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| SHEET NUM.                    |       |  |  |  |  |  |  |  |  | PART.     | ITEM | ITEM  | GRAND | UNIT | DESCRIPTION  | SEE SHEET NO. |
|-------------------------------|-------|--|--|--|--|--|--|--|--|-----------|------|-------|-------|------|--|---------------|
| 51                            | 58    |  |  |  |  |  |  |  |  | 01/SAF/PV | EXT  | TOTAL |       |      |  |               |
|                               | 2     |  |  |  |  |  |  |  |  | 2         | 625  | 26253 | 2     | EACH | LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, ASYMMETRIC, 120V, HIGH OUTPUT | 90            |
|                               | 87    |  |  |  |  |  |  |  |  | 87        | 625  | 29000 | 87    | FT   | TRENCH   |               |
|                               | 2     |  |  |  |  |  |  |  |  | 2         | 625  | 30706 | 2     | EACH | PULL BOX, 725.08, 24"  |               |
|                               | 8     |  |  |  |  |  |  |  |  | 8         | 625  | 32000 | 8     | EACH | GROUND ROD   |               |
|                               | 2     |  |  |  |  |  |  |  |  | 2         | 630  | 79000 | 2     | EACH | SIGN HANGER ASSEMBLY, SPAN WIRE  |               |
|                               | 15    |  |  |  |  |  |  |  |  | 15        | 630  | 80100 | 15    | SF   | SIGN, FLAT SHEET   |               |
|                               | 14    |  |  |  |  |  |  |  |  | 14        | 632  | 05007 | 14    | EACH | VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN   | 91            |
|                               | 2     |  |  |  |  |  |  |  |  | 2         | 632  | 05087 | 2     | EACH | VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN   | 91            |
|                               | 16    |  |  |  |  |  |  |  |  | 16        | 632  | 25000 | 16    | EACH | COVERING OF VEHICULAR SIGNAL HEAD  | 90            |
|                               | 865   |  |  |  |  |  |  |  |  | 865       | 632  | 30200 | 865   | FT   | MESSENGER WIRE, 7 STRAND, 3/8" DIAMETER WITH ACCESSORIES                               |               |
|                               | 865   |  |  |  |  |  |  |  |  | 865       | 632  | 30600 | 865   | FT   | TETHER WIRE, WITH ACCESSORIES  |               |
|                               | 200   |  |  |  |  |  |  |  |  | 200       | 632  | 40500 | 200   | FT   | SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG  |               |
|                               | 1,840 |  |  |  |  |  |  |  |  | 1,840     | 632  | 40700 | 1,840 | FT   | SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG  |               |
|                               | 1,680 |  |  |  |  |  |  |  |  | 1,680     | 632  | 42300 | 1,680 | FT   | SIGNAL CABLE, 3 CONDUCTOR, NO. 12 AWG (LIGHTING)                                       |               |
|                               | 8     |  |  |  |  |  |  |  |  | 8         | 632  | 64000 | 8     | EACH | STRAIN POLE FOUNDATION   |               |
|                               | 300   |  |  |  |  |  |  |  |  | 300       | 632  | 68300 | 300   | FT   | POWER CABLE, 3 CONDUCTOR, NO. 6 AWG  |               |
|                               | 255   |  |  |  |  |  |  |  |  | 255       | 632  | 69800 | 255   | FT   | SERVICE CABLE, 3 CONDUCTOR, NO. 6 AWG  |               |
|                               | 2     |  |  |  |  |  |  |  |  | 2         | 632  | 70000 | 2     | EACH | POWER SERVICE  |               |
|                               | 4     |  |  |  |  |  |  |  |  | 4         | 632  | 70400 | 4     | EACH | CONDUIT RISER, 2" DIAMETER   |               |
|                               | 6     |  |  |  |  |  |  |  |  | 6         | 632  | 83200 | 6     | EACH | STRAIN POLE, TYPE TC-81.10, DESIGN 12  |               |
|                               | 2     |  |  |  |  |  |  |  |  | 2         | 632  | 85200 | 2     | EACH | COMBINATION STRAIN POLE, TYPE TC-81.10, DESIGN 12                                      |               |
|                               | 2     |  |  |  |  |  |  |  |  | 2         | 632  | 90400 | 2     | EACH | SIGNALIZATION, MISC.:CDMA MODEM, FURNISH ONLY  | 93            |
|                               | 2     |  |  |  |  |  |  |  |  | 2         | 633  | 65511 | 2     | EACH | CABINET, TYPE TS-2, AS PER PLAN  | 91            |
|                               | 2     |  |  |  |  |  |  |  |  | 2         | 633  | 67100 | 2     | EACH | CABINET FOUNDATION   |               |
|                               | 2     |  |  |  |  |  |  |  |  | 2         | 633  | 67200 | 2     | EACH | CONTROLLER WORK PAD  |               |
|                               | 2     |  |  |  |  |  |  |  |  | 2         | 633  | 75001 | 2     | EACH | UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN                             | 91            |
|                               | 3     |  |  |  |  |  |  |  |  | 3         | 633  | 99000 | 3     | EACH | CONTROLLER ITEM, MISC.:ETHERNET RADIO (UBIQUITY)                                       | 91            |
|                               | 2     |  |  |  |  |  |  |  |  | 2         | 633  | 99000 | 2     | EACH | CONTROLLER ITEM, MISC.:UNMANAGED ETHERNET SWITCH                                       | 91            |
|                               | 60    |  |  |  |  |  |  |  |  | 60        | 809  | 64550 | 60    | FT   | ETHERNET CABLE, OUTDOOR-RATED  |               |
|                               | 6     |  |  |  |  |  |  |  |  | 6         | 809  | 69000 | 6     | EACH | ADVANCE RADAR DETECTION  | 93            |
|                               | 4     |  |  |  |  |  |  |  |  | 4         | 809  | 69100 | 4     | EACH | STOP LINE RADAR DETECTION  | 93            |
|                               | 2     |  |  |  |  |  |  |  |  | 2         | 809  | 69123 | 2     | EACH | ATC V6.24 CONTROLLER, AS PER PLAN  | 91            |
| <b>MAINTENANCE OF TRAFFIC</b> |       |  |  |  |  |  |  |  |  |           |      |       |       |      |  |               |
| 1,659                         |       |  |  |  |  |  |  |  |  | 1,659     | 202  | 23000 | 1,659 | SY   | PAVEMENT REMOVED   |               |
| 108                           |       |  |  |  |  |  |  |  |  | 108       | 614  | 11110 | 108   | HOUR | LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE                                 | 10            |
| 5,885                         |       |  |  |  |  |  |  |  |  | 5,885     | 614  | 11630 | 5,885 | FT   | INCREASED BARRIER DELINEATION  |               |
| 7                             |       |  |  |  |  |  |  |  |  | 7         | 614  | 12346 | 7     | EACH | WORK ZONE IMPACT ATTENUATOR (UNIDIRECTIONAL), 24-INCH WIDE                             | 10            |
| 3                             |       |  |  |  |  |  |  |  |  | 3         | 614  | 12348 | 3     | EACH | WORK ZONE IMPACT ATTENUATOR (BIDIRECTIONAL), 24-INCH WIDE                              | 10            |
| 2                             |       |  |  |  |  |  |  |  |  | 2         | 614  | 12500 | 2     | EACH | REPLACEMENT SIGN   | 9             |
| 20                            |       |  |  |  |  |  |  |  |  | 20        | 614  | 12600 | 20    | EACH | REPLACEMENT DRUM   | 9             |
| 137                           |       |  |  |  |  |  |  |  |  | 137       | 614  | 13310 | 137   | EACH | BARRIER REFLECTOR, TYPE 1(BI-DIRECTIONAL)  |               |
| 137                           |       |  |  |  |  |  |  |  |  | 137       | 614  | 13350 | 137   | EACH | OBJECT MARKER, ONE WAY   |               |
| 0.22                          |       |  |  |  |  |  |  |  |  | 0.22      | 614  | 20550 | 0.22  | MILE | WORK ZONE LANE LINE, CLASS III, 4", 642 PAINT  |               |
| 2.09                          |       |  |  |  |  |  |  |  |  | 2.09      | 614  | 22100 | 2.09  | MILE | WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT  | 11            |
| 0.73                          |       |  |  |  |  |  |  |  |  | 0.73      | 614  | 22350 | 0.73  | MILE | WORK ZONE EDGE LINE, CLASS III, 4", 642 PAINT  |               |
| 612                           |       |  |  |  |  |  |  |  |  | 612       | 614  | 23200 | 612   | FT   | WORK ZONE CHANNELIZING LINE, CLASS I, 8", 642 PAINT                                    |               |
| 403                           |       |  |  |  |  |  |  |  |  | 403       | 614  | 23680 | 403   | FT   | WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT                                  |               |
| 239                           |       |  |  |  |  |  |  |  |  | 239       | 614  | 26200 | 239   | FT   | WORK ZONE STOP LINE, CLASS I, 642 PAINT  |               |
| 110                           |       |  |  |  |  |  |  |  |  | 110       | 614  | 26610 | 110   | FT   | WORK ZONE STOP LINE, CLASS III, 642 PAINT  |               |
| 1,948                         |       |  |  |  |  |  |  |  |  | 1,948     | 615  | 20000 | 1,948 | SY   | PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A  |               |
| 2                             |       |  |  |  |  |  |  |  |  | 2         | 622  | 41050 | 2     | EACH | PORTABLE BARRIER, "Y" CONNECTOR  |               |
| 5,905                         |       |  |  |  |  |  |  |  |  | 5,905     | 622  | 41100 | 5,905 | FT   | PORTABLE BARRIER, UNANCHORED   |               |
| <b>INCIDENTALS</b>            |       |  |  |  |  |  |  |  |  |           |      |       |       |      |  |               |
|                               |       |  |  |  |  |  |  |  |  | LS        | 614  | 11000 | LS    |      | MAINTAINING TRAFFIC  |               |
|                               |       |  |  |  |  |  |  |  |  | 3         | 619  | 16010 | 3     | MNTH | FIELD OFFICE, TYPE B   |               |
|                               |       |  |  |  |  |  |  |  |  | LS        | 623  | 10000 | LS    |      | CONSTRUCTION LAYOUT STAKES AND SURVEYING   |               |
|                               |       |  |  |  |  |  |  |  |  | LS        | 624  | 10000 | LS    |      | MOBILIZATION   |               |

|                    |     |         |     |
|--------------------|-----|---------|-----|
| CALCULATED         | JTO | CHECKED | JDH |
| GENERAL SUMMARY    |     |         |     |
| UNI-42-4.51 / 4.68 |     |         |     |
| 50                 |     |         |     |
| 106                |     |         |     |

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| SHEET NUM. |  |  |  |  |  |  |    |     |    |         | PART. |  |     | ITEM  | ITEM EXT | GRAND TOTAL | UNIT   | DESCRIPTION   | SEE SHEET NO. |
|------------|--|--|--|--|--|--|----|-----|----|---------|-------|--|-----|-------|----------|-------------|--|---|---------------|
|            |  |  |  |  |  |  | 9  | 10  | 11 | 54      |       |  |     |       |          |             |  |   |               |
|            |  |  |  |  |  |  |    |     |    | 1,659   |       |  | 202 | 23000 | 1,659    | SY          | PAVEMENT REMOVED   |   |               |
|            |  |  |  |  |  |  |    | 108 |    |         |       |  | 614 | 1110  | 108      | hour        | LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE     | 10  |               |
|            |  |  |  |  |  |  |    | LS  |    |         |       |  | 614 | 11000 | LS       |             | MAINTAINING TRAFFIC  | 9   |               |
|            |  |  |  |  |  |  |    |     | 7  |         |       |  | 614 | 12346 | 7        | EACH        | WORK ZONE IMPACT ATTENUATOR (UNIDIRECTIONAL), 24-INCH WIDE | 10  |               |
|            |  |  |  |  |  |  |    |     | 3  |         |       |  | 614 | 12348 | 3        | EACH        | WORK ZONE IMPACT ATTENUATOR (BIDIRECTIONAL), 24-INCH WIDE  | 10  |               |
|            |  |  |  |  |  |  | 2  |     |    |         |       |  | 614 | 12500 | 2        | EACH        | REPLACEMENT SIGN   | 9   |               |
|            |  |  |  |  |  |  | 20 |     |    |         |       |  | 614 | 12600 | 20       | EACH        | REPLACEMENT DRUM   | 9   |               |
|            |  |  |  |  |  |  |    |     |    | 137     |       |  | 614 | 13310 | 137      | EACH        | BARRIER REFLECTOR, TYPE 1 (BI-DIRECTIONAL)                 |   |               |
|            |  |  |  |  |  |  |    |     |    | 137     |       |  | 614 | 13350 | 137      | EACH        | OBJECT MARKER, ONE WAY                                     |   |               |
|            |  |  |  |  |  |  |    |     |    | 5,885   |       |  | 614 | 11630 | 5,885    | FT          | INCREASED BARRIER DELINEATION                              | 11  |               |
|            |  |  |  |  |  |  |    |     |    | 0.22    |       |  | 614 | 20550 | 0.22     | MILE        | WORK ZONE LANE LINE, CLASS III, 4", 642 PAINT              |   |               |
|            |  |  |  |  |  |  |    |     |    | 2.09    |       |  | 614 | 22100 | 2.09     | MILE        | WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT                |   |               |
|            |  |  |  |  |  |  |    |     |    | 612     |       |  | 614 | 23200 | 612      | FT          | WORK ZONE CHANNELIZING LINE, CLASS I, 8", 642 PAINT        |   |               |
|            |  |  |  |  |  |  |    |     |    | 0.73    |       |  | 614 | 22350 | 0.73     | MILE        | WORK ZONE EDGE LINE, CLASS III, 4", 642 PAINT              |   |               |
|            |  |  |  |  |  |  |    |     |    | 403     |       |  | 614 | 23680 | 403      | FT          | WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT      |   |               |
|            |  |  |  |  |  |  |    |     |    | 239     |       |  | 614 | 26200 | 239      | FT          | WORK ZONE STOP LINE, CLASS I, 642 PAINT                    |   |               |
|            |  |  |  |  |  |  |    |     |    | 110     |       |  | 614 | 26610 | 110      | FT          | WORK ZONE STOP LINE, CLASS III, 642 PAINT                  |   |               |
|            |  |  |  |  |  |  |    |     |    | 1,948.0 |       |  | 615 | 20000 | 1,948.0  | SY          | PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A                  |   |               |
|            |  |  |  |  |  |  |    |     |    | 2       |       |  | 622 | 41050 | 2        | EACH        | PORTABLE BARRIER, "Y" CONNECTOR                            |   |               |
|            |  |  |  |  |  |  |    |     |    | 5905    |       |  | 622 | 41100 | 5905     | FT          | PORTABLE BARRIER, UNANCHORED                               |   |               |
|            |  |  |  |  |  |  |    |     |    |         |       |  |     |       |          |             |  |   |               |
|            |  |  |  |  |  |  |    |     |    |         |       |  |     |       |          |             |  | TOTALS ON THIS SHEET HAVE BEEN CARRIED TO THE GENERAL SUMMARY |               |

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**MAINTENANCE OF TRAFFIC SUBSUMMARY**

**UNI-42-4.51 / 4.68**

| SHEET NO.                    | REFERENCE NO.                             | LOCATION  | STATION   |   | LENGTH<br>FT | AVERAGE<br>WIDTH<br>FT | SIDE                                | GRAPHICAL<br>GENERATED<br>AREA<br>SF | 202  | 614   | 614  | 614                            | 614   | 614  | 614   | 614  | 614   | 614  | 614   | 614  | 614   | 614   | 615                                   | 622  | 622     |       |   |
|------------------------------|---|---|---|---|--------------|------------------------|-------------------------------------|--------------------------------------|--|---|--|--------------------------------|---|--|---|--|---|--|---|--|---|---|---------------------------------------|--|---------|-------|---|
|                              |   |   | PAVEMENT<br>REMOVED<br>SY                                   | WORK ZONE<br>IMPACT<br>ATTENUATOR<br>(BIDIRECTIONAL),<br>24-INCH WIDE<br>EACH |              |                        |                                     |                                      | WORK ZONE<br>IMPACT<br>ATTENUATOR<br>(UNIDIRECTIONAL),<br>24-INCH WIDE<br>EACH | BARRIER REFLECTOR,<br>TYPE 1 (BI-DIRECTIONAL,<br>Y/R)<br>EACH | BARRIER REFLECTOR,<br>TYPE 1 (BIDIRECTIONAL,<br>W/R)<br>EACH | OBJECT MARKER, ONE WAY<br>EACH | WORK ZONE EDGE LINE,<br>CLASS I, 4", 642 PAINT<br>(WHITE)<br>MILE | WORK ZONE EDGE LINE,<br>CLASS I, 4", 642 PAINT<br>(YELLOW)<br>MILE | WORK ZONE CHANNELIZING<br>LINE, CLASS I. 8", 642<br>PAINT<br>FT | WORK ZONE STOP LINE,<br>CLASS I, 642 PAINT<br>FT | WORK ZONE EDGE LINE,<br>CLASS III, 4", 642 PAINT<br>(WHITE)<br>MILE | WORK ZONE EDGE LINE,<br>CLASS III, 4", 642 PAINT<br>(YELLOW)<br>MILE | WORK ZONE CHANNELIZING<br>LINE, CLASS III. 8", 642<br>PAINT<br>FT | WORK ZONE STOP LINE,<br>CLASS III, 642 PAINT<br>FT | WORK ZONE LANE LINE,<br>CLASS III, 4" 642 PAINT<br>MILE | PAVEMENT FOR<br>MAINTAINING TRAFFIC,<br>CLASS A<br>SY | PORTABLE BARRIER,<br>UNANCHORED<br>FT | PORTABLE BARRIER, "Y"<br>CONNECTOR<br>EACH |         |       |   |
|                              |   | PHASE 1   |   |   |              |                        |                                     |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |         |       |   |
| 17                           |   | RAMP D<br>NO QUANTITIES THIS SHEET                    |   |   |              |                        |                                     |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |         |       |   |
| 18                           | ELW1<br>PMT1                              | RAMP D<br>RAMP D                                      | 1062+28<br>1063+22  | 1072+30<br>1072+26  | 904          | 3.6                    | LT<br>RT                            | 3274.0                               |  |   |  |                                |   | 0.19   |   |  |   |  |   |  |   |   |                                       |  | 363.8   |       |   |
| 19                           | SL1<br>PMT2<br>SL2<br>SL3                 | RAMP D<br>US 42<br>US 42<br>US 42                     | 1072+23<br>236+33<br>236+68<br>237+80                       | 1072+30<br>237+06   | 74           | 13.4                   | LT<br>LT/RT<br>LT<br>RT             | 983.0                                |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  | 109.2   |       |   |
| 20                           |   | RAMP C<br>NO QUANTITIES THIS SHEET                    |   |   |              |                        |                                     |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |         |       |   |
| 21                           |   | RAMP A<br>NO QUANTITIES THIS SHEET                    |   |   |              |                        |                                     |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |         |       |   |
| 22                           | SL4<br>SL5<br>PMT3<br>SL6<br>ELW2<br>PMT4 | US 42<br>US 42<br>US 42<br>RAMP B<br>RAMP B<br>RAMP B | 246+90<br>245+80<br>246+52<br>1069+96<br>1069+96<br>1070+01 | 247+25<br>1070+03<br>1079+50<br>1078+00                                       | 73           | 13.4                   | LT<br>RT<br>LT/RT<br>RT<br>RT<br>LT | 978.0                                |  |   |  |                                |   | 0.18   |   |  |   |  |   |  |   |   |                                       |  | 108.7   |       |   |
| 23                           |   | RAMP B<br>NO QUANTITIES THIS SHEET                    |   |   |              |                        |                                     |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |         |       |   |
| 24                           |   | RAMP B<br>NO QUANTITIES THIS SHEET                    |   |   |              |                        |                                     |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |         |       |   |
|                              |   | PHASE 2   |   |   |              |                        |                                     |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |         |       |   |
| 25                           | ELY1<br>IA1<br>PB1                        | RAMP D<br>US 33<br>US 33                              | 1061+58<br>1061+63<br>1061+95                               | 1072+33<br>1062+05  |              |                        | LT<br>RT<br>RT                      |                                      |  |   |  |                                |   |  | 0.20  |  |   |  |   |  |   |   |                                       |  | 10      |       |   |
| 26                           | PBY1<br>PB2<br>PB3<br>PMT5<br>ELW3        | US 33<br>US 33<br>RAMP D<br>RAMP D<br>RAMP D          | 1062+05<br>1062+16<br>1062+17<br>1063+06<br>1063+73         | 1064+11<br>1072+10<br>1072+26<br>1072+43                                      | 920          | 5.1                    | RT<br>RT<br>LT<br>LT<br>RT          | 4727.0                               |  |   |  |                                |   |  | 0.16  |  |   |  |   |  |   |   |                                       |  | 525.2   |       |   |
| 27                           | SL7<br>ELW4                               | RAMP D<br>RAMP C                                      | 1072+33<br>1071+28  | 1072+43<br>1076+13  |              |                        | LT/RT<br>LT                         |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |         |       |   |
| 28                           |   | RAMP C<br>NO QUANTITIES THIS SHEET                    |   |   |              |                        |                                     |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |         |       |   |
| SUBTOTALS THIS SHEET         |   |   |   |   |              |                        |                                     |                                      |  | 1   | 23   | 6                              | 29  | 0.63   | 0.20  |  | 198   |  |   |  |   |   |                                       | 1,430.1                                    | 1,213   | 1     |   |
| TOTALS CARRIED TO NEXT SHEET |   |   |   |   |              |                        |                                     |                                      |  | 1   | 23   | 6                              | 29  | 0.63   | 0.20  |  | 198   |  |   |  |   |   |                                       |  | 1,430.1 | 1,213 | 1 |

MAINTENANCE OF TRAFFIC ESTIMATED QUANTITIES

UNI-42-4.51 / 4.68

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| SHEET NO.                           | REFERENCE NO. | LOCATION                           | STATION                  |   | LENGTH<br>FT | AVERAGE<br>WIDTH<br>FT | SIDE   | GRAPHICAL<br>GENERATED<br>AREA<br>SF | 202  | 614   | 614  | 614                            | 614   | 614  | 614   | 614  | 614   | 614  | 614   | 614  | 614   | 615   | 622                                   | 622  |   |
|-------------------------------------|---------------|------------------------------------|--------------------------|---|--------------|------------------------|--------|--------------------------------------|--|---|--|--------------------------------|---|--|---|--|---|--|---|--|---|---|---------------------------------------|--|---|
|                                     |               |                                    | PAVEMNT<br>REMOVED<br>SY | WORK ZONE<br>IMPACT<br>ATTENUATOR<br>(BIDIRECTIONAL),<br>24-INCH WIDE<br>EACH |              |                        |        |                                      | WORK ZONE<br>IMPACT<br>ATTENUATOR<br>(UNIDIRECTIONAL),<br>24-INCH WIDE<br>EACH | BARRIER REFLECTOR,<br>TYPE 1 (BI-DIRECTIONAL,<br>Y/R)<br>EACH | BARRIER REFLECTOR,<br>TYPE 1 (BIDIRECTIONAL,<br>W/R)<br>EACH | OBJECT MARKER, ONE WAY<br>EACH | WORK ZONE EDGE LINE,<br>CLASS I, 4", 642 PAINT<br>(WHITE)<br>MILE | WORK ZONE EDGE LINE,<br>CLASS I, 4", 642 PAINT<br>(YELLOW)<br>MILE | WORK ZONE CHANNELIZING<br>LINE, CLASS I. 8", 642<br>PAINT<br>FT | WORK ZONE STOP LINE,<br>CLASS I, 642 PAINT<br>FT | WORK ZONE EDGE LINE,<br>CLASS III, 4", 642 PAINT<br>(WHITE)<br>MILE | WORK ZONE EDGE LINE,<br>CLASS III, 4", 642 PAINT<br>(YELLOW)<br>MILE | WORK ZONE CHANNELIZING<br>LINE, CLASS III. 8", 642<br>PAINT<br>FT | WORK ZONE STOP LINE,<br>CLASS III, 642 PAINT<br>FT | WORK ZONE LANE LINE,<br>CLASS III, 4" 642 PAINT<br>MILE | PAVEMENT FOR<br>MAINTAINING TRAFFIC,<br>CLASS A<br>SY | PORTABLE BARRIER,<br>UNANCHORED<br>FT | PORTABLE BARRIER, "Y"<br>CONNECTOR<br>EACH |   |
|                                     |               | PHASE 2 (CONTINUED)                |                          |   |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
| 29                                  |               | RAMP A<br>NO QUANTITIES THIS SHEET |                          |   |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
| 30                                  | SL8           | RAMP B                             | 1069+77                  | 1069+92   |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
|                                     | ELW6          | RAMP B                             | 1069+77                  | 1078+51   |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
|                                     | ELY2          | RAMP B                             | 1069+92                  | 1079+50   |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
|                                     | PMT8          | RAMP B                             | 1069+94                  | 1078+98   | 904          | 5.2                    | 4661.0 |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
|                                     | PB4           | RAMP B                             | 1070+16                  | 1079+84   |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
| 31                                  | PB5           | US 33                              | 1077+92                  | 1079+82   |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
|                                     | PBY2          | US 33                              | 1079+82                  |   |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
|                                     | PB6           | US 33                              | 1079+94.5                |   |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
| 32                                  | IA4           | US 33                              | 1080+04.5                |   |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
|                                     |               | PHASE 3                            |                          |   |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
| 33                                  | IA5           | RAMP D                             | 1060+07                  |   |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
|                                     | PB7           | RAMP D                             | 1060+40                  | 1072+10   |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
|                                     | ELW7          | RAMP D                             | 1060+50                  | 1072+29   |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
| 34                                  | CH1           | RAMP D                             | 1062+56                  | 1062+93   |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
|                                     | CH2           | RAMP D                             | 1062+56                  | 1062+99   |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
|                                     | ELY3          | RAMP D                             | 1063+99                  | 1072+25   |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
|                                     | RP1           | RAMP D                             | 1063+22                  | 1072+26   | 904          | 3.6                    | 3274.0 | 363.8                                |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
| 35                                  | SL9           | RAMP D                             | 1072+25                  | 1072+29   |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
|                                     | ELW8          | RAMP C                             | 1071+11                  | 1075+58   |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
|                                     | ELY4          | RAMP C                             | 1071+25                  | 1076+43   |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
|                                     |               | US 42 - RAMP D CLOSURE             | 234+93                   | 239+60  |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
|                                     |               | US 42 - RAMP C CLOSURE             | 235+56                   | 238+77  |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
| 36                                  |               | RAMP C<br>NO QUANTITIES THIS SHEET |                          |   |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
| 37                                  |               | RAMP A<br>NO QUANTITIES THIS SHEET |                          |   |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
| 38                                  | SL10          | RAMP B                             | 1069+96                  | 1070+01   |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
|                                     | ELW10         | RAMP B                             | 1069+96                  | 1080+21   |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
|                                     | ELY5          | RAMP B                             | 1070+01                  | 1078+02   |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
|                                     | RP2           | RAMP B                             | 1070+01                  | 1078+00   | 799          | 3.6                    | 2908.6 | 323.2                                |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
|                                     | PB9           | RAMP B                             | 1070+16                  | 1081+20   |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
| 39                                  | CH3           | RAMP B                             | 1078+02                  | 1079+12   |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
|                                     | CH4           | RAMP B                             | 1078+07                  | 1080+10   |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
| 40                                  | IA6           | RAMP B                             | 1081+20                  |   |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
|                                     |               | US 42 - RAMP A CLOSURE             | 244+95                   | 248+35  |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
|                                     |               | US 42 - RAMP B CLOSURE             | 245+05                   | 245+03  |              |                        |        |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |   |
| SUBTOTALS THIS SHEET                |               |                                    |                          |   |              |                        |        |                                      | 687  | 3   | 6  | 21                             | 87  | 108  | 0.67  | 0.59   | 612   | 41   |   |  |   |   | 517.9                                 | 4,692                                      | 1 |
| SUBTOTALS PREVIOUS SHEET            |               |                                    |                          |   |              |                        |        |                                      |  |   | 1  | 23                             | 6   | 29   | 0.63  | 0.20   |   | 198  |   |  |   |   | 1,430.1                               | 1,213                                      | 1 |
| <b>TOTALS CARRIED TO NEXT SHEET</b> |               |                                    |                          |   |              |                        |        |                                      | 687  | 3   | 7  | 44                             | 93  | 137  | 1.29  | 0.79   | 612   | 239  |   |  |   |   | 1,948.0                               | 5,905                                      | 2 |

| SHEET NO.                               | REFERENCE NO. | LOCATION                           | STATION                   |   | LENGTH<br>FT | AVERAGE<br>WIDTH<br>FT | SIDE | GRAPHICAL<br>GENERATED<br>AREA<br>SF | 202  | 614   | 614  | 614                            | 614   | 614  | 614   | 614  | 614   | 614  | 614   | 614  | 614   | 615   | 622                                   | 622  |         |       |   |
|---|---------------|------------------------------------|---------------------------|---|--------------|------------------------|------|--------------------------------------|--|---|--|--------------------------------|---|--|---|--|---|--|---|--|---|---|---------------------------------------|--|---------|-------|---|
|   |               |                                    | PAVEMENT<br>REMOVED<br>SY | WORK ZONE<br>IMPACT<br>ATTENUATOR<br>(BIDIRECTIONAL),<br>24-INCH WIDE<br>EACH |              |                        |      |                                      | WORK ZONE<br>IMPACT<br>ATTENUATOR<br>(UNIDIRECTIONAL),<br>24-INCH WIDE<br>EACH | BARRIER REFLECTOR,<br>TYPE 1 (BI-DIRECTIONAL,<br>Y/R)<br>EACH | BARRIER REFLECTOR,<br>TYPE 1 (BIDIRECTIONAL,<br>W/R)<br>EACH | OBJECT MARKER, ONE WAY<br>EACH | WORK ZONE EDGE LINE,<br>CLASS I, 4", 642 PAINT<br>(WHITE)<br>MILE | WORK ZONE EDGE LINE,<br>CLASS I, 4", 642 PAINT<br>(YELLOW)<br>MILE | WORK ZONE CHANNELIZING<br>LINE, CLASS I. 8", 642<br>PAINT<br>FT | WORK ZONE STOP LINE,<br>CLASS I, 642 PAINT<br>FT | WORK ZONE EDGE LINE,<br>CLASS III, 4", 642 PAINT<br>(WHITE)<br>MILE | WORK ZONE EDGE LINE,<br>CLASS III, 4", 642 PAINT<br>(YELLOW)<br>MILE | WORK ZONE CHANNELIZING<br>LINE, CLASS III. 8", 642<br>PAINT<br>FT | WORK ZONE STOP LINE,<br>CLASS III, 642 PAINT<br>FT | WORK ZONE LANE LINE,<br>CLASS III, 4" 642 PAINT<br>MILE | PAVEMENT FOR<br>MAINTAINING TRAFFIC,<br>CLASS A<br>SY | PORTABLE BARRIER,<br>UNANCHORED<br>FT | PORTABLE BARRIER, "Y"<br>CONNECTOR<br>EACH |         |       |   |
|   |               | PHASE 4                            |                           |   |              |                        |      |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |         |       |   |
| 41                                      |               | RAMP D<br>NO QUANTITIES THIS SHEET |                           |   |              |                        |      |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |         |       |   |
| 42                                      | ELY6          | RAMP D                             | 1062+71                   | 1072+31   | 960          |                        |      |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |         |       |   |
|   | ELW12         | RAMP D                             | 1063+22                   | 1072+87   | 997          |                        |      |                                      |  |   |  |                                |   |  |   |  |   |  |   |  | 0.19  | 0.18  |                                       |  |         |       |   |
|   | RP3           | RAMP D                             | 1063+22                   | 1072+26   | 904          | 4.9                    | LT   | 4440.0                               | 493.3  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |         |       |   |
|   | LL1           | RAMP D                             | 1064+78                   | 1071+34   | 656          |                        |      |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   | 0.12                                  |  |         |       |   |
| 43                                      | CH6           | RAMP D                             | 1071+34                   | 1072+34   | 100          |                        |      |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   | 100   |                                       |  |         |       |   |
|   | SL11          | RAMP D                             | 1072+30                   | 1072+47   |              |                        |      |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   | 50                                    |  |         |       |   |
| 43                                      |               | RAMP C<br>NO QUANTITIES THIS SHEET |                           |   |              |                        |      |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       | 7  |         |       |   |
| 44                                      |               | RAMP C<br>NO QUANTITIES THIS SHEET |                           |   |              |                        |      |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |         |       |   |
| 45                                      |               | RAMP A<br>NO QUANTITIES THIS SHEET |                           |   |              |                        |      |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |         |       |   |
| 46                                      | CH7           | RAMP B                             | 1069+43                   | 1072+46   | 303          |                        |      |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   | 303                                   |  |         |       |   |
|   | LL2           | RAMP B                             | 1072+46                   | 1077+26   | 480          |                        |      |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       | 0.09                                       |         |       |   |
|   | ELW13         | RAMP B                             | 1069+50                   | 1078+74   | 965          |                        |      |                                      |  |   |  |                                |   |  |   |  |   |  |   |  | 0.18  |   |                                       |  |         |       |   |
|   | SL12          | RAMP B                             | 1069+79                   | 1069+97   |              |                        |      |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   | 53                                    |  |         |       |   |
|   | ELY7          | RAMP B                             | 1069+90                   | 1079+00   | 910          |                        |      |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       | 0.17                                       |         |       |   |
| 46                                      | RP4           | RAMP B                             | 1070+30                   | 1078+74   | 844          | 5.1                    | RT   | 4306.0                               | 478.4  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |         |       |   |
| 47                                      |               | RAMP B<br>NO QUANTITIES THIS SHEET |                           |   |              |                        |      |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |         |       |   |
| 48                                      |               | RAMP B<br>NO QUANTITIES THIS SHEET |                           |   |              |                        |      |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |         |       |   |
|   |               |                                    |                           |   |              |                        |      | 972                                  |  |   |  |                                |   |  |   |  |   |  |   |  | 0.37  | 0.35  | 403                                   | 110  | 0.22    |       |   |
| SUBTOTALS THIS SHEET                    |               |                                    |                           |   |              |                        |      | 687                                  | 3  | 7   | 44   | 93                             | 137   | 1.29   | 0.79  | 612  | 239   |  |   |  |   |   |                                       |  | 1,948.0 | 5,905 | 2 |
| SUBTOTALS PREVIOUS SHEET                |               |                                    |                           |   |              |                        |      | 1,659                                | 3  | 7   | 137  | 137                            | 2.09  |  | 612   | 239  |   |  |   |  |   |   |                                       |  | 1,948.0 | 5,905 | 2 |
| <b>TOTALS CARRIED TO MOT SUBSUMMARY</b> |               |                                    |                           |   |              |                        |      |                                      |  |   |  |                                |   |  |   |  |   |  |   |  |   |   |                                       |  |         |       |   |

MAINTENANCE OF TRAFFIC ESTIMATED QUANTITIES

UNI-42-4.51 / 4.68

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