





SRF No. 9275 County Project No. 091102 SAP 027-712-002

# CSAH 112 – Phase 2 Project Advisory Committee (PAC) Meeting July 21, 2016 (8:00-10:00 a.m.) Orono City Hall MEETING RECORD

A project PAC meeting for the referenced project was held at the Orono City Hall on July 21, 2016 from 8:00 a.m. to 10:00 a.m. The following is a summary of the meeting based on the Agenda, which is attached to this record:

#### **Meeting Summary:**

- 1. Introductions (5 Minutes)
  - a. Introductions of Project Advisory Committee (PAC) Members
    - A copy of the meeting sign in sheet is attached to this meeting record.
- 2. Project Overview Phase 2 and Project Advisory Committee (PAC) Role (15 Minutes)
  - a. Agency comment (10 Minutes)
    - i. Hennepin County
      - Kristy Morter stated that construction for Phase 1 will start in the spring of 2017 and Phase 2 is planned to begin in the spring of 2018.
      - During the preliminary design phase completed in early 2014, both City Councils approved the preliminary layout. The preliminary layout from Wolf Pointe Trail to Trunk Highway (TH) 12 is the project boundaries for final design of Phase 2.
      - During design of Phase 1 geometric revisions were made and approved, these revisions affected Phase 2. The geometric revisions from Phase 1 will be incorporated into Phase 2.
      - Kristy Morter views the PAC process to be a partnership as we move forward into final design.
    - ii. City of Orono
      - Mayor Lili McMillan had no specific comments.
  - iii. City of Long Lake
    - Scott Weske is pleased the project is moving forward.
  - b. Relationship of the Project Management Team (PMT), Project Advisory Committee (PAC), and City Councils (5 Minutes)
    - The PMT will be meeting monthly and the PAC will meet bimonthly to review and discuss project issues, costs, and impacts.

- The purpose of the PMT and PAC is a way to communicate with the team and committee members and give them a forum to voice their ideas, concerns, and thoughts related to the CSAH 112 Phase 2 project.
- Jessica Loftus informed the group that the next PAC meeting will be held in the Orono City Council Chamber.

#### 3. Review of Previous Action Items (0 Minutes)

#### a. None

- Nate Will indicated a list of action items will be listed here for the next meeting.
- Kristy Morter shared that the meeting record and meeting items will be posted to the Hennepin County Project CSAH 112 website.

#### 4. Discussion Items (60 Minutes)

#### a. Approved Layout March 20, 2014

- Nate Will described a few key points in regards to the approved layout:
  - o The trail is shown along the south side of CSAH 112 with a pedestrian crossing median for access to Old Long Lake Road.
  - O Typical section has three lanes, two thru lanes with continuous two way left-turn lane with shoulders. This section transitions into a two lane section at the Luce Line Bridge.
  - Two retaining walls: one east of Wolf Pointe Trail and one on the inside curve of CSAH 112 at the Old Long Lake intersection.

#### b. Review Design Changes Phase 2

- Nate Will described revisions to Phase 2 due to revisions approved in Phase 1.
  - o Phase 1 construction limits were shifted to Wolf Pointe Trail.
  - O Trail shifted to the North side along Long Lake and shifted CSAH 112 road south. The north side gained curb and gutter and a ditch section to the south side.
  - o The trail will be an eight-foot wide trail ending at Old Long Lake Road.
- Kristy Morter added Long Lake City Council approved the shift of the trail to the north side.
- Mayor McMillan asked if there was still a connection to the Long Lake City trail that runs along TH 12 behind the residential areas. Nate Will answered yes as part of Phase 1 there is a pedestrian crossing with a raised median.

#### c. Overview of Phase 2 Layout

- Nate Will gave overview of the Phase 2 Layout (A copy of the Layout is attached to this meeting record):
  - o Green shaded area is the Phase 1 project which construction will start in spring 2017 thru fall 2018.
  - o Removed pedestrian median crossing at Green Hill Lane. Green Hill Lane intersection remains a right-in/right-out (RIRO).
  - o Revised Birch's on the Lake driveway configuration and added a right turn lane to the east driveway.
  - o Retaining wall added to north side at two locations due to the trail addition.
  - o Removed retaining wall on south side east of Wolf Pointe Trail.

- o Roadway section at Wayzata Boulevard has been narrowed.
- Dan MacDonald asked if the radius at Old Long Lake Road was tightened. Nate Will responded that he would have to review the existing radius to compare it to our proposed curve. However, we are planning on posting the speed limit at 40 MPH and changing the superelvation of the curve to help slow traffic down.
- Nate Will further explained that Old Long Lake Road intersection is shifted east to provide a
  perpendicular intersection to improve sight lines. Also the RIRO at Greenhill Lane will
  further help with sightline issue along the curve.
- Mike Turner added we must follow State Aid rules as they relate to the size (radius) of the curves. These rules depend on type of roadway rural or urban and design speed.
- Nate Will added in placing the curve we also need to be mindful to minimize impacts to adjacent properties.

#### d. Review on previous approvals by PAC and City Councils

 Nate Will described the guiding design principles for Phase 2 is to follow the previous decision process from Phase 1.

#### i. Retaining Walls

- O Precast modular block walls for Phase 2 are proposed to match the design in Phase 1. They will have the same cap and limestone texture.
- Railing on the walls will be black and utilize the same style and heights as used in Phase
   1. A copy of the proposed walls and railing presented are attached to this meeting record.

#### ii. Lighting

- o Proposed at intersections to replace Xcel pole lights.
- o 25-foot height, LED and black with no attachments
- o Replacing lighting at the intersections is for safety and should be covered under the turnback funding.
- o Hennepin County does not own or maintain the lights.
- o A copy of the proposed light, used in Phase 1, is attached to this meeting record.

#### iii. Utility burial

Mike Turner stated these items are consistent with the preliminary layout design
parameters. He asked the question if these ideas that where approved back in 2014 are
still what is desired today.

#### e. Raised Median

- Nate Will stated previously that there was a raised median at Greenhill Lane to bring
  pedestrians from the trail on the south side of CSAH 112 to the north side and eventually to
  Old Long Lake Road. With the trail on the north, the raised median has been removed.
- Dan MacDonald agreed with the removal of the raised median as residences have access to the Long Lake City Trail along TH 12. Dale Lemmerman stated he does not see people crossing CSAH 112.
- Scott Weske noted the City has not received concern from residents wishing to cross CSAH 112.

- Mike Turner asked if a raised median should be added closer to Heather Lane.
- Mayor McMillan replied that the center median should be used more for turning cars.
- Mike Turner replied the raised median could be added later if desired that it is not precluded.
- In general the PAC does not have a desire for adding a raised medina on CSAH 112 west of Old Lake Road.

#### f. Green Hill Lane right-in/right-out

- Nate Will stated that left-turns would be allowed with the (RIRO). The RIRO would also help with the sightline issue at Green Hill Lane.
- If preferred the RIRO median can be modified to allow left turns from CSAH 112 onto Green Hill Lane.
- Dan MacDonald stated he sees most people go to Russel Lane to take a left turn out onto CSAH 112.
- Mike Turner added we think the best thing is to have a RIRO, but it could be changed later.

#### g. Trail Extension from Old Long Lake Road to Luce Line Trail

- Nate Will started by telling the group the trail connection to the Luce Line on the south side
  of CSAH 112 at the Luce Line is still on the layout, but due to safety concern, we think it
  should be removed.
- Nate Will detailed a trail option for the north side of CSAH 112 from Old Long Lake Road
  to the Luce Line. Curb and gutter would be added along with the trail. Grading would be
  covered under the turnback funding, but cost of paving would need to be funded by the
  County and City of Orono.
- A portion of the trail would be in a DNR owned property and we are currently investigating how this would impact the trail.
- Jessica Loftus asked if there is a path to get up to the Luce line trail.
- Nate Will answered that the grading of the trail would require removing several trees.
- Mayor McMillan thought a straight route into Long Lake for trail users could be a positive thing. Would like to see a cost estimate. She has seen a lot of people biking and using trails.
- Dan MacDonald asked how it is better than using the Long Lake City Trail.
- Jessica Loftus stated the time to do it is now because to wait could be costly.
- Kristy Morter added that Hennepin County is in support of adding the trail section.
- SRF will look at the cost of the trail and any issues the DNR property might pose to the trail.

#### h. Cost Summary

- Nate Will started by telling the group the cost summary's for segment 4A1 are reflective of the preliminary layout that were approved back in 2014. He further described that the Orono City council voted no to additional lighting and streetscape at the Luce Line Bridge and for full utility burial. Nate Will asked the City of Long Lake if they would also like to remove there portion of the cost for the additional lighting and streetscape at the Luce Line Bridge and full utility burial?
- Jessica Loftus asked if notes could be added to the cost estimate for the priorities locations.
- Kristy Morter told the group the next meeting they would plan to discuss staging. Staging in
  this section will have a deep muck excavation section and the City of Long Lake has utility
  reconstruction planned.

- Kristy Morter informed the group that this September MnDOT is planning on installing median barrier on TH 12.
- Dan MacDonald added that the area outside the roadway section between Russell Lane and Heather Lane is very flat and floods. Stated that during preliminary design discussion were had with Jim Grube that something could be done to help this area. Mike Turner added that we are aware of the drainage issue at this location and are investigating it.
- Nate Will concluded that included with the agenda is a meeting schedule and planned topics for the PAC meetings.

#### 5. Follow up items/Action Items: (5 Minutes)

Task	Responsible Party	Due Date	Resolution
Refine estimated costs to extend trail from Old Long Lake Road to Luce Line Trail including cost to acquire additional easement/property at NE corner of Luce Line and Wayzata Boulevard.	Nate Will	9/1/16	
Update Cost summaries to included notes for each priority	Nate Will	9/1/16	
Review Drainage issue on private property between Russel Lane And Heather Lane.	Nate Will	10/1/16	
Prepare PAC Meeting Record	Nate Will	9/1/16	
Prepare PAC Meeting Agenda	Nate Will	9/15/16	
Post PAC Meeting Record to County project website	Kristy Morter	9/22/16	

#### 6. Upcoming Meeting:

a. PAC Meeting: September 22, 2016; 8:00 am – 10:00 am







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- 2. Project Overview Phase 2 and Project Advisory Committee (PAC) Role (15 Minutes)
  - a. Agency comment (10 Minutes)
    - i. Hennepin County
    - ii. City of Orono
    - iii. City of Long Lake
  - b. Relationship of the Project Management Team (PMT), Project Advisory Committee (PAC) and City Councils (5 Minutes)
- 3. Review of Previous Action Items: (0 Minutes)
  - a. None
- 4. Discussion Items: (60 Minutes)
  - a. Approved Layout March 20, 2014
  - b. Review Design Changes Phase 2
  - c. Overview of Phase 2 Layout
  - d. Review on previous approvals by PAC and City Councils
    - i. Retaining Walls
    - ii. Lighting
    - iii. Streetscape
    - iv. Utility burial
  - e. Raised Median
  - f. Green Hill Lane right-in/right-out
  - g. Trail Extension from Old Long Lake Road to Luce Line Trail
  - h. Cost Summary

5. Follow up items / Action Items: (5 Minutes)

Task	Responsible Party	Due Date	Resolution

6. Upcoming Meeting:

a. PAC Meeting: September 22, 2016; 8:00 am – 10:00 am

### **CSAH 112 Project**

## Final Design – Phase 2

### Project Advisory Committee (PAC) Meeting Sign-In Sheet Thursday, July 21, 2016 (8:00 – 10:00 a.m.)

Present	Name/Organization	Mailing Address	Phone	Email
	Kristy Morter Hennepin County	1600 Prairie Drive Medina, MN 55340	612-596-0384	Kristy.Morter@hennepin.us
	Mike Turner SRF Consulting Group	1 Carlson Parkway, Suite 150 Minneapolis, MN 55447	763-249-6717	MTurner@SRFConsulting.com
	Nate Will SRF Consulting Group	1 Carlson Parkway, Suite 150 Minneapolis, MN 55447	763-249-6761	NWill@SRFConsulting.com
	Amber Klein SRF Consulting Group	1 Carlson Parkway, Suite 150 Minneapolis, MN 55447	763-452-4839	aklein@srfconsulting.com
	Jessica Loftus City of Orono	P.O. Box 66 Crystal Bay, MN 55323	952-249-4601	JLoftus@ci.orono.mn.us
	Adam Edwards City of Orono	P.O. Box 66 Crystal Bay, MN 55323	952-249-4661	AEdwards@ci.orono.mn.us
$\boxtimes$	Scott Weske City of Long Lake	P.O. Box 606 Long Lake, MN 55356	952-473-6961x2	SWeske@longlakemn.gov
	Chris LaBounty City of Long Lake (WSB)	P.O. Box 606 Long Lake, MN 55356	763-231-4860	CLaBounty@wsbeng.com
	Lili McMillan Orono Mayor	P.O. Box 66 Crystal Bay, MN 55323	612-840-8484	lmcmillan@ci.orono.mn.us
	Donny Chillstrom Long Lake Mayor	P.O. Box 606 Long Lake, MN 55356	612-710-0569	dchillstrom@longlakemn.gov

### **CSAH 112 Project**

## Final Design – Phase 2

### Project Advisory Committee (PAC) Meeting Sign-In Sheet Thursday, July 21, 2016 (8:00 – 10:00 a.m.)

Present	Name/Organization	Mailing Address	Phone	Email
	Jim Cornick Orono City Council	P.O. Box 66 Crystal Bay, MN 55323	952-300-0954	jcornickjr@ci.orono.mn.us
	Marty Schneider Long Lake City Council	P.O. Box 606 Long Lake, MN 55356	612-237-3843	mscheider@longlakemn.gov
	Dan MacDonald Long Lake Citizen	335 Russel Lane Long Lake, MN 55356	952-473-2201	yellowdogrescue@gmail.com
	Dale Lemmerman Long Lake Citizen	1117 W. Wayzata Blvd. Wayzata, MN 55391	952-473-4995	

# CSAH 112 - Phase 2 Wolf Pointe Tr. to TH 12 Exit Ramp Hennepin Co. Proj. No. 091102

#### Meeting Legend

Color	Meeting Type			
	PMT Meeting (Monthly)			
	PAC Meeting (Bi-Monthly)			
	Work Sessions			
	Public Meeting / Open House			
	City Council Meeting			
	Chamber of Commerce Meeting			
$\overline{}$	Holiday / Weekend			

Notes:

Long Lake Council meetings/Work sessions occur 1st & 3rd Tuesday's of month
Orono Council meetings on 2nd & 4th Monday's of month, work sessions at 2nd mtg
Long Lake Area Chamber of Commerce meetings on 2nd Wednesday of the month

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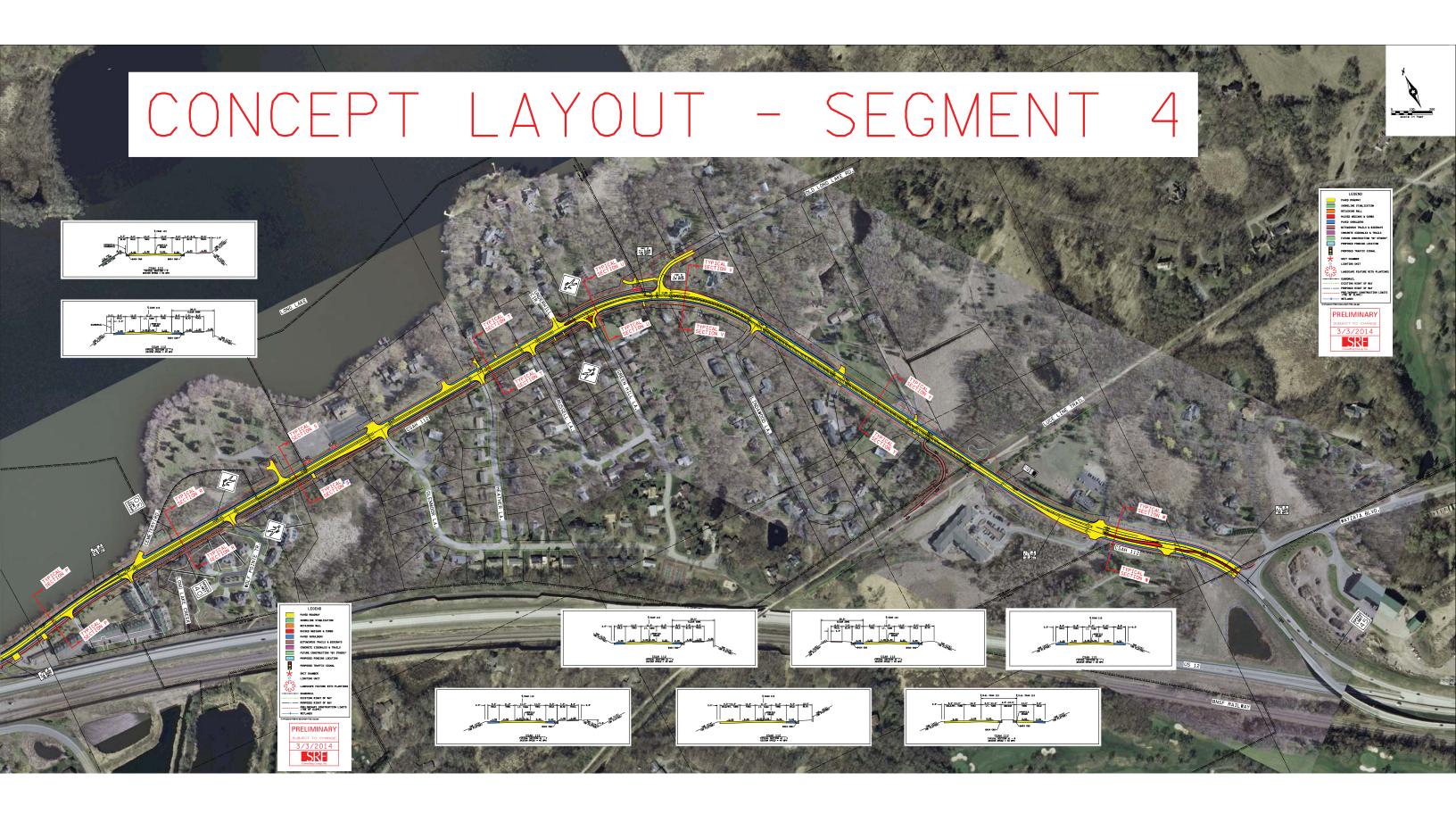


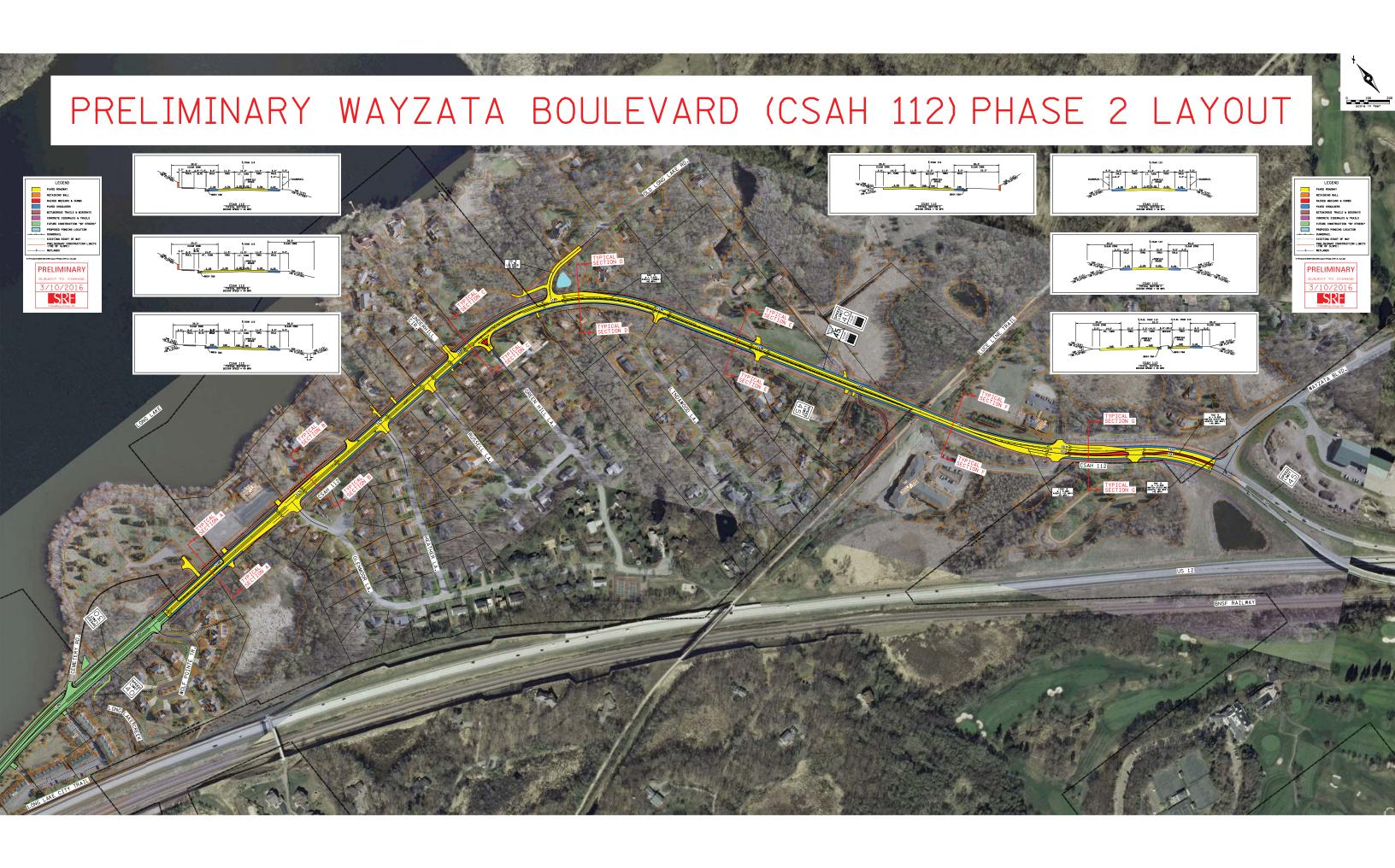


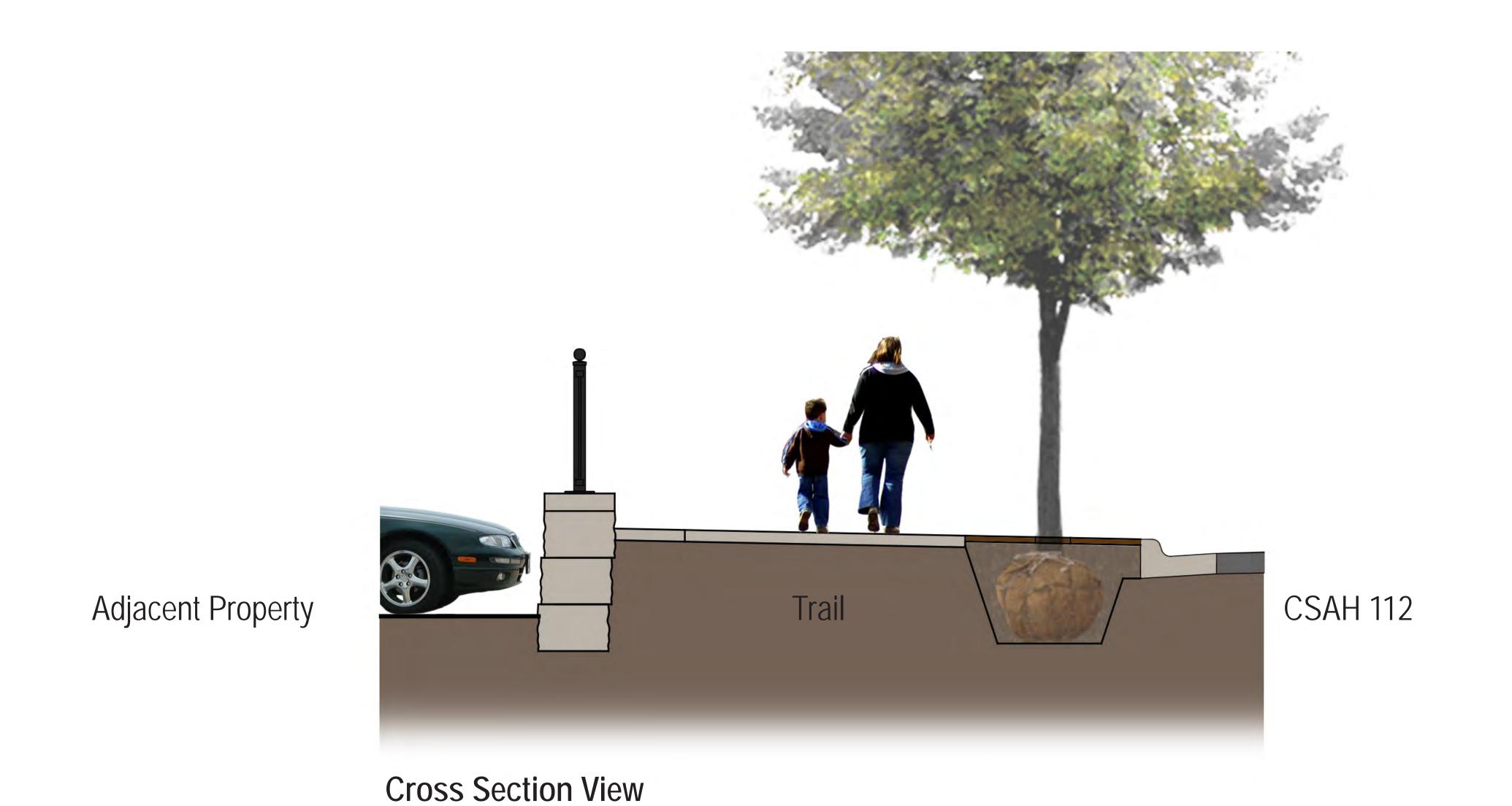
# CSAH 112 – Phase 2 Project Advisory Committee (PAC) Meeting Dates and Planned Topics 2016 Meetings

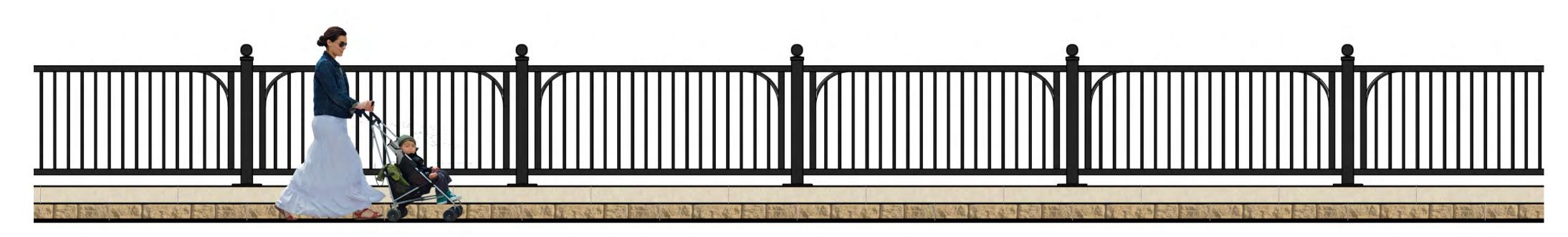
PAC Dates / Times	PAC Meeting Themes / Content	Remarks
Locations		
July 21, 2016 8:00 – 10:00 am Orono City Hall	<ul> <li>Project Introductions</li> <li>Review Design Changes</li> <li>Overview of new Phase 2 Layout</li> <li>Background on previously approvals by PAC and City Councils (i.e. Retaining Walls, Lighting &amp; Streetscape)</li> <li>Raised Median</li> <li>Green Hill Lane right-in/right-out</li> <li>Trail Extension from Old Long Lake RD to Luce Line Trail</li> </ul>	
September 22, 2016 8:00 – 10:00 am Orono City Hall	<ul> <li>Cost Summary</li> <li>Review of overall project progress</li> <li>Staging</li> <li>Review of materials for Open House Meeting</li> <li>Briefing on plans for Open House Meeting</li> </ul>	
Date TBD, October 2016	Public Open House	
November 17, 2016 8:00 – 10:00 am Orono City Hall	<ul> <li>Summary of comments received at Open House Meeting</li> <li>Utility Burial costs and locations</li> <li>Review of overall project progress</li> </ul>	

SRF No. 9275 County Project No. 091102

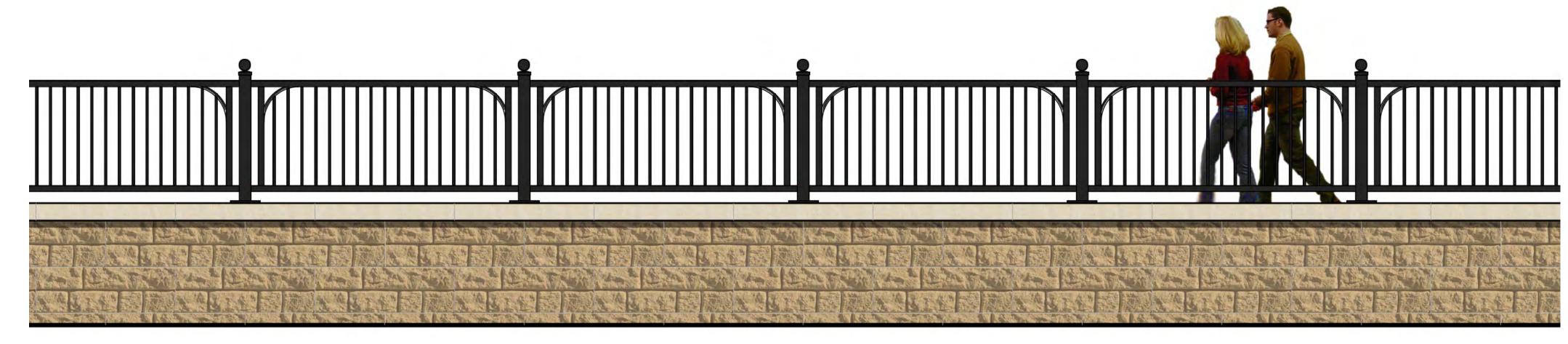








Wall Elevation View from CSAH 112



Wall Elevation View from Adjacent Property

\* Retaining Walls A,B,C,D,E, and F will be Modular Block (See Layout Plans)



# Wall Details

- Architectural Cap
- Modular Block with Rusticated Limestone Texture
- Color Stain (Natural Limestone Appearance)

# Railing Details

- Steel Construction
- Painted Black



Comparable Modular Block Wall Aesthetic Example

















DATE: 3/17/14

EGMENT 4A1 (40 MPH - Trail Option 1) (Cemetery Rd to Wayzata Blvd)		TOTALS	TURNBACK FUNDS	HENNEPIN COUNTY	CITY OF ORONO	CITY OF LONG LAKE	
		Construction ①	\$7,513,700	\$7,513,700			
	Base	R/W	\$233,600	\$233,600			
		Subtotal	\$7,747,300	\$7,747,300			
Additional Trail & Sidewalk		Construction①	\$84,800		\$42,400	\$4,300	\$38,100
		R/W	\$57,700		\$57,700		
		Subtotal	\$142,500		\$100,100	\$4,300	\$38,100
Priority 1	Additional Lighting ①		\$13,844		\$6,072	<del>\$4,556</del>	\$7,772
PHOHILY I	Str	reetscape ①	\$157,708		\$69,201	7,700 00,100 \$4,300 5,072 \$4,556 9,201 \$51,992	\$88,507
•							
Priority 2	Utility Full Burial (Cemetery Rd to Seg 3 Boundary)		\$201,250			<del>\$85,000</del>	\$201,250
Priority 2	Utility Burial (Crossing Only)		\$432,000			<del>\$164,000</del>	\$432,000
-							
	Subtotal - Seg	sment 4	\$9,000,150	\$7,747,300	<del>\$175,373</del>	\$309,848	<del>\$767,629</del>
Revised Subtotal - Segment 4			\$8,694,602	\$7,747,300	\$175,373	\$4,300	\$767,629

Green Text indicates City proposed contribution to discretionary project elements. Blue Text indicates Hennepin Couty proposed contribution to discretionary project elements. Discretionary spending item cost will be shared by the County and City based on policy. Priorities listed are based on May 16th, 2013 PAC meeting. Red Strike indicates previous estimate.

① Construction cost includes 18% Engineering and Construction Administration.