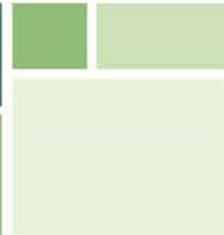
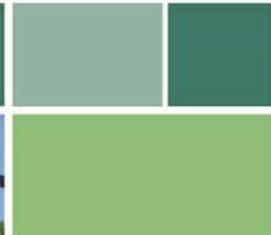


CSAH 3 (2nd Street North) from 3rd Avenue to TH 10

Tuesday May 17, 2016

Concurrence for Bid Award
Benton County/City of Sauk Rapids

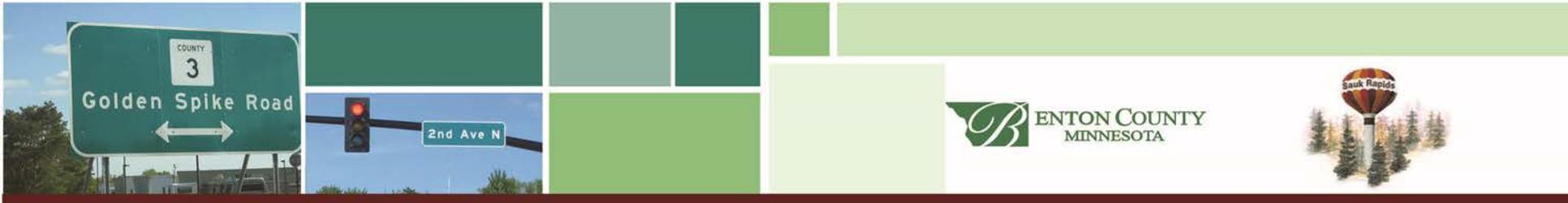


Project Location



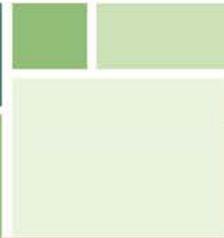
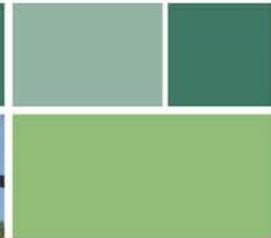
Project Purpose/Goals

- Improve mobility and safety
- Improve access to the Industrial Park
- Provide for pedestrian and bicycle travel
- Provide an adequate connection between US 10 and river crossing (Role of Minor Arterial)
- Improve pavement surface & drainage
- Develop parkway design

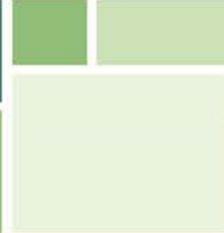
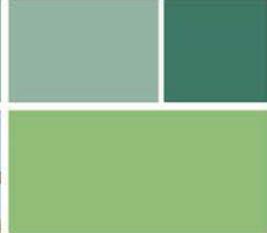


PREFERRED CONCEPT

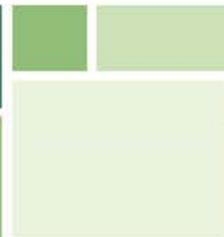
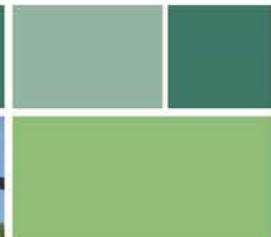
- Alternative C - Modified
- Widens to the North from 3rd Ave to Summit Ave
- Widens to the South from Summit Ave to TH 10
- Roundabouts at 6th Ave and Summit Ave
- Proposed Traffic Signal at Stearns Drive
- Two Way Left Turn Lane – Summit to TH 10



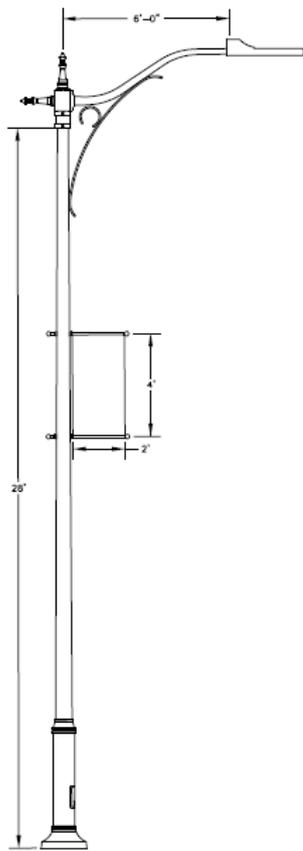
ALTERNATIVE C - Modified



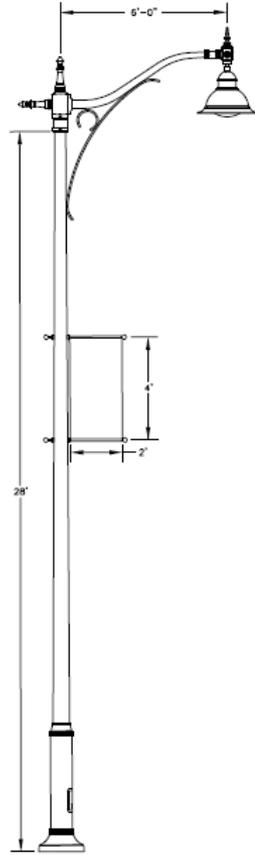
“Up the Hill” Layout Rendering



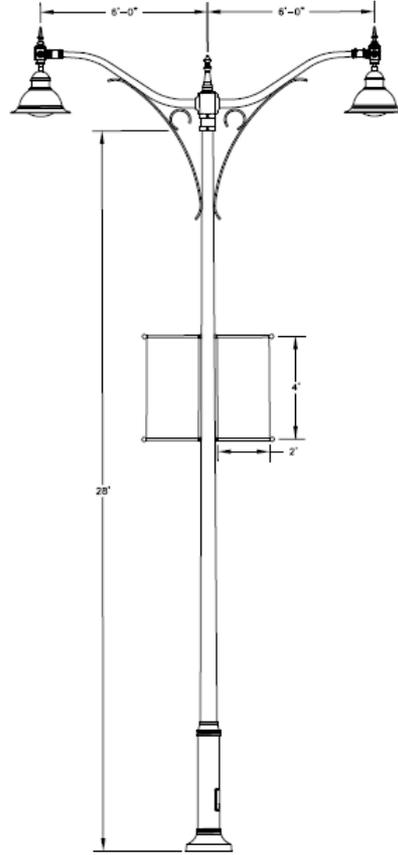
Lighting



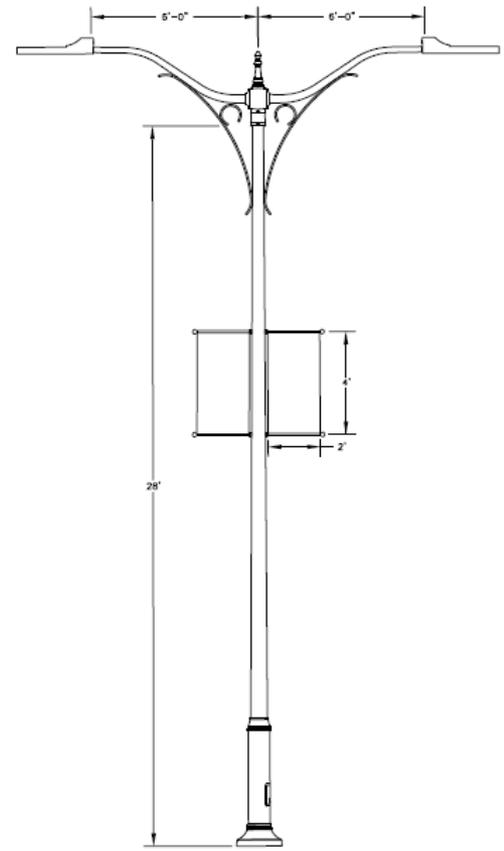
LIGHTING UNIT TYPE SPECIAL 1 DETAIL



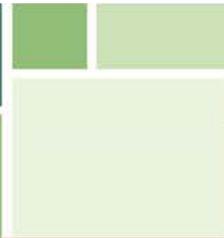
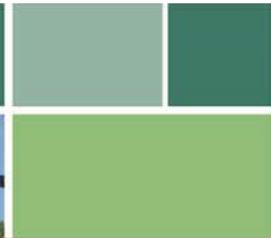
LIGHTING UNIT TYPE SPECIAL 2 DETAIL



LIGHTING UNIT TYPE SPECIAL 3 DETAIL

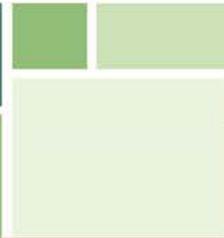
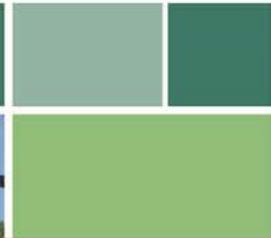


LIGHTING UNIT TYPE SPECIAL 4 DETAIL



Estimated Costs & Funding

- Estimated Cost (Construction, R/W, Legal, Engineering, Other): **\$13.2** Million
- Federal funds for right of way: \$658,242
- Federal funds for construction: \$1,632,400
- Trail Funding (TAP): \$120,431
- Local Road Improvement: \$500,000
- APO Federal Funds: \$186,000
- Additional STP: \$142,500



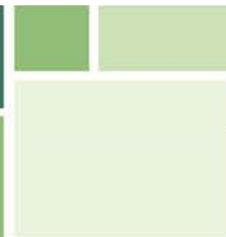
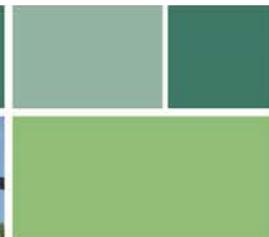
Estimated Cost Summary (Feb 8th)

SUMMARY			
	COUNTY		CITY
ROADWAY	\$3,255,283.65		
STORM SEWER	\$842,024		
TRAIL	\$193,359		
SIDEWALK			\$123,317.00
LIGHTING	\$251,261.20		\$70,148.80
SIGNAL	\$235,000.00		
LANDSCAPING	\$9,160.00		\$82,160.00
UTILITIES	\$77,804.50		\$714,227.50
OTHER / MISC*	\$946,021.35		
TOTAL	\$5,809,913.70		\$989,853.30
*SIGNING, STRIPING, TURF, MISC.			

IRRIGATION			\$100,000.00
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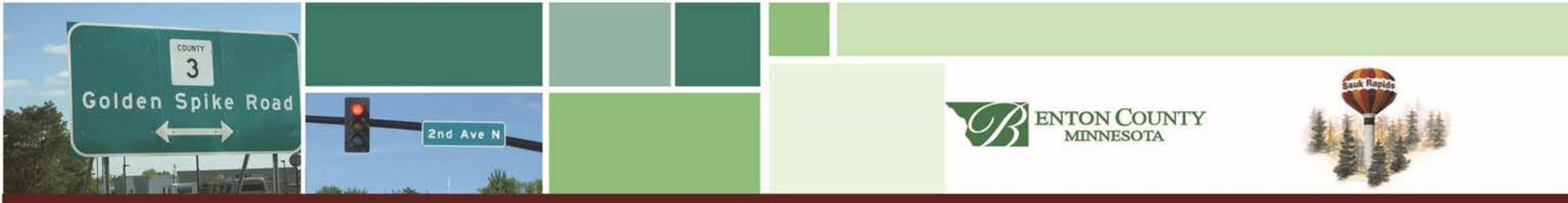
LIGHTING (ROUNDAABOUT/INTERSECTION)	\$251,261.20		\$70,148.80
DECORATIVE LIGHTING	-\$64,340.00		\$64,340.00
TOTAL LIGHTING	\$186,921.20		\$134,488.80

TOTAL	\$5,745,573.70		\$1,154,193.30
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Bid Tabulation Summary

- Engineers Estimate \$6,918,502
- Landwehr \$5,784,756.26 (Apparent low bid)
- RL Larson \$6,488,509.41
- Knife River \$6,605,316.61
- Ferche \$7,840,330.36



Cost Splits based on Low Bid

SUMMARY			
	COUNTY		CITY
ROADWAY	\$2,773,769.26		
STORM SEWER	\$561,887		
TRAIL	\$181,815		
SIDEWALK			\$129,969.20
LIGHTING	\$309,265.70		\$81,546.30
SIGNAL	\$187,400.00		
LANDSCAPING	\$9,740.00		\$164,005.00
UTILITIES	\$61,683.50		\$582,091.60
OTHER / MISC*	\$715,583.90		
TOTAL	\$4,801,144.16		\$957,612.10
*SIGNING, STRIPING, TURF, MISC.			

IRRIGATION			\$26,000.00
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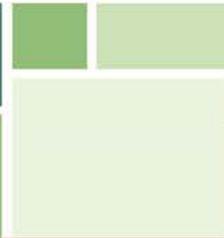
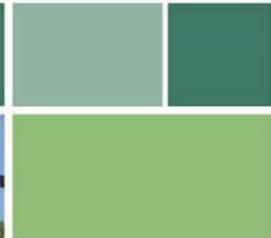
LIGHTING (ROUNDBOUT/INTERSECTION)	\$309,265.70		\$81,546.30
DECORATIVE LIGHTING	-\$64,340.00		\$64,340.00
TOTAL LIGHTING	\$244,925.70		\$145,886.30

TOTAL	\$4,736,804.16		\$1,047,952.10
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Updated Project Schedule

- Municipal Consent / Cost Agreement: Feb 8th
- Design Complete/Approval: March 2016
- Bid Opening: May 9th, 2016
- Construction Start: May 31st, 2016
- Intermediate Completion: Early September 2016
- Substantially Complete: Mid-November 2016
- Bit. Wear Course: Oct 2016 or May 2017
- Final/Landscaping: April-July 2017



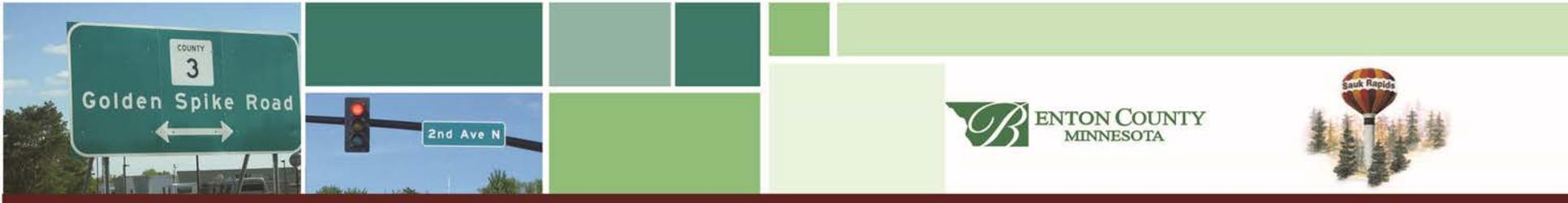
Next Steps

- Benton County Award May 17th Contingent on MnDot Approval
- Obtain MnDot Approval on Low Bid and DBE/EEO OJT Requirements
- Establish Contract with Low Bidder
- Notice to Proceed to Contractor
- Finalize City/County Cost Agreement



Questions/Comments

Thank You!



Funding & Cost Summary

CSAH 3 (2nd STREET N) FUNDING SUMMARY

2/5/2016

CSAH 3 (2ND STREET) PROJECT COSTS	
ESTIMATED CONSTRUCTION COSTS - 2016	\$6,900,000
ENGINEERING/SOFT COSTS - (15% OF EST. CONSTRUCTION COSTS)	\$1,035,000
TOTAL CONSTRUCTION COST	\$7,935,000
ROW	\$4,800,000
BUILDING DEMOLITION	\$500,000
TOTAL PROJECT COST	\$13,235,000

ANTICIPATED FUNDING	
FEDERAL - STP for construction	\$1,632,400
TAP FUNDS - TRAIL	\$120,431
LRIP - Local Road Improvement Program	\$500,000
APO Federal Funds	\$186,000
ADDITIONAL - STP (October 2015)	\$142,500
TOTAL ANTICIPATED FUNDS - Roadway	\$2,581,331
FEDERAL - STP for right of way	\$658,242
TOTAL ANTICIPATED FUNDS	\$3,239,573

COUNTY ANTICIPATED COSTS & FUNDING	
ANTICIPATED COSTS:	
ESTIMATED CONSTRUCTION COSTS	\$5,746,000
ENGINEERING/SOFT COSTS	\$1,035,000
BUILDING DEMOLITION	\$500,000
TOTAL ANTICIPATED COSTS	\$7,281,000
COUNTY FUNDING:	
FEDERAL - STP for construction	\$1,632,400
TAP FUNDS - TRAIL	\$120,431
LRIP - Local Road Improvement Program (2/3)	\$333,000
APO Federal Funds	\$186,000
ADDITIONAL - STP (October 2015)	\$142,500
TOTAL ANTICIPATED COUNTY FUNDS	\$2,414,331
TOTAL COUNTY FUNDS NEEDED	\$4,866,669

CITY ANTICIPATED COSTS & FUNDING	
ANTICIPATED COSTS:	
ESTIMATED CONSTRUCTION COSTS	\$1,154,000
ROW	\$4,800,000
TOTAL ANTICIPATED COSTS	\$5,954,000
CITY FUNDING:	
FEDERAL - STP for right of way	\$658,242
LRIP - Local Road Improvement Program (1/3)	\$167,000
TOTAL ANTICIPATED CITY FUNDS	\$825,242
TOTAL CITY FUNDS NEEDED	\$5,128,758

