

Warner Path Reconstruction and Bridge Replacements

DESCRIPTION

City of Madison is planning a major path project to reconstruct or resurface asphalt paths in Warner Park in 2013, including building two new bicycle / pedestrian bridges. The bridges span small inlets connecting to the lagoon in Warner Park and replace the existing bridges, which are in poor condition. This is a cooperative project of City Engineering and Madison Parks to maintain the Park's path infrastructure for recreation, general enjoyment of the park and special events as well as to enhance the main north-south path to meet current AASHTO standards for bike path safety. All paths will be designed to meet current Americans with Disabilities Act (ADA) standards to the maximum extent practicable.

The overall project consists of reconstruction or resurfacing of most of the existing bicycle and pedestrian paths in Warner Park, located on the north side of Madison. The main north-south path from Troy Drive to Sheridan Drive will be reconstructed from its current 8-foot width to a 10-foot wide path, generally in the location of the current path. This path is part of the City's bicycle commuter network and the proposed width is consistent with the minimum width used throughout the network. The alignment will be modified for two short segments to improve geometry for bicyclists and reduce conflicts with other park users near the shelter. These changes also reduce the overall length of this path.

The main path crosses three small inlets to the lagoon in the Park. The existing bridges over two northerly inlets are small timber structures which are in poor condition requiring frequent maintenance and patching of approaches. These bridges also do not meet current ADA standards. The project would replace these with attractive new bowstring arch bridges which meet current standards.

Several other less-used connecting paths in the park have very deteriorated pavement. The project would resurface these connecting paths at their present width in their current location. Proposed improvements are shown on the [PDF of Project Location Map](#).

Aesthetic treatment of the bridges is an important aspect of this project as they are located near the Community Center and the main shelter, an area of the park visited by many thousands of users throughout the year for recreation and special events. The current concept is a pre-fabricated steel bowstring arch bridge made of weathering steel with concrete deck. Abutments will be cast-in-place concrete with an architectural surface treatment. Cut natural stone "steps" around the abutments will accent the bridges and provide easy access to the water.

The overall project will be designed and let by City of Madison. Construction is timed to avoid the summer months when park usage is heaviest. After construction begins it may preclude some park uses and events during the Monday-Friday work week, but efforts will be made to allow most weekend uses.

LENGTH

The overall project includes approximately 1.5 miles of existing bicycle and pedestrian paths.

The main north-south path from Troy Drive to Sheridan Drive will be reconstructed for a length of about 4,300 feet. Total length of resurfaced paths is approximately 3,670 feet.

SCHEDULE

Contract is scheduled to be advertised for bids on May 10, 2013. Construction is currently scheduled to begin in late-August of 2013 with completion by early-November 2013.

COST

The project will use City of Madison funds, with the main path and bridges paid for under Engineering – Bikeways and the connecting path resurfacing to use Parks funds. Total cost is estimated to be around \$600,000.

STATUS

As of February 14, 2013:

Paths and bridges are being designed and preliminary plans are being prepared.

A public Information Meeting is scheduled for:
Thursday, March 7, 2013 from 6:30 PM to 8:30 PM
Warner Park Community Recreation Center

City Engineering and Parks staff will provide information about the project and seek input on the design. All interested citizens are encouraged to attend.