

**MISCELLANEOUS METAL**

EXISTING CASTINGS MAY PROVE TO BE UNSUITABLE FOR REUSE, AS DETERMINED BY THE ENGINEER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE CASTINGS OF THE REQUIRED TYPE, SIZE AND STRENGTH (HEAVY OR LIGHT DUTY) FOR THE PARTICULAR STRUCTURE IN QUESTION. ALL MATERIAL SHALL MEET ITEM 611 OF THE SPECIFICATIONS AND SHALL HAVE THE PRIOR APPROVAL OF THE ENGINEER.

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER.

SPECIAL, MISCELLANEOUS METAL 4000 POUNDS

THE CONTRACTOR IS CAUTIONED TO USE EXTREME CARE IN THE REMOVAL, STORAGE AND REPLACEMENT OF ALL EXISTING CASTINGS. CASTINGS DAMAGED BY THE NEGLIGENCE OF THE CONTRACTOR, AS DETERMINED BY THE ENGINEER, SHALL BE REPLACED WITH THE PROPER NEW CASTINGS AT THE EXPENSE OF THE CONTRACTOR

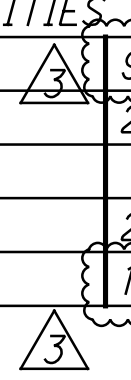
**PART-WIDTH CONSTRUCTION**

BECAUSE OF THE NECESSITY TO BUILD THIS PROJECT UNDER TRAFFIC AND TO CONSTRUCT THE FULL PAVEMENT WIDTH IN STAGES, EXERCISE CARE TO PREVENT THE CONSTRUCTION OF A BUTT JOINT IN THE BASE COURSES. LAP LONGITUDINAL JOINTS AS SHOWN ON STANDARD CONSTRUCTION DRAWING BP-3.1.

**PAVEMENT RESTORATION**

THE QUANTITIES SHOWN IN THE TABLE BELOW HAVE BEEN PROVIDED FOR DRAINAGE AND OTHER WORK THAT DAMAGES EXISTING PAVEMENT. THE PAVEMENT RESTORATION SHALL INCLUDE THE CUT (TRENCH) PLUS TWO FEET ON EACH SIDE, CLEANING EDGES OF THE CUT AREAS, AND INSTALLATION OF 6 INCHES (MIN.) OF ITEM 301 ASPHALT CONCRETE BASE (PG64-22). ANY MATERIALS USED OUTSIDE OF THE LIMITS STATED ABOVE SHALL BE PROVIDED AT NO ADDITIONAL COST. FOR PAVEMENT REPAIRS FOLLOWING PAVEMENT PLANING, THE LIMITS OF REPAIR SHALL BE AS DETERMINED BY THE ENGINEER AND THE TWO FEET LIMITS DESCRIBED ABOVE DO NOT APPLY.

| PAVEMENT RESTORATION QUANTITIES        |        |
|--|--------|
| PIPE INSTALLATIONS AND/OR REMOVALS     | 90 CY  |
| DRAINAGE STRUCTURE INSTALLATIONS       | 20 CY  |
| MONUMENT ASSEMBLY INSTALLATIONS        | 2 CY   |
| PAVEMENT REPAIRS FOLLOWING PLANING     | 25 CY  |
| TOTAL ITEM 301 (CARRIED TO GEN. SUMM.) | 137 CY |



**ITEM 442 ASPHALT PAVEMENT SPECIFICATIONS:**

**ITEM 442, ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A, PG76-22M, AS PER PLAN**

ITEM 442, ASPHALT CONCRETE INTERMEDIATE COURSE, 19MM, TYPE A (446), PG 76-22M, AS PER PLAN SHALL FOLLOW THE SPECIFICATIONS FOR THE 442 ITEM EXCEPT FOR SECTION 442.04 ASPHALT BINDER. THE BINDER SHALL BE PG76-22M FOR THE INTERMEDIATE COURSE AND A MAXIMUM OF 20% OF RAP BY DRY WEIGHT OF MIX CAN BE USED.

**ITEM 442, ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (446), PG76-22M, AS PER PLAN**

ITEM 442, ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (446), 76-22M, AS PER PLAN SHALL FOLLOW THE SPECIFICATIONS FOR THE 442 ITEM EXCEPT FOR SECTION 442.04 ASPHALT BINDER. THE BINDER SHALL BE PG76-22M FOR THE SURFACE COURSE AND A MAXIMUM OF 15% OF RAP BY DRY WEIGHT OF MIX CAN BE USED.

**PAVEMENT SAWCUTTING**

ALL SAWCUTTING SHOWN ON THESE PLANS SHALL USE A DIAMOND BLADE SAW.

**SEALING ASPHALT CONSTRUCTION JOINTS**

FURNISH AND INSTALL A HOT APPLIED ASPHALTIC JOINT ADHESIVE MEETING THE REQUIREMENTS OF SS 875 ON ALL COLD LONGITUDINAL CONSTRUCTION JOINTS IN ASPHALT CONCRETE PAVEMENTS. MEASURE THE JOINT ADHESIVE MATERIAL BY THE NUMBER OF POUNDS COMPLETED AND ACCEPTED IN PLACE. PAYMENT FOR ALL MATERIALS, LABOR AND EQUIPMENT TO COMPLETE THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 875 LONGITUDINAL JOINT ADHESIVE. THE ESTIMATED QUANTITY TO BE CARRIED TO THE GENERAL SUMMARY IS:

ITEM 875 LONGITUDINAL JOINT ADHESIVE 20,000 LB

**ADJUSTING STRUCTURES IN RESURFACING AREAS**

THE QUANTITIES SHOWN IN THE TABLE BELOW HAVE BEEN PROVIDED FOR ADJUSTING INLETS, MANHOLES, WATER VALVES, ETC. THAT MAY BE IMPROVED TO MATCH THE NEW ASPHALT SURFACE. THE STRUCTURES TO BE ADJUSTED TO GRADE SHALL BE AS DETERMINED BY THE ENGINEER ONLY.

| STRUCTURE ADJUSTMENT TO GRADE QUANTITIES |        |
|--|--------|
| INLET ADJUSTED TO GRADE                  | 8 EACH |
| CATCH BASIN ADJUSTED TO GRADE            | 3 EACH |
| MANHOLE ADJUSTED TO GRADE                | 2 EACH |
| WATER VALVE BOX ADJUSTED TO GRADE        | 2 EACH |

**ENVIRONMENTAL COMMITMENTS**

- ACCESS TO FORD PARK AND FORD FIELD SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION ACTIVITIES.
- TEMPORARY CONSTRUCTION FENCING SHALL BE INSTALLED ALONG PROPOSED CONSTRUCTION LIMITS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES TO PROTECT THE EXISTING 4(F) PROPERTY AND THE PUBLIC.
- APPROPRIATE SIGNAGE SHALL BE INSTALLED TO ALERT USERS OF FORD PARK AND FORD FIELD OF CONSTRUCTION ACTIVITIES, SIDEWALK RESTRICTIONS OR CLOSURES, AND TO DIRECT USERS TO SECONDARY SIDEWALK ACCESS POINTS.
- THE CONTRACTOR SHALL BE REQUIRED TO CLOSELY COORDINATE THE CONSTRUCTION SCHEDULE WITH ODOT, THE CITY OF MAUMEE, AND THE MAUMEE LITTLE LEAGUE PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.

**ODOT NOTIFICATION CONTACT INFORMATION**

THE ODOT PROJECT ENGINEER SHALL FORWARD THE CONSTRUCTION NOTIFICATION INFORMATION THE FOLLOWING DEPARTMENTS WITHIN THE TIMELINE OUTLINED IN TEM PART 642-58 TO ENSURE COMPLIANCE WITH FEDERAL NOTIFICATION REQUIREMENTS:

- DISTRICT PUBLIC INFORMATION OFFICER (PIO) BY PHONE AT: (419) 373-4428 OR EMAIL AT: D02.PIO@DOT.OHIO.GOV
- DISTRICT PERMIT SECTION BY PHONE AT: (419) 373-4301 OR EMAIL AT: D02.PERMITS@DOT.OHIO.GOV

**ITEM 611 - MANHOLE NO. 3, AS PER PLAN**

ALL PROVISIONS OF ITEM 611 SHALL APPLY, PLUS A FULL DEPTH CONCRETE COLLAR (MAX. 18" AROUND THE CASTING) SHALL BE INCLUDED FOR THOSE MAHOLES IN PAVED AREAS.

**ITEM 611 - MANHOLE RECONSTRUCTED TO GRADE, AS PER PLAN**

ALL PROVISIONS OF ITEM 611 SHALL APPLY, PLUS A FULL DEPTH CONCRETE COLLAR (MAX. 18" AROUND THE CASTING) SHALL BE INCLUDED FOR THOSE MAHOLES IN PAVED AREAS.

**ITEM 638 - VALVE BOX ADJUSTED TO GRADE, AS PER PLAN**

ALL PROVISIONS OF ITEM 638 SHALL APPLY, PLUS A FULL DEPTH CONCRETE COLLAR (MAX. 12" AROUND THE VALVE BOX) SHALL BE INCLUDED.



W:\Projects\Projects K-0\MAUM0014\06389\Design\Roadway\Sheets\06389\_GN003.dgn\_Sheet 7/22/2022 2:53:28 PM rmurray

W:\Projects\Projects K-0\WUM0014\06389\Design\Roadway\Sheets\06389\_G001.dgn Sheet 7/22/2022 3:29:59 PM rmurray

| SHEET NUM. |        |    |       |    |        |     |       | PART.    |           |           |           | ITEM | ITEM EXT | GRAND TOTAL | UNIT     | DESCRIPTION | SEE SHEET NO. |  |                 |  |
|------------|--------|----|-------|----|--------|-----|-------|----------|-----------|-----------|-----------|------|----------|-------------|----------|-------------|---------------|--|-----------------|--|
| 21         | 22     | 23 | 53    | 54 | 56     | 231 | 232   | OFF CALC | 01/NHS/PV | 02/SAF/PV | 03/CMQ/PV |      |          |             |          |             |               | 04/NHS/PV  |                 |  |
|            |        |    |       |    |        |     |       |          |           | LS        |           |      |          | 201         | 11000    | LS          |               | ROADWAY  |                 |  |
|            |        |    |       |    | 22,870 |     |       |          |           | 22,870    |           |      |          | 202         | 23000    | 22,870      | SY            | CLEARING AND GRUBBING                                |                 |  |
|            |        |    |       |    | 7,542  |     |       |          |           | 7,542     |           |      |          | 202         | 30000    | 7,542       | SF            | PAVEMENT REMOVED                                     |                 |  |
|            |        |    |       |    | 553    |     |       |          |           | 553       |           |      |          | 202         | 30600    | 553         | SY            | WALK REMOVED   |                 |  |
|            |        |    |       |    | 72     |     |       |          |           | 72        |           |      |          | 202         | 30700    | 72          | FT            | CONCRETE MEDIAN REMOVED                              |                 |  |
|            |        |    |       |    | 4,989  |     |       |          |           | 4,989     |           |      |          | 202         | 32000    | 4,989       | FT            | CONCRETE BARRIER REMOVED                             |                 |  |
|            |        |    |       |    | 1,516  |     |       |          |           | 1,516     |           |      |          | 202         | 32500    | 1,516       | FT            | CURB REMOVED   |                 |  |
|            |        |    | 994   |    |        |     |       |          |           | 994       |           |      |          | 202         | 35100    | 994         | FT            | CURB AND GUTTER REMOVED                              |                 |  |
|            |        |    |       |    | 306    |     |       |          |           | 306       |           |      |          | 202         | 38000    | 306         | FT            | PIPE REMOVED, 24" AND UNDER                          |                 |  |
|            |        |    | 35    |    |        |     |       |          |           | 35        |           |      |          | 202         | 58100    | 35          | EACH          | GUARDRAIL REMOVED                                    |                 |  |
|            |        |    | 9     |    |        |     |       |          |           | 9         |           |      |          | 202         | 58500    | 9           | EACH          | CATCH BASIN REMOVED                                  |                 |  |
|            |        |    | 403   |    |        |     |       |          |           | 403       |           |      |          | SPECIAL     | 20270000 | 403         | FT            | CATCH BASIN ABANDONED                                |                 |  |
|            |        |    |       |    | 5,721  |     |       |          |           | 3,657     | 2,064     |      |          | 203         | 10000    | 5,721       | CY            | FILL AND PLUG EXISTING CONDUIT                       | 22              |  |
|            |        |    |       |    | 6,040  |     |       |          |           | 5,301     | 739       |      |          | 203         | 20000    | 6,040       | CY            | EXCAVATION   |                 |  |
|            |        |    |       |    |        | 347 | 242   |          | 5,037     | 5,037     | 589       |      |          | 204         | 10000    | 5,626       | SY            | EMBANKMENT   |                 |  |
|            |        |    |       |    |        |     |       |          |           |           |           |      |          | 204         | 10000    | 5,626       | SY            | SUBGRADE COMPACTION                                  |                 |  |
| 10         |        |    |       |    |        |     |       |          |           |           | 10        |      |          | 204         | 45000    | 10          | hour          | PROOF ROLLING  |                 |  |
| 465        |        |    |       |    |        |     |       |          |           | 465       |           |      |          | 204         | 13000    | 465         | CY            | EXCAVATION OF SUBGRADE                               |                 |  |
| 465        |        |    |       |    |        |     |       |          |           | 465       |           |      |          | 204         | 30010    | 465         | CY            | GRANULAR MATERIAL, TYPE B                            |                 |  |
| 1,393      |        |    |       |    |        |     |       |          |           | 1,393     |           |      |          | 204         | 50000    | 1,393       | SY            | GEOTEXTILE FABRIC                                    |                 |  |
|            |        |    |       |    | 71,316 |     |       |          |           | 71,316    |           |      |          | 608         | 10000    | 71,316      | SF            | 4" CONCRETE WALK                                     |                 |  |
|            |        |    |       |    | 5,887  |     |       |          |           | 5,887     |           |      |          | 608         | 52000    | 5,887       | SF            | CURB RAMP  |                 |  |
|            | 3      |    |       |    |        |     |       |          |           |           | 3         |      |          | 623         | 38500    | 3           | EACH          | MONUMENT ASSEMBLY, TYPE C                            |                 |  |
|            |        |    |       |    |        |     |       |          |           |           |           |      |          |             |          |             |               |  | EROSION CONTROL |  |
|            | 3      |    |       |    |        |     |       |          |           |           | 3         |      |          | 659         | 00100    | 3           | EACH          | SOIL ANALYSIS TEST                                   |                 |  |
|            | 3,836  |    | 268   |    |        |     |       |          |           | 4,104     |           |      |          | 659         | 00300    | 4,104       | CY            | TOPSOIL  |                 |  |
|            | 34,553 |    |       |    |        |     |       |          |           | 34,553    |           |      |          | 659         | 10000    | 34,553      | SY            | SEEDING AND MULCHING                                 |                 |  |
|            | 1,728  |    |       |    |        |     |       |          |           | 1,728     |           |      |          | 659         | 14000    | 1,728       | SY            | REPAIR SEEDING AND MULCHING                          |                 |  |
|            | 1,728  |    |       |    |        |     |       |          |           | 1,728     |           |      |          | 659         | 15000    | 1,728       | SY            | INTER-SEEDING  |                 |  |
|            | 4.89   |    |       |    |        |     |       |          |           | 4.89      |           |      |          | 659         | 20000    | 4.89        | TON           | COMMERCIAL FERTILIZER                                |                 |  |
|            | 7.14   |    |       |    |        |     |       |          |           | 7.14      |           |      |          | 659         | 31000    | 7.14        | ACRE          | LIME   |                 |  |
|            | 140    |    |       |    |        |     |       |          |           | 140       |           |      |          | 659         | 35000    | 140         | MGAL          | WATER  |                 |  |
|            | 311    |    |       |    |        |     |       |          |           | 311       |           |      |          | 659         | 40000    | 311         | MSF           | MOWING   |                 |  |
|            |        |    | 2,411 |    |        |     |       |          |           | 2,411     |           |      |          | 670         | 00700    | 2,411       | SY            | DITCH EROSION PROTECTION                             |                 |  |
|            |        |    |       |    |        |     |       |          |           |           | LS        |      |          | 832         | 15000    | LS          |               | STORM WATER POLLUTION PREVENTION PLAN                |                 |  |
|            |        |    |       |    |        |     |       |          |           |           | LS        |      |          | 832         | 15002    | LS          |               | STORM WATER POLLUTION PREVENTION INSPECTIONS         |                 |  |
|            |        |    |       |    |        |     |       |          |           |           | LS        |      |          | 832         | 15010    | LS          |               | STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE |                 |  |
|            |        |    |       |    |        |     |       |          | 178,482   | 178,482   |           |      |          | 832         | 30000    | 178,482     | EACH          | EROSION CONTROL                                      |                 |  |
|            |        |    |       |    |        |     |       |          |           |           |           |      |          |             |          |             |               |  | DRAINAGE        |  |
|            | 50     |    |       |    |        |     |       |          |           |           | 50        |      |          | 605         | 13300    | 50          | FT            | 6" UNCLASSIFIED PIPE UNDERDRAINS                     |                 |  |
|            |        |    |       |    |        |     | 8,685 |          |           |           | 8,685     |      |          | 605         | 14020    | 8,685       | FT            | 6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC      |                 |  |
|            | 50     |    |       |    |        |     | 580   |          |           |           | 630       |      |          | 611         | 00510    | 630         | FT            | 6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS            |                 |  |
|            |        |    |       |    |        |     |       |          |           |           | 8         |      |          | 611         | 03100    | 8           | FT            | 10" CONDUIT, TYPE B                                  |                 |  |
|            |        |    | 8     |    |        |     |       |          |           | 3,900     |           |      |          | 611         | 04400    | 3,900       | FT            | 12" CONDUIT, TYPE B                                  |                 |  |
|            |        |    | 66    |    |        |     |       |          |           | 66        |           |      |          | 611         | 05900    | 66          | FT            | 15" CONDUIT, TYPE B                                  |                 |  |
|            |        |    | 30    |    |        |     |       |          |           | 30        |           |      |          | 611         | 10400    | 30          | FT            | 24" CONDUIT, TYPE B                                  |                 |  |
|            |        |    | 54    |    |        |     |       |          |           | 54        |           |      |          | 611         | 13400    | 54          | FT            | 30" CONDUIT, TYPE B                                  |                 |  |
|            |        |    | 24    |    |        |     |       |          |           | 24        |           |      |          | 611         | 16400    | 24          | FT            | 36" CONDUIT, TYPE B, 706.02                          |                 |  |
|            |        |    | 12    |    |        |     |       |          |           | 12        |           |      |          | 611         | 20900    | 12          | FT            | 48" CONDUIT, TYPE B, 706.02                          |                 |  |
|            |        |    | 1,563 |    |        |     |       |          |           | 1,563     |           |      |          | 611         | 04600    | 1,563       | FT            | 12" CONDUIT, TYPE C                                  |                 |  |
|            |        |    | 30    |    |        |     |       |          |           | 30        |           |      |          | 611         | 98150    | 30          | EACH          | CATCH BASIN, NO. 3                                   |                 |  |
|            |        |    | 43    |    |        |     |       |          |           | 43        |           |      |          | 611         | 98180    | 43          | EACH          | CATCH BASIN, NO. 3A                                  |                 |  |
|            |        |    | 21    |    |        |     |       |          |           | 21        |           |      |          | 611         | 98390    | 21          | EACH          | CATCH BASIN, NO. 7                                   |                 |  |
|            |        |    | 14    |    |        |     |       |          |           | 14        |           |      |          | 611         | 98470    | 14          | EACH          | CATCH BASIN, NO. 2-2B                                |                 |  |
|            |        |    | 12    |    |        |     |       |          |           | 15        |           |      |          | 611         | 98630    | 15          | EACH          | CATCH BASIN ADJUSTED TO GRADE                        |                 |  |
|            |        |    | 4     |    |        |     |       |          |           | 4         |           |      |          | 611         | 98634    | 4           | EACH          | CATCH BASIN RECONSTRUCTED TO GRADE                   |                 |  |
|            |        |    |       |    |        |     |       |          |           | 8         |           |      |          | 611         | 99150    | 8           | EACH          | INLET ADJUSTED TO GRADE                              |                 |  |
|            |        |    |       |    |        |     |       |          |           |           | 10        |      |          | 611         | 99575    | 10          | EACH          | MANHOLE, NO. 3, AS PER PLAN                          | 23              |  |
|            |        |    |       |    |        |     |       |          |           |           | 24        |      |          | 611         | 99654    | 24          | EACH          | MANHOLE ADJUSTED TO GRADE                            | 23              |  |
|            |        |    |       |    |        |     |       |          |           |           | 1         |      |          | 611         | 99661    | 1           | EACH          | MANHOLE RECONSTRUCTED TO GRADE, AS PER PLAN          | 23              |  |
|            |        |    |       |    |        |     |       |          |           | 4,000     |           |      |          | SPECIAL     | 81199820 | 4,000       | LB            | MISCELLANEOUS METAL                                  | 23              |  |
|            |        |    |       |    |        |     |       |          |           |           | 2         |      |          | 638         | 10801    | 2           | EACH          | VALVE BOX ADJUSTED TO GRADE, AS PER PLAN             | 23              |  |

GENERAL SUMMARY

LUC - 24 - 15.61

50  
370

|            |            |    |
|------------|------------|----|
| REVISION 1 | 06/27/2022 | 23 |
| REVISION 2 | 07/07/2022 | 23 |
| REVISION 3 | 07/18/2022 | 23 |
| REVISION 4 | 07/22/2022 | 23 |

| SHEET NUM.                                 |        |     |       |       |  | PART.    |           |           |           | ITEM  | ITEM EXT | GRAND TOTAL | UNIT    | DESCRIPTION | SEE SHEET NO.  |           |
|--|--------|-----|-------|-------|--|----------|-----------|-----------|-----------|-------|----------|-------------|---------|-------------|--|-----------|
| 23   | 56     | 231 | 242   | 252   |  | OFF CALC | 01/NHS/PV | 02/SAF/PV | 03/CMQ/PV |       |          |             |         |             |  | 04/NHS/PV |
|  |        |     |       |       |  | 3        | 135,720   | 135,720   |           |       | 254      | 01000       | 135,720 | SY          | PAVEMENT PLANING, ASPHALT CONCRETE (3 1/2" Avg. Depth)                           |           |
|  |        |     |       |       |  |          | 1,162     | 1,299     |           |       | 301      | 56000       | 1,299   | CY          | ASPHALT CONCRETE BASE, PG64-22, (449)  |           |
| 137  | 2,342  | 47  |       |       |  |          | 2,132     | 2,179     |           |       | 304      | 20000       | 4,521   | CY          | AGGREGATE BASE   |           |
|  | 701    | 11  |       |       |  | 4        | 17,122    | 17,133    |           | 2,342 | 407      | 20000       | 17,834  | GAL         | NON-TRACKING TACK COAT   |           |
|  | 388    |     |       |       |  |          |           |           |           |       | 411      | 10000       | 388     | CY          | STABILIZED CRUSHED AGGREGATE   |           |
|  | 654    |     |       |       |  |          | 299       | 299       |           | 654   | 441      | 50300       | 953     | CY          | ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)                              |           |
|  |        | 11  |       |       |  |          |           | 11        |           |       | 441      | 70500       | 11      | CY          | ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), (DRIVEWAYS)                      |           |
|  |        | 7   |       |       |  |          |           |           |           |       | 441      | 70600       | 7       | CY          | ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (449), (DRIVEWAYS)                 |           |
|  |        |     |       |       |  | 3        | 5,945     | 5,945     |           |       | 442      | 10001       | 5,945   | CY          | ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN, PG76-22M    | 23        |
|  |        |     |       |       |  | 4        | 7,927     | 7,927     |           |       | 442      | 10101       | 7,927   | CY          | ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446), AS PER PLAN, PG76-22M | 23        |
|  |        | 100 |       |       |  |          |           |           |           | 100   | 452      | 10010       | 100     | SY          | 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P                                 |           |
|  |        | 142 |       |       |  |          |           |           |           | 142   | 452      | 12010       | 142     | SY          | 8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P                                 |           |
|  |        |     |       |       |  |          | 950       | 950       |           |       | 452      | 17010       | 950     | SY          | 14" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P                                |           |
|  | 11,623 |     |       |       |  |          |           |           |           |       | 609      | 12000       | 11,623  | FT          | COMBINATION CURB AND GUTTER, TYPE 2  |           |
|  | 14,126 | 25  |       |       |  |          |           |           |           |       | 609      | 26000       | 14,151  | FT          | CURB, TYPE 6   |           |
|  | 262    |     |       |       |  |          |           |           |           |       | 609      | 50000       | 262     | SY          | 4" CONCRETE TRAFFIC ISLAND   |           |
|  | 566    |     |       |       |  |          |           |           |           |       | 609      | 70000       | 566     | SY          | 4" CONCRETE MEDIAN   |           |
|  | 406    |     |       |       |  |          |           |           |           | 406   | 860      | 10010       | 406     | CY          | THINLAY ASPHALT CONCRETE, TYPE LT  |           |
| 20,000                                     |        |     |       |       |  |          | 20,000    |           |           |       | 875      | 10000       | 20,000  | LB          | LONGITUDINAL JOINT ADHESIVE  |           |
| <b>LIGHTING</b>                            |        |     |       |       |  |          |           |           |           |       |          |             |         |             |  |           |
| SEE SHEET 325 FOR LIGHTING GENERAL SUMMARY |        |     |       |       |  |          |           |           |           |       |          |             |         |             |  |           |
| <b>TRAFFIC CONTROL</b>                     |        |     |       |       |  |          |           |           |           |       |          |             |         |             |  |           |
|  |        |     |       | 2     |  |          |           | 2         |           |       | 625      | 32000       | 2       | EACH        | GROUND ROD   |           |
|  |        |     |       | 2,644 |  |          |           | 2,644     |           |       | 630      | 03100       | 2,644   | FT          | GROUND MOUNTED SUPPORT, NO. 3 POST   |           |
|  |        |     |       | 128   |  |          |           | 128       |           |       | 630      | 06500       | 128     | FT          | GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W6X9                                     |           |
|  |        |     |       | 38    |  |          |           | 38        |           |       | 630      | 07600       | 38      | FT          | GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X12                                   |           |
|  |        |     |       | 179   |  |          |           | 179       |           |       | 630      | 08302       | 179     | FT          | GROUND MOUNTED WOODEN BOX BEAM SUPPORT, TYPE M BEAM                              |           |
|  |        |     |       | 13    |  |          |           | 13        |           |       | 630      | 08520       | 13      | FT          | STREET NAME SIGN SUPPORT, NO. 3 POST   |           |
|  |        |     |       | 1     |  |          |           | 1         |           |       | 630      | 72541       | 1       | EACH        | OVERHEAD SIGN SUPPORT, TYPE TC-16.22, DESIGN 12, AS PER PLAN, INSTALL ONLY       | 283       |
|  |        |     |       | 1     |  |          |           | 1         |           |       | 630      | 72551       | 1       | EACH        | OVERHEAD SIGN SUPPORT, TYPE TC-16.22, DESIGN 13, AS PER PLAN, INSTALL ONLY       | 281       |
|  |        |     |       | 45    |  |          |           | 45        |           |       | 630      | 79100       | 45      | EACH        | SIGN HANGER ASSEMBLY, MAST ARM   |           |
|  |        |     |       | 43    |  |          |           | 43        |           |       | 630      | 79500       | 43      | EACH        | SIGN SUPPORT ASSEMBLY, POLE MOUNTED  |           |
|  |        |     |       | 1,619 |  |          |           | 1,619     |           |       | 630      | 80100       | 1,619   | SF          | SIGN, FLAT SHEET   |           |
|  |        |     |       | 212   |  |          |           | 212       |           |       | 630      | 80200       | 212     | SF          | SIGN, GROUND MOUNTED EXTRUSHEET  |           |
|  |        |     |       | 2     |  |          |           | 2         |           |       | 630      | 80500       | 2       | EACH        | SIGN, DOUBLE FACED, STREET NAME  |           |
|  |        |     |       | 10    |  |          |           | 10        |           |       | 630      | 84500       | 10      | EACH        | GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION                                |           |
|  |        |     |       | 2     |  |          |           | 2         |           |       | 630      | 84510       | 2       | EACH        | RIGID OVERHEAD SIGN SUPPORT FOUNDATION   |           |
|  |        |     |       | 154   |  |          |           | 154       |           |       | 630      | 84900       | 154     | EACH        | REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL                                      |           |
|  |        |     |       | 15    |  |          |           | 15        |           |       | 630      | 85400       | 15      | EACH        | REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DISPOSAL                                |           |
|  |        |     |       | 143   |  |          |           | 143       |           |       | 630      | 86002       | 143     | EACH        | REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL                              |           |
|  |        |     |       | 12    |  |          |           | 12        |           |       | 630      | 86102       | 12      | EACH        | REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL                   |           |
|  |        |     |       | 55    |  |          |           | 55        |           |       | 630      | 87400       | 55      | EACH        | REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL                                    |           |
|  |        |     |       | 89    |  |          |           | 89        |           |       | 630      | 87500       | 89      | EACH        | REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL  |           |
|  |        |     |       | 30    |  |          |           | 30        |           |       | 630      | 97700       | 30      | EACH        | SIGNING, MISC.: LIGHTED STREET NAME SIGN   | 234       |
|  |        |     | 13.54 |       |  |          |           | 13.54     |           |       | 642      | 00104       | 13.54   | MILE        | EDGE LINE, 6", TYPE 1  |           |
|  |        |     | 6.7   |       |  |          |           | 6.7       |           |       | 642      | 00200       | 6.7     | MILE        | LANE LINE, 4", TYPE 1  |           |
|  |        |     | 0.5   |       |  |          |           | 0.5       |           |       | 642      | 00300       | 0.5     | MILE        | CENTER LINE, TYPE 1  |           |
|  |        |     | 122   |       |  |          |           | 122       |           |       | 642      | 00700       | 122     | FT          | TRANSVERSE/DIAGONAL LINE, TYPE 1   |           |
|  |        |     | 1,243 |       |  |          |           | 1,243     |           |       | 642      | 01500       | 1,243   | FT          | DOTTED LINE, 4", TYPE 1  |           |
|  |        |     | 8,134 |       |  |          |           | 8,134     |           |       | 644      | 00400       | 8,134   | FT          | CHANNELIZING LINE, 8"  |           |
|  |        |     | 1,170 |       |  |          |           | 1,170     |           |       | 644      | 00500       | 1,170   | FT          | STOP LINE  |           |
|  |        |     | 2,131 |       |  |          |           | 2,131     |           |       | 644      | 00620       | 2,131   | FT          | CROSSWALK LINE, 12"  |           |

GENERAL SUMMARY

LUC - 24 - 15.61

- △ REVISION 1 06/27/2022
- △ REVISION 2 07/07/2022
- △ REVISION 3 07/18/2022
- △ REVISION 4 07/22/2022




W:\Projects\Projects K-0\WAMU0014\06389\Design\Roadway\Sheets\06389\_G0002.dgn Sheet 7/22/2022 12:46:54 PM rmurray

W:\Projects\Projects K-0\WUM0014\06389\Design\Roadway\Sheets\06389\_G0003.dgn Sheet 7/22/2022 11:41:22 AM rmurray

| SHEET NUM.  |     |       |       |       |     | PART.    |           |           |           | ITEM | ITEM EXT | GRAND TOTAL | UNIT  | DESCRIPTION | SEE SHEET NO.  |           |
|---|-----|-------|-------|-------|-----|----------|-----------|-----------|-----------|------|----------|-------------|-------|-------------|--|-----------|
| 24  | 25  | 28    | 242   | 334   | 366 | OFF CALC | 01/NHS/PV | 02/SAF/PV | 03/CMQ/PV |      |          |             |       |             |  | 04/NHS/PV |
|   |     |       | 348   |       |     |          |           | 348       |           |      | 644      | 00700       | 348   | FT          | TRANSVERSE/DIAGONAL LINE   |           |
|   |     |       | 199   |       |     |          |           | 199       |           |      | 644      | 00720       | 199   | FT          | CHEVRON MARKING  |           |
|   |     |       | 142   |       |     |          |           | 142       |           |      | 644      | 01300       | 142   | EACH        | LANE ARROW   |           |
|   |     |       | 4,353 |       |     |          |           | 4,353     |           |      | 644      | 01500       | 4,353 | FT          | DOTTED LINE, 4"  |           |
|   |     |       | 62    |       |     |          |           | 62        |           |      | 644      | 20800       | 62    | FT          | YIELD LINE   |           |
|   |     |       | 62    |       |     |          |           | 62        |           |      | 644      | 30000       | 62    | FT          | REMOVAL OF PAVEMENT MARKING  |           |
|   |     |       | 6     |       |     |          |           | 6         |           |      | 644      | 30020       | 6     | EACH        | REMOVAL OF PAVEMENT MARKING  |           |
| <b>TRAFFIC SIGNALS</b>                            |     |       |       |       |     |          |           |           |           |      |          |             |       |             |  |           |
| SEE SHEET 288 FOR TRAFFIC CONTROL GENERAL SUMMARY |     |       |       |       |     |          |           |           |           |      |          |             |       |             |  |           |
| <b>LANDSCAPING</b>                                |     |       |       |       |     |          |           |           |           |      |          |             |       |             |  |           |
|   |     |       |       | 94    |     |          |           |           |           | 94   | 661      | 40060       | 94    | EACH        | DECIDUOUS TREE, 1-1/2" CALIPER, Amelanchier laevis 'Cumulus', Cumulus Serviceberry                 |           |
|   |     |       |       | 36    |     |          |           |           |           | 36   | 661      | 40080       | 36    | EACH        | DECIDUOUS TREE, 2" CALIPER, Acer miyabei 'Morton', State Street Miyabe's Maple                     |           |
|   |     |       |       | 58    |     |          |           |           |           | 58   | 661      | 40080       | 58    | EACH        | DECIDUOUS TREE, 2" CALIPER, Acer rubrum 'Burgundy Bell', Burgundy Belle Red Maple                  |           |
|   |     |       |       | 31    |     |          |           |           |           | 31   | 661      | 40080       | 31    | EACH        | DECIDUOUS TREE, 2" CALIPER, Acer rubrum 'Frank Jr.', Redpointe Maple                               |           |
|   |     |       |       | 55    |     |          |           |           |           | 55   | 661      | 40100       | 55    | EACH        | DECIDUOUS TREE, 2-1/2" CALIPER, Acer x freemanii 'Armstrong Gold', Armstrong Gold Maple            |           |
|   |     |       |       | 41    |     |          |           |           |           | 41   | 661      | 40100       | 41    | EACH        | DECIDUOUS TREE, 2-1/2" CALIPER, Acer x freemanii Celebration, Celebration Maple                    |           |
|   |     |       |       | 20    |     |          |           |           |           | 20   | 661      | 40100       | 20    | EACH        | DECIDUOUS TREE, 2-1/2" CALIPER, Ginkgo biloba 'Princeton Sentry', Princeton Sentry Maidenhair Tree |           |
|   |     |       |       | 2     |     |          |           |           |           | 2    | 661      | 40100       | 2     | EACH        | DECIDUOUS TREE, 2-1/2" CALIPER, Nyssa Sylvatica, Black Gum   |           |
|   |     |       |       | 29    |     |          |           |           |           | 29   | 661      | 40100       | 29    | EACH        | DECIDUOUS TREE, 2-1/2" CALIPER, Quercus rubra, Northern Red Oak                                    |           |
|   |     |       |       | 65    |     |          |           |           |           | 65   | 661      | 40100       | 65    | EACH        | DECIDUOUS TREE, 2-1/2" CALIPER, Tilia cordata 'Greenspire', Greenspire Littleleaf Linden           |           |
|   |     |       |       | 143   |     |          |           |           |           | 143  | 661      | 40100       | 143   | EACH        | DECIDUOUS TREE, 2-1/2" CALIPER, Ulmus americana 'Princeton', Princeton American Elm                |           |
|   |     |       |       | 80    |     |          |           |           |           | 80   | 661      | 40100       | 80    | EACH        | DECIDUOUS TREE, 2-1/2" CALIPER, Ulmus x 'Frontier', Frontier Hybrid Elm                            |           |
|   |     |       |       | 12    |     |          |           |           |           | 12   | 661      | 50120       | 12    | EACH        | EVERGREEN TREE, 6' HEIGHT, Picea omorika, Serbian Spruce   |           |
| <b>MISCELLANEOUS STRUCTURE</b>                    |     |       |       |       |     |          |           |           |           |      |          |             |       |             |  |           |
|   |     |       |       | 4,616 |     |          |           | 4,616     |           |      | 509      | 10000       | 4,616 | LB          | EPOXY COATED REINFORCING STEEL   |           |
|   |     |       |       | 562   |     |          |           | 562       |           |      | 510      | 10000       | 562   | EACH        | DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT  |           |
|   |     |       |       | 32    |     |          |           | 32        |           |      | 511      | 34445       | 32    | CY          | CLASS QC2 CONCRETE, BRIDGE DECK, AS PER PLAN   | 365       |
|   |     |       |       | 235   |     |          |           | 235       |           |      | 512      | 10050       | 235   | SY          | SEALING OF CONCRETE SURFACES (NON-EPOXY)   |           |
|   |     |       |       | 1,440 |     |          |           | 1,440     |           |      | 519      | 11100       | 1,440 | SF          | PATCHING CONCRETE STRUCTURE  |           |
|   |     |       |       |       |     |          |           | LS        |           |      | 614      | 18002       | LS    |             | MAINTAINING TRAFFIC, MISC.: OHIO TURNPIKE MOT (SEE 364)  | 365       |
| <b>MAINTENANCE OF TRAFFIC</b>                     |     |       |       |       |     |          |           |           |           |      |          |             |       |             |  |           |
| 50  |     |       |       |       |     |          |           | 50        |           |      | 410      | 12000       | 50    | CY          | TRAFFIC COMPACTED SURFACE, TYPE A OR B   |           |
|   | 40  |       |       |       |     |          |           | 40        |           |      | 614      | 11110       | 40    | HOUR        | LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE   |           |
| 10  |     |       |       |       |     |          |           | 10        |           |      | 614      | 12460       | 10    | EACH        | WORK ZONE MARKING SIGN   |           |
| 50  |     |       |       |       |     |          |           | 50        |           |      | 614      | 13000       | 50    | CY          | ASPHALT CONCRETE FOR MAINTAINING TRAFFIC   |           |
|   | 12  |       |       |       |     |          |           | 12        |           |      | 614      | 18601       | 12    | SNMT        | PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN  | 25        |
| 0.5   |     |       |       |       |     |          |           | 0.5       |           |      | 614      | 20000       | 0.5   | MILE        | WORK ZONE LANE LINE, CLASS I, 4"   |           |
| 0.25  |     | 0.37  |       |       |     |          |           | 0.62      |           |      | 614      | 21000       | 0.62  | MILE        | WORK ZONE CENTER LINE, CLASS I   |           |
| 4   |     | 4.66  |       |       |     |          |           | 8.66      |           |      | 614      | 22000       | 8.66  | MILE        | WORK ZONE EDGE LINE, CLASS I, 4"   |           |
|   |     | 4,346 |       |       |     |          |           | 4,346     |           |      | 614      | 23000       | 4,346 | FT          | WORK ZONE CHANNELIZING LINE, CLASS I, 8"   |           |
|   |     | 3,992 |       |       |     |          |           | 3,992     |           |      | 614      | 24000       | 3,992 | FT          | WORK ZONE DOTTED LINE, CLASS I   |           |
|   |     |       |       |       |     |          |           | 12        |           |      | 614      | 26000       | 12    | FT          | WORK ZONE STOP LINE, CLASS I   |           |
|   |     |       |       |       |     |          |           | 38        |           |      | 614      | 30000       | 38    | EACH        | WORK ZONE ARROW, CLASS I   |           |
| 2   | 50  |       |       |       |     |          |           | 52        |           |      | 616      | 10000       | 52    | MGAL        | WATER  |           |
|   | 330 |       |       |       |     |          |           | 330       |           |      | 659      | 40000       | 330   | MSF         | MOWING   |           |
| <b>INCIDENTALS</b>                                |     |       |       |       |     |          |           |           |           |      |          |             |       |             |  |           |
|   |     |       |       |       |     |          |           | LS        |           |      | 108      | 10000       | LS    |             | CPM PROGRESS SCHEDULE  |           |
|   |     |       |       |       |     |          |           | LS        |           |      | 614      | 11000       | LS    |             | MAINTAINING TRAFFIC  |           |
|   |     |       |       |       |     |          | 16        | 16        |           |      | 619      | 16020       | 16    | MNTH        | FIELD OFFICE, TYPE C   |           |
|   |     |       |       |       |     |          |           | LS        |           |      | 623      | 10000       | LS    |             | CONSTRUCTION LAYOUT STAKES AND SURVEYING   |           |
|   |     |       |       |       |     |          |           | LS        |           |      | 623      | 10001       | LS    |             | CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN  | 21        |
|   |     |       |       |       |     |          |           | LS        |           |      | 624      | 10000       | LS    |             | MOBILIZATION   |           |

GENERAL SUMMARY

LUC - 24 - 15.61

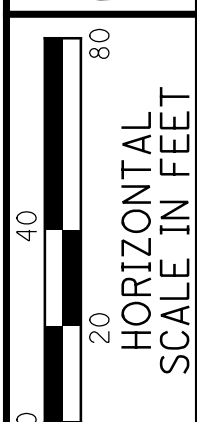
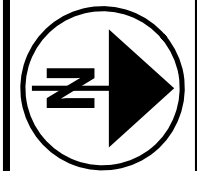
 REVISION 2 07/07/2022  
 REVISION 3 07/18/2022  
 REVISION 4 07/22/2022

52  
370



LEGEND

- |   |   |   |                                 |
|---|---|---|---------------------------------|
| (L) 4-INCH LANE LINE                                    | (ST) 24-INCH STOP LINE; WHITE   | (EY) 6-INCH EDGE LINE, YELLOW   | (DW) 4-INCH DOTTED LINE, WHITE  |
| (CH) 8-INCH CHANNELIZING LINE; WHITE                    | (A) 72-INCH LANE ARROW  | (CV) 24-INCH CHEVRON MARKING, WHITE @ 45°D, W/ SPACING PER SCD TC-72.20 | (DY) 4-INCH DOTTED LINE, YELLOW |
| (CW) CROSSWALK LINE, AS PER PLAN, 10'                   | (TW) 12-INCH TRANSVERSE LINE, WHITE, @45°, W/ SPACING PER SCD TC-72.20  | (CL) 4-INCH CENTER LINE, DOUBLE-SOLID                                   | (R) PAVEMENT MARKING REMOVAL    |
| (CWB) CROSSWALK LINE, AS PER PLAN, SHARED USE PATH, 12' | (TY) 12-INCH TRANSVERSE LINE, YELLOW, @45°, W/ SPACING PER SCD TC-72.20 | (CLP) 4-INCH CENTER LINE PASS PROHIBITED/PROTECTED                      |                                 |
| (CWS) CROSSWALK LINE, AS PER PLAN, SIDE STREET, 6'      | (EW) 6-INCH EDGE LINE, WHITE  | (Y) YIELD LINE, WHITE   |                                 |



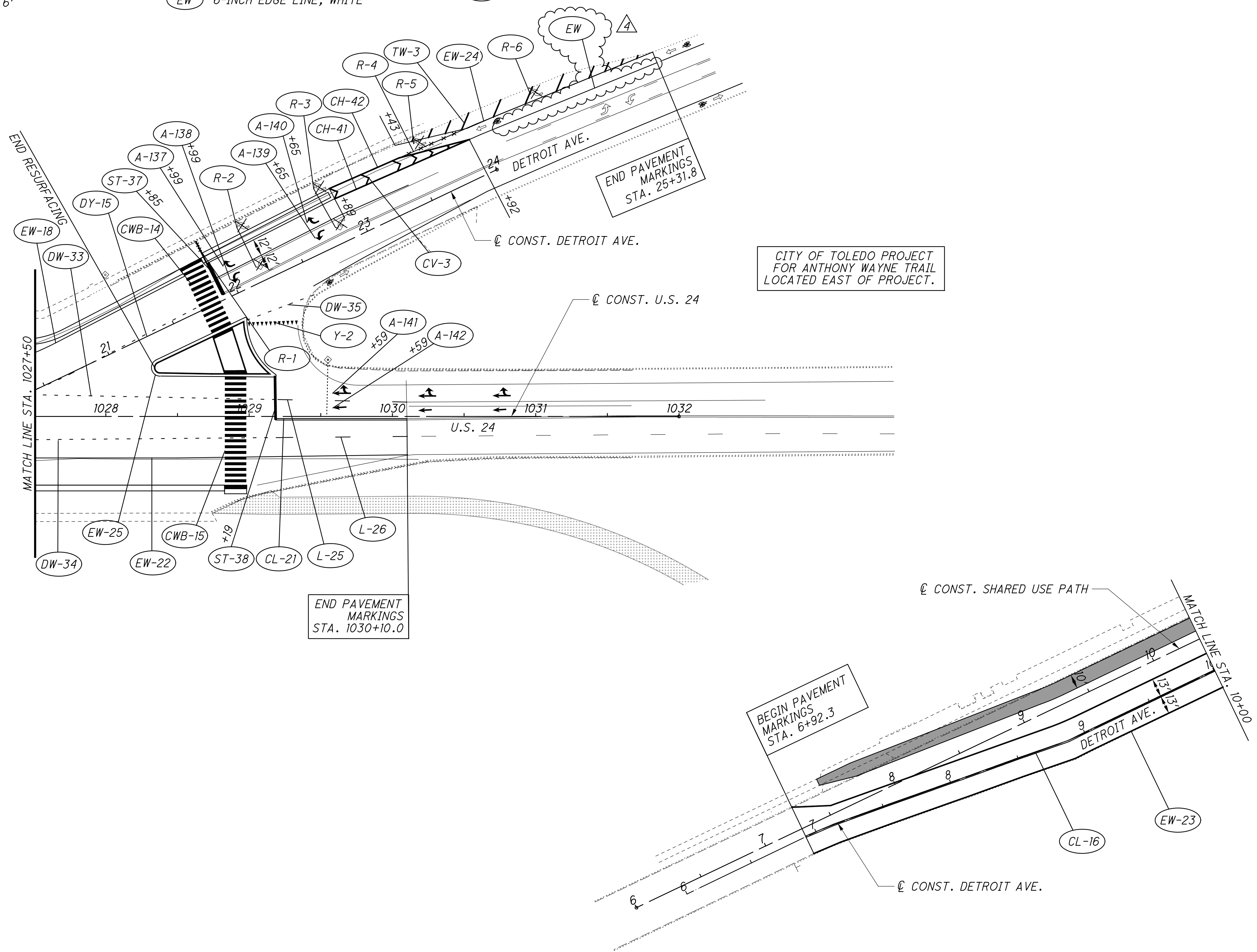
CALCULATED  
CMS  
CHECKED  
CML

TRAFFIC CONTROL - PAVEMENT MARKING PLAN  
(PAGE 12 OF 12)

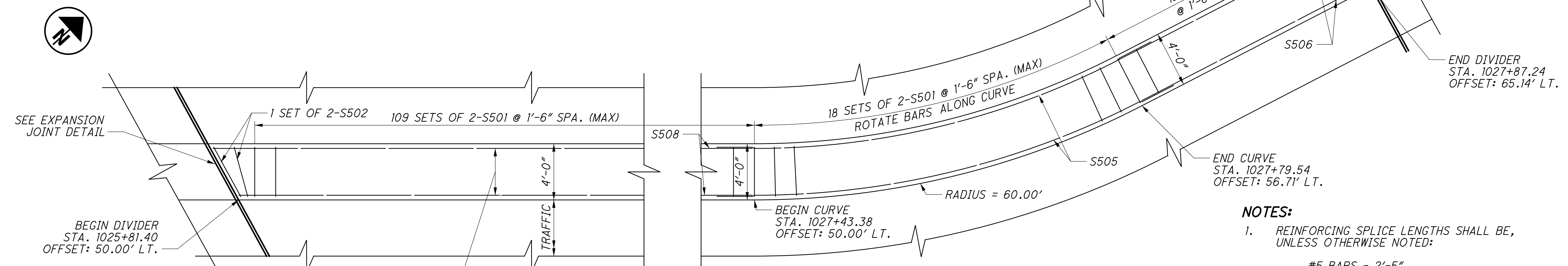
LUC-24-15.61

264  
370

W:\Projects\Projects K-0\MAUM0014\06389\Design\Traffic\Sheets\From DGL\Sheets\06389\_IP0001.dgn Sheet 7/22/2022 3:47:18 PM rmurray

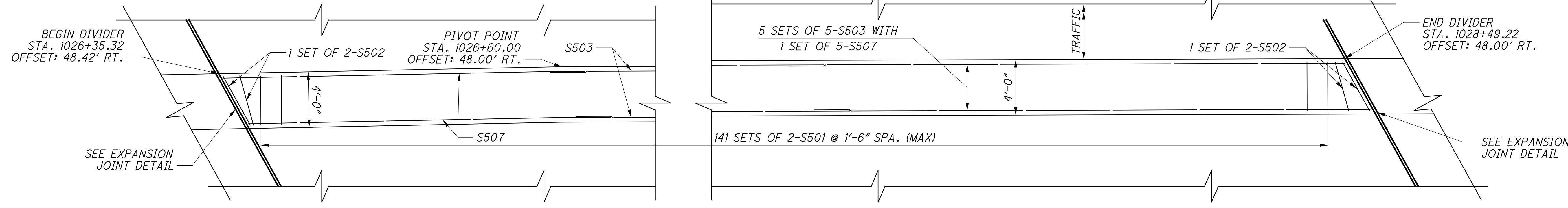


W:\Projects\Projects\K-0\WUM0014\06389\Design\Structures\Sheets\024\_1944C\_SM001.dgn Sheet 7/22/2022 12:21:35 PM rmurray



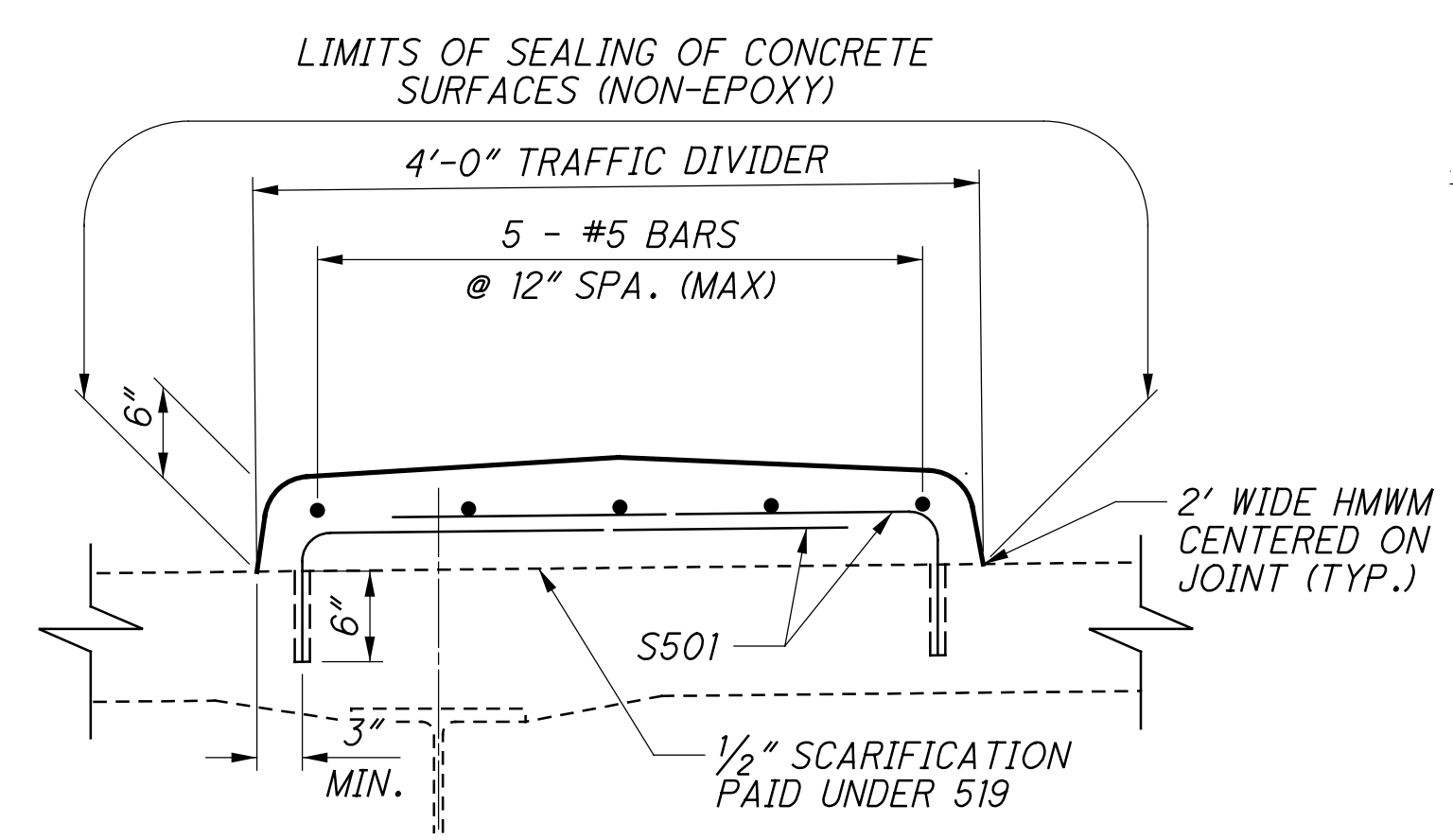
**LEFT TRAFFIC DIVIDER**

- NOTES:**
- REINFORCING SPLICE LENGTHS SHALL BE, UNLESS OTHERWISE NOTED:  
#5 BARS - 2'-5"
  - FOR ADDITIONAL TRAFFIC DIVIDER INFORMATION, SEE ODOT STANDARD DRAWING RM-3.1.
  - PLACE DOWEL BAR HOLES TO AVOID INTERFERENCE WITH EXISTING REINFORCING STEEL IN THE ABUTMENTS.

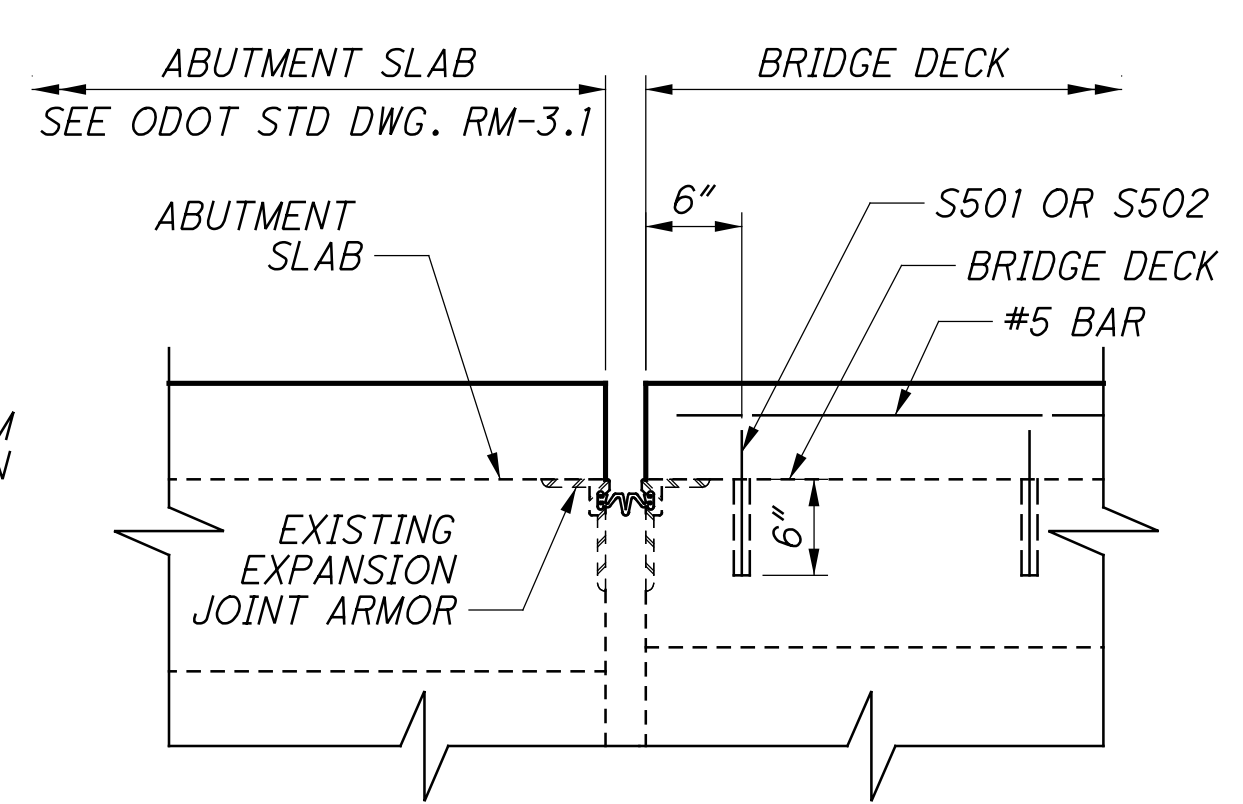


**RIGHT TRAFFIC DIVIDER**

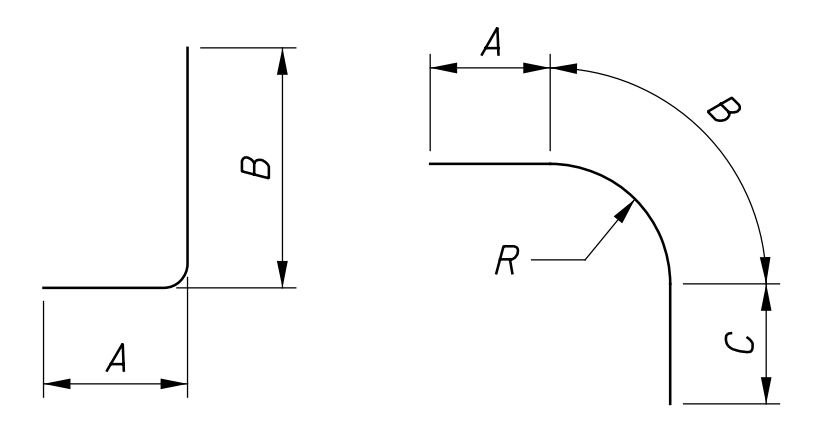
| BRIDGE GENERAL SUMMARY |           |       |      |   |
|------------------------|-----------|-------|------|---|
| ITEM                   | EXTENSION | TOTAL | UNIT | DESCRIPTION   |
| 509                    | 10000     | 4616  | LB   | EPOXY COATED REINFORCING STEEL                                |
| 510                    | 10000     | 562   | EACH | DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT                 |
| 511                    | 34445     | 32    | CY   | CLASS QC2 CONCRETE, BRIDGE DECK, AS PER PLAN                  |
| 512                    | 10050     | 235   | SY   | SEALING OF CONCRETE SURFACES (NON EPOXY)                      |
| 519                    | (1100)    | 1440  | SF   | PATCHING CONCRETE STRUCTURE                                   |
| 614                    | 18002     | LUMP  | SUM  | MAINTAINING TRAFFIC, MISC.: OHIO TURNPIKE MOT (SEE SHEET 365) |



**SECTION A-A**  
SEE ODOT STD. DWG. RM-3.1



**EXPANSION JOINT DETAIL**



**TYPE-1**      **TYPE-35**  
**BENDING DIAGRAMS**

| MARK      | NUMBER |       | LENGTH  | WEIGHT | TYPE | DIMENSIONS |         |   |        |        |
|-----------|--------|-------|---------|--------|------|------------|---------|---|--------|--------|
|           |        | TOTAL |         |        |      | A          | B       | C | R      | INC    |
| S501      |        | 562   | 3'-7"   | 2100   | 1    | 3'-0"      | 0'-9"   |   |        |        |
| S502      |        | 12    | 3'-10"  | 48     | 1    | 3'-3"      | 0'-9"   |   |        |        |
| S503      |        | 45    | 40'-0"  | 1877   | STR  |            |         |   |        |        |
| S504      |        | 5     | 23'-3"  | 121    | STR  |            |         |   |        |        |
| S505      | 1 SR   |       | 31'-10" |        |      |            |         |   |        |        |
|           | OF     |       | TO      | 171    | 35   | 2'-6"      | 26'-10" |   | 56'-4" | B = 5" |
| S506      |        | 5     | 18'-1"  | 94     | STR  |            |         |   |        |        |
|           |        | 5     | 26'-6"  | 138    | STR  |            |         |   |        |        |
| S508      | 1 SR   |       | 11'-10" |        |      |            |         |   |        |        |
|           | OF     |       | TO      | 67     |      |            |         |   |        | 5"     |
|           |        | 5     | 13'-8"  |        |      |            |         |   |        |        |
| SUB-TOTAL |        |       |         | 4616   |      |            |         |   |        |        |