



Estimated Construction Costs  
Traffic Signal Construction  
McNeil Road at St. Williams Street

| ITEM NO.           | DESC. CODE | DESCRIPTION                                    | UNIT | QUANTITY | ENGINEER'S ESTIMATE                  |              | ATS Estimate  |              |
|--------------------|------------|------------------------------------------------|------|----------|--------------------------------------|--------------|---------------|--------------|
|                    |            |                                                |      |          | UNIT COST                            | ITEM COST    | UNIT COST     | TOTAL COST   |
| 0104               | 6015       | REMOVING CONC (SIDEWALKS)                      | SY   | 21       | \$ 50.00                             | \$ 1,050.00  | \$ 100.00     | \$ 2,100.00  |
| 0416               | 6029       | DRILL SHAFT (RDWY ILL POLE) (30 IN)            | LF   | 8        | \$ 300.00                            | \$ 2,400.00  | \$ 250.00     | \$ 2,000.00  |
| 0416               | 6031       | DRILL SHAFT (TRF SIG POLE) (30")               | LF   | 12       | \$ 300.00                            | \$ 3,600.00  | \$ 300.00     | \$ 3,600.00  |
| 0416               | 6032       | DRILL SHAFT (TRF SIG POLE) (36")               | LF   | 14       | \$ 300.00                            | \$ 4,200.00  | \$ 325.00     | \$ 4,550.00  |
| 0500               | 6001       | MOBILIZATION                                   | LS   | 1        | \$ 30,000.00                         | \$ 30,000.00 | \$ 25,000.00  | \$ 25,000.00 |
| 0502               | 6001       | BARRICADE, SIGN, AND TRAFFIC HANDLING          | MO   | 4        | \$ 6,500.00                          | \$ 26,000.00 | \$ 4,000.00   | \$ 16,000.00 |
| 0531               | 6002       | CONC SIDEWALK (5")                             | SY   | 42       | \$ 60.00                             | \$ 2,520.00  | \$ 250.00     | \$ 10,500.00 |
| 0531               | 6005       | CURB RAMPS (TY 2)                              | EA   | 2        | \$ 2,000.00                          | \$ 4,000.00  | \$ 3,600.00   | \$ 7,200.00  |
| 0531               | 6010       | CURB RAMPS (TY 7)                              | EA   | 4        | \$ 1,750.00                          | \$ 7,000.00  | \$ 3,700.00   | \$ 14,800.00 |
| 0536               | 6002       | CONC MEDIAN                                    | SY   | 41       | \$ 70.00                             | \$ 2,870.00  | \$ 300.00     | \$ 12,300.00 |
| 0610               | 6162       | IN RD ILL (TY SA) 30T-8 (250 W EQ) LED         | EA   | 1        | \$ 2,750.00                          | \$ 2,750.00  | \$ 3,200.00   | \$ 3,200.00  |
| 0618               | 6046       | CONDT (PVC) (SCH 80) (2")                      | LF   | 120      | \$ 9.00                              | \$ 1,080.00  | \$ 25.00      | \$ 3,000.00  |
| 0618               | 6047       | CONDT (PVC) (SCH 80) (2") (BORE)               | LF   | 75       | \$ 34.00                             | \$ 2,550.00  | \$ 70.00      | \$ 5,250.00  |
| 0618               | 6053       | CONDT (PVC) (SCH 80) (3")                      | LF   | 245      | \$ 15.00                             | \$ 3,675.00  | \$ 27.00      | \$ 6,615.00  |
| 0618               | 6054       | CONDT (PVC) (SCH 80) (3") (BORE)               | LF   | 175      | \$ 40.00                             | \$ 7,000.00  | \$ 72.00      | \$ 12,600.00 |
| 0618               | 6058       | CONDT (PVC) (SCH 80) (4")                      | LF   | 15       | \$ 16.50                             | \$ 248.00    | \$ 32.00      | \$ 480.00    |
| 0618               | 6070       | CONDT (RM) (2")                                | LF   | 110      | \$ 50.00                             | \$ 5,500.00  | \$ 38.00      | \$ 4,180.00  |
| 0618               | 6071       | CONDT (RM) (2") (BORE)                         | LF   | 60       | \$ 48.00                             | \$ 2,880.00  | \$ 95.00      | \$ 5,700.00  |
| 0620               | 6007       | ELEC CONDUCTOR (NO. 8) BARE                    | LF   | 570      | \$ 1.75                              | \$ 998.00    | \$ 2.00       | \$ 1,140.00  |
| 0620               | 6008       | ELEC CONDUCTOR (NO. 8) INSULATED               | LF   | 450      | \$ 1.75                              | \$ 788.00    | \$ 3.00       | \$ 1,350.00  |
| 0620               | 6009       | ELEC CONDUCTOR (NO. 6) BARE                    | LF   | 20       | \$ 1.50                              | \$ 30.00     | \$ 3.00       | \$ 60.00     |
| 0620               | 6010       | ELEC CONDUCTOR (NO. 6) INSULATED               | LF   | 40       | \$ 2.50                              | \$ 100.00    | \$ 4.00       | \$ 160.00    |
| 0621               | 6002       | TRAY CABLE (3 COND) (12 AWG)                   | LF   | 255      | \$ 2.00                              | \$ 510.00    | \$ 2.00       | \$ 510.00    |
| 0624               | 6008       | GROUND BOX TY C (162911) W/APRON               | EA   | 1        | \$ 1,200.00                          | \$ 1,200.00  | \$ 900.00     | \$ 900.00    |
| 0624               | 6010       | GROUND BOX TY D (162822) W/APRON               | EA   | 3        | \$ 1,500.00                          | \$ 4,500.00  | \$ 1,300.00   | \$ 3,900.00  |
| 0628               | 6213       | ELC SRV TY D 120/240 100 (NS)AL(E)PS(U)        | EA   | 1        | \$ 6,500.00                          | \$ 6,500.00  | \$ 6,000.00   | \$ 6,000.00  |
| 0636               | 6001       | ALUMINUM SIGNS (TY A)                          | SF   | 58       | \$ 30.00                             | \$ 1,740.00  | \$ 32.00      | \$ 1,856.00  |
| 0644               | 6001       | INS SM RD SN SUP&AM TY 10BWG(1) SA(P)          | EA   | 7        | \$ 550.00                            | \$ 3,850.00  | \$ 964.00     | \$ 6,748.00  |
| 0666               | 6012       | REFL PAV MRK TY I (W) 4"(SLD)(100MIL)          | LF   | 16       | \$ 0.50                              | \$ 8.00      | \$ 5.80       | \$ 92.80     |
| 0666               | 6042       | REFL PAV MRK TY I (W) 12"(SLD)(100MIL)         | LF   | 209      | \$ 3.00                              | \$ 627.00    | \$ 10.00      | \$ 2,090.00  |
| 0666               | 6048       | REFL PAV MRK TY I (W) 24"(SLD)(100MIL)         | LF   | 56       | \$ 6.00                              | \$ 336.00    | \$ 20.00      | \$ 1,120.00  |
| 0666               | 6054       | REFL PAV MRK TY I (W) (ARROW) (100MIL)         | EA   | 1        | \$ 125.00                            | \$ 125.00    | \$ 249.00     | \$ 249.00    |
| 0666               | 6078       | REFL PAV MRK TY I (W) (WORD) (100MIL)          | EA   | 1        | \$ 150.00                            | \$ 150.00    | \$ 255.00     | \$ 255.00    |
| 0666               | 6126       | REFL PAV MRK TY I (Y) 4" (SLD)(100MIL)         | LF   | 365      | \$ 0.50                              | \$ 183.00    | \$ 3.00       | \$ 1,095.00  |
| 0666               | 6147       | REFL PAV MRK TY I (Y) 24"(SLD)(100MIL)         | LF   | 36       | \$ 8.00                              | \$ 288.00    | \$ 21.00      | \$ 756.00    |
| 0666               | 6224       | PAVEMENT SEALER 4"                             | LF   | 380      | \$ 0.20                              | \$ 76.00     | \$ 0.55       | \$ 209.00    |
| 0666               | 6228       | PAVEMENT SEALER 12"                            | LF   | 209      | \$ 1.25                              | \$ 262.00    | \$ 2.20       | \$ 459.80    |
| 0666               | 6230       | PAVEMENT SEALER 24"                            | LF   | 92       | \$ 1.70                              | \$ 157.00    | \$ 4.30       | \$ 395.60    |
| 0677               | 6001       | ELIM EXT PAV MRK & MRKS (4")                   | LF   | 160      | \$ 0.65                              | \$ 104.00    | \$ 9.00       | \$ 1,440.00  |
| 0678               | 6001       | PAV SURF PREP FOR MRK (4")                     | LF   | 380      | \$ 0.08                              | \$ 31.00     | \$ 0.01       | \$ 3.80      |
| 0678               | 6006       | PAV SURF PREP FOR MRK (12")                    | LF   | 209      | \$ 0.50                              | \$ 105.00    | \$ 6.00       | \$ 1,254.00  |
| 0678               | 6008       | PAV SURF PREP FOR MRK (24")                    | LF   | 92       | \$ 1.00                              | \$ 92.00     | \$ 0.12       | \$ 11.04     |
| 0678               | 6009       | PAV SURF PREP FOR MRK (ARROW)                  | EA   | 1        | \$ 15.00                             | \$ 15.00     | \$ 25.00      | \$ 25.00     |
| 0678               | 6016       | PAV SURF PREP FOR MRK (WORD)                   | EA   | 1        | \$ 20.00                             | \$ 20.00     | \$ 25.00      | \$ 25.00     |
| 0680               | 6003       | INSTAL OF HWY TRAF SIG (SYSTEM)                | EA   | 1        | \$ 45,500.00                         | \$ 45,500.00 | \$ 27,000.00  | \$ 27,000.00 |
| 0682               | 6001       | VEH SIG SEC (12") LED (GRN)                    | EA   | 6        | \$ 250.00                            | \$ 1,500.00  | \$ 300.00     | \$ 1,800.00  |
| 0682               | 6002       | VEH SIG SEC (12") LED (GRN ARW)                | EA   | 1        | \$ 250.00                            | \$ 250.00    | \$ 300.00     | \$ 300.00    |
| 0682               | 6003       | VEH SIG SEC (12") LED (YEL)                    | EA   | 6        | \$ 250.00                            | \$ 1,500.00  | \$ 300.00     | \$ 1,800.00  |
| 0682               | 6004       | VEH SIG SEC (12") LED (YEL ARW)                | EA   | 1        | \$ 250.00                            | \$ 250.00    | \$ 300.00     | \$ 300.00    |
| 0682               | 6005       | VEH SIG SEC (12") LED (RED)                    | EA   | 6        | \$ 250.00                            | \$ 1,500.00  | \$ 300.00     | \$ 1,800.00  |
| 0682               | 6018       | PED SIG SEC LED (COUNTDOWN)                    | EA   | 2        | \$ 800.00                            | \$ 1,600.00  | \$ 630.00     | \$ 1,260.00  |
| 0682               | 6023       | BACK PLATE (12") (3 SEC)                       | EA   | 5        | \$ 80.00                             | \$ 400.00    | \$ 52.00      | \$ 260.00    |
| 0682               | 6025       | BACK PLATE (12") (5 SEC)                       | EA   | 1        | \$ 90.00                             | \$ 90.00     | \$ 82.00      | \$ 82.00     |
| 0684               | 6030       | TRF SIG CBL (TY A)(14 AWG)(4 COND)             | LF   | 215      | \$ 1.75                              | \$ 377.00    | \$ 1.30       | \$ 279.50    |
| 0684               | 6031       | TRF SIG CBL (TY A)(14 AWG)(5 COND)             | LF   | 155      | \$ 2.00                              | \$ 310.00    | \$ 1.50       | \$ 232.50    |
| 0684               | 6033       | TRF SIG CBL (TY A)(14 AWG)(7 COND)             | LF   | 45       | \$ 2.80                              | \$ 126.00    | \$ 2.00       | \$ 90.00     |
| 0684               | 6046       | TRF SIG CBL (TY A)(14 AWG)(20 COND)            | LF   | 175      | \$ 5.00                              | \$ 875.00    | \$ 4.00       | \$ 700.00    |
| 0686               | 6032       | INS TRF SIG PL AM(S) 1 ARM (28") LUM & ILSN    | EA   | 1        | \$ 10,000.00                         | \$ 10,000.00 | \$ 10,000.00  | \$ 10,000.00 |
| 0686               | 6118       | INS TRF SIG PL AM(S) 2 ARM (36"-28") ILSN      | EA   | 1        | \$ 15,000.00                         | \$ 15,000.00 | \$ 12,000.00  | \$ 12,000.00 |
| 0687               | 6001       | PED POLE ASSEMBLY                              | EA   | 2        | \$ 3,000.00                          | \$ 6,000.00  | \$ 2,900.00   | \$ 5,800.00  |
| 0688               | 6001       | PED DETECT PUSH BUTTON (APS)                   | EA   | 2        | \$ 1,200.00                          | \$ 2,400.00  | \$ 800.00     | \$ 1,600.00  |
| 6002               | 6001       | VIVDS PROCESSOR SYSTEM                         | EA   | 1        | \$ 8,000.00                          | \$ 8,000.00  | \$ 5,700.00   | \$ 5,700.00  |
| 6002               | 6002       | VIVDS CAMERA ASSEMBLY                          | EA   | 3        | \$ 2,000.00                          | \$ 6,000.00  | \$ 1,900.00   | \$ 5,700.00  |
| 6002               | 6003       | VIVDS SET-UP SYSTEM                            | EA   | 1        | \$ 800.00                            | \$ 800.00    | \$ 400.00     | \$ 400.00    |
| 6002               | 6005       | VIVDS COMMUNICATION CABLE (SIAM) (COAXIAL)     | LF   | 460      | \$ 3.00                              | \$ 1,380.00  | \$ 4.00       | \$ 1,840.00  |
| 6525               | 0          | EMERGENCY PREEMPTION PHASE SELECTOR            | EA   | 1        | \$ 5,000.00                          | \$ 5,000.00  | \$ 4,499.00   | \$ 4,499.00  |
| 6525               | 0          | EMERGENCY PREEMPTION DETECTOR (DUAL CHANNEL)   | EA   | 2        | \$ 3,000.00                          | \$ 6,000.00  | \$ 1,200.00   | \$ 2,400.00  |
| 6525               | 0          | EMERGENCY PREEMPTION DETECTOR CABLE (4/C SHLD) | LF   | 275      | \$ 2.50                              | \$ 688.00    | \$ 4.00       | \$ 1,100.00  |
| 6090               | 8001       | ILSN (LED) (8S)                                | EA   | 1        | \$ 3,000.00                          | \$ 3,000.00  | \$ 2,600.00   | \$ 2,600.00  |
| 6090               | 6002       | ILSN (LED) (8D)                                | EA   | 1        | \$ 3,500.00                          | \$ 3,500.00  | \$ 2,800.00   | \$ 2,800.00  |
| 6077               | 6001       | ETHERNET RADIO 2.4/5.8 GHZ                     | EA   | 1        | \$ 3,200.00                          | \$ 3,200.00  | \$ 1,800.00   | \$ 1,800.00  |
| 6054               | 6004       | ANTENNA                                        | EA   | 1        | \$ 500.00                            | \$ 500.00    | \$ 388.00     | \$ 388.00    |
| 6089               | 0          | ETHERNET CABLE AND CONNECTORS                  | LF   | 70       | \$ 6.00                              | \$ 420.00    | \$ 6.00       | \$ 420.00    |
| TOTAL OF ALL ITEMS |            |                                                |      |          | \$ 258,284.00                        |              | \$ 266,131.04 |              |
|                    |            |                                                |      |          | DIFFERENCE FROM ENGINEER'S ESTIMATE: |              | \$ 7,847.04   |              |
|                    |            |                                                |      |          | % INCREASE FROM ENGINEER'S ESTIMATE: |              | 3.04%         |              |
|                    |            |                                                |      |          | CONTINGENCY (10%)                    |              | \$ 25,828.40  |              |
| UPRR FLAGGER       |            |                                                |      |          | DAYS                                 | 10           | \$ 1,500.00   | \$ 15,000.00 |
| TOTAL ESTIMATE     |            |                                                |      |          | \$ 284,112.40                        |              |               |              |

Estimated Construction Costs  
Roadway Improvements  
Various Locations Along UPRR Line

| ITEM NO.                              | DESC. CODE | DESCRIPTION                            | UNIT | McNeil CR172 | McNeil IH35 FRs | Burnet | Bagdad Fence | QUANTITY    | ENGINEER'S ESTIMATE |              | ATS Estimate |               |
|---------------------------------------|------------|----------------------------------------|------|--------------|-----------------|--------|--------------|-------------|---------------------|--------------|--------------|---------------|
|                                       |            |                                        |      |              |                 |        |              |             | UNIT COST           | ITEM COST    | UNIT COST    | ITEM COST     |
| 0104                                  | 6015       | REMOVING CONC (SIDEWALKS)              | SY   |              | 40              |        |              | 40          | \$ 50.00            | \$ 2,000.00  | \$ 70.00     | \$ 2,800.00   |
| 0104                                  | 6032       | REMOVING CONC (WHEELCHAIR RAMP)        | SY   |              | 19              |        |              | 19          | \$ 80.00            | \$ 1,520.00  | \$ 75.00     | \$ 1,425.00   |
| 0500                                  | 6001       | MOBILIZATION                           | LS   |              |                 |        |              | 1           | \$ 25,000.00        | \$ 25,000.00 | \$ 6,000.00  | \$ 6,000.00   |
| 0502                                  | 6001       | BARRICADES, SIGNS AND TRAFFIC HANDLING | MO   | 2            | 2               | 1      |              | 5           | \$ 8,000.00         | \$ 40,000.00 | \$ 2,000.00  | \$ 10,000.00  |
| 0506                                  | 6038       | TEMP SEDMT CONT FENCE (INSTALL)        | LF   |              | 105             |        |              | 105         | \$ 2.50             | \$ 263.00    |              | \$ -          |
| 0506                                  | 6038       | TEMP SEDMT CONT FENCE (REMOVE)         | LF   |              | 105             |        |              | 105         | \$ 1.00             | \$ 105.00    |              | \$ -          |
| 0506                                  | 6040       | BIODEG EROSN CONT LOGS (INSTL) (8")    | LF   |              | 25              |        |              | 25          | \$ 4.00             | \$ 100.00    |              | \$ -          |
| 0506                                  | 6043       | BIODEG EROSN CONT LOGS (REMOVE)        | LF   |              | 25              |        |              | 25          | \$ 1.50             | \$ 38.00     |              | \$ -          |
| 0529                                  | 6008       | CONC CURB & GUTTER (TY II)             | LF   |              | 31              |        |              | 31          | \$ 60.00            | \$ 1,860.00  | \$ 75.00     | \$ 2,325.00   |
| 0531                                  | 6002       | CONC SIDEWALK (5")                     | SY   |              | 73              |        |              | 73          | \$ 90.00            | \$ 6,570.00  | \$ 87.00     | \$ 6,351.00   |
| 0531                                  | 6004       | CURB RAMPS (TY 1)                      | EA   |              | 1               |        |              | 1           | \$ 2,000.00         | \$ 2,000.00  | \$ 3,300.00  | \$ 3,300.00   |
| 0531                                  | 6005       | CURB RAMPS (TY 2)                      | EA   |              | 1               |        |              | 1           | \$ 2,000.00         | \$ 2,000.00  | \$ 3,700.00  | \$ 3,700.00   |
| 0536                                  | 6002       | CONC MEDIAN                            | SY   | 66           | 139             |        |              | 205         | \$ 140.00           | \$ 28,700.00 | \$ 188.00    | \$ 38,540.00  |
| 0550                                  | 6001       | CHAIN LINK FENCE (INSTALL) (6")        | LF   |              |                 |        | 1550         | 1550        | \$ 35.00            | \$ 54,250.00 | \$ 24.00     | \$ 37,200.00  |
| 0550                                  | 8001       | GATE (INSTALL) (DOUBLE) (6'X24')       | EA   |              |                 |        | 1            | 1           | \$ 4,000.00         | \$ 4,000.00  | \$ 1,400.00  | \$ 1,400.00   |
| 0636                                  | 6001       | ALUMINUM SIGNS (TY A)                  | SF   | 42           | 63              | 34     |              | 139         | \$ 50.00            | \$ 6,950.00  | \$ 32.00     | \$ 4,448.00   |
| 0644                                  | 6001       | IN SM RD SN SUP&AM TY10BWG(1)SA(P)     | EA   | 3            |                 | 2      |              | 5           | \$ 550.00           | \$ 2,750.00  | \$ 964.00    | \$ 4,820.00   |
| 0644                                  | 6009       | IN SM RD SN SUP&AM TY10BWG(1)SB(P)     | EA   | 2            | 1               |        |              | 3           | \$ 650.00           | \$ 1,950.00  | \$ 1,100.00  | \$ 3,300.00   |
| 0644                                  | 6076       | REMOVE SM RD SN SUP & AM               | EA   |              |                 | 1      |              | 1           | \$ 100.00           | \$ 100.00    | \$ 124.00    | \$ 124.00     |
| 0658                                  | 6042       | INSTL DEL ASSM (D-DY)SZ 1(FX)SRF       | EA   | 10           |                 |        |              | 10          | \$ 250.00           | \$ 2,500.00  | \$ 232.00    | \$ 2,320.00   |
| 0666                                  | 6003       | REFL PAV MRK TY I (W)4"(BRK)(100MIL)   | LF   | 10           |                 |        |              | 10          | \$ 10.00            | \$ 100.00    | \$ 6.00      | \$ 60.00      |
| 0666                                  | 6036       | REFL PAV MRK TY I (W) 8" (SLD)(100MIL) | LF   | 420          |                 |        |              | 420         | \$ 3.00             | \$ 1,260.00  | \$ 8.00      | \$ 3,360.00   |
| 0666                                  | 6042       | REFL PAV MRK TY I (W) 12"(SLD)(100MIL) | LF   |              | 74              |        |              | 74          | \$ 8.00             | \$ 592.00    | \$ 11.00     | \$ 814.00     |
| 0666                                  | 6048       | REFL PAV MRK TY I (W) 24"(SLD)(100MIL) | LF   | 125          | 37              | 70     |              | 232         | \$ 10.00            | \$ 2,320.00  | \$ 20.00     | \$ 4,640.00   |
| 0666                                  | 6054       | REFL PAV MRK TY I (W) (ARROW) (100MIL) | EA   | 2            |                 |        |              | 2           | \$ 300.00           | \$ 600.00    | \$ 250.00    | \$ 500.00     |
| 0666                                  | 6078       | REFL PAV MRK TY I (W) (WORD) (100MIL)  | EA   | 2            |                 | 2      |              | 4           | \$ 400.00           | \$ 1,600.00  | \$ 255.00    | \$ 1,020.00   |
| 0666                                  | 6093       | REFL PAV MRK TY I (W)(RRXING)(100MIL)  | EA   | 2            |                 | 2      |              | 4           | \$ 600.00           | \$ 2,400.00  | \$ 800.00    | \$ 3,200.00   |
| 0666                                  | 6126       | REFL PAV MRK TY I (Y) 4" (SLD)(100MIL) | LF   | 520          |                 | 520    |              | 1040        | \$ 2.00             | \$ 2,080.00  | \$ 3.00      | \$ 3,120.00   |
| 0666                                  | 6147       | REFL PAV MRK TY I (Y) 24"(SLD)(100MIL) | LF   | 20           |                 |        |              | 20          | \$ 10.00            | \$ 200.00    | \$ 21.00     | \$ 420.00     |
| 0666                                  | 6224       | PAVEMENT SEALER 4"                     | LF   | 530          |                 | 520    |              | 1050        | \$ 1.00             | \$ 1,050.00  | \$ 0.55      | \$ 577.50     |
| 0666                                  | 6226       | PAVEMENT SEALER 8"                     | LF   | 420          |                 |        |              | 420         | \$ 2.00             | \$ 840.00    | \$ 1.20      | \$ 504.00     |
| 0666                                  | 6228       | PAVEMENT SEALER 12"                    | LF   |              | 74              |        |              | 74          | \$ 3.00             | \$ 222.00    | \$ 2.00      | \$ 148.00     |
| 0666                                  | 6230       | PAVEMENT SEALER 24"                    | LF   | 145          | 37              | 70     |              | 252         | \$ 5.00             | \$ 1,260.00  | \$ 4.00      | \$ 1,008.00   |
| 0666                                  | 6231       | PAVEMENT SEALER ARROW                  | EA   | 2            |                 |        |              | 2           | \$ 50.00            | \$ 100.00    | \$ 99.00     | \$ 198.00     |
| 0666                                  | 6232       | ITEM NO.                               | EA   | 2            |                 | 2      |              | 4           | \$ 50.00            | \$ 200.00    | \$ 200.00    | \$ 800.00     |
| 0666                                  | 6242       | PAVEMENT SEALER RRRXING                | EA   | 2            |                 | 2      |              | 4           | \$ 100.00           | \$ 400.00    | \$ 215.00    | \$ 860.00     |
| 0677                                  | 6001       | ELIM EXT PAV MRK & MRKS (4")           | LF   | 50           | 105             |        |              | 155         | \$ 2.00             | \$ 310.00    | \$ 9.00      | \$ 1,395.00   |
| 0677                                  | 6007       | ELIM EXT PAV MRK & MRKS (24")          | LF   | 50           | 36              |        |              | 86          | \$ 8.00             | \$ 688.00    | \$ 26.00     | \$ 2,236.00   |
| 0678                                  | 6001       | PAV SURF PREP FOR MRK (4")             | LF   | 530          |                 | 520    |              | 1050        | \$ 1.00             | \$ 1,050.00  | \$ 0.01      | \$ 10.50      |
| 0678                                  | 6004       | PAV SURF PREP FOR MRK (8")             | LF   | 420          |                 |        |              | 420         | \$ 2.00             | \$ 840.00    | \$ 0.02      | \$ 8.40       |
| 0678                                  | 6006       | PAV SURF PREP FOR MRK (12")            | LF   |              | 74              |        |              | 74          | \$ 4.00             | \$ 296.00    | \$ 0.10      | \$ 7.40       |
| 0678                                  | 6008       | PAV SURF PREP FOR MRK (24")            | LF   | 145          | 37              | 70     |              | 252         | \$ 5.00             | \$ 1,260.00  | \$ 0.12      | \$ 30.24      |
| 0678                                  | 6009       | PAV SURF PREP FOR MRK (ARROW)          | EA   | 2            |                 |        |              | 2           | \$ 20.00            | \$ 40.00     | \$ 5.00      | \$ 10.00      |
| 0678                                  | 6016       | PAV SURF PREP FOR MRK (WORD)           | EA   | 4            |                 | 2      |              | 6           | \$ 30.00            | \$ 180.00    | \$ 10.00     | \$ 60.00      |
| 0678                                  | 6020       | PAV SURF PREP FOR MRK (RRXING)         | EA   | 2            |                 | 2      |              | 4           | \$ 40.00            | \$ 160.00    | \$ 6.00      | \$ 24.00      |
| TOTAL OF ALL ITEMS                    |            |                                        |      |              |                 |        |              |             | \$ 202,704.00       |              | Total:       | \$ 153,064.04 |
| TOTAL OF ALL ITEMS (minus 0506 Items) |            |                                        |      |              |                 |        |              |             | \$ 202,198.00       |              |              |               |
| DIFFERENCE FROM ENGINEER'S ESTIMATE:  |            |                                        |      |              |                 |        |              |             |                     |              | \$           | (49,133.96)   |
| % DECREASE FROM ENGINEER'S ESTIMATE:  |            |                                        |      |              |                 |        |              |             |                     |              |              | -24.24%       |
| CONTINGENCY (10%)                     |            |                                        |      |              |                 |        |              |             | \$ 20,270.40        |              |              |               |
| UPRR FLAGGER                          |            |                                        | DAYS |              |                 | 21     |              | \$ 1,500.00 | \$ 31,500.00        |              |              |               |
| TOTAL ESTIMATE                        |            |                                        |      |              |                 |        |              |             | \$ 222,974.40       |              |              |               |

|                                                 |                |
|-------------------------------------------------|----------------|
| Total Cost Both Projects (Engineer's Estimate): | \$ 460,482.00  |
| Total Cost Both Projects (Contractor Bid):      | \$ 419,195.08  |
| DIFFERENCE FROM ENGINEER'S ESTIMATE:            | \$ (41,286.92) |
| % DECREASE FROM ENGINEER'S ESTIMATE:            | -8.97%         |