WisDOT 2011-2014 STP-Urban Program Application

Project Description

Project Sponsor: **City of Portage**

Project Location:

Municipality: **City of Portage** County: **Columbia**

On Route - Local Road or Street Name: **East Haertel Street**

At Route - Beginning Point: **East Albert Street**

Toward Route - Ending Point: **West Haertel Street**

Offsets only required if the project does not begin or end at an intersection.

At Offset (+): Toward Offset (+):

NOTE: Refer to the following link for information on the On/At method of describing the location of a project: http://www.dot.wisconsin.gov/localgov/docs/lrip-onatmanual.pdf

NOTE: Attach an 8 ½ x 11 map showing the project location. A WISLR map is REQUIRED (refer to the following link: http://www.dot.wisconsin.gov/localgov/wislr/).

Length of Project: **2,000 feet**

Current Average Daily Traffic (ADT): **3,200 - (2008)** Posted or Statutory Speed Limit: **25 mph**

Functional Classification (refer to instructions): **Minor Arterial**

NOTE: Roadway must be functionally classified as a Collector or higher to be eligible for funding.

Additional comments on Project Description section: **East Haertel Street receives a lot of semi-truck traffic**

Existing Facility

Number of Lanes: **2** Lane Width: **12 feet** Cross Section: ☒ Rural ☐ Urban

Pavement Type: **Asphalt** If Combination, explain: Pavement Width: **24 feet**

Pavement Rating: **5** Pavement Condition: **poor** Year Last Surfaced: **1992**

Shoulder Type: **Gravel** Shoulder Width: **1 foot**

Existing Sidewalk? ☐ Yes ☒ No

Are sidewalks designated as part of a regional or local bicycle or pedestrian system? ☒ Yes ☐ No

☒ Lighting: **Spot** Lighting Style: **Standard**

Existing Bicycle/Pedestrian Accommodations? ☐ Yes ☒ No

Are bicycle/pedestrian accommodations designated as part of a regional or local bicycle or pedestrian system?

☒ Yes ☐ No

Sub-Standard Alignment? Horizontal: ☒ Yes ☐ No

Vertical: ☒ Yes ☐ No

Any federal aid eligible structures within the existing facility? ☐ Yes ☒ No

Railroad: **None**

If a railroad crossing exists, have other federal funding sources been explored? ☐ Yes ☐ No

Known Safety Issues? ☒ Yes ☐ No If yes, consider applying for Highway Safety Improvement Program (HSIP) funds.

Additional comments on Existing Facility section: **vertical alignment is severe due to differential settlement of unstable soils. Safety is a concern for pedestrians and bicyclists**

Project Justification

Explain why the project is needed including the scope and appropriate detail on the project's uniqueness and complexity. Include any 100% locally funded components of the project that are part of the overall project. (Refer to this section of the instructions for additional information.) **high traffic volumes create unsafe conditions for pedestrians and motorists. Separate from the project, the city has acquired the needed right of way and will contract with Alliant for installation of light poles and will contract with Columbia County for striping the centerline. City staff will provide the needed signing for the project.**

Proposed Improvement

NOTE: Applicants should refer to the traffic data and design standards information in the instructions prior to completing this section of the application.

Improvement Type: **Reconstruction** If Combination, explain: Overall Length: **2,000 feet**

☐ Rural Cross Section Length:

☒ Urban Cross Section Length: **2,000 feet**

Will the project add lanes? ☒ Yes ☐ No If yes, describe which part(s) of the project will receive additional lanes: **entire length**

Grading: ☐ Minimal ☒ Moderate ☐ Extensive

New Pavement Type: **Hot Mix Asphalt** Width: **36 feet** Length: **2,000 feet**

New Shoulder Type: **Concrete** Width: **2 feet** Length: **4,000 feet**

☒ Sidewalk Width: **5 feet** Length: **2,000 feet**

☒ Curb and Gutter Length: **4,000 feet**

☒ ADA compliant curb ramps with detectable field warnings

☐ Signals ☐ Roundabout **NOTE: Refer to FDM 11-25-003 for intersection control evaluation information (http://roadwaystandards.dot.wi.gov/standards/fdm/11-25-003.pdf).**

☒ Lighting: **Spot** Lighting Style: **Standard**

☒ Bicycle/Pedestrian Accommodations

☐ Beam Guard

☒ Permanent and Temporary Pavement Marking

☒ Permanent and Temporary Signing

☒ Storm Sewer:

☒ Lateral Storm Sewer Lines Estimated Total Length: **400 feet** Estimated Diameter(s): **12"-24"**

☐ Trunk Storm Sewer Lines Estimated Total Length: Estimated Diameter(s):

☒ Structure Structure Type: **Culvert Pipes** Work Required: **Replacement**

Structure #'s: Sizes and Descriptions: **36"**

Other Work:

Additional comments on Proposed Improvement section: **over excavation of unstable soils. City had geotechnical report prepared.**

Environmental/Cultural Issues

Agricultural	☐ Yes	☒ No	☐ Unknown	Comment:
Archeological sites	☐ Yes	☒ No	☐ Unknown	Comment:
Historical sites	☐ Yes	☒ No	☐ Unknown	Comment:
Lakes, waterways, floodplains	☐ Yes	☐ No	☒ Unknown	Comment: **Mud Lake nearby**
Wetland	☐ Yes	☐ No	☒ Unknown	Comment: **Wetlands nearby**
Stormwater management	☒ Yes	☐ No	☐ Unknown	Comment:
Hazardous materials sites	☐ Yes	☐ No	☒ Unknown	Comment:
Hazardous materials on existing structure	☐ Yes	☐ No	☒ Unknown	Comment:
Upland habitat	☐ Yes	☒ No	☐ Unknown	Comment:
Endangered/threatened/migratory species	☐ Yes	☐ No	☒ Unknown	Comment:
Section 4(f)	☐ Yes	☒ No	☐ Unknown	Comment:
Section 6(f)	☐ Yes	☒ No	☐ Unknown	Comment:
Through/adjacent to tribal land	☐ Yes	☒ No	☐ Unknown	Comment:

Additional comments on Environmental/Cultural Issues section: **Project will be constructed over existing corridor**

Miscellaneous Issues

Construction Restrictions (trout, migratory bird, local events): **none**

Local Force Account (LFA): Is LFA work expected to be requested on this project?

☐ Yes ☒ No If yes, explain the desired LFA portion of project.

NOTE: LFA work must include labor, equipment, and materials. The purchase of materials only is not considered to be a legitimate project.

Right-of-Way: **NOTE: It is recommended that local funds be used to acquire right-of-way.**

Check all that are applicable.

☐ None ☐ Less than ½ Acre ☐ More than ½ Acre

☐ Parklands ☐ Large Parcels ☐ Strips ☐ Temporary Interests

Traffic During Construction: **Closed/Detour**

Ineligible Project Items: Describe any ineligible items that will be part of the overall project. **none**

Other Concept Notes: Provide any additional relevant project information that has not been covered in another section of the worksheet. **East Haertel Street is a primary detour route for many civic parades and activities**

Additional comments on Miscellaneous Issues section:

Project Priority, Scheduling, and Estimated Costs

Applicants should reference the following WisDOT Web page prior to completing this section of the application: http://www.dot.wisconsin.gov/localgov/highways/tools.htm

NOTE: Requesting Design and Construction projects in the same fiscal year is not allowed.

☒ **Design:**

Project Priority: 1

☒ FY 2011 ☐ FY 2012 ☐ FY 2013 ☐ FY 2014

Plan Development ☐ Local Staff ☒ Consultant - Cost (15 - 20% of Construction Cost) $ 90,000

State Review Cost (see instructions) $ 45,000

Total Design Cost (Round to next $1000) **$ 135,000**

☒ **Construction:**

Project Priority: 1

☐ FY 2011 ☒ FY 2012 ☐ FY 2013 ☐ FY 2014

Roadway:

Federal Participating Construction Cost (80% Federal/20% Local) $ 500,000

Non-Participating Construction Cost (100% Local) $ 0

Delivery Cost (see instructions) $ 75,000

Structure(s) (if applicable):

Federal Participating Construction Cost (80% Federal/20% Local) $ 100,000

Non-Participating Construction Cost (100% Local) $ 0

Delivery Cost (see instructions) $ 15,000

Total Construction Cost (Round to next $1000) **$ 690,000**

☐ **Real Estate:** (Recommend funding with local funds).

Project Priority:

☐ FY 2011 ☐ FY 2012 ☐ FY 2013 ☐ FY 2014

Total Real Estate Cost (Round to next $1000) **$**

☐ **Utility:** (Compensable utility costs must be $50,000 minimum per utility. Recommend funding with local funds.)

Project Priority:

☐ FY 2011 ☐ FY 2012 ☐ FY 2013 ☐ FY 2014

Total Utility Cost (Round to next $1000) **$**

NOTE: WisDOT Utility Policy link: http://roadwaystandards.dot.wi.gov/standards/util/chapter17.pdf

☐ **Railroad:** (see instructions) **$**

Additional comments on Project Priority, Scheduling, and Estimated Costs section: **Project was applied for previously, but without success. The only way the city can afford the project is with the assistance of the STP - urban program**

Contact Information and Signature

Agency: **City of Portage, Wisconsin**	
Contact Person: **Robert G. Redelings, P.E.** or designee.	Head of Government
Title: **City Engineer**	
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