CTH M Reconstruction

ID 5992-09-81
City of Madison, South Pleasant View Road
(Cross Country Road – Prairie Hill Road)
CTH M
Dane County

Public Information Meeting
Thursday, December 8, 2011
6 p.m. to 8 p.m.
Verona Senior Center
**Purpose of Meeting**

The City of Madison, in partnership with the City of Verona and Dane County, is proposing a project to reconstruct County Highway M (CTH M) from Cross Country Road to Prairie Hill Road. The purpose of today’s meeting is to present preliminary plans and alternatives, answer questions, and listen to your comments, concerns, or suggestions. The meeting is an open house format with a brief presentation.

**Meeting Format**

6:00 – 6:30 p.m. Open House  
6:30 – 7:00 p.m. Presentation, Q&A  
7:00 – 8:00 p.m. Open House

Please review the exhibits around the room. City of Madison, City of Verona, and Dane County representatives, along with staff from MSA Professional Services and SRF Consulting Group are available to answer your questions about the exhibits or project, and gather your comments and feedback. You are also welcome to write down your comments on the attached comment sheet. You can drop the comments off today or send them at a later time. Project team contact information is listed at the end of this handout.

**Project Goals**

- Provide a safe and convenient corridor for all users including pedestrians, bicyclists, and motor vehicles
- Provide acceptable operating conditions for existing and future traffic volumes
- Accommodate planned growth in the area
- Provide well designed intersections that minimize impacts

**Project information**

The focus of today’s meeting is the approximately three mile segment of CTH M between Cross Country Road and Prairie Hill Road (orange and red). These are the final two segments of the entire CTH M project corridor as shown in Figure 1.

The current rural, two lane design of CTH M cannot accommodate the current and growing traffic volumes. The proposed project will include reconstructing CTH M as an urban arterial with curb and gutter and include a raised median, bike lanes, multi-use paths, and sidewalk. See Figure 2 for a typical cross section.

Figure 1 - CTH M Project Map. Today's meeting will focus on the southern segments between Cross Country Road and Valley View Road (orange & red)
The reconstruction will also include reconstruction of the CTH PD and Mid Town Road intersections with CTH M. One of the goals of today’s meeting is to gather feedback regarding the design of these intersections. Alternative designs under consideration include traffic signals, roundabouts, and a split grade intersection. Intersection design alternatives are shown on the exhibits around the room.

**Project schedule**

<table>
<thead>
<tr>
<th>Milestone</th>
<th><strong>CTH PD Segment</strong></th>
<th><strong>Mid Town Road Segment</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Preliminary Design Complete</td>
<td>Summer 2012</td>
<td>Summer 2012</td>
</tr>
<tr>
<td>Final Design Complete</td>
<td>Summer 2013</td>
<td>Summer 2014</td>
</tr>
<tr>
<td>Begin Construction</td>
<td>Spring 2014</td>
<td>Spring 2015</td>
</tr>
</tbody>
</table>

**Contact Information**

**City of Madison**
- Rob Phillips, P.E.
- City Engineer
  - rphillips@cityofmadison.com
  - (608) 266-4751

**City of Verona**
- Ron Rieder
  - Director of Public Works
  - ron.rieder@ci.verona.wi.us
  - (608) 848-6801

**Dane County**
- Pam Dunphy, P.E.
- Assistant Highway Commissioner
  - Dunphy@co.dane.wi.us
  - (608) 266-4036

**MSA Professional Services**
- Jason DiPiazza, P.E.
- Project Engineer
  - jdipiazza@msa-ps.com
  - (608) 242-7779
## Intersection Alternatives Comparison: CTH PD & CTH M

<table>
<thead>
<tr>
<th>CTH PD &amp; CTH M</th>
<th>Roundabout</th>
<th>Split Grade Jug Handle</th>
<th>At Grade Traffic Signal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operation¹ 2035 Traffic Volumes</td>
<td>Better (LOS C)</td>
<td>Better (LOS C)</td>
<td>Failing (LOS E)</td>
</tr>
<tr>
<td>Right of Way required (cost)</td>
<td>2.5 Acres ($1.6 Million)</td>
<td>6.0 Acres ($3.9 Million)</td>
<td>3.9 Acres ($2.5 Million)</td>
</tr>
<tr>
<td>Estimated construction cost</td>
<td>$3.6 Million</td>
<td>$6.0 Million</td>
<td>$3.8 Million</td>
</tr>
<tr>
<td>Environmental impacts</td>
<td>Wetlands, Utilities, Farmland</td>
<td>Wetlands, Utilities, Farmland</td>
<td>Wetlands, Utilities, Farmland</td>
</tr>
</tbody>
</table>

¹ Scale of A (best) to F (severe congestion)

**ESTIMATED COST OF REMAINING ROADWAY (outside intersection limits): $15.2 Million** (including R/W)
### Intersection Alternatives Comparison: Mid Town Road & CTH M

<table>
<thead>
<tr>
<th></th>
<th>Roundabout</th>
<th>At Grade Traffic Signal</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Operation(^1)</strong></td>
<td>Better (LOS C)</td>
<td>Acceptable (LOS D)</td>
</tr>
<tr>
<td><strong>2035 Traffic Volumes</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Right of Way required</strong></td>
<td>3.8 Acre ($2.5 Million)</td>
<td>3.4 Acre ($2.2 Million)</td>
</tr>
<tr>
<td><strong>(cost)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Estimated construction cost</strong></td>
<td>$3.7 Million</td>
<td>$4.0 Million</td>
</tr>
<tr>
<td><strong>Environmental impacts</strong></td>
<td>Residence relocation, Golf Course, Farmland</td>
<td>Golf Course, Farmland</td>
</tr>
<tr>
<td><strong>Adjacent property access</strong></td>
<td>Better (U-turn at roundabout)</td>
<td>Limited (right in/right out)</td>
</tr>
<tr>
<td><strong>(Existing homes on Mid Town Road)</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

\(^1\) *Scale of A (best) to F (severe congestion)*

**ESTIMATED COST OF REMAINING ROADWAY (outside intersection limits): $15.2 Million (including R/W)**