### 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

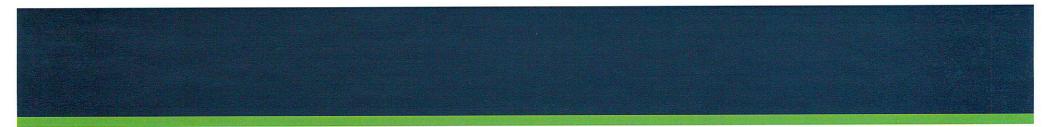
### F. ADJOURNMENT

### DEPARTMENT OF TRANSPORTATION

# Hwy 59 Preliminary Design

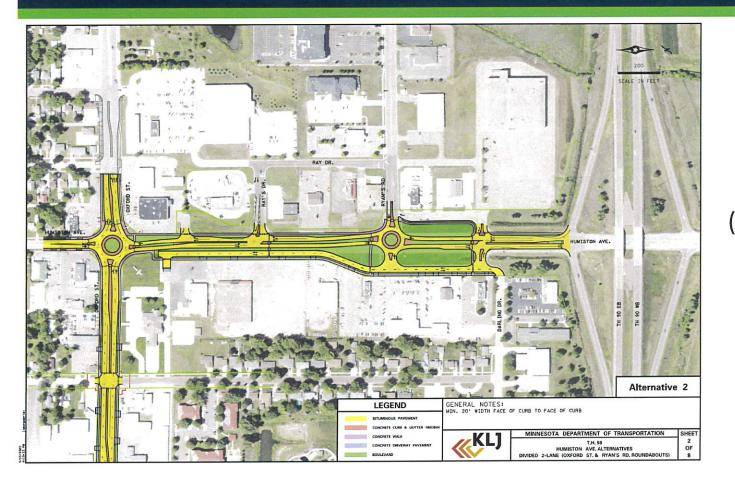
## City Council Workshop

May 30<sup>th</sup>, 2023 – 12:00pm

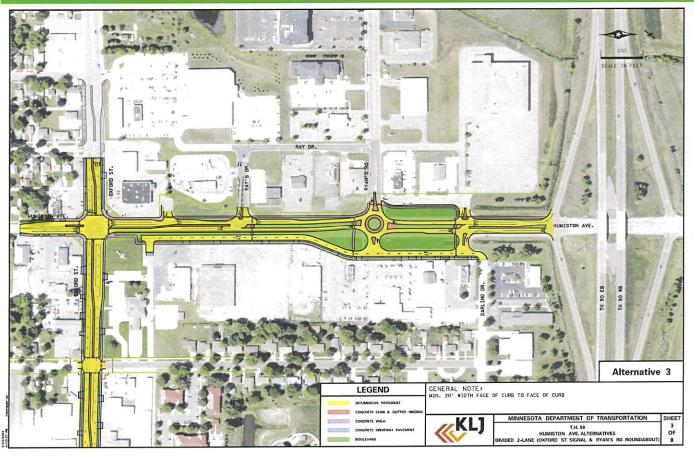


# Introductions



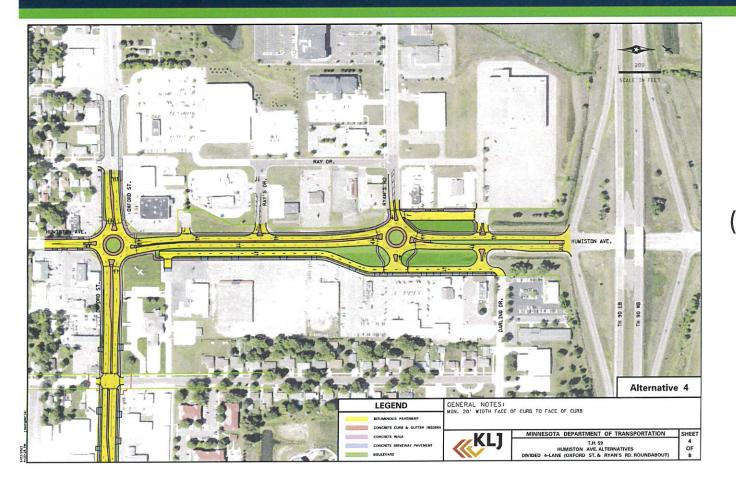


### Divided 2-lane (Oxford St and Ryan's Rd roundabouts)

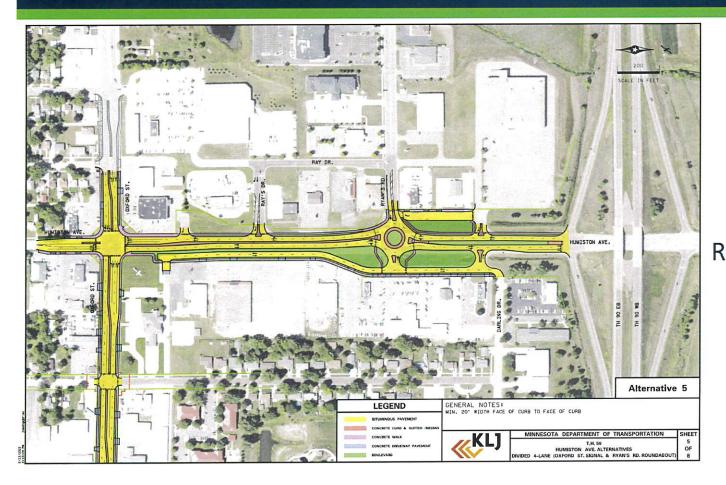


## Divided 2-lane

(Oxford St signal and Ryan's Rd roundabout)



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



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

\*SBL turn lane at Humiston/Oxford extended

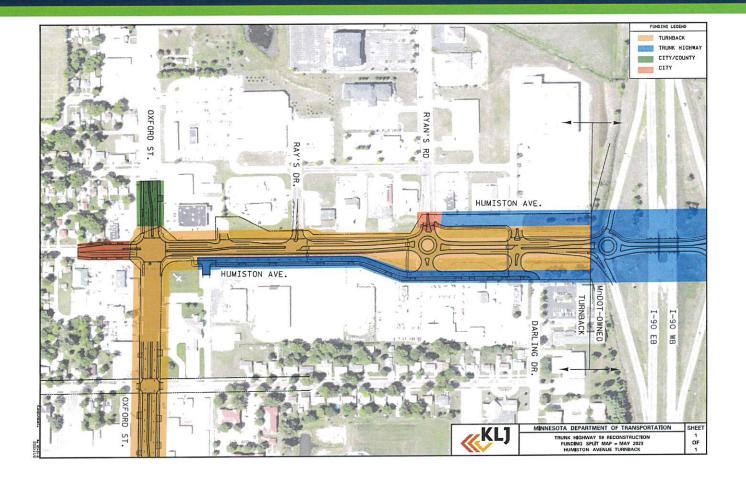


# **Cost Estimates**

# Preliminary Cost Estimate Summary

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

### SP 5304-41 Cost Participation Summary

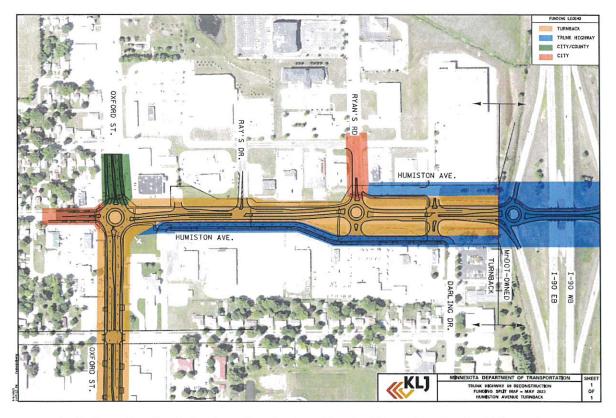
As part of State Project 5304-41, the Minnesota Department of Transportation (MnDOT), in coordination with the City of Worthington and Nobles County, is planning to reconstruct US 59 from I-90 to TH 60 in Worthington. MnDOT has been in discussions with the City of Worthington and Nobles County to complete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



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

#### SP 5304-41

#### **General Roadways Segments:**

- MnDOT cost: Mainline US 59 and frontage roads in MnDOT jurisdiction/ownership
- City Cost:
  - o West leg of Humiston Ave/Ryan's Rd intersection
  - o 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.

### **MnDOT US 59 Reconstruction**

### **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% |

| ≪ <sup>KL]</sup>  |   |      | S.P. 1                                 | 5304-41 HUMISTO<br>PRELIMINARY          |       |                       | ST ALTERNATIVES<br>UMMARY                     |                          |   | NTAGE         TOTAL<br>COST           \$         13,779,50           \$         16,122,20           \$         22,611,20           \$         26,455,20           \$         23,949,30 |            |  |  |  |  |  |  |  |
|---|---|------|--|---|-------|-----------------------|---|--------------------------|---|--|------------|--|--|--|--|--|--|--|
| HUMISTON AVENUE ALTERNATIVES                                | ALTERNATIVE COSTS<br>{CONST. ENGINEERING + CONST} | TRUN | Timated<br>Vindot<br>K Highway<br>Cost | ESTIMATED<br>MINDOT<br>TURNBACK<br>COST | ESTIN | MATED CSAH 35<br>COST | ESTIMATED CSAH 35<br>COST SHARE<br>PERCENTAGE | ESTIMATED<br>CTY<br>COST | ESTIMATED CITY COST<br>SHARE PERCENTAGE | 1.4 1.4 1.4  | TOTAL      |  |  |  |  |  |  |  |
| ALTERNATIVE 0 -   | 2022 TOTAL  | \$   | 10,231,500                             | \$ -                                    | \$    | 713,400               | 5%  | \$ 3,118,900             | 21%                                     | \$   | 13,779,600 |  |  |  |  |  |  |  |
| NO BUILD / MILL & OVERLAY<br>(NO TURNBACK)                  | 2027 TOTAL  | \$   | 11,970,900                             | \$ -                                    | \$    | 834,700               | 5%  | \$ 3,649,200             | 21%                                     | \$   | 16,122,200 |  |  |  |  |  |  |  |
| ALTERNATIVE 3 ~<br>DIVIDED 2-LANE W/SIGNAL AT OXFORD STREET | 2022 TOTAL  | \$   | 6,004,700                              | \$ 15,472,500                           | \$    | 583,900               | 2%  | \$ 550,200               | 2%                                      | \$   | 22,611,200 |  |  |  |  |  |  |  |
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| //KL]   |  |  |   |   |   | S.P. 5304-4  |                                  | ON AVE/OXFORD ST                             |                               | VES                   |                                       |                                |           |                               |
|---|--|--|---|---|---|--|----------------------------------|--|-------------------------------|-----------------------|---------------------------------------|--------------------------------|-----------|-------------------------------|
|   |  |  |   |   |   |  | PRELIMI                          | NARY COST ESTIMAT                            |                               | Service and the       |                                       |                                |           |                               |
| and the state of the | <b>经收款 建筑的市</b>  | and the share of the                       |   | ALTER                                       | NATIVE 5 (HUI   | MISTON AVENUE  | DIVIDED 4-L                      | ANE W/SIGNAL AT C                            | XFORD STR                     | EET AND RA            | AB AT RYAN                            | NS ROAD)                       |           |                               |
| ITEM DESCRIPTION  | UNITS  | UNIT BID PRICE                             | ESTIMATED<br>MnDOT<br>TRUNK HIGHWAY<br>QUANTITY | ESTIMATED<br>MnDOT<br>TRUNK HIGHWAY<br>COST | ESTIMATED<br>MnDOT<br>TURNBACK<br>QUANTITY  | ESTIMATED<br>MnDOT<br>TURNBACK<br>COST   | ESTIMATED<br>CSAH 35<br>QUANTITY | ESTIMATED CSAH 35<br>COST                    | ESTIMATED<br>CITY<br>QUANTITY | ESTIM.<br>CIT<br>CO   | TY                                    | ESTIMATED<br>TOTAL<br>QUANTITY |           | ESTIMATED<br>TOTAL<br>COST    |
|   | Real Providence  |  |   |   |   | (INCLUDES OXFORD S   | IREET AND HUM                    | PROJECT PRO-RATA<br>ISTON AVENUE NORTH OF TU | RNBACK FOR CA                 | LCULATION)            |                                       |                                |           |                               |
| MOBILIZATION  | LS   | \$ 1,380,000.00                            | 29%   | \$ 400,200.00                               | 64%   | \$ 883,200.00  | 3%                               | \$ 41,400.00                                 | 4%                            | Ś                     | 55,200.00                             |                                | \$        | 1,380,000.00                  |
| FIELD OFFICE & LAB  | LS   | \$ 80,000.00                               | 29%   | \$ 23,200.00                                | 64%   | \$ \$1,200.00  | 3%                               | \$ 2,400.00                                  | 4%                            | 5                     | 3,200.00                              |                                | Ś         | 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                              |                                | s         | 200,000.00                    |
|   |  | RO-RATA SUBTOTALS                          | Carl and a second state                         | \$ 481,400.00                               |   | \$ 1,062,400.00  |                                  | \$ 49,800.00<br>\$1,660,000.00               |                               | \$                    | 66,400.00                             |                                | \$        | 1,660,000.00                  |
|   |  |  |   |   |   |  |                                  | IUMISTON AVENUE                              |                               |                       |                                       |                                | -         |                               |
| RECONSTRUCTION ITEMS  |  |  | AN INCOMENTATION                                | Classication Control (Control)              | and the second states   |  | 1000                             | 1 7.005.00                                   | 1016                          | C.                    | 6 604 00                              | 11030                          | 15        | 71,695.00                     |
| REMOVE CURB AND GUTTER  | LIN FT<br>SQ FT  | \$ 6.50<br>\$ 1.25                         |   | \$ 17,231.50<br>\$                          | 6273<br>18173   | \$ 40,774.50<br>\$ 22,716.25   | 1090<br>4162                     | \$ 7,085.00<br>\$ 5,202.50                   | 1016<br>2969                  | \$                    | 3,711.25                              | 25304                          | 5         | 31,630.00                     |
| REMOVE CONCRETE SIDEWALK<br>REMOVE PAVEMENT   | SQ PT  | \$ 6.00                                    |   | \$ 39,054.00                                |   | \$ 143,484.00  | 2344                             | \$ 14,064.00                                 | 2714                          | S                     | 16,284.00                             | 35481                          | 5         | 212,886.00                    |
| EXCAVATION-COMMON   | CU YD  | \$ 25.00                                   | 6733  | \$ 168,325.00                               | 21413   | \$ 535,325.00  | 2141                             | \$ 53,525.00                                 | 3062                          | S                     | 76,550.00                             | 33349                          | \$        | 833,725.00                    |
| SELECT GRANULAR EMBANKMENT (CV)   | CU YD  | \$ 15.00                                   |   | \$ 53,865.00                                |   | s -  |                                  | \$ -<br>\$                                   |                               | s                     |                                       | 3591<br>15730                  | \$        | 53,865.00                     |
| GEOTEXTILE FABRIC TYPE 4  | SQ YD  | \$ 2.75                                    |   | \$ 84,525.00                                | 15730<br>602  | \$ 43,257.50<br>\$ 21,070.00   | 131                              | \$ 4,585.00                                  | 147                           | s                     | 5,145.00                              | 3295                           | s         | 115,325.00                    |
| AGGREGATE BASE (CV) CLASS 5<br>AGGREGATE BASE (CV) CLASS 5 MODIFIED   | CU YD<br>CU YD   | \$ 35.00<br>\$ 58.00                       |   | \$ 64,525.00<br>\$                          | 7663  | \$ 444,454.00  | 660                              | \$ 38,280.00                                 | 1004                          | s                     | 58,232.00                             | 9327                           | 5         | 540,966.00                    |
| DRAINABLE AGGREGATE BASE, TYPE DSB (CV)   | CU YD  | \$ 80.00                                   |   | \$ -  | 2846  | \$ 227,680.00  | 247                              | \$ 19,760.00                                 | 401                           | s                     | 32,080.00                             | 3494                           | \$        | 279,520.00                    |
| CONCRETE PAVEMENT 8.0"  | SQ YD  | \$ 90.00                                   |   | \$ .  |   | \$ 1,415,700.00  | 1331                             | \$ 119,790.00                                | 2236                          | s                     | 201,240.00                            | 19297                          | \$        | 1,736,730.00                  |
| BITUMINOUS PAVEMENT   | TON  | \$ 80.00                                   |   | \$ 168,640.00                               |   | \$ -   |                                  | s -  |                               | s                     |                                       | 2108                           | 6         | 168,640.00                    |
| MILL BITUMINOUS SURFACE (3.0")  | SQ YD<br>LIN FT  | \$ 2.00<br>\$ 12.50                        |   | \$ 47,475.00                                | 9772  | \$ -<br>\$ 122,150.00  | 964                              | \$ 12,050.00                                 | 1304                          | \$                    | 16.300.00                             | 15838                          | s         | 197,975.00                    |
| 4" PERF PE PIPE DRAIN<br>6" CONCRETE WALK   | SQ FT  | \$ 12.50                                   |   | \$ 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                                   |   | \$ 66,785.00                                |   | s -  | 138                              | \$ 13,110.00                                 | 147                           | \$                    | 13,965.00                             | 988                            | \$        | 93,860.00                     |
| CONCRETE CURB & GUTTER  | LIN FT   | \$ 35.00                                   |   | \$ 132,930.00                               | 9772  | \$ 342,020.00  | 964                              | \$ 33,740.00                                 | 1304                          | s                     | 45,640.00                             | 15838                          | 5         | 554,330.00                    |
| TRAFFIC CONTROL SIGNAL SYSTEM   | SYS  | \$ 300,000.00                              |   | \$ -  | 0.5   | \$ 150,000.00<br>\$  | 0.25                             | \$ 75,000.00<br>\$                           | 0.25                          | \$<br>c               | 75,000.00                             | 1                              | \$        | 300,000.00                    |
| REVISE SIGNAL SYSTEM  | SYS  | \$ 100,000.00                              |   | \$ -  |   | 5 -  |                                  | 5 .  |                               |                       |                                       |                                | 2         |                               |
|   |  | SUBTOTALS                                  | 12,944,210,000,000                              | \$ 919,012.50                               | CALCULATION OF THE PARTY OF THE P | \$ 3,870,527.25  | (1664) and (1894)                | \$ 440,638.00                                | S. Martine State              | \$                    | 594,347.75                            |                                | \$        | 5,824,525.50                  |
| ALLOCATION ITEMS  | ALLOCATION   | %  | SALEN SAME SE                                   | entral State Andrea                         | 网络拉拉法王拉法法拉  | 800 - Colora | and the second second            |  | and the second second         | and the second second |                                       | State States                   | Red House |                               |
| MISCELLANEOUS & DRAINAGE REMOVALS   | 1.0%   | \$ 59,000.00                               |   | \$ 9,440.00                                 | 66%   | \$ 38,940.00   | 8%                               | \$ 4,720.00                                  | 10%                           | s                     | 5,900.00                              |                                | 5         | 59,000.00<br>615,000.00       |
| LIGHTING  |  | \$ 575,000.00                              | 16%   | \$ 92,000.00                                |   | \$ 419,500.00<br>\$ 97,350.00  | 8%<br>8%                         | \$ 46,000.00<br>\$ 11,800.00                 | 10%                           | ş                     | 57,500.00<br>14,750.00                |                                | 5         | 147,500.00                    |
| SIGNING & STRIPING  | 2.5%   | \$ 147,500.00<br>\$ 590,000.00             | 16%   | \$ 23,600.00<br>\$ 94,400.00                | 66%<br>66%  | \$ 97,350.00<br>\$ 389,400.00  | 8%                               | \$ 47,200.00                                 | 10%                           | s                     | 59,000.00                             |                                | \$        | 590,000.00                    |
| DRAINAGE<br>EROSION CONTROL   | 1.0%   | \$ 59,000.00                               |   | \$ 9,440.00                                 | 66%   | \$ 38,940.00   | 8%                               | \$ 4,720.00                                  | 10%                           | s                     | 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%                           | S                     | 8,850.00                              |                                | \$        | 88,500.00                     |
| LANDSCAPING   | 0.5%   | \$ 29,500.00                               | 16%   | \$ 4,720.00                                 |   | \$ 19,470.00   | 8%                               | \$ 2,360.00                                  | 10%                           | s                     | 2,950.00                              |                                | \$        | 29,500.00                     |
| CITY UTILITIES  | LS   | States and Street and                      |   | \$ -  |   | \$ -   |                                  | \$ -   | 100%                          | 5                     |                                       |                                | 15        |                               |
|   | Contractor in the second   | SUBTOTALS                                  | Section of the section of                       | \$ 247,760.00                               | and the second second   | \$ 1,062,010.00  | and showing the                  | \$ 123,880.00                                |                               |                       | 154,850.00                            |                                | 5         | 1,588,500.00                  |
|   |  | TON AVENUE TOTALS                          | Concerns of the second                          | \$ 1,166,772.50                             |   | \$ 4,932,537.25  |                                  | \$ 564,518.00<br>\$7,413,025.50              | Sur pro-2                     | \$                    | 749,197.75                            |                                | \$        | 7,413,025.50                  |
|   |  | ORD STREET TOTALS                          | Repairies and                                   | \$ 342,994.00                               | AND STATISTICS.   | \$ 7,695,308.50  | nist y output                    | \$ -<br>\$8.038.302.50                       |                               | \$                    | and the second second                 |                                | \$        | 8,038,302.50                  |
|   | HUMISTON AVENUE (  | TREET GRAND TOTAL                          |   | \$ 1,542,341.25                             |   | s -  | and the second                   | \$ .   |                               | \$                    | na en la                              |                                | \$        | 1,542,341.25                  |
| HUN   | AISTON AVENUE (UNDER   |  |   |   |   | en de la completa de<br>La completa de la comp   |                                  | \$1,542,341.25                               | o Franklin Province           | And Antonio States    |                                       | Appendit Serie                 | 15        |                               |
| HUMIST  | HUMISTON AVENUE (NO<br>FON AVENUE (NORTH OF<br>(UNDER AND NORTH OF | FI-90) GRAND TOTAL                         |   | \$ 2,664,310.50                             |   | S  |                                  | \$ -<br>\$2,664,310.50<br>\$4,206,651.75     |                               | S                     | en state in die<br>Gebeure<br>Gebeure |                                |           | 2,664,310.50                  |
|   |  | TOTALS<br>CONTINGENCY (15%)                |   | \$ 6,197,818.25<br>\$ 929,672.74            |   | \$ 13,690,245.75<br>\$ 2,053,536.86  |                                  | \$ 614,318.00<br>\$ 92,147.70                |                               | \$                    | 815,597.75<br>122,339.66              |                                | \$        | 21,317,979.75<br>3,197,696.96 |
|   |  | ROUNDING UP                                |   | \$ 9.01                                     |   | \$ 17.39   |                                  | \$ 34.30                                     |                               | \$                    | 62.59                                 |                                | \$        | 23,29                         |
|   | GRAND TOT  | TALS (2022 DOLLARS)<br>TALS (2027 DOLLARS) |   | \$ 7,127,500<br>\$ 8,339,200                |   | \$ 15,743,800<br>\$ 18,420,300   |                                  | \$ 706,500<br>\$ 826,700                     | SCH OF STREET                 | \$                    | 938,000<br>1,097,500                  |                                | \$<br>\$  | 24,515,700<br>28,683,400      |
|   |  | TALS (2027 DOLLARS)                        |   | v   |   |  | e starter                        | \$24,515,700                                 | and the second                |                       | the second second                     |                                | - diama   | 1-15 Jac. 10                  |
| CONSTRUCTION ENGINEERING (8% OF CC  | PROJECT TO   | TAL (2027 DOLLARS)                         |   |   |   |  |                                  | \$28,683,400<br>\$66,200                     |                               | \$87,1                | 800 1                                 |                                |           |                               |

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

| ITEM DESCRIPTION  MOBILIZATION  FELD OFFICE & LAB  TRAFFIC CONTROL  I  RECONSTRUCTION ITEMS REMOVE CURB AND GUTTER REMOVE CURB THE INFORMATION  EXCANATION FOR STREE VALK REMOVE PAVEMENT EXCANATION COMMON |  | UNIT BID PRICE  | ESTIMATED<br>MnDOT<br>TRUNK HIGHWAY<br>QUANTITY | ESTIMATED<br>MnDOT<br>TRUNK HIGHWAY<br>COST  | ESTIMATED<br>MnDOT<br>TURNBACK | ESTIMATED<br>MnDOT                |                     | DED 4-LANE W/RAB                            | The state of the              |                                |  |                             |
|---|--|---|---|--|--------------------------------|-----------------------------------|---------------------|---|-------------------------------|--------------------------------|--|-----------------------------|
| MOBILIZATION FIELD OFFICE & LAB<br>TRAFFIC CONTROL<br>RECONSTRUCTION ITEMS<br>REMOVE CURB AND GUTTER<br>REMOVE CURB AND GUTTER<br>REMOVE CONCRETE SIGNALK<br>REMOVE CONCRETE SIGNALK                        | ана на на<br>1970 година<br>1970 годи 1970 годи 1970 годи 1970<br>1970 годи 1970 годи 1970<br>1970 го |   | MnDOT<br>TRUNK HIGHWAY                          | MnDOT<br>TRUNK HIGHWAY                       | MnDOT<br>TURNBACK              | MnDOT                             | ESTIMATED           |   |                               |                                |  |                             |
| TREED OFFICE & LAB  | LS   | 5 1 380 000 00  |   |  | QUANTITY                       | TURNBACK                          | CSAH 35<br>QUANTITY | ESTIMATED CSAH 35<br>COST                   | ESTIMATED<br>CITY<br>QUANTITY | ESTIMATED<br>CITY<br>COST      | ESTIMATED<br>TOTAL<br>QUANTITY           | ESTIMATED<br>TOTAL<br>COST  |
| FIELD OFFICE & LAB TRAFFIC CONTROL  RECONSTRUCTION ITEMS REMOVE CURB AND GUTTER REMOVE CURB AND GUTTER REMOVE CONCRETE SIDEWALK REMOVE CONCRETE SIDEWALK REMOVE PAVEMBET                                    | LS   | \$ 1380,000,00  | S Development and the second second             |  |                                | (INCLUDES OXFORD S                |                     | ROJECT PRO-RATA<br>STON AVENUE NORTH OF TUP | INBACK FOR CALC               | ULATION}                       |  |                             |
| TRAFFIC CONTROL  RECONSTRUCTION ITEMS REMOVE CURB AND GUTTER REMOVE CONCRETE SIDEWALK REMOVE PAVEMENT   |  |   | 30%   | \$ 414,000.00                                | 65%                            | 897,000.00                        | 2%                  | \$ 27,600.00                                | 3%                            | \$ 41,400.00                   |  | \$ 1,380,00<br>\$ 80,00     |
| RECONSTRUCTION ITEMS<br>REMOVE CURB AND GUTTER<br>REMOVE CONCRETE SIDEWALK<br>REMOVE PAVEMENT   |  | \$ 80,000.00<br>\$ 200,000.00                                 | 30%<br>30%                                      | \$ 24,000.00<br>\$ 60,000.00                 | 65%<br>65%                     | \$ 52,000.00<br>\$ 130,000.00     | 2%<br>2%            | \$ 1,600.00<br>\$ 4,000.00                  | 3%<br>3%                      | \$ 2,400.00<br>\$ 6,000.00     |  | \$ 200,00                   |
| RECONSTRUCTION ITEMS<br>REMOVE CUBB AND GUTTER<br>REMOVE CONCRETE SIDEWALK<br>REMOVE PAVEMENT   |  | O-RATA SUBTOTALS  |   | \$ 498,000.00                                |                                | 1,079,000.00                      |                     | \$ 33,200.00<br>\$1,660,000.00              |                               | \$ 49,800.00                   |  | \$ 1,660,00                 |
| REMOVE CURB AND GUTTER<br>REMOVE CONCRETE SIDEWALK<br>REMOVE PAVEMENT   | PROJECT PRO-   | RATA GRAND TOTAL  |   |  |                                |                                   | H                   | UMISTON AVENUE                              |                               |                                |  |                             |
| REMOVE CONCRETE SIDEWALK<br>REMOVE PAVEMENT   | LINET  | 6 ED  | 2651  | \$ 17,231.50                                 | 6273                           | \$ 40,774.50                      | 1090                | \$ 7,085.00                                 | 1016                          | \$ 6,604.00                    | 11030                                    | \$ 71,69                    |
| REMOVE PAVEMENT   | LIN FT<br>SQ FT  | \$ 6.50<br>\$ 1.25  |   | \$ 17,231.50                                 | 18173                          |                                   | 4162                | \$ 5,202.50                                 | 2969                          | \$ 3,711.25                    | 25304                                    | \$ 31,63                    |
|   | SQ YD  | \$ 6.00   |   | \$ 41,346.00                                 | 23914                          | 5 143,484.00                      | 2344                | \$ 14,054.00                                | 2714                          | \$ 16,284.00                   | 35863                                    | \$ 215,17                   |
|   | CU YD  | \$ 25.00  | 6731  | \$ 168,275.00                                | 21144                          |                                   | 2096                | \$ 52,400.00                                | 2610                          | \$ 65,250.00                   | 32581                                    | \$ 814,52                   |
| SELECT GRANULAR EMBANKMENT (CV)   | CU YD  | \$ 15.00  |   | \$ 53,850.00                                 |                                | ; ·                               |                     | \$ -  |                               | s -                            | 3590                                     | \$ 53,85                    |
| GEOTEXTILE FABRIC TYPE 4  | SQ YD  | \$ 2.75   |   | \$ -   |                                | s -                               |                     | s -   |                               | \$ -                           |  | \$                          |
| AGGREGATE BASE (CV) CLASS 5   | CU YD  | \$ 35.00  |   | \$ 84,525.00                                 | 520                            |                                   | 136                 | \$ 4,760.00                                 | 162                           | \$ 5,670.00                    | 3233                                     | \$ 113,15                   |
| AGGREGATE BASE (CV) CLASS 5 MODIFIED  | CU YD  | \$ 58.00  |   | <u>s</u> .                                   | 7678 2844                      |                                   | 635                 | \$ 36,830.00<br>\$ 18,320.00                | 802                           | \$ 46,516.00<br>\$ 25,280.00   | 9115<br>3389                             | \$ 528,67<br>\$ 271,12      |
| DRAINABLE AGGREGATE BASE, TYPE DSB (CV)   | CU YD  | \$ 80.00  |   | \$ .   |                                | \$ 227,520.00<br>\$ 1,400,670.00  | 1202                | \$ 108,180.00                               | 1753                          | \$ 157,770.00                  | 18518                                    | \$ 1,666,62                 |
| CONCRETE PAVEMENT 8.0"  | SQ YD<br>TON   | \$ 90.00<br>\$ 80.00  |   | \$ 168,640.00                                | 15563                          | 1,400,870.00                      | 1202                | \$ 108,180.00                               | 41.00                         | s -                            | 2108                                     | \$ 168,64                   |
| BITUMINOUS PAVEMENT   | SQ YD  | \$ 2.00   |   | \$ 188,640.00                                |                                |                                   |                     | s .   |                               | s .                            |  | s                           |
| MILL BITUMINOUS SURFACE (3.0")<br>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                                    | \$ 201,85                   |
| 6" CONCRETE WALK  | SQ FT  | \$ 8.50   | 16472   | \$ 140,012.00                                | 40027                          | \$ 340,229.50                     | 7092                | \$ 60,282.00                                | 5695                          | \$ 48,407.50                   | 69286                                    | \$ 588,93                   |
| 8" CONCRETE DRIVEWAY PAVEMENT   | SQ YD  | \$ 95.00  | 705   | \$ 66,975.00                                 |                                | 5 -                               |                     | \$ -  | 147                           | \$ 13,965.00                   | 852                                      | \$ 80,94                    |
| CONCRETE CURB & GUTTER  | LIN FT   | \$ 35.00  | 3791  | \$ 132,685.00                                | 10298                          | \$ 360,430.00                     | 1000                | \$ 35,000.00                                | 1059                          | \$ 37,065.00                   | 16148                                    | \$ 565,18                   |
| TRAFFIC CONTROL SIGNAL SYSTEM   | SYS  | \$ 300,000.00   |   | \$ .   |                                | ; .                               |                     | \$ -  | <u></u>                       | s -                            |  | \$                          |
| REVISE SIGNAL SYSTEM  | SYS  | \$ 100,000.00   |   | \$ -   |                                | ; .                               |                     | s -   |                               | s -                            |  | \$                          |
|   | and shared   | SUBTOTALS   | awaraayabaayaa                                  | \$ 920,927.00                                | Building the second            | 3,656,673.25                      | mbriddeler arte     | \$ 354,623.50                               |                               | \$ 439,760.25                  | 28.00 ANA                                | \$ 5,371,98                 |
|   | ALLOCATIONS  | · Contractor of the   | NAMES AND STRUCTURE                             | and white the state of the                   |                                | Colorest Colorest of which the se | COLOR AND COLOR     | CANAGE CONSIGNATION OF STREET               | and the second states of      | NAL INCOMENDARY                | will the shares at                       | NEED CONTRACTOR             |
| ALLOCATION ITEMS<br>MISCELLANEOUS & DRAINAGE REMOVALS   | ALLOCATION 9<br>1.0%   | \$ 59,000.00  | 17%   | \$ 10,030.00                                 | 68%                            | \$ 40,120.00                      | 7%                  | \$ 4,130.00                                 | 8%                            | \$ 4,720.00                    |  | \$ 59,00                    |
| LIGHTING  | 1.076  | \$ 575,000.00   | 17%   | \$ 97,750.00                                 | 68%                            |                                   | 7%                  | \$ 40,250.00                                | 8%                            | \$ 46,000.00                   |  | \$ 575,00                   |
| SIGNING & STRIPING  | 2.5%   | \$ 147,500.00   | 17%   | \$ 25,075.00                                 | 68%                            | 5 100,300.00                      | 7%                  | \$ 10,325.00                                | 8%                            | \$ 11,800.00                   |  | \$ 147,50                   |
| DRAINAGE  | 10.0%  | \$ 590,000.00   | 17%   | \$ 100,300.00                                | 68%                            | 401,200.00                        | 7%                  | \$ 41,300.00                                | 8%                            | \$ 47,200.00                   |  | \$ 590,00                   |
| EROSION CONTROL   | 1.0%   | \$ 59,000.00  | 17%   | \$ 10,030.00                                 | 68%                            |                                   | 7%                  | \$ 4,130.00                                 | 8%                            | \$ 4,720.00                    |  | \$ 59,00<br>\$ 88,50        |
| TURF ESTABLISHMENT  | 1.5%   | \$ 88,500.00  | 17%   | \$ 15,045.00                                 |                                | \$ 60,180.00                      | 7%                  | \$ 6,195.00<br>\$ 2,065.00                  | 8%<br>8%                      | \$ 7,080.00<br>\$ 2,360.00     |  | \$ 29,50                    |
| LANDSCAPING   | 01079  | \$ 29,500.00  | 17%   | \$ 5,015.00<br>\$                            | 68%                            | \$ 20,060.00                      | 7%                  | \$ 2,065.00<br>\$ -                         | 8%                            | \$ 2,360.00                    |  | \$ 29,50                    |
| CITY UTILITIES  | LS   | Contraction and the second second                             |   | 5 -  |                                | -                                 |                     | 5   | 100%                          | 2                              |  |                             |
|   |  | SUBTOTALS   |   | \$ 263,245.00                                | the second states of           |                                   | and the states      | \$ 108,395.00                               |                               | \$ 123,880.00<br>\$ 563,640.25 |  | \$ 1,548,50<br>\$ 6,920,48  |
|   |  | ON AVENUE TOTALS  |   | \$ 1,184,172.00                              |                                | 4,709,653.25                      |                     | \$ 463,018.50<br>\$6,920,484.00             |                               | \$ 563,640.25                  | n na ann an a | \$ 6,920,48                 |
|   |  | ORD STREET TOTALS   | The second second                               | \$ 342,994.00                                |                                | 7,695,308.50                      |                     | \$ -<br>\$8,038,302.50                      | niosen Astron                 | s                              |  | \$ 8,038,30                 |
|   |  | REET GRAND TOTAL  |   | \$ 1,542,341.25                              |                                |                                   | National Action     | \$ -  |                               | s -                            |  | \$ 1,542,34                 |
|   |  | I-90) GRAND TOTAL   | Alter Contraction                               | <b>,,,,,,,,,,,</b> ,,,,,,,,,,,,,,,,,,,,,,,,, | Siz and Sizahara               | and a reaction of                 | 942011350(***)      | \$1,542,341.25                              | 2141231990124                 |                                |  |                             |
|   | UE (NORTH OF   | RTH OF I-90) TOTALS<br>I-90) GRAND TOTAL<br>I-90) GRAND TOTAL |   | \$ 2,664,310.50                              | 5                              | •                                 |                     | \$ -<br>\$2,664,310.50<br>\$4,206,651.75    |                               | <b>\$</b> -                    |  | \$ 2,664,31                 |
|   |  | TOTALS<br>CONTINGENCY (15%)                                   |   | \$ 6,231,820.00<br>\$ 934,773.00             |                                | 13,483,961.75                     |                     | \$ 496,218.50<br>\$ 74,432.78               |                               | \$ 613,440.25<br>\$ 92,016.04  |  | \$ 20,825,43<br>\$ 3,123,81 |
|   |  | ROUNDING UP   |   | \$ 7.00                                      |                                | 43.99                             |                     | \$ 48.72                                    | - desire the set              | \$ 43.71                       |  | s                           |
|   | GRAND TOT  | ALS (2022 DOLLARS)  |   | \$ 7,166,600                                 |                                | 15,506,600                        |                     | \$ 570,700                                  |                               | \$ 705,500<br>\$ 825,500       |  | \$ 23,949<br>\$ 28,020      |
|   |  | ALS (2027 DOLLARS)  |   | \$ 8,385,000                                 |                                | 18,142,800                        |                     | \$ 667,800                                  |                               |                                |  | 28,020                      |
|   |  | TAL (2022 DOLLARS)<br>TAL (2027 DOLLARS)                      | All and a second second                         |  |                                | and the second second second      |                     | \$28,020,700                                | and the state                 |                                |  |                             |
| CONSTRUCTION ENGINEERING (8% OF CONSTRUCT   |  |   |   |  |                                | 1. 200 - 200 Vices                | Rosellin Land       | \$53,500                                    |                               | \$65,100                       |  |                             |

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

| « KLJ   |   |  |   |   |   | S.P. 5304-4                            |  | ON AVE/OXFORD ST                             |  | 'ES                       |                                |                 |                             |
|---|---|--|---|---|---|--|--|--|--|---------------------------|--------------------------------|-----------------|-----------------------------|
|   |   |  |   | ALTER                                       | NATIVE 2 (HUN   |  | and the second | -LANE W/SIGNAL AT                            |  | REFT & RAB AT             | RYANS ROAD)                    | 2013 Aug. 11 10 |                             |
| ITEM DESCRIPTION                                      | UNITS   | UNIT BID PRICE                           | ESTIMATED<br>MnDOT<br>TRUNK HIGHWAY<br>QUANTITY | ESTIMATED<br>MnDOT<br>TRUNK HIGHWAY<br>COST | ESTIMATED<br>MnDOT<br>TURNBACK<br>QUANTITY  | ESTIMATED<br>MnDOT<br>TURNBACK<br>COST | ESTIMATED<br>CSAH 35<br>QUANTITY   | ESTIMATED CSAH 35<br>COST                    | ESTIMATED<br>CITY<br>QUANTITY  | ESTIMATED<br>CITY<br>COST | ESTIMATED<br>TOTAL<br>QUANTITY |                 | ESTIMATED<br>TOTAL<br>COST  |
|   |   |  |   |   |   | (INCLUDES OXFORD ST                    | REET AND HUM   | PROJECT PRO-RATA<br>ISTON AVENUE NORTH OF TU | RNBACK FOR CAL   | CULATION)                 |                                |                 |                             |
| MOBILIZATION  | LS  | \$ 1,380,000.00                          | 27%   | \$ 372,600.00                               | 68% 5   | 938,400.00                             | 3%   | \$ 41,400.00                                 | 2%   | \$ 27,60                  |                                | \$              | 1,380,000.                  |
| FIELD OFFICE & LAB<br>TRAFFIC CONTROL                 | دا<br>دا  | \$ 80,000.00<br>\$ 200,000.00            | 27%   | \$ 21,600.00<br>\$ 54,000.00                | 68% 5   |  | 3%   | \$ 2,400.00<br>\$ 6,000.00                   | 2%   | \$ 1,60<br>\$ 4,00        |                                | \$              | 80,000.0                    |
| TRAFFIC CONTROL                                       |   |  |   |   |   |  | 570  |  |  |                           |                                |                 |                             |
|   |   | RO-RATA SUBTOTALS                        |   | \$ 448,200.00                               | \$  | 1,128,800.00                           | estado de sente<br>State Surgia este<br>State Surgia este  | \$ 49,800.00<br>\$1,660,000.00               | and the second s | \$ 33,20                  | 0.00                           | 5               | 1,660,000.0                 |
| RECONSTRUCTION ITEMS                                  |   |  |   | Constanting of the second                   |   |  | and the second second  | HUMISTON AVENUE                              |  |                           |                                |                 |                             |
| REMOVE CURB AND GUTTER                                | LIN FT  | \$ 6.50                                  |   | \$ 17,231.50                                | 6273 5  |  | 1090   | \$ 7,085.00                                  | 1016   | \$ 6,60                   |                                | 5               | 71,695.                     |
| REMOVE CONCRETE SIDEWALK                              |   | \$ 1.25                                  |   | \$ .  | 18173 5   |  | 4162   | \$ 5,202.50                                  | 2969<br>2714   | \$ 3,71<br>\$ 16,28       |                                | \$              | 31,630.0<br>215,178.0       |
| REMOVE PAVEMENT                                       | SQ YD<br>CU YD  | \$ 6.00<br>\$ 25.00                      | 6891<br>5046                                    | \$ 41,346.00<br>\$ 126,150.00               | 23914 S<br>19526 S  |  | 2344 2030  | \$ 14,064.00<br>\$ 50,750.00                 | 2714   | S 16,28                   |                                | \$              | 714,450.0                   |
| EXCAVATION-COMMON<br>SELECT GRANULAR EMBANKMENT (CV)  | CU YD<br>CU YD  | \$ 25.00<br>\$ 15.00                     | 2691  | \$ 126,150.00<br>\$ 40,365.00               | 19526   |  | 2030   | \$ 50,750.00                                 | 1970   | \$                        | - 2691                         | \$              | 40,365.                     |
| GEOTEXTILE FABRIC TYPE 4                              | SQ YD   | \$ 2.75                                  | 1051  | \$ -  | 14739 5   | 40,532.25                              |  | \$ -   |  | S                         | - 14739                        | \$              | 40,532.                     |
| AGGREGATE BASE (CV) CLASS 5                           | CU YD   | \$ 35.00                                 | 1950  | \$ 68,250.00                                | 560 5   | *********                              | 116  | \$ 4,060.00                                  | 122  | \$ 4,27                   |                                | \$              | 96,180.0                    |
| AGGREGATE BASE (CV) CLASS 5 MODIFIED                  | CU YD   | \$ 58.00                                 |   | \$ .  | 6970 \$   | 404,260.00                             | 639  | \$ 37,062.00                                 | 607  | \$ 35,20                  |                                | S               | 476,528.                    |
| DRAINABLE AGGREGATE BASE, TYPE DSB (CV)               | CU YD   | \$ 80.00                                 |   | <u>s</u> -                                  | 2727 5  |  | 244 1336   | \$ 19,520.00<br>\$ 120,240.00                | 249<br>1466  | \$ 19,92<br>\$ 131,94     |                                | 5               | 257,600.0                   |
| CONCRETE PAVEMENT 8.0"                                |   | \$ 90.00<br>\$ 80.00                     | 1514  | \$ -<br>\$ 121,280.00                       | 14739 5   | 1,326,510.00                           | 1530   | \$ 120,240.00                                | 1400   | S 131,94                  | - 1516                         | \$              | 1,378,890.0                 |
| BITUMINOUS PAVEMENT<br>MILL BITUMINOUS SURFACE (3.0") | TON<br>SQ.YD  | \$ 80.00<br>\$ 2.00                      | 1516  | \$ .  | 3   |  |  | 5 -  |  | s                         |                                | \$              |                             |
| 4" PERF PE PIPE DRAIN                                 | LIN FT  | \$ 12.50                                 | 3483  | \$ 43,537.50                                | 10483 \$  |  | 876  | \$ 10,950.00                                 | 563  | \$ 7,03                   |                                | \$              | 192,562.                    |
| 6" CONCRETE WALK                                      | SQ FT   | \$ 8.50                                  | 17335   | \$ 147,347.50                               | 31073 \$  | 264,120.50                             | 4331   | \$ 36,813.50                                 | 3384   | \$ 28,76                  |                                | \$              | 477,045.5                   |
| 8" CONCRETE DRIVEWAY PAVEMENT                         | SQ YD   | \$ 95.00                                 | 548   | \$ 52,060.00                                | 9   |  | 138  | \$ 13,110.00                                 | 147  | \$ 13,96                  |                                | \$              | 79,135.0                    |
| CONCRETE CURB & GUTTER                                | LIN FT  | \$ 35.00                                 | 3483  | \$ 121,905.00                               | 10483 \$  |  | 876  | \$ 30,660.00                                 | 563  | \$ 19,70                  | 5.00 15405                     | S               | 539,175.0                   |
| TRAFFIC CONTROL SIGNAL SYSTEM                         | SYS<br>SYS  | \$ 300,000.00<br>\$ 100,000.00           |   | s -   | \$  |  |  | \$ ·   |  | 5                         |                                | s               |                             |
| REVISE SIGNAL SYSTEM                                  | 515   | 3 100,000,00                             |   | · ·   | 1   |  |  |  |  |                           |                                |                 |                             |
|   |   | SUBTOTALS                                |   | \$ 779,472.50                               | \$  | 3,466,250.00                           | Sector Sectors   | \$ 349,517.00                                | Contraction of the   | \$ 336,80                 | 6.75                           | \$              | 4,932,046.2                 |
| ALLOCATION ITEMS                                      | ALLOCATION  |  | <b>MUNICIPALITY</b>                             | SHIPS PROVINCE SHIP                         |   | HING & STREET, LONG                    | Nelas-William (185)  | 10 11000                                     | 70/  | \$ 4,13                   | 00                             | Is              | 59,000.0                    |
| MISCELLANEOUS & DRAINAGE REMOVALS                     | 1.0%  | \$ 59,000.00<br>\$ 575,000.00            | 16%   | \$ 9,440.00<br>\$ 92,000.00                 | 70% \$  | 41,300.00                              | 7%   | \$ 4,130.00<br>\$ 40,250.00                  | 7%   | \$ 40,25                  |                                | 5               | 655,000.0                   |
| LIGHTING<br>SIGNING & STRIPING                        | 2.5%  | \$ 147,500.00                            | 16%   | \$ 23,600.00                                | 70% 5   | 103,250.00                             | 7%   | \$ 10,325.00                                 | 7%   | \$ 10,32                  |                                | \$              | 147,500.0                   |
| DRAINAGE  | 10.0%   | \$ 590,000.00                            | 16%   | 5 94,400.00                                 | 70% \$  |  | 7%   | \$ 41,300.00                                 | 7%   | \$ 41,30                  |                                | \$              | 590,000.0                   |
| EROSION CONTROL                                       | 1.0%  | \$ 59,000.00                             | 16%   | \$ 9,440.00                                 | 70% \$  |  | 7%   | \$ 4,130.00                                  | 7%   | \$ 4,13                   |                                | 5               | 59,000.0                    |
| TURF ESTABLISHMENT                                    | 1.5%  | \$ 88,500.00                             | 16%   | \$ 14,160.00                                | 70% 5   |  | 7%   | \$ 6,195.00                                  | 7%   | \$ 6,19                   |                                | \$              | 88,500.0                    |
| LANDSCAPING   | 0.5%  | \$ 29,500.00                             | 16%   | \$ 4,720.00                                 | 70% \$  |  | 7%   | \$ 2,065.00                                  | 7%<br>100%   | \$ 2,06<br>\$             | 5.00                           | \$              | 29,500.0                    |
| CITY UTILITIES  | LS  |  |   | \$ .  | \$  |  |  | \$ -   | 100/8  |                           |                                | 1.4             |                             |
|   |   | SUBTOTALS                                | MULTING STREET                                  | \$ 247,760.00                               | \$  |  | e casalisa a   | \$ 108,395.00                                | and the late   | \$ 108,39                 |                                | \$              | 1,628,500.0                 |
|   |   | ON AVENUE TOTALS                         |   | \$ 1,027,232.50                             | \$  | 4,630,200.00                           |  | \$ 457,912.00<br>\$6,560,546.25              | Ander Statistical and<br>In Statistical and Art  | \$ 445,20                 | .75                            | \$              | 6,560,546.2                 |
|   |   | ORD STREET TOTALS                        |   | \$ 342,994.00                               | \$  | 7,695,308.50                           |  | \$ -<br>\$8,038,302.50                       | auguterolisus  | \$                        |                                | \$              | 8,038,302.5                 |
|   | HUMISTON AVENUE (   |  | alesso di stare                                 | \$ 1,365,324.25                             | \$  |  | and the state  | \$   |  | \$                        | · a maxwala                    | \$              | 1,365,324.2                 |
|   | STON AVENUE (UNDER  | I-90) GRAND TOTAL                        | and a second second                             | Line Gunometrick/Jeon                       |   |  | The objects  | \$1,365,324.25                               |  | 1                         | • al Secondaria                | ls              | 2,037,660.0                 |
| HUMIST  | JMISTON AVENUE (NO<br>DN AVENUE (NORTH OF<br>UNDER AND NORTH OF | I-90) GRAND TOTAL                        |   | \$ 2,037,660.00                             | <u></u>   |  |  | \$ -<br>\$2,037,660.00<br>\$3,402,984.25     |  | 3                         |                                | 19              |                             |
|   |   | TOTALS<br>CONTINGENCY (15%)              |   | \$ 5,221,410.75<br>\$ 783,211.61            | 5<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1                | 13,454,308.50<br>2,018,146.28          |  | \$ 507,712.00<br>\$ 76,156.80                |  | \$ 478,40<br>\$ 71,76     |                                | \$<br>\$        | 19,661,833.0<br>2,949,274.5 |
|   |   | ROUNDING UP                              | April 10  | \$ 77.64                                    | States and s | 45.22                                  |  | \$ 31.20                                     |  | \$ 3                      | .99 \$ -                       | \$              | 92.0                        |
|   |   | ALS (2022 DOLLARS)<br>ALS (2027 DOLLARS) |   | \$ 6,004,700<br>\$ 7,025,500                | S<br>S  | 15,472,500<br>18,102,900               |  | \$   |  | \$ 550,<br>\$ 643,        | 200 \$ -<br>800 \$ -           | \$<br>\$        | 22,611,20<br>26,455,20      |
|   | PROJECT TO  | TAL (2022 DOLLARS)                       | an ha san                                       |   |   |  |  | \$22,611,200                                 |  |                           |                                | 1310 010        | and the second states in    |
|   | PROJECT TO  | TAL (2027 DOLLARS)                       |   |   |   |  |  | \$26,455,200<br>\$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.

| //KL]  |   |                     |  |   |  | S.P. 5304  |  | N AVE/OXFORD ST                             |  | /ES  |  |                    |                            |
|--|---|---------------------|--|---|--|--|--|---|--|--|--|--------------------|----------------------------|
|  |   |                     |  |   |  |  | PRELIMIN   | NARY COST ESTIMAT                           | B  |  |  | dile               |                            |
| and the second | Anter Alexand                             | 通知的局部通知             |  |   |  | ALTERNATIVE  | 0 (HUMISTOR  | NAVENUE - NO BUIL                           | D/MILL &O  | VERLAY)  |  |                    |                            |
| ITEM DESCRIPTION   | UNITS                                     | UNIT BID PRICE      | ESTIMATED<br>MnDOT<br>TRUNK HIGHWAY<br>QUANTITY  | ESTIMATED<br>MnDOT<br>TRUNK HIGHWAY<br>COST | ESTIMATED<br>MnDOT<br>TURNBACK<br>QUANTITY | ESTIMATED<br>MnDOT<br>TURNBACK<br>COST   | ESTIMATED<br>CSAH 35<br>QUANTITY                     | ESTIMATED CSAH 35<br>COST                   | ESTIMATED<br>CITY<br>QUANTITY  | ESTIMATED<br>CITY<br>COST  | ESTIMATED<br>TOTAL<br>QUANTITY   |                    | ESTIMATED<br>TOTAL<br>COST |
|  |   |                     |  |   |  | (INCLUDES OXFORD   |  | PROJECT PRO-RATA<br>STON AVENUE NORTH OF TU | RNBACK FOR CAL   | culation)  |  |                    |                            |
| MOBILIZATION   | LS  | \$ 1,380,000.00     | 74%  | \$ 510,600.00                               | s  |  | 5%   | \$ 34,500.00                                | 21%  | \$ 144,900   | .00  | \$                 | 690,00                     |
| FIELD OFFICE & LAB   |   | \$ 80,000.00        | 74%  | \$ 29,600.00                                | Ś  |  | 5%   | \$ 2,000.00                                 | 21%  | \$ 16,800  |  | \$                 | 48,40                      |
| TRAFFIC CONTROL  | LS  | \$ 200,000.00       | 74%  | \$ 74,000.00                                | s  |  | 5%   | \$ 5,000.00                                 | 21%  | \$ 42,000  | .00  | 5                  | 121,00                     |
|  |   |                     |  | \$ 614,200.00                               | S  | and a frequency frequency  | and the second                                       | \$ 41,500.00                                | Deconstructure administra  | \$ 203,700   | 00   | \$                 | 859,40                     |
|  |   | RO-RATA SUBTOTALS   | and offer a south of an  | 5 614,200.00                                | 3  |  | miner manager  | \$859,400.00                                | a station and a station  |  |  | Silver ( ) and     | Service Astronomics        |
|  | TROLETTRO                                 |                     |  |   |  |  |  |   |  |  |  |                    |                            |
|  | STATE OF STATE OF STATE                   |                     |  |   |  |  | UPPORT FILE  | UMISTON AVENUE                              | - 1950 - 1960 (Pro-  |  |  |                    |                            |
| CONSTRUCTION ITEMS   | and Policy and Policy and Policy          | S 6.50              | 508  | \$ 3,302.00                                 | east, for the market of                    | enantezzi intervati inter  | 1090   | \$ 7,085.00                                 | 1016   | \$ 6,604   | .00  | Is                 | 16,9                       |
| REMOVE CURB AND GUTTER   | LIN FT<br>SQ.FT                           | \$ 6.50<br>\$ 1.25  |  | \$ 3,302.00<br>\$ 2,647.50                  | S  |  | 4162   | \$ 5,202.50                                 | 2969   | \$ 3,711   |  | s                  | 11,50                      |
| IEMOVE CONCRETE SIDEWALK   | SQ FI                                     | \$ 6.00             |  | \$ 12,876.00                                | 5  |  | 2344   | \$ 14,064.00                                | 2714   | \$ 16,284  |  | \$                 | 43,23                      |
| XCAVATION-COMMON   |   | \$ 25.00            |  | \$ 52,675.00                                | 5  |  | 2141   | \$ 53,525.00                                | 3062   | \$ 76,550  |  | \$                 | 182,7                      |
| ELECT GRANULAR EMBANKMENT (CV)   |   | \$ 15.00            |  | s -   | 5  |  |  | \$ -  |  | \$   | • )  | 5                  |                            |
| EOTEXTILE FABRIC TYPE 4  | SQ YD                                     | \$ 2.75             | 2146   | \$ 5,901.50                                 | \$   |  | 1331   | \$ 3,660.25                                 |  | \$   | - 3477   | \$                 | 9,56                       |
| GGREGATE BASE (CV) CLASS 5   | CU YD                                     | \$ 35.00            | 100  | \$ 3,500.00                                 | s  |  | 131  | \$ 4,585.00                                 | 401  | \$ 14,035  |  | \$                 | 22,1                       |
| GGREGATE BASE (CV) CLASS 5 MODIFIED  | CU YD                                     | \$ 58.00            | 787  | \$ 45,646.00                                | S  |  | 660  | \$ 38,280.00                                | 1004   | \$ 58,232  |  | \$                 | 142,1                      |
| RAINABLE AGGREGATE BASE, TYPE DSB (CV)   | CU YD                                     | \$ 80.00            |  | \$ -  | \$   |  | 247  | \$ 19,760.00                                | 401  | \$ 32,080  |  | \$                 | 51,8                       |
| ONCRETE PAVEMENT 8.0"  | SQ YD                                     | \$ 90.00            | 2146   | \$ 193,140.00                               | s  |  | 1331   | \$ 119,790.00                               | 2236   | \$ 201,240   | - 6219   | \$                 | 514,1 497,5                |
| BITUMINOUS PAVEMENT  | TON                                       | \$ 80.00            | 6219   | \$ 497,520.00                               | s  |  | -  | <u>s</u> -                                  |  | 6  | 6219   | 6                  | 73,3                       |
| MILL BITUMINOUS SURFACE (3.0")   | SQ YD                                     | \$ 2.00             |  | \$ 73,382.00<br>\$ 6,425.00                 | S  |  | 964  | \$ 12,050.00                                | 1304   | \$ 16,300  | .00 2782   | s                  | 34,77                      |
| * PERF PE PIPE DRAIN   | LIN FT<br>SQ FT                           | \$ 12.50<br>\$ 8.50 | 514<br>2303  | \$ 6,425.00<br>\$ 19,575.50                 |  |  | 5229   | \$ 44,446,50                                | 5129   | \$ 43,596  |  | Ś                  | 107.6                      |
| " CONCRETE WALK<br>" CONCRETE DRIVEWAY PAVEMENT  | SQ YD                                     | \$ 95.00            | 2303   | \$ .  | 5  |  | 138  | \$ 13,110.00                                | 147  | \$ 13,965  |  | \$                 | 27,0                       |
| CONCRETE CURB & GUTTER   | LIN FT                                    | \$ 35.00            | 514  | \$ 17,990.00                                | s  |  | 964  | \$ 33,740.00                                | 1304   | \$ 45,640  | .00 2782   | \$                 | 97,3                       |
| TRAFFIC CONTROL SIGNAL SYSTEM  | SYS                                       | \$ 300,000.00       | 0.5  | \$ 150,000.00                               | \$   | ( • )  | 0.25   | \$ 75,000.00                                | 0.25   | \$ 75,000  |  | \$                 | 300,00                     |
| REVISE SIGNAL SYSTEM   | SYS                                       | \$ 100,000.00       | 0.75   | \$ 75,000.00                                | s  | •  |  | \$ -  | 0.25   | \$ 25,000  | .00 1  | \$                 | 100,00                     |
|  |   |                     |  |   |  |  |  |   |  |  |  |                    |                            |
|  | NATE OF STREET                            | SUBTOTALS           | CARGE AND A STREET OF A ST   | \$ 1,159,580.50                             | \$   | 金融通過的時期出版。<br>2  | a di Balancia di Santa                               | \$ 444,298.25                               | Distance Mar   | \$ 628,237   | .75  | S                  | 1,832,11                   |
|  | ALLOCATION                                |                     | NO DOWN HAPPON CALMENT   | Contrary a contrary on the street of        | A A MARKING AND A REAL                     | CLUXING STREET, CONTRACTOR   | ALL DE ANDARTH ST                                    | A MARKED AND A STREET AND                   | Site and etclosed  | adalasti ana seria ana data  | and an international   | TST PERC           | odvan undid:               |
| LOCATION ITEMS<br>MISCELLANEOUS & DRAINAGE REMOVALS  | 1.0%                                      | \$ 59,000.00        | 52%  | \$ 30,680.00                                | 5  |  | 20%  | \$ 11,800.00                                | 28%  | \$ 16,520  | .00  | \$                 | 59,00                      |
| IGHTING  | 1.070                                     | \$ 575,000.00       |  | \$ .  | S  |  |  | \$ -  | 100%   | \$ 575,000   | .00  | \$                 | 575,00                     |
| SIGNING & STRIPING   | 2.5%                                      | \$ 147,500.00       | 52%  | \$ 76,700.00                                | S  | e  | 20%  | \$ 29,500.00                                | 28%  | \$ 41,300  |  | \$                 | 147,50                     |
| DRAINAGE   | 10.0%                                     | \$ 590,000.00       | 52%  | \$ 30,680.00                                | \$   |  | 20%  | \$ 11,800.00                                | 28%  | \$ 16,520  |  | \$                 | 59,00                      |
| EROSION CONTROL  |   | \$ 59,000.00        |  | \$ 30,680.00                                | \$   |  | 20%  | \$ 11,800.00                                | 28%  | \$ 16,520  |  | 5                  | 59,00                      |
| TURF ESTABLISHMENT   |   | \$ 88,500.00        |  | \$ 46,020.00                                | \$   | •  | 20%  | \$ 17,700.00<br>\$ 5,900.00                 | 28%  | \$ 24,780<br>\$ 8,260  |  | 5                  | 29,50                      |
| LANDSCAPING  | 0.5%                                      | \$ 29,500.00        | 52%  | \$ 15,340.00                                | 5  |  | 20%  | \$ 5,900.00                                 | 28%  | 5 8,200  | -  | s                  | 29,50                      |
| CITY UTILITIES   | LS  |                     |  | <u>s</u> -                                  | 5  |  |  | 12  | 100/4  | 3  |  | 1.2                |                            |
|  |   | SUBTOTALS           | Carbron Steers distan  | \$ 230,100.00                               | S  | THE OWNER AND ADDRESS  | - Maline States at the                               | \$ 88,500.00                                | 法理论的人的法律   | \$ 698,900   | .00  | \$                 | 1,017,50                   |
|  | HIIMIST                                   | TON AVENUE TOTALS   |  | \$ 1,389,680.50                             | Ś  | ALL NORTH AND AND A  | Second States  | \$ 532,798.25                               | AND MUSICAL STREET, ST   | \$ 1,327,137   |  | \$                 | 3,249,61                   |
| the second s   | HUMISTON AV                               | ENUE GRAND TOTAL    | CHURCH MERINA STA  | Gilderidea disponse billes                  | Station States and                         | Sales and Sales  | administration to which                              | \$3,249,616.50                              | <b>用限品牌等所取</b>   | a in order the store share   | Africa that Base Strends   | That in Films      | destil Son United          |
|  |   |                     |  |   |  |  |  |   |  |  |  | s                  |                            |
|  |   | ORD STREET TOTALS   | and other addresses  | \$ 6,892,991.00                             | \$   | Strate Land  | C KING DO THE REAL                                   | \$ -<br>\$7,873,234.50                      | A subject to state   | \$ 980,243   | .50  | 15                 | 7,873,23                   |
| 化在1995年代,1995年代的中国、中学校、中国、中国、中国、中国   | OXFORD ST                                 | TREET GRAND TOTAL   | A STATE OF THE STA |   |  |  |  | \$7,873,234.50                              |  |  | ELCORE AND DE LOUIS DE A   | Or and Mark B 2 Ho | In second second second    |
|  |   |                     | 105-006-0-00/0122000   | S   | 5  | a second second second   |  | \$  | Constraint and su  | S  | the second and a second  | 5                  | CONTRACTOR OF STREET       |
|  | HUMISTON AVENUE (<br>MISTON AVENUE (UNDER |                     |  | 3   | •  | Contract and the second second   | and the second second second                         | \$0.00                                      | and the first state of the   | the second second second   | the state of the s | mistig de          | TRAPE CONTINUES            |
| Hui  | MISTON AVENUE (UNDER                      | 1-50) GRAND TOTAL   | Cardin Cardon ( Super 27 ( Super Cardon  |   |  |  |  |   |  |  |  |                    |                            |
|  | HUMISTON AVENUE (NO                       | RTH OF I-90) TOTALS | Sector Sector Sector   | \$ ····                                     | \$   | la de la compañía de | Alexa Harriste                                       | \$ -  | Second States  | \$   | - 11 ( C.  | \$                 | 이 비난 비원을 가 다 같             |
|  | TON AVENUE (NORTH OF                      |                     | Station Stores and   | SALE FONDERS AND A                          |  |  | - 1997年1月1日  |   | 2020年1月1日日   | and the state of the state of the  | のないのない。日本の   | WHINE BEAM         | en telstat                 |
|  | E UNDER AND NORTH OF                      |                     | and the Welfstern State  | and the second second                       | Salar Tashar Salar                         | the state of the second  | A State State of the                                 | \$0.00                                      |  |  |  |                    | ENV) HERITER ALVALIE       |
|  |   |                     |  |   |  |  |  | \$ 574,298.25                               |  | \$ 2,511,081   | at   |                    | 11,982,25                  |
|  |   | TOTALS              |  | S 8,896,871.50<br>C 1 334 530 73            | S  |  | A PROVIDENCE AND | \$ 574,298.25<br>\$ 85,144.74               |  | \$ 2,511,081<br>\$ 376,562   |  | s                  | 1,797,33                   |
|  |   | CONTINGENCY (15%)   |  | \$ 1,334,530.73                             |  | CONTRACTOR OF CONTRACTOR OF CONTRACTOR   | S COLORIS COLOR                                      | 9 00/144./4                                 | and the second second  | 370,562  |  |                    |                            |
|  |   | BOUNDING UP         | A 181, 2 191, 191, 191, 191, 191, 191, 191,  | \$ 97.77                                    |  |  |  | \$ 57.01                                    |  | \$ 56  | .56  | \$                 |                            |
| and the second |   | ROONDING UP         | sector and the sector of the   | 97.77                                       |  |  |  |   |  |  |  |                    |                            |
|  | GRAND TOT                                 | ALS (2022 DOLLARS)  | THE OTHER DESIGNATION OF   | \$ 10,231,500                               | \$   |  | I Comparing a Million                                | \$ 660,500                                  | States we have a   | \$ 2,887,  |  | \$                 | 13,779                     |
|  |   | TALS (2027 DOLLARS) |  | 5 11,970,900                                | \$   |  | A DOWN   | \$ 772,800                                  | Street States  | \$ 3,378;  | 300  | \$                 | 16,122                     |
|  |   |                     |  |   |  | Contractor in the local data   |  |   |  | of the state of th | and the second second  |                    | and the second second      |
| and the second secon  |   | TAL (2022 DOLLARS)  | the second second  | and the state of the state                  |  | the state of the second  | The second second                                    | \$13,779,600                                | And the second states of the s |  |  |                    | Transfer of the            |
|  |   | TAL (2027 DOLLARS)  | State of the state of the  |   | Contract Manager                           |  | March 1  | \$16,122,200                                |  | \$270,400  |  | A CARTON AND       |                            |
|  | CONCTRUCTION COST SUA                     | ARE) (2027 DOLLARS) |  |   | and the second second                      |  | States and a state of the                            | \$61,900                                    | Contractor Contractor (1945)   | 5270,400   | the state of the state of the state of the   | A DECEMBER OF THE  | tar and the second second  |

NOTES: 1. OXFORD/HUMISTON INTERSECTION RECONSTRUCTED TO ALTERNATIVE 5 GEOMETRICS 2. HUMISTON AVENUE SOUTH OF THE 1-90 EB RAMP TERMINI AND HUMISTON AVENUE FRONTAGE ROADS TO BE MILLED & OVERLAID. 3. SIDEWALKA NOT TRAIL PARTICIPATION IS 60% MINDOT/40% CITY. 4. LIGHTING IS 100% CITY. 5. CSMA 35 IS MONG LOCAL COST. CITY AND COUNTY TO DETERMINE ALLOCATION. 6. CITY UTILITIES TO BE DETERMINED BY THE CITY. COSTS ARE 100% CITY.

### DEPARTMENT OF TRANSPORTATION

District 7 2151 Bassett Drive Mankato, MN 56001

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