

Wisconsin Department of Transportation (WisDOT)
Statewide Multi-Modal Improvement Program (SMIP)
FYs 2009-2011 PROJECT APPLICATION FORM FOR:

Local Transportation Enhancements (TE) Program
Bicycle and Pedestrian Facilities Program (BFPF)

(This form is available from WisDOT in a rich text format (rtf) that you can fill in electronically. If desired in this format, please contact us by e-mail and we can return to you as an e-mail attachment)

1. Project Name: Menomonee Valley Conservation Project - Observation Deck

2. Project Location: Municipality: City of Milwaukee County: Milwaukee
Street Address of Project (if applicable): - _____
Describe location and boundaries of the project: The project site is located below the Wisconsin Avenue Viaduct in the City of Milwaukee and bounded by the Menomonee River, the CP Rail Glendale line, and W. Bluemound Rd.

3. Name of the MPO the project is represented by: Southeastern Wisconsin RPC (SEWRPC)
NOTE: A Wisconsin map with areas covered by MPOs is located on page 13 of the Guidelines section.

4. Name and Location of Public Sponsor: City of Milwaukee DPW
Indicate Sponsor Type: State County City Village Town Indian Nation

5. If public sponsor is submitting more than one application, prioritize this project here: (e.g., 1 of 5):
 of . This is required for projects in urbanized areas with MPOs, recommended for others.

6. Primary Contact Person of Public Sponsor Agency:

Name: <u>Jeffrey Polenske</u>	Title: <u>City Engineer</u>
Address: <u>841 N. Broadway, Room 701</u>	Phone: <u>(414) 286-2400</u>
Municipality: <u>Milwaukee</u>	State: <u>WI</u> Zip: <u>53202</u>
FAX: <u>(414) 286-5994</u>	E-mail: <u>jeffrey.polenske@milwaukee.gov</u>

Secondary Contact of Non-Profit or Other Agency Submitting Application through Public Sponsor:

Name: <u>Mike Loughran</u>	Title: <u>Chief Planning Engineer</u>
Address: <u>841 N. Broadway, Room 918</u>	Phone: <u>(414) 286-2451</u>
Municipality: <u>Milwaukee</u>	State: <u>WI</u> Zip: <u>53202</u>

7. Check the appropriate box below and complete the following information. (See Guidelines for detailed information) All TE projects must fit into one of the 12 categories AND relate to surface transportation:

Transportation Enhancements (TE) Program

Indicate which ONE of these twelve categories best identifies your project:

- Provision of facilities for pedestrians/bicycles
Provision of safety and educational activities for pedestrians & bicyclists
Preservation of abandoned railway corridors (including the conversion and use thereof for pedestrian or bicycle trails)
* Historic Preservation
* Rehabilitation/operation of historic transportation buildings (including historic railroad facilities and canals)
Establishment of transportation museums
Acquisition of scenic easements and scenic or historic sites
Scenic or historic highway programs (including the provision of tourist and welcome center facilities)
Landscaping and other scenic beautification
Control and removal of outdoor advertising
Environmental mitigation of water pollution due to highway runoff or reduce vehicle caused wildlife mortality while maintaining habitat connectivity
Archeological planning and research

*Historic Projects must be on or deemed eligible for the Wisconsin or National Register(s) of Historic Places, or officially designated as a local landmark.

Bicycle and Pedestrian Facilities Program (BFPF) Bicycle and pedestrian projects eligible under the TE program will also be eligible for BFPF with some exceptions. Pedestrian-only projects such as sidewalks and ped-only bridges as well as streetscaping are excluded, even if they include some bike/ped elements. Bicycle and pedestrian planning projects are eligible. No Local Force Account (LFA) work is allowed. State agencies are eligible for TE but not BFPF.

8. In 100 words or less, describe the project (See Question 12 for detailed description instructions.)

In 2000, the City of Milwaukee completed a project known as the Menomonee Valley Conservation Project on a 3 acre site located below the Wisconsin Avenue Viaduct. This project consisted of a manmade wetland, native prairie plantings in upland areas, a butterfly garden, pedestrian trails, site access improvements, and parking facilities. The primary purpose of the project is to demonstrate the environmental benefits of wetland ecosystems by using natural processes to clean stormwater runoff from the Wisconsin Avenue Viaduct and Bluemound Road before being discharged into the Menomonee River. This project was funded with 50% DNR and 50% local funds. Original plans called for construction of an observation deck with viewing window and a boardwalk within the wetland along with two decks along the perimeter of the wetland to enhance educational opportunities. However, available funding was not sufficient to install the deck and boardwalk component. Approval of TE funding would allow construction of the observation deck and boardwalk system as originally intended.

9. **PROJECT COSTS:** An accurate cost estimate is critical because the sponsor will be responsible for any costs that exceed the project award amount. List the broad categories of expenses in the following table. To ensure the reasonableness of estimates a more detailed budget should be included in your answer to Question 12, particularly for projects with many Construction components such as streetscaping and landscaping projects. **Construction related projects must be \$200,000 total and over, including any Design related costs.** Because of the significant federal requirements that must be met when FHWA funds are used to purchase Real Estate and delays that can result, **Real Estate costs are eligible only for costs of \$100,000 total or more.** Purchase of materials should be listed under Construction as the costs can only be reimbursed after the materials are installed. **All other projects must be \$25,000 federal share and over.** This applies to all non-construction projects including Preliminary Engineering work such as developing project specific design work, environmental documents and Plans, Specifications and Estimates (PS&Es). Please note that you should submit a separate application and budget for each project or stand-alone project segment you are willing to accept funding for, e.g., Preliminary Engineering (P.E.) or a bike trail section that could function as a separate facility. We will not split or partially fund project requests. Note that due to previous year project commitments, major new funds are only available in state Fiscal Year 2010. It is possible that Regions may be able to meet requests for Design work in early 2009 for cases where Design work is needed prior to letting a project for Construction by July of 2009. This will depend on the status of projects already scheduled and the number and size of requests received.

	FY 2009 (Begins 7/1/08)	FY 2010 (Begins 7/1/09)	FY 2011 (Begins 7/1/10)	TOTALS Must = sum of FYs 2009-11
Preliminary Engineering/Design	\$10000	\$	\$	\$10000
Real Estate (\$100,000 min. total)	Not available	\$	\$	\$0
Railroad Crossings	Not available	\$	\$	\$0
Construction	Not available	\$190000	\$	\$190000
TOTAL	\$10000	\$190000	\$	\$200000
Public Sponsor: Funds (min.20%):	\$ 2000	\$38000	\$	\$40000
Federal Funds (max. 80%):	\$ 8000	\$152000	\$	\$160000
TOTAL	\$10000	\$190000	\$	\$200000

Note: We may be able to schedule lower cost items like Design in FY 2009. Higher cost phases such as Construction will generally need to wait until FY 2010 to 2011 and possibly 2012. The above line item categories include the most common project phases. Starting in 2008, eligible utility relocation related costs will need to be funded 100% locally and can only be funded in cases where each utility is \$50,000 or more which is unlikely for these projects. Also starting in 2008, state Delivery related costs will need to be added. We will contact each successful recipient after project approval with the additional costs that could be 10% or more of the project, depending on size and complexity of review and oversight needed for the project.

10. When will the project begin? (Please indicate month and year for each applicable phase):

P.E./Design 7/2008

Real Estate _____

Railroad Crossings _____

Construction 7/2009

Please note that each project will be reviewed by the WisDOT Disadvantaged Business Enterprise (DBE) office for an assessment of the potential for the project to be assigned a **DBE goal** as a percentage of the award amount. Only WisDOT certified firms may be used to meet DBE goals.

11. Please confirm your understanding of the following project conditions by **initialing** below:

Person initialing and signing the application must have fiscal authority for the public sponsor.

- a. The sponsor must provide matching dollar funding of at least 20% of project costs.
_____ Accepted.
- b. This is a **reimbursement** program. The sponsor must finance the project until federal reimbursement funds are available.
_____ Accepted.
- c. The sponsor must fund project costs in excess of the amounts indicated in Question 9 (i.e., cost overruns) at no expense to state/federal funding sources.
_____ Accepted.
- d. The sponsor must not incur costs for any phase of the project, until that phase has been authorized for federal charges and the Region has notified the sponsor that it can begin incurring costs. Otherwise, the sponsor risks incurring costs that will not be reimbursable. Local Force Account (LFA) work only allowed on TE funded projects.
_____ Accepted.
- e. The sponsor will follow the applicable federal and state regulations required for each phase of the project. Some of these are described in the Guidelines. The requirements include but are not limited to the following: a Qualifications Based Selection process for design and engineering services (Brooks Act); real estate acquisition requirements of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 and amendments; competitive procurement of construction services; Davis-Bacon wage rates on federal highway right-of-way projects; WisDOT FDM & *Bicycle Facilities Handbook*; ADA regarding accessibility for the disabled; MUTCD regarding signage; U.S. Department of the Interior standards for historic buildings, etc. Each Region can provide copies of the current Sponsor's Guide, and references for sections of the Facilities Development Manual (FDM) and other documents necessary to comply with federal and state regulations. Applicants need to become familiar with the requirements in these documents as necessary to complete their projects.
_____ Accepted.
- f. If applying for a bicycle facility, it is understood that All Terrain Vehicles (ATVs) are not allowed. Snowmobile use is only allowable by local ordinance. Trail fees may only be charged on a facility if the fees are used solely to maintain the trail. WisDOT reserves the right to require snow plowing of facilities as part of the maintenance agreement where year round use by bicyclists and pedestrians is expected.
_____ Accepted.
- g. The sponsor agrees to maintain the project for its useful life. Failure to maintain the facility, or sale of the assets improved with FHWA funds prior to the end of its useful life, will subject the sponsor to partial repayment of federal funds or various stipulations protected the public interest in the project for its useful life.
_____ Accepted.
- h. The sponsor agrees to State Delivery and Oversight costs by WisDOT staff and their agents. These costs include review of Design and Construction documents for compliance with federal and state requirements, appropriate Design standards, etc. These costs will vary with the size and complexity of the project. Costs could be a higher percentage of small projects and higher in total but lower on a percentage basis for large projects. We will contact if your project is approved for the amount that needs to be added, which could be 10% or more of your initial estimate. The Sponsor agrees to add these costs that will be 80% federally funded with the balance local.
_____ Accepted.

12. On **NO MORE THAN THREE, 8 1/2" x 11", DOUBLE SPACED, SINGLE-SIDED PAGES (11 point font minimum)**, please answer the following questions regarding the project you are applying for:

a) For **bicycle and/or pedestrian facilities**, clearly indicate the location, length, width and surface materials and any connections to existing or planned facilities. Also answer the following as applicable to your bicycle or pedestrian project:

- Does your community have a bicycle or pedestrian plan?
- Summarize the bicycle and pedestrian projects that you have developed over the past 5 years being sure to include any bicycle and pedestrian projects that have been incorporated into larger street or highway projects (such as paved shoulders and bike lanes). A one-sentence description including the project length is sufficient.
- Summarize any other non-project bicycle and pedestrian efforts put into action by your community (participation in Bike-to-Work Week, bike rack installation, bike safety courses, pedestrian road-shows, police on bikes, etc.).
- Does your community assess adjacent property owners for sidewalk improvements? (Only needs to be answered if you are applying for TE funded sidewalks or other pedestrian improvements.)
- Clearly indicate any plans to charge fees to access your proposed facility, how the fees will be used and whether the trail/path will be snowplowed in winter months.

b) For **historic related projects**, how does the project relate to Wisconsin's past or present surface transportation system? Document that the project is on or eligible for the National and/or State Register of Historic Places or a local landmark designated under a locally adopted landmarks ordinance. If not already on a register, provide documentation from the Wisconsin Historical Society that the project meets eligibility standards for the register. Provide detail on the historic, architectural and other significance of the project. Including a picture with the application is particularly helpful for evaluating historic projects.

c) For **landscaping/streetscaping applications**, clearly detail the types of amenities and improvements that will be part of the project. Indicate how the improvements will promote opportunities for walking and biking. Beware that certain cost items such as parking improvements, street work not related to bike/ped usage, utilities like sanitary sewer and other items not strictly related to the TE project must be excluded. Street light fixtures are expected to be of a decorative, antique-look type.

d) Realistically, how much usage or impact will the proposed facility have on an annual basis? - e.g., how many bicycle or pedestrian users, visitors, viewers, etc., of the facility per year. For bicycle and pedestrian facilities there should be significant non-recreational usage of the trail such as for shopping, work, school trips, etc.

e) Broadly describe other project benefits (not already covered above) related to any of the following -- improvement to Wisconsin's multi-modal transportation system (bicycle, pedestrian or transit); preservation of state historic, environmental and scenic resources; promotion of economic development, tourism, safety, etc.

13. I have read and understood the above statements.

Signed on behalf of

(Name of Sponsor)

By

(Name of Person with Fiscal Authority)

(Signature of Person)

(Title of Person Signing)

(Date)

Please remember to include the required 8 1/2" x 11" black and white map for you project

Completed applications consist of 1 original and 3 copies of pages 1-5 plus attachments. Avoid stapling, at least for original that we will use for copying. Applications must be submitted to the appropriate WisDOT Region office or postmarked with an official Post Office date stamp (private postage meter

stamp will not be acceptable after deadline) *by Friday, April 18, 2008* to be eligible for funding.
-- NO LATE APPLICATIONS WILL BE ACCEPTED --

Wisconsin Department of Transportation Statewide Multi-Modal Improvement Program Transportation Enhancements Program

Menomonee Valley Conservation Project Observation Deck

Additional Information

A primary goal of the Menomonee Valley Conservation Project is to demonstrate the environmental benefits of wetland ecosystems and to provide environmental educational opportunities in an urban setting. This project utilizes the biological processes of wetlands to remove contaminants from stormwater runoff from Bluemound Road and the Wisconsin Avenue Viaduct before discharging directly into the Menomonee River. This project demonstrates the value of wetlands in environmental protection and serves as a model for treating stormwater runoff from roadways.

The earthwork, sewer, paving, wetland and prairie plantings for the project were completed in 2000. The project was funded with 50% Wisconsin DNR Stewardship funds and 50% local funds. Original plans called for construction of an observation deck and boardwalk within the wetland along with two perimeter decks to enhance educational opportunities. However, available funding was not sufficient to install the deck and boardwalk component.

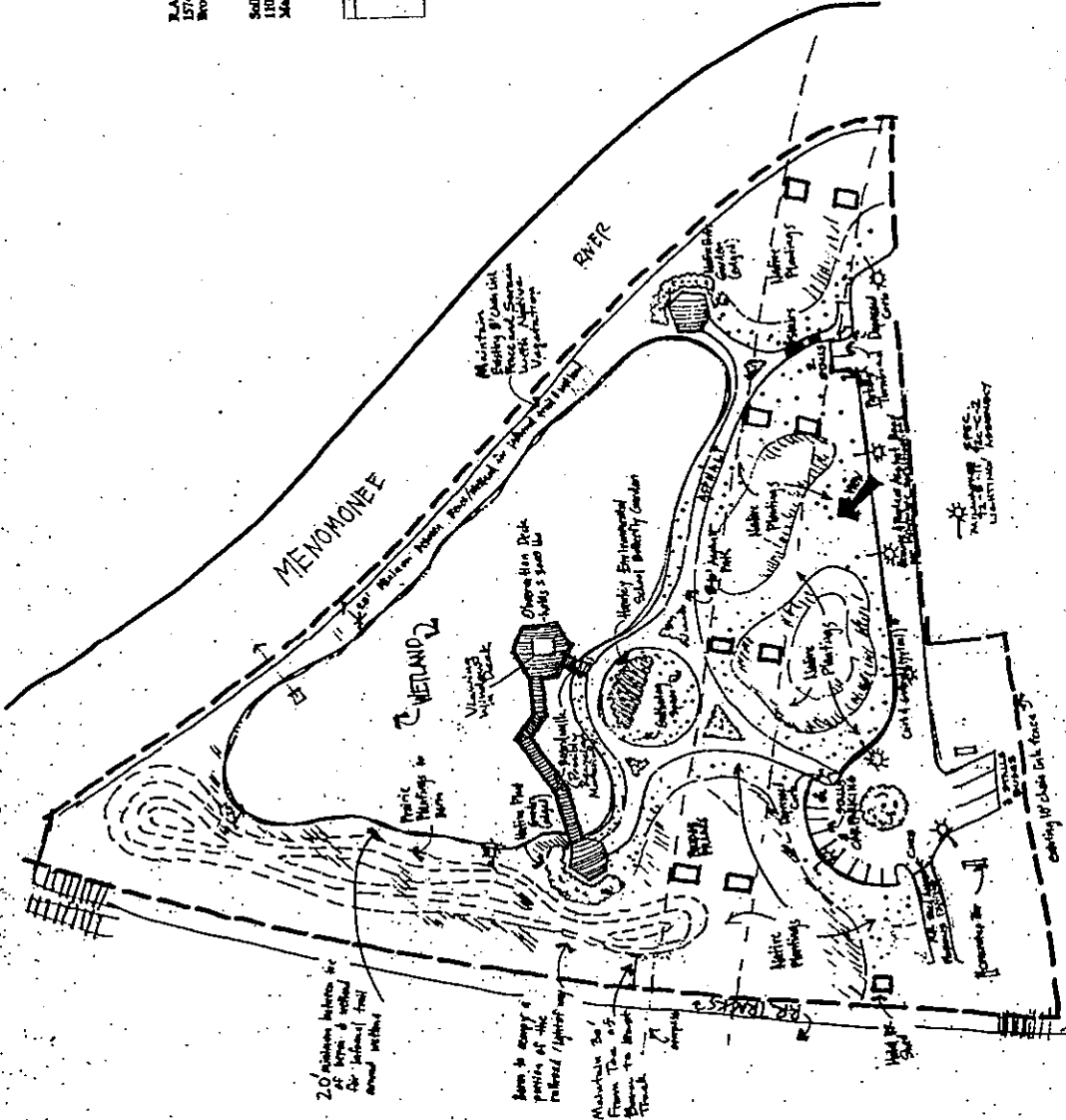
The Transportation Enhancement project includes construction of a 40 ft. by 40 ft. wooden observation deck with a 3 ft. by 3 ft. glass viewing window and sign frame, a 22 ft. by 8 ft. wooden approach, an 142 ft. by 8 ft. wooden boardwalk, a 28 ft. by 19 ft. triangular shaped wooden perimeter deck, and a 40 ft. by 16 ft. wooden perimeter deck. The deck and boardwalk system will be supported by concrete piers or piles. Galvanized connectors will be used and all wooden components will be treated with a preservative and stained. The project will also include educational signage describing the environmental benefits of wetlands.

Visitors to the Menomonee Valley Conservation Project are estimated at approximately 1000 annually.

P.A. Smith & Associates, Inc.
15745 Menomonee Road, Suite 201
Brookfield, WI 53005-9508

Soils and Engineering Services, Inc.
1102 Stewart Avenue
Madison, WI 53713

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97 West Street
Chicago, IL 60604
Phone: (312) 427-6600
Fax: (312) 427-8808



Concept Plan - Menomonee Valley Conservation Project

Hitchcock Design Group

10-27-97 Prepared by Hwy & Associates
Reviewed: Menomonee Conservancy
Approval: Construction, Inc.

10-27-97