

Agenda # _____
Agenda Code Consent
Project # 18978B

AGENDA ITEM DESCRIPTION
CITY COMMISSION
WEST FARGO, NORTH DAKOTA

***Please Note: The following information must be completed and submitted to the West Fargo City Auditor's Office by the Thursday noon preceding the City Commission meeting. Failure to comply may result in no action being taken on your request.

1. CONTACT PERSON: Dustin Scott

2. PHONE NO. 282-4692 DATE: October 16, 2017

3. PLEASE BRIEFLY DESCRIBE YOUR REQUEST: _____
Review Engineer's Report for Street Improvement District No. 2250

4. SITE ADDRESS OR LEGAL DESCRIPTION (if applicable):
Sheyenne Street – Beaton Dr to 40th Ave (Segments 2 & 3)

5. ACTION BEING REQUESTED FROM CITY COMMISSION: _____
Approve Engineer's Report for Street Improvement District No. 2250
Authorize preparation of Plans & Specs
Authorize Resolution of Necessity

ENGINEER'S REPORT

The undersigned is the engineer for the City of West Fargo, Cass County, North Dakota, and submits the following report to the Board of City Commissioners of said city:

The purpose of the proposed Street Improvement District No. 2250 (Project) is to widen Sheyenne Street between Beaton Drive to 40th Avenue and reconstruct the Interstate Highway 94 interchange at Sheyenne Street to address capacity needs, roadway reliability and social and economic development along the proposed corridor. The need for the proposed Project is warranted by increasing motorist delay; congestion from development along the corridor; crash susceptibility issues; and lack of multimodal opportunities. Current and projected needs within this corridor include increasing capacity, addressing social demands, accommodating economic development and improving roadway reliability. Additional information on the purpose, need and scope of work can be found in the approved NDDOT Documented Categorical Exclusion prepared by Kadrmas, Lee and Jackson, Inc. A portion of the Project will be funded by the NDDOT.

The Project will involve the construction of improvements on Sheyenne Street consisting of a 6 lane concrete roadway with curb and gutter from Beaton Drive to 32nd Avenue and a 4 lane concrete roadway with curb and gutter from 32nd Avenue to 40th Avenue, sidewalks, multi-use path, storm sewer, sanitary sewer force main relocation, sewer and water extensions, traffic signals, street lighting and other miscellaneous installations. Also included are the local share of cost related to the NDDOT reconstruction of the interchange at Interstate Highway 94 and Sheyenne Street, including concrete pavement, storm sewer, traffic signals, street lighting and other miscellaneous installations.

Based upon the estimate of the probable cost, attached hereto and made a part thereof, and the engineering information and studies, the work proposed in said district is feasible.

Dated this 16th day of October, 2017.

Dustin Scott
Moore Engineering, Inc.
West Fargo ND



Engineer for the City of West Fargo, ND

**STREET IMPROVEMENT DIST. NO. 2250
SHEYENNE STREET - BEATON DR TO 40TH AVE (SEGMENTS 2 & 3)
WEST FARGO ND**

Engineer's Opinion of Probable Cost Summary

Segment 2 - Beaton Drive to 32nd Avenue

| | |
|--|------------------------|
| 1. SU-8-992(039)040: Alt. B2: (6) 10" Concrete Lanes, Traffic Signals & Bridge Modifications | \$15,122,640.50 |
| 2. SU-8-992(039)040: Pedestrian Underpass at 32nd Avenue | \$954,469.93 |
| 3. SU-8-992(039)040: Increase Concrete Thickness from 8" to 10" at Interchange | \$74,016.11 |
| | \$16,151,126.54 |
| Construction Subtotal | \$16,151,126.54 |
| Contingencies | \$1,623,873.46 |
| Private Utility Relocation | \$325,000.00 |
| Total Construction | \$18,100,000.00 |
| Engineering | \$3,100,000.00 |
| Legal & Administration | \$1,267,000.00 |
| Bond Discount | \$362,000.00 |
| Land Acquisition | \$1,100,000.00 |
| Segment 2 - Subtotal Project Cost | \$23,929,000.00 |

Segment 3 - 32nd Avenue to 40th Avenue

| | |
|---|------------------------|
| 1. Alt. C3 - (4) 10" Concrete Lanes & Traffic Signals | \$10,138,822.94 |
| | \$10,138,822.94 |
| Construction Subtotal | \$10,138,822.94 |
| Contingencies | \$1,021,177.06 |
| Private Utility Relocation | \$300,000.00 |
| Total Construction | \$11,460,000.00 |
| Engineering | \$2,100,000.00 |
| Legal & Administration | \$802,000.00 |
| Bond Discount | \$230,000.00 |
| Land Acquisition | \$750,000.00 |
| Segment 3 - Subtotal Project Cost | \$15,342,000.00 |
| TOTAL PROJECT COST | \$39,271,000.00 |

Preliminary Funding Breakdown

| | |
|---------------------------|------------------------|
| Eligible Federal Funding | \$11,000,000.00 |
| Local Share | \$28,271,000.00 |
| Total Project Cost | \$39,271,000.00 |

*See attached documents for detailed construction costs.

**STREET IMPROVEMENT DIST. NO. 2250
SHEYENNE STREET - BEATON DR TO 32ND AVE (SEGMENT 2)
WEST FARGO ND**

Engineer's Opinion of Probable Cost

| <i>SPEC</i> | <i>CODE</i> | <i>ITEM DESCRIPTION</i> | <i>UNIT</i> | <i>Total</i> | <i>UNIT PRICE</i> | <i>TOTAL PRICE</i> |
|---|-------------|--|-------------|--------------|-------------------|------------------------|
| <u>SU-8-992(039)040: ALT B2 - 6 LANES 32ND AVE TO BEATON DRIVE</u> | | | | | | |
| 103 | 100 | CONTRACT BOND | L SUM | 1 | \$140,000.00 | \$140,000.00 |
| 202 | 114 | REMOVAL OF CONCRETE PAVEMENT | SY | 14,456 | \$10.00 | \$144,560.00 |
| 202 | 130 | REMOVAL OF CURB & GUTTER | LF | 4,857 | \$7.50 | \$36,427.50 |
| 202 | 132 | REMOVAL OF BITUMINOUS SURFACING | SY | 21,665 | \$5.00 | \$108,325.00 |
| 203 | 101 | COMMON EXCAVATION-TYPE A | CY | 14,420 | \$5.00 | \$72,100.00 |
| 203 | 109 | TOPSOIL | CY | 12,754 | \$5.00 | \$63,770.00 |
| 203 | 140 | BORROW-EXCAVATION | CY | 63,335 | \$12.00 | \$760,020.00 |
| 251 | 0 | EROSION CONTROL | L SUM | 1 | \$270,000.00 | \$270,000.00 |
| 302 | 100 | SALVAGED BASE COURSE | TON | 46,137 | \$15.00 | \$692,055.00 |
| 550 | 310 | 10IN NON REINF CONCRETE PVMT CL AE-DOWELED | SY | 57,106 | \$65.00 | \$3,711,890.00 |
| 702 | 100 | MOBILIZATION | L SUM | 1 | \$1,370,000.00 | \$1,370,000.00 |
| 704 | 0 | TEMPORARY TRAFFIC CONTROL | L SUM | 1 | \$500,000.00 | \$500,000.00 |
| 706 | 0 | FIELD LABORATORIES | L SUM | 1 | \$40,000.00 | \$40,000.00 |
| 714 | 0 | STORM SEWER | L SUM | 1 | \$1,476,688.00 | \$1,476,688.00 |
| 748 | 140 | CURB & GUTTER-TYPE I | LF | 23,512 | \$20.00 | \$470,240.00 |
| 750 | 30 | PIGMENTED IMPRINTED CONCRETE | SY | 3,731 | \$100.00 | \$373,100.00 |
| 750 | 100 | SIDEWALK CONCRETE | SY | 9,306 | \$40.00 | \$372,240.00 |
| 750 | 1000 | DRIVEWAY CONCRETE | SY | 323 | \$75.00 | \$24,225.00 |
| 750 | 2115 | DETECTABLE WARNING PANELS | SF | 600 | \$40.00 | \$24,000.00 |
| 754 | 0 | SIGNING | L SUM | 1 | \$50,000.00 | \$50,000.00 |
| 762 | 0 | PAVEMENT MARKING | L SUM | 1 | \$85,000.00 | \$85,000.00 |
| 764 | 0 | GUARDRAIL | L SUM | 1 | \$38,000.00 | \$38,000.00 |
| 770 | 0 | LIGHTING SYSTEM | L SUM | 1 | \$480,000.00 | \$480,000.00 |
| 772 | 2800 | INTERIM TRAFFIC SIGNALS | EA | 4 | \$80,000.00 | \$320,000.00 |
| 772 | 3125 | REMOVE TRAFFIC SIGNAL SYSTEM | EA | 4 | \$5,000.00 | \$20,000.00 |
| 772 | 9200 | IT SYSTEM | EA | 1 | \$55,000.00 | \$55,000.00 |
| 772 | 9811 | TRAFFIC SIGNAL SYSTEM - SITE 1 | EA | 4 | \$250,000.00 | \$1,000,000.00 |
| 930 | 1 | BRIDGE | LSUM | 1 | \$1,550,000.00 | \$1,550,000.00 |
| 930 | 2 | BRIDGE RETAINING WALL | LSUM | 1 | \$125,000.00 | \$125,000.00 |
| 930 | 3 | BRIDGE WIDENING | LSUM | 1 | \$750,000.00 | \$750,000.00 |
| Construction Subtotal | | | | | | \$15,122,640.50 |

STREET IMPROVEMENT DIST. NO. 2250
SHEYENNE STREET - BEATON DR TO 32ND AVE (SEGMENT 2)
WEST FARGO ND

Engineer's Opinion of Probable Cost

| <i>SPEC CODE</i> | <i>ITEM DESCRIPTION</i> | <i>UNIT</i> | <i>QUANTITIY</i> | <i>UNIT PRICE</i> | <i>TOTAL PRICE</i> |
|--|---|-------------|------------------|-------------------|-----------------------|
| SU-8-992(039)040: PEDESTRIAN UNDERPASS AT 32ND AVENUE | | | | | |
| 103 | 100 CONTRACT BOND | L SUM | 1 | \$8,600.00 | \$8,600.00 |
| 203 | 101 COMMON EXCAVATION-TYPE A | CY | 3,804 | \$5.00 | \$19,020.00 |
| 203 | 109 TOPSOIL | CY | 387 | \$5.00 | \$1,935.00 |
| 203 | 140 BORROW-EXCAVATION | CY | -3,804 | \$12.00 | -\$45,648.00 |
| 210 | 201 FOUNDATION PREPARATION | EA | 1 | \$50,000.00 | \$50,000.00 |
| 210 | 210 FOUNDATION FILL | CY | 1,472 | \$40.00 | \$58,880.00 |
| 251 | 0 EROSION CONTROL | L SUM | 1 | \$6,300.00 | \$6,300.00 |
| 302 | 100 SALVAGED BASE COURSE | TON | 175 | \$15.00 | \$2,625.00 |
| 602 | 130 CLASS AAE-3 CONCRETE | CY | 247 | \$955.00 | \$235,885.00 |
| 602 | 7000 SPECIAL SURFACE FINISH | SF | 24,855 | \$4.00 | \$99,420.00 |
| 606 | 1209 12FT X 9FT PRECAST RCB CULVERT | LF | 160 | \$950.00 | \$152,000.00 |
| 612 | 115 REINFORCING STEEL-GRADE 60 | LBS | 17,896 | \$1.75 | \$31,318.00 |
| 702 | 100 MOBILIZATION | L SUM | 1 | \$86,000.00 | \$86,000.00 |
| 708 | 1540 INLET PROTECTION-SPECIAL | EA | 2 | \$175.00 | \$350.00 |
| 708 | 1541 REMOVE INLET PROTECTION-SPECIAL | EA | 2 | \$30.00 | \$60.00 |
| 714 | 825 PIPE CONC REINF 30IN CL III-STORM DRAIN | LF | -195 | \$70.00 | -\$13,650.00 |
| 714 | 825 PIPE CONC REINF 30IN CL III-STORM DRAIN | LF | 250 | \$70.00 | \$17,500.00 |
| 714 | 910 PIPE CONC REINF 36IN CL III-STORM DRAIN | LF | 700 | \$90.00 | \$63,000.00 |
| 722 | 110 MANHOLE 60IN | EA | 2 | \$3,500.00 | \$7,000.00 |
| 722 | 130 MANHOLE 84IN | EA | 4 | \$7,000.00 | \$28,000.00 |
| 724 | 210 FITTINGS-DUCTILE IRON | LBS | 2,800 | \$9.00 | \$25,200.00 |
| 724 | 852 WATERMAIN 16IN PVC | LF | 245 | \$75.00 | \$18,375.00 |
| 724 | 860 20IN FORCEMAIN | LF | 240 | \$175.00 | \$42,000.00 |
| 724 | 944 CONNECTION TO EXISTING MAIN | EA | 4 | \$4,000.00 | \$16,000.00 |
| 750 | 100 SIDEWALK CONCRETE | SY | 1,649 | \$45.00 | \$74,205.00 |
| 920 | 90 LIFT STATION | EA | 1 | \$50,000.00 | \$50,000.00 |
| Construction Subtotal | | | | | \$1,034,375.00 |

STREET IMPROVEMENT DIST. NO. 2250
SHEYENNE STREET - BEATON DR TO 32ND AVE (SEGMENT 2)
WEST FARGO ND

Engineer's Opinion of Probable Cost

| <i>SPEC</i> | <i>CODE</i> | <i>ITEM DESCRIPTION</i> | <i>UNIT</i> | <i>QUANTITY</i> | <i>UNIT PRICE</i> | <i>TOTAL PRICE</i> |
|--|-------------|--|-------------|-----------------|-------------------|--------------------|
| <u>SU-8-992(039)040: INCREASE PAVEMENT THICKNESS AT INTERCHANGE</u> | | | | | | |
| 103 | 100 | CONTRACT BOND | L SUM | 1 | \$700.00 | \$700.00 |
| 203 | 101 | COMMON EXCAVATION-TYPE A | CY | 701 | \$5.00 | \$3,506.11 |
| 550 | 300 | 8IN NON-REINF CONCRETE PVMT CL AE-DOWELED | SY | -12,622 | \$60.00 | -\$757,320.00 |
| 550 | 310 | 10IN NON REINF CONCRETE PVMT CL AE-DOWELED | SY | 12,622 | \$65.00 | \$820,430.00 |
| 702 | 100 | MOBILIZATION | L SUM | 1 | \$6,700.00 | \$6,700.00 |
| Construction Subtotal | | | | | | \$74,016.11 |

STREET IMPROVEMENT DIST. NO. 2250
SHEYENNE STREET - 32ND AVE TO 40TH AVE (SEGMENT 3)
WEST FARGO ND

Engineer's Opinion of Probable Cost

| SPEC CODE | ITEM DESCRIPTION | UNIT | Total | UNIT PRICE | TOTAL PRICE |
|--|--|-------|--------|--------------|----------------|
| <u>SU-8-992(040)041: ALT C3 - 4 LANES FROM 32ND AVE TO 40TH AVE</u> | | | | | |
| 103 | 100 CONTRACT BOND | L SUM | 1 | \$100,000.00 | \$100,000.00 |
| 201 | 300 CLEARING & GRUBBING | ACRE | 0.65 | \$100.00 | \$65.00 |
| 201 | 370 REMOVAL OF TREES 10IN | EA | 51 | \$250.00 | \$12,750.00 |
| 202 | 21 REMOVE AGGREGATE BASE & SURFACING | TON | 105 | \$5.00 | \$525.00 |
| 202 | 114 REMOVAL OF CONCRETE PAVEMENT | SY | 1,544 | \$10.00 | \$15,440.00 |
| 202 | 130 REMOVAL OF CURB & GUTTER | LF | 2,163 | \$7.50 | \$16,222.50 |
| 202 | 132 REMOVAL OF BITUMINOUS SURFACING | SY | 40,617 | \$5.00 | \$203,085.00 |
| 202 | 169 REMOVAL OF END SECTION-ALL TYPES & SIZES | LF | 30 | \$355.00 | \$10,650.00 |
| 202 | 174 REMOVAL OF PIPE ALL TYPES AND SIZES | LF | 1,203 | \$20.00 | \$24,060.00 |
| 202 | 210 REMOVAL OF MANHOLES | EA | 3 | \$750.00 | \$2,250.00 |
| 202 | 235 REMOVAL OF CATCH BASIN | EA | 2 | \$420.00 | \$840.00 |
| 203 | 101 COMMON EXCAVATION-TYPE A | CY | 12,247 | \$5.00 | \$61,235.00 |
| 203 | 109 TOPSOIL | CY | 9,263 | \$5.00 | \$46,315.00 |
| 203 | 140 BORROW-EXCAVATION | CY | 29,427 | \$12.00 | \$353,124.00 |
| 216 | 100 WATER | M GAL | 1,006 | \$25.00 | \$25,150.00 |
| 230 | 300 SUBGRADE PREPARATION-TYPE A | STA | 68 | \$1,200.00 | \$81,600.00 |
| 251 | 200 SEEDING CLASS II | ACRE | 23 | \$500.00 | \$11,500.00 |
| 253 | 201 HYDRAULIC MULCH | ACRE | 23 | \$2,500.00 | \$57,500.00 |
| 261 | 106 FIBER ROLLS 6IN | LF | 660 | \$3.00 | \$1,980.00 |
| 261 | 107 REMOVE FIBER ROLLS 6IN | LF | 660 | \$1.00 | \$660.00 |
| 265 | 100 STABILIZED CONSTRUCTION ACCESS | EA | 2 | \$3,500.00 | \$7,000.00 |
| 265 | 101 REMOVE STABILIZED CONSTRUCTION ACCESS | EA | 2 | \$1,500.00 | \$3,000.00 |
| 302 | 100 SALVAGED BASE COURSE | TON | 44,249 | \$15.00 | \$663,735.00 |
| 302 | 314 TEMPORARY TRAFFIC SURFACE AGGREGATE | TON | 100 | \$20.00 | \$2,000.00 |
| 430 | 500 COMMERCIAL GRADE HOT MIX ASPHALT | TON | 3,893 | \$130.00 | \$506,090.00 |
| 550 | 310 10IN NON REINF CONCRETE PVMT CL AE | SY | 37,235 | \$65.00 | \$2,420,275.00 |
| 622 | 6760 STEEL SHEET PILING | SF | 6,000 | \$31.00 | \$186,000.00 |
| 702 | 100 MOBILIZATION | L SUM | 1 | \$920,000.00 | \$920,000.00 |
| 704 | 1100 TRAFFIC CONTROL | L SUM | 1 | \$150,000.00 | \$150,000.00 |
| 708 | 1540 INLET PROTECTION-SPECIAL | EA | 73 | \$185.00 | \$13,505.00 |
| 708 | 1541 REMOVE INLET PROTECTION-SPECIAL | EA | 73 | \$60.00 | \$4,380.00 |
| 709 | 161 GEOSYNTHETIC MATERIAL TYPE S1 | SY | 55,440 | \$2.00 | \$110,880.00 |
| 714 | 210 PIPE CONC REINF 15IN CL III-STORM DRAIN | LF | 3,721 | \$45.00 | \$167,445.00 |
| 714 | 315 PIPE CONC REINF 18IN CL III-STORM DRAIN | LF | 1,763 | \$50.00 | \$88,150.00 |
| 714 | 405 PIPE CONC REINF 21IN CL III-STORM DRAIN | LF | 101 | \$55.00 | \$5,555.00 |
| 714 | 620 PIPE CONC REINF 24IN CL III-STORM DRAIN | LF | 1,925 | \$60.00 | \$115,500.00 |
| 714 | 825 PIPE CONC REINF 30IN CL III-STORM DRAIN | LF | 1,494 | \$70.00 | \$104,580.00 |
| 714 | 910 PIPE CONC REINF 36IN CL III-STORM DRAIN | LF | 649 | \$90.00 | \$58,410.00 |
| 714 | 1010 PIPE CONC REINF 42IN CL III-STORM DRAIN | LF | 131 | \$135.00 | \$17,685.00 |
| 714 | 1110 PIPE CONC REINF 48IN CL III-STORM DRAIN | LF | 567 | \$165.00 | \$93,555.00 |
| 714 | 3045 END SECT-CONC REINF 48IN | EA | 1 | \$2,750.00 | \$2,750.00 |
| 714 | 9720 UNDERDRAIN PIPE PVC PERFORATED 4IN | LF | 12,152 | \$6.00 | \$72,912.00 |
| 722 | 100 MANHOLE 48IN | EA | 20 | \$3,000.00 | \$60,000.00 |
| 722 | 110 MANHOLE 60IN | EA | 17 | \$3,500.00 | \$59,500.00 |
| 722 | 120 MANHOLE 72IN | EA | 1 | \$4,500.00 | \$4,500.00 |
| 722 | 130 MANHOLE 84IN | EA | 4 | \$7,000.00 | \$28,000.00 |
| 722 | 200 MANHOLE 108IN | EA | 1 | \$13,000.00 | \$13,000.00 |
| 722 | 3510 INLET-TYPE 2 | EA | 73 | \$3,300.00 | \$240,900.00 |
| 724 | 210 FITTINGS-DUCTILE IRON | LBS | 368 | \$9.00 | \$3,312.00 |

| | | | | | |
|-----|--|----|-----------|------------------------------|------------------------|
| 724 | 300 GATE VALVE & BOX 6IN | EA | 7 | \$1,700.00 | \$11,900.00 |
| 724 | 411 6IN HYDRANT | EA | 3 | \$5,000.00 | \$15,000.00 |
| 724 | 425 RESET HYDRANT | EA | 4 | \$1,800.00 | \$7,200.00 |
| 724 | 510 TAPPING SLEEVE & VALVE 8IN X 8IN | EA | 1 | \$4,000.00 | \$4,000.00 |
| 724 | 552 TAPPING SLEEVE & VALVE 16IN X 8IN | EA | 1 | \$5,000.00 | \$5,000.00 |
| 724 | 621 WATER SERVICE LINE 2IN | LF | 273 | \$50.00 | \$13,650.00 |
| 724 | 810 WATERMAIN 6IN PVC | LF | 36 | \$60.00 | \$2,160.00 |
| 724 | 830 WATERMAIN 8IN PVC | LF | 935 | \$60.00 | \$56,100.00 |
| 724 | 852 WATERMAIN 16IN PVC | LF | 932 | \$75.00 | \$69,900.00 |
| 724 | 860 20IN FORCEMAIN | LF | 928 | \$175.00 | \$162,400.00 |
| 724 | 944 CONNECTION TO EXISTING MAIN | EA | 5 | \$1,150.00 | \$5,750.00 |
| 748 | 140 CURB & GUTTER-TYPE I | LF | 23,645 | \$20.00 | \$472,900.00 |
| 750 | 30 PIGMENTED IMPRINTED CONCRETE | SY | 3,273 | \$100.00 | \$327,300.00 |
| 750 | 120 SIDEWALK CONCRETE 5IN REINF | SY | 11,925 | \$45.00 | \$536,625.00 |
| 750 | 210 CONCRETE MEDIAN NOSE PAVING | SY | 199 | \$80.00 | \$15,920.00 |
| 750 | 1021 DRIVEWAY CONCRETE 8IN REINFORCED | SY | 117 | \$75.00 | \$8,775.00 |
| 750 | 2115 DETECTABLE WARNING PANELS | SF | 440 | \$40.00 | \$17,600.00 |
| 752 | 911 TEMPORARY SAFETY FENCE | LF | 500 | \$3.00 | \$1,500.00 |
| 754 | 110 FLAT SHEET FOR SIGNS - TYPE XI REFLECTIVE SHEETING | SF | 500 | \$30.00 | \$15,000.00 |
| 754 | 112 FLAT SHEET FOR SIGNS - TYPE IV REFLECTIVE SHEETING | SF | 72 | \$30.00 | \$2,160.00 |
| 754 | 206 STEEL GALV POSTS - TELESCOPING PERFORATED TUBE | LF | 369 | \$20.00 | \$7,380.00 |
| 754 | 592 RESET SIGN PANEL | EA | 10 | \$75.00 | \$750.00 |
| 762 | 122 PREFORMED PATTERNED PVMT MK-MESSAGE(GROOVED) | SF | 320 | \$24.00 | \$7,680.00 |
| 762 | 1305 PREFORMED PATTERNED PVMT MK 4IN LINE-GROOVED | LF | 6,660 | \$4.00 | \$26,640.00 |
| 762 | 1309 PREFORMED PATTERNED PVMT MK 8IN LINE-GROOVED | LF | 3,504 | \$9.00 | \$31,536.00 |
| 762 | 1325 PREFORMED PATTERNED PVMT MK 24IN LINE-GROOVED | LF | 1,962 | \$31.00 | \$60,822.00 |
| 766 | 120 RESET MAILBOX | EA | 3 | \$200.00 | \$600.00 |
| 770 | 1 LIGHTING SYSTEM | EA | 1 | \$450,000.00 | \$450,000.00 |
| 772 | 2800 INTERIM TRAFFIC SIGNALS | EA | 1 | \$80,000.00 | \$80,000.00 |
| 772 | 3125 REMOVE TRAFFIC SIGNAL SYSTEM | EA | 1 | \$5,000.00 | \$5,000.00 |
| 772 | 9200 IT SYSTEM | EA | 1 | \$55,000.00 | \$55,000.00 |
| 772 | 9811 TRAFFIC SIGNAL SYSTEM - SITE 1 | EA | 2 | \$250,000.00 | \$500,000.00 |
| 920 | 99 PUMPING EQUIPMENT | EA | 1 | \$5,000.00 | \$5,000.00 |
| 970 | 105 HERBICIDE WEED CONTROL | SF | 1,000,444 | \$0.01 | \$10,004.44 |
| | | | | Construction Subtotal | \$10,138,822.94 |