



S:\C00\3500--3599\018\Drawings\018\Traffic\Traffic\109519\Traffic\109519\_T5001.dgn 6/29/2020 7:03:01 AM JohnO

| REF. NO.             | SHEET NO. | LOCATION   |            | 621           |                                    |                                    |   |                                      | 630              |                                 |   |   |   | 646   | 646             |                             |               |                       |           |            |
|----------------------|-----------|------------|------------|---------------|------------------------------------|------------------------------------|---|--------------------------------------|------------------|---------------------------------|---|---|---|---|-----------------|-----------------------------|---------------|-----------------------|-----------|------------|
|                      |           |            |            | RPM REFLECTOR | GROUND MOUNTED SUPPORT, NO. 2 POST | GROUND MOUNTED SUPPORT, NO. 3 POST | GROUND MOUNTED STRUCTURAL BEAM SUPPORT, 4X7.7 | BREAKAWAY STRUCTURAL BEAM CONNECTION | SIGN, FLAT SHEET | SIGN, GROUND MOUNTED EXTRUSHEET | GROUND MOUNTED STRUCTURAL BEAM FOUNDATION | REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL | REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL | REMOVAL OF GROUND MOUNTED SIGN AND REERECTION | WRONG WAY ARROW | REMOVAL OF PAVEMENT MARKING | EDGE LINE, 6" | CHANNELIZING LINE, 8" | STOP LINE | LANE ARROW |
|                      |           |            |            | EACH          | FT                                 | FT                                 | FT  | EACH                                 | SF               | SF                              | EACH                                      | EACH  | EACH  | EACH  | FT              | MILE                        | FT            | FT                    | EACH      |            |
| CH-1                 | 89        | 1069+93    | 1070+00    | RAMP B        |                                    |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               |                       |           |            |
| CH-1                 | 87        | 1070+00.00 | 1077+00.00 | RAMP B        | 14                                 |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               | 9.5                   |           |            |
| CH-2                 | 88        | 1065+03    | 1072+20    | RAMP D        | 14                                 |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               | 700                   |           |            |
| CH-2                 | 89        | 1072+20    | 1072+34    | RAMP D        |                                    |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               | 717                   |           |            |
| EL-1                 | 89        | 1069+91    | 1070+00    | RAMP B        |                                    |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               | 14                    |           |            |
| EL-1                 | 87        | 1070+00.00 | 1078+73.66 | RAMP B        | 17                                 |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               | 0.01                  |           |            |
| EL-2                 | 89        | 1069+81    | 1070+00    | RAMP B        |                                    |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               | 0.17                  |           |            |
| EL-2                 | 87        | 1070+00.00 | 1078+73.66 | RAMP B        | 17                                 |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               | 0.01                  |           |            |
| EL-3                 | 88        | 1063+14    | 1072+20    | RAMP D        | 17                                 |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               | 0.17                  |           |            |
| EL-3                 | 89        | 1072+20    | 1072+31    | RAMP D        |                                    |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               | 0.17                  |           |            |
| EL-4                 | 88        | 1063+14    | 1072+20    | RAMP D        | 8                                  |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               | 0.01                  |           |            |
| EL-4                 | 89        | 1072+20    | 1072+79    | RAMP D        |                                    |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               | 0.17                  |           |            |
| EL-5                 | 89        | 1071+18    | 1072+16    | RAMP C        | 2                                  |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               | 0.01                  |           |            |
| EL-6                 | 89        | 1071+41    | 1072+16    | RAMP C        | 2                                  |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               | 0.17                  |           |            |
| EL-7                 | 89        | 1069+00    | 1070+69    | RAMP A        | 3                                  |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               | 0.2                   |           |            |
| EL-8                 | 89        | 1069+00    | 1070+95    | RAMP A        | 3                                  |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               | 0.2                   |           |            |
| LA-1                 | 87        | 1070+29.00 |            | RAMP B        |                                    |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               |                       | 1         |            |
| LA-2                 | 87        | 1070+29.00 |            | RAMP B        |                                    |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               |                       | 1         |            |
| LA-3                 | 87        | 1072+00.00 |            | RAMP B        |                                    |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               |                       | 1         |            |
| LA-4                 | 87        | 1072+00.00 |            | RAMP B        |                                    |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               |                       | 1         |            |
| LA-5                 | 87        | 1073+81.00 |            | RAMP B        |                                    |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               |                       | 1         |            |
| LA-6                 | 87        | 1073+81.00 |            | RAMP B        |                                    |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               |                       | 1         |            |
| LA-7                 | 87        | 1075+44.00 |            | RAMP B        |                                    |                                    |   |                                      |                  |                                 |   |   |   |   | 1               |                             |               |                       |           |            |
| LA-8                 | 87        | 1075+45.00 |            | RAMP B        |                                    |                                    |   |                                      |                  |                                 |   |   |   |   | 1               |                             |               |                       |           |            |
| LA-9                 | 88        | 1068+24.00 |            | RAMP D        |                                    |                                    |   |                                      |                  |                                 |   |   |   |   | 1               |                             |               |                       | 1         |            |
| LA-10                | 88        | 1068+24.00 |            | RAMP D        |                                    |                                    |   |                                      |                  |                                 |   |   |   |   | 1               |                             |               |                       | 1         |            |
| LA-11                | 88        | 1070+16.00 |            | RAMP D        |                                    |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               |                       | 1         |            |
| LA-12                | 88        | 1070+27.00 |            | RAMP D        |                                    |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               |                       | 1         |            |
| LA-13                | 88        | 1071+05.00 |            | RAMP D        |                                    |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               |                       | 1         |            |
| LA-14                | 88        | 1071+05.00 |            | RAMP D        |                                    |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               |                       | 1         |            |
| R-1                  | 87        | 1070+18.56 |            | RAMP B        |                                    |                                    |   |                                      |                  |                                 |   | 3   | 1   |   |                 |                             |               |                       |           |            |
| R-2                  | 87        | 1070+18.56 |            | RAMP B        |                                    |                                    |   |                                      |                  |                                 |   | 2   | 1   |   |                 |                             |               |                       |           |            |
| R-3                  | 87        | 1071+61.00 |            | RAMP B        |                                    |                                    |   |                                      |                  |                                 |   | 1   | 1   |   |                 |                             |               |                       |           |            |
| R-4                  | 87        | 1071+61.00 |            | RAMP B        |                                    |                                    |   |                                      |                  |                                 |   | 1   | 1   |   |                 |                             |               |                       |           |            |
| R-5                  | 87        | 1075+94.00 |            | RAMP B        |                                    |                                    |   |                                      |                  |                                 |   | 1   | 1   |   |                 |                             |               |                       |           |            |
| R-6                  | 87        | 1075+94.00 |            | RAMP B        |                                    |                                    |   |                                      |                  |                                 |   | 1   | 1   |   |                 |                             |               |                       |           |            |
| R-7                  | 87        | 1078+48.75 |            | RAMP B        |                                    |                                    |   |                                      |                  |                                 |   | 1   | 2   |   |                 |                             |               |                       |           |            |
| R-8                  | 88        | 1063+45.89 |            | RAMP D        |                                    |                                    |   |                                      |                  |                                 |   | 1   | 2   |   |                 |                             |               |                       |           |            |
| R-9                  | 88        | 1066+52.48 |            | RAMP D        |                                    |                                    |   |                                      |                  |                                 |   | 1   | 1   |   |                 |                             |               |                       |           |            |
| R-10                 | 88        | 1066+52.48 |            | RAMP D        |                                    |                                    |   |                                      |                  |                                 |   | 1   | 1   |   |                 |                             |               |                       |           |            |
| R-11                 | 88        | 1069+04.56 |            | RAMP D        |                                    |                                    |   |                                      |                  |                                 |   | 1   | 2   |   |                 |                             |               |                       |           |            |
| R-12                 | 88        | 1070+36.63 |            | RAMP D        |                                    |                                    |   |                                      |                  |                                 |   | 1   | 1   |   |                 |                             |               |                       |           |            |
| R-13                 | 88        | 1070+36.63 |            | RAMP D        |                                    |                                    |   |                                      |                  |                                 |   | 1   | 1   |   |                 |                             |               |                       |           |            |
| R-14                 | 88        | 1071+98    |            | RAMP D        |                                    |                                    |   |                                      |                  |                                 |   | 2   | 1   |   |                 |                             |               |                       |           |            |
| R-15                 | 88        | 1071+98    |            | RAMP D        |                                    |                                    |   |                                      |                  |                                 |   | 3   | 1   |   |                 |                             |               |                       |           |            |
| R-16                 | 89        | 236+11.46  |            | US 42         |                                    |                                    |   |                                      |                  |                                 |   | 1   | 1   |   |                 |                             |               |                       |           |            |
| R-17                 | 89        | 237+60     | 238+01     | US 42         |                                    |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               | 41                    |           |            |
| R-18                 | 89        | 237+60     | 238+01     | US 42         |                                    |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               | 41                    |           |            |
| R-19                 | 89        | 237+88     | 238+01     | US 42         |                                    |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               | 13                    |           |            |
| R-20                 | 89        | 246+74.07  |            | US 42         |                                    |                                    |   |                                      |                  |                                 |   | 3   | 1   |   |                 |                             |               |                       |           |            |
| SUBTOTALS THIS SHEET |           |            |            | 97            | 0                                  | 0                                  | 0   | 0                                    | 0                | 0                               | 0   | 25  | 20  | 0   | 4               | 95                          | 1.19          | 1441                  | 0         | 12         |

|                                   |     |         |     |
|-----------------------------------|-----|---------|-----|
| CALCULATED                        | JTO | CHECKED | JDH |
| <b>TRAFFIC CONTROL SUBSUMMARY</b> |     |         |     |
| <b>UNI-42-4.51 / 4.68</b>         |     |         |     |
| 56                                |     | 106     |     |

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| REF. NO.                          | SHEET NO. | LOCATION        |        | 621           |                                    |                                    |   |                                      | 630              |                                 |   |   |   | 646   | 646             |                             |               |                       |           |            |
|-----------------------------------|-----------|-----------------|--------|---------------|------------------------------------|------------------------------------|---|--------------------------------------|------------------|---------------------------------|---|---|---|---|-----------------|-----------------------------|---------------|-----------------------|-----------|------------|
|                                   |           |                 |        | RPM REFLECTOR | GROUND MOUNTED SUPPORT, NO. 2 POST | GROUND MOUNTED SUPPORT, NO. 3 POST | GROUND MOUNTED STRUCTURAL BEAM SUPPORT, 4X7.7 | BREAKAWAY STRUCTURAL BEAM CONNECTION | SIGN, FLAT SHEET | SIGN, GROUND MOUNTED EXTRUSHEET | GROUND MOUNTED STRUCTURAL BEAM FOUNDATION | REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL | REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL | REMOVAL OF GROUND MOUNTED SIGN AND REERECTION | WRONG WAY ARROW | REMOVAL OF PAVEMENT MARKING | EDGE LINE, 6" | CHANNELIZING LINE, 8" | STOP LINE | LANE ARROW |
|                                   |           |                 |        | EACH          | FT                                 | FT                                 | FT  | EACH                                 | SF               | SF                              | EACH                                      | EACH  | EACH  | EACH  | EACH            | FT                          | MILE          | FT                    | FT        | EACH       |
| S-1                               | 87        | 1070+18.56      | RAMP B |               | 29.5                               |                                    |   |                                      |                  | 22.5                            |   |   |   |   |                 |                             |               |                       |           |            |
| S-2                               | 87        | 1070+18.56      | RAMP B |               | 29.5                               |                                    |   |                                      |                  | 22.5                            |   |   |   |   |                 |                             |               |                       |           |            |
| S-3                               | 87        | 1071+61.00      | RAMP B |               | 26.5                               |                                    |   |                                      |                  | 17.5                            |   |   |   |   |                 |                             |               |                       |           |            |
| S-4                               | 87        | 1071+61.00      | RAMP B |               | 26.5                               |                                    |   |                                      |                  | 17.5                            |   |   |   |   |                 |                             |               |                       |           |            |
| S-5                               | 87        | 1072+46.00      | RAMP B |               |                                    | 13.5                               |   |                                      |                  | 7.5                             |   |   |   |   |                 |                             |               |                       |           |            |
| S-6                               | 87        | 1072+46.00      | RAMP B |               |                                    | 13.5                               |   |                                      |                  | 7.5                             |   |   |   |   |                 |                             |               |                       |           |            |
| S-7                               | 87        | 1075+20.16      | RAMP B |               |                                    |                                    | 32  | 2                                    |                  |                                 |   | 2   |   |   | 1               |                             |               |                       |           |            |
| S-8                               | 87        | 1075+85.00      | RAMP B |               |                                    | 32.5                               |   |                                      |                  | 16                              |   |   |   |   |                 |                             |               |                       |           |            |
| S-9                               | 87        | 1075+85.00      | RAMP B |               |                                    | 32.5                               |   |                                      |                  | 16                              |   |   |   |   |                 |                             |               |                       |           |            |
| S-10                              | 87        | 1077+00.00      | RAMP B |               |                                    | 13.5                               |   |                                      |                  | 7.5                             |   |   |   |   |                 |                             |               |                       |           |            |
| S-11                              | 87        | 1077+00.00      | RAMP B |               |                                    | 13.5                               |   |                                      |                  | 7.5                             |   |   |   |   |                 |                             |               |                       |           |            |
| S-12                              | 87        | 1078+44.85      | RAMP B |               |                                    |                                    | 38  | 2                                    |                  |                                 |   | 2   |   |   |                 |                             |               |                       |           |            |
| S-13                              | 88        | 1063+58.93      | RAMP D |               |                                    |                                    | 38  | 2                                    |                  | 28                              |   | 2   |   |   |                 |                             |               |                       |           |            |
| S-14                              | 88        | 1065+03         | RAMP D |               |                                    | 13.5                               |   |                                      |                  | 7.5                             |   |   |   |   |                 |                             |               |                       |           |            |
| S-15                              | 88        | 1065+03         | RAMP D |               |                                    | 13.5                               |   |                                      |                  | 7.5                             |   |   |   |   |                 |                             |               |                       |           |            |
| S-16                              | 88        | 1066+37.63      | RAMP D |               |                                    | 32.5                               |   |                                      |                  | 16                              |   |   |   |   |                 |                             |               |                       |           |            |
| S-17                              | 88        | 1066+37.63      | RAMP D |               |                                    | 32.5                               |   |                                      |                  | 16                              |   |   |   |   |                 |                             |               |                       |           |            |
| S-18                              | 88        | 1066+99.60      | RAMP D |               |                                    |                                    | 32  | 2                                    |                  |                                 |   | 2   |   | 1   |                 |                             |               |                       |           |            |
| S-19                              | 88        | 1069+04.56      | RAMP D |               | 7.5                                |                                    | 34  | 2                                    |                  | 40                              |   | 2   |   |   |                 |                             |               |                       |           |            |
| S-20                              | 88        | 1069+80.54      | RAMP D |               | 26.5                               |                                    |   |                                      |                  | 17.5                            |   |   |   |   |                 |                             |               |                       |           |            |
| S-21                              | 88        | 1069+80.54      | RAMP D |               | 26.5                               |                                    |   |                                      |                  | 17.5                            |   |   |   |   |                 |                             |               |                       |           |            |
| S-22                              | 88        | 1071+33.58      | RAMP D |               |                                    | 13.5                               |   |                                      |                  | 7.5                             |   |   |   |   |                 |                             |               |                       |           |            |
| S-23                              | 88        | 1071+33.58      | RAMP D |               |                                    | 13.5                               |   |                                      |                  | 7.5                             |   |   |   |   |                 |                             |               |                       |           |            |
| S-24                              | 88        | 1071+98         | RAMP D |               | 29.5                               |                                    |   |                                      |                  | 22.5                            |   |   |   |   |                 |                             |               |                       |           |            |
| S-25                              | 88        | 1071+98         | RAMP D |               | 29.5                               |                                    |   |                                      |                  | 22.5                            |   |   |   |   |                 |                             |               |                       |           |            |
| S-26                              | 89        | 236+07.14       | US 42  |               |                                    | 15                                 |   |                                      |                  | 9                               |   |   |   |   |                 |                             |               |                       |           |            |
| S-27                              | 89        | 246+78.73       | US 42  |               | 15                                 |                                    |   |                                      |                  | 8.5                             |   |   |   |   |                 |                             |               |                       |           |            |
| SL-1                              | 89        | 1072+39         | RAMP D |               |                                    |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               | 51.7                  |           |            |
| SL-2                              | 89        | 236+97          | US 42  |               |                                    |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               | 42.3                  |           |            |
| SL-3                              | 89        | 238+01          | US 42  |               |                                    |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               | 39.3                  |           |            |
| SL-4                              | 89        | 245+94   245+99 | US 42  |               |                                    |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               | 38                    |           |            |
| SL-5                              | 89        | 1069+81         | RAMP B |               |                                    |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               | 55.5                  |           |            |
| SL-6                              | 89        | 246+69          | US 42  |               |                                    |                                    |   |                                      |                  |                                 |   |   |   |   |                 |                             |               | 35                    |           |            |
| SUBTOTALS THIS SHEET              |           |                 |        | 0             | 246.5                              | 253                                | 174   | 10                                   | 301.5            | 96                              | 10  | 0   | 0   | 2   | 0               | 0                           | 0             | 0                     | 261.8     | 0          |
| SUBTOTALS PREVIOUS SHEET          |           |                 |        | 97            | 0                                  | 0                                  | 0   | 0                                    | 0                | 0                               | 0   | 25  | 20  | 0   | 4               | 95                          | 1.19          | 1441                  | 0         | 12         |
| TOTALS CARRIED TO GENERAL SUMMARY |           |                 |        | 97            | 247                                | 253                                | 174   | 10                                   | 302              | 96                              | 10  | 25  | 20  | 2   | 4               | 95                          | 1.19          | 1441                  | 262       | 12         |

**TRAFFIC CONTROL SUBSUMMARY**

UN I - 42 - 4.51 / 4.68

CALCULATED  
JTO  
CHECKED  
JDH

57  
106