

MODEL: Unnamed Plan - Plan 1 [Sheet] PAPER/SIZE: 34x22 (in.) DATE: 4/9/2025 TIME: 11:24:06 AM USER: neberhardt  
pvc:\pvc-hntb.org\FW\Great\_Lakes\Documents\Columbus Projects\82941 ATH MEL\33\PW01 119141\400-Engineering-HNTB\Roadway\Sheets\119141\_G0001.dgn

| SHEET NUM. |       |       |          |      |           |       |       |        |       |       |  |  |  |  | PART.     |           | ITEM    | ITEM<br>EXT | GRAND<br>TOTAL | UNIT | DESCRIPTION                                            | SEE<br>SHEET<br>NO. |
|------------|-------|-------|----------|------|-----------|-------|-------|--------|-------|-------|--|--|--|--|-----------|-----------|---------|-------------|----------------|------|--------------------------------------------------------|---------------------|
| P.14       | P.15  | P.16  | P.75     | P.78 | P.83      | P.611 | P.613 | P.626  | P.726 | P.732 |  |  |  |  | 01/NHS/03 | 02/NHS/04 |         |             |                |      |                                                        |                     |
| LS         |       |       |          |      |           |       |       |        |       |       |  |  |  |  | LS        |           | 201     | 11001       | LS             |      | ROADWAY                                                |                     |
|            |       |       |          |      |           |       |       |        |       |       |  |  |  |  | LS        |           | 201     | 11001       | LS             |      | CLEARING AND GRUBBING, AS PER PLAN                     | P.14                |
|            |       |       | 44,448   |      |           | 291   | 10    |        | 1     | 1     |  |  |  |  | 12        |           | 202     | 20010       | 12             | EACH | HEADWALL REMOVED                                       |                     |
|            |       |       |          |      |           |       | 6,084 | 14,238 |       |       |  |  |  |  | 8,850     | 35,889    | 202     | 23000       | 44,739         | SY   | PAVEMENT REMOVED                                       |                     |
|            |       |       |          |      |           |       | 20    |        |       |       |  |  |  |  | 20,322    |           | 202     | 35100       | 20,322         | FT   | PIPE REMOVED, 24" DIAMETER AND UNDER                   |                     |
|            |       |       |          |      |           |       |       |        | 66    | 5     |  |  |  |  | 91        |           | 202     | 35200       | 91             | FT   | PIPE REMOVED, OVER 24" DIAMETER                        |                     |
|            |       |       | 17,408   |      |           |       |       |        |       |       |  |  |  |  |           | 17,408    | 202     | 38000       | 17,408         | FT   | GUARDRAIL REMOVED                                      |                     |
|            |       |       | 4        |      |           |       |       |        |       |       |  |  |  |  | 4         |           | 202     | 42000       | 4              | EACH | ANCHOR ASSEMBLY REMOVED, TYPE A                        |                     |
|            |       |       | 9        |      |           |       |       |        |       |       |  |  |  |  | 9         |           | 202     | 42040       | 9              | EACH | ANCHOR ASSEMBLY REMOVED, TYPE T                        |                     |
|            |       |       | 1        |      |           |       |       |        |       |       |  |  |  |  | 1         |           | 202     | 42206       | 1              | EACH | ANCHOR ASSEMBLY REMOVED (B-98)                         |                     |
|            |       |       | 1        |      |           |       |       |        |       |       |  |  |  |  | 1         |           | 202     | 42206       | 1              | EACH | ANCHOR ASSEMBLY REMOVED (E-98)                         |                     |
|            |       |       | 3        |      |           |       |       |        |       |       |  |  |  |  | 3         |           | 202     | 53100       | 3              | EACH | MAILBOX REMOVED                                        |                     |
|            |       |       |          |      |           |       |       | 19     |       |       |  |  |  |  | 19        |           | 202     | 58100       | 19             | EACH | CATCH BASIN REMOVED                                    |                     |
|            |       | 1,818 |          |      |           |       |       |        |       |       |  |  |  |  | 1,818     |           | SPECIAL | 20270120    | 1,818          | FT   | PIPE CLEANOUT, 27" TO 48"                              | P.16                |
|            |       | 245   |          |      |           |       |       |        |       |       |  |  |  |  | 245       |           | SPECIAL | 20270130    | 245            | FT   | PIPE CLEANOUT OVER 48"                                 | P.16                |
|            |       |       | 379      |      |           |       |       |        |       |       |  |  |  |  | 379       |           | 202     | 75000       | 379            | FT   | FENCE REMOVED                                          |                     |
|            | LS    |       |          |      |           |       |       |        |       |       |  |  |  |  | LS        |           | 202     | 98000       | LS             |      | REMOVAL MISC.: GUARDRAIL REMOVED FOR STORAGE           | P.15                |
|            |       |       |          |      | 1,615,624 | 20    |       |        |       |       |  |  |  |  | 1,615,644 |           | 203     | 10000       | 1,615,644      | CY   | EXCAVATION                                             |                     |
|            |       |       |          |      | 1,926,614 | 436   |       |        |       |       |  |  |  |  | 1,927,050 |           | 203     | 20000       | 1,927,050      | CY   | EMBANKMENT                                             |                     |
|            |       |       |          |      | 17,434    |       |       |        |       |       |  |  |  |  | 17,434    |           | 203     | 35001       | 17,434         | CY   | GRANULAR EMBANKMENT, AS PER PLAN                       | P.18                |
|            |       |       |          |      |           | 531   |       |        |       |       |  |  |  |  | 167,767   |           | 204     | 10000       | 167,767        | SY   | SUBGRADE COMPACTION                                    |                     |
|            |       |       |          |      |           |       |       |        |       |       |  |  |  |  | 56        |           | 204     | 45000       | 56             | HOUR | PROOF ROLLING                                          |                     |
|            | LS    |       |          |      |           |       |       |        |       |       |  |  |  |  | LS        |           | 208     | 10000       | LS             |      | PRE-BLAST CONDITION SURVEY                             |                     |
|            | LS    |       |          |      |           |       |       |        |       |       |  |  |  |  | LS        |           | 208     | 12000       | LS             |      | BLASTING CONSULTANT                                    |                     |
|            | LS    |       |          |      |           |       |       |        |       |       |  |  |  |  | LS        |           | 208     | 13000       | LS             |      | AIR BLAST AND NOISE CONTROL                            |                     |
|            | LS    |       |          |      |           |       |       |        |       |       |  |  |  |  | LS        |           | 208     | 14000       | LS             |      | VIBRATION CONTROL AND MONITORING                       |                     |
|            | 1,556 |       |          |      |           |       |       |        |       |       |  |  |  |  | 1,556     |           | 208     | 15000       | 1,556          | SY   | PRESPLITTING                                           |                     |
|            | LS    |       |          |      |           |       |       |        |       |       |  |  |  |  | LS        |           | 208     | 16000       | LS             |      | HYDROLOGIST                                            |                     |
|            |       |       | 33,269.0 |      |           |       |       |        |       |       |  |  |  |  | 23,856.5  | 9,412.5   | 606     | 15050       | 33,269.0       | FT   | GUARDRAIL, TYPE MGS                                    |                     |
|            |       |       | 250.0    |      |           |       |       |        |       |       |  |  |  |  |           | 250.0     | 606     | 15400       | 250.0          | FT   | MGS GUARDRAIL, TYPE 8                                  |                     |
|            |       |       | 375.0    |      |           |       |       |        |       |       |  |  |  |  | 375.0     |           | 606     | 15550       | 375.0          | FT   | GUARDRAIL, BARRIER DESIGN, TYPE MGS                    |                     |
|            |       |       | 1        |      |           |       |       |        |       |       |  |  |  |  |           | 1         | 606     | 17500       | 1              | EACH | POST END ANCHOR (OR CONCRETE BLOCK END ANCHOR)         |                     |
|            |       |       | 1        |      |           |       |       |        |       |       |  |  |  |  | 1         |           | 606     | 20050       | 1              | EACH | ROUNDED END SECTION                                    |                     |
|            |       |       |          |      | 25        |       |       |        |       |       |  |  |  |  | 22        | 3         | 606     | 26150       | 25             | EACH | ANCHOR ASSEMBLY, MGS TYPE E, MASH 2016                 |                     |
|            |       |       |          |      | 34        |       |       |        |       |       |  |  |  |  | 27        | 7         | 606     | 26550       | 34             | EACH | ANCHOR ASSEMBLY, MGS TYPE T                            |                     |
|            |       |       |          |      | 8         |       |       |        |       |       |  |  |  |  | 8         |           | 606     | 35002       | 8              | EACH | MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1                   |                     |
|            |       |       |          |      | 6         |       |       |        |       |       |  |  |  |  | 3         | 3         | 606     | 60012       | 6              | EACH | IMPACT ATTENUATOR, TYPE 1 (BIDIRECTIONAL)              |                     |
|            |       |       |          |      | 2         |       |       |        |       |       |  |  |  |  | 2         |           | 606     | 60028       | 2              | EACH | IMPACT ATTENUATOR, TYPE 2 (BIDIRECTIONAL), 62 MPH, 24" |                     |
|            |       |       | 386      |      |           |       |       |        |       |       |  |  |  |  | 386       |           | 607     | 15000       | 386            | FT   | FENCE, TYPE 47                                         |                     |
|            |       |       | 1        |      |           |       |       |        |       |       |  |  |  |  | 1         |           | 607     | 40500       | 1              | EACH | GATE, TYPE 47                                          |                     |
| 50         |       |       |          |      |           |       |       |        |       |       |  |  |  |  | 50        |           | 623     | 40500       | 50             | EACH | REFERENCE MONUMENT, TYPE A                             |                     |
|            |       |       |          |      | 30,397    |       |       |        |       |       |  |  |  |  | 30,397    |           | SPECIAL | 69012010    | 30,397         | SY   | GEOTEXTILE FABRIC, 712.09, TYPE A                      |                     |
|            |       |       | 3        |      |           |       |       |        |       |       |  |  |  |  | 3         |           | SPECIAL | 69050100    | 3              | EACH | MAILBOX SUPPORT SYSTEM, SINGLE                         | P.15                |

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER

NRE

REVIEWER

KKP 09/18/24

PROJECT ID

119141

SHEET

P.68

TOTAL

P.907



| SHEET NUM. |      |      |       |      |        |        |       |       |       |       |       |       |       |       |       | PART.     |           | ITEM | ITEM<br>EXT | GRAND<br>TOTAL | UNIT | DESCRIPTION                                                                                                                      | SEE<br>SHEET<br>NO. |
|------------|------|------|-------|------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|-----------|------|-------------|----------------|------|----------------------------------------------------------------------------------------------------------------------------------|---------------------|
| P.15       | P.16 | P.17 | P.23  | P.34 | P.75   | P.78   | P.611 | P.613 | P.626 | P.726 | P.727 | P.731 | P.732 | P.733 | P.737 | 01/NHS/03 | 02/NHS/04 |      |             |                |      |                                                                                                                                  |                     |
|            |      |      |       |      |        |        |       |       |       |       | 418   | 346   |       |       |       | 764       |           | 611  | 16200       | 764            | FT   | DRAINAGE (CONT.)                                                                                                                 |                     |
|            |      |      |       |      |        |        |       |       |       |       |       |       |       |       |       |           |           |      |             |                |      | 36" CONDUIT, TYPE A, 706.02 OR 42" TYPE A, 707.02, (0.064) ALUMINIZED, 707.04 (0.064), 707.07 (0.064) ALUMINIZED, 707.22 (0.064) |                     |
|            |      |      |       |      |        |        |       | 186   |       |       |       |       |       |       |       | 186       |           | 611  | 16400       | 186            | FT   | 36" CONDUIT, TYPE B                                                                                                              |                     |
|            |      |      |       |      |        |        |       |       | 249   |       |       |       | 203   |       |       | 452       |           | 611  | 19200       | 452            | FT   | 42" CONDUIT, TYPE A, 707.02 (0.064) ALUMINIZED, 707.04 (0.064), 707.07 (0.064) ALUMINIZED, 707.22                                |                     |
|            |      |      |       |      |        |        |       |       |       |       |       |       |       | 260   |       | 260       |           | 611  | 20700       | 260            | FT   | 48" CONDUIT, TYPE A, 706.02, OR 54" TYPE A, 707.02 (0.064) ALUMINIZED, 707.04 (0.064), 707.07 (0.064) ALUMINIZED, 707.22         |                     |
|            |      |      |       |      |        |        |       | 256   |       |       |       |       |       |       |       | 256       |           | 611  | 21100       | 256            | FT   | 48" CONDUIT, TYPE C                                                                                                              |                     |
|            |      |      |       |      |        |        |       | 280   |       |       |       |       |       |       |       | 280       |           | 611  | 22400       | 280            | FT   | 54" CONDUIT, TYPE B                                                                                                              |                     |
|            |      |      |       |      |        |        |       | 2     |       |       |       |       |       |       |       | 2         |           | 611  | 98180       | 2              | EACH | CATCH BASIN, NO. 3A                                                                                                              |                     |
|            |      |      |       |      |        |        |       | 42    |       |       |       |       |       |       |       | 42        |           | 611  | 98230       | 42             | EACH | CATCH BASIN, NO. 4                                                                                                               |                     |
|            |      |      |       |      |        |        |       | 1     |       |       |       |       |       |       |       | 1         |           | 611  | 98300       | 1              | EACH | CATCH BASIN, NO. 5                                                                                                               |                     |
|            |      |      |       |      |        |        |       | 2     |       |       |       |       |       |       |       | 2         |           | 611  | 98470       | 2              | EACH | CATCH BASIN, NO. 2-2B                                                                                                            |                     |
|            |      |      |       |      |        |        |       | 23    |       |       |       |       |       |       |       | 23        |           | 611  | 98505       | 23             | EACH | CATCH BASIN, NO. 2-2C, AS PER PLAN                                                                                               | P.16                |
|            |      |      |       |      |        |        |       | 1     |       |       |       |       |       |       |       | 1         |           | 611  | 98510       | 1              | EACH | CATCH BASIN, NO. 2-3                                                                                                             |                     |
|            |      |      |       |      |        |        |       | 2     |       |       |       |       |       |       |       | 2         |           | 611  | 98570       | 2              | EACH | CATCH BASIN, NO. 2-5                                                                                                             |                     |
|            |      |      |       |      |        |        |       | 1     |       |       |       |       |       |       |       | 1         |           | 611  | 99574       | 1              | EACH | MANHOLE, NO. 3                                                                                                                   | P.613               |
|            | 44   | 56   |       |      |        |        |       |       | 29    |       |       |       |       |       |       | 129       |           | 611  | 99710       | 129            | EACH | PRECAST REINFORCED CONCRETE OUTLET                                                                                               |                     |
|            |      |      |       |      |        |        |       |       |       | 1     |       |       | 1     |       |       | 2         |           | 611  | 99731       | 2              | EACH | JUNCTION CHAMBER, AS PER PLAN                                                                                                    | P.735               |
|            |      |      |       |      |        |        |       | 245.0 |       | 932   |       |       | 886   |       |       | 1,818     |           | 899  | 10000       | 1,818          | FT   | CURED-IN-PLACE PIPE LINER (42" DIAMETER)                                                                                         |                     |
|            |      |      |       |      |        |        |       |       |       |       |       |       |       |       |       | 245.0     |           | 899  | 10000       | 245.0          | FT   | CURED-IN-PLACE PIPE LINER (54" DIAMETER)                                                                                         |                     |
|            |      |      |       |      |        |        |       |       |       |       |       |       |       |       |       |           |           |      |             |                |      | PAVEMENT                                                                                                                         |                     |
|            |      |      | 262   |      |        |        |       |       |       |       |       |       |       |       |       | 262       |           | 251  | 01010       | 262            | CY   | PARTIAL DEPTH PAVEMENT REPAIR (441)                                                                                              |                     |
|            |      |      |       |      | 26,329 |        |       |       |       |       |       |       |       |       |       | 26,329    |           | 252  | 01500       | 26,329         | FT   | FULL DEPTH PAVEMENT SAWING                                                                                                       |                     |
|            |      |      | 1,143 |      |        |        |       |       |       |       |       |       |       |       |       | 1,143     |           | 254  | 01000       | 1,143          | SY   | PAVEMENT PLANING, ASPHALT CONCRETE (1.5" THICKNESS)                                                                              |                     |
| 369        |      |      |       |      |        |        |       |       |       |       |       |       |       |       |       | 369       |           | 255  | 11000       | 369            | SY   | FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, TYPE 1, CLASS QC1                                                             |                     |
| 2,976      |      |      |       |      |        |        |       |       |       |       |       |       |       |       |       | 2,976     |           | 255  | 20000       | 2,976          | FT   | FULL DEPTH PAVEMENT SAWING                                                                                                       |                     |
| 4          |      |      |       |      |        |        |       |       |       |       |       |       |       |       |       | 4         |           | 301  | 56000       | 4              | CY   | ASPHALT CONCRETE BASE, PG64-22, (449)                                                                                            |                     |
|            |      |      |       |      |        | 21,769 | 52    |       |       |       |       |       |       |       |       | 21,821    |           | 302  | 56000       | 21,821         | CY   | ASPHALT CONCRETE BASE, PG64-22, (449)                                                                                            |                     |
| 10         |      |      |       |      |        | 27,349 |       |       |       |       |       |       |       |       |       | 24,581    | 2,768     | 304  | 20000       | 27,359         | CY   | AGGREGATE BASE                                                                                                                   |                     |
|            |      |      |       |      |        | 7,795  | 29    |       |       |       |       |       |       |       |       | 29        | 7,795     | 407  | 13900       | 7,824          | GAL  | TACK COAT, 702.13                                                                                                                |                     |
|            |      |      | 92    |      |        | 21,969 |       |       |       |       |       |       |       |       |       | 15,537    | 6,524     | 407  | 20000       | 22,061         | GAL  | NON-TRACKING TACK COAT                                                                                                           |                     |
|            |      |      |       | 43   |        | 550    |       |       |       |       |       |       |       |       |       | 593       |           | 411  | 10000       | 593            | CY   | STABILIZED CRUSHED AGGREGATE                                                                                                     |                     |
|            |      |      |       |      |        |        |       |       |       |       |       |       |       |       |       | 48        |           | 441  | 50000       | 48             | CY   | ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22                                                                          |                     |
|            |      |      | 48    |      |        |        |       |       |       |       |       |       |       |       |       | 40        |           | 441  | 70201       | 40             | CY   | ASPHALT CONCRETE INTERMEDIATE COURSE,                                                                                            | P.23                |
|            |      |      | 40    |      |        |        |       |       |       |       |       |       |       |       |       |           |           |      |             |                |      | TYPE 1, (449), AS PER PLAN, PG64-22                                                                                              |                     |
|            |      |      |       |      |        | 909    | 18    |       |       |       |       |       |       |       |       | 18        |           | 441  | 70500       | 18             | CY   | ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), (DRIVEWAYS)                                                                      |                     |
|            |      |      |       |      |        |        |       |       |       |       |       |       |       |       |       | 570       | 339       | 441  | 70800       | 909            | CY   | ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (449), (UNDER GUARDRAIL)                                                           |                     |
|            |      |      |       |      |        | 16,397 |       |       |       |       |       |       |       |       |       | 12,016    | 4,381     | 442  | 00100       | 16,397         | CY   | ANTI-SEGREGATION EQUIPMENT                                                                                                       |                     |
|            |      |      |       |      |        | 1,081  |       |       |       |       |       |       |       |       |       | 1,081     |           | 442  | 10000       | 1,081          | CY   | ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446)                                                                           |                     |
|            |      |      |       |      |        | 7,549  |       |       |       |       |       |       |       |       |       | 7,549     |           | 442  | 10080       | 7,549          | CY   | ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5 MM, TYPE A (446)                                                                      |                     |
|            |      |      |       |      |        | 5,700  |       |       |       |       |       |       |       |       |       |           | 5,700     | 442  | 10100       | 5,700          | CY   | ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446)                                                                        |                     |
|            |      |      |       |      |        | 8,848  |       |       |       |       |       |       |       |       |       | 4,467     | 4,381     | 442  | 10300       | 8,848          | CY   | ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447)                                                                           |                     |
|            |      |      |       |      | 64     |        |       |       |       |       |       |       |       |       |       | 64        |           | 609  | 24510       | 64             | FT   | CURB, TYPE 4-C                                                                                                                   |                     |
|            |      |      |       |      |        | 29     |       |       |       |       |       |       |       |       |       | 29        |           | 609  | 60000       | 29             | CY   | 9" CONCRETE TRAFFIC ISLAND                                                                                                       |                     |
|            |      |      |       |      |        | 338    |       |       |       |       |       |       |       |       |       |           | 338       | 617  | 10100       | 338            | CY   | COMPACTED AGGREGATE                                                                                                              |                     |
|            |      |      |       |      |        | 8,550  |       |       |       |       |       |       |       |       |       | 8,550     |           | 617  | 20000       | 8,550          | SY   | SHOULDER PREPARATION                                                                                                             |                     |
|            |      |      |       |      |        |        |       |       |       |       |       |       |       |       | 18    | 9         | 9         | 618  | 40600       | 18             | MILE | RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)                                                                                       |                     |

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER

NRE

REVIEWER

KKP 09/18/24

PROJECT ID

119141

SHEET

P.70

TOTAL

P.907



MODEL: Unnamed Plan - Plan 1 [Steel] PAPER SIZE: 34x22 (in.) DATE: 4/4/2025 TIME: 10:44:17 AM USER: janmurray  
pw:\ipw-intl.intrb.org:PWGreat\_Lakes Documents\Columbus Projects\828241 ATH MEI-33PW01 119141400-Engineering-HNTB Roadway\Sheets\119141\_GS001.dgn

MODEL: Unnamed Plan - Plan 1 [Sheet1]  
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|                                                                                       |       |
|---------------------------------------------------------------------------------------|-------|
| PAVEMENT SUBSUMMARY                                                                   |       |
| DESIGN AGENCY                                                                         |       |
|  |       |
| DESIGNER                                                                              |       |
| NRE                                                                                   |       |
| REVIEWER                                                                              |       |
| SJT 08/01/24                                                                          |       |
| PROJECT ID                                                                            |       |
| 119141                                                                                |       |
| SHEET                                                                                 | TOTAL |
| P.76                                                                                  | P.907 |







| STATION RANGE |    |           |       | SIDE   | DISTANCE<br>(D) | AVERAGE WIDTH (ITEM: 204) | AVERAGE WIDTH (ITEM: 302) | AVERAGE WIDTH (ITEM: 304) | AVERAGE WIDTH (ITEM: 411) | AVERAGE WIDTH (ITEM: 442) | AVERAGE WIDTH (ITEMS: 441, 617) | SURFACE AREA<br>(ITEM: 204) | SURFACE AREA<br>(ITEM: 302) | SURFACE AREA<br>(ITEM: 304) | SURFACE AREA<br>(ITEMS: 407, 442) | SURFACE AREA<br>(ITEM: 411) | SURFACE AREA<br>(ITEMS: 441, 617) | SURFACE AREA<br>(ITEM: 442) | SURFACE AREA<br>(ITEM: 609) | SURFACE AREA<br>(ITEM: 617) | CADD GENERATED AREA<br>(ITEM: 204) | CADD GENERATED AREA<br>(ITEM: 302) | CADD GENERATED AREA<br>(ITEM: 304) | CADD GENERATED AREA<br>(ITEMS: 407, 442) | CADD GENERATED AREA<br>(ITEM: 411) | CADD GENERATED AREA<br>(ITEMS:441, 617) | CADD GENERATED AREA<br>(ITEM: 609) | SUBGRADE COMPACTION | PROOF ROLLING | ASPHALT CONCRETE BASE, PG64-22, (449) (T=5") | AGGREGATE BASE (T=6") | TACK COAT, 70Z.13<br>(0.085 GAL/SQ YD) | NON-TRACKING TACK COAT<br>(SEE TYPICAL SECTIONS FOR APPLICATION RATES) | STABILIZED CRUSHED AGGREGATE (T=8") | ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE<br>1, (449), (UNDER GUARDRAIL) (T=2") | ANTI-SEGREGATION EQUIPMENT | ASPHALT CONCRETE SURFACE COURSE,<br>12.5 MM, TYPE A (446) (T=1.5") | ASPHALT CONCRETE INTERMEDIATE COURSE,<br>12.5MM, TYPE A (446) (T=1.75") | ASPHALT CONCRETE INTERMEDIATE COURSE, .19<br>MM, TYPE A (446) (T=2.25") | ASPHALT CONCRETE SURFACE COURSE, 12.5 MM,<br>TYPE A (447) (T=1.5") | 9" CONCRETE TRAFFIC ISLAND | COMPACTED AGGREGATE | SHOULDER PREPARATION |    |    |    |  |  |  |
|---------------|----|-----------|-------|--------|-----------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------------|-----------------------------|-----------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|-----------------------------------------|------------------------------------|---------------------|---------------|----------------------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------------|-------------------------------------|----------------------------------------------------------------------------------|----------------------------|--------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------|---------------------|----------------------|----|----|----|--|--|--|
|               |    |           |       |        |                 | FT                        | FT                        | FT                        | FT                        | FT                        | FT                              | SY                          | SY                          | SY                          | SY                                | SY                          | SY                                | SY                          | SY                          | SY                          | SY                                 | SY                                 | SY                                 | SY                                       | SY                                 | SY                                      | SY                                 | SY                  | SY            | SY                                           | SY                    | SY                                     | HOUR                                                                   | CY                                  | GAL                                                                              | GAL                        | CY                                                                 | CY                                                                      | CY                                                                      | CY                                                                 | CY                         | CY                  | CY                   | CY | CY | CY |  |  |  |
| RAMP 21A      |    |           |       |        |                 |                           |                           |                           |                           |                           |                                 |                             |                             |                             |                                   |                             |                                   |                             |                             |                             |                                    |                                    |                                    |                                          |                                    |                                         |                                    |                     |               |                                              |                       |                                        |                                                                        |                                     |                                                                                  |                            |                                                                    |                                                                         |                                                                         |                                                                    |                            |                     |                      |    |    |    |  |  |  |
| 42+59.10      | TO | 49+10.99  | LT/RT | 651.89 |                 |                           |                           |                           |                           |                           |                                 |                             |                             |                             |                                   |                             |                                   |                             |                             |                             | 2045.38                            | 1874.88                            | 1947.93                            | 1826.23                                  |                                    |                                         |                                    |                     |               |                                              |                       |                                        |                                                                        |                                     | 20                                                                               | 91                         | 76                                                                 | 91                                                                      |                                                                         |                                                                    |                            |                     |                      |    |    |    |  |  |  |
| 42+59.10      | TO | 49+10.99  | LT    | 651.89 |                 |                           |                           |                           |                           |                           |                                 |                             |                             |                             |                                   |                             |                                   |                             |                             |                             |                                    |                                    |                                    |                                          |                                    |                                         |                                    |                     |               |                                              |                       |                                        |                                                                        |                                     |                                                                                  |                            |                                                                    |                                                                         |                                                                         |                                                                    |                            |                     |                      |    |    |    |  |  |  |
| 46+35.01      | TO | 49+10.99  | RT    | 275.98 |                 |                           |                           |                           |                           |                           |                                 |                             |                             |                             |                                   |                             |                                   |                             |                             |                             |                                    |                                    |                                    |                                          |                                    |                                         |                                    |                     |               |                                              |                       |                                        |                                                                        |                                     |                                                                                  |                            |                                                                    |                                                                         |                                                                         |                                                                    |                            |                     |                      |    |    |    |  |  |  |
| 49+10.99      | TO | 51+52.07  | RT    | 241.08 |                 |                           |                           |                           |                           |                           | 6.00                            |                             |                             |                             |                                   |                             | 160.72                            |                             |                             |                             |                                    |                                    |                                    |                                          |                                    |                                         |                                    |                     |               |                                              |                       |                                        |                                                                        |                                     |                                                                                  |                            |                                                                    |                                                                         |                                                                         |                                                                    |                            |                     |                      |    |    |    |  |  |  |
| 49+10.99      | TO | 51+88.89  | LT    | 277.90 |                 |                           |                           |                           |                           |                           | 5.00                            |                             |                             |                             |                                   |                             | 154.39                            |                             |                             |                             |                                    |                                    |                                    |                                          |                                    |                                         |                                    |                     |               |                                              |                       |                                        |                                                                        |                                     |                                                                                  |                            |                                                                    |                                                                         |                                                                         |                                                                    |                            |                     |                      |    |    |    |  |  |  |
| 49+10.99      | TO | 51+88.89  | LT/RT | 277.90 | 28.00           | 25.67                     | 26.67                     |                           | 25.00                     |                           |                                 | 864.58                      | 792.53                      | 823.41                      | 771.94                            |                             | 771.94                            |                             |                             |                             |                                    |                                    |                                    |                                          |                                    |                                         |                                    | 865                 | 0.29          | 110                                          | 137                   |                                        | 85                                                                     |                                     |                                                                                  | 38                         | 32                                                                 | 38                                                                      |                                                                         |                                                                    |                            |                     |                      |    |    |    |  |  |  |
| 51+52.07      | TO | 53+51.59  | RT    | 199.52 |                 |                           |                           |                           |                           |                           |                                 |                             |                             |                             |                                   |                             |                                   |                             |                             |                             |                                    |                                    |                                    |                                          |                                    |                                         |                                    |                     |               |                                              |                       |                                        |                                                                        |                                     |                                                                                  |                            |                                                                    |                                                                         |                                                                         |                                                                    |                            |                     |                      |    |    |    |  |  |  |
| 51+88.89      | TO | 53+51.59  | LT    | 162.70 |                 |                           |                           |                           |                           |                           |                                 |                             |                             |                             |                                   |                             |                                   |                             |                             |                             |                                    |                                    |                                    |                                          |                                    |                                         |                                    |                     |               |                                              |                       |                                        |                                                                        |                                     |                                                                                  |                            |                                                                    |                                                                         |                                                                         |                                                                    |                            |                     |                      |    |    |    |  |  |  |
| 51+88.89      | TO | 53+51.59  | LT/RT | 162.70 |                 |                           |                           |                           |                           |                           |                                 |                             |                             |                             |                                   |                             |                                   |                             |                             |                             | 493.63                             | 452.54                             | 470.17                             | 440.80                                   |                                    |                                         |                                    |                     |               |                                              |                       |                                        |                                                                        |                                     |                                                                                  |                            |                                                                    |                                                                         |                                                                         |                                                                    |                            |                     |                      |    |    |    |  |  |  |
| 53+51.72      | TO | 54+57.12  | LT    | 105.40 |                 |                           |                           |                           |                           |                           |                                 |                             |                             |                             |                                   |                             |                                   |                             |                             |                             |                                    |                                    |                                    |                                          |                                    |                                         |                                    |                     |               |                                              |                       |                                        |                                                                        |                                     |                                                                                  |                            |                                                                    |                                                                         |                                                                         |                                                                    |                            |                     |                      |    |    |    |  |  |  |
| RAMP 21B      |    |           |       |        |                 |                           |                           |                           |                           |                           |                                 |                             |                             |                             |                                   |                             |                                   |                             |                             |                             |                                    |                                    |                                    |                                          |                                    |                                         |                                    |                     |               |                                              |                       |                                        |                                                                        |                                     |                                                                                  |                            |                                                                    |                                                                         |                                                                         |                                                                    |                            |                     |                      |    |    |    |  |  |  |
| 108+11.37     | TO | 116+86.93 | LT/RT | 875.56 |                 |                           |                           |                           |                           |                           |                                 |                             |                             |                             |                                   |                             |                                   |                             |                             |                             | 2785.58                            | 2555.14                            | 2654.49                            | 2488.98                                  |                                    |                                         |                                    |                     |               |                                              |                       |                                        |                                                                        |                                     |                                                                                  |                            |                                                                    |                                                                         |                                                                         |                                                                    |                            |                     |                      |    |    |    |  |  |  |
| 108+11.37     | TO | 116+62.89 | RT    | 851.52 |                 |                           |                           |                           |                           |                           |                                 |                             |                             |                             |                                   |                             |                                   |                             |                             |                             |                                    |                                    |                                    |                                          |                                    |                                         |                                    |                     |               |                                              |                       |                                        |                                                                        |                                     |                                                                                  |                            |                                                                    |                                                                         |                                                                         |                                                                    |                            |                     |                      |    |    |    |  |  |  |
| 110+45.95     | TO | 115+14.24 | LT    | 468.29 |                 |                           |                           |                           |                           |                           |                                 |                             |                             |                             |                                   |                             |                                   |                             |                             |                             |                                    |                                    |                                    |                                          |                                    |                                         |                                    |                     |               |                                              |                       |                                        |                                                                        |                                     |                                                                                  |                            |                                                                    |                                                                         |                                                                         |                                                                    |                            |                     |                      |    |    |    |  |  |  |
| 115+14.24     | TO | 116+86.93 | LT    | 172.69 |                 |                           |                           |                           |                           |                           |                                 |                             |                             |                             |                                   |                             |                                   |                             |                             |                             |                                    |                                    |                                    |                                          |                                    |                                         |                                    |                     |               |                                              |                       |                                        |                                                                        |                                     |                                                                                  |                            |                                                                    |                                                                         |                                                                         |                                                                    |                            |                     |                      |    |    |    |  |  |  |
| 116+86.93     | TO | 117+08.48 | LT    | 21.55  |                 |                           |                           |                           |                           |                           |                                 |                             |                             |                             |                                   |                             |                                   |                             |                             |                             |                                    |                                    |                                    |                                          |                                    |                                         |                                    |                     |               |                                              |                       |                                        |                                                                        |                                     |                                                                                  |                            |                                                                    |                                                                         |                                                                         |                                                                    |                            |                     |                      |    |    |    |  |  |  |
| 116+86.93     | TO | 119+21.51 | LT/RT | 234.58 |                 |                           |                           |                           |                           |                           |                                 |                             |                             |                             |                                   |                             |                                   |                             |                             |                             | 2020.53                            | 1893.61                            | 1924.32                            | 1803.74                                  |                                    |                                         |                                    |                     |               |                                              |                       |                                        |                                                                        |                                     |                                                                                  |                            |                                                                    |                                                                         |                                                                         |                                                                    |                            |                     |                      |    |    |    |  |  |  |
| RAMP 21C      |    |           |       |        |                 |                           |                           |                           |                           |                           |                                 |                             |                             |                             |                                   |                             |                                   |                             |                             |                             |                                    |                                    |                                    |                                          |                                    |                                         |                                    |                     |               |                                              |                       |                                        |                                                                        |                                     |                                                                                  |                            |                                                                    |                                                                         |                                                                         |                                                                    |                            |                     |                      |    |    |    |  |  |  |
| 107+84.56     | TO | 110+00.53 | LT/RT | 215.97 |                 |                           |                           |                           |                           |                           |                                 |                             |                             |                             |                                   |                             |                                   |                             |                             |                             | 1919.99                            | 1800.27                            | 1828.56                            | 1732.87                                  |                                    |                                         |                                    |                     |               |                                              |                       |                                        |                                                                        |                                     |                                                                                  |                            |                                                                    |                                                                         |                                                                         |                                                                    |                            |                     |                      |    |    |    |  |  |  |
| 108+56.10     | TO | 110+00.53 | LT    | 144.43 |                 |                           |                           |                           |                           |                           |                                 |                             |                             |                             |                                   |                             |                                   |                             |                             |                             |                                    |                                    |                                    |                                          |                                    |                                         |                                    |                     |               |                                              |                       |                                        |                                                                        |                                     |                                                                                  |                            |                                                                    |                                                                         |                                                                         |                                                                    |                            |                     |                      |    |    |    |  |  |  |
| 108+69.89     | TO | 109+78.52 | RT    | 108.63 |                 |                           |                           |                           |                           |                           |                                 |                             |                             |                             |                                   |                             |                                   |                             |                             |                             |                                    |                                    |                                    |                                          |                                    |                                         |                                    |                     |               |                                              |                       |                                        |                                                                        |                                     |                                                                                  |                            |                                                                    |                                                                         |                                                                         |                                                                    |                            |                     |                      |    |    |    |  |  |  |
| 110+00.53     | TO | 118+39.68 | LT/RT | 839.15 |                 |                           |                           |                           |                           |                           |                                 |                             |                             |                             |                                   |                             |                                   |                             |                             |                             | 2671.31                            | 2448.90                            | 2544.11                            | 2385.45                                  |                                    |                                         |                                    |                     |               |                                              |                       |                                        |                                                                        |                                     |                                                                                  |                            |                                                                    |                                                                         |                                                                         |                                                                    |                            |                     |                      |    |    |    |  |  |  |
| 110+00.53     | TO | 118+39.68 | LT    | 839.15 |                 |                           |                           |                           |                           |                           |                                 |                             |                             |                             |                                   |                             |                                   |                             |                             |                             |                                    |                                    |                                    |                                          |                                    |                                         |                                    |                     |               |                                              |                       |                                        |                                                                        |                                     |                                                                                  |                            |                                                                    |                                                                         |                                                                         |                                                                    |                            |                     |                      |    |    |    |  |  |  |
| 111+74.83     | TO | 116+31.04 | RT    | 456.21 |                 |                           |                           |                           |                           |                           |                                 |                             |                             |                             |                                   |                             |                                   |                             |                             |                             |                                    |                                    |                                    |                                          |                                    |                                         |                                    |                     |               |                                              |                       |                                        |                                                                        |                                     |                                                                                  |                            |                                                                    |                                                                         |                                                                         |                                                                    |                            |                     |                      |    |    |    |  |  |  |
| RAMP 21D      |    |           |       |        |                 |                           |                           |                           |                           |                           |                                 |                             |                             |                             |                                   |                             |                                   |                             |                             |                             |                                    |                                    |                                    |                                          |                                    |                                         |                                    |                     |               |                                              |                       |                                        |                                                                        |                                     |                                                                                  |                            |                                                                    |                                                                         |                                                                         |                                                                    |                            |                     |                      |    |    |    |  |  |  |
| 200+21.75     | TO | 202+33.26 | RT    | 211.51 |                 |                           |                           |                           |                           |                           |                                 |                             |                             |                             |                                   |                             |                                   |                             |                             |                             |                                    |                                    |                                    |                                          |                                    |                                         |                                    |                     |               |                                              |                       |                                        |                                                                        |                                     |                                                                                  |                            |                                                                    |                                                                         |                                                                         |                                                                    |                            |                     |                      |    |    |    |  |  |  |
| 200+56.10     | TO | 202+11.30 | LT    | 155.20 |                 |                           |                           |                           |                           |                           |                                 |                             |                             |                             |                                   |                             |                                   |                             |                             |                             |                                    |                                    |                                    |                                          |                                    |                                         |                                    |                     |               |                                              |                       |                                        |                                                                        |                                     |                                                                                  |                            |                                                                    |                                                                         |                                                                         |                                                                    |                            |                     |                      |    |    |    |  |  |  |
| 202+33.26     | TO | 203+83.76 | LT/RT | 150.50 |                 |                           |                           |                           |                           |                           |                                 |                             |                             |                             |                                   |                             |                                   |                             |                             |                             |                                    |                                    |                                    |                                          |                                    |                                         |                                    |                     |               |                                              |                       |                                        |                                                                        |                                     |                                                                                  |                            |                                                                    |                                                                         |                                                                         |                                                                    |                            |                     |                      |    |    |    |  |  |  |
| 202+33.26     | TO | 203+83.76 | RT    | 150.50 |                 |                           |                           |                           |                           |                           |                                 |                             |                             |                             |                                   |                             |                                   |                             |                             |                             | 458.64                             | 420.42                             | 436.80                             | 409.51                                   |                                    |                                         |                                    |                     |               |                                              |                       |                                        |                                                                        |                                     |                                                                                  |                            |                                                                    |                                                                         |                                                                         |                                                                    |                            |                     |                      |    |    |    |  |  |  |
| 203+83.76     | TO | 207+37.44 | LT/RT | 353.68 | 28.00           | 25.67                     | 26.67                     |                           | 25.00                     |                           |                                 | 1100.34                     | 1008.64                     | 1047.94                     | 982.44                            |                             | 982.44                            |                             |                             |                             |                                    |                                    |                                    |                                          |                                    |                                         |                                    |                     |               |                                              |                       |                                        |                                                                        |                                     |                                                                                  |                            |                                                                    |                                                                         |                                                                         |                                                                    |                            |                     |                      |    |    |    |  |  |  |