



SRF No. 0148483  
 County Project No. 091101

**CSAH 112 – Phase 1  
 Project Advisory Committee (PAC) Meeting  
 March 18, 2015; 8:00 am – 10:15 am  
 Orono City Hall  
 MEETING RECORD**

A project PAC meeting for the referenced project was held at the Orono City Hall on March 18, 2015, from 8:00 a.m. – 10:15 a.m. The following is a summary of the meeting based on the Agenda, which is attached to this record:

**Meeting Summary:**

**1. Introductions:**

Nate Will opened the meeting. Introductions were made as several new people were present. A copy of the meeting sign-in sheet is attached to this meeting record.

**2. Review of February 18, 2015, Project Advisory Committee Meeting Record:**

Nate asked that any comments on the Meeting Record from the February 18, 2015, meeting be sent electronically to him at SRF. No specific comments were provided by the PAC. Nate will post the meeting record on the project website at [www.CSAH112.com](http://www.CSAH112.com) on the status page.

**3. Review of Previous Action Items:**

The following action items were reviewed. Any items shown in grey require additional action, which is added to the action items from this meeting below.

Task	Responsible Party	Due Date	Resolution
SRF to prepare memorandum to document decision for constructing the Rapid Rectangular-Flashing Beacon (RRFB) at intersection of CSAH 112 and Mill Street.	Nate Will	4/3/15	

Task	Responsible Party	Due Date	Resolution
Scott Weske to research the tree replacement requirements for the City of Long Lake and report back at the February PAC meeting.	Scott Weske	3/18/15	Completed, Scott and Marv reviewed ordinance and nothing specific was required for replacing trees within the City. Requirements governed trees required for commercial parking lots.
City of Long Lake to develop and pass resolution to ban parking along both sides of Martha Lane and along Symes Street adjacent to the Nelson Lakeside Park.	Scott Weske	4/15/15	Ongoing, see discussion below
The City will provide a contact name, phone number and address for the final delivery location of the light poles to be salvaged.	Scott Weske	5/01/15	Completed. Marv Wurzer (952) 476-2855  Long Lake Public Works Department 2145 Daniels Street Long Lake, MN 55356
SRF to update project website ( <a href="http://www.csa112.com">www.csa112.com</a> ) to include meeting record for PAC meeting held on 1/21/15.	Nate Will	2/10/15	Completed
SRF to develop options to enhance the main intersection sidewalk corners with colored concrete to complement the typical proposed walk materials which include exposed aggregate and standard gray concrete.	Michael Jischke	3/13/15	See discussion below under Item 4.a.
Tim Bruers will discuss with County traffic staff their thoughts about adding a second rapid rectangular-flashing beacon (RRFB) at the Martha Lane/112 pedestrian crossing.	Tim Bruers	3/17/15	Completed, County will not allow a second a RRFB at Martha Ln.
SRF to develop additional options for the gateway monument signs and ornamental fence for PAC input.	Michael Jischke	3/13/15	Completed, see discussion below under Item 4.a.
Review proposed tree locations and consider reducing number of trees between Mill Street and Martha Lane, adjacent to Gear West.	Michael Jischke	3/13/15	Completed, see discussion below and revised streetscape layout.

Task	Responsible Party	Due Date	Resolution
SRF to delete proposed trees from Lake Street to Mill Street along the businesses on the north side of CSAH 112.	Michael Jischke	3/13/15	Completed, see discussion below and revised streetscape layout.
SRF & County to review proposed parking lane width (currently 8-foot) and consider increasing to the minimum 10-foot width required by State Aid.	Nate Will	3/13/15	Completed, see discussion below and revised streetscape layout.
SRF to layout preliminary lighting locations to provide trail lighting along Lake Street, Symes Street and lights at either end of the proposed trail connection from Mill Street to Martha Lane.	Nate Will	3/13/15	Completed, see discussion below and revised streetscape layout.
SRF to review possibility of adding a 4-inch or 6-inch curb along the front of the retaining walls to protect walls from nicks and scratches from City plowing operations.	Nate Will	3/13/15	Completed, see discussion below
The City of Long Lake will forward to SRF a sketch showing the proposed lighting layout along Lake and Symes Street.	Donny Chillstrom	2/28/15	Completed
SRF to report back to the PAC with estimated costs for potential burial of overhead utility lines in Phase 1 for Orono and Long Lake.	Nate Will	3/13/15	See discussion below

Nate Will discussed the geometric revisions that were made, in response to the previous PAC meeting, to increase the parking stall width from 8 feet to 10 feet between Lake Street and Martha Lane. He also pointed out on the revised streetscape layout the deletion of trees along the north side of CSAH 112 from Lake Street to Mill Street. The PAC approved of these revisions to the streetscape layout.

Nate also presented the proposed street light locations along Lake Street, Symes Street and the trail connection between Mill Street and Martha Lane. He noted these locations matched the sketch provided by the City of Long Lake and would include reusing the salvage “Washington” style green light poles with new wiring connections. Additional coordination will be need with the City and Xcel Energy to decide on the source(s) of power for these lights. Also, the existing power pole mounted luminaires will need to be removed presumably by Xcel Energy.

The PAC discussed the proposed location of the rapid rectangular-flashing beacon (RRFB) which is planned to be installed on the west leg of CSAH 112 at Mill Street intersection. The County reviewed a request made at the last PAC meeting to install a second RRFB at the Martha Lane intersection. County staff feel that adding a second RRFB at Martha Lane would result in potential confusion with two sets of advanced flashers as well as the flashers at the intersections which could result in non-compliance. Therefore, the County does not approve of installing a second RRFB at Martha Lane. Councilmember Dyvik opposes

locating the RRFB at Mill Street for the following reasons: 1) the preliminary layout design process including public input agreed to locate the RRFB at Martha Lane; 2) the proposed trail crossing is located at Martha Lane; 3) eastbound school bus drop off is currently not allowed at Martha Lane for safety reasons, however, drop off may have been allowed if the RRFB were located at Martha Lane. Other members of the PAC felt strongly that locating the RRFB at Mill Street would benefit more pedestrians than locating it at Martha Lane. Nate mentioned that the crossing at Martha Lane would be signed appropriately for “trail crossing” standards. He also questioned if the bus route might consider rerouting to drop children off at the new trail connection on Mill Street. The PAC inquired about the proposed center median at Martha Lane and if it was wide enough for bicycles. Nate responded that the raised median will be 12 feet wide and would be wide enough for a bike to stop in the median; however, it is not intended to be used as a refuge area. Traffic is supposed to stop in both directions to allow a pedestrian or trail user to cross the entire roadway. The median also serves to notify motorists of the changing characteristics of the roadway including the downtown area, increased pedestrian activity and to calm traffic. Most of PAC members agreed that the RRFB should continue to be shown at the Mill Street intersection.

A discussion occurred regarding the proposed intersection improvements at the Martha Street intersection. The PAC appreciated “squaring” off the Martha Lane connection into CSAH 112 which will help both the sightlines and encourage right-turning motorists heading westbound to slow down rather than attempting to take the corner at higher speeds. Nate noted that the pedestrian area in the northeast corner would open up the visual areas as well and be adequately lit at night with the new lighting fixtures.

Councilmember Dyvik indicated that he had recently spoken with the resident located at the northeast corner of the Martha Lane/112 intersection and indicated they would like to meet with County staff to review the proposed work along their property. The PAC discussed the idea of meetings with various property owners, such as Gear West for coordination of landscaping. The PAC felt it was a good idea; however, meeting one on one with each property owner was not necessary. PAC members felt that inviting the public to the open house and having display boards with renderings would be a first step. Nate noted that a few specific business owner meetings were being coordinated to discuss revisions to entrances such as NAPA, Elite Auto, Otten Bros Landscape, the Orono Station (gas station) and the shared entrance to SOS Appliance Repair loading dock/parking area to the east.

Nate mentioned Xcel Energy was preparing an estimate for the potential burial of overhead utilities, in Phase 1 project area, and would be separating the estimate based upon work in Orono and Long Lake. Councilmember Olson requested clarification for the limits of proposed estimate to bury utilities near the east end of Phase 1. Nate explained that Xcel is estimating the cost relocate and bury the line from approximately 700 feet west of the Cemetery Road intersection to Wolf Pointe Trail. Councilmember Olson requested the estimate be expanded to include costs for the Phase 2 project area and include breakdowns for both full burial and burial of only crossings. Also, the estimate should include a cost to bury the overhead power from Cemetery Road west 700 feet while leaving the section from Cemetery Road to Wolf Pointe Trail as overhead. See Action items below for complete list.

#### **4. Discussion Items:**

- a. *Review revised streetscape layout and details including proposed tree locations, gateway monument, railing options and enhanced pedestrian ramp areas.*

##### Streetscape Layout:

Michael presented the revised streetscape layout from Brown Road to Cemetery Road. A copy of this graphic is attached to this meeting record. He discussed the proposed trees that remain on the layout located on the north side of CSAH 112 between Mill Street and Martha Lane. Michael pointed out the sightline areas, at Mill Street and Martha Lane, where the trees were not permitted. The PAC encouraged coordinating the proposed street trees with the owner of Gear West which has existing landscaping and may be installing additional items along their new building.

Michael explained the concept for proposing trees along the north side of CSAH 112 between Mill Street and Martha Lane which compliments the existing line of trees along the south side of the roadway. The PAC requested that the streetscape layout be updated to show both the existing (that will remain after construction) and the proposed trees along the south side.

##### Gateway Monuments:

Michael presented three (3) graphics showing Options A, B and C for concepts of the “Long Lake Village Center” gateway monument. A copy of the graphics is attached to this meeting record. The PAC discussed the options, noted items they liked and disliked and eventually selected Option C as the preferred option, which has an arched architectural precast concrete sign with engraved lettering. The PAC requested that the “scroll” graphics be removed from the design, preferring a simpler aesthetic. The PAC also noted a desire to provide up-lighting of the monuments and to remove the “Wayzata Boulevard” text.

##### Ornamental Fence:

Michael presented three (3) graphics showing Options A, B and C for concepts of the ornamental fence/railing that is proposed on the retaining walls and for use in separating parking lots from walk areas. A copy of the graphics is attached to this meeting record. The PAC discussed the options, noted items they liked and disliked about each option. Funding for these items requires further coordination. Michael said the goal is to have the railings which are attached to retaining walls paid for using the State Turnback Funds. However, he explained that using these funds isn’t guaranteed, especially as the level of aesthetic detail increases. The PAC eventually selected Option A, modified with ball finial post caps as shown on Option B.

##### Enhanced Pedestrian Ramp Areas:

Michael presented three (3) graphics showing Options A, B and C for concepts to enhance the pedestrian curb ramps zones on the major intersection corners. A copy of the graphics is attached to this meeting record. He noted the requirement for pedestrian ramps is to have contrasting colors between the surrounding concrete and the unfinished steel truncated domes. It was noted that the truncated domes would eventually discolor to a rusted steel appearance which is normal for the type of steel used in the domes. Michael noted the

options developed took these elements into consideration for proposing the colors shown in the three options. Kristy noted that State funding could not be applied to the colored concrete or areas of special surface texturing.

Option A – includes standard gray concrete for the walking and pedestrian ramp zones while the furnishing zone consists of standard gray concrete with an exposed aggregate finish and scoring. It was noted that this option as compared to the other two options, represents the most economical option for both initial construction and long-term replacement costs; however, the aesthetics of replacing gray concrete will be as noticeable as replacing the other two options. This option includes a standard broom finish applied to the gray concrete in the walking zone and pedestrian ramp zone.

Option B – includes a tan integral color throughout the thickness of the concrete walk at the pedestrian ramp zone. It was noted that medium tan color selected is about as dark as permissible for contrasting with the truncated domes. The finish of the ramp zone is required to be broom finished. The texture of the corner walking zone would be stamped to create the “stone” texture and appears slightly darker in the graphic. The PAC discussed pros and cons of using colored concrete including costs, maintenance and appearance. Michael noted an approximate cost “upgrade” to use colored concrete with texturing as being approximately double (2x) the cost for standard gray concrete.

Option C – includes a standard gray concrete for the pedestrian ramp zone. The corner walking zone consists of a red-brown integral colored concrete with a brick texture.

In all options, the walking and furnishing zone away from the main intersection corners would remain as standard gray concrete and exposed aggregate respectively.

After further discussion, the PAC selected Option B as the preferred option, replacing the “stone” textured finish with a standard broom finish instead.

*b. Parking options along Martha Lane*

Nate discussed the proposed no parking along the residential properties on Martha Lane. He noted parking is currently not allowed along the south side of Martha Lane along the commercial businesses. He described how the corridor of Martha Lane is proposed to implement “shared lanes” to convey the County’s trail system from CSAH 112 to the trail connection between Martha Lane and Mill Street. He noted the guidelines for “shared lanes” requires a traffic lane in each direction for the bikes to travel with vehicles. This is complicated along Martha Lane due to the narrow (24 feet) width of the existing roadway and the desire to maintain parking along the north side (residential) of the road. Hence, the proposed resolution to not allow parking along the north side which provides the two travel lanes and meets the goals for “shared lanes”.

Allowing parking to continue, assuming a minimum 7-foot parking width, leaves 17 feet for two travel lanes. It should be noted that Martha Lane is low volume road that dead ends with a cul-de-sac and serves approximately 7 properties. Nate mentioned there is some concern regarding perceived liability of directing the County trail system along Martha Lane,

using “shared lanes” should a trail user encounter a parked car and an oncoming car. Who is responsible for yielding? It was noted by the PAC that this situation currently exists if a car is parked and two cars approach in opposite directions, one yields to the other. Similarly, this situation occurs on numerous residential streets where this is no trail, cars parked on either side of the roadway and two cars happen to meet. One car ultimately yields to the other.

Nate presented a concept showing how three parking spaces might be constructed along the north side of Martha Lane but pushing out the curb line. A copy of this graphic is attached to this meeting record. He noted this concept, which has several “bump outs” in the curb, poses issues with snow removal, drainage and impacts the residential yards resulting in loss of existing trees. Nate offered a second concept, no graphic provided, that would remove the “bump outs” and basically widen Martha Lane 4 feet to provide the parking spaces while improving the maintenance and drainage as compared to the previous concept. This concept would impact the residential properties, trees and driveways.

Kristy offered to discuss this issue with County’s Bicycle Advisory Committee to see if they have suggestions or input that may address the concerns.

*c. Curb protection along walls*

Nate briefly responded to an item brought up at previous PAC meeting regarding ideas for protecting the exposed face of retaining walls from snow removal operations. He indicated that constructing a separate curb or integral curb into the sidewalk, along the front of retaining walls, is not a common design feature. He noted that after looking at ways to incorporate a curb, issues with clear zone requirements were noted along the trail sections on the north side of CSAH 112 from Brown Road to Lake Street. In order to make the trail clear zone work, either the trail would need to shift closer to the roadway or shift the retaining wall(s) farther into private property resulting in larger proposed easements. Nate mentioned concerns with constructing an integral curb into the sidewalk as the tendency for the curb to crack or break off would be high given the thickness of the concrete walk. For this reason, he noted it would be better to consider a separate ribbon curb which adds cost to the project and impacts the aesthetic view of the retaining walls.

Scott questioned if a separate curb band might be constructed integral with the walls. Nate noted the walls between Brown Road and Mill Street are proposed to be large block modular block units which do not have the opportunity to cast a flat vertical edge to protect the wall finish from the plow.

It was noted that the walls will be clearly marked by railings mounted on top and that nicks on the walls will occur; however, refinement of snow clearing operations or leaving some snow adjacent to the walls will minimize the chance of damage.

*d. Display lighting luminaire*

Nate presented a replica of the luminaire housing for the proposed lighting planned along CSAH 112. He pointed out the locations of the proposed 25-foot and 15-foot light pole

locations in the Phase 1 project area. Nate mentioned there would be two different sizes (20-inch and 25-inch diameter) luminaire housing used on this project which correspond to the pole heights. The 20-inch diameter is proposed on the 15-foot pole, while the 25-inch diameter is proposed on the 25-foot pole. The difference is for aesthetics of the luminaire size and pole heights. It was noted that the poles and fixtures proposed on this project are currently in use along CSAH 15 in Navarre.

*e. Public Open House*

Nate mentioned that the status of the Phase 1 project is at a point where the PAC would want to consider scheduling a public open house meeting. He noted that based upon input from Project Management Team (PMT), which consists of representatives from the County, Long Lake and Orono, that a tentative date for the meeting is Wednesday, April 22, 2015. The time of the meeting was suggested as 4:30 p.m. to 6:30 p.m. The PAC agreed that a public open house would be a good idea and agreed with the proposed date and time. Mayor Chillstrom reserved the large meeting room at the Lake Community Bank in Long Lake.

The PAC briefly discussed items to be displayed at the open house which include the Phase 1 layout, renderings of the gateway monument at Brown Road and consider displaying renderings of the proposed lighting and retaining walls. Also, the PAC suggested displaying the proposed detour route and general discussion regarding proposed road closure and construction schedule. The PAC suggested displaying a cross section showing the proposed shoreline reconstruction complexities and the reasoning for closing the roadway to construct.

Kristy Morter suggested that notices for the open house be sent out approximately three weeks prior to the meeting. Additional notification should be included on the CSAH 112 website and noticed on the Cities websites.

**5. Update of ongoing design efforts**

*a. Geotechnical Investigation/Coordination*

Due to limited time, no update was provided.

*b. Utility Coordination and Mapping*

Due to limited time, no update was provided.

*c. Environmental Investigation*

The PAC inquired about the results of the environmental work in Phase 1. Nate replied that a draft Environmental Site Assessment (ESA) Phase I was completed and being reviewed by the County. The ESA Phase I includes an environmental assessment review of previous businesses and existing properties, 500 feet either side of the CSAH 112 alignment. Based upon the results of the ESA Phase I, a ESA Phase II was completed which includes drilling soil probes, within the County right of way, to further identify locations of contaminated soil and groundwater. Nate mentioned a draft of the ESA Phase II was expected for review later this week.

The PAC inquired about locations of contamination within the Phase 1 project area. Nate indicated based upon the draft results, contaminated soils were found to exist at the southwest corner of CSAH 112 at Brown Road; the intersection of CSAH 112 at Lake Street; and an isolated area approximately 400 feet east of Martha Lane. He noted the contamination at the Lake Street intersection was the most severe with contaminated soil and groundwater. He explained the contamination is mostly petroleum based and includes petroleum based vapors which have and will continue to exist in the soils even after CSAH 112 is fully reconstructed. He noted that when contaminated soil is impacted during construction, additional testing is required to determine if the levels of contamination are such that the soil could be reused in the project area or if the material would be removed from the project and disposed in a landfill.

Nate noted that several preliminary tests on the groundwater sample taken have shown high levels of mercury. He noted the results are preliminary and that the laboratory was running a different test procedure to verify or discount the results of the previous laboratory test results.

Scott Weske noted the existing fuel tanks (newer modified style) have been removed from the former BP gas station at Lake Street and CSAH 112. He noted the original fuel tanks were previously removed and replaced due to leaks that were discovered.

It was noted that an old gas station once existed on the property currently occupied by the Lakeside Wines and Spirits and that there may be some future cleanup and remediation efforts by the property owner.

## **6. Open Discussion**

Due to limited time, no open discussion occurred at the meeting.

## **7. Follow Up Items/Action Items:**

For tracking purposes, we have assigned a responsible party and a due date for completing the following action items, which were identified at the meeting:

<b>Task</b>	<b>Responsible Party</b>	<b>Due Date</b>
Develop and send out notices for public open house three weeks prior to meeting date.	Nate Will & Kristy Morter	4/1/15
SRF to update project website ( <a href="http://www.csa112.com">www.csa112.com</a> ) to include meeting record for PAC meeting held on 2/18/15.	Nate Will	3/20/15
County will discuss internally the proposed shared-use bike lanes along Martha Lane assuming parking remains permissible along residential properties.	Kristy Morter	4/15/15

<b>Task</b>	<b>Responsible Party</b>	<b>Due Date</b>
SRF to update the streetscape layout to show locations of existing trees that are expected to remain after construction is completed between Mill Street and Martha Lane.	Michael Jischke	4/8/15
SRF to revise the preferred Gateway design (Option C) to remove the scroll engraving and delete the Wayzata Boulevard plaque.	Michael Jischke	4/8/15
SRF to revise the preferred Ornamental Fence design (Option A) to add ball final post caps.	Michael Jischke	4/8/15
Review proposed tree locations Mill Street and Martha Lane, adjacent to Gear West with property owner. (Timing dependent on owner availability)	Michael Jischke	4/15/15
SRF to coordinate with Xcel Energy on pricing out the potential burial of overhead utility lines in Phase 1 and Phase 2 with separate splits for the following: <ol style="list-style-type: none"> <li>1) Willow Road to Brown Road – Phase 1, City of Orono</li> <li>2) From 700 feet west of Cemetery Road to Cemetery Road – Phase 1, City of Long Lake</li> <li>3) From Cemetery Road to Wolf Pointe Trail – Phase 1, City of Long Lake</li> <li>4) From Cemetery Road to east end of Phase 2, all lines/crossings buried, City of Long Lake</li> <li>5) From Cemetery Road to east end of Phase 2, only crossing buried, City of Long Lake</li> </ol>	Nate Will	4/15/15
Orono will discuss with their Council the desire for a gateway monument in the northwest corner of Brown Road/CSAH 112.	Jessica Loftus	April 15, 2015

### **8. Upcoming Meetings:**

- a. PMT Meeting: May 7, 2015; 1:00 pm – 2:30 pm
- b. PAC Meeting: April 15, 2015; 8:00 am – 10:00 am
- c. Public Open House: April 22, 2015; 4:30 pm – 6:30 pm

### **Meeting Record Revisions:**

The preceding represents SRF Consulting Group's understanding of the referenced meeting. If you identify discrepancies or items that require clarification, please contact Nate Will at SRF, via email at [nwill@srfconsulting.com](mailto:nwill@srfconsulting.com), or via telephone at (763) 249-6761.

NW/gjd

**CSAH 112 Project  
Final Design – Phase 1  
Project Advisory Committee (PAC) Meeting Sign-In Sheet  
Wednesday, March 18, 2015 (8:00 – 10:00 a.m.)**

<b>Present</b>	<b>Name/Organization</b>	<b>Mailing Address</b>	<b>Phone</b>	<b>Email</b>
<input checked="" type="checkbox"/>	Kristy Morter Hennepin County	1600 Prairie Drive Medina, MN 55340	612-596-0384	<a href="mailto:Kristy.Morter@hennepin.us">Kristy.Morter@hennepin.us</a>
<input type="checkbox"/>	Mike Turner SRF Consulting Group	1 Carlson Parkway, Suite 150 Minneapolis, MN 55447	763-249-6717	<a href="mailto:MTurner@SRFConsulting.com">MTurner@SRFConsulting.com</a>
<input checked="" type="checkbox"/>	Jessica Loftus City of Orono	P.O. Box 66 Crystal Bay, MN 55323	952-249-4601	<a href="mailto:JLoftus@ci.orono.mn.us">JLoftus@ci.orono.mn.us</a>
<input checked="" type="checkbox"/>	Scott Weske City of Long Lake	P.O. Box 606 Long Lake, MN 55356	952-473-6961x2	<a href="mailto:SWeske@longlakemn.gov">SWeske@longlakemn.gov</a>
<input checked="" type="checkbox"/>	Nate Will SRF Consulting Group	1 Carlson Parkway, Suite 150 Minneapolis, MN 55447	763-249-6761	<a href="mailto:NWill@SRFConsulting.com">NWill@SRFConsulting.com</a>
<input type="checkbox"/>	Adam Edwards City of Orono	P.O. Box 66 Crystal Bay, MN 55323	952-249-4661	<a href="mailto:AEdwards@ci.orono.mn.us">AEdwards@ci.orono.mn.us</a>
<input checked="" type="checkbox"/>	Liz Olson Long Lake City Council	P.O. Box 606 Long Lake, MN 55356		<a href="mailto:lolson@longlakemn.gov">lolson@longlakemn.gov</a>
<input checked="" type="checkbox"/>	Donny Chillstrom Long Lake Mayor	P.O. Box 606 Long Lake, MN 55356	612-710-0569	<a href="mailto:dchillstrom@longlakemn.gov">dchillstrom@longlakemn.gov</a>
<input type="checkbox"/>	Tom Skjaret Long Lake Resident			
<input checked="" type="checkbox"/>	Lili McMillan Orono Mayor	P.O. Box 66 Crystal Bay, MN 55323	612-840-8484	<a href="mailto:lmcmillan@ci.orono.mn.us">lmcmillan@ci.orono.mn.us</a>
<input type="checkbox"/>	Jeanne Mabusth Orono Resident	740 Brown Road N Orono, MN	952-476-0578	<a href="mailto:jamabusth@mchsi.com">jamabusth@mchsi.com</a>

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Final Design – Phase 1  
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	<b>Name/Organization</b>	<b>Mailing Address</b>	<b>Phone</b>	<b>Email</b>
<input type="checkbox"/>	Marty Schneider Long Lake City Council	1176 W. Wayzata Blvd. Long Lake, MN 55356	612-237-3843	<a href="mailto:martyexplore@msn.com">martyexplore@msn.com</a>
<input checked="" type="checkbox"/>	Tim Bruers Hennepin County	1600 Prairie Drive Medina, MN 55340	612-596-0393	<a href="mailto:Timothy.Bruers@hennepin.us">Timothy.Bruers@hennepin.us</a>
<input checked="" type="checkbox"/>	Michael Jischke SRF Consulting Group	1 Carlson Parkway, Suite 150 Minneapolis, MN 55447	763-267-6600	<a href="mailto:mjischke@srfconsulting.com">mjischke@srfconsulting.com</a>
<input type="checkbox"/>	Jim Cornick Orono City Council	Box 66 Crystal Bay, MN 55323	952-300-0954	<a href="mailto:jcornickjr@ci.orono.mn.us">jcornickjr@ci.orono.mn.us</a>
<input checked="" type="checkbox"/>	Jahn Dyvik Long Lake City Council	1780 Martha Lane Long Lake, MN 55356	612-202-7391	<a href="mailto:jdyvik@longlakemn.gov">jdyvik@longlakemn.gov</a>
<input type="checkbox"/>	Marv Wurzer Long Lake Public Works	450 Virginia Ave. Long Lake, MN 55356	612-720-4261	<a href="mailto:mwurzer@longlakemn.gov">mwurzer@longlakemn.gov</a>
<input type="checkbox"/>				



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County Project No. 091101

**CSAH 112 – Phase 1  
Project Advisory Committee (PAC) Meeting  
March 18, 2015; 8:00 am – 10:00 am  
Orono City Hall  
AGENDA**

1. Introductions: *(5 Minutes)*
2. Review of February 18, 2015 Project Advisory Committee Meeting Record: *(5 Minutes)*
3. Review of Previous Action Items: *(10 Minutes)*

<b>Task</b>	<b>Responsible Party</b>	<b>Due Date</b>	<b>Resolution</b>
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Scott Weske to research the tree replacement requirements for the City of Long Lake and report back at the February PAC meeting.	Scott Weske	3/18/15	Ongoing, Scott & Marv will discuss and report back.
City of Long Lake to develop and pass resolution to ban parking along both sides of Martha Lane and along Symes Street adjacent to the Nelson Lakeside Park.	Scott Weske	4/15/15	Ongoing, see discussion below
The City will provide a contact name, phone number and address for the final delivery location of the light poles to be salvaged.	Scott Weske	5/01/15	
SRF to update project website ( <a href="http://www.csah112.com">www.csah112.com</a> ) to include meeting record for PAC meeting held on 1/21/15.	Nate Will	2/10/15	Completed
SRF to develop options to enhance the main intersection sidewalk corners with colored concrete to complement the typical proposed walk materials which include exposed aggregate and standard gray concrete.	Michael Jischke	3/13/15	
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SRF to layout preliminary lighting locations to provide trail lighting along Lake Street, Symes Street and lights at either end of the proposed trail connection from Mill Street to Martha Lane.	Nate Will	3/13/15	
SRF to review possibility of adding a 4" or 6" curb along the front of the retaining walls to protect walls from nicks and scratches from City plowing operations.	Nate Will	3/13/15	
The City of Long Lake will forward to SRF a sketch showing the proposed lighting layout along Lake and Symes Street.	Donny Chillstrom	2/28/15	Completed
SRF to report back to the PAC with estimated costs for potential burial of overhead utility lines in Phase 1 for Orono and Long Lake.	Nate Will	3/13/15	

4. Discussion Items: *(60 Minutes)*

- a. Review revised streetscape layout and details including proposed tree locations, gateway monument, railing options and enhanced pedestrian ramp areas.
- b. Parking options along Martha Lane.
- c. Curb protection along walls.
- d. Display lighting luminaire
- e. Public Open House

Preferred date is Wednesday, April 22, 2015 from 4:30 pm to 6:30 pm

Items to display at open house

5. Update of ongoing design efforts *(5 Minutes)*

- i. Final Design
- ii. Utility Coordination
- iii. Environmental Investigation

6. Open Discussion (*5 Minutes*)

7. Follow Up Items/Action Items: (*5 Minutes*)

Task	Responsible Party	Due Date	Resolution

8. Upcoming Meetings:

- a. PMT Meeting: May 7, 2015; 1:00 pm – 2:30 pm
- b. PAC Meeting: April 15, 2015; 8:00 am – 10:00 am



**KEY**

	Bituminous
	Concrete Walk
	Enhanced Concrete Walk (Furnishing Zone)
	Turf Boulevard
	Deciduous Canopy Tree
	Ornamental Tree
	Retaining Wall
	Ornamental Railing or Decorative Fence
	Gateway Monument
	Bench
	Bike Rack
	Light Pole w/ Decorative Fixture
	Light Pole w/ Cobra Fixture
	Pedestrian Crossing Signal
	Section Cut

0 15 30 60 feet

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### Details

- Ornamental Metal Railing with Signage
- Architectural Precast Signage and Caps
- Brick Masonry
- Landscape Plantings

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### Details

- Ornamental Metal Railing with Signage
- Architectural Precast Signage and Caps
- Brick Masonry
- Landscape Plantings

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### Details

- Architectural Precast Signage and Caps
- Brick Masonry
- Landscape Plantings

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Details

- Steel Construction
- 4" Sq. Posts, 2" Sq. Rails, 3/4" Sq. Solid Pickets, Arch Bracket
- Painted Black
- Mounted on Concrete Curb

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Details

- Steel Construction
- 4" Sq. Posts, 2" Sq. Rails, 3/4" Sq. Solid Pickets
- Painted Black
- Mounted on Concrete Curb

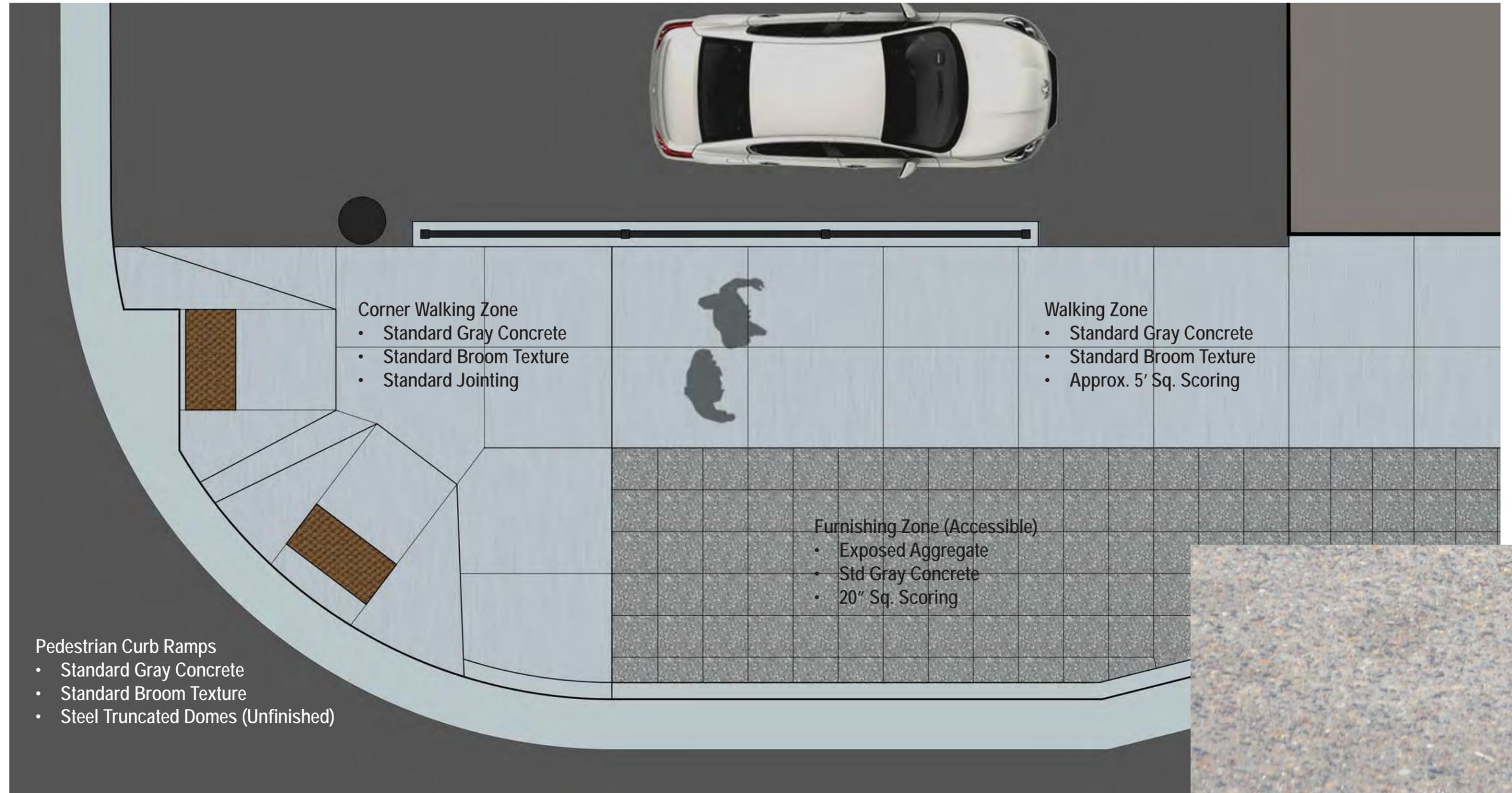
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Details

- Steel Construction
- 4" Sq. Posts, 2" Sq. Rails, 3/4" Sq. Solid Pickets, Scroll Motif
- Painted Black
- Mounted on Concrete Curb

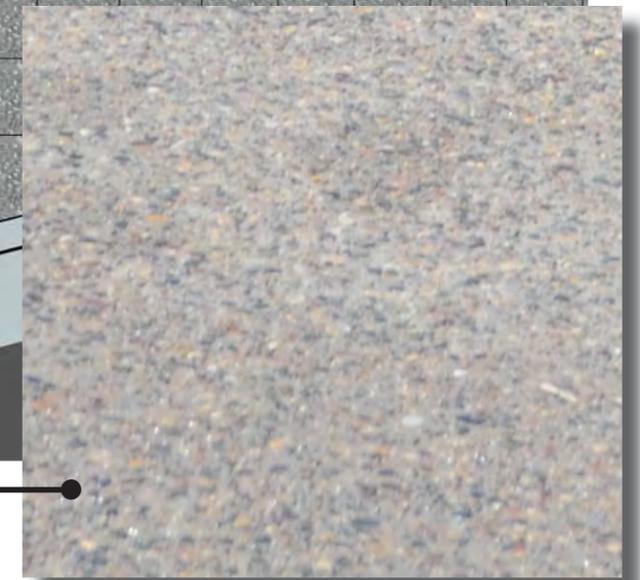
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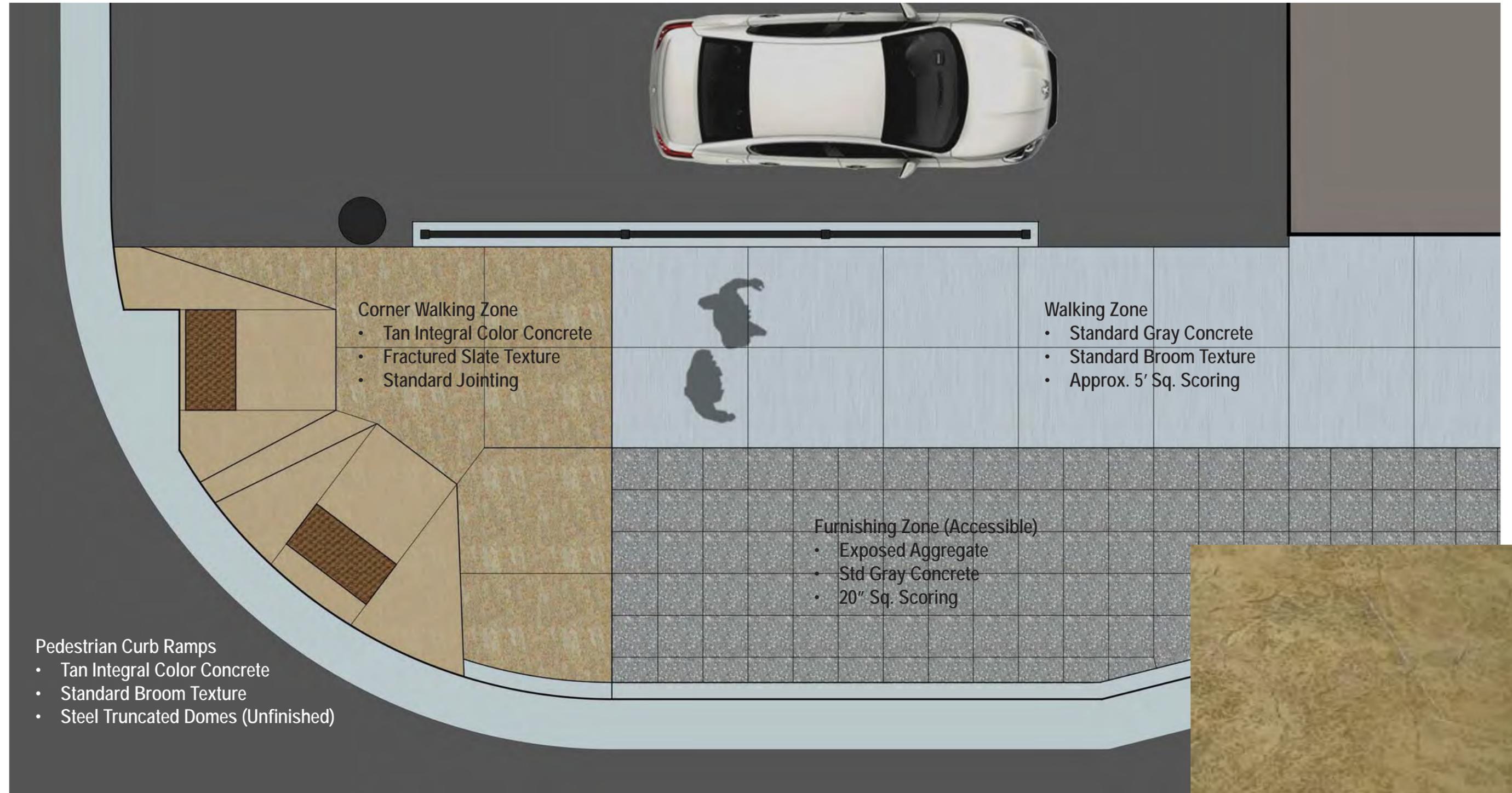
Plan View

Color and Texture Detail

- Exposed Aggregate
- Std Gray Concrete



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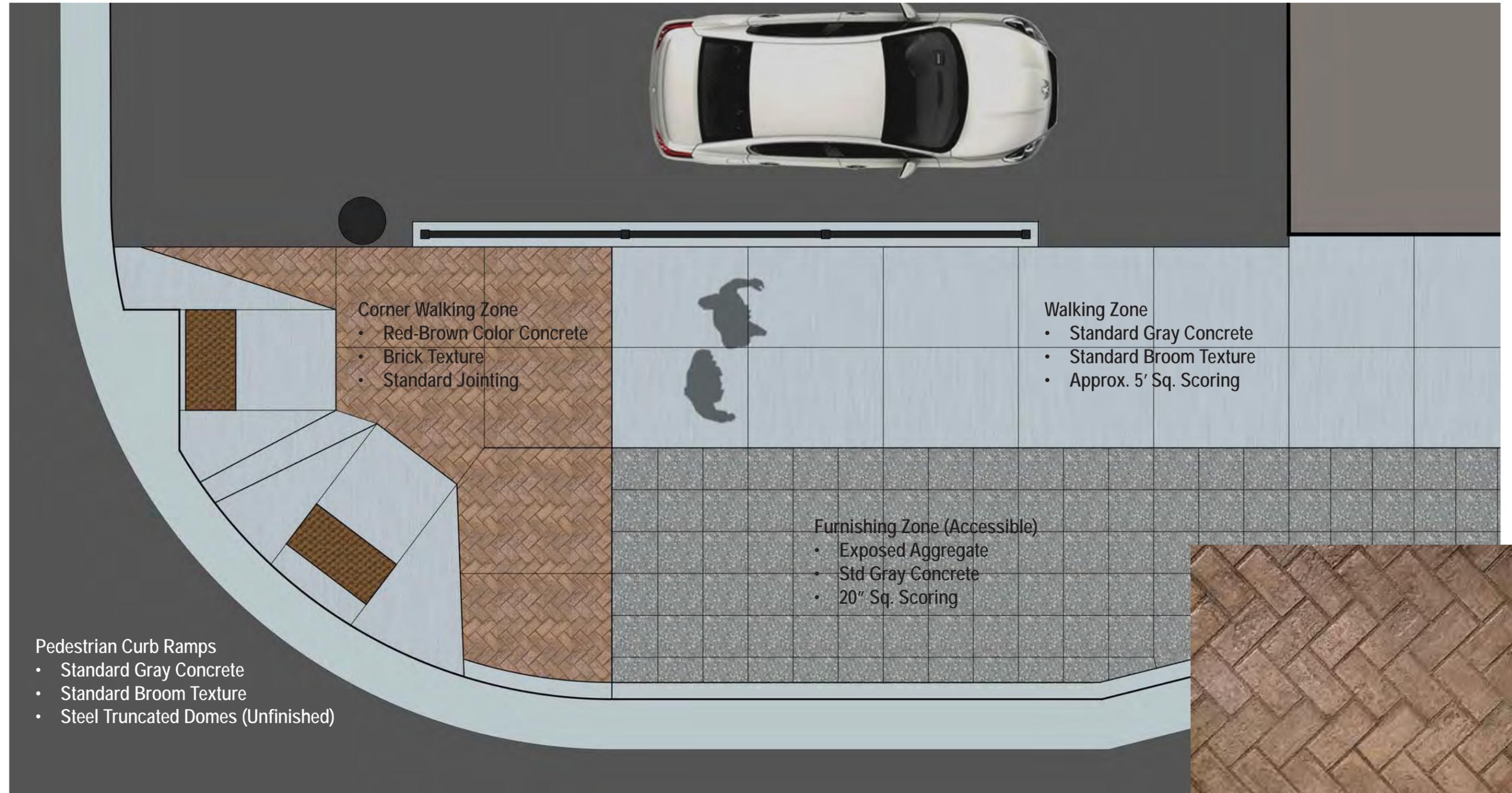
Plan View

**Color and Texture Detail**

- Tan Integral Color Concrete
- Fractured Slate Texture



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**Corner Walking Zone**

- Red-Brown Color Concrete
- Brick Texture
- Standard Jointing

**Walking Zone**

- Standard Gray Concrete
- Standard Broom Texture
- Approx. 5' Sq. Scoring

**Furnishing Zone (Accessible)**

- Exposed Aggregate
- Std Gray Concrete
- 20" Sq. Scoring

**Pedestrian Curb Ramps**

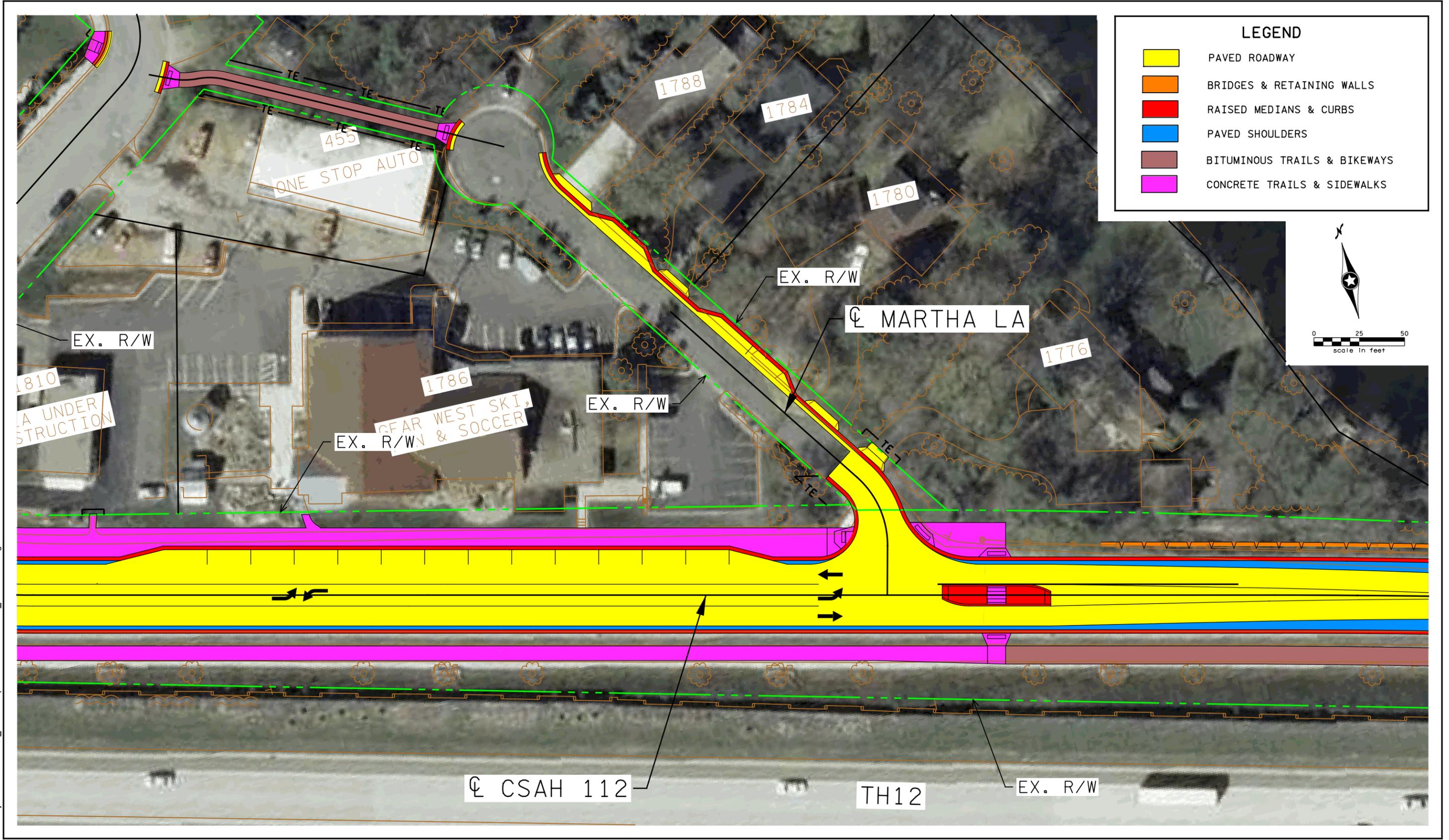
- Standard Gray Concrete
- Standard Broom Texture
- Steel Truncated Domes (Unfinished)

**Color and Texture Detail**

- Red-Brown Color Concrete
- Brick Texture

Plan View

DRAFT



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**CSAH 112, HENNEPIN COUNTY**  
 PARKING STALLS ON MARTHA LANE  
 CITY OF LONG LAKE

**Figure 1**