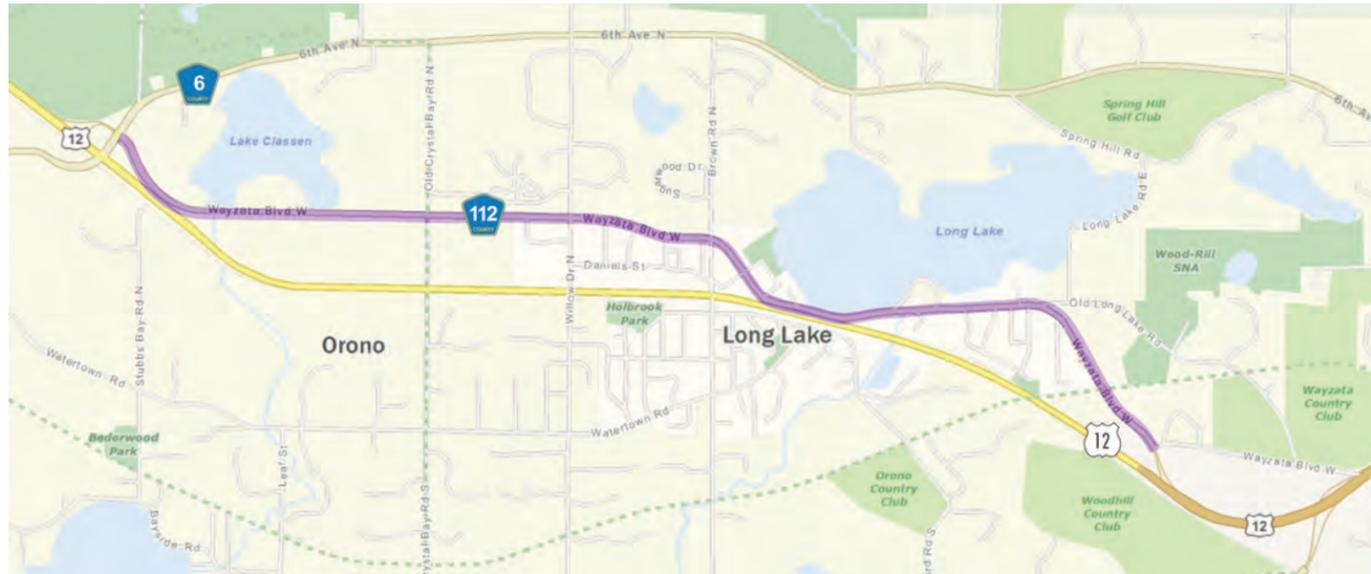


Project Area Map



Open House To Do List:

- Sign in
- Visit with Hennepin County staff and design team
- Learn about ongoing project process and schedule
- Visit project segment displays
 - Corridor improvement layouts & revisions based on previous public input
 - Streetscape Enhancement Concepts
 - Corridor Improvement Concepts
- Review Concept Costs
- Complete and submit a comment form

For more information please visit:

www.CSAH112.com

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 Hennepin County Transportation Department
 1600 Prairie Drive
 Medina, MN 55340
 612-596-0307
 James.Grube@co.hennepin.mn.us

Mike Turner
 SRF Consulting Group, Inc.
 One Carlson Parkway, Suite 150
 Plymouth, MN 55447
 763.475.0010
 mtturner@srfconsulting.com

Notes:



PRELIMINARY DESIGN OF WAYZATA BOULEVARD IMPROVEMENTS (CSAH 112)



PUBLIC OPEN HOUSE

Project Background

County State Aid Highway (CSAH) 112, formerly Old Trunk Highway (TH) 12, was originally constructed as part of the State's trunk highway system. In the mid to late 2000s, MnDOT built the TH 12 bypass, and in 2011 returned jurisdiction of old TH 12 (current CSAH 112/West Wayzata Boulevard) to Hennepin County. As part of the TH 12 project, the roadway was overlain with bituminous to temporarily correct poor pavement surfaces. Other significant improvements of the corridor were not performed as part of MnDOT's TH 12 construction project.

A former trunk highway, the roadway was primarily designed for efficient traffic movement through the corridor, and does not adequately address many local priorities (such as pedestrian mobility and safety, parking, bicycle trail connectivity, and access).

Project Status

Over the last thirteen months, Hennepin County, the City of Long Lake and the City of Orono have been working with stakeholders through a variety of methods to identify the community's corridor priorities and develop roadway corridor concepts that balance the efficient transportation of vehicles, pedestrians, and bicycles with safety, convenience and the costs of construction and ongoing maintenance.

An open house meeting, to introduce the project to the public and gather information about community values for the corridor, was held on August 9, 2012. The project team, working with city staff, a Project Advisory Committee and using information gathered from the first open house meeting developed improvement concepts for consideration at an Open House meeting held on March 20, 2013. With input from the March meeting, the team further refined a concept layout for presentation at this July open house meeting. Following this meeting, the Preliminary Layout will be developed for consideration by the City Council in late 2013 or early 2014.

Overall Schedule

- Preliminary Design: May 2012 - November 2013
- Layout Approval: November 2013 - March 2014
- Final Design: 2014 - 2016
- Construction: 2017 - 2021

Next Public Open House

- View Refined Preliminary Layout (Tentative)

October 2013



Existing Conditions

Existing condition looking east along the north side of Symes Street at Lake Street



Additional Trail

Additional trail and sidewalk construction can occur to fill gaps in the pedestrian network. (This is a discretionary spending item and the cost will be shared by the County and City based on policy.)



Additional Lighting

Additional lighting can occur within the corridor to change the character and image of the roadway while providing safety benefits. (This is a discretionary spending item and the cost will be shared by the County and City based on policy.)



Existing Conditions

Existing Conditions looking East along the North side of Wayzata Blvd. (CSAH 112) at Lake Street.



Base Construction Project

The base construction project includes the reconstruction of the roadway and pedestrian facilities within the project limits. (The bulk of the base construction cost will be paid with MnDOT funds.)



Streetscape

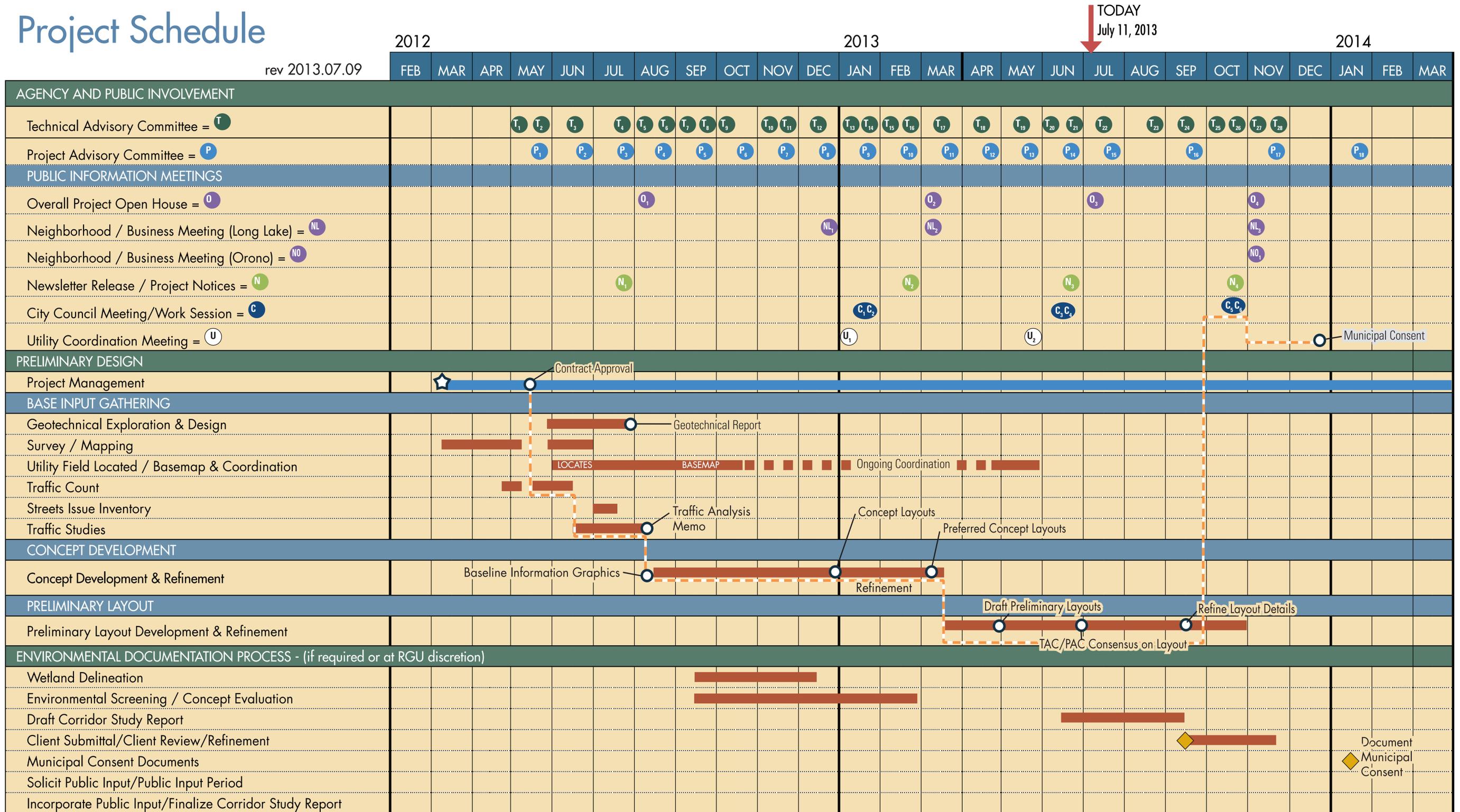
Streetscape elements can be added to the project corridor at a variety of levels to improve aesthetics and create a sense of place. (This is a discretionary spending item and the cost will be shared by the County and City based on policy.)

Overall Schedule

Preliminary Design: May 2012 - November 2013
 Layout Approval: November 2013 - January 2014
 Final Design: 2014 - 2016
 Construction: 2017 - 2021

Project Schedule

rev 2013.07.09



☆ = Notice to Proceed ○ = KEY PROJECT MILESTONES / DELIVERABLES - - - = CRITICAL PATH

Cost Estimate Summary

March 20, 2103 Open House
Cost Summary

SEGMENT 1 (CSAH 6 to Old Crystal Bay Rd)

Base Construction Cost	\$4,067,100
Additional Trail & Sidewalk	\$113,000
Additional Lighting	\$6,900
Streetscape	\$59,800
Utility Burial	

\$3,766,700
\$1,515,400
\$6,900
\$64,200
\$587,500

Subtotal - Segment 1	\$4,246,800
----------------------	-------------

\$5,940,700

SEGMENT 2 (Old Crystal Bay Rd to Brown Rd)

Base Construction Cost	\$8,401,100
Additional Trail & Sidewalk	\$361,300
Additional Lighting	\$265,600
Streetscape	\$82,800
Utility Burial	

\$7,446,500
\$1,309,800
\$265,700
\$355,700
\$625,000

Subtotal - Segment 2	\$9,110,800
----------------------	-------------

\$10,002,700

SEGMENT 3 (Brown Rd to Cemetery Rd)

Base Construction Cost	\$8,382,600
Additional Trail & Sidewalk	\$326,800
Additional Lighting	\$215,100
Streetscape	\$513,400
Utility Burial	\$103,750

\$8,112,900
\$423,400
\$215,100
\$446,500
\$162,500

Subtotal - Segment 3	\$9,541,650
----------------------	-------------

\$9,360,400

SEGMENT 4 (Cemetery Rd to Wayzata Blvd)

Base Construction Cost	\$7,117,900
Additional Trail & Sidewalk	\$142,500
Additional Lighting	\$18,400
Streetscape	\$209,700
Utility Burial	\$882,250

\$8,596,100
\$984,700
\$18,400
\$182,300
\$862,500

Subtotal - Segment 4	\$8,370,750
----------------------	-------------

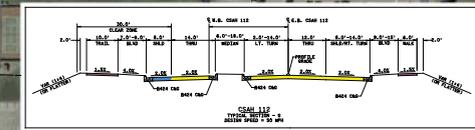
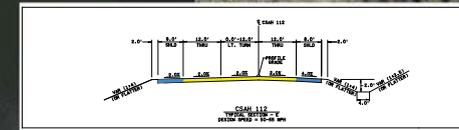
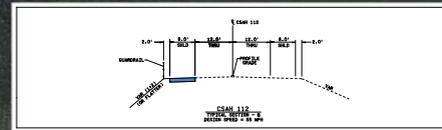
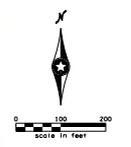
\$10,644,000

Total Base Project Cost	\$27,968,700
Total Project Cost	\$31,270,000

\$27,922,200
\$35,947,800

Green Text indicates discretionary project elements. Discretionary spending item cost will be shared by the County and City based on policy.

CONCEPT LAYOUT - SEGMENT I



LEGEND

- PAVED ROADWAY
- SHOULDER STABILIZATION
- RETAINING WALL
- RAISED MEDIANS & CURBS
- PAVED SHOULDER
- RETAINING WALLS & SIDEWAYS
- CONCRETE SIDEWALK
- FUTURE CONSTRUCTION "BY OTHERS"
- PROPOSED PONDING LOCATION
- PROPOSED TRAFFIC SIGNAL
- DRY CHAMBER
- LIGHTING UNIT
- LANDSCAPE FEATURE WITH PLANTINGS
- BOUNDARY
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- PROPOSED CONSTRUCTION LIMITS
- WETLAND

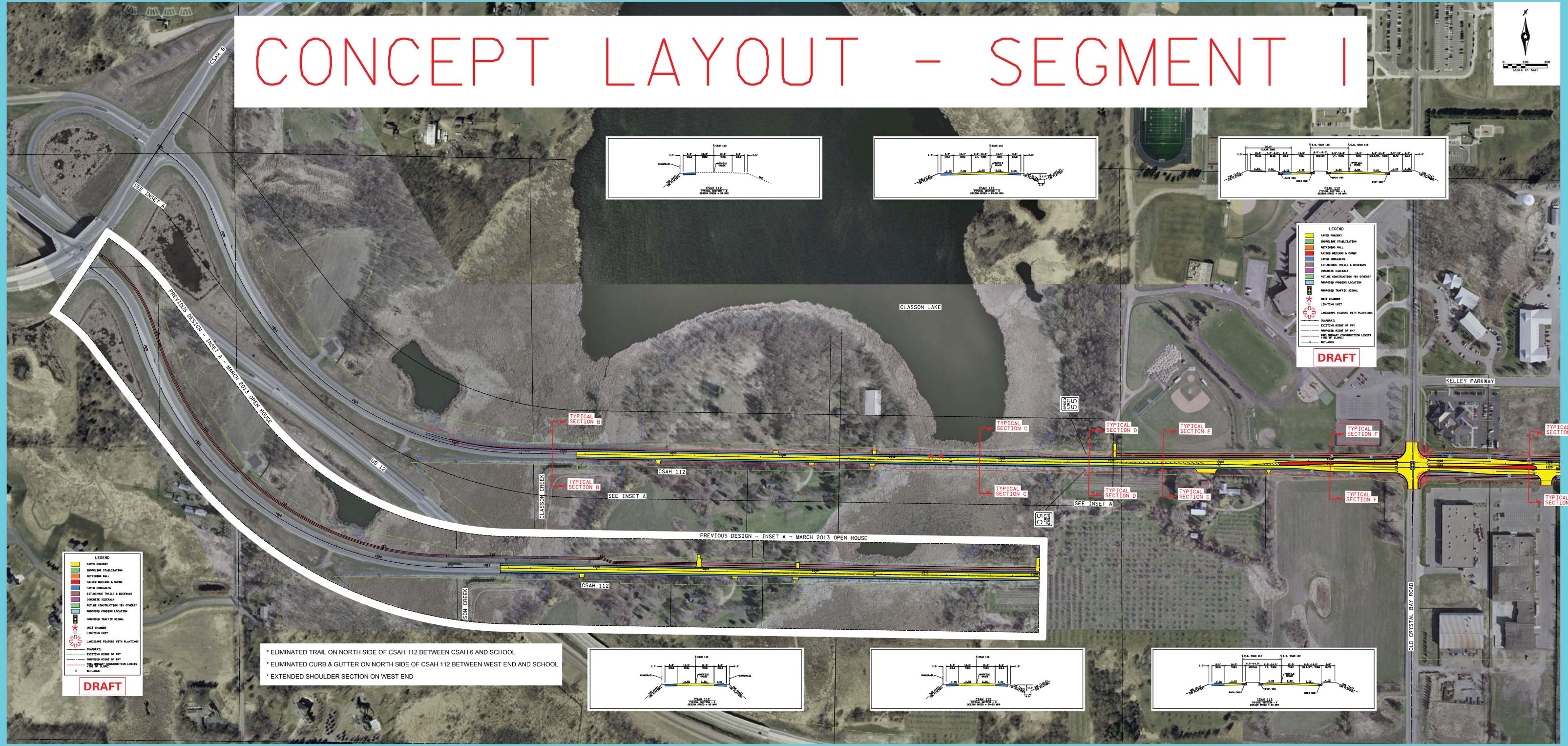
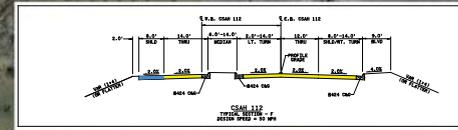
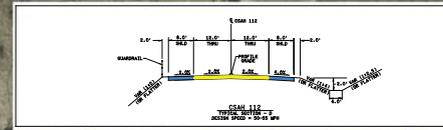
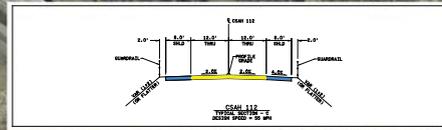
DRAFT

LEGEND

- PAVED ROADWAY
- SHOULDER STABILIZATION
- RETAINING WALL
- RAISED MEDIANS & CURBS
- PAVED SHOULDER
- RETAINING WALLS & SIDEWAYS
- CONCRETE SIDEWALK
- FUTURE CONSTRUCTION "BY OTHERS"
- PROPOSED PONDING LOCATION
- PROPOSED TRAFFIC SIGNAL
- DRY CHAMBER
- LIGHTING UNIT
- LANDSCAPE FEATURE WITH PLANTINGS
- BOUNDARY
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- PROPOSED CONSTRUCTION LIMITS
- WETLAND

DRAFT

- * ELIMINATED TRAIL ON NORTH SIDE OF CSAH 112 BETWEEN CSAH 6 AND SCHOOL
- * ELIMINATED CURB & GUTTER ON NORTH SIDE OF CSAH 112 BETWEEN WEST END AND SCHOOL
- * EXTENDED SHOULDER SECTION ON WEST END



SEGMENT 1 (CSAH 6 to Old Crystal Bay Rd)		TOTALS	TURNBACK FUNDS	HENNEPIN COUNTY	CITY OF ORONO	CITY OF LONG LAKE
Base	Construction ^①	\$4,063,800	\$4,063,800			
	R/W	\$3,300	\$3,300			
	Subtotal	\$4,067,100	\$4,067,100	\$0	\$0	\$0.0
Additional Trail & Sidewalk	Construction ^①	\$43,600		\$21,800	\$21,800	
	R/W	\$69,400		\$34,700	\$34,700	
	Subtotal	\$113,000	\$0	\$56,500	\$56,500	\$0.0
Priority 1	Streetscape (Gateway Only) ^①	\$59,800			\$59,800	
Priority 2	Additional Lighting ^①	\$6,900			\$6,900	
Subtotal - Segment 1		\$4,246,800	\$4,067,100	\$56,500	\$123,200	\$0

Green Text indicates 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.

① Construction cost includes 18% Engineering and Construction Administration.



Before: Crystal Bay Road Intersection
Looking West



1 Crystal Bay Road Intersection – Base Construction Project
Corner treatment

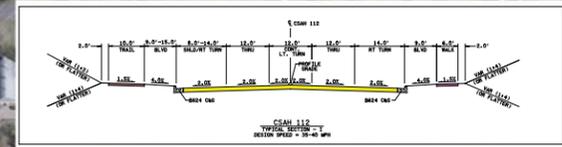
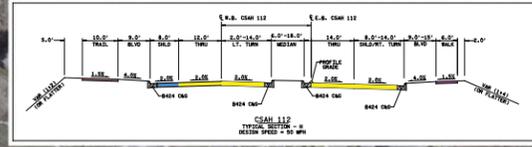
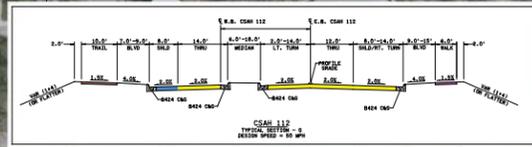


2 Crystal Bay Road Intersection – Additional Trail and Sidewalk
Corner treatment and trail



3 Crystal Bay Road Intersection – Streetscape and Lighting
Corner treatment, trail, lighting and gateway elements

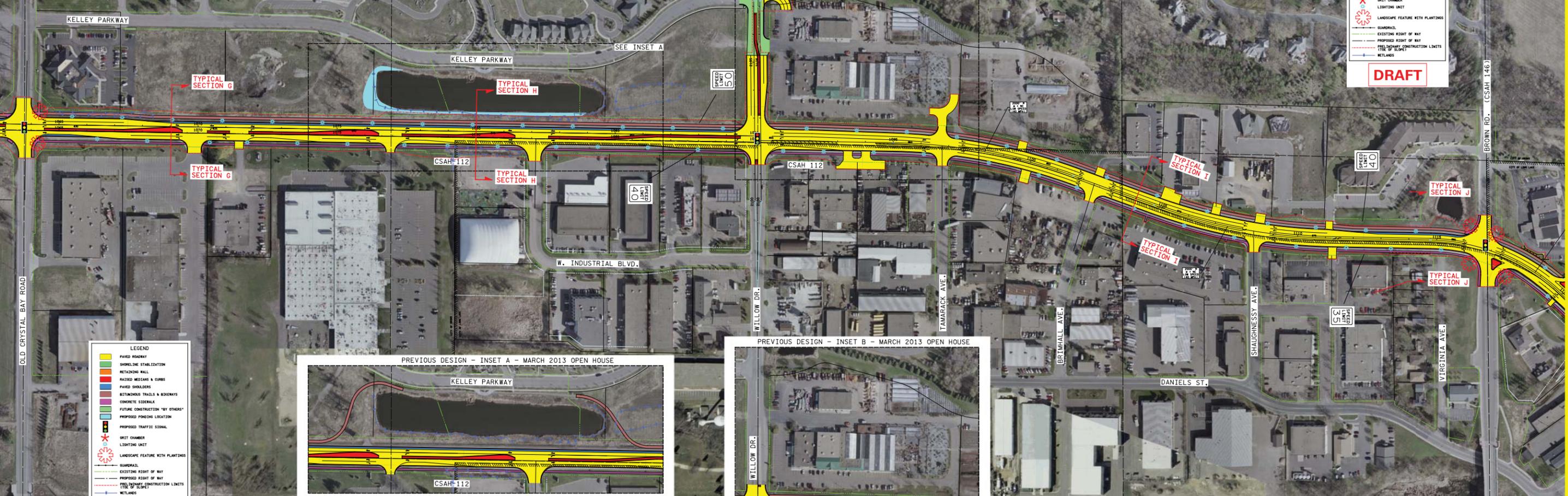
CONCEPT LAYOUT - SEGMENT 2



LEGEND

- █ PAVED ROADWAY
- █ SHOULDER STABILIZATION
- █ RETAINING WALL
- █ RAISED MEDIANS & CURBS
- █ PAVED SHOULDERS
- █ BITUMINOUS TRAILS & BIKEWAYS
- █ CONCRETE SIDEWALK
- █ FUTURE CONSTRUCTION "BY OTHERS"
- █ PROPOSED PONDING LOCATION
- █ PROPOSED TRAFFIC SIGNAL
- █ GRIET CHAMBER
- █ LIGHTING UNIT
- █ LANDSCAPE FEATURE WITH PLANTINGS
- █ GROUNDWATER
- █ EXISTING RIGHT OF WAY
- █ PROPOSED RIGHT OF WAY
- █ PRELIMINARY CONSTRUCTION LIMITS (TYPE OF PLANET)
- █ WETLANDS

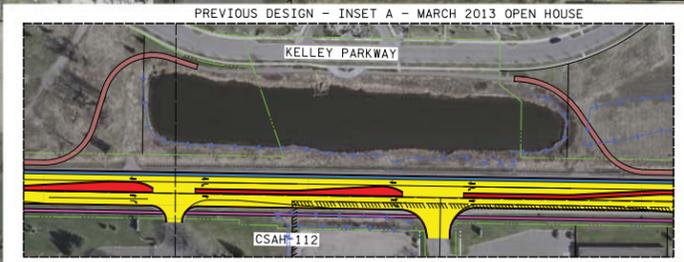
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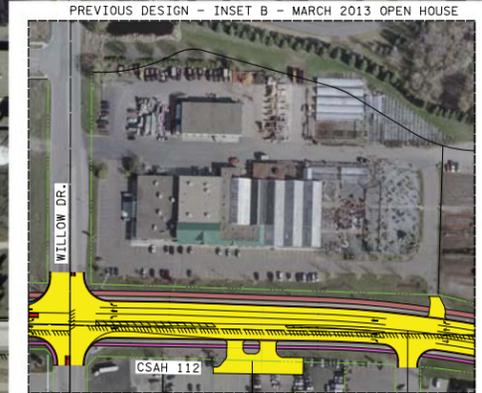
LEGEND

- █ PAVED ROADWAY
- █ SHOULDER STABILIZATION
- █ RETAINING WALL
- █ RAISED MEDIANS & CURBS
- █ PAVED SHOULDERS
- █ BITUMINOUS TRAILS & BIKEWAYS
- █ CONCRETE SIDEWALK
- █ FUTURE CONSTRUCTION "BY OTHERS"
- █ PROPOSED PONDING LOCATION
- █ PROPOSED TRAFFIC SIGNAL
- █ GRIET CHAMBER
- █ LIGHTING UNIT
- █ LANDSCAPE FEATURE WITH PLANTINGS
- █ GROUNDWATER
- █ EXISTING RIGHT OF WAY
- █ PROPOSED RIGHT OF WAY
- █ PRELIMINARY CONSTRUCTION LIMITS (TYPE OF PLANET)
- █ WETLANDS

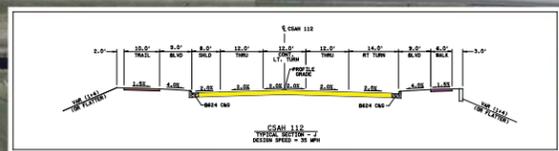
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* REALIGNED TRAIL TO RUN ALONG CSAH 112 AND ELIMINATED TRAIL AROUND POND



* CONSTRUCTION BY OTHERS ADDED
 * EXTENDED CONSTRUCTION OF WILLOW DRIVE
 * REVISION TO OTTEN BRO. ENTRANCE



SEGMENT 2 (Old Crystal Bay Rd to Brown Rd)		TOTALS	TURNBACK FUNDS	HENNEPIN COUNTY	CITY OF ORONO	CITY OF LONG LAKE
Base	Construction ^①	\$8,234,800	\$8,234,800			
	R/W	\$166,300	\$166,300			
	Subtotal	\$8,401,100	\$8,401,100	\$0	\$0	\$0.0
Additional Trail & Sidewalk	Construction ^①	\$205,100		\$102,600	\$76,800	\$25,700
	R/W	\$156,200		\$118,400	\$37,800	\$0
	Subtotal	\$361,300	\$0	\$221,000	\$114,600	\$25,700
Priority 2	Additional Lighting ^①	\$265,600			\$188,600	\$77,000
Priority 3	Streetscape (Gateway Only) ^①	\$82,800			\$20,700	\$62,100
Subtotal - Segment 2		\$9,110,800	\$8,401,100	\$221,000	\$323,900	\$164,800

Green Text indicates 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.

① Construction cost includes 18% Engineering and Construction Administration.



Before: Crystal Bay Road Intersection
Looking East



1 Crystal Bay Road Intersection – Base Construction Project
Corner treatment



2 Crystal Bay Road Intersection – Additional Trails and Sidewalks
Corner treatment and trail



3 Crystal Bay Road Intersection – Lighting
Corner treatment, trail and new lighting



4 Crystal Bay Road Intersection – Streetscape
Corner treatment, trail, new lighting and gateway elements

CONCEPT LAYOUT - SEGMENT 3

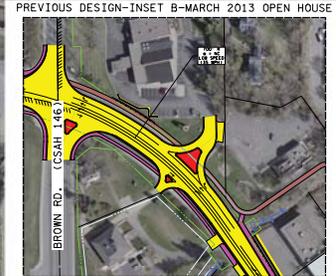
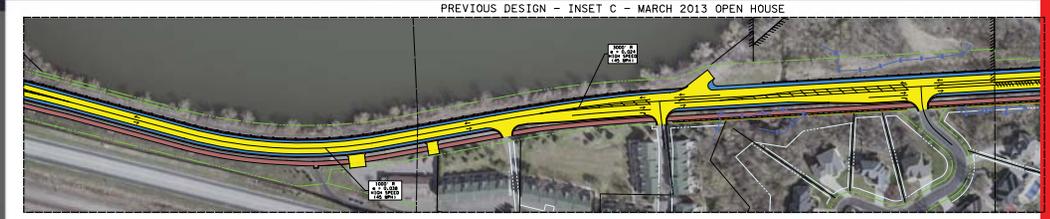


LEGEND

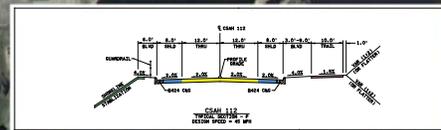
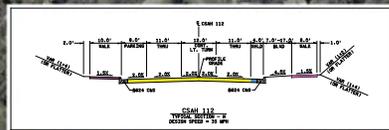
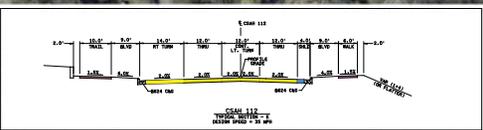
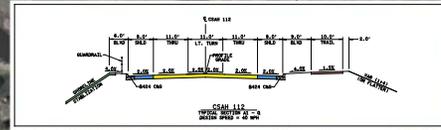
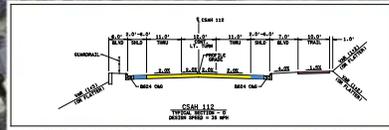
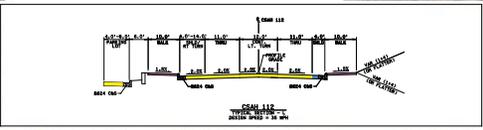
- PAVED ROADWAY
- SHOULDER STABILIZATION
- RETAINING WALL
- RAISED MEDIANS & CURBS
- PAVED SHOULDER
- RETAINING WALLS & SIDEWAYS
- CONCRETE SIDEWALK
- FUTURE CONSTRUCTION "BY OTHERS"
- PROPOSED FORDING LOCATION
- PROPOSED TRAFFIC SIGNAL
- WET CHAMBER LIGHTING UNIT
- LANDSCAPE FEATURE WITH PLANTINGS
- BOUNDARY
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- PROPOSED CONSTRUCTION LIMITS
- WETLANDS

DRAFT

- * REDUCED SPEED FROM 45 MPH TO 40 MPH
- * LANE WIDTH CHANGED FROM 12 LANE TO 11 LANES
- * RIGHT TURN LANES ELIMINATED
- * RETAINING WALL LENGTH AND HEIGHT REDUCED IN SIZE



- * ADDITIONAL LEFT TURN LANE ADDED
- * RIGHT IN RIGHT OUT ENTRANCE CHANGED TO 3/4 ENTRANCE



LEGEND

- PAVED ROADWAY
- SHOULDER STABILIZATION
- RETAINING WALL
- RAISED MEDIANS & CURBS
- PAVED SHOULDER
- RETAINING WALLS & SIDEWAYS
- CONCRETE SIDEWALK
- FUTURE CONSTRUCTION "BY OTHERS"
- PROPOSED FORDING LOCATION
- PROPOSED TRAFFIC SIGNAL
- WET CHAMBER LIGHTING UNIT
- LANDSCAPE FEATURE WITH PLANTINGS
- BOUNDARY
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- PROPOSED CONSTRUCTION LIMITS
- WETLANDS

DRAFT

SEGMENT 3 (Brown Rd to Cemetery Rd)		TOTALS	TURNBACK FUNDS	HENNEPIN COUNTY	CITY OF ORONO	CITY OF LONG LAKE
Base	Construction ^①	\$8,030,400	\$8,030,400			
	R/W	\$352,200	\$352,200			
	Subtotal	\$8,382,600	\$8,382,600	\$0	\$0	\$0.0
Additional Trail & Sidewalk	Construction ^①	\$184,200		\$92,100		\$92,100
	R/W	\$142,600		\$142,600		\$0
	Subtotal	\$326,800	\$0	\$234,700	\$0	\$92,100
Priority 1	Additional Lighting ^①	\$215,100				\$215,100
	Streetscape ^①	\$513,400				\$513,400
	Utility Full Burial	\$103,750				\$103,750
Subtotal - Segment 3		\$9,541,650	\$8,382,600	\$234,700	\$0	\$924,350

Green Text indicates 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.

① Construction cost includes 18% Engineering and Construction Administration.



Before: Village Center



1 Village Center – Base Construction Project
Corner treatment and lighting



2 Village Center – Streetscape
Streetscape amenities including colored concrete, trees, planting beds, walls, bike racks and bollards



Before: Symes Road

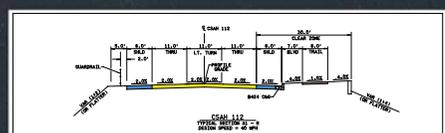
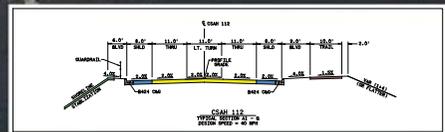
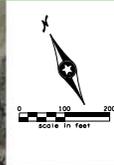


1 Symes Road – Additional Trails and Sidewalk
New trail at edge of park



2 Symes Road – Lighting
New trail at edge of park and lighting

CONCEPT LAYOUT - SEGMENT 4



LEGEND

- █ PAVED ROADWAY
- █ SHOULDER STABILIZATION
- █ RETAINING WALL
- █ RAISED MEDIANS & CURBS
- █ PAVED SHOULDERS
- █ BITUMINOUS TRAILS & BIWAYS
- █ CONCRETE SIDEWALK
- █ FUTURE CONSTRUCTION "BY OTHERS"
- █ PROPOSED PONDING LOCATION
- █ PROPOSED TRAFFIC SIGNAL
- █ SPLIT CHAMBER
- █ LIGHTING UNIT
- █ LANDSCAPE FEATURE WITH PLANTINGS
- █ GUARDRAIL
- █ EXISTING RIGHT OF WAY
- █ PROPOSED RIGHT OF WAY
- █ FUTURE CONSTRUCTION LIMITS
- █ WETLANDS

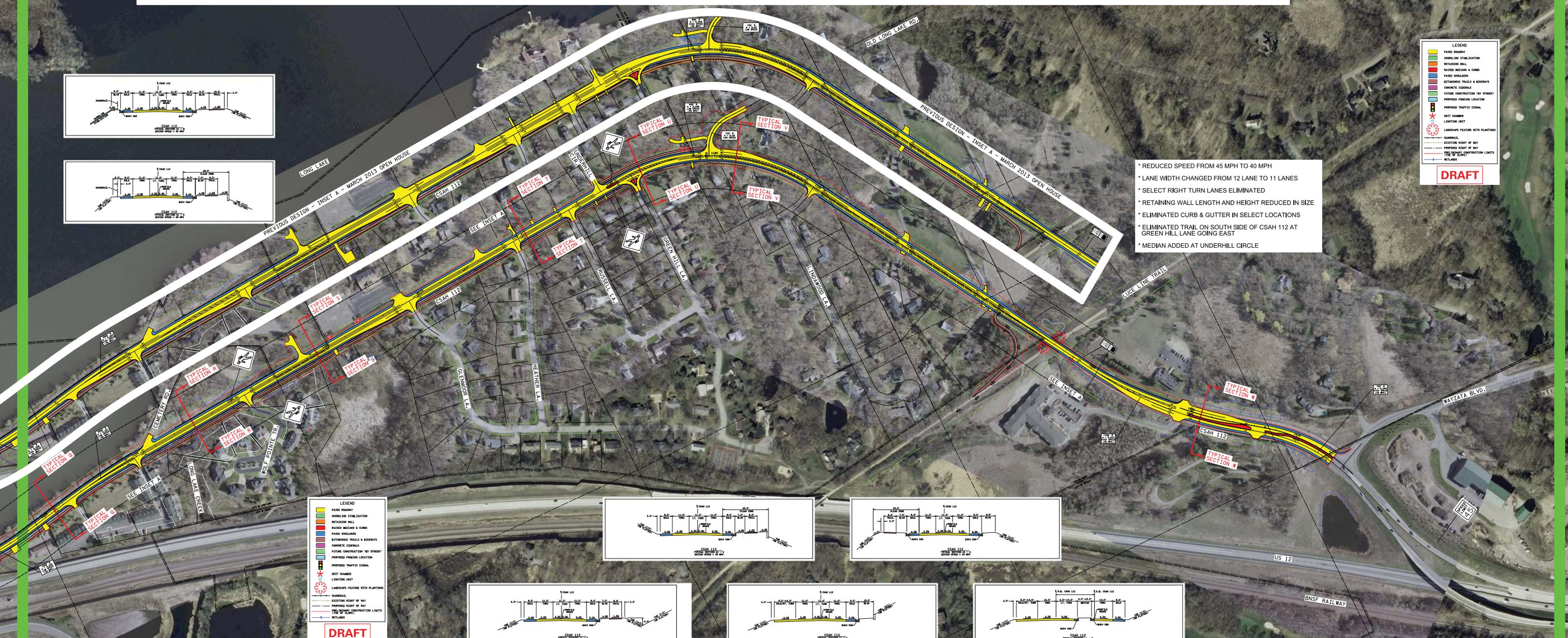
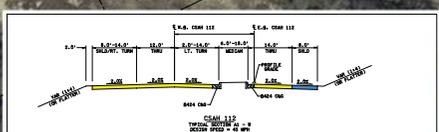
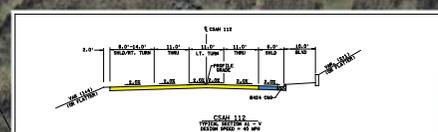
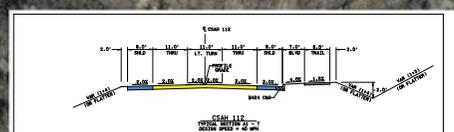
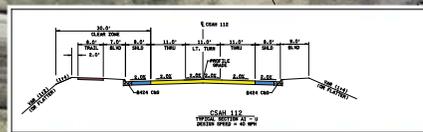
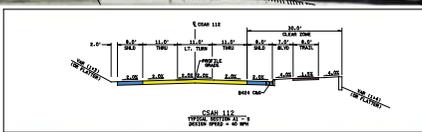
DRAFT

- * REDUCED SPEED FROM 45 MPH TO 40 MPH
- * LANE WIDTH CHANGED FROM 12 LANE TO 11 LANES
- * SELECT RIGHT TURN LANES ELIMINATED
- * RETAINING WALL LENGTH AND HEIGHT REDUCED IN SIZE
- * ELIMINATED CURB & GUTTER IN SELECT LOCATIONS
- * ELIMINATED TRAIL ON SOUTH SIDE OF CSAH 112 AT GREEN HILL LANE GOING EAST
- * MEDIAN ADDED AT UNDERHILL CIRCLE

LEGEND

- █ PAVED ROADWAY
- █ SHOULDER STABILIZATION
- █ RETAINING WALL
- █ RAISED MEDIANS & CURBS
- █ PAVED SHOULDERS
- █ BITUMINOUS TRAILS & BIWAYS
- █ CONCRETE SIDEWALK
- █ FUTURE CONSTRUCTION "BY OTHERS"
- █ PROPOSED PONDING LOCATION
- █ PROPOSED TRAFFIC SIGNAL
- █ SPLIT CHAMBER
- █ LIGHTING UNIT
- █ LANDSCAPE FEATURE WITH PLANTINGS
- █ GUARDRAIL
- █ EXISTING RIGHT OF WAY
- █ PROPOSED RIGHT OF WAY
- █ FUTURE CONSTRUCTION LIMITS
- █ WETLANDS

DRAFT



SEGMENT 4 (Cemetery Rd to Wayzata Blvd)		TOTALS	TURNBACK FUNDS	HENNEPIN COUNTY	CITY OF ORONO	CITY OF LONG LAKE
Base	Construction ^①	\$6,884,300	\$6,884,300			
	R/W	\$233,600	\$233,600			
	Subtotal	\$7,117,900	\$7,117,900	\$0	\$0	\$0.0
Additional Trail & Sidewalk	Construction ^①	\$84,800		\$42,400	\$4,300	\$38,100
	R/W	\$57,700		\$57,700	\$0	\$0
	Subtotal	\$142,500	\$0	\$100,100	\$4,300	\$38,100
Priority 1	Additional Lighting ^①	\$18,400			\$6,800	\$11,600
	Streetscape ^①	\$209,700			\$77,600	\$132,100
Priority 2	Utility Full Burial (Cemetery Rd to Seg 3 Boundary)	\$286,250			\$85,000	\$201,250
	Utility Burial (Crossing Only)	\$596,000			\$164,000	\$432,000
Subtotal - Segment 4		\$8,370,750	\$7,117,900	\$100,100	\$337,700	\$815,050

Green Text indicates 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.

① Construction cost includes 18% Engineering and Construction Administration.



Before: Near Russell Ave



1 Near Russell Ave – Base Construction Project
Road realignment



2 Near Russell Ave – Additional Trails and Sidewalks
Road realignment, trail, turf boulevard and curb/gutter



3 Near Russell Ave – Overhead Utility Crossing Burial
Road realignment, trail, turf boulevard, curb/gutter, reduced above-ground utilities



4 Near Russell Ave – Streetscape
Road realignment, trail, turf boulevard, curb/gutter, reduced above-ground utilities and tree plantings



Before: Luce Line Bridge



1 Luce Line Bridge – Base Construction Project
Removal of plant material



2 Luce Line Bridge – Streetscape
Walls and planting beds