific features of the proposed project will improve safety for pedestrians, bicyclists, and/or motorists (documented and/or undocumented issues):

MULTIMODAL

Describe the existing conditions of the bicycle/pedestrian environment where the proposed facility will be constructed:

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”)
- Wayfinding, bicycle racks or parking, or other 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:

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

- 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)
- High-visibility crosswalks (e.g., ladder, zebra, or continental crosswalk markings)
- Enhanced signing and marking
- Raised crosswalks
- Midblock crossings
- Pedestrian refuge islands
- Curb extension or bulb-outs
- Bicycle boxes
- Colored pavement crossings for bicycle 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 in detail (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 bus 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:

Is the project within ½ mile of a school?  
 Yes  No

If yes, identify the school(s):

School Name	Proximity to Project	
	<input type="checkbox"/> Within ¼ mile	<input type="checkbox"/> Within ½ mile
	<input type="checkbox"/> Within ¼ mile	<input type="checkbox"/> Within ½ mile
	<input type="checkbox"/> Within ¼ mile	<input type="checkbox"/> Within ½ mile
	<input type="checkbox"/> Within ¼ mile	<input type="checkbox"/> Within ½ mile

Does the project provide direct access (i.e., adjacent) to a community resource (e.g., park, full service grocery, civic building, library, health care, recreation center)?  
 Yes  No

Is the project within ½ mile of a community resource?  
 Yes  No

Identify all community resources (planned or existing) that the project serves:

Does the project provide direct access to a cultural destination (e.g., "main street," tourism destinations, heritage/historic sites, natural areas)?  
 Yes  No

Is the project within ½ mile of a cultural destination?  
 Yes  No

If yes, identify the cultural destinations that the project serves:

Does the project provide a connection that reduces a barrier to use and functionality?

Yes  No

If yes, identify and describe the barrier (e.g., river, stream, railroad corridor, freeway, multi-lane highway). Also, identify the magnitude of the barrier (e.g., number of lanes, average daily traffic, posted speed, etc.):

Describe in detail how the project links to the existing pedestrian/bicycle network. Explain how pedestrians, bicyclists, and/or transit users would use this network to connect to key destinations, both within and adjacent to the project limits (no more than ½ mile). If the project does not directly touch an existing pedestrian/bicycle facility, explain why this segment is a priority for pedestrian/bicycle travel:

If applicable, give details about any topographical and/or physical constraints within or adjacent to the project limits:

#### ENVIRONMENT

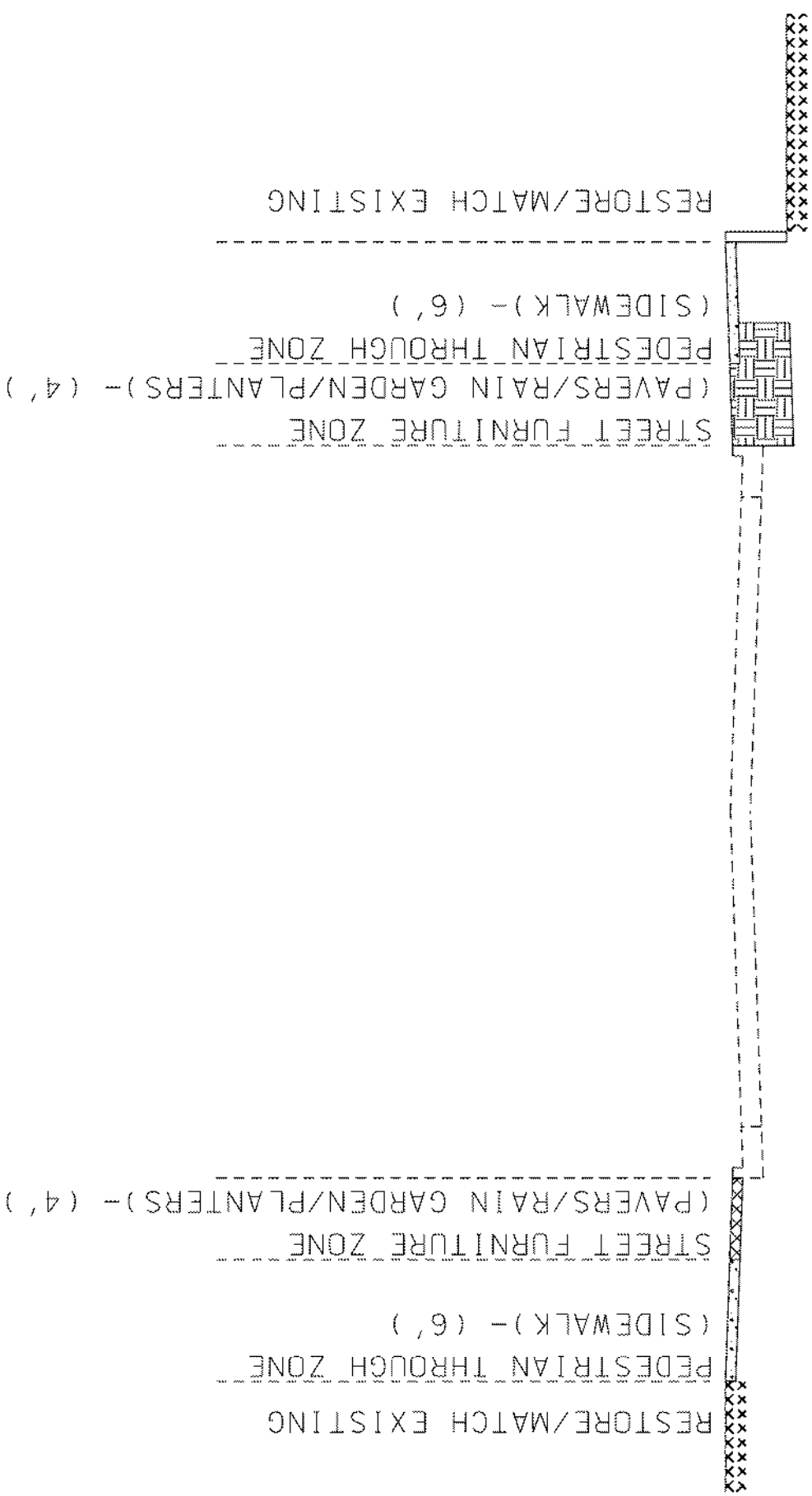
Does the project incorporate any of the following green infrastructure improvements?

- Bioswales
- Rain gardens
- Pervious pavements
- Planter boxes
- Green bulb-outs
- Other
- None

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

**Project Location Map**





# TYPICAL SECTION

# STRIP MAP

