

**WORTHINGTON CITY COUNCIL/MN DOT  
SPECIAL MEETING**

**12:00 P.M. - Tuesday, May 30, 2023  
City Hall Council Chambers**

**A. CALL TO ORDER**

**B. INTRODUCTIONS**

**C. PROJECT UPDATE - US 59 TURNBACK**

1. Recap of March council workshop (Alternatives 2, 4, & 5 to carry forward)
2. Meeting with City staff on May 11<sup>th</sup>
  - a. Focused on alternatives details and cost estimates
  - b. Humiston/Oxford intersection RAB or signal. Alt. 2 = RAB, Alt. 3 = signal. Move forward with Alt 3, 4, 5.

**D. COST ESTIMATES**

1. Cost estimates
2. Cost participation summary document
3. Letter of support to cost participation policy exceptions

**E. NEXT STEPS**

1. Resolution of intent for turnback
2. Public Engagement after resolution
3. Preferred alternative by August 2023 – need for turnback items to legislature
4. Completion of preliminary design (project scope, layout, municipal consent) – Oct. 2023

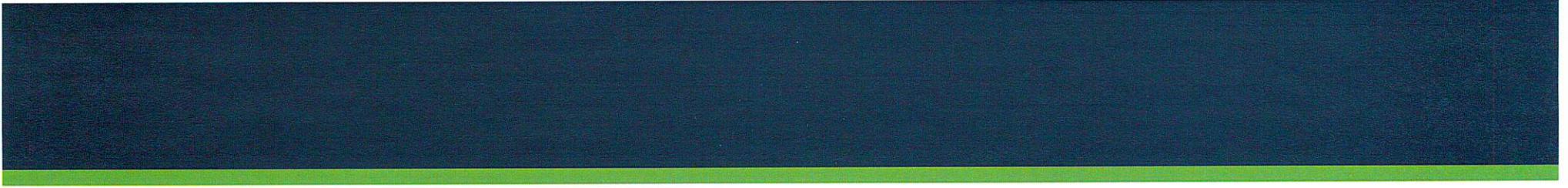
**F. ADJOURNMENT**



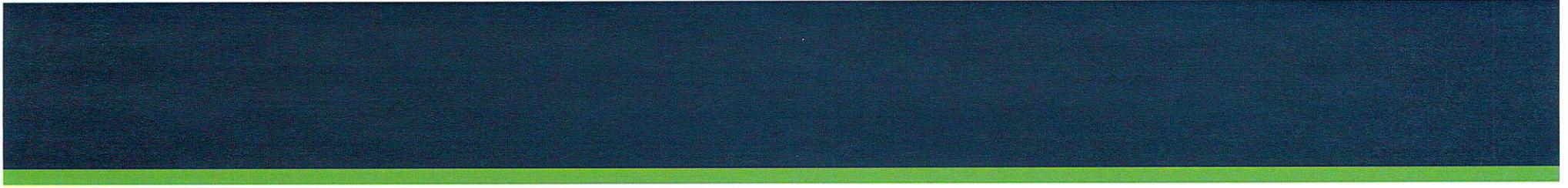
# Hwy 59 Preliminary Design

City Council Workshop

May 30<sup>th</sup>, 2023 – 12:00pm

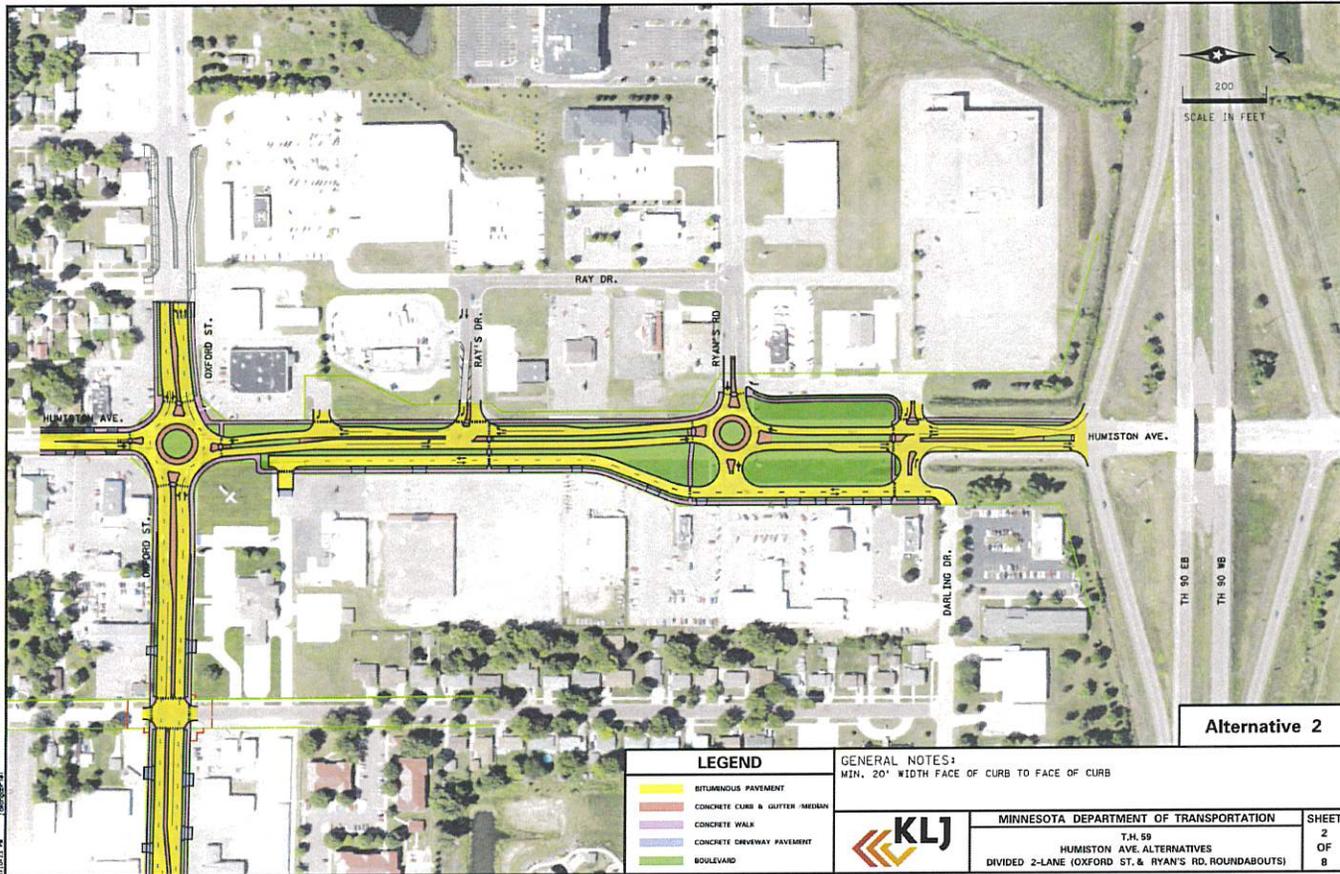


# Introductions



# Alternatives

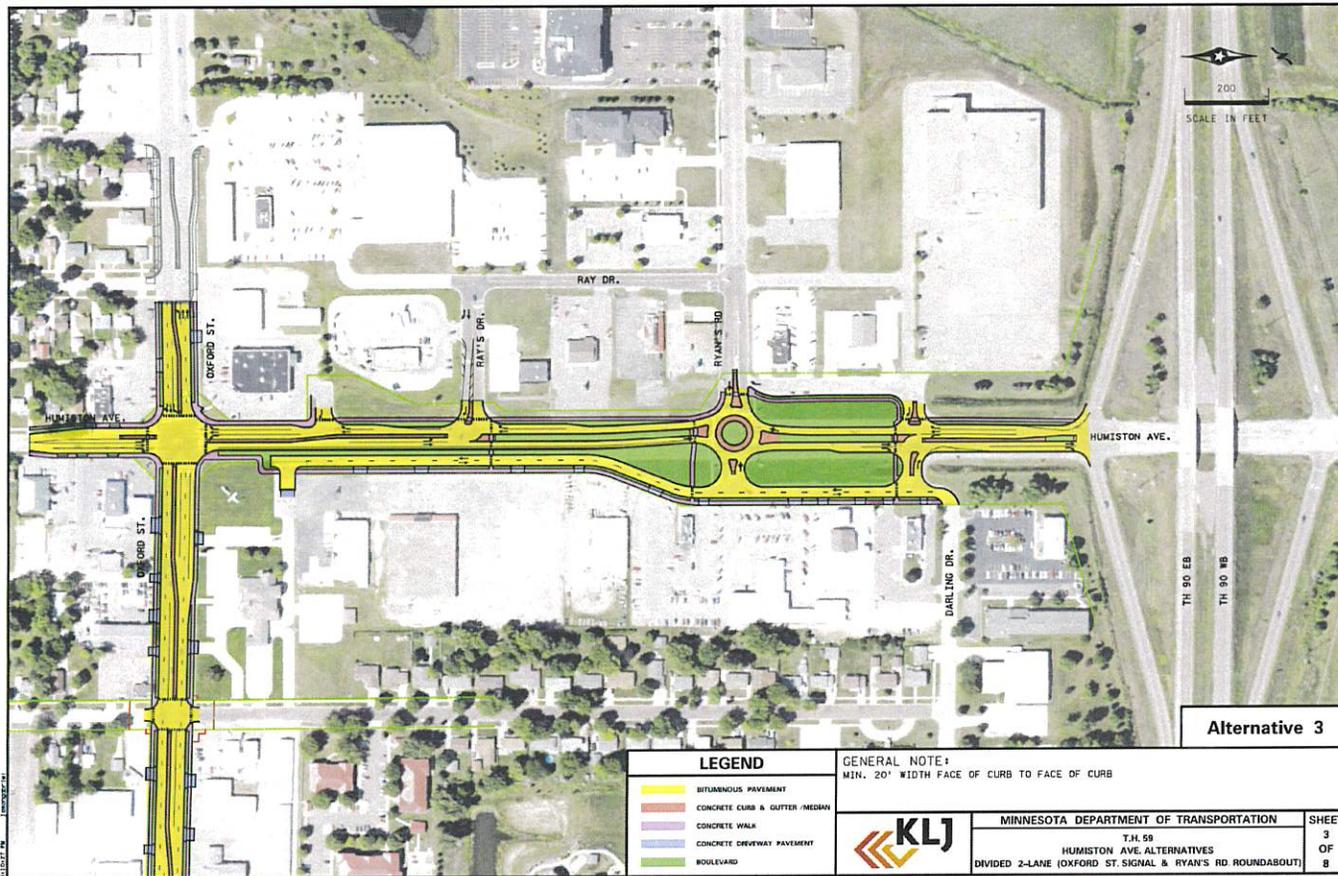
# Alternative 2



Divided 2-lane  
(Oxford St and Ryan's Rd roundabouts)

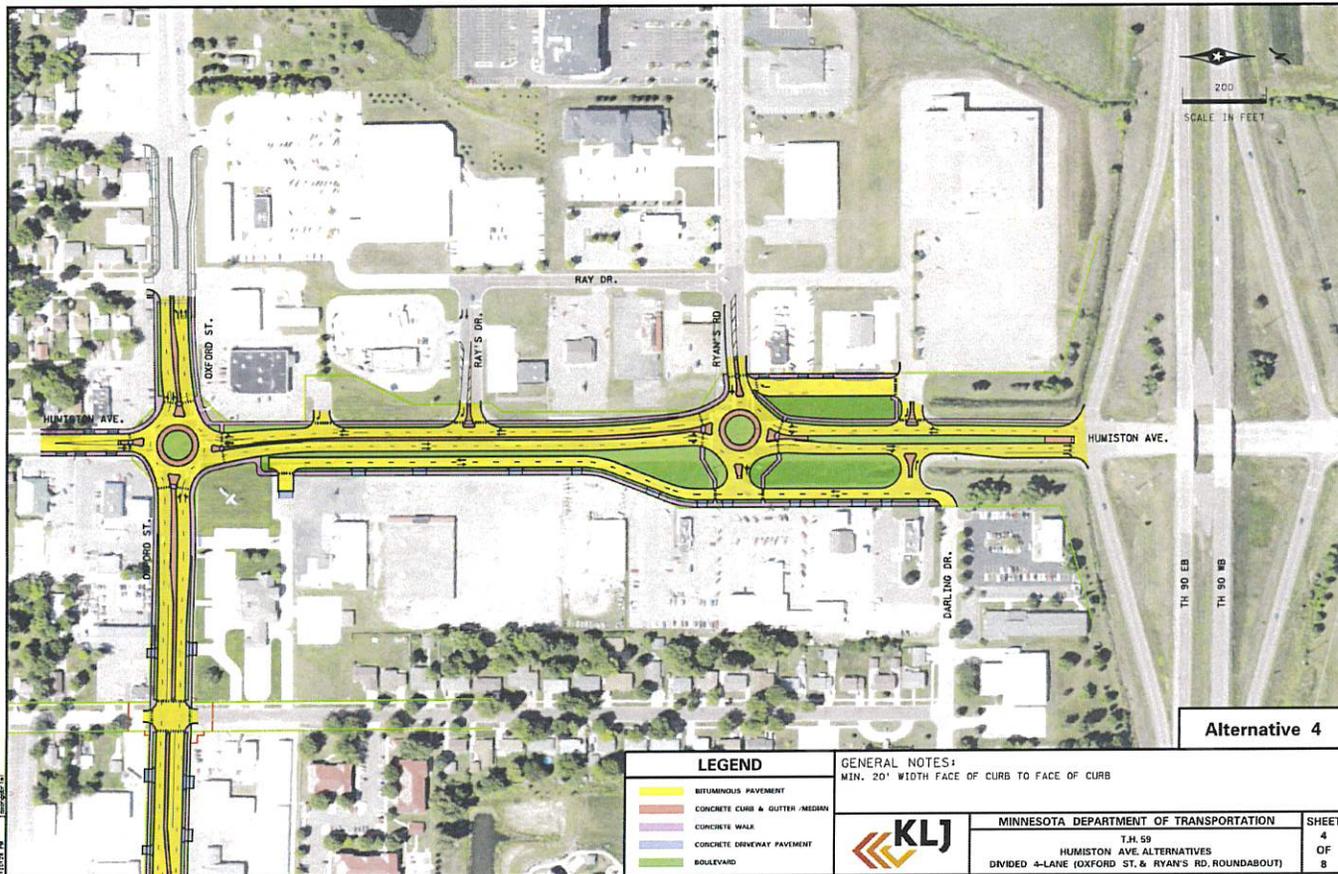
<b>LEGEND</b> 	<b>GENERAL NOTES:</b> MIN. 20" WIDTH FACE OF CURB TO FACE OF CURB	
		MINNESOTA DEPARTMENT OF TRANSPORTATION T.H. 59 HUMISTON AVE. ALTERNATIVES DIVIDED 2-LANE (OXFORD ST. & RYAN'S RD. ROUNDABOUTS)

# Alternative 3



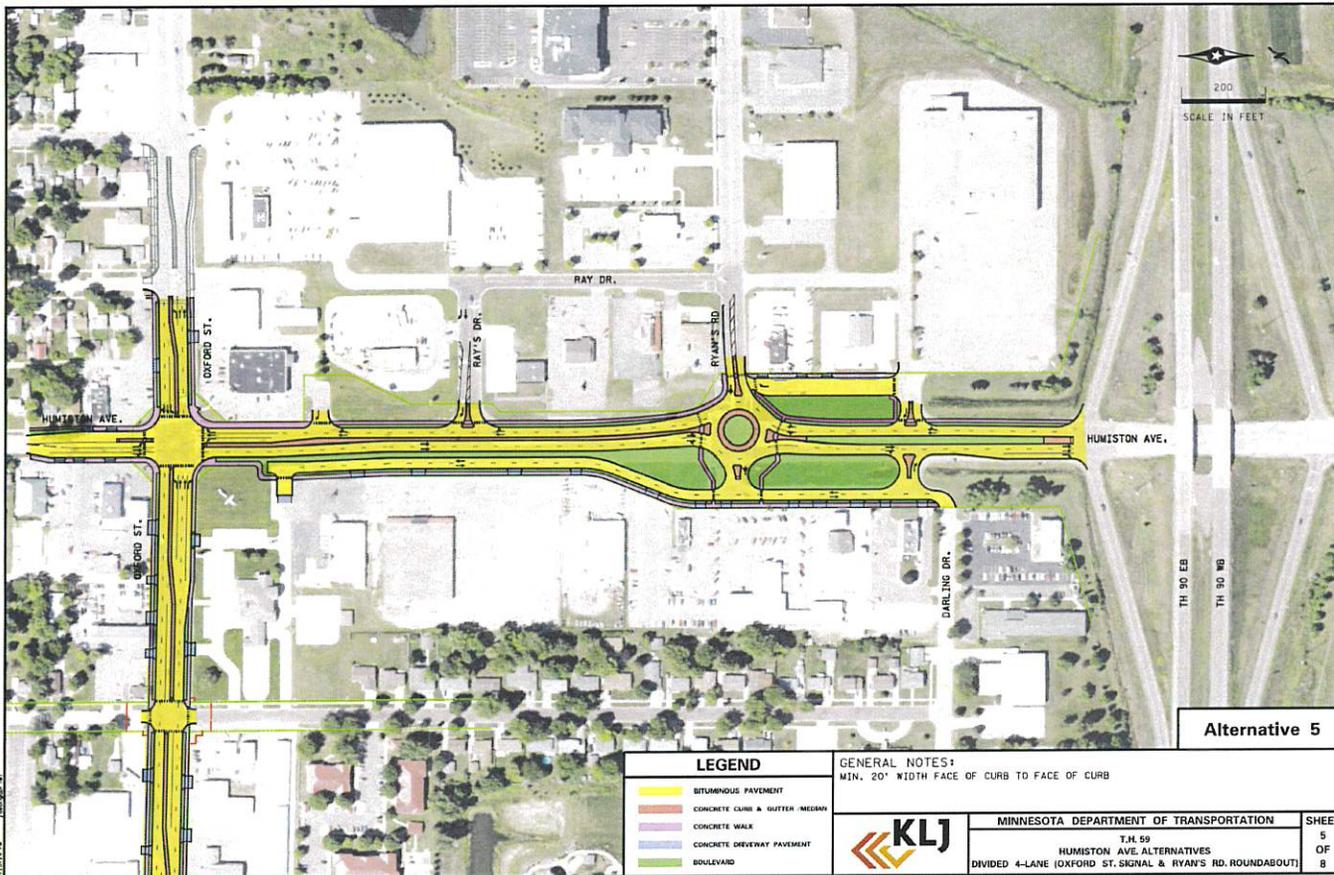
Divided 2-lane  
(Oxford St signal and  
Ryan's Rd roundabout)

# Alternative 4



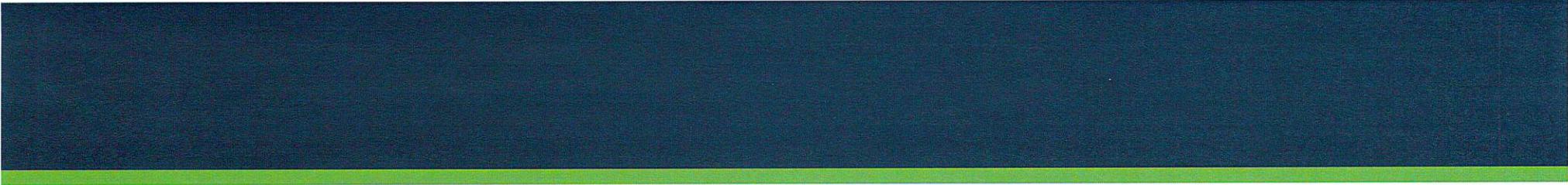
Divided 4-lane  
(Oxford St and Ryan's  
Rd roundabouts)

# Alternative 5



Divided 4-lane  
(Oxford St signal and  
Ryan's Rd roundabout)

*\*SBL turn lane at  
Humiston/Oxford extended*

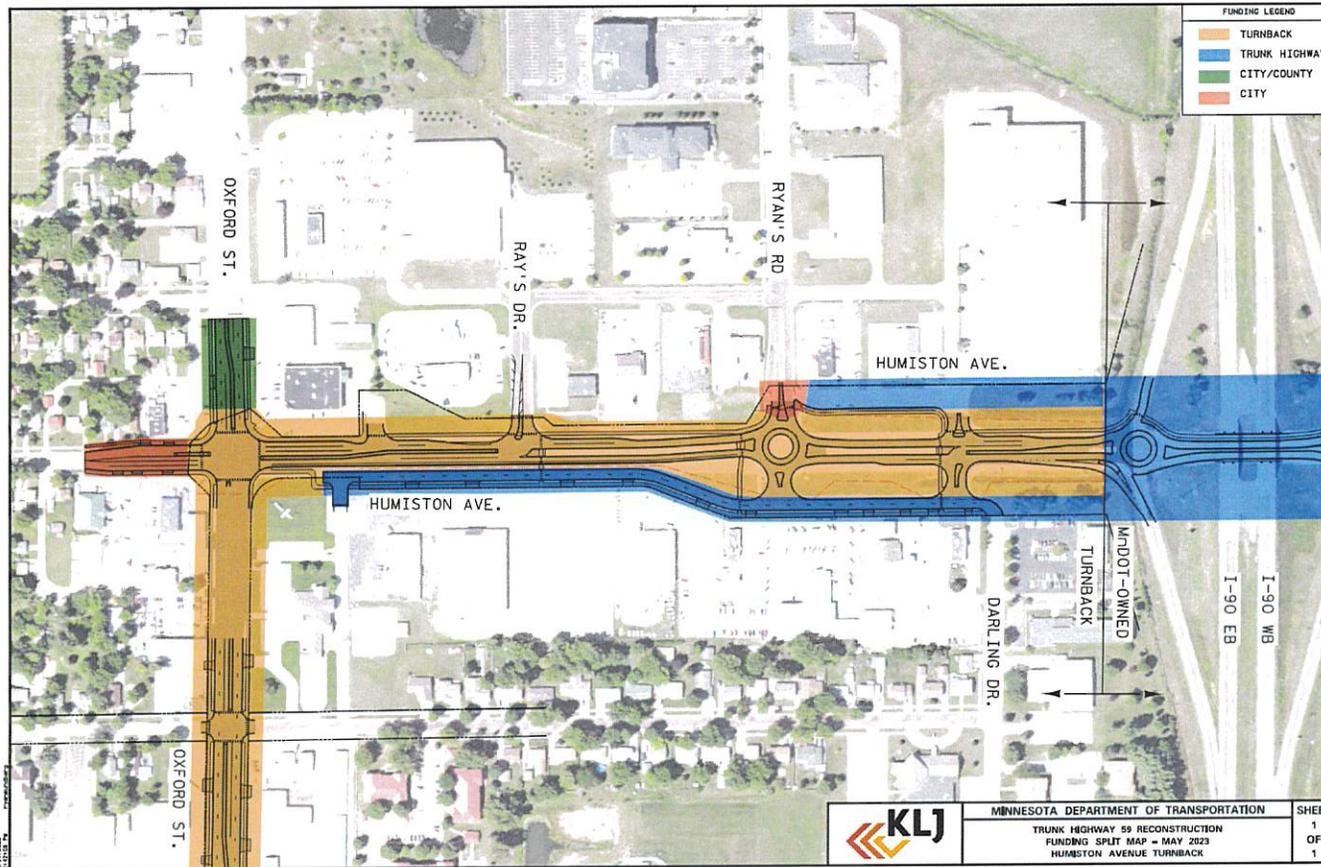


# Cost Estimates

# Preliminary Cost Estimate Summary

	S.P. 5304-41 HUMISTON AVE/OXFORD ST ALTERNATIVES PRELIMINARY COST ESTIMATE SUMMARY							
	ALTERNATIVE COSTS (CONST. ENGINEERING + CONST)	ESTIMATED MnDOT TRUNK HIGHWAY COST	ESTIMATED MnDOT TURNBACK COST	ESTIMATED CSAH 35 COST	ESTIMATED CSAH 35 COST SHARE PERCENTAGE	ESTIMATED CITY COST	ESTIMATED CITY COST SHARE PERCENTAGE	ESTIMATED TOTAL COST
ALTERNATIVE 0 - NO BUILD / MILL & OVERLAY (NO TURNBACK)	2022 TOTAL	\$ 10,231,500	\$ -	\$ 713,400	5%	\$ 3,118,900	21%	\$ 13,779,600
	2027 TOTAL	\$ 11,970,900	\$ -	\$ 834,700	5%	\$ 3,649,200	21%	\$ 16,122,200
ALTERNATIVE 3 - DIVIDED 2-LANE W/SIGNAL AT OXFORD STREET & RAB AT RYANS ROAD (TURNBACK)	2022 TOTAL	\$ 6,004,700	\$ 15,472,500	\$ 583,900	2%	\$ 550,200	2%	\$ 22,611,200
	2027 TOTAL	\$ 7,025,500	\$ 18,102,900	\$ 737,900	2%	\$ 695,400	2%	\$ 26,455,200
ALTERNATIVE 4 - DIVIDED 4-LANE W/RAB AT OXFORD STREET & RAB AT RYANS ROAD (TURNBACK)	2022 TOTAL	\$ 7,166,600	\$ 15,506,600	\$ 616,400	2%	\$ 762,000	3%	\$ 23,949,300
	2027 TOTAL	\$ 8,385,000	\$ 18,142,800	\$ 721,300	2%	\$ 891,600	3%	\$ 28,020,700
ALTERNATIVE 5 - DIVIDED 4-LANE W/SIGNAL AT OXFORD STREET & RAB AT RYANS ROAD (TURNBACK)	2022 TOTAL	\$ 7,127,500	\$ 15,743,800	\$ 763,100	3%	\$ 1,013,100	4%	\$ 24,515,700
	2027 TOTAL	\$ 8,339,200	\$ 18,420,300	\$ 892,900	3%	\$ 1,185,300	4%	\$ 28,683,400

# Funding Split Map – Humiston Ave



# Next Steps

- Resolution of intent for turnback
- Public Engagement after resolution
- Preferred alternative by **August 2023**
  - Need for turnback items to legislature
- Completion of preliminary design (project scope, layout, municipal consent) – **October 2023**
- Future MnDOT/City/County meetings

### SP 5304-41 Cost Participation Summary

As part of State Project 5304-41, the Minnesota Department of Transportation (MnDOT), in coordination with the City of Worthington and Nobles County, is planning to reconstruct US 59 from I-90 to TH 60 in Worthington. MnDOT has been in discussions with the City of Worthington and Nobles County to complete a Jurisdictional Transfer (Turnback) of US 59 to the City after construction.

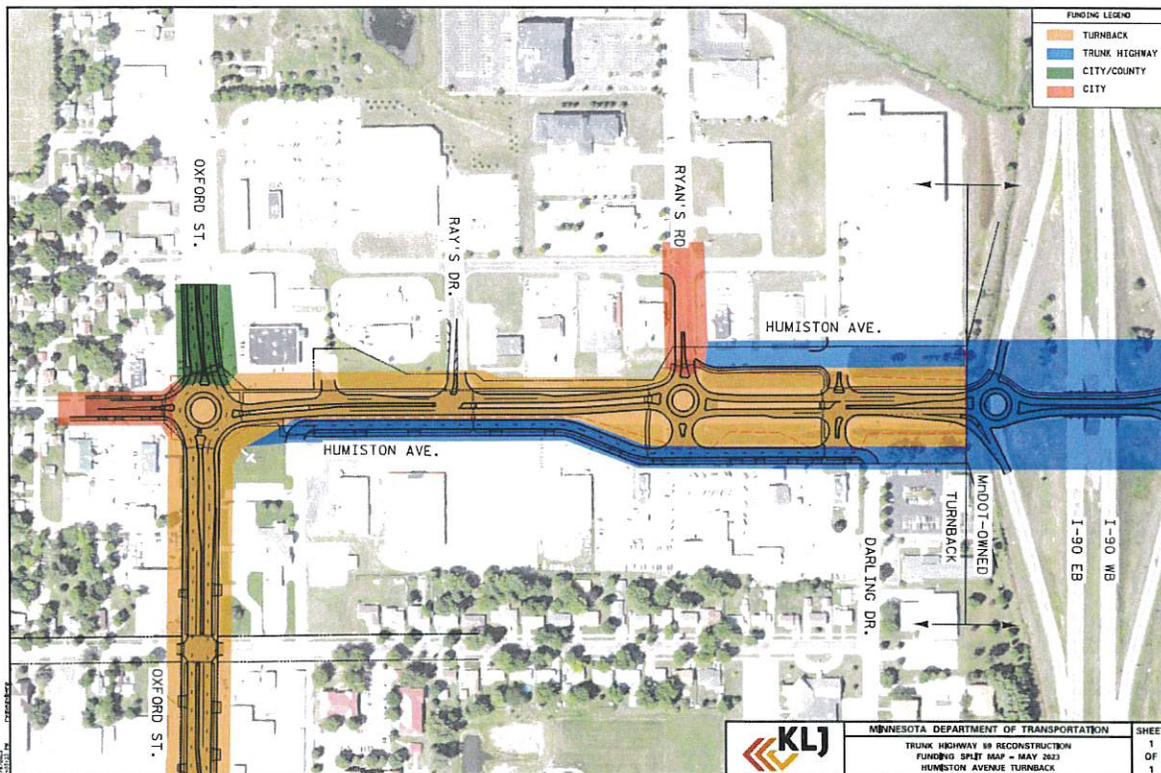
In general, cost participation, and the use of trunk highway funds, is based on the Cost Participation For Cooperative Construction Projects And Maintenance Responsibilities Between MnDOT And Local Units Of Government Policy. The policy, in conjunction with the Cost Participation and Maintenance Responsibilities with Local Units of Government Manual, provides a framework for cost participation. The following information provides a general summary of preliminary cost participation as a turnback project. Specific cost responsibilities will be determined as the project progresses and a preferred roadway alternative is selected.

**Cost Participation For Cooperative Construction Projects And Maintenance Responsibilities Between MnDOT And Local Units Of Government Policy:**

<http://www.dot.state.mn.us/policy/financial/fm011.html>

**Cost Participation and Maintenance Responsibilities with Local Units of Government Manual:**

[https://edocs-public.dot.state.mn.us/edocs\\_public/DMResultSet/download?docId=1414080](https://edocs-public.dot.state.mn.us/edocs_public/DMResultSet/download?docId=1414080)



*Preliminary Funding Split Map – See Cost Participation Manual for detailed information.*

**General Roadways Segments:**

- MnDOT cost: Mainline US 59 and frontage roads in MnDOT jurisdiction/ownership
- City Cost:
  - West leg of Humiston Ave/Ryan's Rd intersection
  - South leg of Humiston Ave/Oxford St intersection
  - Under a turnback, MnDOT would pursue an exception to the cost participation policy for MnDOT to fund these local legs.
- City/County Cost:
  - West leg of Humiston Ave/Oxford St intersection. Participation share between City and County to be determined.

**Roundabouts:**

- Costs for roundabouts will be shared by MnDOT and the local units of government (see Appendix A in the cost participation policy). Under a turnback, MnDOT would pursue an exception to the cost participation policy for MnDOT to fund the City legs of the roundabout (West leg of Humiston Ave/Ryan's Rd intersection, South leg of Humiston Ave/Oxford St intersection).

**Drainage:**

- MnDOT will be responsible for 100% of the cost for perpetuation of existing drainage affected by, or required for, a trunk highway improvement, in the most effective manner as determined by MnDOT in cooperation with local and regulatory agencies. This includes drainage work needed to reach the grading touchdown point or to a drainage outlet off of the trunk highway.

**Utilities Owned by Local Units of Government:**

- 100% local cost for city utilities (sanitary sewer, watermain). This includes trench excavation/backfill below the typical roadway section excavation/backfill.

**Traffic Control Signal Systems:**

- Costs will be pro-rated into the same ratio as the number of legs under each jurisdiction. Example: a 4-legged intersection with 2 trunk highway legs, 1 City leg, and 1 County leg would be a 50% / 25% / 25% split. Under a turnback, MnDOT would pursue an exception to the cost participation policy for MnDOT to fund the City legs of the signal system (West leg of Humiston Ave/Ryan's Rd intersection, South leg of Humiston Ave/Oxford St intersection).

**Lighting:**

- 100% MnDOT cost for standard lighting and for aesthetic/decorative lighting commonly used by the City.

**Sidewalk/Trail Facilities:**

- 100% MnDOT cost for standard width facilities.

**Pro-Rata Items and Construction Engineering:**

- The cost of the following pay items will be pro-rated among participating agencies in the same ratio as their share of the project to the total project cost.

2221.501	Mobilization	Lump Sum
2031.501	Field Office, Type___	Each
2031.503	Field Laboratory, Type___	Each
2563.601	Traffic Control	Lump Sum

- Construction engineering for design bid-build projects consists of inspection, materials testing, surveying and staking, and contract administration of a construction project. The cost share for this work will be 8% of the construction cost share amount and the following items will have the following values:

Contract Administration	3%
Construction Inspection	2%
Surveys and Staking	2%
Materials Inspection	1%



**S.P. 5304-41 HUMISTON AVE/OXFORD ST ALTERNATIVES  
PRELIMINARY COST ESTIMATE SUMMARY**

HUMISTON AVENUE ALTERNATIVES	ALTERNATIVE COSTS (CONST. ENGINEERING + CONST)	ESTIMATED MnDOT TRUNK HIGHWAY COST	ESTIMATED MnDOT TURNBACK COST	ESTIMATED CSAH 35 COST	ESTIMATED CSAH 35 COST SHARE PERCENTAGE	ESTIMATED CITY COST	ESTIMATED CITY COST SHARE PERCENTAGE	ESTIMATED TOTAL COST
ALTERNATIVE 0 - NO BUILD / MILL & OVERLAY (NO TURNBACK)	2022 TOTAL	\$ 10,231,500	\$ -	\$ 718,400	5%	\$ 3,118,900	21%	\$ 13,779,600
	2027 TOTAL	\$ 11,970,900	\$ -	\$ 834,700	5%	\$ 3,649,200	21%	\$ 16,122,200
ALTERNATIVE 3 - DIVIDED 2-LANE W/SIGNAL AT OXFORD STREET & RAB AT RYANS ROAD (TURNBACK)	2022 TOTAL	\$ 6,004,700	\$ 15,472,500	\$ 583,900	2%	\$ 550,200	2%	\$ 22,611,200
	2027 TOTAL	\$ 7,025,500	\$ 18,102,900	\$ 737,900	2%	\$ 695,400	2%	\$ 26,455,200
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	2027 TOTAL	\$ 8,385,000	\$ 18,142,800	\$ 721,300	2%	\$ 891,600	3%	\$ 28,020,700
ALTERNATIVE 5 - DIVIDED 4-LANE W/SIGNAL AT OXFORD STREET & RAB AT RYANS ROAD (TURNBACK)	2022 TOTAL	\$ 7,127,500	\$ 15,743,800	\$ 763,100	3%	\$ 1,013,100	4%	\$ 24,515,700
	2027 TOTAL	\$ 8,339,200	\$ 18,420,300	\$ 892,900	3%	\$ 1,185,300	4%	\$ 28,683,400

S.P. 5304-41 HUMISTON AVE/OXFORD ST ALTERNATIVES													
PRELIMINARY COST ESTIMATE													
ALTERNATIVE 5 (HUMISTON AVENUE DIVIDED 4-LANE W/SIGNAL AT OXFORD STREET AND RAB AT RYANS ROAD)													
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	ESTIMATED MnDOT TRUNK HIGHWAY QUANTITY	ESTIMATED MnDOT TRUNK HIGHWAY COST	ESTIMATED MnDOT TURNBACK QUANTITY	ESTIMATED MnDOT TURNBACK COST	ESTIMATED CSAH 35 QUANTITY	ESTIMATED CSAH 35 COST	ESTIMATED CITY QUANTITY	ESTIMATED CITY COST	ESTIMATED TOTAL QUANTITY	ESTIMATED TOTAL COST	
PROJECT PRO-RATA (INCLUDES OXFORD STREET AND HUMISTON AVENUE NORTH OF TURNBACK FOR CALCULATION)													
MOBILIZATION	LS	\$ 1,380,000.00	29%	\$ 400,200.00	64%	\$ 883,200.00	3%	\$ 41,400.00	4%	\$ 55,200.00		\$ 1,380,000.00	
FIELD OFFICE & LAB	LS	\$ 80,000.00	29%	\$ 23,200.00	64%	\$ 51,200.00	3%	\$ 2,400.00	4%	\$ 3,200.00		\$ 80,000.00	
TRAFFIC CONTROL	LS	\$ 200,000.00	29%	\$ 58,000.00	64%	\$ 128,000.00	3%	\$ 6,000.00	4%	\$ 8,000.00		\$ 200,000.00	
<b>PROJECT PRO-RATA SUBTOTALS</b>				\$ 481,400.00		\$ 1,062,400.00		\$ 49,800.00		\$ 66,400.00		\$ 1,660,000.00	
<b>PROJECT PRO-RATA GRAND TOTAL</b>								\$ 1,660,000.00					
HUMISTON AVENUE													
<b>RECONSTRUCTION ITEMS</b>													
REMOVE CURB AND GUTTER	LIN FT	\$ 6.50	2651	\$ 17,231.50	6273	\$ 40,774.50	1090	\$ 7,085.00	1016	\$ 6,604.00	11030	\$ 71,695.00	
REMOVE CONCRETE SIDEWALK	SQ FT	\$ 1.25		\$ 18173		\$ 22,716.25	4162	\$ 5,202.50	2969	\$ 3,711.25	25304	\$ 31,630.00	
REMOVE PAVEMENT	SQ YD	\$ 6.00	6509	\$ 39,054.00	23914	\$ 143,484.00	2344	\$ 14,064.00	2714	\$ 16,284.00	35481	\$ 212,886.00	
EXCAVATION-COMMON	CU YD	\$ 25.00	6733	\$ 168,325.00	21413	\$ 535,325.00	2141	\$ 53,525.00	3062	\$ 76,550.00	33349	\$ 833,725.00	
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 15.00	3591	\$ 53,865.00		\$ -		\$ -		\$ -	3591	\$ 53,865.00	
GEOTEXTILE FABRIC TYPE 4	SQ YD	\$ 2.75		\$ -	15730	\$ 43,257.50		\$ -		\$ -	15730	\$ 43,257.50	
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 35.00	2415	\$ 84,525.00	602	\$ 21,070.00	131	\$ 4,585.00	147	\$ 5,145.00	3295	\$ 115,325.00	
AGGREGATE BASE (CV) CLASS 5 MODIFIED	CU YD	\$ 58.00		\$ -	7663	\$ 444,454.00	660	\$ 38,780.00	1004	\$ 58,232.00	9327	\$ 540,966.00	
DRAINABLE AGGREGATE BASE, TYPE DSB (CV)	CU YD	\$ 80.00		\$ -	2846	\$ 227,680.00	247	\$ 19,760.00	401	\$ 32,080.00	3494	\$ 279,520.00	
CONCRETE PAVEMENT 8.0"	SQ YD	\$ 90.00		\$ -	15730	\$ 1,415,700.00	1331	\$ 119,790.00	2236	\$ 201,240.00	19297	\$ 1,736,730.00	
BITUMINOUS PAVEMENT	TON	\$ 80.00	2108	\$ 168,640.00		\$ -		\$ -		\$ -	2108	\$ 168,640.00	
MML BITUMINOUS SURFACE (3.0")	SQ YD	\$ 2.00		\$ -		\$ -		\$ -		\$ -		\$ -	
4" PERF PE PIPE DRAIN	LIN FT	\$ 12.50	3798	\$ 47,475.00	9772	\$ 122,150.00	964	\$ 12,050.00	1304	\$ 16,300.00	15838	\$ 197,975.00	
6" CONCRETE WALK	SQ FT	\$ 8.50	16492	\$ 140,182.00	42576	\$ 361,896.00	5229	\$ 44,446.50	5129	\$ 43,596.50	69426	\$ 590,121.00	
8" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$ 95.00	703	\$ 66,785.00		\$ -	138	\$ 13,110.00	147	\$ 13,965.00	988	\$ 93,860.00	
CONCRETE CURB & GUTTER	LIN FT	\$ 35.00	3798	\$ 132,930.00	9772	\$ 342,020.00	964	\$ 33,740.00	1304	\$ 45,640.00	15838	\$ 554,330.00	
TRAFFIC CONTROL SIGNAL SYSTEM	SYS	\$ 300,000.00		\$ -	0.5	\$ 150,000.00	0.25	\$ 75,000.00	0.25	\$ 75,000.00	1	\$ 300,000.00	
REVISE SIGNAL SYSTEM	SYS	\$ 100,000.00		\$ -		\$ -		\$ -		\$ -		\$ -	
<b>SUBTOTALS</b>				\$ 919,012.50		\$ 3,870,527.25		\$ 440,638.00		\$ 594,347.75		\$ 5,824,525.50	
<b>ALLOCATION ITEMS</b>													
ALLOCATION %													
MISCELLANEOUS & DRAINAGE REMOVALS	1.0%	\$ 59,000.00	16%	\$ 9,440.00	66%	\$ 38,940.00	8%	\$ 4,720.00	10%	\$ 5,900.00		\$ 59,000.00	
LIGHTING		\$ 575,000.00	16%	\$ 92,000.00	66%	\$ 419,500.00	8%	\$ 46,000.00	10%	\$ 57,500.00		\$ 575,000.00	
SIGNING & STRIPING	2.5%	\$ 147,500.00	16%	\$ 23,600.00	66%	\$ 97,350.00	8%	\$ 11,800.00	10%	\$ 14,750.00		\$ 147,500.00	
DRAINAGE	10.0%	\$ 590,000.00	16%	\$ 94,400.00	66%	\$ 389,400.00	8%	\$ 47,200.00	10%	\$ 59,000.00		\$ 590,000.00	
EROSION CONTROL	1.0%	\$ 59,000.00	16%	\$ 9,440.00	66%	\$ 38,940.00	8%	\$ 4,720.00	10%	\$ 5,900.00		\$ 59,000.00	
TURF ESTABLISHMENT	1.5%	\$ 88,500.00	16%	\$ 14,160.00	66%	\$ 58,410.00	8%	\$ 7,080.00	10%	\$ 8,850.00		\$ 88,500.00	
LANDSCAPING	0.5%	\$ 29,500.00	16%	\$ 4,720.00	66%	\$ 19,470.00	8%	\$ 2,360.00	10%	\$ 2,950.00		\$ 29,500.00	
CITY UTILITIES	LS			\$ -		\$ -		\$ -	100%	\$ -		\$ -	
<b>SUBTOTALS</b>				\$ 247,760.00		\$ 1,062,010.00		\$ 123,880.00		\$ 154,850.00		\$ 1,588,500.00	
<b>HUMISTON AVENUE TOTALS</b>				\$ 1,166,772.50		\$ 4,932,537.25		\$ 564,518.00		\$ 749,197.75		\$ 7,413,025.50	
<b>HUMISTON AVENUE GRAND TOTAL</b>								\$ 7,413,025.50					
<b>OXFORD STREET TOTALS</b>				\$ 342,994.00		\$ 7,695,308.50		\$ -		\$ -		\$ 8,038,302.50	
<b>OXFORD STREET GRAND TOTAL</b>								\$ 8,038,302.50					
<b>HUMISTON AVENUE (UNDER I-90) TOTALS</b>				\$ 1,542,341.25		\$ -		\$ -		\$ -		\$ 1,542,341.25	
<b>HUMISTON AVENUE (UNDER I-90) GRAND TOTAL</b>								\$ 1,542,341.25					
<b>HUMISTON AVENUE (NORTH OF I-90) TOTALS</b>				\$ 2,664,310.50		\$ -		\$ -		\$ -		\$ 2,664,310.50	
<b>HUMISTON AVENUE (NORTH OF I-90) GRAND TOTAL</b>								\$ 2,664,310.50					
<b>HUMISTON AVENUE (UNDER AND NORTH OF I-90) GRAND TOTAL</b>								\$ 4,206,651.75					
<b>TOTALS</b>				\$ 6,197,818.25		\$ 13,690,245.75		\$ 614,318.00		\$ 815,597.75		\$ 21,317,979.75	
<b>CONTINGENCY (15%)</b>				\$ 929,672.74		\$ 2,053,536.86		\$ 92,147.70		\$ 122,339.66		\$ 3,197,696.96	
<b>ROUNDING UP</b>				\$ 9.01		\$ 17.39		\$ 34.30		\$ 62.59		\$ 23.28	
<b>GRAND TOTALS (2022 DOLLARS)</b>				\$ 7,127,500		\$ 15,743,800		\$ 706,500		\$ 938,000		\$ 24,515,700	
<b>GRAND TOTALS (2027 DOLLARS)</b>				\$ 8,339,200		\$ 18,420,300		\$ 826,700		\$ 1,097,500		\$ 28,683,400	
<b>PROJECT TOTAL (2022 DOLLARS)</b>								\$ 24,515,700					
<b>PROJECT TOTAL (2027 DOLLARS)</b>								\$ 28,683,400					
<b>CONSTRUCTION ENGINEERING (6% OF CONSTRUCTION COST SHARE) (2027 DOLLARS)</b>								\$ 566,200		\$ 87,800			

NOTES:  
 1. CSAH 35 IS 100% LOCAL COST. CITY AND COUNTY TO DETERMINE ALLOCATION.  
 2. ADDITIONAL LIGHTING COSTS ALLOCATED FOR ROUNDABOUT  
 3. CITY UTILITIES TO BE DETERMINED BY THE CITY. COSTS ARE 100% CITY.

S.P. 5304-41 HUMISTON AVE/OXFORD ST ALTERNATIVES													
PRELIMINARY COST ESTIMATE													
ALTERNATIVE 4 (HUMISTON AVENUE - DIVIDED 4-LANE W/RAB AT OXFORD STREET & RYANS ROAD)													
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	ESTIMATED MnDOT TRUNK HIGHWAY QUANTITY	ESTIMATED MnDOT TRUNK HIGHWAY COST	ESTIMATED MnDOT TURNBACK QUANTITY	ESTIMATED MnDOT TURNBACK COST	ESTIMATED CSAH 35 QUANTITY	ESTIMATED CSAH 35 COST	ESTIMATED CITY QUANTITY	ESTIMATED CITY COST	ESTIMATED TOTAL QUANTITY	ESTIMATED TOTAL COST	
PROJECT PRO-RATA (INCLUDES OXFORD STREET AND HUMISTON AVENUE NORTH OF TURNBACK FOR CALCULATION)													
MOBILIZATION	LS	\$ 1,380,000.00	30%	\$ 414,000.00	65%	\$ 897,000.00	2%	\$ 27,600.00	3%	\$ 41,400.00		\$ 1,380,000.00	
FIELD OFFICE & LAB	LS	\$ 80,000.00	30%	\$ 24,000.00	65%	\$ 52,000.00	2%	\$ 1,600.00	3%	\$ 2,400.00		\$ 80,000.00	
TRAFFIC CONTROL	LS	\$ 200,000.00	30%	\$ 60,000.00	65%	\$ 130,000.00	2%	\$ 4,000.00	3%	\$ 6,000.00		\$ 200,000.00	
<b>PROJECT PRO-RATA SUBTOTALS</b>				\$ 498,000.00		\$ 1,079,000.00		\$ 33,200.00		\$ 49,800.00		\$ 1,660,000.00	
<b>PROJECT PRO-RATA GRAND TOTAL</b>								\$ 1,660,000.00					
HUMISTON AVENUE													
<b>RECONSTRUCTION ITEMS</b>													
REMOVE CURB AND GUTTER	LIN FT	\$ 6.50	2651	\$ 17,231.50	6273	\$ 40,774.50	1090	\$ 7,085.00	1016	\$ 6,604.00	11030	\$ 71,695.00	
REMOVE CONCRETE SIDEWALK	SQ FT	\$ 1.25		\$ 18173		\$ 22,716.25	4162	\$ 5,202.50	2969	\$ 3,711.25	25304	\$ 31,630.00	
REMOVE PAVEMENT	SQ YD	\$ 6.00	6891	\$ 41,346.00	23914	\$ 143,484.00	2344	\$ 14,064.00	2714	\$ 16,284.00	35863	\$ 215,178.00	
EXCAVATION-COMMON	CU YD	\$ 25.00	6731	\$ 168,275.00	21144	\$ 528,600.00	2096	\$ 52,400.00	2610	\$ 65,250.00	32581	\$ 814,525.00	
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 15.00	3590	\$ 53,850.00		\$ -		\$ -		\$ -	3590	\$ 53,850.00	
GEOTEXTILE FABRIC TYPE 4	SQ YD	\$ 2.75		\$ -		\$ -		\$ -		\$ -		\$ -	
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 35.00	2415	\$ 84,525.00	520	\$ 18,200.00	136	\$ 4,760.00	162	\$ 5,670.00	3233	\$ 113,155.00	
AGGREGATE BASE (CV) CLASS 5 MODIFIED	CU YD	\$ 58.00		\$ -	7678	\$ 445,324.00	635	\$ 36,830.00	802	\$ 46,516.00	9115	\$ 528,670.00	
DRAINABLE AGGREGATE BASE, TYPE DSB (CV)	CU YD	\$ 80.00		\$ -	2844	\$ 227,520.00	229	\$ 18,320.00	316	\$ 25,280.00	3389	\$ 271,120.00	
CONCRETE PAVEMENT 8" 0"	SQ YD	\$ 90.00		\$ -	15563	\$ 1,400,670.00	1202	\$ 108,180.00	1753	\$ 157,770.00	18518	\$ 1,666,620.00	
BITUMINOUS PAVEMENT	TON	\$ 80.00	2108	\$ 168,640.00		\$ -		\$ -		\$ -	2108	\$ 168,640.00	
MILL BITUMINOUS SURFACE (3.0")	SQ YD	\$ 2.00		\$ -		\$ -		\$ -		\$ -		\$ -	
4" PERF PE PIPE DRAIN	LIN FT	\$ 12.50	3791	\$ 47,387.50	10298	\$ 128,725.00	1000	\$ 12,500.00	1059	\$ 13,237.50	16148	\$ 201,850.00	
6" CONCRETE WALK	SQ FT	\$ 8.50	16472	\$ 140,012.00	40027	\$ 340,229.50	7092	\$ 60,282.00	5695	\$ 48,407.50	69286	\$ 588,931.00	
8" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$ 95.00	705	\$ 66,975.00		\$ -		\$ -	147	\$ 13,965.00	852	\$ 80,940.00	
CONCRETE CURB & GUTTER	LIN FT	\$ 35.00	3791	\$ 132,685.00	10298	\$ 360,430.00	1000	\$ 35,000.00	1059	\$ 37,085.00	16148	\$ 565,180.00	
TRAFFIC CONTROL SIGNAL SYSTEM	SYS	\$ 300,000.00		\$ -		\$ -		\$ -		\$ -		\$ -	
REVISE SIGNAL SYSTEM	SYS	\$ 100,000.00		\$ -		\$ -		\$ -		\$ -		\$ -	
<b>SUBTOTALS</b>				\$ 920,927.00		\$ 3,656,673.25		\$ 354,623.50		\$ 439,760.25		\$ 5,371,984.00	
<b>ALLOCATION ITEMS</b>													
ALLOCATION %													
MISCELLANEOUS & DRAINAGE REMOVALS	1.0%	\$ 59,000.00	17%	\$ 10,030.00	68%	\$ 40,120.00	7%	\$ 4,130.00	8%	\$ 4,720.00		\$ 59,000.00	
LIGHTING		\$ 575,000.00	17%	\$ 97,750.00	68%	\$ 391,000.00	7%	\$ 40,250.00	8%	\$ 46,000.00		\$ 575,000.00	
SIGNING & STRIPING	2.5%	\$ 147,500.00	17%	\$ 25,075.00	68%	\$ 100,300.00	7%	\$ 10,325.00	8%	\$ 11,800.00		\$ 147,500.00	
DRAINAGE	10.0%	\$ 990,000.00	17%	\$ 168,300.00	68%	\$ 673,200.00	7%	\$ 69,300.00	8%	\$ 79,200.00		\$ 990,000.00	
EROSION CONTROL	1.0%	\$ 59,000.00	17%	\$ 10,030.00	68%	\$ 40,120.00	7%	\$ 4,130.00	8%	\$ 4,720.00		\$ 59,000.00	
TURF ESTABLISHMENT	1.5%	\$ 88,500.00	17%	\$ 15,045.00	68%	\$ 60,180.00	7%	\$ 6,195.00	8%	\$ 7,080.00		\$ 88,500.00	
LANDSCAPING	0.5%	\$ 29,500.00	17%	\$ 5,015.00	68%	\$ 20,060.00	7%	\$ 2,065.00	8%	\$ 2,360.00		\$ 29,500.00	
CITY UTILITIES	LS			\$ -		\$ -		\$ -	100%	\$ -		\$ -	
<b>SUBTOTALS</b>				\$ 263,245.00		\$ 1,052,980.00		\$ 108,395.00		\$ 123,880.00		\$ 1,548,500.00	
<b>HUMISTON AVENUE TOTALS</b>				\$ 1,184,172.00		\$ 4,709,653.25		\$ 463,018.50		\$ 563,640.25		\$ 6,920,484.00	
<b>HUMISTON AVENUE GRAND TOTAL</b>								\$ 6,920,484.00					
<b>OXFORD STREET TOTALS</b>				\$ 342,994.00		\$ 7,695,308.50		\$ -		\$ -		\$ 8,038,302.50	
<b>OXFORD STREET GRAND TOTAL</b>								\$ 8,038,302.50					
<b>HUMISTON AVENUE (UNDER I-90) TOTALS</b>				\$ 1,542,341.25		\$ -		\$ -		\$ -		\$ 1,542,341.25	
<b>HUMISTON AVENUE (UNDER I-90) GRAND TOTAL</b>								\$ 1,542,341.25					
<b>HUMISTON AVENUE (NORTH OF I-90) TOTALS</b>				\$ 2,664,310.50		\$ -		\$ -		\$ -		\$ 2,664,310.50	
<b>HUMISTON AVENUE (NORTH OF I-90) GRAND TOTAL</b>								\$ 2,664,310.50					
<b>HUMISTON AVENUE (UNDER AND NORTH OF I-90) GRAND TOTAL</b>								\$ 4,206,651.75					
<b>TOTALS</b>				\$ 6,231,820.00		\$ 13,483,961.75		\$ 496,218.50		\$ 613,440.25		\$ 20,825,438.25	
<b>CONTINGENCY (15%)</b>				\$ 934,773.00		\$ 2,022,594.26		\$ 74,432.78		\$ 92,016.04		\$ 3,123,815.74	
<b>ROUNDING UP</b>				\$ 7.00		\$ 43.99		\$ 48.72		\$ 43.71		\$ 46.01	
<b>GRAND TOTALS (2022 DOLLARS)</b>				\$ 7,166,600		\$ 15,506,600		\$ 570,700		\$ 705,500		\$ 23,949,900	
<b>GRAND TOTALS (2027 DOLLARS)</b>				\$ 8,385,000		\$ 18,142,800		\$ 667,800		\$ 825,500		\$ 28,020,700	
<b>PROJECT TOTAL (2022 DOLLARS)</b>								\$ 23,949,900					
<b>PROJECT TOTAL (2027 DOLLARS)</b>								\$ 28,020,700					
<b>CONSTRUCTION ENGINEERING (6% OF CONSTRUCTION COST SHARE) (2027 DOLLARS)</b>								\$ 53,500		\$ 66,100			

NOTES:  
 1. CSAH 35 IS 100% LOCAL COST. CITY AND COUNTY TO DETERMINE ALLOCATION.  
 2. ADDITIONAL LIGHTING COSTS ALLOCATED FOR ROUNDABOUTS

<b>S.P. 5304-41 HUMISTON AVE/OXFORD ST ALTERNATIVES</b> <b>PRELIMINARY COST ESTIMATE</b>													
<b>ALTERNATIVE 3 (HUMISTON AVENUE - DIVIDED 2-LANE W/SIGNAL AT OXFORD STREET &amp; RAB AT RYANS ROAD)</b>													
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	ESTIMATED MnDOT TRUNK HIGHWAY QUANTITY	ESTIMATED MnDOT TRUNK HIGHWAY COST	ESTIMATED MnDOT TURNBACK QUANTITY	ESTIMATED MnDOT TURNBACK COST	ESTIMATED CSAH 35 QUANTITY	ESTIMATED CSAH 35 COST	ESTIMATED CITY QUANTITY	ESTIMATED CITY COST	ESTIMATED TOTAL QUANTITY	ESTIMATED TOTAL COST	
<b>PROJECT PRO-RATA</b> (INCLUDES OXFORD STREET AND HUMISTON AVENUE NORTH OF TURNBACK FOR CALCULATION)													
MOBILIZATION	LS	\$ 1,380,000.00	27%	\$ 372,600.00	68%	\$ 938,400.00	3%	\$ 41,400.00	2%	\$ 27,600.00		\$ 1,380,000.00	
FIELD OFFICE & LAB	LS	\$ 80,000.00	27%	\$ 21,600.00	68%	\$ 54,000.00	3%	\$ 2,400.00	2%	\$ 1,600.00		\$ 80,000.00	
TRAFFIC CONTROL	LS	\$ 200,000.00	27%	\$ 54,000.00	68%	\$ 136,000.00	3%	\$ 6,000.00	2%	\$ 4,000.00		\$ 200,000.00	
<b>PROJECT PRO-RATA SUBTOTALS</b>				\$ 448,200.00		\$ 1,128,800.00		\$ 49,800.00		\$ 33,200.00		\$ 1,660,000.00	
<b>PROJECT PRO-RATA GRAND TOTAL</b>								\$1,660,000.00					
<b>HUMISTON AVENUE</b>													
<b>RECONSTRUCTION ITEMS</b>													
REMOVE CURB AND GUTTER	LN FT	\$ 6.50	2651	\$ 17,231.50	6273	\$ 40,774.50	1090	\$ 7,095.00	1016	\$ 6,604.00	11030	\$ 71,695.00	
REMOVE CONCRETE SIDEWALK	SQ FT	\$ 1.25			38173	\$ 22,716.25	4162	\$ 5,202.50	2969	\$ 3,711.25	25104	\$ 31,630.00	
REMOVE PAVEMENT	SQ YD	\$ 6.00	6891	\$ 41,346.00	23914	\$ 143,484.00	2344	\$ 14,064.00	2714	\$ 16,284.00	35863	\$ 215,178.00	
EXCAVATION-COMMON	CU YD	\$ 25.00	5046	\$ 126,150.00	19526	\$ 488,150.00	2030	\$ 50,750.00	1976	\$ 49,400.00	28578	\$ 714,450.00	
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 15.00	2691	\$ 40,365.00		\$ -		\$ -		\$ -	2691	\$ 40,365.00	
GEOTEXTILE FABRIC TYPE 4	SQ YD	\$ 2.75		\$ -	14739	\$ 40,532.25		\$ -		\$ -	14739	\$ 40,532.25	
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 35.00	1950	\$ 68,250.00	560	\$ 19,600.00	116	\$ 4,060.00	122	\$ 4,270.00	2748	\$ 96,180.00	
AGGREGATE BASE (CV) CLASS 5 MODIFIED	CU YD	\$ 58.00		\$ -	6970	\$ 404,260.00	639	\$ 37,062.00	607	\$ 35,206.00	8216	\$ 476,528.00	
DRAINABLE AGGREGATE BASE, TYPE DSB (CV)	CU YD	\$ 80.00		\$ -	2727	\$ 218,160.00	244	\$ 19,520.00	249	\$ 19,920.00	3220	\$ 257,600.00	
CONCRETE PAVEMENT 8.0"	SQ YD	\$ 90.00		\$ -	14739	\$ 1,326,510.00	1336	\$ 120,240.00	1466	\$ 131,940.00	17541	\$ 1,578,690.00	
MILL BITUMINOUS SURFACE (3.0")	TON	\$ 80.00	1516	\$ 121,280.00		\$ -		\$ -		\$ -	1516	\$ 121,280.00	
BITUMINOUS PAVEMENT	TON	\$ 2.00		\$ -		\$ -		\$ -		\$ -		\$ -	
4" PERE PE PIPE DRAIN	LN FT	\$ 12.50	3483	\$ 43,537.50	10483	\$ 131,037.50	876	\$ 10,950.00	563	\$ 7,037.50	15405	\$ 192,562.50	
6" CONCRETE WALK	SQ FT	\$ 8.50	17335	\$ 147,347.50	31073	\$ 264,120.50	4331	\$ 36,813.50	3384	\$ 28,764.00	56123	\$ 477,045.50	
8" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$ 95.00	548	\$ 52,060.00		\$ -	138	\$ 13,110.00	147	\$ 13,965.00	833	\$ 79,135.00	
CONCRETE CURB & GUTTER	LN FT	\$ 35.00	3483	\$ 121,905.00	10483	\$ 366,905.00	876	\$ 30,660.00	563	\$ 19,705.00	15405	\$ 539,175.00	
TRAFFIC CONTROL SIGNAL SYSTEM	SYS	\$ 300,000.00		\$ -		\$ -		\$ -		\$ -		\$ -	
REVISE SIGNAL SYSTEM	SYS	\$ 100,000.00		\$ -		\$ -		\$ -		\$ -		\$ -	
<b>SUBTOTALS</b>				\$ 779,472.50		\$ 3,466,250.00		\$ 349,517.00		\$ 336,806.75		\$ 4,932,046.25	
<b>ALLOCATION ITEMS</b>													
<b>ALLOCATION %</b>													
MISCELLANEOUS & DRAINAGE REMOVALS	1.0%	\$ 59,000.00	16%	\$ 9,440.00	70%	\$ 41,300.00	7%	\$ 4,130.00	7%	\$ 4,130.00		\$ 59,000.00	
LIGHTING		\$ 575,000.00	16%	\$ 92,000.00	70%	\$ 482,500.00	7%	\$ 40,250.00	7%	\$ 40,250.00		\$ 655,000.00	
SIGNING & STRIPING	2.5%	\$ 147,500.00	16%	\$ 23,600.00	70%	\$ 103,250.00	7%	\$ 10,325.00	7%	\$ 10,325.00		\$ 147,500.00	
DRAINAGE	10.0%	\$ 590,000.00	16%	\$ 94,400.00	70%	\$ 413,000.00	7%	\$ 41,300.00	7%	\$ 41,300.00		\$ 590,000.00	
EROSION CONTROL	1.0%	\$ 59,000.00	16%	\$ 9,440.00	70%	\$ 41,300.00	7%	\$ 4,130.00	7%	\$ 4,130.00		\$ 59,000.00	
TURF ESTABLISHMENT	1.5%	\$ 88,500.00	16%	\$ 14,160.00	70%	\$ 61,950.00	7%	\$ 6,195.00	7%	\$ 6,195.00		\$ 88,500.00	
LANDSCAPING	0.5%	\$ 29,500.00	16%	\$ 4,720.00	70%	\$ 20,650.00	7%	\$ 2,065.00	7%	\$ 2,065.00		\$ 29,500.00	
CITY UTILITIES	LS			\$ -		\$ -		\$ -	100%	\$ -		\$ -	
<b>SUBTOTALS</b>				\$ 247,760.00		\$ 1,163,950.00		\$ 108,395.00		\$ 108,395.00		\$ 1,628,500.00	
<b>HUMISTON AVENUE TOTALS</b>				\$ 1,027,232.50		\$ 4,630,200.00		\$ 457,912.00		\$ 445,201.75		\$ 6,560,546.25	
<b>HUMISTON AVENUE GRAND TOTAL</b>								\$6,560,546.25					
<b>OXFORD STREET TOTALS</b>				\$ 342,994.00		\$ 7,695,308.50		\$ -		\$ -		\$ 8,038,302.50	
<b>OXFORD STREET GRAND TOTAL</b>								\$8,038,302.50					
<b>HUMISTON AVENUE (UNDER I-90) TOTALS</b>				\$ 1,365,324.25		\$ -		\$ -		\$ -		\$ 1,365,324.25	
<b>HUMISTON AVENUE (UNDER I-90) GRAND TOTAL</b>								\$1,365,324.25					
<b>HUMISTON AVENUE (NORTH OF I-90) TOTALS</b>				\$ 2,037,660.00		\$ -		\$ -		\$ -		\$ 2,037,660.00	
<b>HUMISTON AVENUE (NORTH OF I-90) GRAND TOTAL</b>								\$2,037,660.00					
<b>HUMISTON AVENUE (UNDER AND NORTH OF I-90) GRAND TOTAL</b>								\$3,402,984.25					
<b>TOTALS</b>				\$ 5,221,410.75		\$ 13,454,308.50		\$ 507,712.00		\$ 478,401.75		\$ 19,661,833.00	
<b>CONTINGENCY (15%)</b>				\$ 783,211.61		\$ 2,018,146.28		\$ 76,156.80		\$ 71,760.26		\$ 2,949,274.95	
<b>ROUNDING UP</b>				\$ 77.64		\$ 45.22		\$ 31.20		\$ 37.99		\$ 92.05	
<b>GRAND TOTALS (2022 DOLLARS)</b>				\$ 6,004,700		\$ 15,472,500		\$ 583,900		\$ 550,200		\$ 22,611,200	
<b>GRAND TOTALS (2027 DOLLARS)</b>				\$ 7,025,500		\$ 18,102,900		\$ 683,200		\$ 643,800		\$ 26,455,200	
<b>PROJECT TOTAL (2022 DOLLARS)</b>								\$22,611,200					
<b>PROJECT TOTAL (2027 DOLLARS)</b>								\$26,455,200					
<b>CONSTRUCTION ENGINEERING (8% OF CONSTRUCTION COST SHARE) (2027 DOLLARS)</b>								\$54,700		\$51,600			

NOTES:  
 1. CSAH 35 IS 100% LOCAL COST. CITY AND COUNTY TO DETERMINE ALLOCATION.  
 2. ADDITIONAL LIGHTING COSTS ALLOCATED FOR ROUNDABOUTS  
 3. CITY UTILITIES TO BE DETERMINED BY THE CITY. COSTS ARE 100% CITY.

<b>S.P. 5304-41 HUMISTON AVE/OXFORD ST ALTERNATIVES</b> <b>PRELIMINARY COST ESTIMATE</b>													
<b>ALTERNATIVE 0 (HUMISTON AVENUE - NO BUILD/MILL &amp; OVERLAY)</b>													
ITEM DESCRIPTION	UNITS	UNIT BID PRICE	ESTIMATED MNDOT TRUNK HIGHWAY QUANTITY	ESTIMATED MNDOT TRUNK HIGHWAY COST	ESTIMATED MNDOT TURNBACK QUANTITY	ESTIMATED MNDOT TURNBACK COST	ESTIMATED CSAH 35 QUANTITY	ESTIMATED CSAH 35 COST	ESTIMATED CITY QUANTITY	ESTIMATED CITY COST	ESTIMATED TOTAL QUANTITY	ESTIMATED TOTAL COST	
<b>PROJECT PRO-RATA</b> (INCLUDES OXFORD STREET AND HUMISTON AVENUE NORTH OF TURNBACK FOR CALCULATION)													
MOBILIZATION	LS	\$ 1,380,000.00	74%	\$ 510,600.00	\$ -	\$ -	5%	\$ 34,500.00	21%	\$ 144,900.00	\$ -	\$ 690,000.00	
FIELD OFFICE & LAB	LS	\$ 80,000.00	74%	\$ 29,600.00	\$ -	\$ -	5%	\$ 2,000.00	21%	\$ 16,800.00	\$ -	\$ 48,400.00	
TRAFFIC CONTROL	LS	\$ 200,000.00	74%	\$ 74,000.00	\$ -	\$ -	5%	\$ 5,000.00	21%	\$ 42,000.00	\$ -	\$ 121,000.00	
<b>PROJECT PRO-RATA SUBTOTALS</b>				\$ 614,200.00	\$ -	\$ -		\$ 41,500.00		\$ 203,700.00	\$ -	\$ 859,400.00	
<b>PROJECT PRO-RATA GRAND TOTAL</b>				\$ 614,200.00	\$ -	\$ -		\$ 41,500.00		\$ 203,700.00	\$ -	\$ 859,400.00	
<b>HUMISTON AVENUE</b>													
<b>RECONSTRUCTION ITEMS</b>													
REMOVE CURB AND GUTTER	LIN FT	\$ 6.50	508	\$ 3,302.00	\$ -	\$ -	1090	\$ 7,085.00	1016	\$ 6,604.00	\$ -	\$ 16,991.00	
REMOVE CONCRETE SIDEWALK	SQ FT	\$ 1.25	2118	\$ 2,647.50	\$ -	\$ -	4162	\$ 5,202.50	2969	\$ 3,711.25	\$ -	\$ 11,561.25	
REMOVE PAVEMENT	SQ YD	\$ 6.00	2146	\$ 12,876.00	\$ -	\$ -	2344	\$ 14,064.00	2714	\$ 16,284.00	7204	\$ 43,224.00	
EXCAVATION-COMMON	CU YD	\$ 25.00	2107	\$ 52,675.00	\$ -	\$ -	2141	\$ 53,525.00	3062	\$ 76,550.00	7310	\$ 182,750.00	
SELECT GRANULAR EMBANKMENT (CV)	CU YD	\$ 15.00		\$ -	\$ -	\$ -		\$ -		\$ -		\$ -	
GEOTEXTILE FABRIC TYPE 4	SQ YD	\$ 2.75	2146	\$ 5,901.50	\$ -	\$ -	1331	\$ 3,660.25		\$ -	3477	\$ 9,561.75	
AGGREGATE BASE (CV) CLASS 5	CU YD	\$ 35.00	100	\$ 3,500.00	\$ -	\$ -	131	\$ 4,585.00	401	\$ 14,035.00	632	\$ 22,120.00	
AGGREGATE BASE (CV) CLASS 5 MODIFIED	CU YD	\$ 58.00	787	\$ 45,646.00	\$ -	\$ -	660	\$ 38,280.00	1004	\$ 58,232.00	2451	\$ 142,158.00	
DRAINABLE AGGREGATE BASE, TYPE DSB (CV)	CU YD	\$ 80.00		\$ -	\$ -	\$ -	247	\$ 19,760.00	401	\$ 32,080.00	648	\$ 51,840.00	
CONCRETE PAVEMENT 8.0"	SQ YD	\$ 90.00	2146	\$ 193,140.00	\$ -	\$ -	1331	\$ 119,790.00	2236	\$ 201,240.00	5713	\$ 514,170.00	
BITUMINOUS PAVEMENT	TON	\$ 80.00	6219	\$ 497,520.00	\$ -	\$ -		\$ -		\$ -	6219	\$ 497,520.00	
MILL BITUMINOUS SURFACE (3.0")	SQ YD	\$ 2.00	36693	\$ 73,382.00	\$ -	\$ -		\$ -		\$ -		\$ 73,382.00	
4" PERE PE PIPE DRAIN	LIN FT	\$ 12.50	514	\$ 6,425.00	\$ -	\$ -	964	\$ 12,050.00	1304	\$ 16,300.00	2782	\$ 34,775.00	
6" CONCRETE WALK	SQ FT	\$ 8.50	2303	\$ 19,575.50	\$ -	\$ -	5229	\$ 44,446.50	5129	\$ 43,596.50	12661	\$ 107,618.50	
8" CONCRETE DRIVEWAY PAVEMENT	SQ YD	\$ 95.00		\$ -	\$ -	\$ -	138	\$ 13,110.00	147	\$ 13,965.00	285	\$ 27,075.00	
CONCRETE CURB & GUTTER	LIN FT	\$ 35.00	514	\$ 17,990.00	\$ -	\$ -	964	\$ 33,740.00	1304	\$ 45,640.00	2782	\$ 97,370.00	
TRAFFIC CONTROL SIGNAL SYSTEM	SYS	\$ 300,000.00	0.5	\$ 150,000.00	\$ -	\$ -	0.25	\$ 75,000.00	0.25	\$ 75,000.00	1	\$ 300,000.00	
REVISE SIGNAL SYSTEM	SYS	\$ 100,000.00	0.75	\$ 75,000.00	\$ -	\$ -		\$ -	0.25	\$ 25,000.00	1	\$ 100,000.00	
<b>SUBTOTALS</b>				\$ 1,159,580.50	\$ -	\$ -		\$ 444,298.25		\$ 628,297.75		\$ 1,832,116.50	
<b>ALLOCATION ITEMS</b>													
<b>ALLOCATION %</b>													
MISCELLANEOUS & DRAINAGE REMOVALS	1.0%	\$ 59,000.00	52%	\$ 30,680.00	\$ -	\$ -	20%	\$ 11,800.00	28%	\$ 16,520.00	\$ -	\$ 59,000.00	
LIGHTING		\$ 575,000.00		\$ -	\$ -	\$ -		\$ -	100%	\$ 575,000.00	\$ -	\$ 575,000.00	
SIGNING & STRIPING	2.5%	\$ 147,500.00	52%	\$ 76,700.00	\$ -	\$ -	20%	\$ 29,500.00	28%	\$ 41,300.00	\$ -	\$ 147,500.00	
DRAINAGE	10.0%	\$ 590,000.00	52%	\$ 30,680.00	\$ -	\$ -	20%	\$ 11,800.00	28%	\$ 16,520.00	\$ -	\$ 59,000.00	
EROSION CONTROL	1.0%	\$ 59,000.00	52%	\$ 30,680.00	\$ -	\$ -	20%	\$ 11,800.00	28%	\$ 16,520.00	\$ -	\$ 59,000.00	
TURF ESTABLISHMENT	1.5%	\$ 88,500.00	52%	\$ 46,020.00	\$ -	\$ -	20%	\$ 17,700.00	28%	\$ 24,780.00	\$ -	\$ 88,500.00	
LANDSCAPING	0.5%	\$ 29,500.00	52%	\$ 15,340.00	\$ -	\$ -	20%	\$ 5,900.00	28%	\$ 8,260.00	\$ -	\$ 29,500.00	
CITY UTILITIES	LS			\$ -	\$ -	\$ -		\$ -	100%	\$ -	\$ -	\$ -	
<b>SUBTOTALS</b>				\$ 230,100.00	\$ -	\$ -		\$ 88,500.00		\$ 698,900.00	\$ -	\$ 1,017,500.00	
<b>HUMISTON AVENUE TOTALS</b>				\$ 1,389,680.50	\$ -	\$ -		\$ 532,798.25		\$ 1,327,197.75	\$ -	\$ 3,249,616.50	
<b>HUMISTON AVENUE GRAND TOTAL</b>				\$ 1,389,680.50	\$ -	\$ -		\$ 532,798.25		\$ 1,327,197.75	\$ -	\$ 3,249,616.50	
<b>OXFORD STREET TOTALS</b>													
<b>OXFORD STREET GRAND TOTAL</b>				\$ 6,892,991.00	\$ -	\$ -		\$ -		\$ 980,243.50	\$ -	\$ 7,873,234.50	
<b>HUMISTON AVENUE (UNDER I-90) TOTALS</b>													
<b>HUMISTON AVENUE (UNDER I-90) GRAND TOTAL</b>				\$ -	\$ -	\$ -		\$ 50.00		\$ -	\$ -	\$ -	
<b>HUMISTON AVENUE (NORTH OF I-90) TOTALS</b>													
<b>HUMISTON AVENUE (NORTH OF I-90) GRAND TOTAL</b>				\$ -	\$ -	\$ -		\$ -		\$ -	\$ -	\$ -	
<b>HUMISTON AVENUE (UNDER AND NORTH OF I-90) GRAND TOTAL</b>													
<b>SUBTOTALS</b>				\$ -	\$ -	\$ -		\$ -		\$ -	\$ -	\$ -	
<b>TOTALS</b>				\$ 8,896,871.50	\$ -	\$ -		\$ 574,298.25		\$ 2,511,081.25	\$ -	\$ 11,982,251.00	
<b>CONTINGENCY (15%)</b>				\$ 1,334,530.73	\$ -	\$ -		\$ 86,144.74		\$ 376,562.19	\$ -	\$ 1,797,337.65	
<b>ROUNDING UP</b>				\$ 97.77	\$ -	\$ -		\$ 57.01		\$ 56.56	\$ -	\$ 11.35	
<b>GRAND TOTALS (2022 DOLLARS)</b>				\$ 10,231,500	\$ -	\$ -		\$ 660,500		\$ 2,887,800	\$ -	\$ 13,779,600	
<b>GRAND TOTALS (2027 DOLLARS)</b>				\$ 11,570,500	\$ -	\$ -		\$ 772,800		\$ 3,378,800	\$ -	\$ 16,122,200	
<b>PROJECT TOTAL (2022 DOLLARS)</b>				\$ -	\$ -	\$ -		\$ 13,779,600		\$ -	\$ -	\$ 13,779,600	
<b>PROJECT TOTAL (2027 DOLLARS)</b>				\$ -	\$ -	\$ -		\$ 16,122,200		\$ -	\$ -	\$ 16,122,200	
<b>CONSTRUCTION ENGINEERING (8% OF CONSTRUCTION COST SHARE) (2027 DOLLARS)</b>				\$ -	\$ -	\$ -		\$ 61,900		\$ 270,400	\$ -	\$ 332,300	

- NOTES:
- OXFORD/HUMISTON INTERSECTION RECONSTRUCTED TO ALTERNATIVE 5 GEOMETRICS
  - HUMISTON AVENUE SOUTH OF THE I-90 EB RAMP TERMINI AND HUMISTON AVENUE FRONTAGE ROADS TO BE MILLED & OVERLAID.
  - SIDEWALK AND TRAIL PARTICIPATION IS 60% MNDOT/40% CITY.
  - LIGHTING IS 100% CITY.
  - CSAH 35 IS 100% LOCAL COST. CITY AND COUNTY TO DETERMINE ALLOCATION.
  - CITY UTILITIES TO BE DETERMINED BY THE CITY. COSTS ARE 100% CITY.

May 24, 2023

City of Worthington

Attn: Steve Schnieder, Worthington City Engineer  
303 Ninth Street  
P.O. Box 279  
Worthington, MN 56187-0279

RE: Cost Participation Exceptions for SP 5304-41 (US 59)

As part of SP 5304-41, the Minnesota Department of Transportation District 7, in coordination with the City of Worthington and Nobles County, is planning to reconstruct US 59 from I-90 to TH 60 in Worthington and complete a Jurisdictional Transfer (turnback) of US 59 to the City after construction. The north-south section of US 59 is Humiston Avenue, and the east-west section is Oxford Street. The project is currently in the preliminary design phase, which includes the evaluation of several alternatives for Humiston Avenue that include different lane configurations (2-lane or 4-lane) and intersection control options (signal system or roundabout).

In looking at the different alternatives and associated costs for project partners, cost participation is based on language outlined in the MnDOT cost participation policy and manual. In general, local roadway work is a local construction cost (i.e. if a US 59/Ryan's Road roundabout moves forward, the City would be responsible for costs associated with the Ryan's Road leg of the roundabout). However, as part of the turnback negotiations between the City and MnDOT, District 7 is in support of an exception to the Policy regarding local roadway work. This exception would be for MnDOT to accept 100% of the cost for the local roadway elements (excluding sanitary and watermain) at the following locations:

- West leg of the Ryan's Road/Humiston Avenue intersection
- South leg of the Oxford Street/Humiston Avenue intersection

District 7 has been coordinating with MnDOT statewide leadership and the Cooperative Agreements Engineer, communicating support for the exception. Given there are several design alternatives remaining, submitting a formal request for exception would be difficult, as the specific sections of the Policy that would be requesting exceptions varies with each alternative. Once a preferred alternative is selected and specific exceptions to the policy are known, District 7 intends to submit a formalized request to statewide leadership requesting approval.

We anticipate the preferred alternative to be selected late summer 2023, with the request for exception to Cost Participation Policy sent shortly after. Please contact me if you have questions or concerns with this process or timeline, otherwise we'll continue to work through the evaluation of alternatives and next steps for cost participation specifics.

Regards,

**Greg Ous** Digitally signed by Greg Ous  
Date: 2023.05.25 12:12:58 -05'00'

Greg Ous, P.E.  
District Engineer