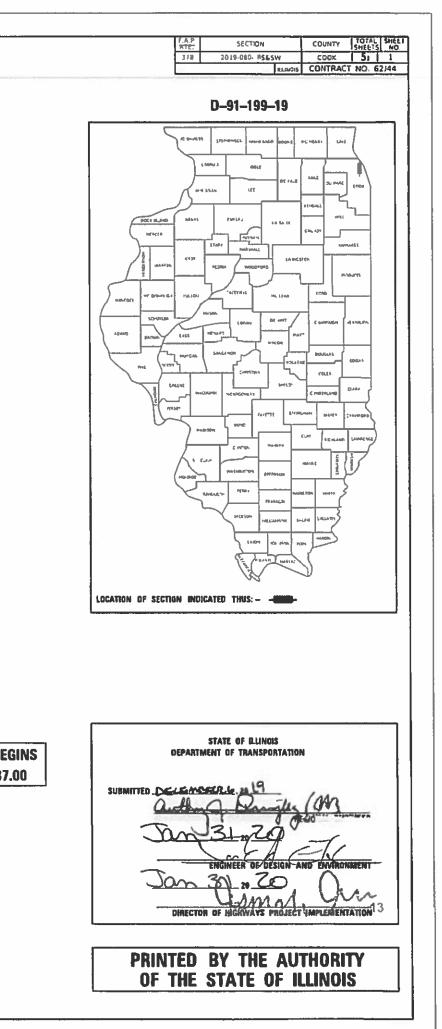
03-06-2020 LETTING ITEM 020 **STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION** Ο PROPOSED FOR INDEX OF SHEETS, SEE SHEET NO. 2 **HIGHWAY PLANS** THIS PROJECT IS LOCATED IN 0 THE VILLAGE OF LINCOLNWOOD **ROUTE: F.A.P. 378 MCCORMICK BLVD.** AND VILLAGE OF SKOKIE **DEMPSTER ST. TO DEVON AVE.** SECTION: 2019–080–RS&SW **PROJECT: NHPP-ECJS(429) DESIGNED OVERLAY, ADA IMPROVEMENTS AND** DRAINAGE **TRAFFIC DATA: COOK COUNTY** 2018 AADT = 37,900 SPEED LIMIT = 40 MPH C-91-432-19 **PROJECT ENDS** STA 166 + 45.00 R 13 E N CHURCH ST. DEMPSTER EVAN-STON LOCATION MAP INOT TO SCALED ASBUR M SKOKIE SOUTI BL. 2 HOWARD ÷ 19 AVE. **PROJECT BEGINS** STA 7+37.00 Ο PLANS HAVE BEEN PREPARED USING STANDAY =14**)**= ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED. J.U.L.I.E. **NILES TOWNSHIP** JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS 1-800-892-0123 OR \$11 Q PROJECT ENGINEER: DANIEL WILGREEN (847) 705-4240 PROJECT MANAGER: FAWAD AQUEEL (847) 705-4247 GROSS LENGTH = 15,900 FT. = 3.01 MILE NET LENGTH = 15,908 FT. = 3.01 MILE

### CONTRACT NO. 62J44



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### STATE STANDARDS

### STANDARD NO. DESCRIPTION

| NAME =    | USER NAME = alawnehab                  | DESIGNED -                    | REVISED -   |
|-----------|--|-------------------------------|-------------|
| 814001-03 | HANDHOLES                              |                               |             |
| 701901-08 | TRAFFIC CONTROL DEVICES                |                               |             |
| 701801-06 | SIDEWALK, CORNER OR CROSSWALK CLOSE    | IRE                           |             |
| 701701-10 | URBAN LANE CLOSURE, MULTILANE INTER    | SECTION                       |             |
| 701606-10 | URBAN SINGLE LANE CLOSURE MULTILANE    | , 2W WITH MOUNTABLE MEDIAN    |             |
| 701602-10 | URBAN LANE CLOSURE MULTILANE, 2W W     | TH BIDIRECTIONAL LEFT TURN L  | ANE         |
| 701501-06 | URBAN LANE CLOSURE,2L,2W, UNDIVIDED    |                               |             |
| 701427-05 | LANE CLOSURE, MULTILANE, INTERMITTEN   | T OR MOVING OPER., FOR SPEED  | S <= 40 MPH |
| 701311-03 | LANE CLOSURE,2L,2W, MOVING OPERATION   | S- DAY ONLY                   |             |
| 701301-04 | LANE CLOSURE,2L,2W, SHORT TIME OPER    | TIONS                         |             |
| 701101-05 | OFF-RD OPERATIONS, MULTILANE, 15' (4.  | 5 m) TO 24" (600 m) FROM PAVE | MENT EDGE   |
| 701011-04 | OFF-RD MOVING OPERATIONS, 2L, 2W, DA   | Y ONLY                        |             |
| 701006-05 | OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) | TO 24" (600 mm) FROM PAVEN    | IENT EDGE   |
| 606001-07 | CONCRETE CURB TYPE B AND COMBINATI     | ON CONCRETE CURB AND GUTTER   |             |
| 604091-03 | FRAME AND GRATE TYPE 24                |                               |             |
| 604001-05 | FRAMES AND LIDS TYPE 1                 |                               |             |
| 442201-03 | CLASS C AND D PATCHES                  |                               |             |
| 424026-03 | ENTRANCE / ALLEY PEDESTRIAN CROSSIN    | IGS                           |             |
| 424021-05 | DEPRESSED CORNER FOR SIDEWALKS         |                               |             |
| 424011-04 | CORNER PARALLEL CURB RAMPS FOR SID     | EWALKS                        |             |
| 424001-11 | PERPENDICULAR CURB RAMPS FOR SIDEW     | ALKS                          |             |
| 000001-07 | STANDARD SYMBOLS, ABBREVIATIONS AND    | PATTERNS                      |             |
|           |  |                               |             |

| GE  | NERAL NOTES   |
|-----|---|
|     |   |
| 1.  | BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT<br>(800) 892-0123 OR 811 AND CUAN AT (312) 744-7000 FOR FIELD LOCATIONS OF<br>BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOUR NOTIFICATION<br>REQUIRED) |
| 2.  | THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, VILAGE OF LICOLNWOOD, AND VILLAGE OF SKOKIE.  |
| 3.  | FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE<br>IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS<br>CONTRACT.   |
| 4.  | THE CONTRACTOR SHALL CONTACT DISTRICT ONE ARTERIAL TRAFFIC CONTROL SUPERVISOR<br>AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.   |
| 5.  | THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE<br>ON STATE PROPERTY WITHOUT THE WRITTEN PERMISSION OF THE DEPARTMENT.  |
| 6.  | IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.  |
| 7.  | DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.   |
| 8.  | THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY<br>AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.  |
| 9.  | ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.  |
| 10. | DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.  |
| 11. | FOR FRAMES AND LIDS ADJUSTMENT WITHOUT MILLING, REUSE EXISTING FRAME AND LID<br>UNLESS OTHERWISE SPECIFIED IN THE PLANS.  |
| 12. | WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC. THE MAXIMUM GRADE DIFFERENTIAL   |

- 12. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 11/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS, AND 1 INCH WHERE THE SPEED LIMIT IS OVER 45 MPH. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 1V:3H.
- 13. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS. UNLESS OTHERWISE SPECIFIED.
- 14. TWO WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS, THE ENGINEER SHALL CONTACT DON CHIARUGI, AREA TRAFFIC FIELD ENGINEER AT DON.CHIARUGI@ILLINOIS.GOV
- 15. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- 16. ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.
- 17. PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
- 18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ANY DETECTOR LOOPS DAMAGED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING 19. CONSTRUCTION.
- 20. LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT LOR COMBINATION CURB AND GUTTER (THE TYPE SPECIFIED IN THE PLANS)] WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL 21. EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGES DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.
- 22. NO CONSTRUCTION EQUIPMENT OR CONSTRUCTION MATERIALS MAY BE PLACED WITHIN TREES' ROOT ZONE ALONG MCCORMICK BLVD. ESPECIALLY WITHIN THE SKOKIE NORTHSHORE CHANNEL PARK.

| Ī | FILE NAME =                                | USER NAME = alawnehab                         | DESIGNED -                                       | REVISED - |                              | GENERAL NOTES AND INDEX SHEET                   | F.A.P. SECTION     | COUNTY TOTAL SHEET |
|---|--|---|--|-----------|------------------------------|---|--------------------|--------------------|
|   | pw://planroom.dot.illinois.gov:PWIDOT/Docu | ments\IDOT Offices\District 1\Projects\D11991 | <b>DADAWN</b> o \Design \D119919-sht-gennote.dgn | REVISED - | STATE OF ILLINOIS            | MCCORMICK, BLVD. (DEMPSTER ST. TO DEVON AVE.)   | 378 2019-080-RS&SW | СООК 51 2          |
|   |  | PLOT SCALE = 100.0000 '/ in.                  | CHECKED -  | REVISED - | DEPARTMENT OF TRANSPORTATION | WIGGURWICK, BLVD. (DEWIPSTER ST. TU DEVUN AVE.) | j                  | CONTRACT NO. 62J44 |
|   |  | PLOT DATE = 12/13/2019                        | DATE -   | REVISED - |                              | SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.    | [ILL INOIS FED.    |                    |

# GENERAL NOTES (DRAINAGE RELATED)

1. THE DEPARTMENT SHALL BE RESPONSIBLE FOR CONTACTING OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT. THE DEPARTMENT SHALL COOPERATE WITH ALL UTILITY OWNERS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.

2. THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE DEPARTMENT.

3. THE DEPARTMENT SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MIGHT NOT BE SHOWN ON THE PLANS. ANY UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER.

### EROSION CONTROL

1. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. AREAS OF THE SITE THAT ARE NOT TO BE GRADED SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC OR OTHER DISTURBANCE UNTIL FINAL SEEDING IS PERFORMED.

2. PROPERTIES AND CHANNELS ADJOINING THE SITE SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION.

3. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.

4. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN ONE (1) CALENDAR DAY FOLLOWING THE END OF ACTIVE HYDROLOGIC DISTURBANCE.

5. THE DEPARTMENT SHALL PROVIDE ADEQUATE RECEPTACLES FOR THE DEPOSITION OF ALL CONSTRUCTION MATERIAL DEBRIS GENERATED DURING THE DEVELOPMENT PROCESS. THE DEPARTMENT SHALL NOT CAUSE OR PERMIT DUMPING, DEPOSITING, DROPPING, THROWING, DISCARDING OR LEAVING OF CONSTRUCTION MATERIAL DEBRIS UPON OR INTO THE CONSTRUCTION SITE, CHANNEL, WATERS OF THE UNITED STATES. THE DEPARTMENT SHALL MAINTAIN THE CONSTRUCTION SITE FREE OF CONSTRUCTION MATERIAL DEBRIS.

6. ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN IN EFFECTIVE WORKING CONDITION.

7. ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES -MAINTENANCE GUIDE:

(HTTP://WWW.IDOT.ILLINOIS.GOV/TRANSPORTATION-SYSTEM/ENVIRONMENT/E ROSION-AND-SEDIMENT-CONTROL).

8. THE DEPARTMENT SHALL CHECK ALL ESC MEASURES WEEKLY AND AFTER EACH RAINFALL, 0.5 INCHES OR GREATER IN A 24-HOUR PERIOD, OR FOULVALENT SNOWFALL, ADDITIONALLY DURING WINTER MONTHS, ALL MEASURES SHOULD BE CHECKED BY THE DEPARTMENT AFTER EACH SIGNIFICANT SNOWMELT.

9. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OF DISTURBANCE OR IF THE WORK AREA IS TO BE LEFT UNDISTURBED FOR 14 DAYS OR MORE.

|             | SUMMARY OF QUANTITIES   |                        | URBAN      |                    | CC         | NSTRUCTIO | ON TYPE CO | DE     |         |      |          | CI IMMAA     | RY OF QUANTITIES              |        |
|-------------|---|------------------------|------------|--------------------|------------|-----------|------------|--------|---------|------|----------|--------------|-------------------------------|--------|
|             | SOMMANT OF GUARTITIES   |                        |            | 0005               | 0005       | 0005      | 0005       |        |         |      |          | JUMMA        | INT OF CONTINES               |        |
| CODE NO     | ІТЕМ  | UNIT                   | QUANTITIES |                    | 100% STATE |           | 100% STATE |        |         | C    | ODE NO   |              | ITEM                          | UNIT   |
| 20101000    | TEMPORARY FENCE   | FOOT                   | 50         |                    |            | 50        |            |        |         | 40   | 0600290  | BITUMINOUS N | MATERIALS (TACK COAT)         | POUN   |
|             |   |                        |            |                    |            |           |            |        |         |      |          |              |                               |        |
| 20200100    | EARTH EXCAVATION  | CU YD                  | 57         | 57                 |            |           |            |        |         | 40   | 0600400  | MIXTURE FOR  | CRACKS, JOINTS, AND           | TON    |
|             |   |                        |            |                    |            |           |            |        |         |      |          | FLANGEWAYS   |                               |        |
| 20400800    | FURNISHED EXCAVATION  | CU YD                  | 18         |                    |            | 18        |            |        |         |      |          |              |                               |        |
|             |   |                        |            |                    |            |           |            |        |         | 40   | 0600982  | HOT-MIX ASPH | HALT SURFACE REMOVAL - BUTT   | SO YI  |
| 21101615    | TOPSOIL FURNISH AND PLACE, 4"   | SQ YD                  | 72         | 72                 |            |           |            |        |         |      |          | JOINT        |                               |        |
|             |   |                        |            |                    |            |           |            |        |         |      |          |              |                               |        |
| 21101625    | TOPSOIL FURNISH AND PLACE, 6"   | SQ YD                  | 1080       |                    |            | 1080      |            |        |         | 40   | 0602985  | HOT-MIX ASPH | HALT BINDER COURSE, IL-9.5,   | TON    |
|             |   |                        |            |                    |            |           |            |        |         |      |          | N70          |                               |        |
| 25000110    | SEEDING, CLASS 1A   | ACRE                   | 0.3        |                    |            | 0.3       |            |        |         |      |          |              |                               |        |
|             |   |                        |            |                    |            |           |            |        |         | 40   | 0605026  | POLYMERIZED  | HOT-MIX ASPHALT SURFACE       | TON    |
| 25000400    | NITROGEN FERTILIZER NUTRIENT  | POUND                  | 28         | 1                  |            | 27        |            |        |         |      |          | COURSE, STON | NE MATRIX ASPHALT, 9.5, MIX   |        |
|             |   |                        |            |                    |            |           |            |        |         |      |          | "F", N80     |                               |        |
| 25000600    | POTASSIUM FERTILIZER NUTRIENT   | POUND                  | 28         | 1                  |            | 27        |            |        |         |      |          |              |                               |        |
|             |   |                        |            |                    |            |           |            |        |         | 42   | 2001 300 | PROTECTIVE ( | COAT                          | SO YO  |
| 25100630    | EROSION CONTROL BLANKET   | SQ YD                  | 1080       |                    |            | 1080      |            |        |         |      |          |              |                               |        |
|             |   |                        |            |                    |            |           |            |        |         | 42   | 2400200  | PORTLAND CEM | MENT CONCRETE SIDEWALK 5      | SQ F   |
| 25200110    | SODDING, SALT TOLERANT  | SO YD                  | 72         | 72                 |            |           |            |        |         |      |          | INCH         |                               |        |
|             |   |                        |            |                    |            |           |            |        |         |      |          |              |                               |        |
| 25200200    | SUPPLEMENTAL WATERING   | UNIT                   | 1          | 1                  |            |           |            |        |         | * 42 | 2400800  | DETECTABLE V | WARNINGS                      | S0 F1  |
|             |   |                        |            |                    |            |           |            |        |         |      |          |              |                               |        |
| 28000400    | PERIMETER EROSION BARRIER   | FOOT                   | 215        |                    |            | 215       |            |        |         | 44   | 1000164  | HOT-MIX ASPH | HALT SURFACE REMOVAL, 3       | SO Y   |
|             |   |                        |            |                    |            |           |            |        |         |      |          | 3/4"         |                               |        |
| 28100109    | STONE RIPRAP, CLASS A5  | SO YD                  | 15         |                    |            | 15        |            |        |         |      |          |              |                               |        |
|             |   |                        |            |                    |            |           |            |        |         | 44   | 1000600  | SIDEWALK REN | NOVAL                         | SO FI  |
| 28200200    | FILTER FABRIC   | SQ YD                  | 19         |                    |            | 19        |            |        |         |      |          |              |                               |        |
|             |   |                        |            |                    |            |           |            |        |         | 44   | 1201773  | CLASS D PATO | CHES, TYPE I, 11 INCH         | SO YE  |
| 40201000    | AGGREGATE FOR TEMPORARY ACCESS  | TON                    | 54         | 54                 |            |           |            |        |         |      |          |              |                               |        |
|             |   |                        |            |                    |            |           |            |        |         | 44   | 1201777  | CLASS D PATO | CHES, TYPE II, 11 INCH        | SO YI  |
| FILE NAME = | USER NAME = d/awnehab   | DESIGNED -             |            | REVISED            |            | <br>      |            |        |         |      |          |              | I                             |        |
|             | s.gov:PWID0T\Documents\D07_0fflces\D1str1ct_I\Projects\D1i9919\CADData\Design\D119919 | -sn-so <b>oraw</b> n - |            | REVISED            | -          |           |            |        | TATE OF |      |          |              |                               |        |
|             | PLOT SCALE = 1000000 ' / In.<br>PLOT DATE = 12/13/2019                                | CHECKED -<br>DATE -    |            | REVISED<br>REVISED |            |           | DE         | PARTME | NT OF   | TRAN | SPORTA   | TION         | SUMMAK<br>SCALE: SHEET NO. OF | SHEETS |
| L           | FLUI DHIE - 12/13/2019  |                        |            | REVISED            |            |           |            |        |         |      |          |              | JOALEI JOREI NU. OF           | JHELIS |

|              |            |                      |   | CO            | NSTRUCTIO            | N TYPE C | ODE       |                       |
|--------------|------------|----------------------|---|---------------|----------------------|----------|-----------|-----------------------|
|              | URBAN      |                      |   |               |                      |          |           |                       |
|              | TOTAL      | 0005                 |   | 005           | 0005                 | 0005     |           |                       |
| IT           | QUANTITIES | 80% FED<br>20% STATE | 1 |               | 80% FED<br>20% STATE |          |           |                       |
|              |            | 20% STATE            |   |               | 20% STATE            |          |           |                       |
| IND          | 77813      | 77813                |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
|              | 177        | 177                  |   |               |                      |          |           |                       |
| N            | 173        | 173                  |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
| <b>V</b> D   | 015        | 015                  |   |               |                      |          |           |                       |
| YD           | 815        | 815                  |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
| N            | 12911      | 12911                |   |               |                      |          |           |                       |
|              | 12511      | 12511                |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
| N            | 11297      | 11297                |   |               |                      |          |           |                       |
|              | 11251      | 11251                |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
| YD           | 628        | 628                  |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
| FT           | 6003       | 6003                 |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
| FT           | 334        | 334                  |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
| vn           | 115270     | 115270               |   |               |                      |          |           |                       |
| YD           | 115279     | 115279               |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
| FT           | 6003       | 6003                 |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
| YD           | 12         | 12                   |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
| YD           | 156        | 156                  |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      |          |           |                       |
|              |            |                      |   |               |                      | *        | SPECIALIT | Y ITEM                |
|              |            | I                    | L | F.A.P<br>RTE. | SECTI                | ON I     |           | TAL SHEET<br>EETS NO. |
| JANTI        | TIES       |                      |   | 378           | 2019-080-            | RS&SW    | соок      | 51 3                  |
| ,            |            | D STA.               |   | FED. ROA      | AD DIST. NO. 1 (IL   |          | PROJECT   | 0. 62J44              |
| STA. TO STA. |            |                      |   |               |                      | 1        |           |                       |

REV. 1/30/20

|                            | SUMMARY OF QUANTITIES  |                            | URBAN |                              | CC | NSTRUCTION                      | TYPE CO           | DDE |                     | Π          |          | SUMMA        | RY OF QUANTITIES             |          |
|----------------------------|--|----------------------------|-------|------------------------------|----|---------------------------------|-------------------|-----|---------------------|------------|----------|--------------|------------------------------|----------|
| CODE NO                    | ITEM   | UNIT                       | TOTAL | 0005<br>80% FED<br>20% STATE |    | 0005<br>80% FED 10<br>20% STATE | 0005<br>00% STATE |     |                     |            | CODE NO  |              | ITEM                         | UNIT     |
| 44201781                   | CLASS D PATCHES, TYPE III, 11 INCH   | SO YD                      | 43    | 43                           |    |                                 |                   |     |                     | *          | 66900530 | SOIL DISPOS  | AL ANALYSIS                  | EACH     |
|                            |  |                            |       |                              |    |                                 |                   |     |                     |            |          |              |                              |          |
| 44201783                   | CLASS D PATCHES, TYPE IV, 11 INCH  | SO YD                      | 100   | 100                          |    |                                 |                   |     |                     | *          | 66901001 | REGULATED S  | UBSTANCES PRE-CONSTRUCTION   | LSUM     |
|                            |  |                            |       |                              |    |                                 |                   |     |                     |            |          | PLAN         |                              |          |
| 54261236                   | CONCRETE END SECTION, STANDARD 542001  | . EACH                     | 1     |                              |    | 1                               |                   |     |                     |            |          |              |                              |          |
|                            | 36", 1:2   |                            |       |                              |    |                                 |                   |     |                     | *          | 66901003 | REGULATED S  | UBSTANCES FINAL CONSTRUCTION | LSUM     |
|                            |  |                            |       |                              |    |                                 |                   |     | _                   |            |          | REPORT       |                              |          |
| 550A0750                   | STORM SEWERS, CLASS A, TYPE 3 36"  | FOOT                       | 38    |                              |    | 38                              |                   |     |                     |            |          |              |                              |          |
|                            |  |                            |       |                              |    |                                 |                   |     | _                   | *          | 66901006 | REGULATED SI | UBSTANCES MONITORING         | CAL D    |
| 55101600                   | STORM SEWER REMOVAL 36"  | FOOT                       | 46    |                              |    | 46                              |                   |     |                     |            |          |              |                              |          |
|                            |  |                            |       |                              |    |                                 |                   |     |                     |            | 67000400 | ENGINEER'S   | FIELD OFFICE, TYPE A         | CAL N    |
| 60223800                   | MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1  | EACH                       | 1     |                              |    | 1                               |                   |     |                     |            | 67100100 | MOBILIZATIO  | N                            | LSU      |
|                            | FRAME, CLOSED LID  |                            |       |                              |    |                                 |                   |     |                     |            |          |              |                              |          |
|                            |  |                            |       |                              |    |                                 |                   |     |                     |            | 70102620 | TRAFFIC CON  | TROL AND PROTECTION.         | L SUN    |
| 60255410                   | CATCH BASINS TO BE CLEANED   | EACH                       | 1     |                              | 1  |                                 |                   |     |                     |            |          | STANDARD 70  | 1501                         |          |
| 60252800                   | CATCH BASINS TO BE RECONSTRUCTED   | EACH                       | 2     | 2                            |    |                                 |                   |     |                     |            | 70102625 |              | TROL AND PROTECTION,         | L SUN    |
|                            |  |                            |       |                              |    |                                 |                   |     |                     |            |          | STANDARD 70  | · · ·                        |          |
| 60257900                   | MANHOLES TO BE RECONSTRUCTED   | EACH                       | 7     | 7                            |    |                                 |                   |     |                     |            |          |              |                              |          |
|                            |  |                            |       |                              |    |                                 |                   |     |                     |            | 70102632 | TRAFFIC CON  | TROL AND PROTECTION,         | L SU     |
| 60266600                   | VALVE BOXES TO BE ADJUSTED   | EACH                       | 1     | 1                            |    |                                 |                   |     |                     |            |          | STANDARD 70  | 1602                         |          |
| 60300105                   | FRAMES AND GRATES TO BE ADJUSTED   | EACH                       | 10    | 10                           |    |                                 |                   |     |                     |            |          |              |                              |          |
|                            |  |                            |       |                              |    |                                 |                   |     |                     |            | 70102635 |              | TROL AND PROTECTION,         | LSU      |
| 60300305                   | FRAMES AND LIDS TO BE ADJUSTED   | EACH                       | 7     | 7                            |    |                                 |                   |     |                     |            |          | STANDARD 70  | 1701                         |          |
|                            |  |                            |       |                              |    |                                 |                   |     |                     |            | 70102640 | TRAFFIC CON  | TROL AND PROTECTION.         | L SUN    |
| 60406000                   | FRAMES AND LIDS, TYPE 1, ADA COMPLIAN  | IT EACH                    | 1     | 1                            |    |                                 |                   |     |                     |            |          | STANDARD 70  | 1801                         |          |
|                            | OPEN LID   |                            |       |                              |    |                                 |                   |     |                     |            | 70300100 | SHORT TERM   | PAVEMENT MARKING             | FOOT     |
| 66800300                   |  |                            | E 7   | 57                           |    |                                 |                   |     |                     |            |          |              |                              |          |
| 66900200                   | NON-SPECIAL WASTE DISPOSAL   | CU YD                      | 57    | 57                           |    |                                 |                   |     |                     |            | 70300150 | SHORT TERM   | PAVEMENT MARKING REMOVAL     | S0 F1    |
| FILE NAME =                | USER NAME = alawnehab  | DESIGNED -                 |       |                              | -  |                                 |                   | ~   |                     | <u>   </u> |          |              |                              |          |
| wexprane com.dot JIII nots | s.gov;PWID0T\Documents\D0T 0fflces\District NProjects\Di9919\CADData\Design\Di19919<br>PLDT SCALE = 100,0000 ' / In. | -sm-sourcesme<br>CHECKED - |       | REVISED<br>REVISED           | -  |                                 | DF                |     | TATE OF<br>ENT OF 1 |            |          | TION         | SUMMAR                       | Y OF QUA |
|                            |  |                            |       | REVISED                      | -  |                                 | DE                |     |                     |            | NSPORTA  | TION         | SCALE: SHEET NO. OF          | SHEET    |

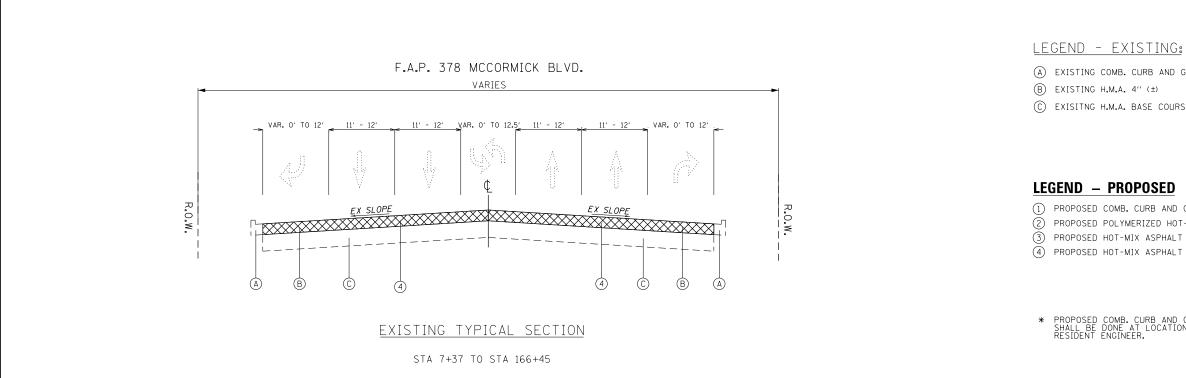
|      |            |           |  | CO                   | NSTRUCTIO          | N TYPE (       | CODE           |              |           |                   |
|------|------------|-----------|--|----------------------|--------------------|----------------|----------------|--------------|-----------|-------------------|
|      | URBAN      |           |  |                      |                    |                |                | Τ            | -         |                   |
|      | TOTAL      | 0005      |  | 005                  | 0005               | 0005           |                |              |           |                   |
| IT   | QUANTITIES |           |  | STATE                | 80% FED            | 100% STAT      | E              |              |           |                   |
|      |            | 20% STATE |  |                      | 20% STATE          |                |                |              |           |                   |
| СН   | 2          | 2         |  |                      |                    |                |                | 1            |           |                   |
| 61   | 2          | 2         |  |                      |                    |                |                |              |           |                   |
|      |            |           |  |                      |                    |                |                |              |           |                   |
|      |            |           |  |                      |                    |                |                | $\dashv$     |           |                   |
| UM   | 1          | 1         |  |                      |                    |                |                |              |           |                   |
|      |            |           |  |                      |                    |                |                | Ť            |           |                   |
|      |            |           |  |                      |                    |                |                |              |           |                   |
|      |            |           |  |                      |                    |                |                |              |           |                   |
|      |            |           |  |                      |                    |                |                | $\dashv$     |           |                   |
| JM   | 1          | 1         |  |                      |                    |                |                |              |           |                   |
|      |            |           |  |                      |                    |                |                | $\neg$       |           |                   |
|      |            |           |  |                      |                    |                |                |              |           |                   |
|      |            |           |  |                      |                    |                |                |              |           |                   |
|      |            |           |  |                      |                    |                |                | -+           |           |                   |
| DA   | 15         | 15        |  |                      |                    |                |                |              |           |                   |
|      |            |           |  |                      |                    |                |                | +            |           |                   |
|      |            |           |  |                      |                    |                |                |              |           |                   |
| мо   | 6          | 6         |  |                      |                    |                |                |              |           |                   |
|      |            |           |  |                      |                    |                |                | -            |           |                   |
| UM   | 1          | 1         |  |                      |                    |                |                |              |           |                   |
|      |            |           |  |                      |                    |                | Ì              | T            |           |                   |
|      |            |           |  |                      |                    |                |                | _            |           |                   |
| UM   | 1          | 1         |  |                      |                    |                |                |              |           |                   |
|      | •          | -         |  |                      |                    |                |                | +            |           |                   |
|      |            |           |  |                      |                    |                |                |              |           |                   |
|      |            |           |  |                      |                    |                |                |              |           |                   |
|      |            |           |  |                      |                    |                |                | $\downarrow$ |           |                   |
| UM   | 1          | 1         |  |                      |                    |                |                |              |           |                   |
|      | -          | -         |  |                      |                    |                |                | $\dashv$     |           |                   |
|      |            |           |  |                      |                    |                |                |              |           |                   |
|      |            |           |  |                      |                    |                |                |              |           |                   |
|      |            |           |  |                      |                    |                |                | $\dashv$     |           |                   |
| UM   | 1          | 1         |  |                      |                    |                |                |              |           |                   |
|      |            |           |  |                      |                    |                |                | ╡            |           |                   |
|      |            |           |  |                      |                    |                |                |              |           |                   |
|      |            |           |  |                      |                    |                |                |              |           |                   |
|      |            |           |  |                      |                    |                |                | +            |           |                   |
| UM   | 1          | 1         |  |                      |                    |                |                |              |           |                   |
|      |            |           |  |                      |                    |                | İ              | ╡            |           |                   |
|      |            |           |  |                      |                    |                |                |              |           |                   |
|      |            |           |  |                      |                    |                |                |              |           |                   |
|      |            |           |  |                      |                    |                |                | +            |           |                   |
| UM   | 1          | 1         |  |                      |                    |                |                |              |           |                   |
|      |            |           |  |                      |                    |                |                |              |           |                   |
|      |            |           |  |                      |                    |                |                | -            |           |                   |
| от   | 142800     | 142800    |  |                      |                    |                |                |              |           |                   |
|      |            |           |  |                      |                    | 1              | 1              | +            |           |                   |
|      |            |           |  |                      |                    |                |                |              |           |                   |
|      |            |           |  |                      |                    |                |                |              |           |                   |
| FT   | 142800     | 142800    |  |                      |                    |                |                | -            |           |                   |
|      |            |           |  |                      |                    | :              | * SPECIAL      | . I T        | r II      | ГЕM               |
|      |            |           |  | F.A.P                | CF0                |                |                |              | TAL       | SHEFT             |
|      |            |           |  | F.A.P<br>RTE.<br>378 | SECTI<br>2019-080- |                | COUNTY<br>COOK |              | ETS<br>51 | SHEET<br>NO.<br>4 |
|      |            |           |  |                      |                    |                | CONTRACT       |              |           |                   |
| STA. | 10         | D STA.    |  | FED. ROA             | AD DIST. NO. 1 II  | LINOIS FED. AL | PROJECT        |              |           |                   |

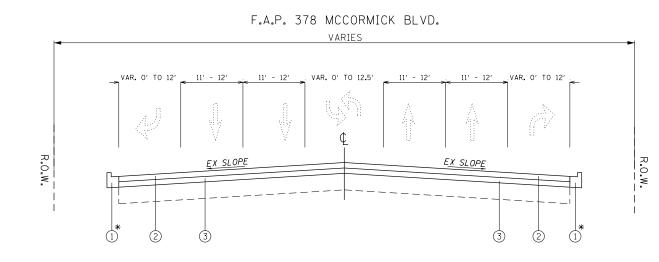
REV. 1/30/20

|             | SUMMA                             | RY OF QUANTITIES  |            |                     |                              | CO                 | NSTRUCTIC                    | N TYPE CO          | DDE          | _     |           | SUMM/       | ARY OF QUANTITIES             |        |
|-------------|-----------------------------------|---|------------|---------------------|------------------------------|--------------------|------------------------------|--------------------|--------------|-------|-----------|-------------|-------------------------------|--------|
| CODE NO     |                                   | ITEM  | UNIT       | TOTAL<br>QUANTITIES | 0005<br>80% FED<br>20% STATE | 0005<br>100% STATE | 0005<br>80% FED<br>20% STATE | 0005<br>100% STATE |              |       | CODE NO   |             | ITEM                          | UNIT   |
| 70300210    | TEMPORARY PAV                     | EMENT MARKING LETTERS AND   | SO FT      | 2267                | 2267                         |                    |                              |                    |              |       | 78300200  | RAISED REFL | ECTIVE PAVEMENT MARKER        | EACH   |
|             | SYMBOLS                           |   |            |                     |                              |                    |                              |                    |              |       |           | REMOVAL     |                               |        |
| 70300220    | TEMPORARY PAV                     | EMENT MARKING - LINE 4"   | FOOT       | 54881               | 54881                        |                    |                              |                    |              | *     | 88600600  | DETECTOR LO | OP REPLACEMENT                | FOOT   |
|             |                                   |   |            |                     |                              |                    |                              |                    |              |       |           |             |                               |        |
| 70300240    | TEMPORARY PAV                     | EMENT MARKING - LINE 6"   | FOOT       | 8695                | 8695                         |                    |                              |                    |              | *     | 89500400  | RELOCATE EX | ISTING PEDESTRIAN PUSH-BUTTON | EACH   |
| 70300250    | TEMPORARY PAV                     | EMENT MARKING - LINE 8"   | FOOT       | 189                 | 189                          |                    |                              |                    |              | *     | 89502376  | REBUILD EXI | STING HANDHOLE                | EACH   |
|             |                                   |   |            |                     |                              |                    |                              |                    |              |       |           |             |                               |        |
| 70300260    | TEMPORARY PAV                     | EMENT MARKING - LINE 12"  | FOOT       | 4750                | 4750                         |                    |                              |                    |              |       | X0320050  | CONSTRUCTIO | N LAYOUT (SPECIAL)            | L SUM  |
| 70300280    | TEMPORARY PAV                     | EMENT MARKING - LINE 24"  | FOOT       | 1159                | 1159                         |                    |                              |                    |              |       | VEE 37000 |             |                               |        |
|             |                                   |   |            |                     |                              |                    |                              |                    |              |       | x5537800  | STURM SEWER | S TO BE CLEANED 12"           | FOOT   |
| 70300520    | PAVEMENT MARK                     | ING TAPE, TYPE III 4"   | FOOT       | 71400               | 71400                        |                    |                              |                    |              |       | x5538600  | STORM SEWER | S TO BE CLEANED 36"           | FOOT   |
|             |                                   |   |            |                     |                              |                    |                              |                    |              |       |           |             |                               |        |
| * 78000100  | THERMOPLASTIC                     | PAVEMENT MARKING -  | SO FT      | 2267                | 2267                         |                    |                              |                    |              |       | x6030310  | FRAMES AND  | LIDS TO BE ADJUSTED           | EACH   |
|             | LETTERS AND S                     | YMBOLS  |            |                     |                              |                    |                              |                    |              |       |           | (SPECIAL)   |                               |        |
| × 78000200  | THERMOPLASTIC                     | PAVEMENT MARKING - LINE   | FOOT       | 54881               | 54881                        |                    |                              |                    |              |       | x7030005  | TEMPORARY P | AVEMENT MARKING REMOVAL       | SO FT  |
|             | 4"                                |   |            |                     |                              |                    |                              |                    |              |       |           |             |                               |        |
|             |                                   |   |            |                     |                              |                    |                              |                    |              |       | Z0004562  | COMBINATION | CONCRETE CURB AND GUTTER      | FOOT   |
| 78000400    | THERMOPLASTIC                     | PAVEMENT MARKING - LINE   | FOOT       | 8695                | 8695                         |                    |                              |                    |              |       |           | REMOVAL AND | REPLACEMENT                   |        |
|             | 6"                                |   |            |                     |                              |                    |                              |                    |              |       | Z0018500  | DRAINAGE ST | RUCTURES TO BE CLEANED        | EACH   |
| 78000500    | THERMOPLASTIC                     | PAVEMENT MARKING - LINE   | FOOT       | 189                 | 189                          |                    |                              |                    |              |       | Z0023201  | SEDIMENT CO | NTROL, SILT CURTAIN           | ЕАСН   |
|             | 8"                                |   |            |                     |                              |                    |                              |                    |              |       |           |             |                               |        |
| 78000600    | THERMOPLASTIC                     | PAVEMENT MARKING - LINE   | FOOT       | 4750                | 4750                         |                    |                              |                    |              |       | Z0030850  | TEMPORARY I | NFORMATION SIGNING            | SO FT  |
|             | 12"                               |   |            |                     |                              |                    |                              |                    |              |       |           |             |                               |        |
| 78000650    | THERMOPLASTIC                     | PAVEMENT MARKING - LINE   | FOOT       | 1159                | 1159                         |                    |                              |                    |              |       | Z0033700  | LONGITUDINA | L JOINT SEALANT               | FOOT   |
| 78100100    |                                   | TIVE PAVEMENT MARKER  | EACH       | 1840                | 1840                         |                    |                              |                    |              |       | Z0048665  | RAILROAD PR | OTECTIVE LIABILITY INSURANCE  | L SUM  |
| FILE NAME = |                                   | USER NAME = alawinehab  | DESIGNED - |                     | REVISED                      |                    |                              |                    |              |       |           |             | T                             |        |
|             | nols.gov:PWIDOT\Documents\JDOT 0M | USER NAME = alawnenab<br>(lces\District NProjects\Di/99/9\CADData\Design\Di/99/9-sht- |            |                     | REVISED                      |                    |                              |                    | STATE OF     | : 111 | LINOIS    |             |                               |        |
| 1           |                                   | PLOT SCALE = 100,0000 ' / In.   | CHECKED -  |                     | REVISED                      |                    |                              | וח                 | EPARTMENT OF |       |           | TION        | SUMMARY                       | OF QUA |
|             |                                   |   | -          |                     |                              |                    |                              |                    |              |       |           |             |                               |        |

|       |                     |                              |      | CO            | NSTRUCTIO          | N TYPE C           | ODE        |           |      |      |
|-------|---------------------|------------------------------|------|---------------|--------------------|--------------------|------------|-----------|------|------|
| IT    | TOTAL<br>QUANTITIES | 0005<br>80% FED<br>20% STATE | 100% | 005           | 0005               | 0005<br>100% STATE |            |           |      |      |
| СН    | 1738                | 1738                         |      |               |                    |                    |            | 1         |      |      |
|       |                     |                              |      |               |                    |                    | <u> </u>   | ╡         |      |      |
| от    | 5001                | 5001                         |      |               |                    |                    |            |           |      |      |
|       |                     |                              |      |               |                    |                    |            |           |      |      |
| СН    | 16                  | 16                           |      |               |                    |                    |            |           |      |      |
|       |                     |                              |      |               |                    |                    |            |           |      |      |
| СН    | 12                  | 12                           |      |               |                    |                    |            |           |      |      |
|       |                     |                              |      |               |                    |                    |            |           |      |      |
| UM    | 1                   | 1                            |      |               |                    |                    |            |           |      |      |
|       |                     |                              |      |               |                    |                    |            |           |      |      |
| от    | 1745                |                              | 1745 | ò             |                    |                    |            |           |      |      |
|       |                     |                              |      |               |                    |                    |            |           |      |      |
| от    | 1 30                |                              |      |               |                    | 1 30               |            |           |      |      |
|       |                     |                              |      |               |                    |                    |            |           |      |      |
| СН    | 76                  | 76                           |      |               |                    |                    |            |           |      |      |
|       |                     |                              |      |               |                    |                    |            |           |      |      |
|       |                     |                              |      |               |                    |                    |            | Ì         |      |      |
| FT    | 32720               | 32720                        |      |               |                    |                    |            |           |      |      |
|       |                     |                              |      |               |                    |                    |            |           |      |      |
| от    | 992                 | 992                          |      |               |                    |                    |            |           |      |      |
|       |                     |                              |      |               |                    |                    |            |           |      |      |
| СН    | 356                 |                              | 356  | 5             |                    |                    |            |           |      |      |
|       |                     |                              |      |               |                    |                    |            |           |      |      |
| СН    | 1                   |                              |      |               | 1                  |                    |            |           |      |      |
|       |                     |                              |      |               |                    |                    |            |           |      |      |
| FT    | 51.4                | 51.4                         |      |               |                    |                    |            |           |      |      |
|       |                     |                              |      |               |                    |                    |            |           |      |      |
| от    | 62957               | 62957                        |      |               |                    |                    |            |           |      |      |
|       |                     |                              |      |               |                    |                    |            | T         |      |      |
| UM    | 1                   | 1                            |      |               |                    |                    |            |           |      |      |
|       |                     |                              |      |               |                    |                    | * SPEC I A |           | TY ! | ITEM |
|       |                     |                              |      | F.A.P<br>RTE. | SECTI              | 0N                 | COUNTY     | TO<br>SHF | TAL  | SHEE |
| JANTI | TIES                |                              |      | 378           | 2019-080-          |                    |            | 5         | 51 ( | 5    |
| STA.  |                     | D STA.                       |      | FED. RO       | AD DIST. NO. 1  IL |                    | PROJECT    | 00        | . 6  | 2344 |

REV. 1/30/20





### **PROPOSED TYPICAL SECTION**

STA 7+37 TO STA 166+45

| USER NAME = alawnehab         | DESIGNED - | REVISED - |                              |        |       | ту     | PICAL SEC | стіом | 1        |           | F.A.P.<br>BTE | SECTION        | COUNTY      | TOTAL  | SHEET |
|-------------------------------|------------|-----------|------------------------------|--------|-------|--------|-----------|-------|----------|-----------|---------------|----------------|-------------|--------|-------|
|                               | DRAWN -    | REVISED - | STATE OF ILLINOIS            |        |       |        |           |       |          | VON AVE.  | 378           | 2019-080-RS&SW | СООК        | 51     | 6     |
| PLOT SCALE = 100.0000 ' / in. | CHECKED -  | REVISED - | DEPARTMENT OF TRANSPORTATION |        |       | SLVD - | DEIML21   | cn ə  | I. IU DE | IVUN AVE. |               |                | CONTRA      | CT NO. | 62J44 |
| PLOT DATE = 12/13/2019        | DATE -     | REVISED - |                              | SCALE: | SHEET | OF     | SHEETS    | S STA | ۹.       | TO STA.   |               | ILLINOIS FED   | AID PROJECT |        |       |

MIXTURE USES PROPOSED POLYMER COURSE, SMA, MIX PAVEMENT RESURFACING HOT-MIX ASPHALT CLASS D PATCH (HMA BINDER IL-19 PATCHING QMP DESIGNATION: QUALITY CONTROL PAY FOR PERFORMANCE (PFP)

- APPLIES TO THE HMA MIXTURE.
- NOTE 5: CONTRACTOR SHALL MILL BEFORE PATCH

(A) EXISTING COMB. CURB AND GUTTER, (VARIES) C EXISITNG H.M.A. BASE COURSE, 10" (±)

(1) PROPOSED COMB. CURB AND GUTTER, (VARIES)\* (2) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE MIX "F", SMA, 9.5, N80, 1.75" (3) PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 2" (4) proposed hot-mix asphalt surface removal,  $3\frac{3}{4}$ 

\* PROPOSED COMB. CURB AND GUTTER. (VARIES) SHALL BE DONE AT LOCATIONS INDICATED BY THE RESIDENT ENCINEER.

## HOT-MIX ASPHALT MIXTURE REQUIREMENTS

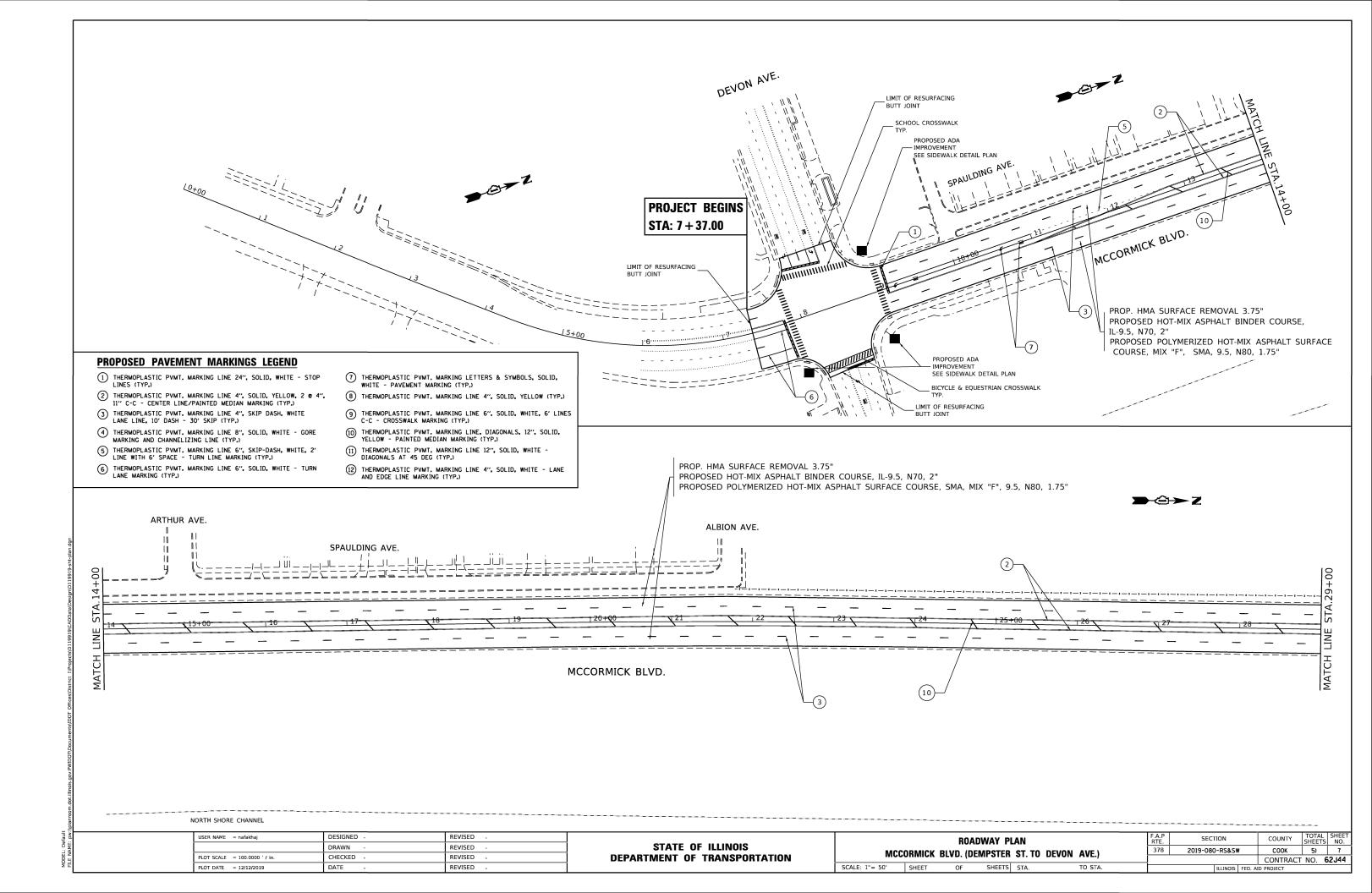
| MIXTURE TYPE  | AIR VOIDS @ Ndes    | QMP         |
|---|---------------------|-------------|
| RIZED HOT-MIX ASPHALT SURFACE<br>"F", 9.5, N80, 1.75" | 3.5% @ 80 GYR.      | PFP         |
| BINDER COURSE, IL-9.5, N70, 2"                        | 4% @ 70 GYR.        | QCP         |
| mm), 11′′   | 4% @ 70 GYR.        | QC/QA       |
| DL/QUALITY ASSURANCE (QC/QA); QUALITY                 | CONTROL FOR PERFORM | ANCE (QCP); |

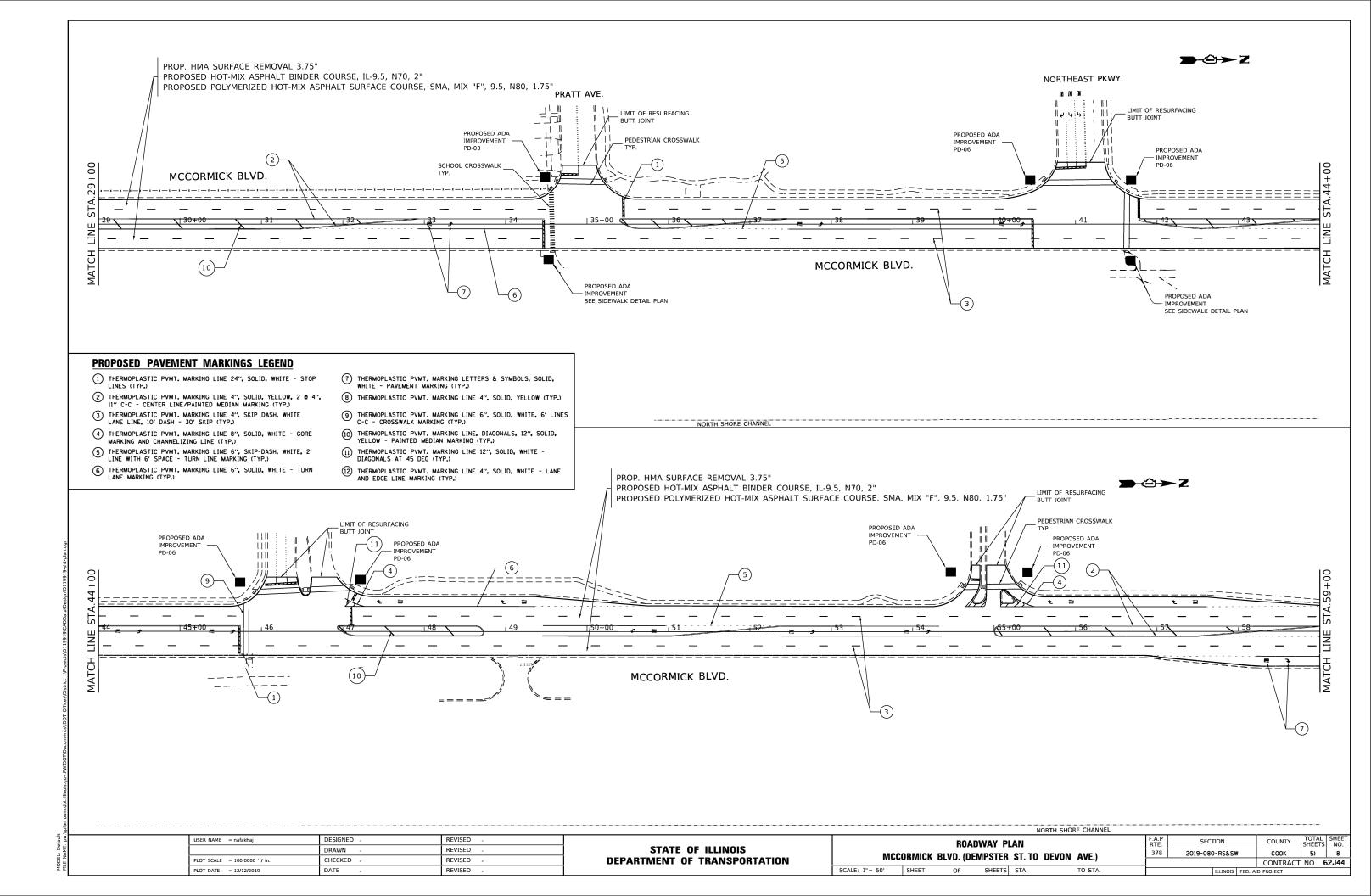
NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

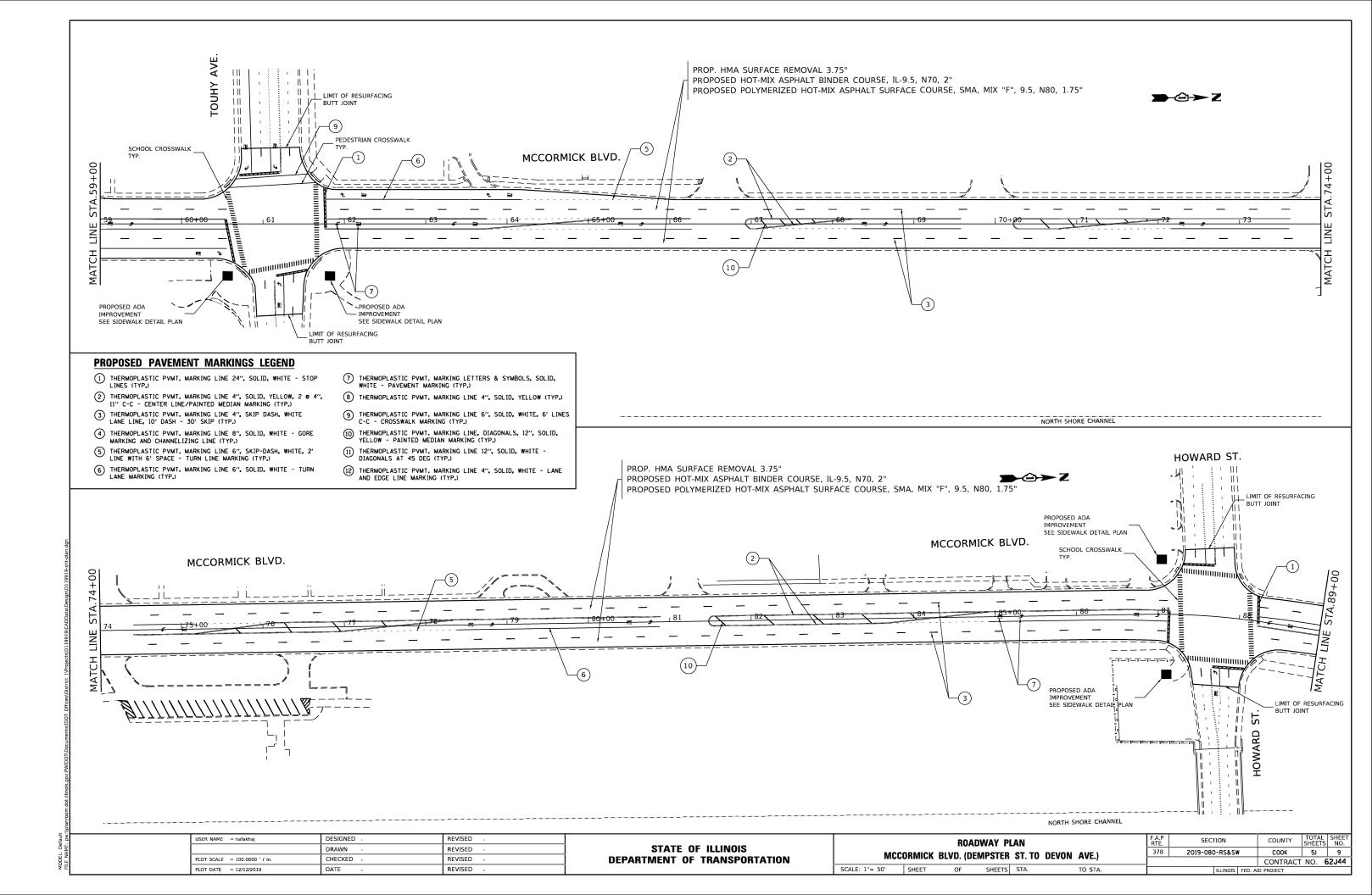
NOTE 2: THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

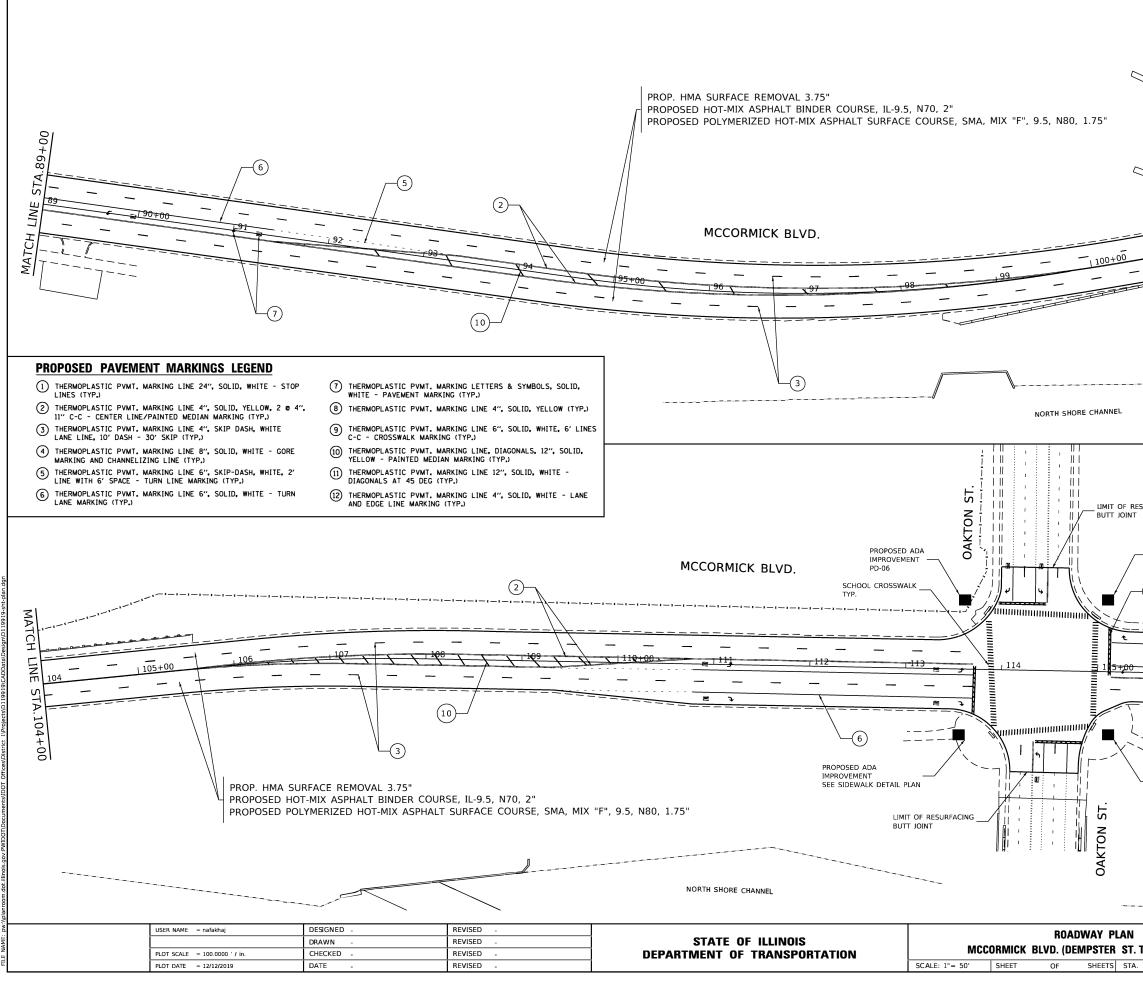
NOTE 3: QUALITY MANAGEMENT PROGRAM (QMP) IDNTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT

NOTE 4: THE LOGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE HMA BINDER COURSE IL-9.5"

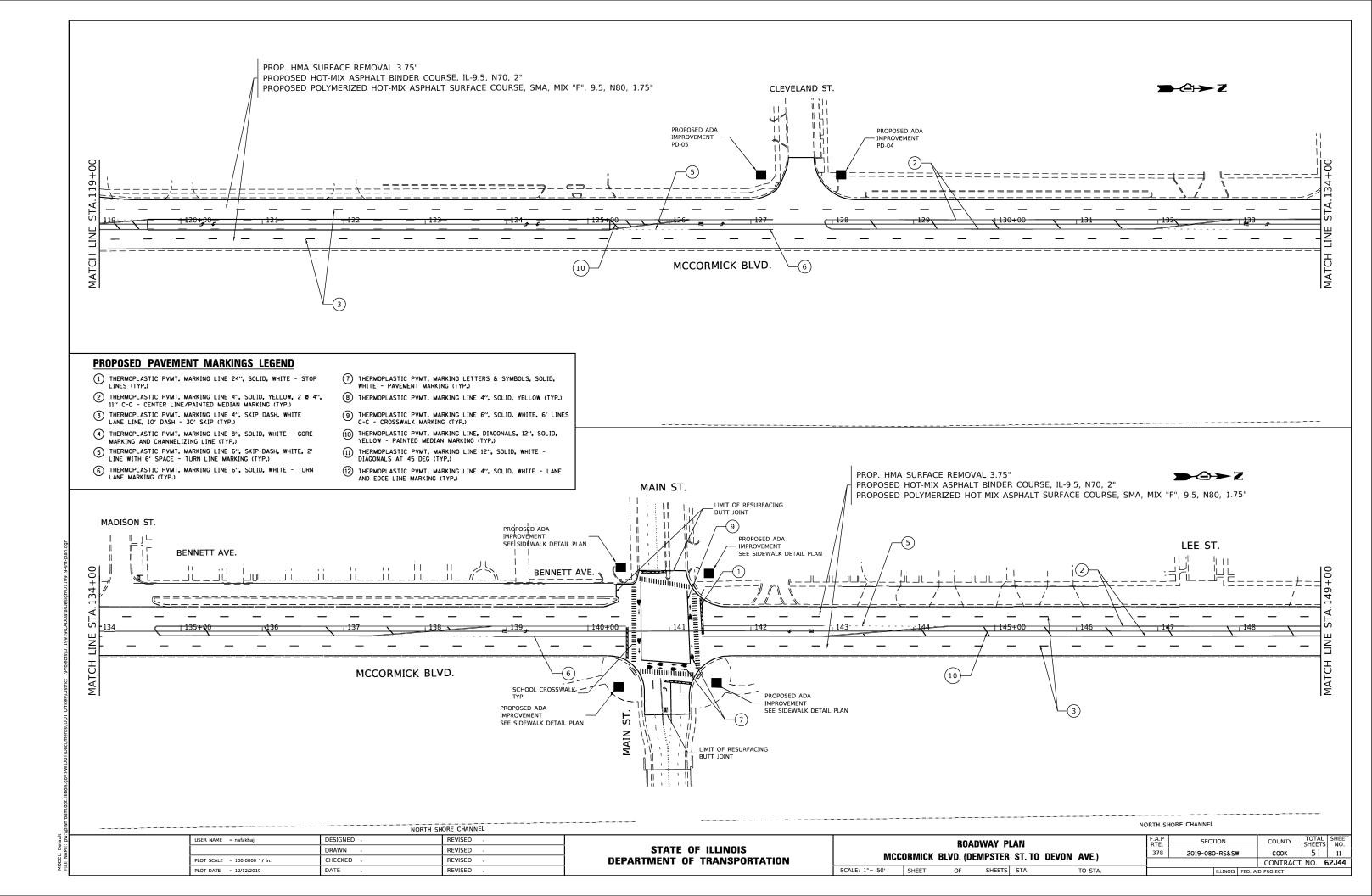


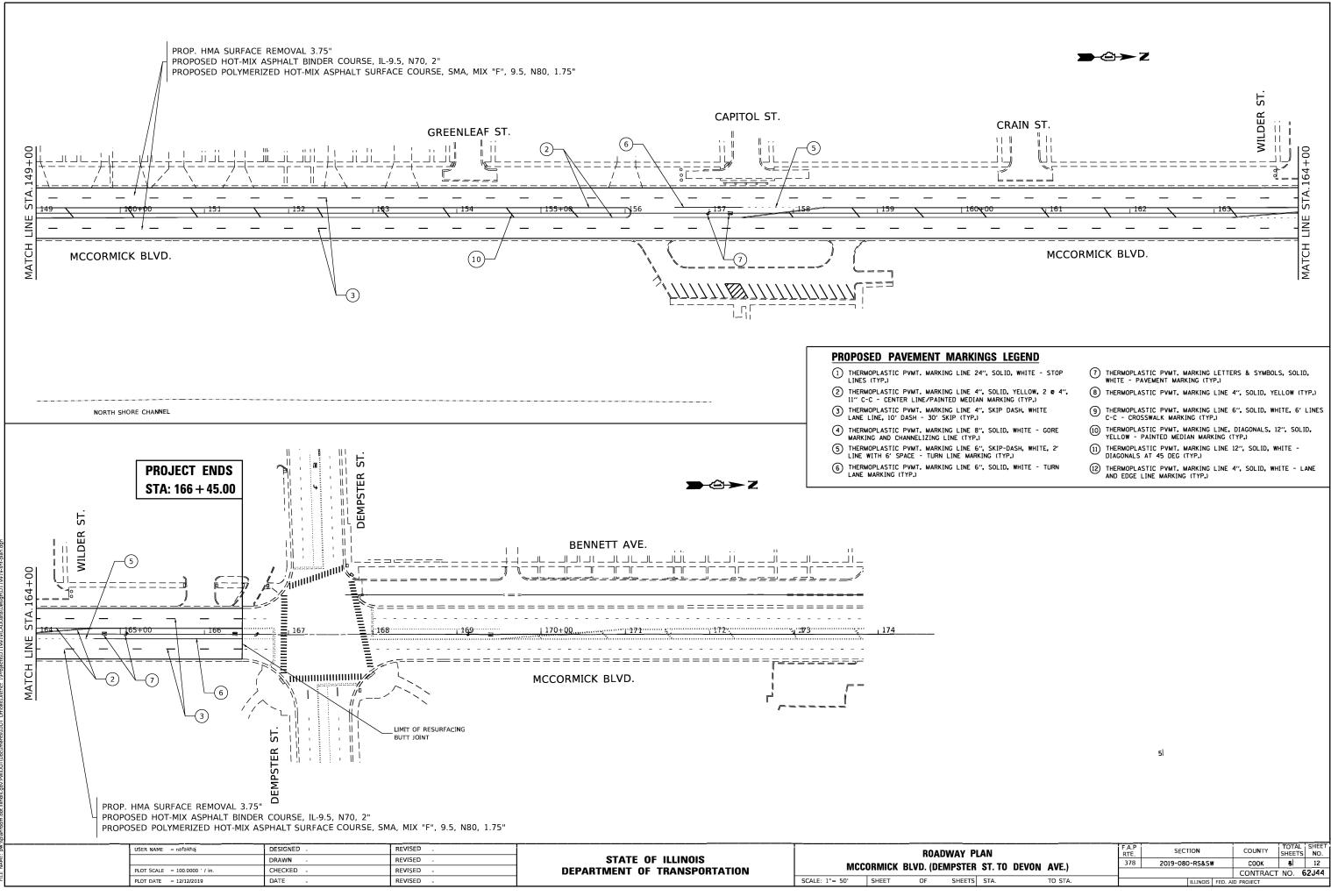






|   |                      | - 2                       |                            | MATCH LINE STA. 104+00 |                            |
|---|----------------------|---------------------------|----------------------------|------------------------|----------------------------|
| AIT OF RESURFACING<br>PROPOSED ADA<br>IMPROVEMENT<br>PD-06<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1 |                      |                           |                            | MATCH LINE STA 119400  |                            |
| PLAN<br>ER ST. TO DEVON AVE.)   | F.A.P<br>RTE.<br>378 | SECTION<br>2019-080-RS&SW | COUNTY<br>COOK<br>CONTRACT | SHEETS                 | SHEET<br>NO.<br>10<br>2J44 |
| TS STA. TO STA.   |                      | ILLINOIS FED. A           |                            |                        |                            |





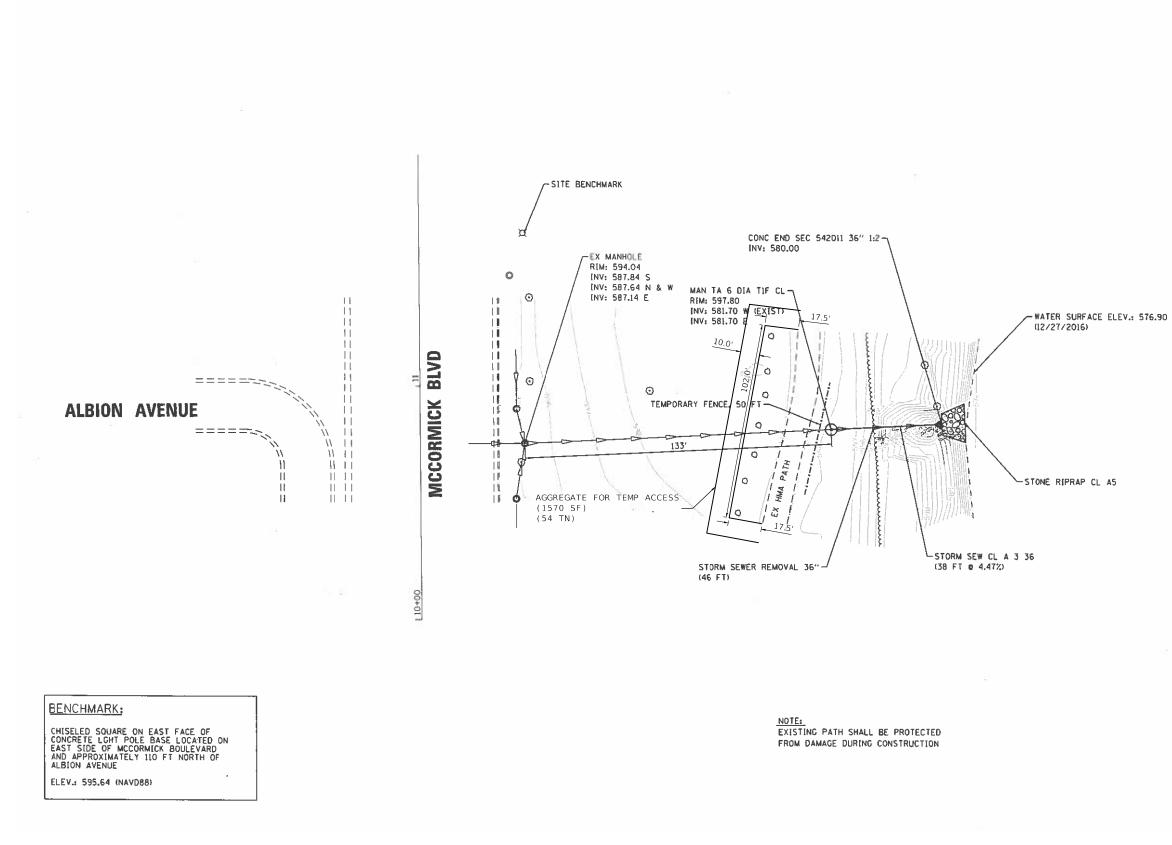
| PI | .AN          | F.A.P<br>RTE. SECTION |     |                  | COUNTY    | SHEET<br>NO. |       |
|----|--------------|-----------------------|-----|------------------|-----------|--------------|-------|
| FR | ST. TO DEVON | AVE.)                 | 378 | 2019-080-RS&SW   | COOK      | 5            | 12    |
|    | SI. IO DEVON |                       |     |                  | CONTRACT  | NO. 6        | 52J44 |
| TS | STA.         | TO STA.               |     | ILLINOIS FED. AI | D PROJECT |              |       |

| A. REFERENCED SPECIFICATIONS  | PIPE MATERIAL  | PIPE SPECIFICATIONS                                    | JOINT SPECIFICATIONS   |   |
|---|--|--|--|---|
| <ol> <li>ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE FOLLOWING,<br/>EXCEPT AS MODIFIED HEREIN OR ON THE PLANS:</li> <li>* STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION), BY THE</li> </ol>  | VITRIFIED CLAY PIPE  | ASTM C-700   | ASTM C-425   | E. EROSION AND SEDIMENT CONTROL<br>1. THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL   |
| ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT SS) FOR ALL IMPROVEMENTS EXCEPT SANITARY<br>SEWER AND WATER MAIN CONSTRUCTION;<br>STANDARD, SPECIFICATION: EAR WATER AND SEWER MAIN CONSTRUCTION IN IN INDIC LARGE.   | REINFORCED CONCRETE SEWER PIPE   | ASTM C-76<br>ASTM A-74                                 | ASTM C-443<br>ASTM C-564   | APPROVED EROSION AND SEDIMENT CONTROL PLAN.<br>2. EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PR   |
| ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT SS) FOR ALL IMPROVEMENTS EXCEPT SANITARY<br>SEWER AND WATER MAIN CONSTRUCTION;<br>* STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST<br>EDITION (SSWS) FOR SANITARY SEWER AND WATER MAIN CONSTRUCTION;<br>* THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO (MWRD) WATERSHED<br>MANAGEMENT ORDINANCE AND TECHNICAL GUIDANCE MANUAL;<br>* IN CASE OF CONFLICT BETWEEN THE APPLICABLE ORDINANCES NOTED, THE MORE STRINGENT SHALL TAKE<br>PRECEDENCE AND SHALL CONTROL ALL CONSTRUCTION. | DUCTILE IRON PIPE  | ANSI A21.51  | ANSI A21.11  | DISTURBANCE OF THE SITE.  |
| <ul> <li>* IN CASE OF CONFLICT BETWEEN THE APPLICABLE ORDINANCES NOTED, THE MORE STRINGENT SHALL TAKE<br/>PRECEDENCE AND SHALL CONTROL ALL CONSTRUCTION.</li> </ul>   | POLYVINYL CHLORIDE (PVC) PIPE<br>6-INCH TO 15-INCH DIAMETER SDR 26   | ASTM D-3034  | ASTM D-3212  | 3. ALL DESIGN CRITERIA, SPECIFICATIONS, AND INSTALLATION OF EROSION<br>PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUA   |
|   | 18-INCH TO 27-INCH DIAMETER F/DY=4   | 6 ASTM F-679   | ASTM D-3212  | <ol> <li>A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHAL<br/>SITE AT ALL TIMES.</li> </ol>  |
| B. NOTIFICATIONS 1. THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING   | HIGH DENSITY POLYETHYLENE (HDPE)<br>WATER MAIN QUALITY PVC   | ASTM D-3350<br>ASTM D-3035                             | ASTM D-3261,F-2620 (HEAT FUSION)<br>ASTM D-3212,F-477 (GASKETED)   | 5. INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMU<br>a) UPON COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL N  |
| DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (CALL 708-588-4055).   | 4-INCH TO 36-INCH<br>4-INCH TO 12-INCH   | ASTM D-2241<br>AWWA C900                               | ASTM D-3139<br>ASTM D-3139   | SOIL DISTURBANCE,<br>b) ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF   |
| 2. THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND PUBLIC MUST BE NOTIFIED AT LEAST 24 HOURS<br>PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO EACH PHASE OF WORK. CONTRACTOR SHALL<br>DETERMINE ITEMS REQUIRING INSPECTION PRIOR TO START OF CONSTRUCTION OR EACH WORK PHASE.   | 14-INCH TO 48-INCH   | AWWA C905  | ASTM D-3139  | WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT   |
| 3. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION FOR THE  | THE FOLLOWING MATERIALS ARE ALLOW<br>APPROVAL PRIOR TO PERMIT ISSUANCE.<br>THE PIPE MATERIAL BELOW IS USED FOR | A SPECIAL CONDITION WI                                 | LL BE ADDED TO THE PERMIT WHEN   | 6. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MIN<br>IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE I<br>SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL I           |
| EXACT LOCATIONS OF UTILITIES AND FOR THEIR PROTECTION DURING CONSTRUCTION, IF EXISTING<br>UTILITIES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, IMMEDIATELY<br>NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED CALL J.U.L.IE. AT 1-800-892-0123.  |  | CONSTRUCTION Q   | KA CONNECTION IS PADE.   | 7. A STABILIZED MAT OF CRUSHED STONE MEETING THE STANDARDS OF TH<br>SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING  |
| C. GENERAL NOTES  | PIPE MATERIAL<br>POLYPROPYLENE (PP) PIPE   | PIPE SPECIFICATIONS                                    | JOINT SPECIFICATIONS   | SITEL SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY<br>AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUM  |
| 1. ALL ELEVATIONS SHOWN ON PLANS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).  | 12-INCH TO 24-INCH DOUBLE WALL   | ASTM F-2736  | D-3212, F-477  | TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA,   |
| 2. MWRD, THE MUNICIPALITY AND THE OWNER OR OWNER'S REPRESENTATIVE SHALL HAVE THE AUTHORITY TO<br>INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.  | 30-INCH TO 60-INCH TRIPLE WALL   | ASTM F-2764  | 03212, F-477   | <ol> <li>CONCRETE WASHOUT FACTLITTES SHALL BE CONSTRUCTED IN ACCORDAN<br/>URBAN MANUAL AND SHALL BE INSTALLED PRIOR TO ANY ON SITE CONST<br/>CONCRETE.</li> </ol>   |
| 3. THE CONTRACTOR(S) SHALL INDEMNIFY THE OWNER, ENGINEER, MUNICIPALITY, MWRD, AND THEIR AGENTS,<br>ETC., FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, OR TESTING OF THIS WORK<br>ON THE PROJECT.  |  |  |  | 9. MORTAR WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ADDITION TO<br>FACILITIES FOR ANY BRICK AND MORTAR BUILDING ENVELOPE CONSTRU   |
| 4. THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS   | 8. ALL SANITARY SEWER CONSTRUCTION   | AND STORM SEWER CON                                    | STRUCTION IN COMBINED SEWER AREAS),<br>IN MINIMUM BEDDING THICKNESS EQUAL                                | 10. TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO D<br>HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TI   |
| AS APPROVED BY MWRD AND THE MUNICIPALITY UNLESS CHANGES ARE APPROVED BY MWRD, THE<br>MUNICIPALITY, OR AUTHORIZED AGENT. THE CONSTRUCTION DETAILS, AS PRESENTED ON THE PLANS, MUST   | TO ¼ THE OUTSIDE DIAMETER OF TH<br>THAN EIGHT (8) INCHES, MATERIAL S   | IE SEWER PIPE, BUT NOT LI<br>HALL BE CA-7, CA-11 OR CA | SS THAN FOUR (4) INCHES NOR MORE<br>-13 AND SHALL BE EXTENDED AT LEAST 12"                               | CONTROL FACILITIES SHALL, NOT BE USED AS TEMPORARY SEDIMENT BA  |
| BE FOLLOWED. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED ON THE IMPROVEMENTS<br>INDICATED ON THE PLANS.<br>5. THE LOCATION OF VARIOUS UNDERGROUND UTILITIES WHICH ARE SHOWN ON THE PLANS ARE FOR  | ABOVE THE TOP OF THE PIPE WHEN I<br>9. NON-SHEAR FLEXIBLE-TYPE COUPLING  |  | CONNECTION OF SEWER PIPES  | <ol> <li>DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAT<br/>PERMANENTLY CEASED SHALL BE STABILIZED WITH TEMPORARY OR PER<br/>SEVEN (7) DAYS.</li> </ol>  |
| INFORMATION ONLY AND REPRESENT THE BEST KNOWLEDGE OF THE ENGINEER. VERIFY LOCATIONS AND ELEVATIONS PRIOR TO BEGINNING THE CONSTRUCTION OPERATIONS.  | OF DISSIMILAR PIPE MATERIALS.<br>10. ALL MANHOLES SHALL BE PROVIDED  | WITH BOLTED. WATERTIG                                  | IT COVERS, SANITARY LIDS SHALL BE  | <ol> <li>ALL FLOOD PROTECTION AREAS AND VOLUME CONTROL FACILITIES SHAL<br/>PROTECTED WITH A DOUBLE-ROW OF SILT FENCE (OR EQUIVALENT).</li> </ol>  |
| 6. ANY EXISTING PAVEMENT, SIDEWALK, DRIVEWAY, ETC., DAMAGED DURING CONSTRUCTION OPERATIONS<br>AND NOT CALLED FOR TO BE REMOVED SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.  | CONSTRUCTED WITH A CONCEALED<br>CAST INTO THE LID.   | PICKHOLE AND WATERTIGH                                 | IT GASKET WITH THE WORD "SANITARY"   | 14. VOLUME CONTROL FACILITIES SHALL NOT BE CONSTRUCTED UNTIL ALL<br>DRAINAGE AREA HAS BEEN STABILIZED.  |
| <ol> <li>MATERIAL AND COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS<br/>OF THE MUNICIPALITY, MYRD, AND OWNER.</li> </ol>  | 11. WHEN CONNECTING TO AN EXISTING<br>AN EXISTING MANHOLE, ONE OF TH<br>a) & CIRCULAR SAW-CUT OF SEWE          | E FOLLOWING METHODS SH                                 | THER THAN AN EXISTING WYE, TEE, OR<br>IALL BE USED:<br>["SHEWER-TAP" MACHINE OR SIMILAR)                 | <ol> <li>SOIL STOCKPILES SHALL, AT A MINIMUM, BE PROTECTED WITH PERIME<br/>SOIL STOCKPILES SHALL NOT BE PLACED IN FLOOD PROTECTION AREAS</li> </ol>   |
| <ol> <li>THE UNDERGROUND CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO NOTIFY ALL<br/>INSPECTION AGENCIES.</li> </ol>   | AND PROPER INSTALLATION OF<br>b) REMOVE AN ENTIRE SECTION O  | HUBWYE SADDLE OR HUB-<br>F PIPE (BREAKING ONLY TH      | E TOP OF ONE BELL) AND REPLACE WITH  | 16. EARTHEN EMBANKMENT SIDE SLOPES SHALL BE STABILIZED WITH APPR<br>BLANKET.  |
| ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS DISTURBED DURING CONSTRUCTION  | A WYE OR TEE BRANCH SECTIO<br>c) WITH PIPE CUTTER, NEATLY AN<br>OF PROPER FITTING, USING "BA                   | D ACCURATELY CUT OUT DE                                | SIRED LENGTH OF PIPE FOR INSERTION<br>PLINGS TO HOLD IT FIRMLY IN PLACE.                                 | 17. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRU   |
| SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION.<br>RECORD DRAWINGS SHALL BE KEPT BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AS SOON AS  | 12. WHENEVER A SANITARY/COMBINED   | SEWER CROSSES UNDER A                                  | WATERMAIN, THE MINIMUM VERTICAL  | BY APPROPRIATE SEDIMENT CONTROL MEASURES.<br>18. THE CONTRACTOR SHALL EITHER REMOVE OR REPLACE ANY EXISTING D   |
| UNDERGROUND IMPROVEMENTS ARE COMPLETED, FINAL PAYMENTS TO THE CONTRACTOR SHALL BE HELD<br>UNTIL THEY ARE RECEIVED, ANY CHANGES IN LENGTH, LOCATION OR ALIGNMENT SHALL BE SHOWN IN RED.  | FURTHERMORE, A MINIMUM HORIZO<br>SEWERS AND WATERMAINS SHALL, B  | NTAL DISTANCE OF 10 FEE                                | THE WATERMAIN SHALL BE 18 INCHES.<br>F BETWEEN SANITARY/COMBINED<br>E SEWER IS LAID IN A SEPARATE        | THEM INTO THE DRAINAGE PLAN FOR THE DEVELOPMENT. DRAIN TILES<br>SANITARY OR COMBINED SEWER. DRAIN TILES ALLOWED IN COMBINE<br>GREEN INFRASTRUCTURE PRACTICES.   |
| ALL WYES OR BENDS SHALL BE LOCATED FROM THE DOWNSTREAM MANHOLE. ALL VALVES, B-BOXES, TEES<br>OR BENDS SHALL BE TIED TO A FIRE HYDRANT.  | TRENCH, KEEPING A MINIMUM 18" V<br>TRENCH WITH THE WATERMAIN LOC   | ERTICAL SEPARATION; OR<br>ATED AT THE OPPOSITE SI      | THE SEWER IS LAID IN THE SAME<br>DE ON A BENCH OF UNDISTURBED  |   |
| D SANITARY SEWED  | EARTH, KEEPING A MINIMUM 18" VE<br>DISTANCES DESCRIBED CANNOT BE<br>THE SEWER SHALL BE CONSTRUCTED             | MAINTAINED, OR THE SEW                                 | THER THE VERTICAL OR MORIZONTAL<br>ER CROSSES ABOVE THE WATER MAIN,<br>RDS OR IT SHALL BE ENCASED WITH A | <ol> <li>IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DIS<br/>BE PROTECTED FROM EROSION AND SEDIMENTATION. DEWATERING SY<br/>DAILY DURING OPERATIONAL PERIODS. THE SITE INSPECTOR MUST BE</li> </ol> |
| 2. SANTARY SEVER<br>THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT ANY POLLUTED WATER, SUCH AS GROUND AND<br>SURFACE WATER, FROM ENTERING THE EXISTING SANITARY SEWERS.  | WATER MAIN QUALITY CARRIER PIP   | WITH THE ENDS SEALED.                                  |  | COMMENCEMENT OF DEWATERING ACTIVITIES,  |
| A WATER-TIGHT PLUG SHALL BE INSTALLED IN THE DOWNSTREAM SEWER PIPE AT THE POINT OF SEWER CONNECTION THE PLUG SHALL REMAIN IN PLACE  | 13. ALL EXISTING SEPTIC SYSTEMS SHAI<br>GRANULAR MATERIAL OR REMOVED,  | II. BE ABANDONED. ABANDO                               | INED TANKS SHALL BE FILLED WITH  | <ol> <li>THE CONTRCTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AN<br/>INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERMAINS A<br/>AND OTHER APPURTENANCES, ANY TRENCH DEWATERING, WHICH CON</li> </ol>     |
| UNTIL REMOVAL IS AUTHORIZED BY THE MUNICIPALITY AND/OR MWRD AFTER THE SEWERS HAVE BEEN<br>TESTED AND ACCEPTED.  | 14. ALL SANITARY MANHOLES, (AND STO<br>MINIMUM INSIDE DIAMETER OF 48 I<br>CONCRETE.                            | ORM MANHOLES IN COMBIN<br>NCHES, AND SHALL BE CAS      | ED SEWER AREAS), SHALL HAVE A<br>I IN PLACE OR PRE-CAST REINFORCED                                       | THROUGH A SEDIMENT SETTLING POND OR EQUALLY EFFECTIVE SEDIM<br>ALTERNATIVES MAY INCLUDE DEWATERING INTO A SUMP PIT, FILTER B<br>UPSLOPE AREA. SEDIMENT LADEN WATERS SHALL NOT BE DISCHARGE 1                      |
| I. DISCHARGING ANY UNPOLLUTED WATER INTO THE SANITARY SEWER SYSTEM FOR THE PURPOSE OF<br>SEWER RUSHING OF LINES FOR THE DEFLECTION TEST SHALL BE PROHIBITED WITHOUT PRIOR APPROVAL<br>FROM THE MUNICIPALITY OR MWRD.  | 15. ALL SANITARY MANHOLES, (AND STO  |  |  | PROTECTION AREAS OR THE COMBINED SEWER SYSTEM,<br>21. ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED W  |
| ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS   | PRECAST "RUBBER BOOTS" THAT CO<br>SECTIONS SHALL CONSIST OF MODI   | FIED GROOVE TONGUE AND                                 | RUBBER GASKET TYPE JOINTS.   | FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.<br>22. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAIN  |
| FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (LATEST EDITION).   | 16. ALL ABANDONED SANITARY SEWERS<br>NON-SHRINK CONCRETE OR MORTAL   | R PLUG.  |  | ON A YEAR-ROUND BASIS DURING CONSTRUCTION AND ANY PERIODS O<br>UNTIL PERMANENT STABILIZATION IS ACHIEVED.   |
| <ol> <li>ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER SYSTEM.</li> <li>ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE TO THE STORM SEWER SYSTEM.</li> </ol>  | ASSOCIATED WITH VOLUME CONTRO  | DL FACILITIES, DRAIN TILES                             | TECT BUILDINGS, OR PERFORATED PIPES  | 23. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL I<br>THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.   |
| 7. ALL SANITARY SEWER PIPE MATERIALS AND JOINTS (AND STORM SEWER PIPE MATERIALS AND JOINTS  | SEWERS, OR STORM SEWERS TRIBU  | TARY TO COMBINED SEWER                                 | Y TO COMBINED SEWERS, SANITARY<br>IS IN COMBINED SEWER AREAS.<br>FED; AND ALL EXISTING DRAIN TILES AND   | 24. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLA<br>REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECT  |
| IN A COMBINED SEWER AREA) SHALL CONFORM TO THE FOLLOWING:   | PERFORATED PIPES ENCOUNTERED<br>SHALL NOT BE CONNECTED TO COM  | WITHIN THE PROJECT AREA                                | SHALL BE PLUGGED OR REMOVED, AND<br>SEWERS, OR STORM SEWERS TRIBUTARY                                    | SITE INSPECTOR, OR MWRD.  |
|   | TO COMBINED SEWERS.  | ED FOR ALL DETENTION 84                                | SINS TRIBUTARY TO COMBINED SEWERS.   |   |
|   | REQUIRED BACKFLOW PREVENTERS<br>OWNER TO ENSURE PROPER OPERA   | SHALL BE INSPECTED AND<br>TION, AND ANY NECESSARY      | EXERCISED ANNUALLY BY THE PROPERTY<br>MAINTENANCES SHALL BE PERFORMED TO                                 |   |
|   |  | THE PERMITTEE SHALL ENS                                | GE INTO AN OPEN DETENTION BASIN<br>SURE THAT CLEAN UP AND WASH OUT OF<br>T.                              |   |
|   |  |  |  |   |
|   | (* )<br>(* )   |  |  |   |
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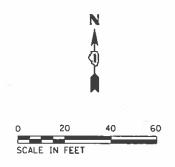
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| PLOT SCALE = 100.0000 / in. | CHECKED -  | REVISED - | DEPARTMENT OF TRANSPORTATION | i i i i i i i i i i i i i i i i i i i |       | MCCOF  | RMICK B | ۶L۱ |
| PLOT DATE = 12/13/2019      | DATE -     | REVISED - |                              | SCALE:                                | SHEET | OF     | SHEETS  | S   |

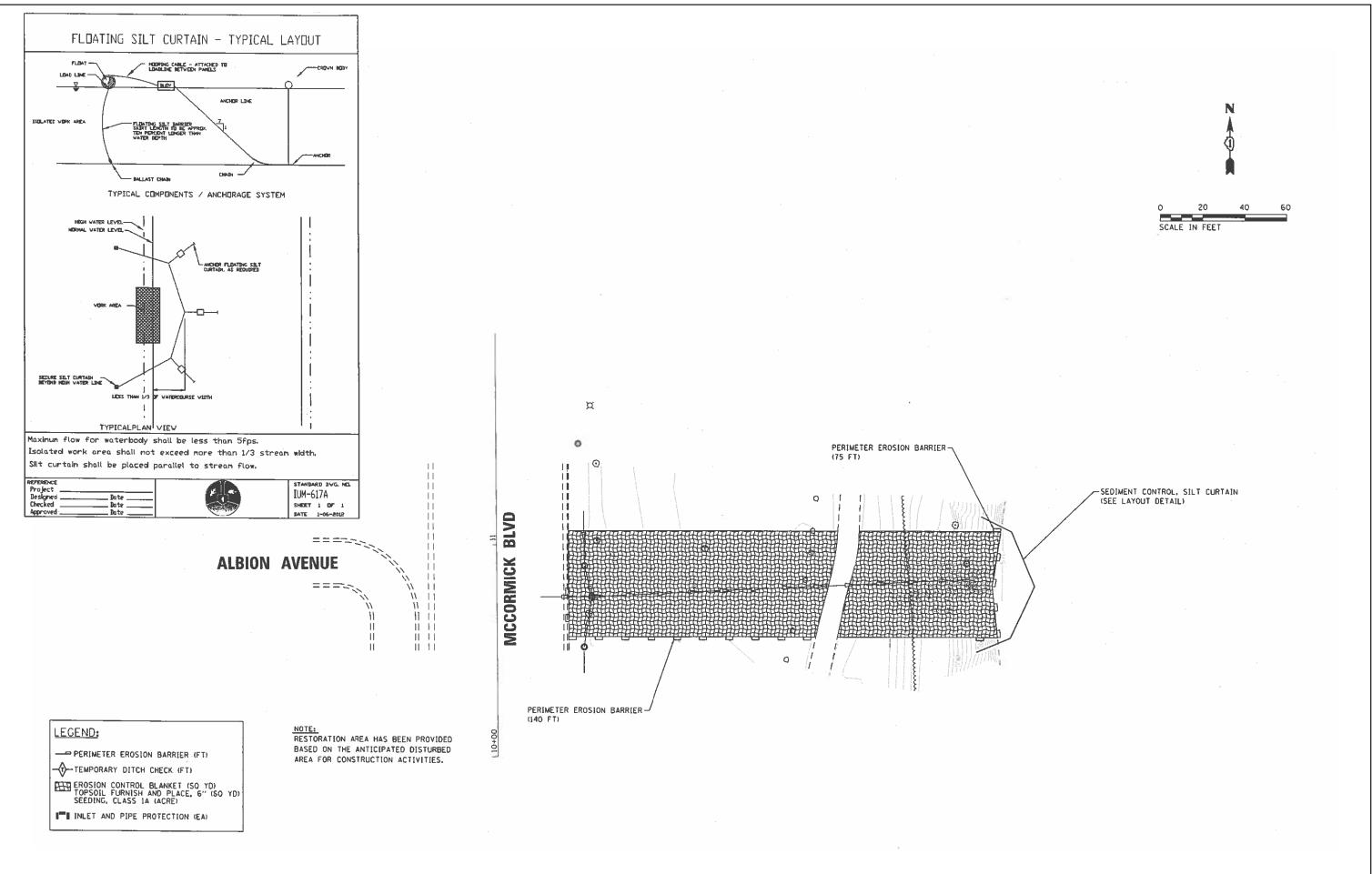
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| PLANS ARE THE MINIMUM<br>ECTED BY THE ENGINEER,   |   |              |   |        |   |       |                 |              |
| LL BE REMOVED WITHIN  |   |              |   |        |   |       |                 |              |
| s of construction shutdown  |   |              |   |        |   |       |                 |              |
| AINED AND REPAIRED AS NEEDED  |   |              |   |        |   |       |                 |              |
| WITHIN SEVEN (7) DAYS   |   |              |   |        |   |       |                 |              |
| R BAG OR EXISTING VEGETATED<br>SE TO WATERWAYS, FLOOD                                   |   |              |   |        |   |       |                 |              |
| IS AS WELL AS THEIR SERVICES<br>ONTAINS SEDIMENT SHALL PASS<br>DIMENT CONTROL DEVICE.   |   |              |   |        |   |       |                 |              |
| AND EXCAVATION FOR THE  |   |              |   |        |   |       |                 |              |
| SYSTEMS SHOULD BE INSPECTED<br>BE PRESENT AT THE  |   |              |   |        |   |       |                 |              |
| DISCHARGE LOCATIONS SHALL   |   |              |   |        |   |       |                 |              |
| NED SEWER AREA FOR  |   |              |   |        |   |       |                 |              |
| G DRAIN TILES AND INCORPORATE<br>LES CANNOT BE TRIBUTARY TO A                           |   |              |   |        |   |       |                 |              |
| TRUCTION SHALL BE PROTECTED   |   |              |   |        |   |       |                 |              |
| PROPRIATE EROSION CONTROL   |   |              |   |        |   |       |                 |              |
| EAS OR THEIR BUFFERS.   |   |              |   |        |   |       |                 |              |
| METER SEDIMENT CONTROLS.  |   |              |   |        |   |       |                 |              |
| LL OF THE CONTRIBUTING  |   |              |   |        |   |       |                 |              |
| HALL, AT A MINIMUM, BE  |   |              |   |        |   |       |                 |              |
| HAVE TEMPORARILY OR<br>PERMANENT MEASURES WITHIN  |   |              |   |        |   |       |                 |              |
| TRAP OR BASIN. VOLUME<br>BASINS.  |   |              |   |        |   |       |                 |              |
| DIRECT ALL RUNOFF FROM  |   |              |   |        |   |       |                 |              |
| TO CONCRETE WASHOUT<br>RUCTION ACTIVITIES.  |   |              |   |        |   |       |                 |              |
| DANCE WITH THE ILLINOIS<br>INSTRUCTION ACTIVITIES INVOLVING                             |   |              |   |        |   |       |                 |              |
|   |   |              |   |        |   |       |                 |              |
| NG OR LEAVING A CONSTRUCTION<br>WAY, STREET, ALLEY OR PARKING<br>UMULATIONS WARRANT AND |   |              |   |        |   |       |                 |              |
| OL MEASURES.<br>THE ILLINOIS URBAN MANUAL   |   |              |   |        |   |       |                 |              |
| MINIMIZE EROSION.<br>NE IN PHASES, THE CO-PERMITTEE                                     |   |              |   |        |   |       |                 |              |
| OF THE END OF A STORM EVENT<br>ENT PRECIPITATION.                                       |   |              |   |        |   |       |                 |              |
| IMUM:<br>DL MEASURES, PRIOR TO ANY  |   |              |   |        |   |       |                 |              |
| HALL BE MAINTAINED ON THE   |   |              |   |        |   |       |                 |              |
| ION AND SEDIMENT CONTROL<br>NUAL,   |   |              |   |        |   |       |                 |              |
|   |   |              |   |        |   |       |                 |              |
| PRIOR TO HYDROLOGIC   |   |              |   |        |   |       |                 |              |
| ROL DEVICES AS SHOWN ON THE   |   |              |   |        |   |       |                 |              |
|   |   |              |   |        |   |       |                 |              |

| ۱L | NUIES       | RTE. | 520      | 1011     |         | coonn     | SHEETS | NO.  |
|----|-------------|------|----------|----------|---------|-----------|--------|------|
| F  | BLVD.       | 378  | 2019-080 | -RS&SW   | 1       | СООК      | 51     | 13   |
| _  | JEVD.       |      |          |          |         | CONTRACT  | NO. 6  | 2J44 |
| S  | STA. TO STA |      |          | ILLINOIS | FED, AI | D PROJECT |        |      |
|    |             |      |          |          |         |           |        |      |



| USER NAME = alawnehab      | DESIGNED - | REVISED - |                              |                |       | DRA    | NAGE P  | LAN   |         | F.A.P<br>RTE | SECTION         | COUNTY      | TOTAL SHEET<br>SHEETS NO. |
|----------------------------|------------|-----------|------------------------------|----------------|-------|--------|---------|-------|---------|--------------|-----------------|-------------|---------------------------|
|                            | DRAWN -    | REVISED - | STATE OF ILLINOIS            |                |       | MCCO   | RMICK E |       |         | 378          | 2019-080-RS&SW  | СООК        | 51 14                     |
| PLOT SCALE = 100.0000 / in | CHECKED -  | REVISED - | DEPARTMENT OF TRANSPORTATION |                |       | INICCO |         | SLVD. |         |              |                 | CONTRACT    | NO. 62J44                 |
| PLOT DATE = 12/13/2019     | DATE -     | REVISED - |                              | SCALE: 1"= 20' | SHEET | OF     | SHEETS  | STA.  | TO STA. |              | ILLINOIS FED. / | AID PROJECT |                           |



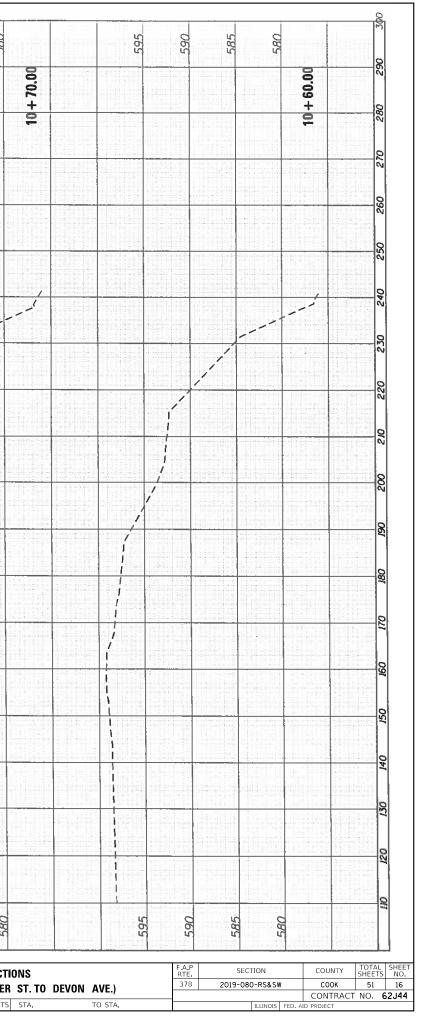


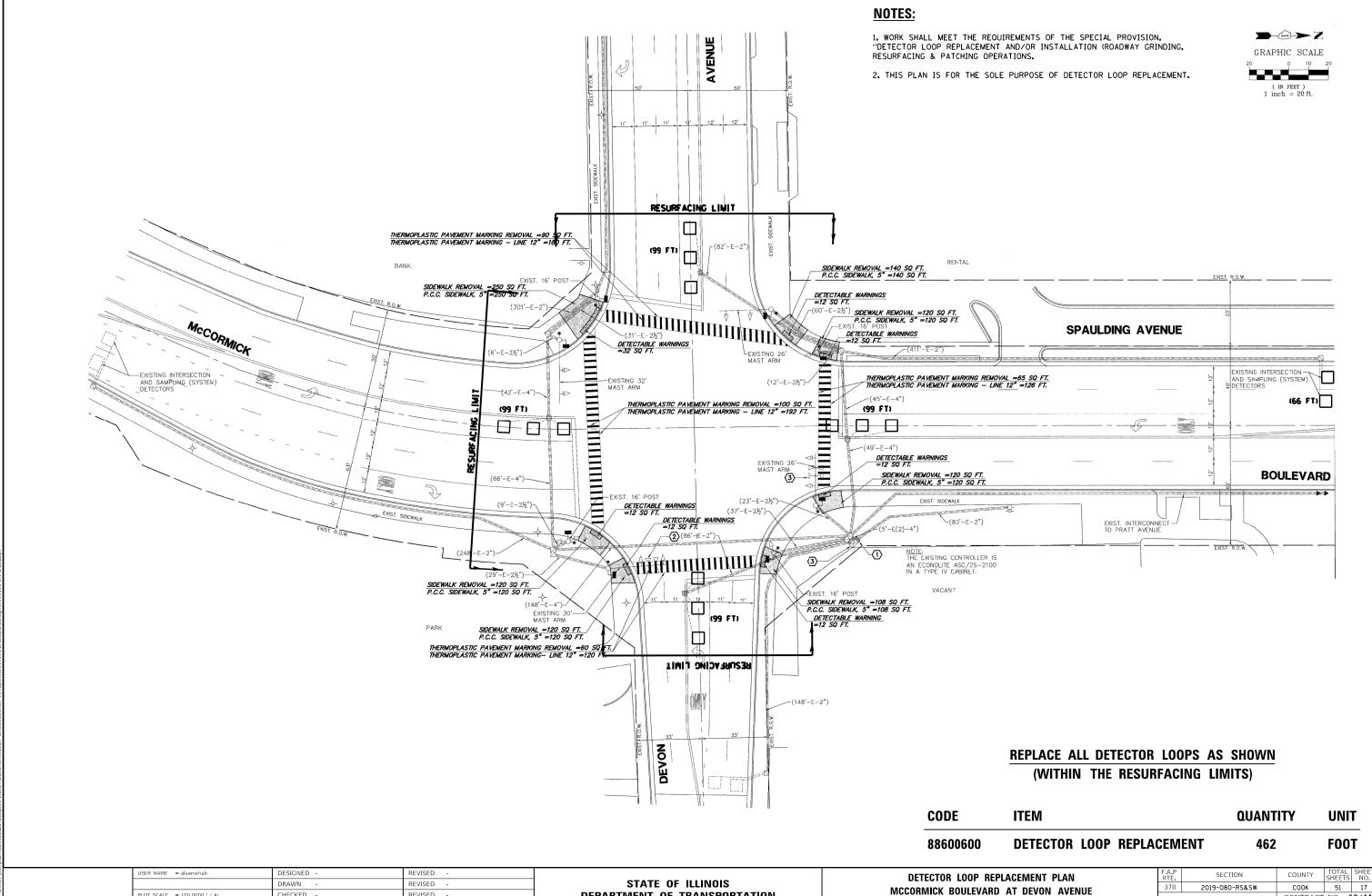
| Md  | - | USER NAME = alawnehab       | DESIGNED - | REVISED - |                              |                |       | EROSIO | N CONTROL PLAN |         | F A P<br>BTF | SECTION         | COUNTY      | TOTAL   | SHEET<br>NO. |
|-----|---|-----------------------------|------------|-----------|------------------------------|----------------|-------|--------|----------------|---------|--------------|-----------------|-------------|---------|--------------|
| AME | - |                             | DRAWN -    | REVISED - | STATE OF ILLINOIS            |                |       |        | ORMICK BLVD.   |         | 378          | 2019-080-RS&SW  | соок        | 51      | 15           |
| 2   | _ | PLOT SCALE = 100.0000 / in. | CHECKED -  | REVISED - | DEPARTMENT OF TRANSPORTATION |                |       | INICO  | UNIVIECK BLVD. |         |              |                 | CONTRACT    | T NO. 6 | 52J44        |
| Ĩ   |   | PLOT DATE = 12/13/2019      | DATE -     | REVISED - |                              | SCALE: 1"= 20' | SHEET | OF     | SHEETS STA.    | TO STA. |              | ILLINOIS FED. A | AID PROJECT |         |              |

10DEL: D

| 290 Mg   | 590  | <b>6</b><br>595                    | 590<br>585<br>580                   | 595<br>580<br>580                                 | 595<br>590<br>585<br>580              |
|--|--|------------------------------------|-------------------------------------|---|---------------------------------------|
| 580  |  | 11 + 00.00                         | 10+90.00                            | 10 + 80.00  |                                       |
| 530  |  |                                    |                                     |   |                                       |
| 560  |  |                                    |                                     |   |                                       |
| 250  |  |                                    |                                     |   |                                       |
| 240  |  |                                    |                                     |   |                                       |
| 530  |  |                                    |                                     |   |                                       |
| 0 22   |  |                                    |                                     |   |                                       |
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| 00<br>00<br>00<br>00                                 |  |                                    |                                     |   |                                       |
| 190  |  |                                    |                                     |   |                                       |
|  |  |                                    |                                     |   |                                       |
| (P)  |  |                                    |                                     |   |                                       |
| <i>B</i>   |  |                                    |                                     |   |                                       |
| 140<br>140<br>140<br>140<br>140<br>140<br>140<br>140 |  |                                    |                                     |   |                                       |
|  |  |                                    |                                     |   |                                       |
|  |  |                                    |                                     |   |                                       |
|  | 585  | 595                                | - 590<br>585<br>580                 | 595<br>585<br>580                                 | - 595<br>590<br>585<br>585            |
|  | USER NAME = alawnehab<br>PLOT SCALE = 100.0000 ' / in. | DESIGNED -<br>DRAWN -<br>CHECKED - | REVISED -<br>REVISED -<br>REVISED - | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION | CROSS SEC<br>MCCORMICK BLVD. (DEMPSTE |

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CONTRACT NO. 62J44

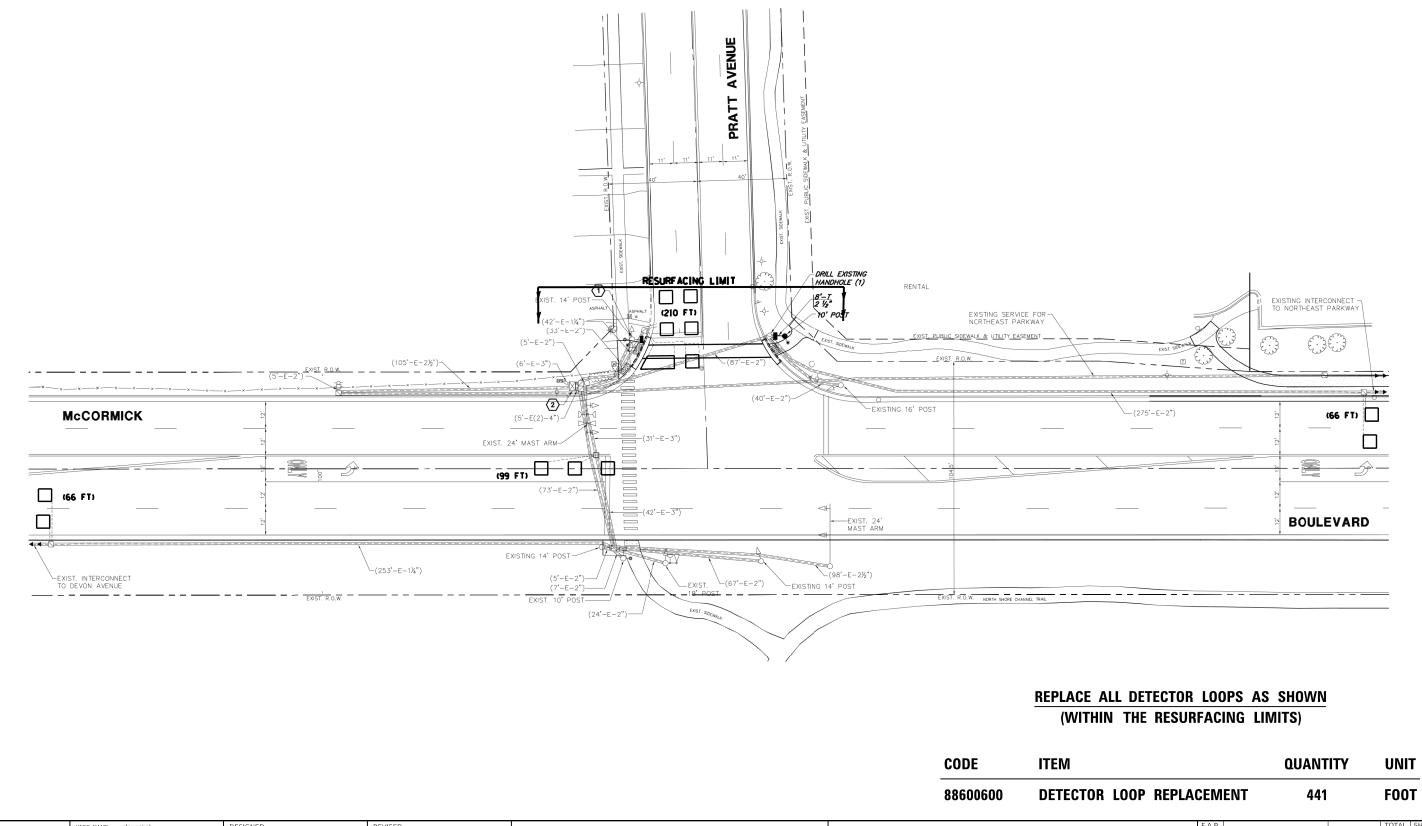
TO STA

| USER NAME = alawnehab         | DESIGNED -<br>DRAWN - | REVISED -<br>REVISED - | STATE OF ILLINOIS            | _              |           | R LOOP REP |         |
|-------------------------------|-----------------------|------------------------|------------------------------|----------------|-----------|------------|---------|
| PLOT SCALE = 100.0000 ' / in. | CHECKED -             | REVISED -              | DEPARTMENT OF TRANSPORTATION | N              | ICCORMICK | BOULEVARD  | AT DEVO |
| PLOT DATE = 12/13/2019        | DATE -                | REVISED -              |                              | SCALE: 1"= 50' | SHEET     | OF SHEE    | rs sta. |

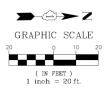
# NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS.

2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



| USER NAME = alawnehab       | DESIGNED -<br>DRAWN - | REVISED -<br>REVISED - | STATE OF ILLINOIS            |                | DETECTO   |       |        |
|-----------------------------|-----------------------|------------------------|------------------------------|----------------|-----------|-------|--------|
| PLOT SCALE = 100.0000 / in. | CHECKED -             | REVISED -              | DEPARTMENT OF TRANSPORTATION | N              | ICCORMICK | BUULE | VARD A |
| PLOT DATE = 12/13/2019      | DATE -                | REVISED -              |                              | SCALE: 1"= 50' | SHEET     | OF    | SHEETS |
|                             |                       |                        |                              |                |           | -     | -      |

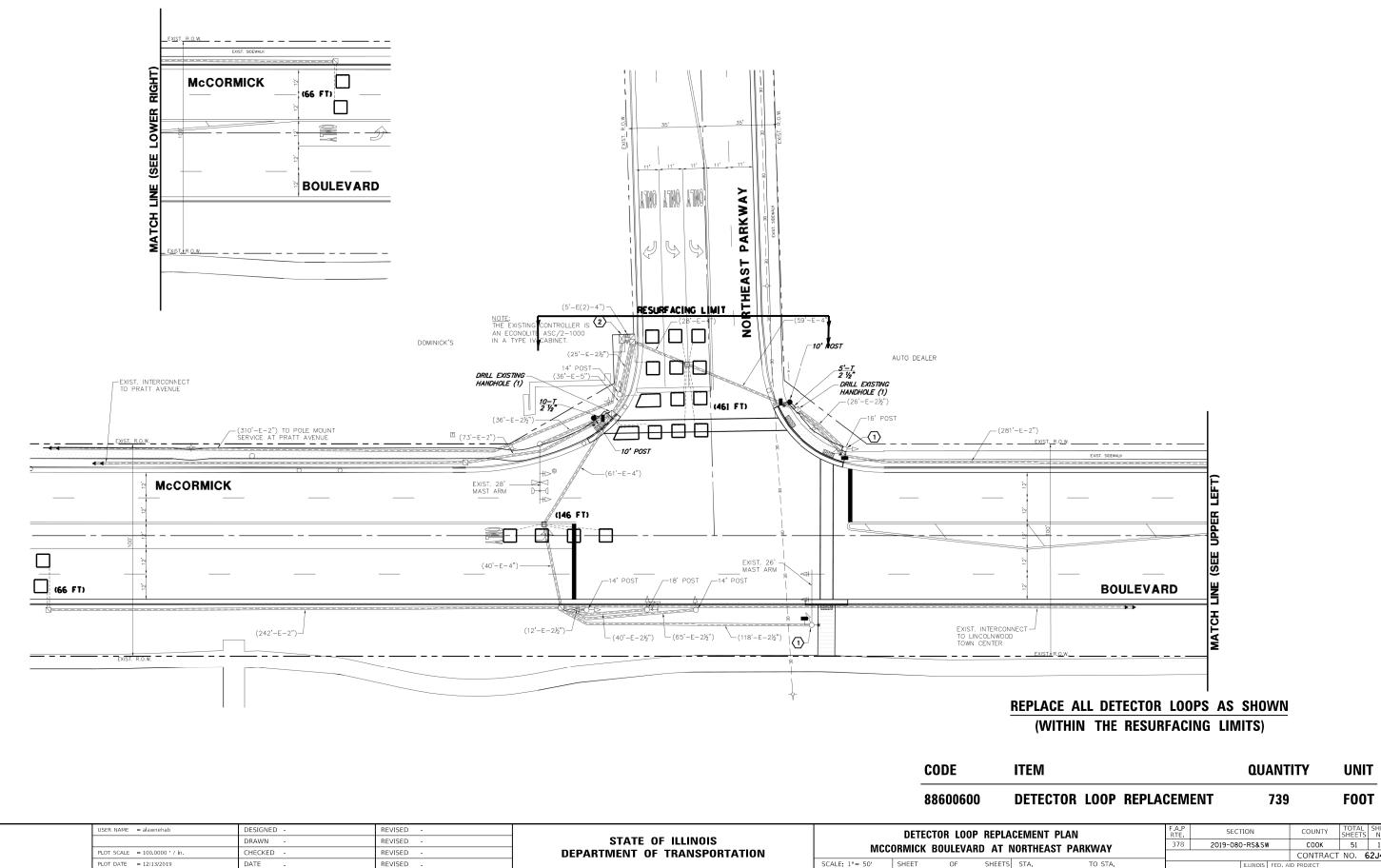


HEE NO. SECTION COUNTY LACEMENT PLAN SHEETS 2019-080-RS&SW СООК 51 18 378 AT PRATT AVENUE CONTRACT NO 62J44 S STA. TO STA.

# NOTES:

RESURFACING & PATCHING OPERATIONS.

2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



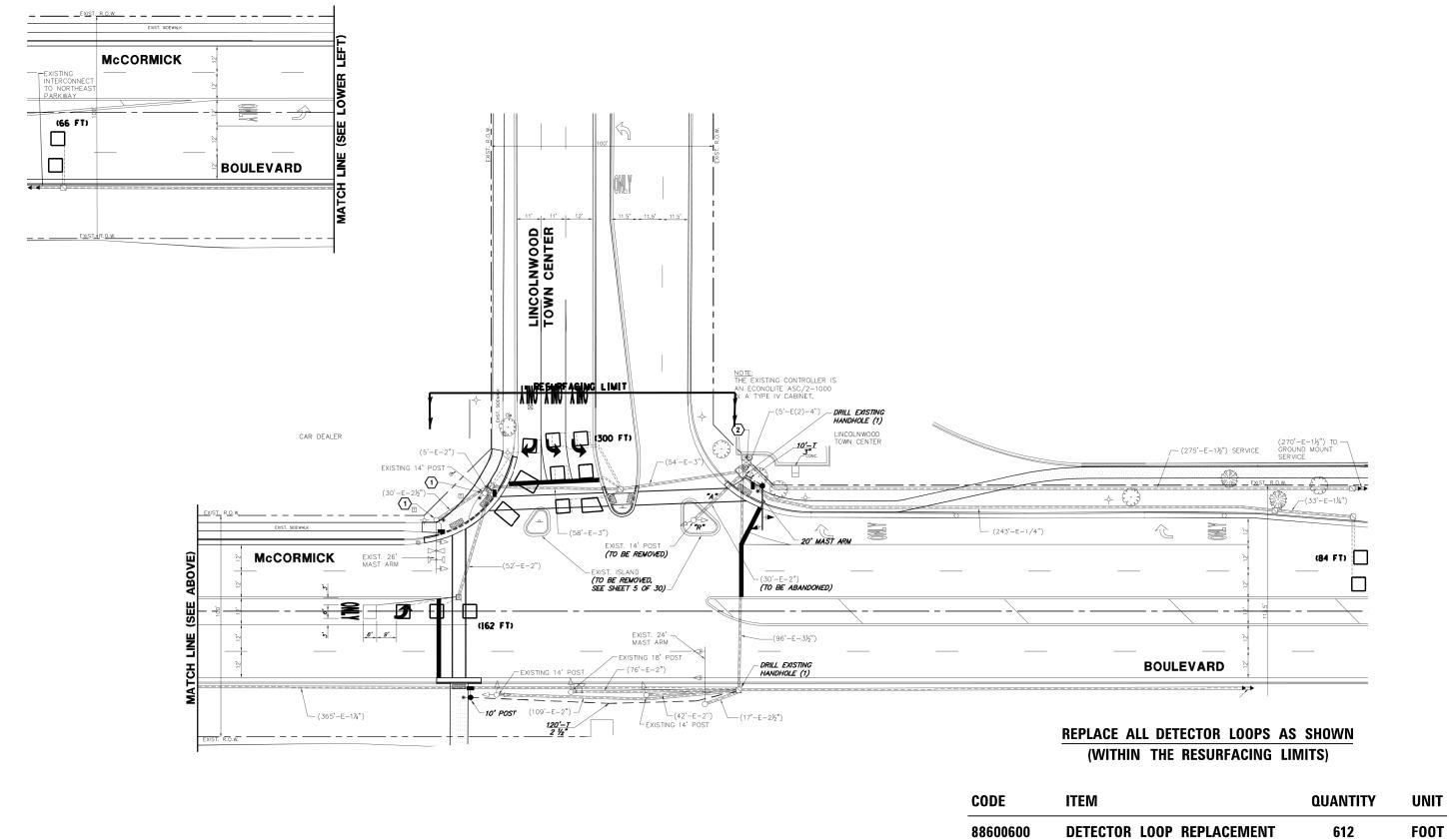
1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING,

|      | ÷       |       |    |
|------|---------|-------|----|
| GRAP | HIC :   | SCALI | Ŧ  |
| 20   | P       | 10    | 20 |
|      | IN FEET |       |    |

SHEE NO СООК 51 19 CONTRACT NO. 62J44 TO STA

# NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS.

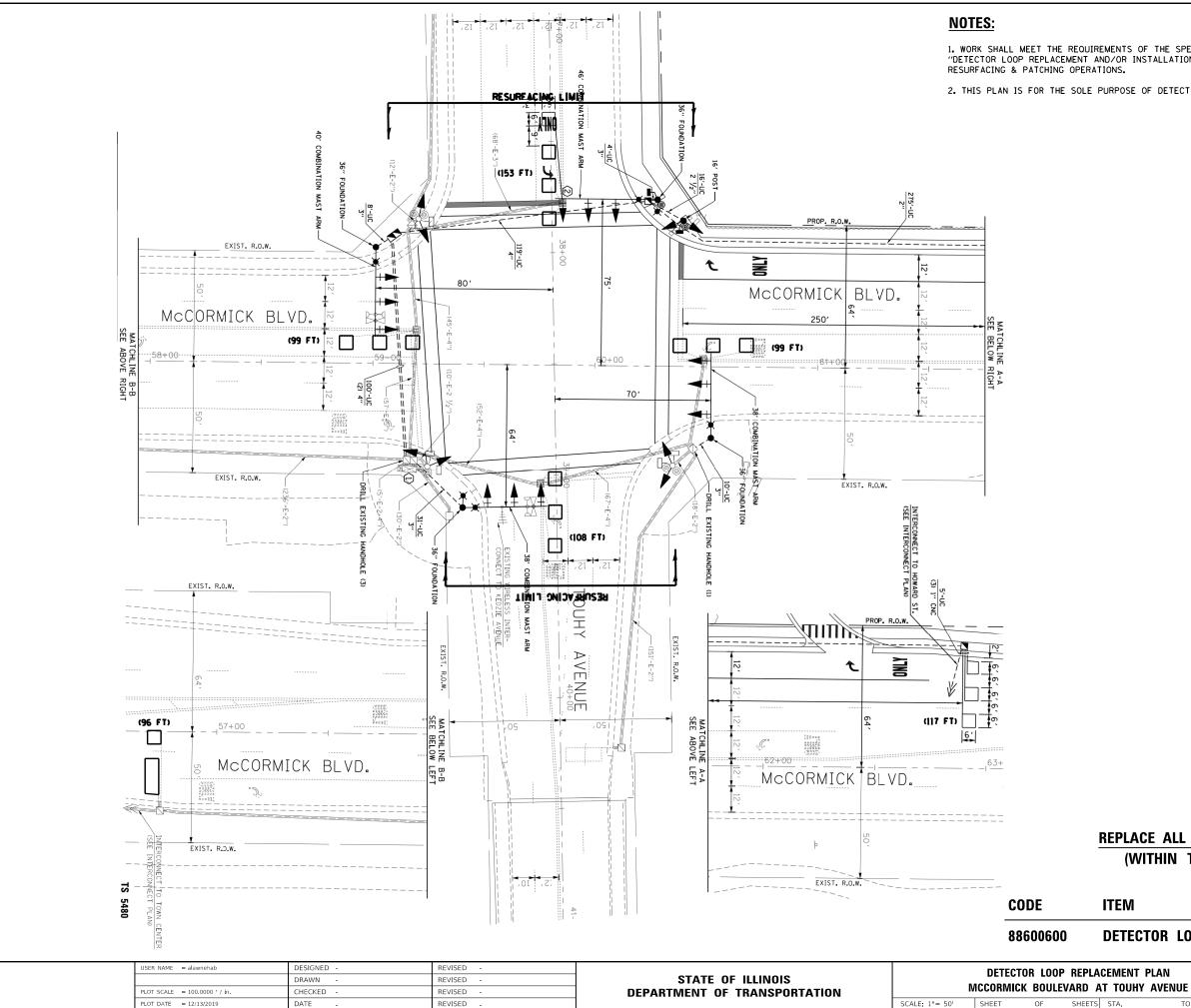


|                             | DESIGNED -<br>DRAWN - | REVISED -<br>REVISED - | STATE OF ILLINOIS            | MCCORM         | DETECTOR   |    | REPLA  |
|-----------------------------|-----------------------|------------------------|------------------------------|----------------|------------|----|--------|
| PLOT SCALE = 100.0000 / in. | CHECKED -             | REVISED -              | DEPARTMENT OF TRANSPORTATION | Meeenim        | ION DOULLY |    |        |
| PLOT DATE = 12/13/2019      | DATE -                | REVISED -              |                              | SCALE: 1"= 50' | SHEET      | OF | SHEETS |

**D**-⊖→Z GRAPHIC SCALE ( IN FEET )1 inch = 20 ft.

2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

### HEE NO. SECTION COUNTY LACEMENT PLAN HEETS СООК 51 20 378 2019-080-RS&SW ICOLNWOOD TOWN CENTER CONTRACT NO. 62J44 TS STA. TO STA.



1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING,

2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

# **REPLACE ALL DETECTOR LOOPS AS SHOWN** (WITHIN THE RESURFACING LIMITS)

### ITEM

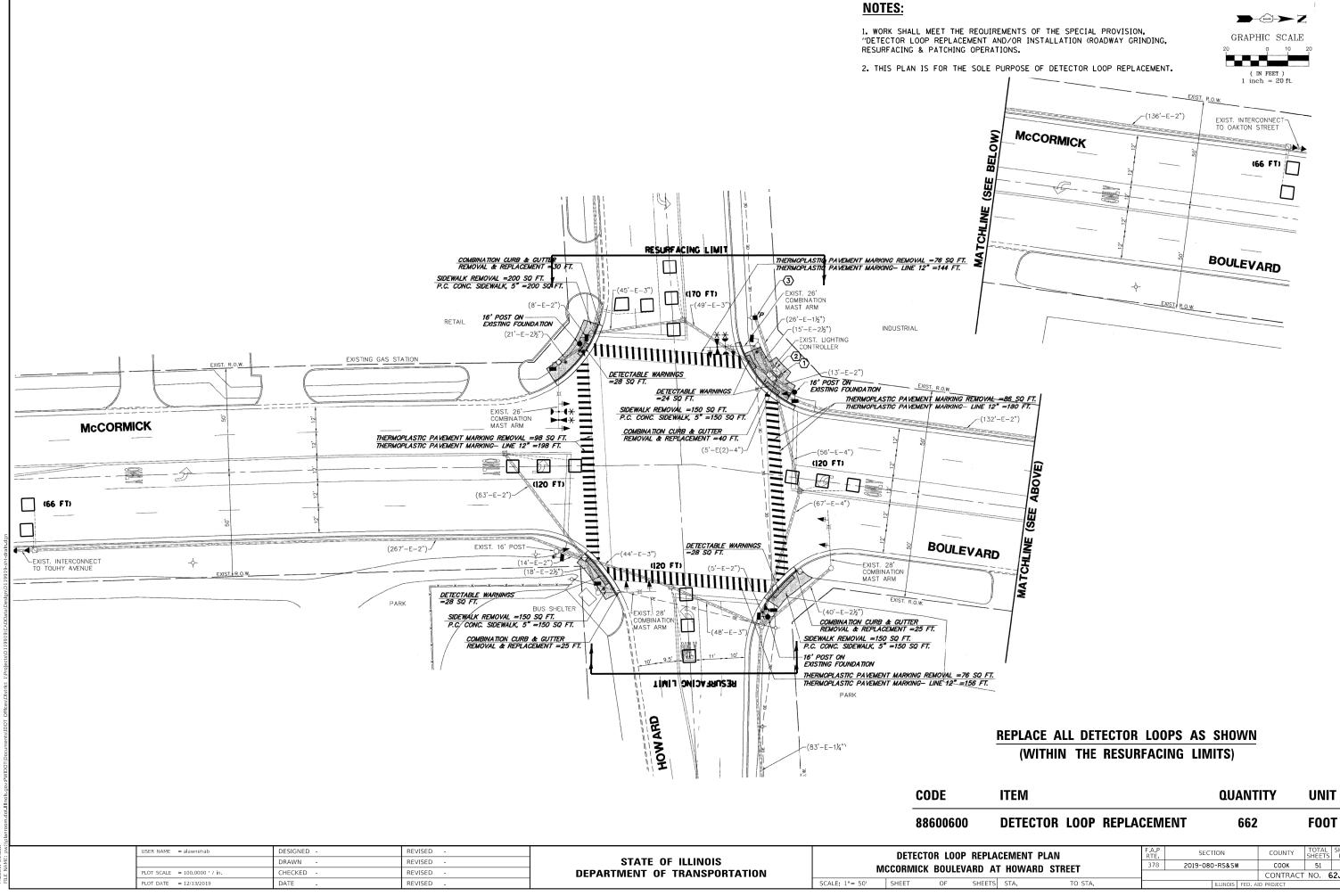
### QUANTITY

672

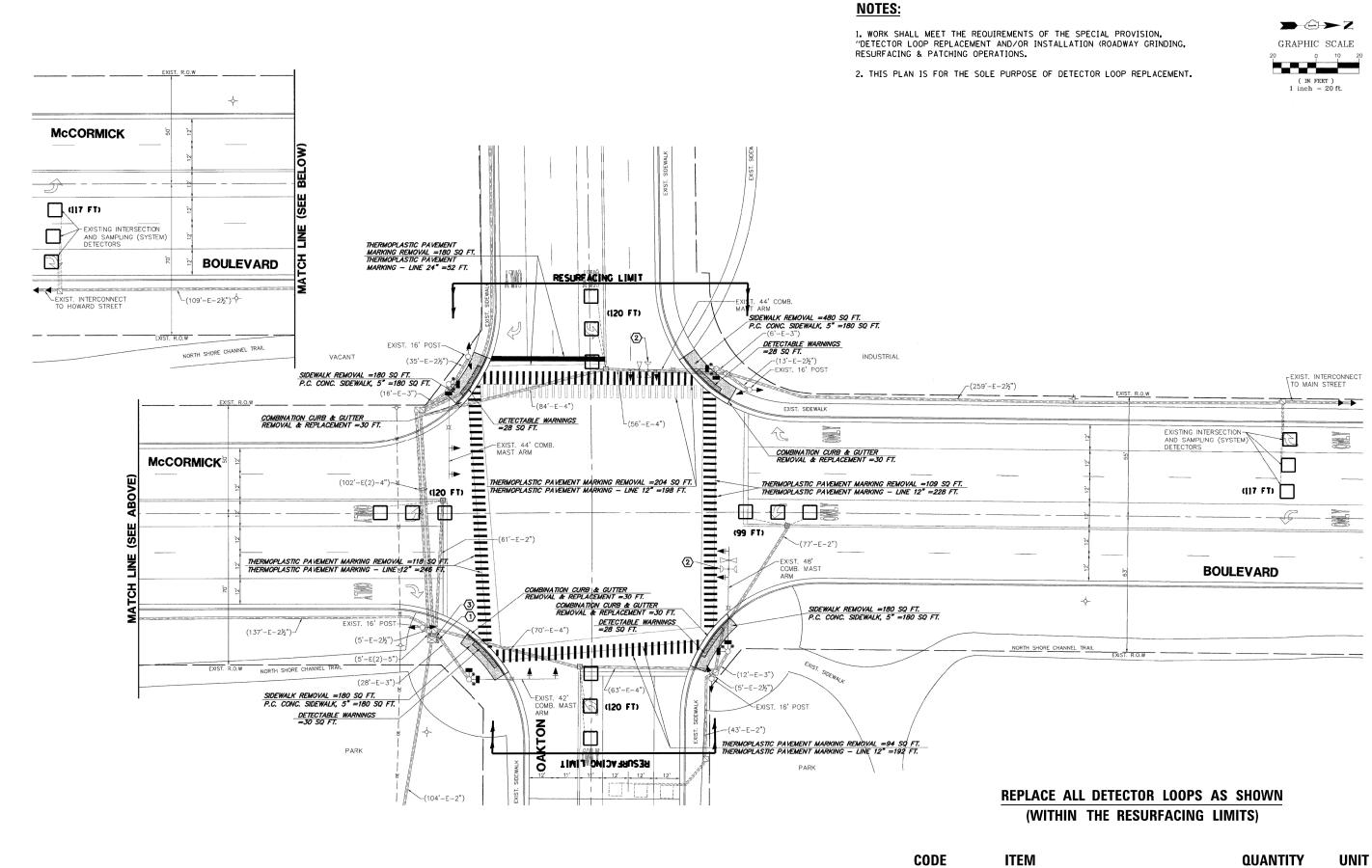
# UNIT FOOT

# **DETECTOR LOOP REPLACEMENT**

SECTION COUNTY HEETS NO 2019-080-RS&SW СООК 51 21 378 CONTRACT NO. 62J44 TO STA.

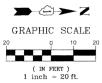


NO HEETS 51 22 CONTRACT NO 62J44



88600600

| USER NAME = alawnehab         | DESIGNED - | REVISED - |                              |                | DETECTO   |        | REPLAC |
|-------------------------------|------------|-----------|------------------------------|----------------|-----------|--------|--------|
|                               | DRAWN -    | REVISED - | STATE OF ILLINOIS            |                |           |        |        |
| PLOT SCALE = 100.0000 ' / in. | CHECKED -  | REVISED - | DEPARTMENT OF TRANSPORTATION | IVI            | ICCORMICK | ROOLE/ | AKD AI |
| PLOT DATE = 12/13/2019        | DATE -     | REVISED - |                              | SCALE: 1"= 50' | SHEET     | OF     | SHEETS |

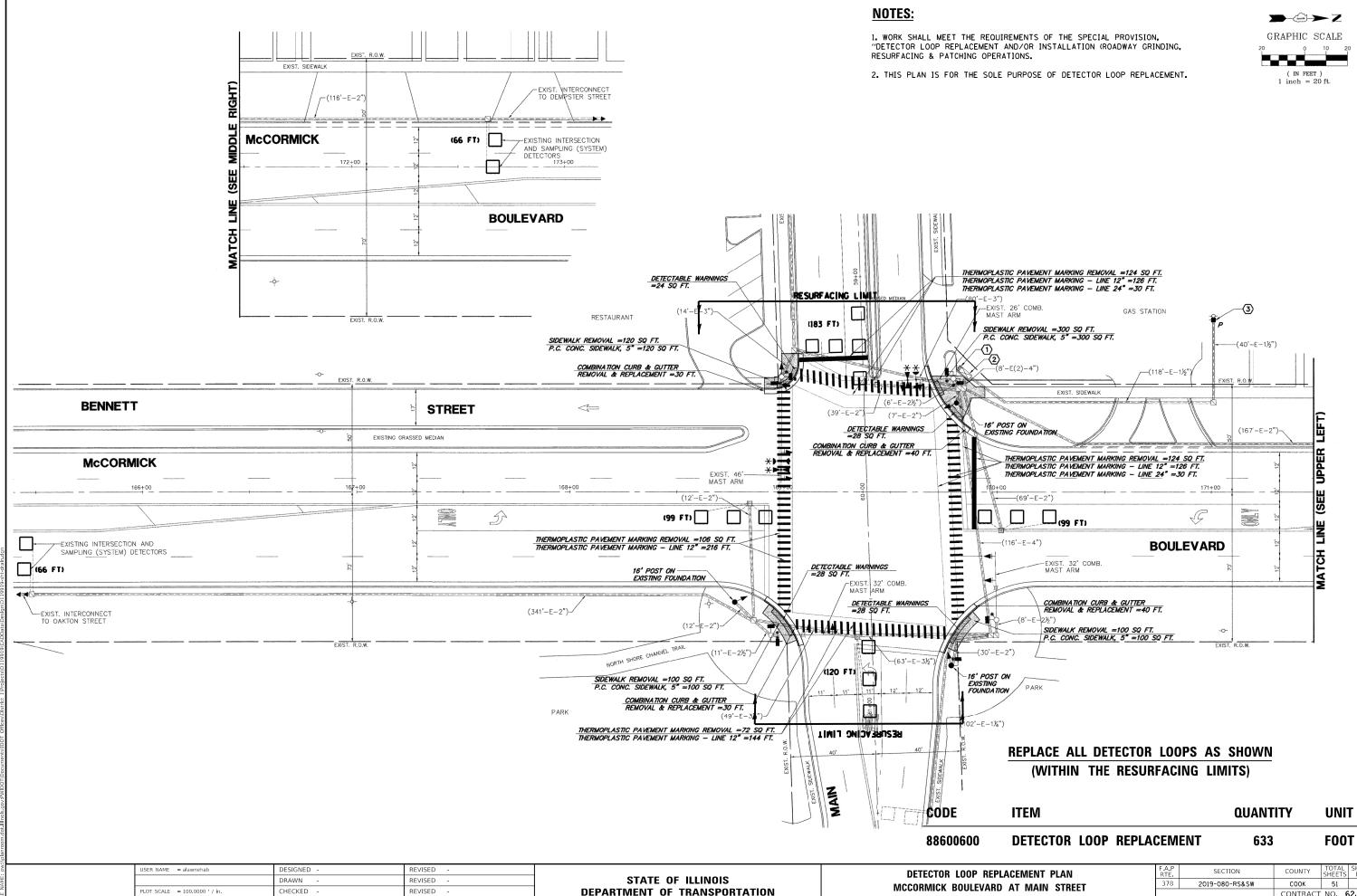


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FOOT

### **DETECTOR LOOP REPLACEMENT**

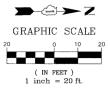
SECTION COUNTY ACEMENT PLAN HEETS NO 378 2019-080-RS&SW COOK 51 23 AT OAKTON STREET CONTRACT NO 62J44 STA. TO STA



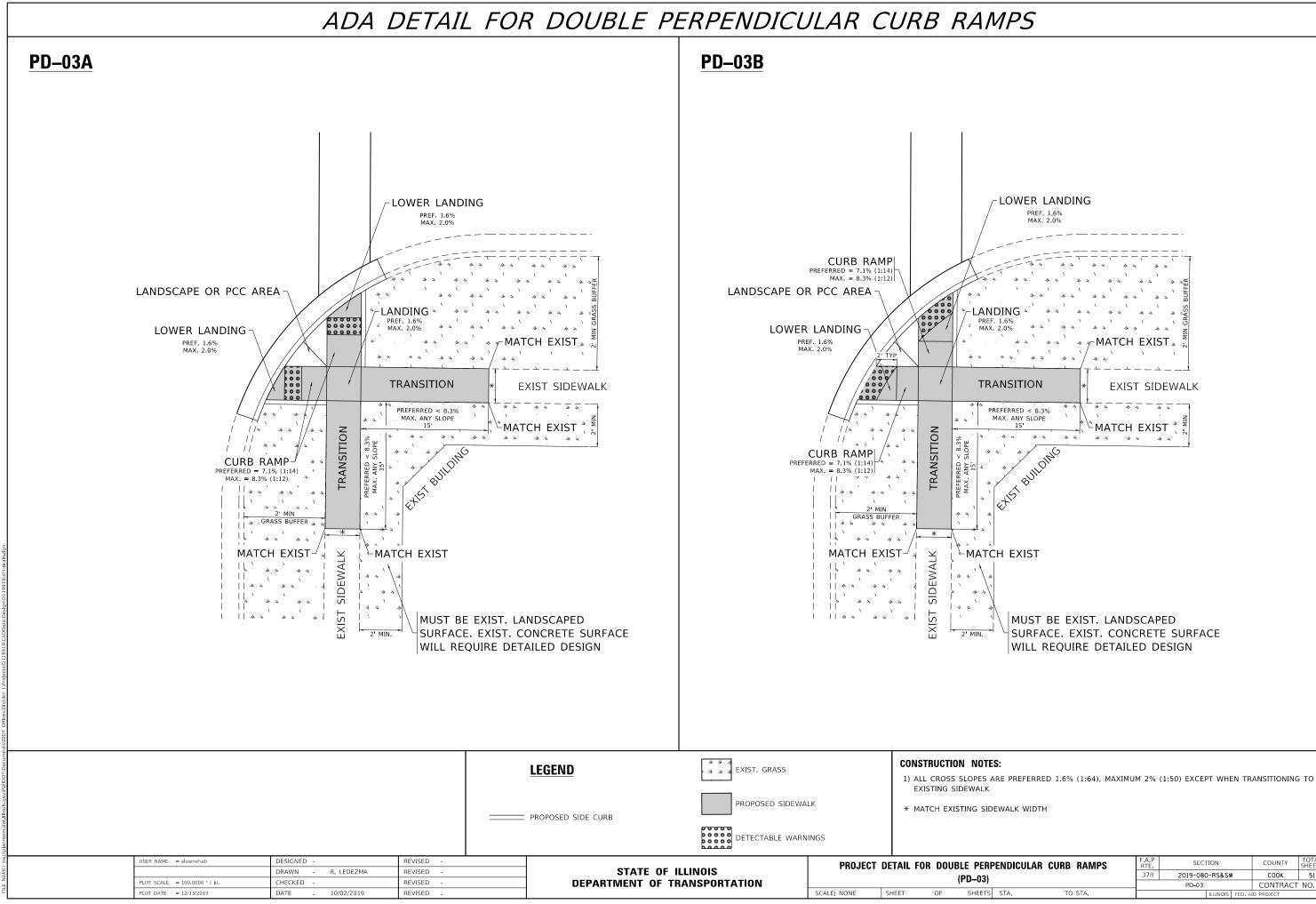
LOT DATE = 12/13/2019

DATE

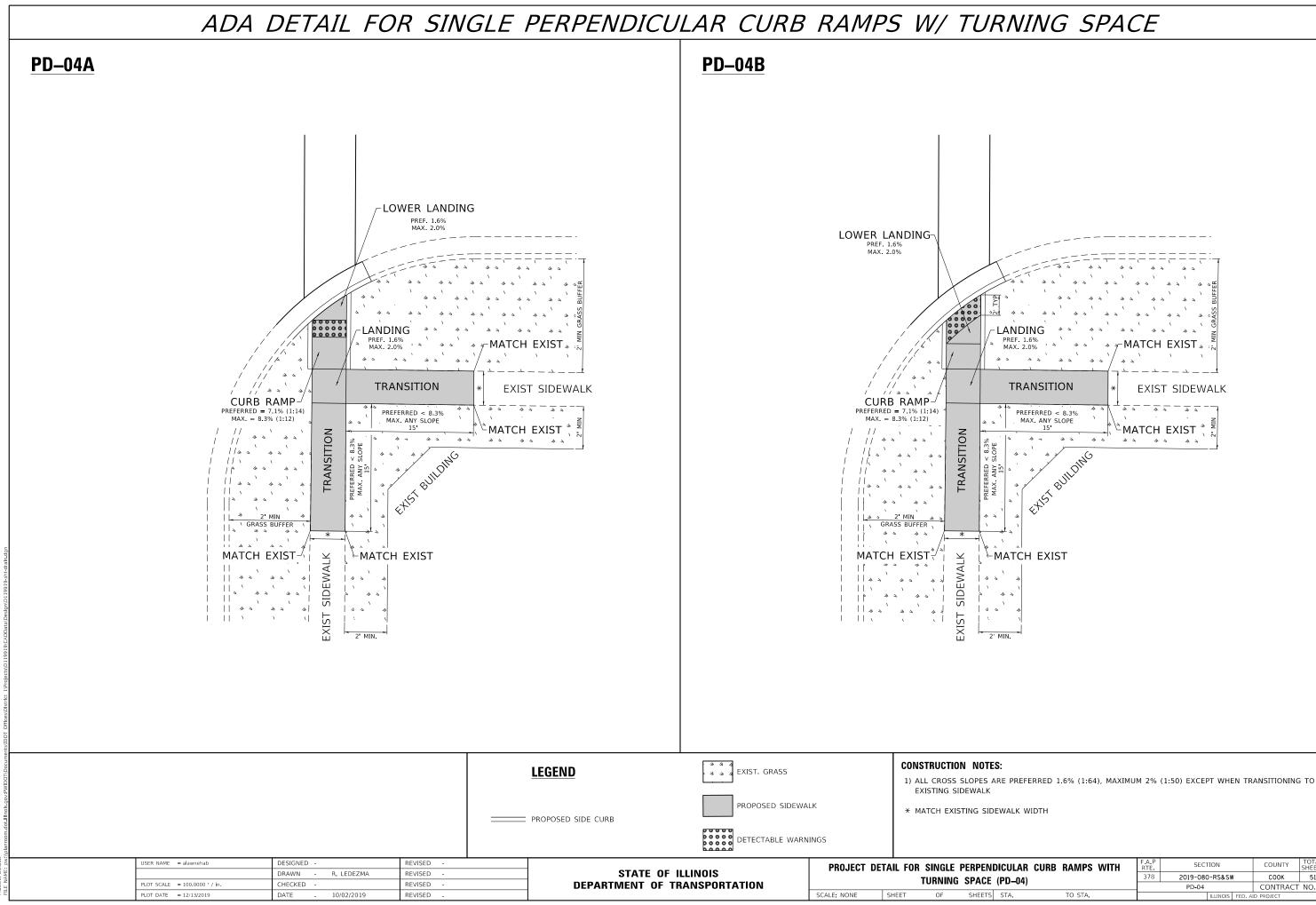
REVISED



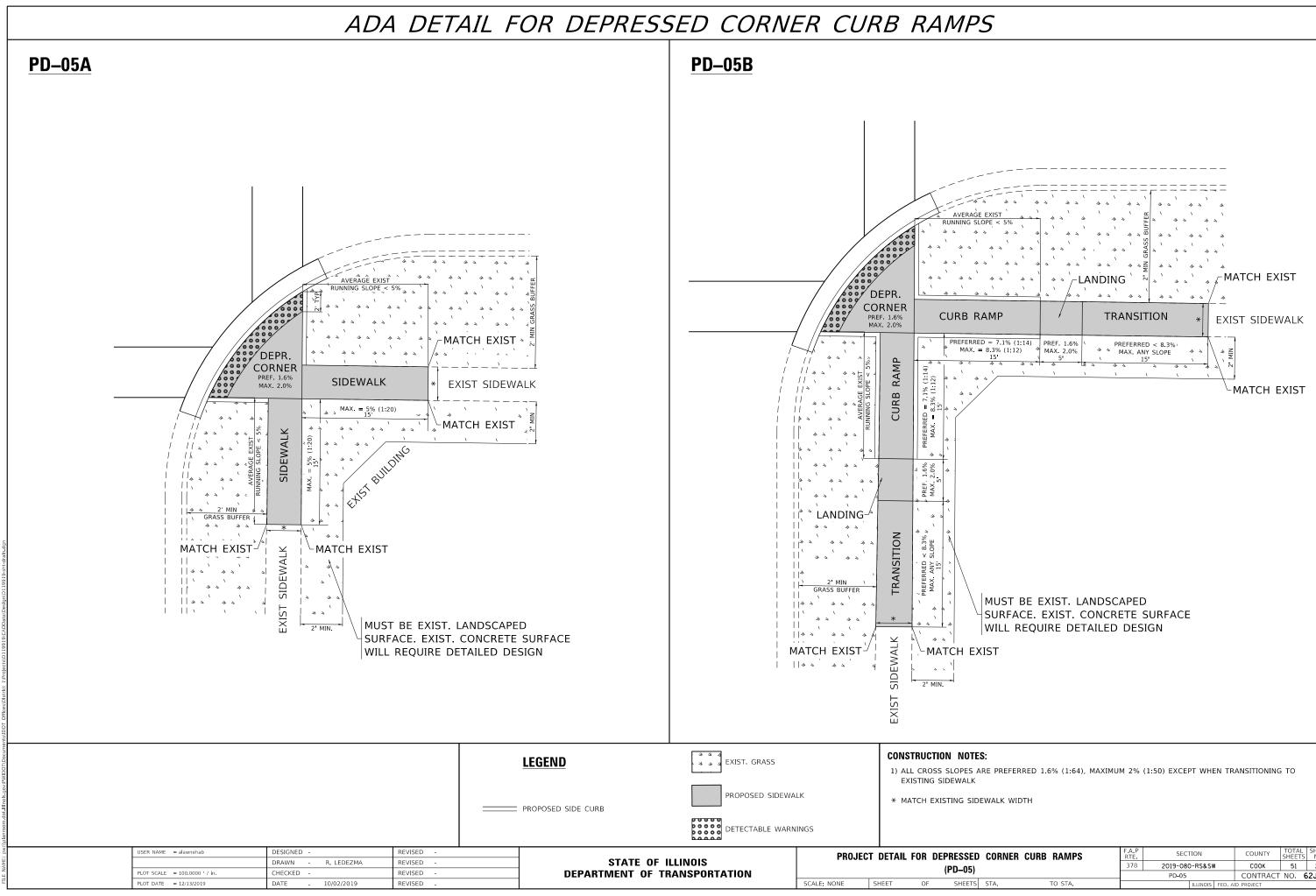
| LA               | CEMENT         | PLAN             | F.A.P<br>RTE | SEC | FION     |        | COUNTY     | TOTAL<br>SHEETS | SHEET<br>NO. |
|------------------|----------------|------------------|--------------|-----|----------|--------|------------|-----------------|--------------|
| ) AT MAIN STREET |                | 378 2019-080-RS& |              |     | V        | СООК   | 51         | 24              |              |
|                  | AI MAIN STREET |                  |              |     |          |        | CONTRACT   | NO. 6           | 52J44        |
| TS               | STA.           | TO STA.          |              |     | ILLINOIS | FED. A | ID PROJECT |                 |              |



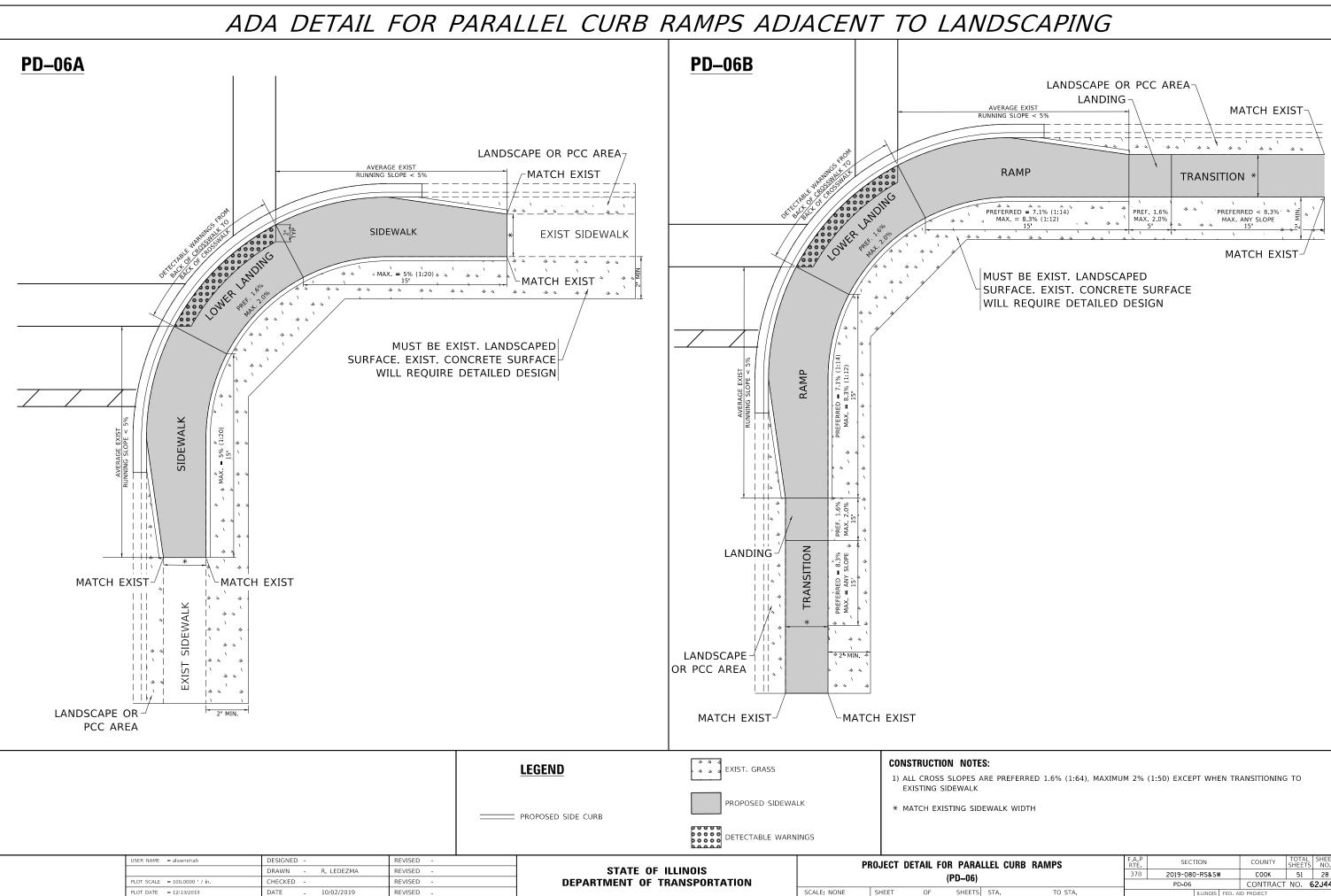
| RP | ENDICULA | R CURB | RAMPS | F.A.P<br>RTE | SECT     | FION     |         | COUNTY     | TOTAL<br>SHEETS | SHEET<br>NO. |
|----|----------|--------|-------|--------------|----------|----------|---------|------------|-----------------|--------------|
| 21 |          |        |       | 378          | 2019-080 | )-RS&SV  | 1       | СООК       | 51              | 25           |
| ,  |          |        |       |              | PD-03    |          |         | CONTRACT   | NO. 6           | 52J44        |
| TS | STA.     | TO     | STA.  |              |          | ILLINOIS | FED. AI | ID PROJECT |                 |              |



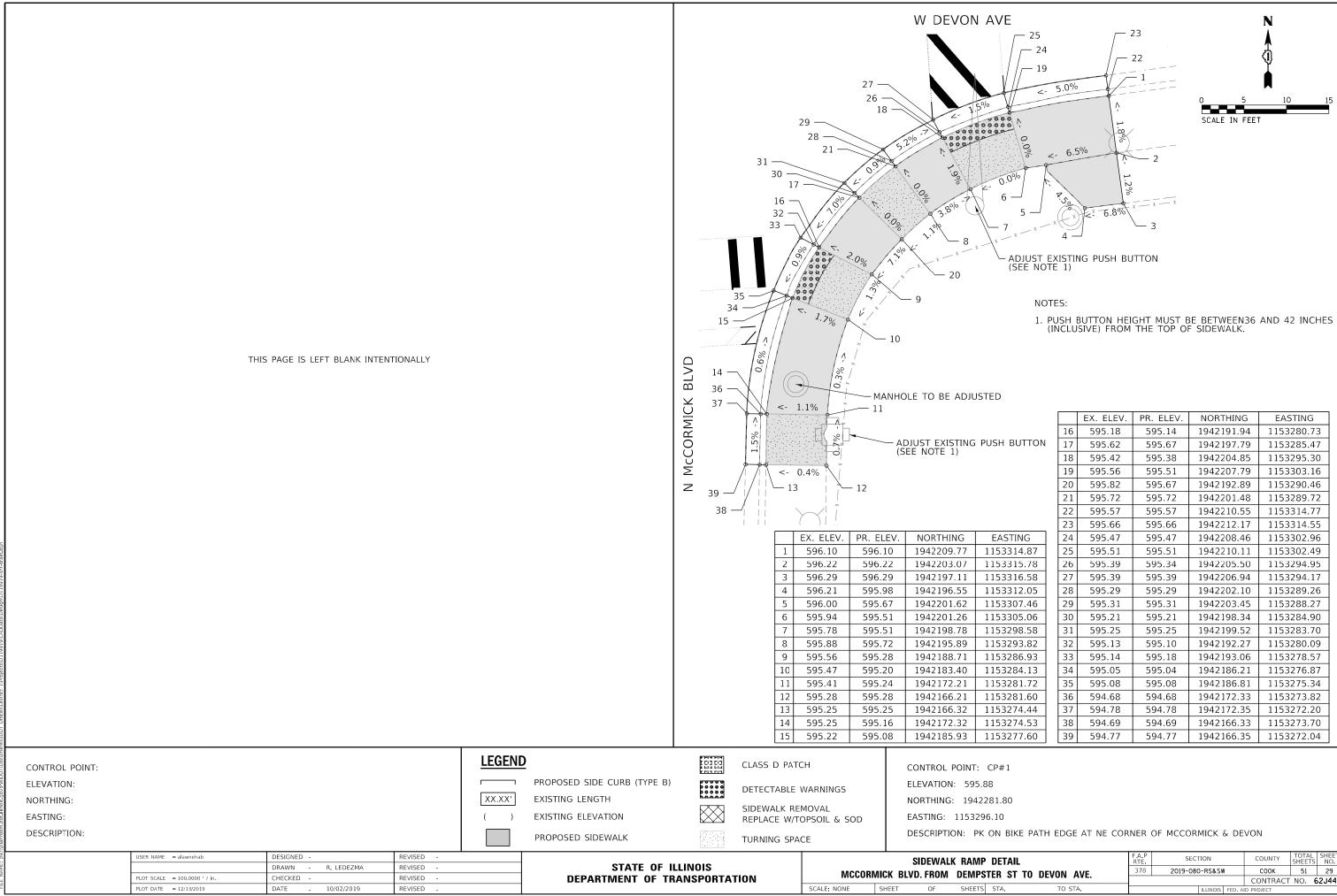
| ND   | ICULAR CU | RB RAMPS | WITH | F.A.P<br>RTE | SECT     | ΓΙΟΝ     |        | COUNTY     | TOTAL<br>SHEETS | SHEET<br>NO. |
|------|-----------|----------|------|--------------|----------|----------|--------|------------|-----------------|--------------|
| `F / | (PD-04)   |          |      | 378          | 2019-080 | )-RS&SV  | 1      | СООК       | 51              | 26           |
|      | (10-04)   |          |      |              | PD-04    |          |        | CONTRACT   | NO. 6           | 52J44        |
| TS   | STA.      | TO STA.  |      |              |          | ILLINOIS | FED. A | ID PROJECT |                 |              |



| ED   | CORNER CURE | RAMPS   | F.A.P<br>RTE | SECT     | ΠΟΝ      |         | COUNTY    | TOTAL<br>SHEETS | SHEET<br>NO. |
|------|-------------|---------|--------------|----------|----------|---------|-----------|-----------------|--------------|
| 51   |             |         | 378          | 2019-080 | )-RS&SV  | 1       | СООК      | 51              | 27           |
| , יי |             |         |              | PD-05    |          |         | CONTRACT  | NO. 6           | 52J44        |
| TS   | STA.        | TO STA. |              |          | ILLINOIS | FED, AI | D PROJECT |                 |              |



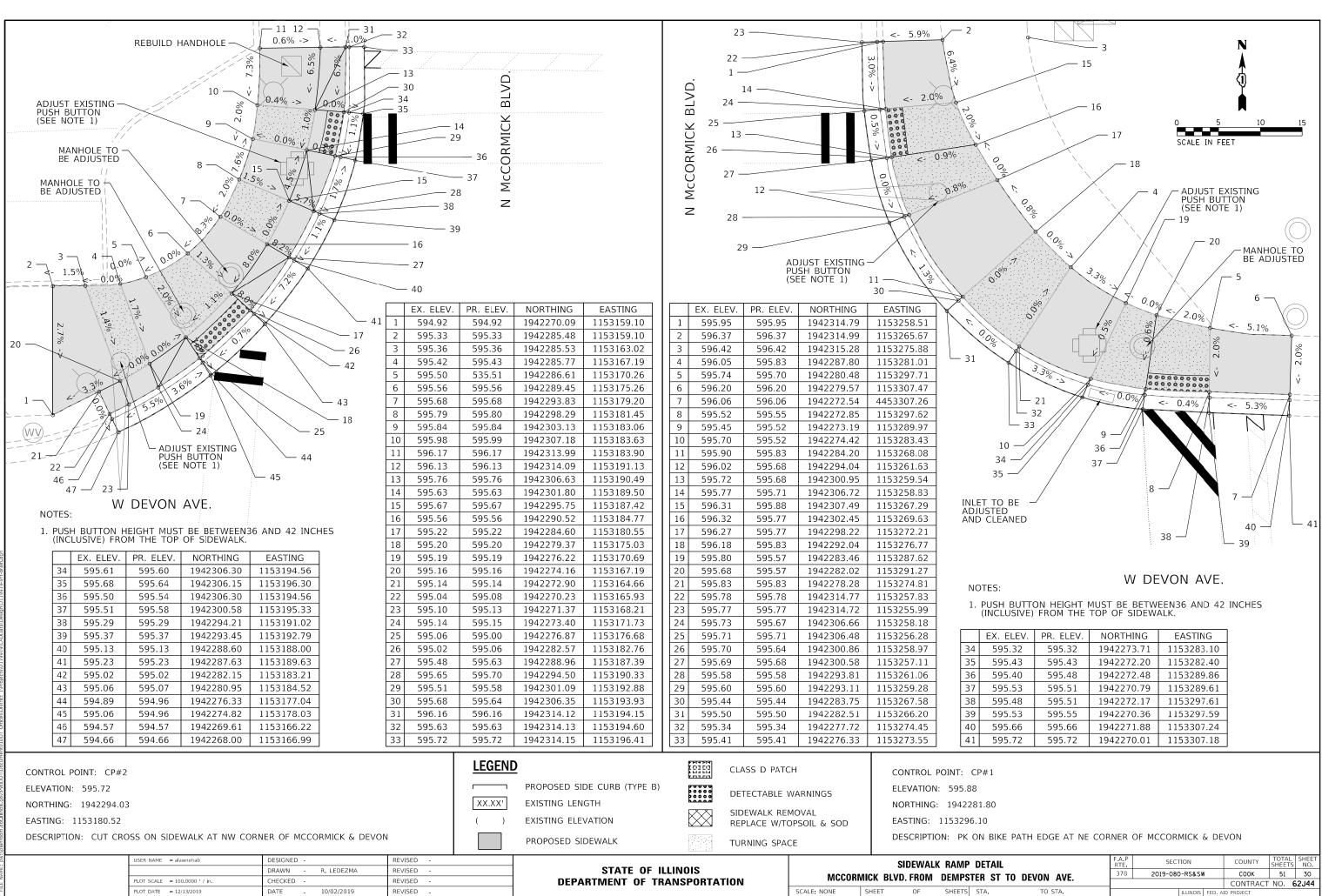
| RA | LLEL CU | RB RAMPS | F.A.P<br>RTE | SECT     | ΠΟΝ      |        | COUNTY    | TOTAL<br>SHEETS | SHEET<br>NO. |
|----|---------|----------|--------------|----------|----------|--------|-----------|-----------------|--------------|
| ۶١ |         |          | 378          | 2019-080 | )-RS&SV  | 1      | COOK      | 51              | 28           |
| "  | )<br>   |          |              | PD-06    |          |        | CONTRACT  | NO. 6           | 52J44        |
| TS | STA.    | TO STA.  |              |          | ILLINOIS | FED. A | D PROJECT |                 |              |



| ЛР  | DETAIL |               | F.A.P<br>RTE | SEC      | TION     |        | COUNTY    | TOTAL<br>SHEETS | SHEET<br>NO. |
|-----|--------|---------------|--------------|----------|----------|--------|-----------|-----------------|--------------|
| pc  | TFR ST | TO DEVON AVE. | 378          | 2019-080 | )-RS&SV  | l I    | СООК      | 51              | 29           |
| 1.0 |        | TO DEVON AVE. | _            |          |          |        | CONTRACT  | NO. 6           | 52J44        |
| TS  | STA.   | TO STA.       |              |          | ILLINOIS | FED. A | D PROJECT |                 |              |

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| Q | 8 |       |
|   |   |       |

|            |     | 18 | 595.42 | 595.38 | 1942204.85 | 1153295.30 |  |
|------------|-----|----|--------|--------|------------|------------|--|
|            |     | 19 | 595.56 | 595.51 | 1942207.79 | 1153303.16 |  |
|            |     | 20 | 595.82 | 595.67 | 1942192.89 | 1153290.46 |  |
|            | :   | 21 | 595.72 | 595.72 | 1942201.48 | 1153289.72 |  |
|            |     | 22 | 595.57 | 595.57 | 1942210.55 | 1153314.77 |  |
|            |     | 23 | 595.66 | 595.66 | 1942212.17 | 1153314.55 |  |
| EASTING    |     | 24 | 595.47 | 595.47 | 1942208.46 | 1153302.96 |  |
| 1153314.87 |     | 25 | 595.51 | 595.51 | 1942210.11 | 1153302.49 |  |
| 1153315.78 |     | 26 | 595.39 | 595.34 | 1942205.50 | 1153294.95 |  |
| 1153316.58 |     | 27 | 595.39 | 595.39 | 1942206.94 | 1153294.17 |  |
| 1153312.05 |     | 28 | 595.29 | 595.29 | 1942202.10 | 1153289.26 |  |
| 1153307.46 |     | 29 | 595.31 | 595.31 | 1942203.45 | 1153288.27 |  |
| 1153305.06 |     | 30 | 595.21 | 595.21 | 1942198.34 | 1153284.90 |  |
| 1153298.58 |     | 31 | 595.25 | 595.25 | 1942199.52 | 1153283.70 |  |
| 1153293.82 |     | 32 | 595.13 | 595.10 | 1942192.27 | 1153280.09 |  |
| 1153286.93 |     | 33 | 595.14 | 595.18 | 1942193.06 | 1153278.57 |  |
| 1153284.13 |     | 34 | 595.05 | 595.04 | 1942186.21 | 1153276.87 |  |
| 1153281.72 |     | 35 | 595.08 | 595.08 | 1942186.81 | 1153275.34 |  |
| 1153281.60 |     | 36 | 594.68 | 594.68 | 1942172.33 | 1153273.82 |  |
| 1153274.44 |     | 37 | 594.78 | 594.78 | 1942172.35 | 1153272.20 |  |
| 1153274.53 |     | 38 | 594.69 | 594.69 | 1942166.33 | 1153273.70 |  |
| 1153277.60 | ] [ | 39 | 594.77 | 594.77 | 1942166.35 | 1153272.04 |  |
|            |     |    |        |        |            |            |  |



| <b>IP DETAIL</b>       | F.A.P<br>RTE | SECTION  |          |        | COUNTY     | TOTAL<br>SHEETS | SHEET<br>NO. |
|------------------------|--------------|----------|----------|--------|------------|-----------------|--------------|
| PSTER ST TO DEVON AVE. | 378          | 2019-080 | )-RS&SW  | 1      | COOK       | 51              | 30           |
| STER ST TO DEVON AVE.  |              |          |          |        | CONTRACT   | NO. 6           | 52J44        |
| TS STA. TO STA.        |              |          | ILLINOIS | FED. A | ID PROJECT |                 |              |

| ELEVATION: PROPOSED SIDE CURB (TYPE B)   NORTHING: ELEVATION:   NORTHING: EXISTING LENGTH   EASTING: SIDEWALK REMOVAL   DESCRIPTION: FROPOSED SIDE VARION     PROPOSED SIDE CURB (TYPE B)   PROPOSED SIDE CURB (TYPE B)   PROPOSED SIDE CURB (TYPE B)   SIDEWALK REMOVAL   EASTING:   DESCRIPTION:     VISER NAME = alawnehab     DESIGNED -   REVISED -     VISER NAME = alawnehab     DESIGNED -     REVISED -     VISER NAME = alawnehab     DESIGNED -     REVISED -     REVISED -     REVISED -     STATE OF ILLINOIS     DESCRIPTION:     REVISED -     REVISED -     REVISED -     REVISED -     STATE OF ILLINOIS     PROPORED SIDE CURB (TYPE B)     DESCRIPTION:     NORTHING:     PROPOSED SIDEWALK     PROPOSED SIDEWALK     DESCRIPTION:     NORTHING:     PROPOSED SIDEWALK     DESCRIPTION:     PROPOSED SIDEWALK     PROPOSED SIDEWALK     PROPORED SIDEWALK     PROPOSED SIDEWALK     PROPOSED SIDEWALK     PROPOSED SIDEWALK <th></th> <th>PLOT DATE = 12/13/2019</th> <th>DATE 10/02/2019</th> <th>REVISED -</th> <th></th> <th>DEFANIMENT OF IN</th> <th></th> <th></th> <th>SCALE NONE SH</th> <th></th> |               | PLOT DATE = 12/13/2019      | DATE 10/02/2019             | REVISED - |       | DEFANIMENT OF IN   |                |               | SCALE NONE SH   |                          |
|---|---------------|-----------------------------|-----------------------------|-----------|-------|--------------------|----------------|---------------|-----------------|--------------------------|
|   |               | PLOT SCALE = 100.0000 / in. | CHECKED - R LEDEZMA         | REVISED - |       |                    |                |               | MCCORMIC        |                          |
|   | <u>د</u><br>ا | USER NAME = alawnehab       |                             |           |       | СТАТЕ ОГ И         |                |               |                 | SIDEWALK RAMP DETAI      |
|   |               | 1                           |                             |           |       |                    |                | TURNING SPAC  | - L             |                          |
|   | DESCRIPTION:  |                             |                             |           |       | PROPOSED SIDEWALK  |                |               | `F              | DESCRIPTION: NAIL IN B   |
|   | EASTING:      |                             |                             |           | ( )   | EXISTING ELEVATION | $\boxtimes$    |               |                 | EASTING: 1153280.84      |
|   | 2             |                             |                             |           |       |                    |                | SIDEWALK REM  | IOVAL           | NORTHING: 1944887.11     |
|   |               |                             |                             |           |       |                    |                | DETECTABLE W  | VARNINGS        |                          |
| THE PAGE & LET EVAR BIDITIONALY         1           INDEX:         1           1         1  |               |                             |                             |           |       | _                  |                | CLASS D FAIC  |                 | CONTROL POINT: CP#3      |
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| FULL CURB HEIGHT         16           13         1           14         15           15         10           16         10           17         10           18         10           19         10           10         10           10         10           10         10           11         10           11         10           11         10           12         10           13         12           13         12  |               |                             |                             |           |       |                    |                |               |                 |                          |
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| THIS PAGE IS LEFT BLANK INTENTIONALLY         10           THIS PAGE IS LEFT BLANK INTENTIONALLY         22           NOTES:         22   |               |                             |                             |           |       |                    |                | (INCLUSIVE) F | FROM THE TOP OF | F SIDEWALK.              |
| FULL CURB HEIGHT<br>17<br>17<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10  |               |                             |                             |           |       |                    |                |               | N HEIGHT MUST B | BE BETWEEN36 AND 42 JNCI |
| FULL CURB HEIGHT       16         17       17         18       15         01       15         02       15         01       1         15       0.0%         16       0.0%         17       1         18       20         19       1  |               |                             |                             |           |       |                    |                |               |                 |                          |
| FULL CURB HEIGHT     16       17     1       14     90       15     24       10     1       11     1       12     1       13     1       14     90       15     24       16     10       17     1       14     90       15     24       14     10       15     24       16     10       17     1       10     1       10     1       11     1       12     1       13     1   |               |                             |                             |           |       |                    |                |               | 1:              | 2 —/                     |
| THIS PAGE IS LEFT BLANK INTENTIONALLY   |               |                             |                             |           |       |                    |                |               | 13              | 9                        |
| FULL CURB HEIGHT<br>17<br>W PRATT AVE. 14<br>15<br>16<br>18<br>17<br>18<br>10<br>18<br>10<br>18<br>10<br>18<br>10<br>10<br>18<br>10<br>18<br>10<br>10<br>10<br>18<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10   |               | THIS                        | S PAGE IS LEFT BLANK INTENT | TIONALLY  |       |                    |                |               |                 | 5.0%<br>6.1% -           |
| FULL CURB HEIGHT<br>17<br>W PRATT AVE. 14<br>15<br>16<br>18<br>17<br>18<br>10<br>18<br>10<br>18<br>10<br>18<br>10<br>10<br>18<br>10<br>18<br>10<br>10<br>10<br>18<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10   |               |                             |                             |           |       |                    |                | CORN          | 23              |                          |
| FULL CURB HEIGHT - 16<br>17<br>W PRATT AVE. 14<br>15<br>000   |               |                             |                             |           |       |                    |                |               |                 |                          |
| FULL CURB HEIGHT - 16<br>17 - 1<br>W PRATT AVE. 14 - 10 00  |               |                             |                             |           |       |                    |                |               | 15 -            |                          |
|   |               |                             |                             |           |       |                    | W PRA          | TT AVE.       | 14              |                          |
|   |               |                             |                             |           |       |                    |                |               | FULL CURB HE    | EIGHT - 16               |
|   |               |                             |                             |           |       |                    |                |               |                 |                          |
|   |               |                             |                             |           |       |                    |                |               |                 |                          |
|   |               |                             |                             |           |       |                    |                |               |                 |                          |
|   |               |                             |                             |           |       |                    |                |               |                 |                          |

|               |   |   | /<br>/<br>/<br>/<br>/  | 0 5  | N<br>(1)<br>10 15  |
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| 0% Jan 2 4.1% |   | - 4<br>8.3 <sup>0</sup>   | - 5<br>- 5<br>- 5<br>- 5<br>- 5<br>- 5   | SCALE IN FEE   | T  |
|               | 2. <sup>A</sup> 5<br>8<br>9   | $\bigcirc$  | ,<br>(ISTING PUSI  | H BUTTON   |  |
| /0            |   |   | - 1/   |  |  |
| N REBUILD     | ) HAN   | DHOLE   |  |  |  |
| REBUILD       | HAN   |   |  |  |  |
| REBUILD       |   | EX. ELEV.   | PR. ELEV.  | NORTHING   | EASTING  |
|               | 1   | EX. ELEV.<br>595.00   | 595.00   | 1944859.77   | 1153252.24   |
|               | 1<br>2  | EX. ELEV.<br>595.00<br>595.10   | 595.00<br>595.10   | 1944859.77<br>1944853.77   | 1153252.24<br>1153252.18   |
|               | 1<br>2<br>3   | EX. ELEV.<br>595.00<br>595.10<br>595.55   | 595.00<br>595.10<br>595.27   | 1944859.77<br>1944853.77<br>1944861.63   | 1153252.24<br>1153252.18<br>1153259.26   |
|               | 1<br>2<br>3<br>4  | EX. ELEV.<br>595.00<br>595.10<br>595.55<br>595.92   | 595.00<br>595.10<br>595.27<br>595.92   | 1944859.77<br>1944853.77<br>1944861.63<br>1944865.54   | 1153252.24<br>1153252.18<br>1153259.26<br>1153266.92   |
|               | 1<br>2<br>3<br>4<br>5   | EX. ELEV.<br>595.00<br>595.10<br>595.55<br>595.92<br>596.06   | 595.00<br>595.10<br>595.27<br>595.92<br>596.06   | 1944859.77<br>1944853.77<br>1944861.63<br>1944865.54<br>1944871.09   | 1153252.24<br>1153252.18<br>1153259.26<br>1153266.92<br>1153273.49   |
|               | 1<br>2<br>3<br>4<br>5<br>6  | EX. ELEV.<br>595.00<br>595.10<br>595.55<br>595.92<br>596.06<br>596.14   | 595.00<br>595.10<br>595.27<br>595.92<br>596.06<br>596.14   | 1944859.77<br>1944853.77<br>1944861.63<br>1944865.54<br>1944871.09<br>1944865.62   | 1153252.24<br>1153252.18<br>1153259.26<br>1153266.92<br>1153273.49<br>1153279.33   |
|               | 1<br>2<br>3<br>4<br>5<br>6<br>7   | EX. ELEV.<br>595.00<br>595.10<br>595.55<br>595.92<br>596.06<br>596.14<br>596.02   | 595.00<br>595.10<br>595.27<br>595.92<br>596.06<br>596.14<br>596.02   | 1944859.77<br>1944853.77<br>1944861.63<br>1944865.54<br>1944871.09<br>1944865.62<br>1944858.88   | 1153252.24<br>1153252.18<br>1153259.26<br>1153266.92<br>1153273.49<br>1153279.33<br>1153271.35   |
|               | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8  | EX. ELEV.<br>595.00<br>595.10<br>595.55<br>595.92<br>596.06<br>596.14<br>596.02<br>595.69   | 595.00<br>595.10<br>595.27<br>595.92<br>596.06<br>596.14<br>596.02<br>595.27   | 1944859.77<br>1944853.77<br>1944861.63<br>1944865.54<br>1944871.09<br>1944865.62<br>1944858.88<br>1944854.13   | 1153252.24<br>1153252.18<br>1153259.26<br>1153266.92<br>1153273.49<br>1153279.33<br>1153271.35<br>1153262.04   |
| 11            | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9   | EX. ELEV.<br>595.00<br>595.10<br>595.55<br>595.92<br>596.06<br>596.14<br>596.02<br>595.69<br>595.61   | 595.00<br>595.10<br>595.27<br>595.92<br>596.06<br>596.14<br>596.02<br>595.27<br>595.27   | 1944859.77<br>1944853.77<br>1944861.63<br>1944865.54<br>1944871.09<br>1944865.62<br>1944858.88<br>1944854.13<br>1944853.69   | 1153252.24<br>1153252.18<br>1153259.26<br>1153266.92<br>1153273.49<br>1153279.33<br>1153271.35<br>1153262.04<br>1153260.79   |
| 11            | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10   | EX. ELEV.<br>595.00<br>595.10<br>595.55<br>595.92<br>596.06<br>596.14<br>596.02<br>595.69<br>595.61<br>595.48   | 595.00<br>595.10<br>595.27<br>595.92<br>596.06<br>596.14<br>596.02<br>595.27<br>595.27<br>595.27   | 1944859.77<br>1944853.77<br>1944861.63<br>1944865.54<br>1944871.09<br>1944865.62<br>1944858.88<br>1944854.13<br>1944853.69<br>1944848.70   | 1153252.24<br>1153252.18<br>1153259.26<br>1153266.92<br>1153273.49<br>1153279.33<br>1153271.35<br>1153262.04<br>1153260.79<br>1153259.13   |
| 11            | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9   | EX. ELEV.<br>595.00<br>595.10<br>595.55<br>595.92<br>596.06<br>596.14<br>596.02<br>595.69<br>595.61<br>595.48<br>595.48   | 595.00           595.10           595.27           595.92           596.06           596.14           596.02           595.27           595.27           595.27           595.27           595.27           595.27           595.26           595.27           595.27           595.26   | 1944859.77<br>1944853.77<br>1944861.63<br>1944865.54<br>1944871.09<br>1944865.62<br>1944858.88<br>1944854.13<br>1944853.69<br>1944848.70<br>1944842.84   | 1153252.24<br>1153252.18<br>1153259.26<br>1153266.92<br>1153273.49<br>1153279.33<br>1153271.35<br>1153262.04<br>1153260.79   |
| 11            | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11   | EX. ELEV.<br>595.00<br>595.10<br>595.55<br>595.92<br>596.06<br>596.14<br>596.02<br>595.69<br>595.61<br>595.48   | 595.00<br>595.10<br>595.27<br>595.92<br>596.06<br>596.14<br>596.02<br>595.27<br>595.27<br>595.27   | 1944859.77<br>1944853.77<br>1944861.63<br>1944865.54<br>1944871.09<br>1944865.62<br>1944858.88<br>1944854.13<br>1944853.69<br>1944848.70   | 1153252.24<br>1153252.18<br>1153259.26<br>1153266.92<br>1153273.49<br>1153279.33<br>1153271.35<br>1153262.04<br>1153260.79<br>1153259.13<br>1153259.07   |
| 11            | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12   | EX. ELEV.<br>595.00<br>595.10<br>595.55<br>595.92<br>596.04<br>596.14<br>596.02<br>595.69<br>595.61<br>595.48<br>595.60<br>595.39   | 595.00           595.10           595.27           595.92           596.06           596.14           596.02           595.27           595.39  | 1944859.77<br>1944853.77<br>1944861.63<br>1944865.54<br>1944871.09<br>1944865.62<br>1944858.88<br>1944854.13<br>1944853.69<br>1944848.70<br>1944842.84<br>1944842.91   | 1153252.24<br>1153252.18<br>1153259.26<br>1153266.92<br>1153273.49<br>1153271.35<br>1153262.04<br>1153260.79<br>1153259.13<br>1153259.07<br>1153259.07   |
| <u> </u>      | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13   | EX. ELEV.<br>595.00<br>595.10<br>595.55<br>595.92<br>596.04<br>596.14<br>596.02<br>595.69<br>595.61<br>595.48<br>595.48<br>595.60   | 595.00           595.10           595.27           595.92           596.06           596.14           596.02           595.27           595.13 | 1944859.77<br>1944853.77<br>1944861.63<br>1944865.54<br>1944871.09<br>1944865.62<br>1944858.88<br>1944854.13<br>1944854.13<br>1944853.69<br>1944848.70<br>1944842.84<br>1944842.91   | 1153252.241153252.181153259.261153266.921153273.491153271.351153262.041153260.791153259.131153259.071153252.071153252.13   |
| 11            | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14   | EX. ELEV.<br>595.00<br>595.10<br>595.55<br>595.92<br>596.04<br>596.14<br>596.02<br>595.61<br>595.61<br>595.48<br>595.60<br>595.39<br>595.39<br>595.42<br>595.42   | 595.00           595.10           595.27           595.92           596.06           596.14           596.02           595.27           595.20           595.39           595.00 | 1944859.77<br>1944853.77<br>1944861.63<br>1944865.54<br>1944871.09<br>1944865.62<br>1944858.88<br>1944854.13<br>1944853.69<br>1944842.84<br>1944842.91<br>1944842.91<br>1944842.77   | 1153252.241153252.181153259.261153266.921153273.491153271.351153262.041153260.791153259.131153259.071153252.071153252.131153251.65   |
| <u> </u>      | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15   | EX. ELEV.<br>595.00<br>595.10<br>595.55<br>595.92<br>596.04<br>596.02<br>595.69<br>595.61<br>595.42<br>595.42<br>595.42<br>595.00<br>595.00   | 595.00           595.10           595.27           596.06           596.14           596.02           595.27           595.27           595.27           595.27           595.27           595.27           595.27           595.20           595.21           595.20           595.20           595.39           595.39           595.13           595.00           595.06           595.00   | 1944859.77<br>1944853.77<br>1944861.63<br>1944865.54<br>1944865.62<br>1944865.62<br>1944858.88<br>1944854.13<br>1944853.69<br>1944842.84<br>1944842.91<br>1944842.91<br>1944842.91<br>1944859.78<br>1944859.78   | 1153252.241153252.181153259.261153266.921153273.491153279.331153271.351153260.041153259.131153259.071153252.071153252.131153251.651153249.60   |
| <u> </u>      | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16   | EX. ELEV.<br>595.00<br>595.10<br>595.55<br>595.92<br>596.04<br>596.14<br>595.69<br>595.61<br>595.48<br>595.60<br>595.39<br>595.42<br>595.42<br>595.00<br>595.00<br>595.00<br>595.00                     | 595.00           595.10           595.27           596.06           596.14           596.02           595.27           595.27           595.27           595.27           595.27           595.39           595.39           595.13           595.00           595.00           595.00           595.00           595.07   | 1944859.77<br>1944853.77<br>1944861.63<br>1944865.54<br>1944871.09<br>1944865.62<br>1944858.88<br>1944854.13<br>1944853.69<br>1944842.84<br>1944842.91<br>1944842.91<br>1944848.77<br>1944859.78<br>1944859.80   | 1153252.24         1153252.18         1153259.26         1153279.26         1153273.49         1153271.35         1153260.79         1153259.13         1153259.13         1153252.07         1153252.13         1153251.65         1153251.67 |
| <u> </u>      | 1           2           3           4           5           6           7           8           9           10           11           12           13           14           15           16           17   | EX. ELEV.<br>595.00<br>595.10<br>595.55<br>595.92<br>596.04<br>596.02<br>595.69<br>595.61<br>595.42<br>595.42<br>595.42<br>595.00<br>595.00   | 595.00           595.10           595.27           596.06           596.14           596.02           595.27           595.27           595.27           595.27           595.27           595.27           595.27           595.20           595.21           595.20           595.20           595.39           595.39           595.13           595.00           595.06           595.00   | 1944859.77<br>1944853.77<br>1944861.63<br>1944865.54<br>1944865.62<br>1944858.88<br>1944854.13<br>1944853.69<br>1944842.84<br>1944842.91<br>1944842.91<br>1944842.91<br>1944859.78<br>1944859.78<br>1944861.78<br>1944861.80   | 1153252.241153252.181153259.261153266.921153273.491153271.351153262.041153260.791153259.131153259.071153252.071153252.131153251.651153249.601153251.671153251.671153249.62   |
| <u> </u>      | 1           2           3           4           5           6           7           8           9           10           11           12           13           14           15           16           17           18  | EX. ELEV.<br>595.00<br>595.10<br>595.55<br>595.92<br>596.06<br>596.14<br>596.02<br>595.60<br>595.61<br>595.42<br>595.48<br>595.42<br>595.00<br>595.00<br>595.00<br>595.00<br>595.00<br>595.00           | 595.00           595.10           595.27           595.92           596.06           596.14           596.02           595.27           595.27           595.27           595.27           595.27           595.27           595.20           595.00           595.00           595.00           595.00           595.07           595.07           595.07           595.07           595.31   | 1944859.77<br>1944853.77<br>1944861.63<br>1944865.54<br>1944865.62<br>1944858.88<br>1944854.13<br>1944853.69<br>1944842.84<br>1944842.91<br>1944842.91<br>1944842.91<br>1944859.78<br>1944859.78<br>1944859.78<br>1944861.77   | 1153252.241153252.181153259.261153266.921153273.491153271.351153262.041153260.791153259.131153259.071153252.071153251.651153249.601153251.671153249.621153252.26   |
| <u> </u>      | 1           2           3           4           5           6           7           8           9           10           11           12           13           14           15           16           17           18           19           20              | EX. ELEV.<br>595.00<br>595.10<br>595.55<br>595.92<br>596.06<br>596.14<br>596.02<br>595.60<br>595.61<br>595.42<br>595.60<br>595.30<br>595.00<br>595.00<br>595.00<br>595.00<br>595.07<br>595.07<br>595.03 | 595.00           595.10           595.27           596.06           596.14           596.02           595.27           595.27           595.27           595.27           595.27           595.27           595.27           595.27           595.20           595.00           595.00           595.00           595.00           595.01           595.02           595.03  | 1944859.77<br>1944853.77<br>1944861.63<br>1944865.54<br>1944865.62<br>1944858.88<br>1944854.13<br>1944853.69<br>1944842.84<br>1944842.91<br>1944842.91<br>1944859.78<br>1944859.78<br>1944859.78<br>1944861.78<br>1944861.77<br>1944861.77<br>1944842.92               | 1153252.241153252.181153259.261153266.921153273.491153271.351153262.041153260.791153259.131153259.131153252.071153251.651153251.651153249.601153251.671153251.481153249.44   |
| <u> </u>      | 1           2           3           4           5           6           7           8           9           10           11           12           13           14           15           16           17           18           19                           | EX. ELEV.<br>595.00<br>595.10<br>595.55<br>595.92<br>596.02<br>596.14<br>596.14<br>595.60<br>595.61<br>595.42<br>595.42<br>595.00<br>595.00<br>595.00<br>595.00<br>595.00<br>595.01<br>595.03           | 595.00           595.10           595.27           596.06           596.14           596.02           595.27           595.27           595.27           595.27           595.27           595.27           595.27           595.27           595.27           595.27           595.00           595.00           595.00           595.00           595.01           595.02           595.03           595.03           595.10   | 1944859.77<br>1944853.77<br>1944861.63<br>1944865.54<br>1944865.62<br>1944858.88<br>1944854.13<br>1944853.69<br>1944842.84<br>1944842.84<br>1944842.91<br>1944842.91<br>1944859.78<br>1944859.78<br>1944861.78<br>1944861.77<br>1944861.77<br>1944842.92<br>1944842.94 | 1153252.241153252.181153259.261153266.921153273.491153271.351153260.791153259.131153259.131153252.071153251.651153249.601153251.671153252.261153251.481153249.441153251.54   |
|               | 1           2           3           4           5           6           7           8           9           10           11           12           13           14           15           16           17           18           19           20           21 | EX. ELEV.<br>595.00<br>595.10<br>595.55<br>595.92<br>596.06<br>596.14<br>596.02<br>595.60<br>595.61<br>595.42<br>595.60<br>595.30<br>595.00<br>595.00<br>595.00<br>595.00<br>595.07<br>595.07<br>595.03 | 595.00           595.10           595.27           596.06           596.14           596.02           595.27           595.27           595.27           595.27           595.27           595.27           595.27           595.27           595.20           595.00           595.00           595.00           595.00           595.01           595.02           595.03  | 1944859.77<br>1944853.77<br>1944861.63<br>1944865.54<br>1944865.62<br>1944858.88<br>1944854.13<br>1944853.69<br>1944842.84<br>1944842.91<br>1944842.91<br>1944859.78<br>1944859.78<br>1944859.78<br>1944861.78<br>1944861.77<br>1944861.77<br>1944842.92               | 1153252.241153252.181153259.261153266.921153273.491153271.351153262.041153260.791153259.131153259.131153252.071153251.651153251.651153249.601153251.671153251.481153249.44   |

. IN BITUMINOUS PVMT AT PCC EDGE AT NE CORNER OF MCCORMICK & PRATT

| /IP DETAIL             | F.A.P<br>RTE | SECT             |          |        | SHEET<br>NO. |       |    |
|------------------------|--------------|------------------|----------|--------|--------------|-------|----|
| PSTER ST TO DEVON AVE. | 378          | 2019-080-RS&SW   |          |        | СООК         | 51    | 31 |
| ISIEN SI TO DEVON AVE. |              | CONTRACT NO. 62J |          |        |              | 52J44 |    |
| TS STA. TO STA.        |              |                  | ILLINOIS | FED. A | ID PROJECT   |       |    |

| IP DETAIL              | F.A.P<br>RTE       | P SECTION |          |        | COUNTY     | TOTAL<br>SHEETS | SHEET<br>NO. |
|------------------------|--------------------|-----------|----------|--------|------------|-----------------|--------------|
| PSTER ST TO DEVON AVE. | 378 2019-080-RS&SW |           |          | СООК   | 51         | 32              |              |
| SILI SI TO DEVON AVE.  |                    |           |          |        | CONTRACT   | NO. 6           | 52J44        |
| TS STA. TO STA.        |                    |           | ILLINOIS | FED. A | ID PROJECT |                 |              |

| CP#5 |  |
|------|--|
|      |  |

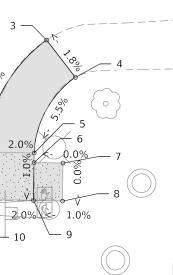
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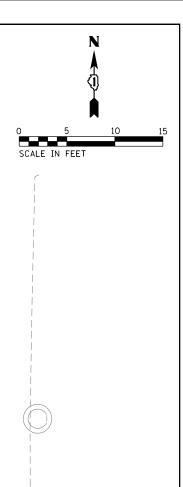
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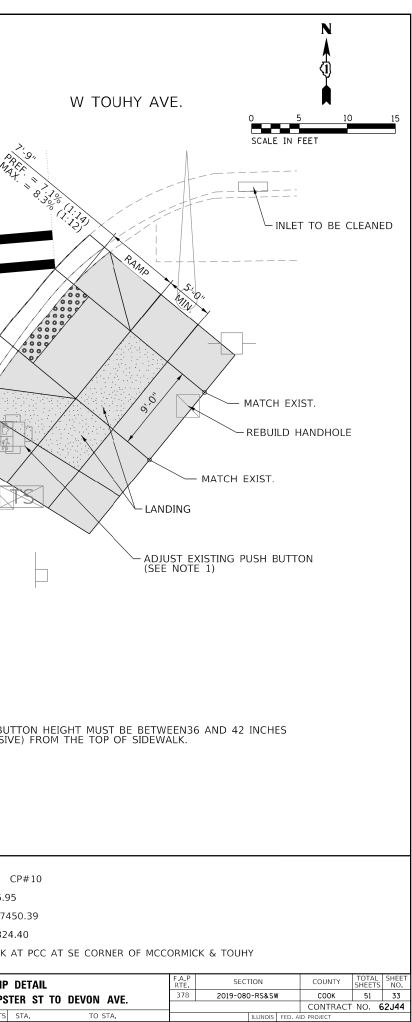
K IN STRIPED MEDIAN AT NORTH LEG OF MCCORMICK & NORTHEAST PKWY

|    | EX. ELEV. | PR. ELEV. | NORTHING   | EASTING    |
|----|-----------|-----------|------------|------------|
| 1  | 595.63    | 595.66    | 1945564.98 | 1153260.76 |
| 2  | 595.94    | 595.94    | 1945564.91 | 1153265.06 |
| 3  | 596.37    | 596.37    | 1945576.58 | 1153271.34 |
| 4  | 596.46    | 596.46    | 1945572.70 | 1153274.33 |
| 5  | 596.13    | 596.13    | 1945564.83 | 1153270.06 |
| 6  | 596.11    | 596.11    | 1945563.83 | 1153270.05 |
| 7  | 596.24    | 596.24    | 1945563.79 | 1153273.05 |
| 8  | 596.46    | 596.46    | 1945559.79 | 1153273.00 |
| 9  | 596.03    | 596.03    | 1945559.83 | 1153270.00 |
| 10 | 595.84    | 595.84    | 1945559.91 | 1153265.00 |
| 11 | 595.62    | 595.61    | 1945559.98 | 1153260.70 |
| 12 | 595.94    | 595.94    | 1945556.92 | 1153260.66 |
| 13 | 595.54    | 595.54    | 1945556.92 | 1153260.08 |
| 14 | 595.60    | 595.60    | 1945556.94 | 1153257.91 |
| 15 | 595.54    | 595.57    | 1945559.99 | 1153260.12 |
| 16 | 595.60    | 595.62    | 1945560.03 | 1153257.95 |
| 17 | 595.56    | 595.62    | 1945564.99 | 1153260.18 |
| 18 | 595.58    | 595.64    | 1945565.03 | 1153258.01 |
| 19 | 595.85    | 595.85    | 1945566.24 | 1153260.78 |
| 20 | 595.60    | 595.60    | 1945566.25 | 1153260.20 |
| 21 | 595.59    | 595.59    | 1945566.29 | 1153258.03 |



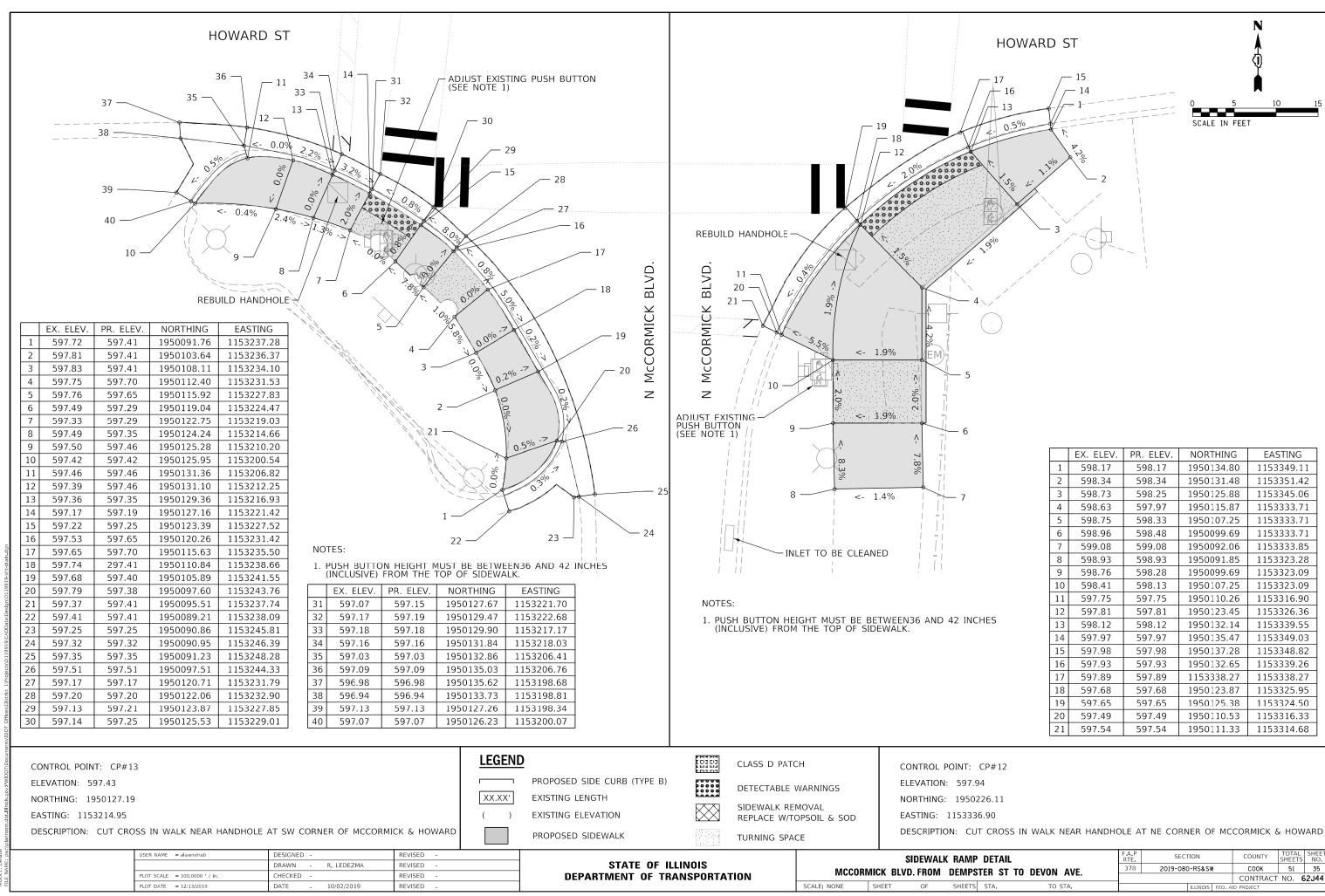


| FILE NAME:  | USER NAME         = alawnehab         DESIGNED         REVISED           DRAWN         -         R. LEDEZMA         REVISED           PLOT SCALE         = 100.0000 ' / in.         CHECKED         REVISED           PLOT DATE         = 12/13/2019         DATE         = 10/02/2019         REVISED |                              |            |                         | STATE OF IL<br>Department of tr   |  |   |                                   | SIDEWALK RAMP<br>CCORMICK BLVD. FROM DEMPS  |  |
|---|--|------------------------------|------------|-------------------------|---|--|---|-----------------------------------|---|--|
| CONTROL POINT:<br>ELEVATION:<br>NORTHING:<br>EASTING:<br>DESCRIPTION: |  |                              |            | LEGEND<br>XX.XX'<br>( ) | PROPOSED SIDE CURB (TYPE B)<br>EXISTING LENGTH<br>EXISTING ELEVATION<br>PROPOSED SIDEWALK |  | CLASS D PATO<br>DETECTABLE<br>SIDEWALK RE<br>REPLACE W/T<br>TURNING SPA | WARNINGS<br>MOVAL<br>OPSOIL & SOD | CONTROL POINT:<br>ELEVATION: 596.9<br>NORTHING: 19474<br>EASTING: 115332<br>DESCRIPTION: PK |  |
| Documentation Officeablatic LiProjectab119919-sht-drain-don           |  | THIS PAGE IS LEFT INTENTIONA | ALLY BLANK | LEGEND                  |   |  |   |                                   | NOTES:<br>1. PUSH BU<br>(INCLUSIN   |  |
|   |  |                              |            |                         |   |  |   |                                   |   |  |



| (Documents)IDDT Offees/Britct 1/Projects)D1199919(ADData/Desagn(D1199919);Athrain dan | CONTROL POINT:                                      | THIS   | 5 PAGE IS LEFT INTENTIONALL   | Y BLANK  | LEGEND |   |                      | CLASS D PAT   |                       | CONTROL POINT:  |
|---|---|--|---|--|--------|---|----------------------|---|-----------------------|---|
| planroom.dot.lllhols.gov:PWIDO  | ELEVATION:<br>NORTHING:<br>EASTING:<br>DESCRIPTION: |  |   |  | ( )    | PROPOSED SIDE CURB (TYPE B)<br>EXISTING LENGTH<br>EXISTING ELEVATION<br>PROPOSED SIDEWALK |                      | DETECTABLE<br>SIDEWALK RE<br>REPLACE W/T<br>TURNING SPA | MOVAL<br>OPSOIL & SOD | ELEVATION: 597.9<br>NORTHING: 1947!<br>EASTING: 115331<br>DESCRIPTION: PK |
| FILE NAME: pw:/   |   | USER NAME = alawnehab<br>PLOT SCALE = 100.0000 ' / in.<br>PLOT DATE = 12/13/2019 | DESIGNED         -           DRAWN         -         R. LEDEZMA           CHECKED         -           DATE         -         10/02/2019 | REVISED -<br>REVISED -<br>REVISED -<br>REVISED - |        | STATE OF II<br>Department of tr   | LLINOIS<br>IANSPORTA | TION  |                       | SIDEWALK RAMF<br>CK BLVD. FROM DEMPS<br>SHEET OF SHEETS                   |

|                       |                     |                         | O<br>Scale IN                         | 5 10 15<br>FEET                  |
|-----------------------|---------------------|-------------------------|---------------------------------------|----------------------------------|
| R                     | MATCH EX            | IST.<br>M               | E<br>ATCH EXIST.<br>NHOLE TO BE ADJUS | STED                             |
| 0000                  |                     | NDING<br>EF. 1<br>X. 2. | .6%<br>0%                             |                                  |
| : CP#9<br>7.93        |                     |                         |                                       |                                  |
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| 314.24<br>РК АТ РСС . | AT NE CORNER OF MCC | ORMIC                   | CK & TOUHY                            |                                  |
| /IP DETAIL            |                     | F.A.P<br>RTE            | SECTION                               | COUNTY TOTAL SHEET<br>SHEETS NO. |
|                       | TO DEVON AVE.       | 378                     | 2019-080-RS&SW                        | Соок 51 34<br>СОЛТКАСТ NO. 62J44 |
| TS STA.               | TO STA.             |                         | ILLINOIS FED. A                       |                                  |



| 1P DETAIL              | F A P<br>RTE           | SECTION  |          |        | COUNTY TOTAL<br>SHEETS |    | SHEET<br>NO. |
|------------------------|------------------------|----------|----------|--------|------------------------|----|--------------|
| PSTER ST TO DEVON AVE. | 378                    | 2019-080 | )-RS&SV  | 1      | СООК                   | 51 | 35           |
| SIEN ST TO DEVON AVE.  | TO DEVON AVE. CONTRACT |          |          | NO. 6  | 52J44                  |    |              |
| TS STA. TO STA.        |                        |          | ILLINOIS | FED. A | ID PROJECT             |    |              |

EX. ELEV. PR. ELEV.

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1950107.25

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1950092.06

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1950107.25

1950110.26

1950123.45

1950132.14

1950135.47

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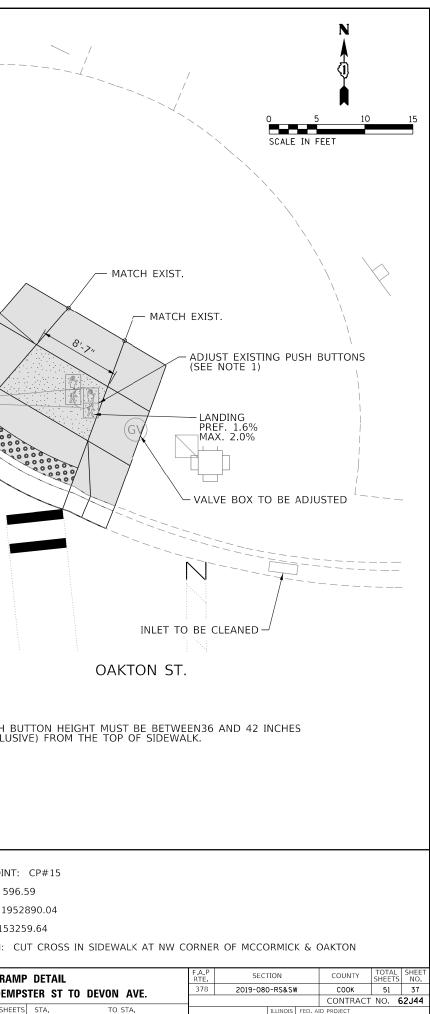
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- 14

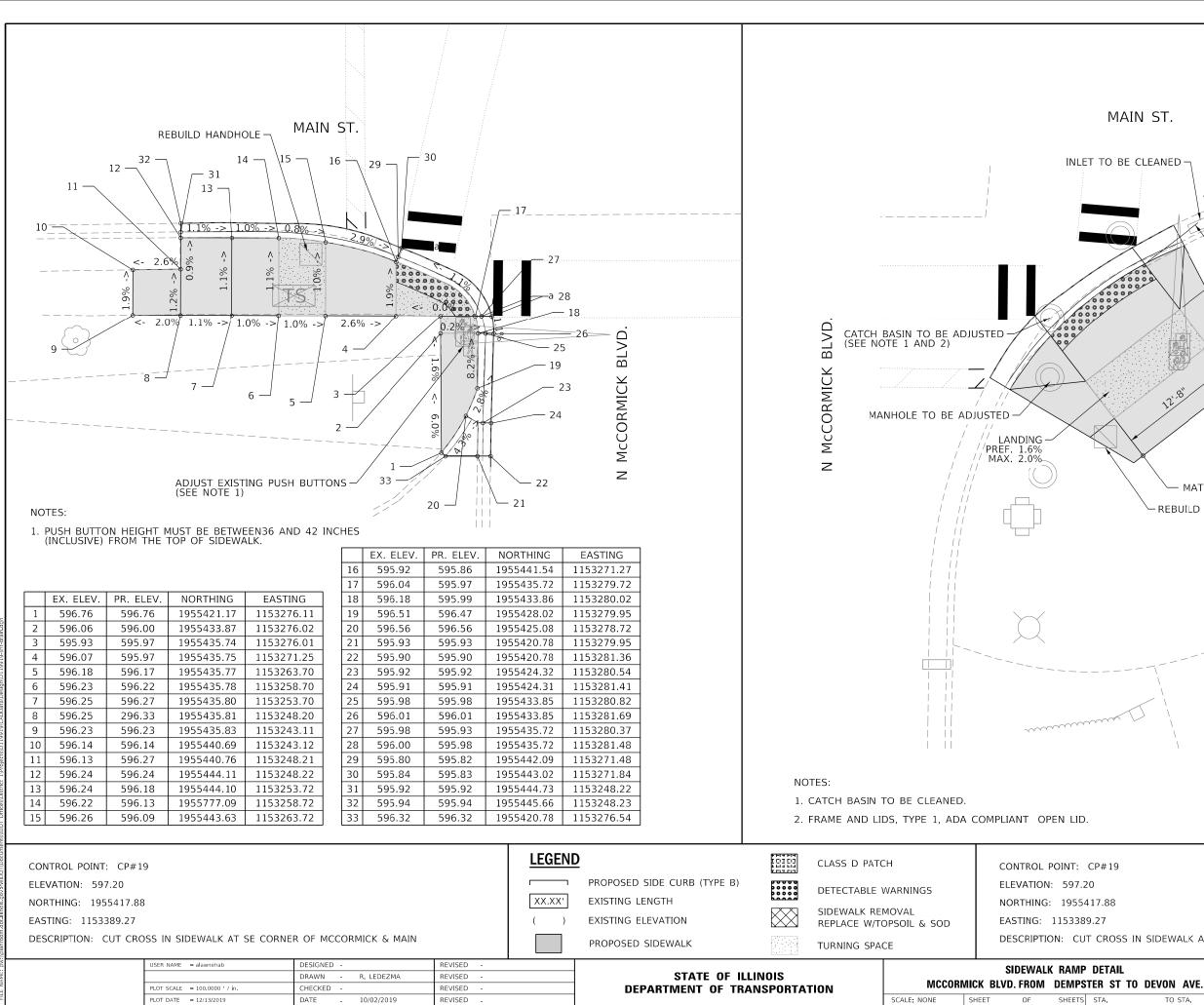
| E NAME: p   |   | USER NAME = alawnehab<br>PLOT SCALE = 100.0000 ' / in. | DESIGNED -<br>DRAWN - R.LEDEZMA<br>CHECKED - | REVISED -<br>REVISED -<br>REVISED - | STATE OF II<br>DEPARTMENT OF TR   | TION  | MCCORMI                           | SIDEWALK RAMP DETA<br>CK BLVD. FROM DEMPSTER S   |
|---|---|--|--|-------------------------------------|---|---|-----------------------------------|--|
| w:\\planroom.dot.lllnols.gov:PWIDOT\Docur   | CONTROL POINT:<br>ELEVATION:<br>NORTHING:<br>EASTING:<br>DESCRIPTION: |  |  |                                     | PROPOSED SIDE CURB (TYPE B)<br>EXISTING LENGTH<br>EXISTING ELEVATION<br>PROPOSED SIDEWALK | CLASS D PATCH<br>DETECTABLE W<br>SIDEWALK REM<br>REPLACE W/TO<br>TURNING SPAC | VARNINGS<br>10VAL<br>1PSOIL & SOD | CONTROL POINT: CP#14<br>ELEVATION: 598.41<br>NORTHING: 1952780.93<br>EASTING: 1153413.92<br>DESCRIPTION: CUT CRO   |
| nts/IDOT Offices/District 1/Projects/D119919/CADData/Design/D119919-sht-drain.dgn |   | THIS   | S PAGE IS LEFT INTENTION,                    | IALLY BLANK                         |   | INLET TO B<br>AND   |                                   | OAK<br>OAK<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Construction<br>Constr |

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| OAKTON ST.                  |              |                |                                  |
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| CP#14<br>41                 |              |                |                                  |
| +1<br>780.93                |              |                |                                  |
| 3.92                        |              |                |                                  |
| T CROSS IN SIDEWALK AT SE ( | CORNER (     | OF MCCORMICK & | OAKTON                           |
| P DETAIL                    | F.A.P<br>RTE | SECTION        | COUNTY TOTAL SHEE<br>SHEETS NO.  |
| STER ST TO DEVON AVE.       | 378          | 2019-080-RS&SW | Соок 51 36<br>СОNTRACT NO. 62J44 |
| STA. TO STA.                |              | ILLINOIS FED.  | AID PROJECT                      |

| ELEVATION: PROPOSED SIDE CURB (TYPE B)   NORTHING: ELEVATION:   EASTING: XX.XX'   EASTING: SIDEWALK REMOVAL   DESCRIPTION: EXISTING ELEVATION   USER NAME = alawnehab DESIGNED -   DESIGNED - REVISED -   DRAWN - R, LEDEZMA REVISED - |
|--|
| NORTHING:     XX.XX'     EXISTING LENGTH     DETECTABLE WARNINGS       EASTING:     EASTING:     SIDEWALK REMOVAL     NORTHING: 1952890.04       DESCRIPTION:     PROPOSED SIDEWALK     TURNING SPACE     DESCRIPTION: CUT CRO   |
| NORTHING:     XX.XX'     EXISTING LENGTH     DETECTABLE WARNINGS       NORTHING:     XX.XX'     EXISTING LENGTH     SIDEWALK REMOVAL       EASTING:     ( )     EXISTING ELEVATION     EASTING: 1153259.64   |
| NORTHING: DETECTABLE WARNINGS NORTHING: 1952890.04   |
| NORTHING: DETECTABLE WARNINGS NORTHING: 1952890.04   |
|  |
|  |
| CONTROL POINT: CLASS D PATCH CONTROL POINT: CP#1   |



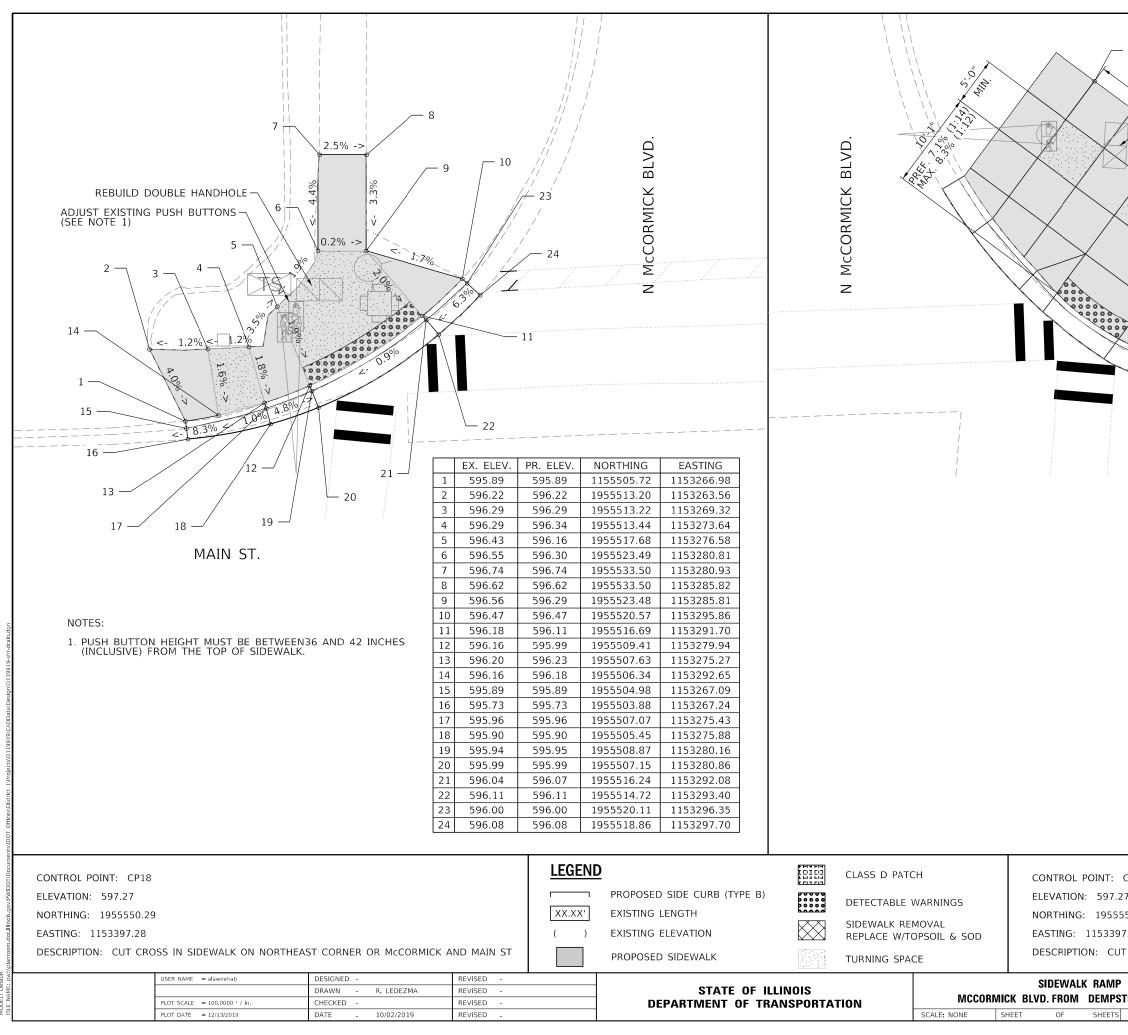
ILLINOIS FED AID PROJECT



TO STA

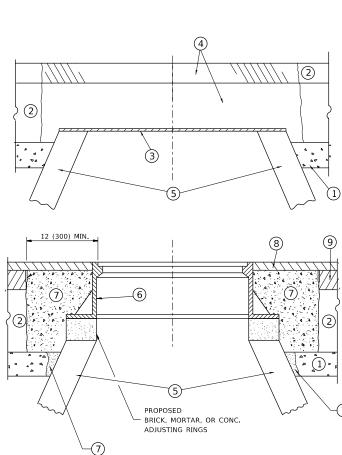
| MP DETAIL<br>PSTER ST TO DEVON AVE.                                    | F.A. P<br>RTE.<br>378       | SECTION<br>2019-080-RS&SW | COUNTY TOT.<br>SHEE<br>COOK 51          | 38      |
|--|-----------------------------|---------------------------|---|---------|
| : CP#19<br>7.20<br>55417.88<br>389.27<br>CUT CROSS IN SIDEWALK AT SE 0 | CORNER OF                   | MCCORMICK &               | MAIN                                    |         |
| ID.  |                             |                           |   |         |
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| LET TO BE CLEANED  |                             |                           |   |         |
| MAIN ST.   |                             | O<br>SCALE I              | 5 10<br>N FEET                          | 15      |
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|  |                             |                           |   |         |

CONTRACT NO. 62J44



| UT CROSS IN SIDEWALK ON NC<br>P DETAIL<br>'STER ST TO DEVON AVE. | F.A.P<br>RTE.<br>378 | SECTION<br>2019-080-RS&SW  |   | SHEET<br>NO.<br>39 |
|--|----------------------|--|---|--------------------|
| CP18<br>.27<br>5550.29<br>97.28                                  |                      |  |   |                    |
|  |                      |  |   |                    |
|  |                      |  |   |                    |
| MAIN ST.   | ANED                 |  |   |                    |
|  |                      | <ul> <li>LANDING, TYP.</li> <li>PREF. 1.6%</li> <li>MAX. 2.0%</li> </ul> |   |                    |
|  | 10:01                | MATCH EXIS   | эт.<br>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ |                    |
| 70.0. REBUILD DO<br>HANDHOLE                                     |                      | 0 5<br>SCALE IN F  |   | 15                 |
|  |                      |  | N<br>↓<br>↓                                 |                    |

| ΜP | DETAIL |               | RTE | SEC      | FION     |        | COUNTY    | SHEETS | NO.   |
|----|--------|---------------|-----|----------|----------|--------|-----------|--------|-------|
| PS | TFR ST | TO DEVON AVE. | 378 | 2019-080 | D-RS&SV  | 1      | СООК      | 51     | 39    |
| 13 |        | TO DEVON AVE. |     |          |          |        | CONTRACT  | NO. E  | 52J44 |
| TS | STA.   | TO STA.       |     |          | ILLINOIS | FED. A | D PROJECT |        |       |
|    |        |               |     |          |          |        |           |        |       |



### **NOTES**

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED. THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

## **DETAILS FOR FRAMES AND LIDS ADJUSTMENT** WITH MILLING

| USER NAME = alawnehab         | DESIGNED - R. SHAH | REVISED - R. WEDEMAN 05-14-04 |                              |             | DETAILS F               | 1R                | F.A.P. | SECTION         | COUNTY      | TOTAL SHEETS | SHEET |
|-------------------------------|--------------------|-------------------------------|------------------------------|-------------|-------------------------|-------------------|--------|-----------------|-------------|--------------|-------|
|                               | DRAWN -            | REVISED - R. BORO 01-01-07    | STATE OF ILLINOIS            |             |                         |                   | 378    | 2019-080-RS&SW  | соок        | 51           | 40    |
| PLOT SCALE = 100.0000 ' / in. | CHECKED -          | REVISED - R. BORO 03-09-11    | DEPARTMENT OF TRANSPORTATION | FI          | FRAMES AND LIDS ADJUSTI | VENT WITH WILLING |        | BD600-03 (BD-8) | CONTRACT    | NO 62        | J44   |
| PLOT DATE = 12/13/2019        | DATE - 10-25-94    | REVISED - R. BORO 12-06-11    |                              | SCALE: NONE | SHEET 1 OF 1 SHEETS     | STA. TO STA.      |        | ILLINOIS FED.   | AID PROJECT |              |       |
| PLOT DATE = 12/13/2019        | DATE - 10-25-94    | REVISED - R. BORO 12-06-11    |                              | SCALE: NONE | SHEET 1 OF 1 SHEETS     | STA. TO STA.      |        | ILLINOIS FED.   | AID PROJECT |              |       |

### CONSTRUCTION PROCEDURES

### STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1½ (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

### STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1 \* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.
- \* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406. 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER.

### LEGEND

| 1) | SUB-BASE GRANULAR<br>MATERIAL                 | 6 FRAME AND LID (SEE NOTES)      |
|----|---|----------------------------------|
| 2) | EXISTING PAVEMENT                             | (7) CLASS PP-1 <b>*</b> CONCRETE |
| 3) | 36 (900) DIAMETER METAL PLATE                 | (8) PROPOSED HMA SURFACE COURSE  |
| 4) | PROPOSED CRUSHED STONE AND<br>HMA SURFACE MIX | 0                                |
| 5) | EXISTING STRUCTURE                            | 9 proposed HMA BINDER COURSE     |

### LOCATION OF STRUCTURES

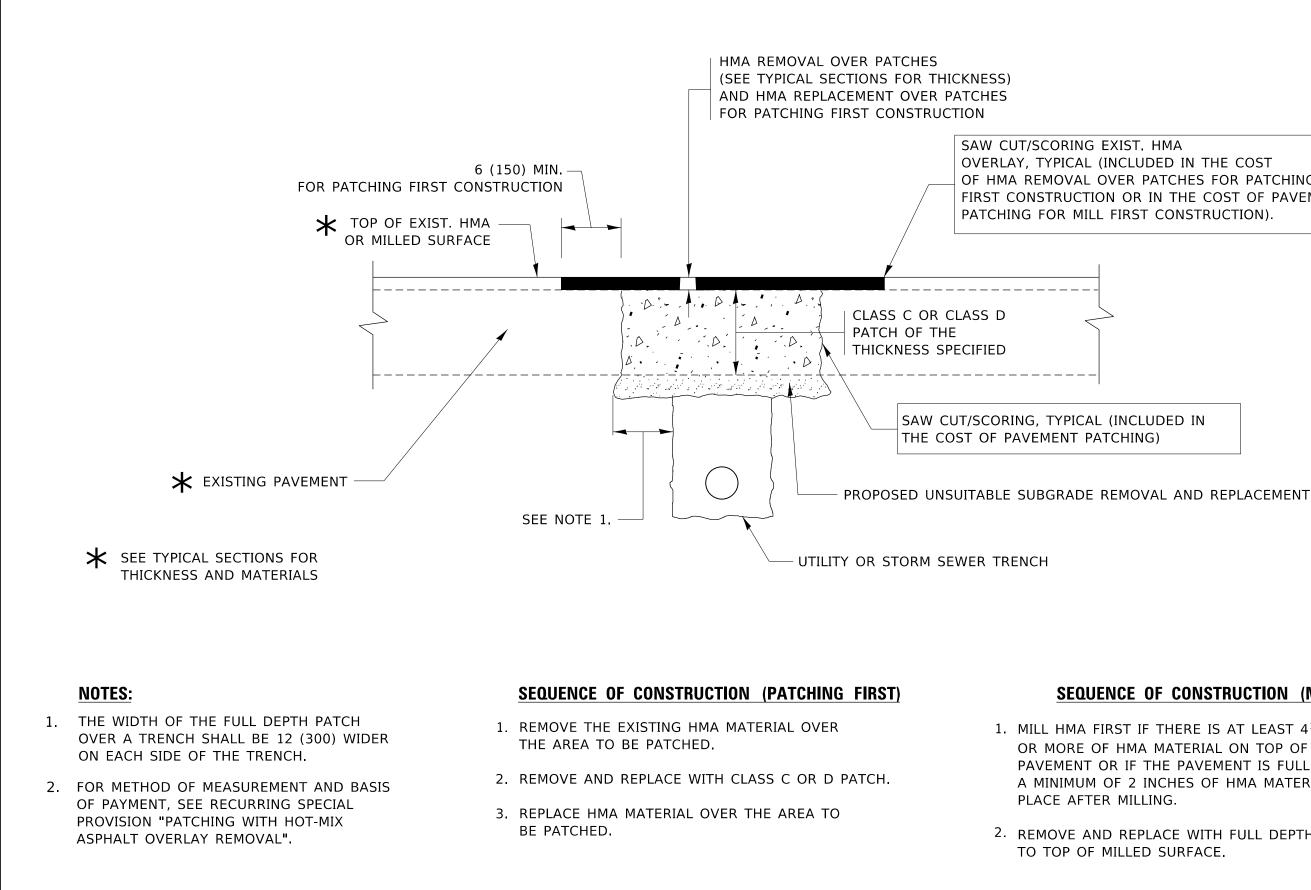
THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

### **BASIS OF PAYMENT**

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL).

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN



| USER NAME = alawnehab      | DESIGNED - R. SHAH | REVISED - A. ABBAS 04-27-98 |   |                                      | PAVEMENT PATCH | ING FOR |                | F.A.P.<br>RTE | SECTION         | COUNTY      | TOTAL SHEET<br>SHEETS NO. |
|----------------------------|--------------------|-----------------------------|---|--------------------------------------|----------------|---------|----------------|---------------|-----------------|-------------|---------------------------|
|                            | DRAWN -            | REVISED - R. BORO 01-01-07  | STATE OF ILLINOIS HMA SUBFACED PAVEMENT |                                      |                |         | 2019-080-RS&SW | СООК          | 51 41           |             |                           |
| PLOT SCALE = 100.0000 / in | CHECKED -          | REVISED R BORO 09-04-07     | DEPARTMENT OF TRANSPORTATION            |                                      |                |         |                | В             | D400–04 (BD–22) | CONTRACT    | F NO. 62J44               |
| PLOT DATE = 12/13/2019     | DATE - 10-25-94    | REVISED K ENG 10-27-08      |   | SCALE: NONE SHEET 1 OF 1 SHEETS STA. |                | STA.    | TO STA.        | ILLINOIS      |                 | AID PROJECT |                           |

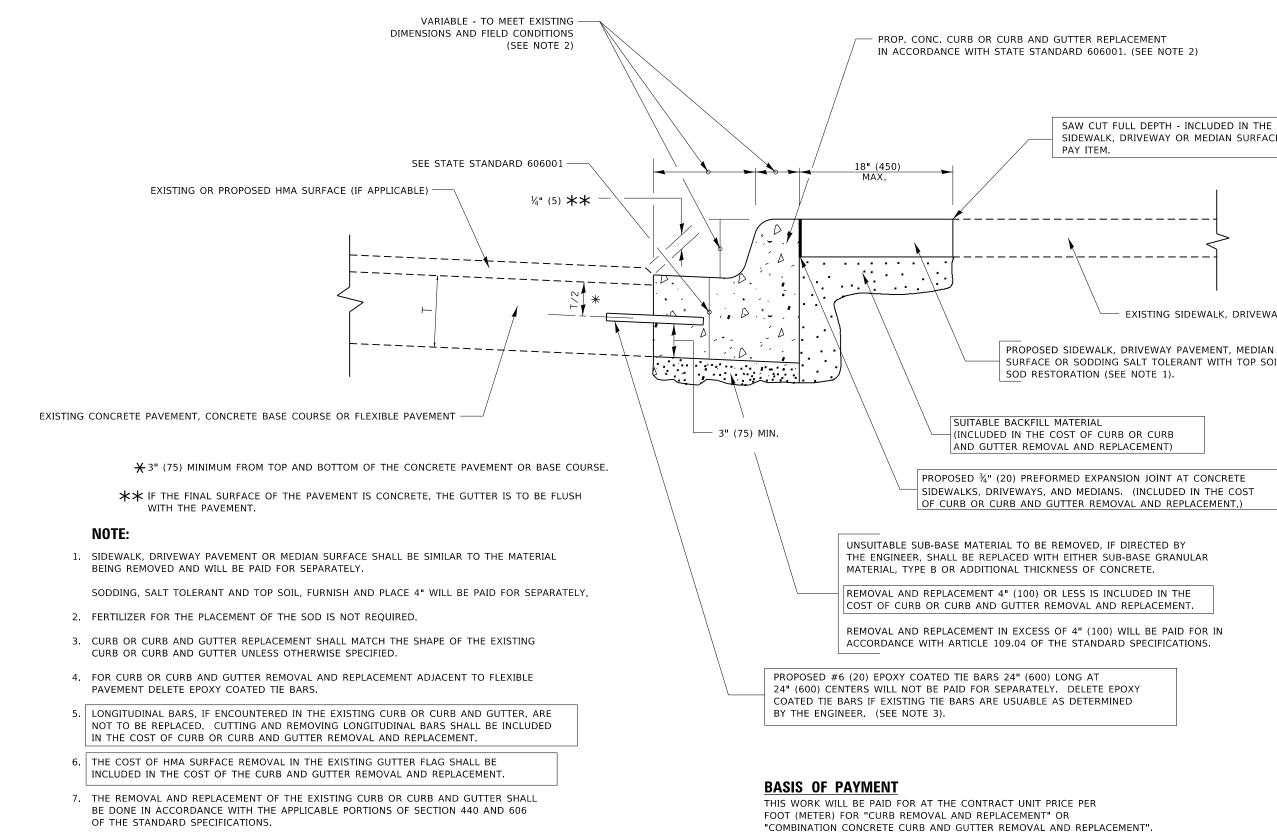
OVERLAY, TYPICAL (INCLUDED IN THE COST OF HMA REMOVAL OVER PATCHES FOR PATCHING FIRST CONSTRUCTION OR IN THE COST OF PAVEMENT PATCHING FOR MILL FIRST CONSTRUCTION).

## **SEQUENCE OF CONSTRUCTION (MILLING FIRST)**

1. MILL HMA FIRST IF THERE IS AT LEAST  $4\frac{1}{2}$  INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN

2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

> ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.



8. THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

# CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

|                               | USER NAME = alawnehab  | DESIGNED - A. HOUSEH | REVISED - R. SHAH 10 | -03-96                       |                   | CURB OB      | CURB AND G | IITTER   | F.A.P.<br>BTE    | SECTION            | COUNTY TOTAL SHEET |
|-------------------------------|------------------------|----------------------|----------------------|------------------------------|-------------------|--------------|------------|----------|------------------|--------------------|--------------------|
|                               |                        | DRAWN -              | REVISED A ABBAS C    | 3-21-97                      | STATE OF ILLINOIS |              | AND REPLAC |          | 378              | 2019-080-RS&SW     | СООК 51 42         |
| PLOT SCALE = 100.0000 ' / in. | CHECKED -              | REVISED M. GOMEZ     | 01-22-01             | DEPARTMENT OF TRANSPORTATION | REIVIUVAL         | AND REPLAC   |            |          | BD600-06 (BD-24) | CONTRACT NO. 62J44 |                    |
| F                             | PLOT DATE = 12/13/2019 | DATE - 03-11-94      | REVISED R BORO 12    | -15-09                       | SCALE: NONE       | SHEET 1 OF 1 | SHEETS STA | . TO STA |                  | ILLINOIS FI        | D. AID PROJECT     |

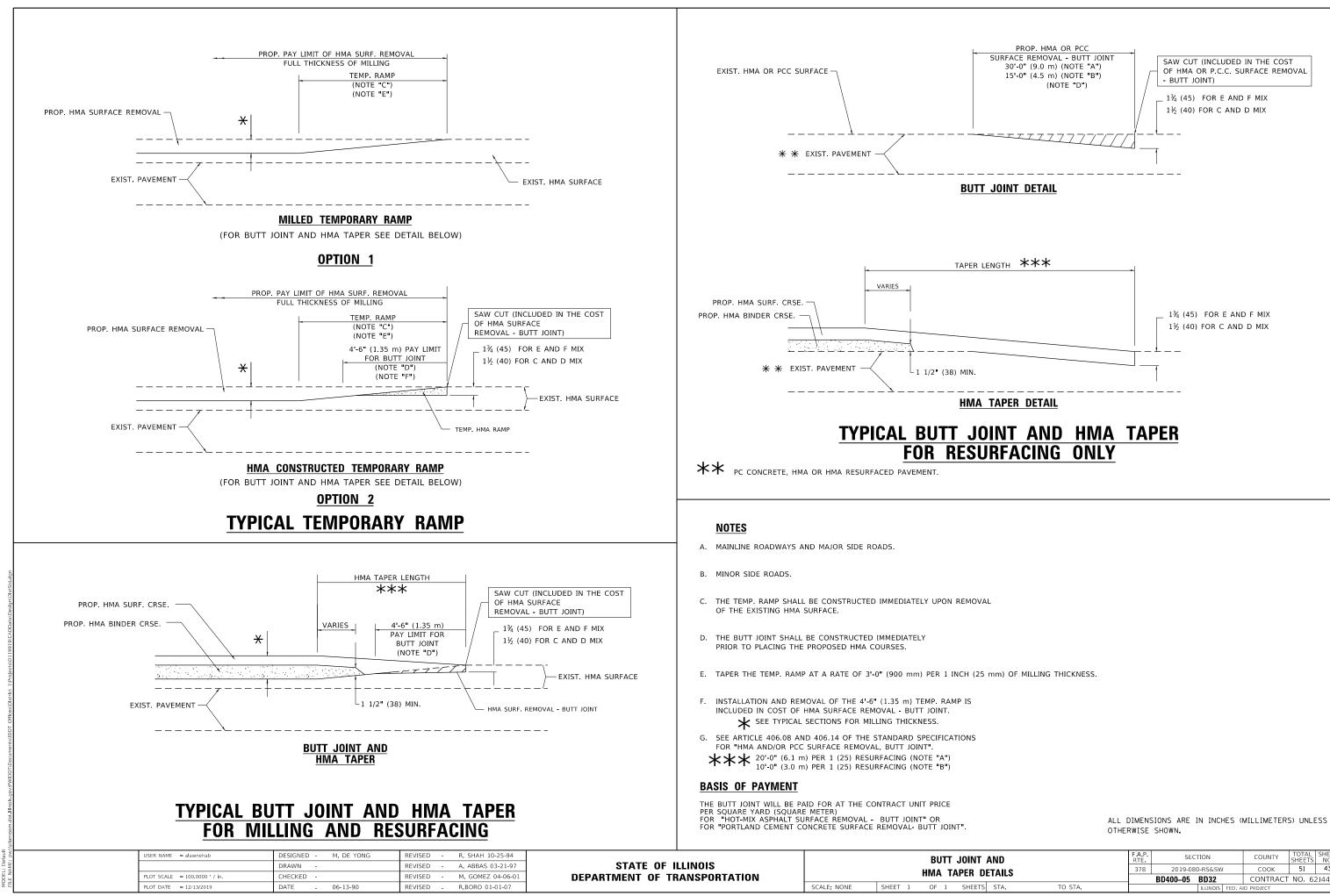
SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100)



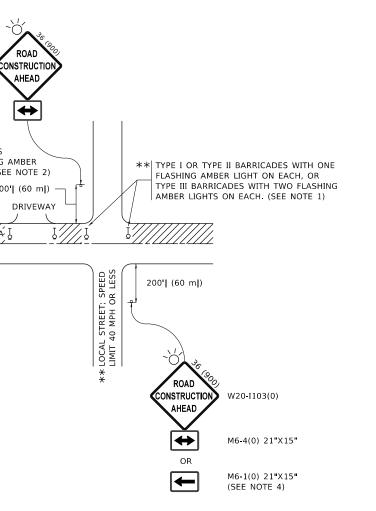
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.



| T AND<br>DETAILS |         | F.A.P.<br>RTE | SECTION                   | COUNTY   | TOTAL<br>SHEETS | SHEET<br>NO. |  |  |  |
|------------------|---------|---------------|---------------------------|----------|-----------------|--------------|--|--|--|
|                  |         | 378           | 2019-080-RS&SW            | СООК     | 51              | 43           |  |  |  |
|                  |         |               | BD400–05 BD32             | CONTRACT | NO. 62          | 2J44         |  |  |  |
| 'S STA.          | TO STA. |               | ILLINOIS FED. AID PROJECT |          |                 |              |  |  |  |

|   | ROAD<br>ROAD<br>ROAD<br>ROAD<br>ROAD<br>ROAD<br>CONSTRUCTION<br>AHEAD<br>15 (380)<br>21 (530)<br>(Egg<br>15 (380)<br>21 (530)<br>(Egg<br>15 (380)<br>(Egg<br>15 (380)<br>(Egg<br>15 (380)<br>(Egg<br>15 (380)<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>(Egg<br>( |
|---|--|
|   | WORK AREA J<br>WORK AREA J<br>* COLLECTOR<br>BEED LIMITS 40 MPH (60 km/h)<br>* CONSTRUCTION<br>HEAD  |
|   | NOTES:   |
| 1 | <ul> <li>SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:</li> <li>a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.</li> <li>b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.</li> </ul>   |
|   | <ul> <li>SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h)<br/>AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:</li> <li>a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A<br/>FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE<br/>OF THE MAIN ROUTE.</li> <li>THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY<br/>BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION<br/>OF THE CLOSED PORTION.</li> <li>CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE<br/>SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710)<br/>IN HEIGHT.</li> </ul>   |
| 4 | WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE<br>SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL<br>BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).<br>TRAFFIC CONTROL AND PROTECTION   |

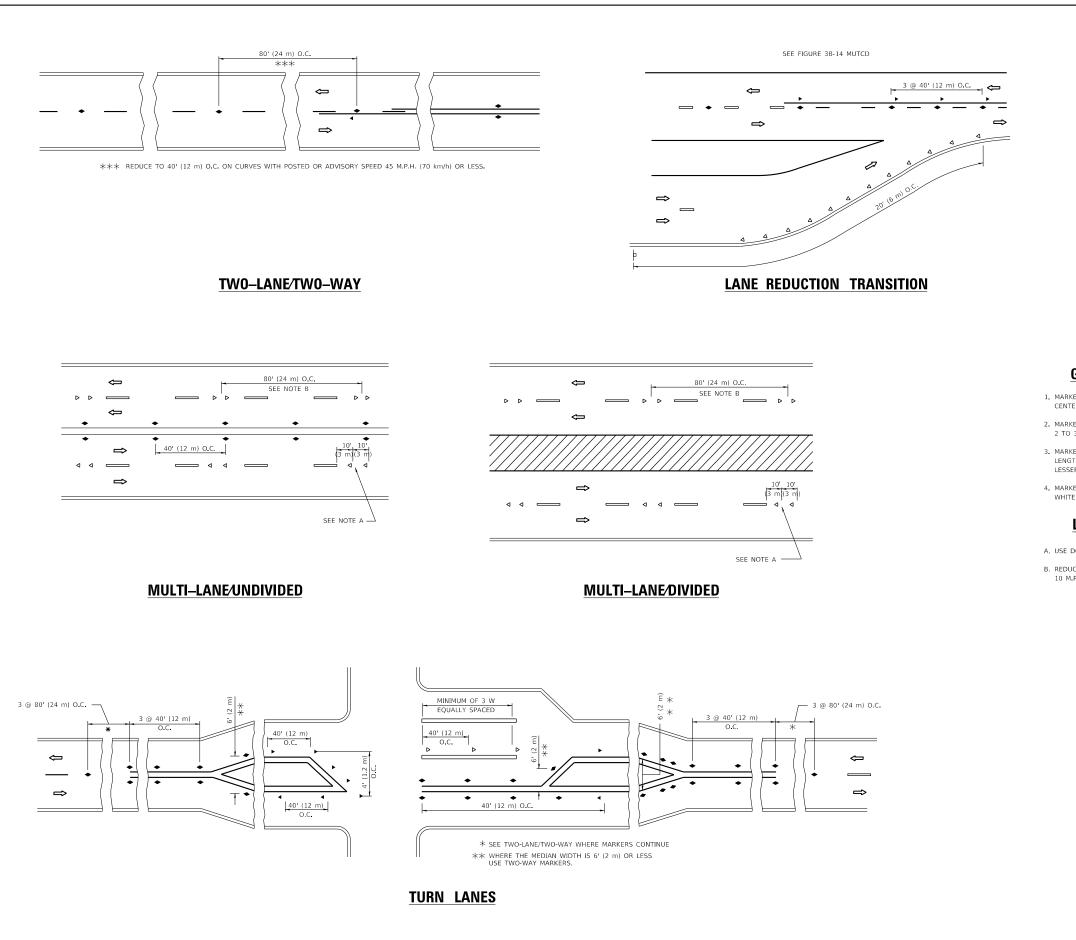
|                               |                 |                                |                  |              |  |                     |                |         |                | otherwise shown. | ies (minimeter | (5)         |
|-------------------------------|-----------------|--------------------------------|------------------|--------------|--|---------------------|----------------|---------|----------------|------------------|----------------|-------------|
| USER NAME = alawnehab         | DESIGNED L.H.A. | REVISED - A. HOUSEH 10-15-96   |                  |              |  | TRAFFIC CONTROL AND | PROTECTION FOR | F.<br>B | A.P.           | SECTION          | COUNTY 5       | TOTAL SHEET |
|                               | DRAWN -         | REVISED T. RAMMACHER 01-06-00  | STATE OF II      | LLINOIS      | SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS |                     | 3              | 378     | 2019-080-RS&SW | соок             | 51 44          |             |
| PLOT SCALE = 100.0000 ' / in. | CHECKED -       | REVISED - A. SCHUETZE 07-01-13 | DEPARTMENT OF TR | ANSPORTATION |  |                     |                |         | TC-10          | CONTRACT N       | NO 62J44       |             |
| PLOT DATE = 12/13/2019        | DATE - 06-89    | REVISED A SCHUETZE 09-15-16    |                  |              | SCALE: NONE                              | SHEET 1 OF 1 SHEETS | STA. TO S      | STA.    |                | ILLINOIS FED. A  | AID PROJECT    |             |
|                               |                 |                                |                  |              |  |                     |                |         |                |                  |                |             |



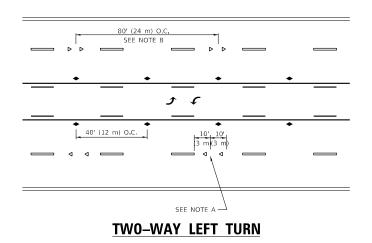
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET UP.

- 6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- 7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

## All dimonsions are in inches (millimeters)



| USER NAME = alawnehab         | DESIGNED - | REVISED - T. RAMMACHER 03-12-99 |                              | TYPICAL APPLICATIONS                                     | F.A.P.<br>BTE | SECTION        | COUNTY TOTA | L SHEET |
|-------------------------------|------------|---------------------------------|------------------------------|--|---------------|----------------|-------------|---------|
|                               | DRAWN -    | REVISED -T. RAMMACHER 01-06-00  | STATE OF ILLINOIS            |  | 378           | 2019-080-RS&SW | СООК 51     | 45      |
| PLOT SCALE = 100.0000 ' / in. | CHECKED -  | REVISED - C. JUCIUS 09-09-09    | DEPARTMENT OF TRANSPORTATION | RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) |               | TC-11          |             | 62144   |
| PLOT DATE = 12/13/2019        | DATE -     | REVISED _ C. JUCIUS 07-01-13    | 5                            | SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.             |               | ILLINOIS FED.  | AID PROJECT |         |



## **GENERAL NOTES**

- 1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
- 2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
- MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
- 4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

## LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

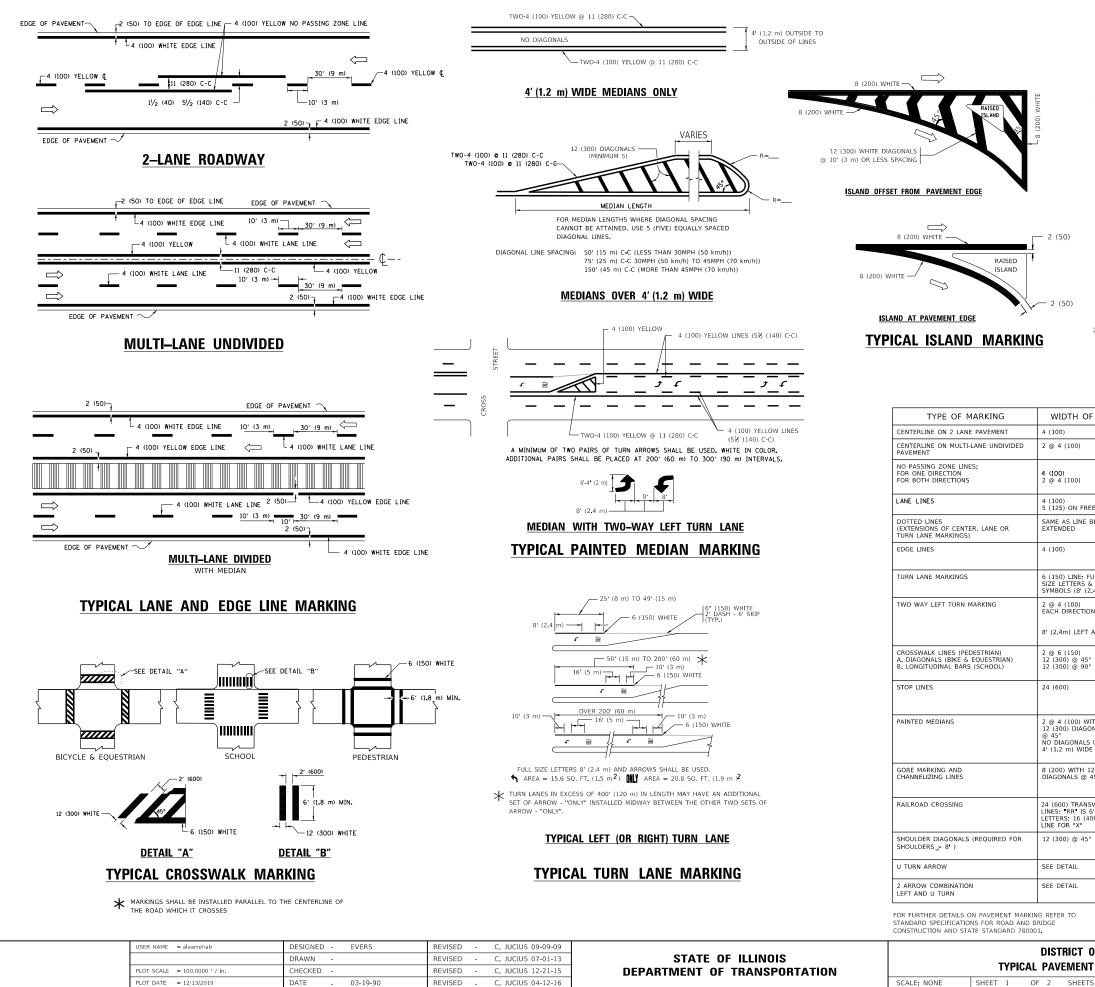
## **SYMBOLS**

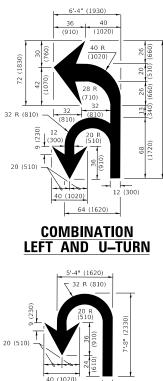
- ----- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (W/O) ۵
- TWO-WAY AMBER MARKER ٠

## **DESIGN NOTES**

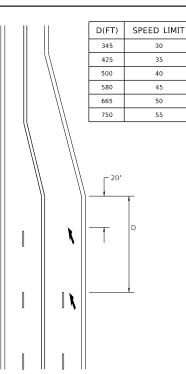
- 1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
- 2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
- 3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
- 4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.

### All dimensions are in inches (millimeters) unless otherwise shown.





**U\_TURN** 



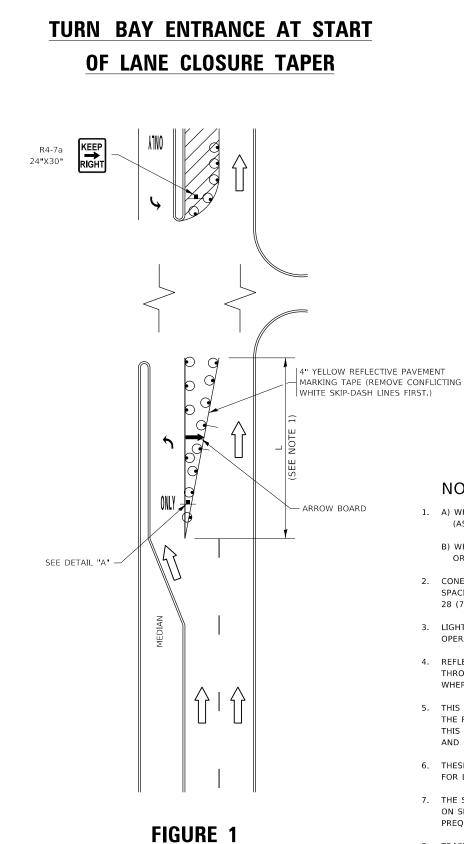
## LANE REDUCTION TRANSITION

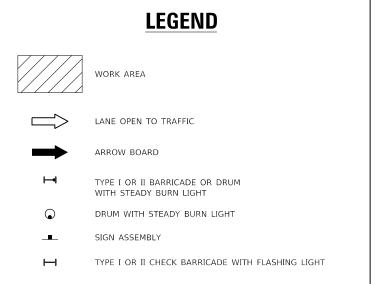
★ LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

| F LINE                                | PATTERN                            | COLOR   | SPACING / REMARKS  |
|---------------------------------------|------------------------------------|---|--|
|                                       | SKIP-DASH                          | YELLOW  | 10' (3 m) LINE WITH 30' (9 m) SPACE  |
|                                       | SOLID                              | YELLOW  | 11 (280) C-C   |
|                                       | SOLID<br>SOLID                     | YELLOW<br>YELLOW  | 5½ (140) C-C FROM SKIP-DASH CENTERLINE<br>11 (280) C-C<br>OMIT SKIP-DASH CENTERLINE BETWEEN  |
| EEWAYS                                | SKIP-DASH<br>SKIP-DASH             | WHITE<br>WHITE  | 10' (3 m) LINE WITH 30' (9 m) SPACE  |
| BEING                                 | SKIP-DASH                          | SAME AS LINE BEING<br>EXTENDED                          | 2' (600) LINE WITH 6' (1.8 m) SPACE  |
|                                       | SOLID                              | YELLOW-LEFT<br>WHITE-RIGHT                              | OUTLINE MEDIANS IN YELLOW  |
| ULL<br>&<br>2.4m))                    | SOLID                              | WHITE   | SEE TYPICAL TURN LANE MARKING DETAIL   |
| ARROW                                 | SKIP-DASH<br>AND SOLID<br>IN PAIRS | YELLOW  | 10° (3 m) LINE WITH 30° (9 m) SPACE FOR<br>SKIP-DASH; 5½ (140) C-C BETWEEN SOLID<br>LINE AND SKIP-DASH LINE<br>SEE TYPICAL TWO-WAY LEFT TURN<br>MARKING DETAIL                 |
| 0                                     | SOLID<br>SOLID<br>SOLID            | WHITE<br>WHITE<br>WHITE                                 | NOT LESS THAN 6' (1.8 m) APART<br>2' (600) APART<br>2' (600) APART<br>SEE TYPICAL CROSSWALK MARKING DETAILS.   |
|                                       | SOLID                              | WHITE   | PLACE 4' (1.2 m) IN ADVANCE OF AND<br>PARALLEL TO CROSSWALK. IF PRESENT.<br>OTHERWISE, PLACE AT DESIRED STOPPING<br>POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE<br>POSSIBLE |
| ITH<br>DNALS<br>USED FOR<br>E MEDIANS | SOLID                              | YELLOW:<br>TWO WAY TRAFFIC<br>WHITE:<br>ONE WAY TRAFFIC | 11 (280) C-C FOR THE DOUBLE LINE<br>SEE TYPICAL PAINTED MEDIAN MARKING.  |
| 12 (300)<br>45°                       | SOLID                              | WHITE   | DIAGONALS:<br>15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h))<br>20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))<br>30' (9 m) C-C (OVER 45MPH (70 km/h))                         |
| SVERSE<br>6' (1.8 m)<br>00)           | SOLID                              | WHITE   | SEE STATE STANDARD 780001<br>AREA OF:<br>"R"=3.6 SQ, FT. (0.33 m 2EACH<br>"X"=54.0 SQ, FT. (5.0 m 2  |
| 0                                     | SOLID                              | WHITE - RIGHT<br>YELLOW - LEFT                          | 50 (15 m) C-C (LESS THAN 30MPH (50 km/h))<br>75 (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h))<br>150' (45 m) C-C (OVER 45MPH (70 km/h))                                     |
|                                       | SOLID                              | WHITE   | 16.3 SF  |
|                                       | SOLID                              | WHITE   | 30.4 SF  |
|                                       |                                    |   | 1  |

All dimensions are in inches (millimeters) unless otherwise shown.

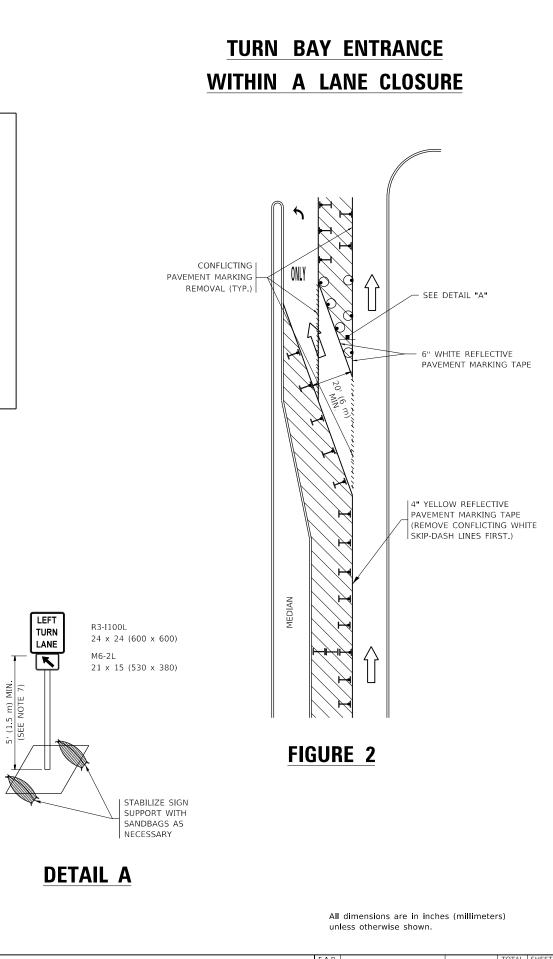
| ONE             |  |     |                         | SECT  | FION            | COUNTY     | SHEET<br>NO. |      |
|-----------------|--|-----|-------------------------|-------|-----------------|------------|--------------|------|
| IT MARKINGS     |  | 378 | 378 2019-080-RS&SW COOK |       |                 |            |              |      |
| II WARKINGS     |  |     |                         | TC-13 |                 | CONTRACT   | NO. 62       | 2J44 |
| TS STA. TO STA. |  |     |                         |       | ILLINOIS FED. A | ID PROJECT |              |      |



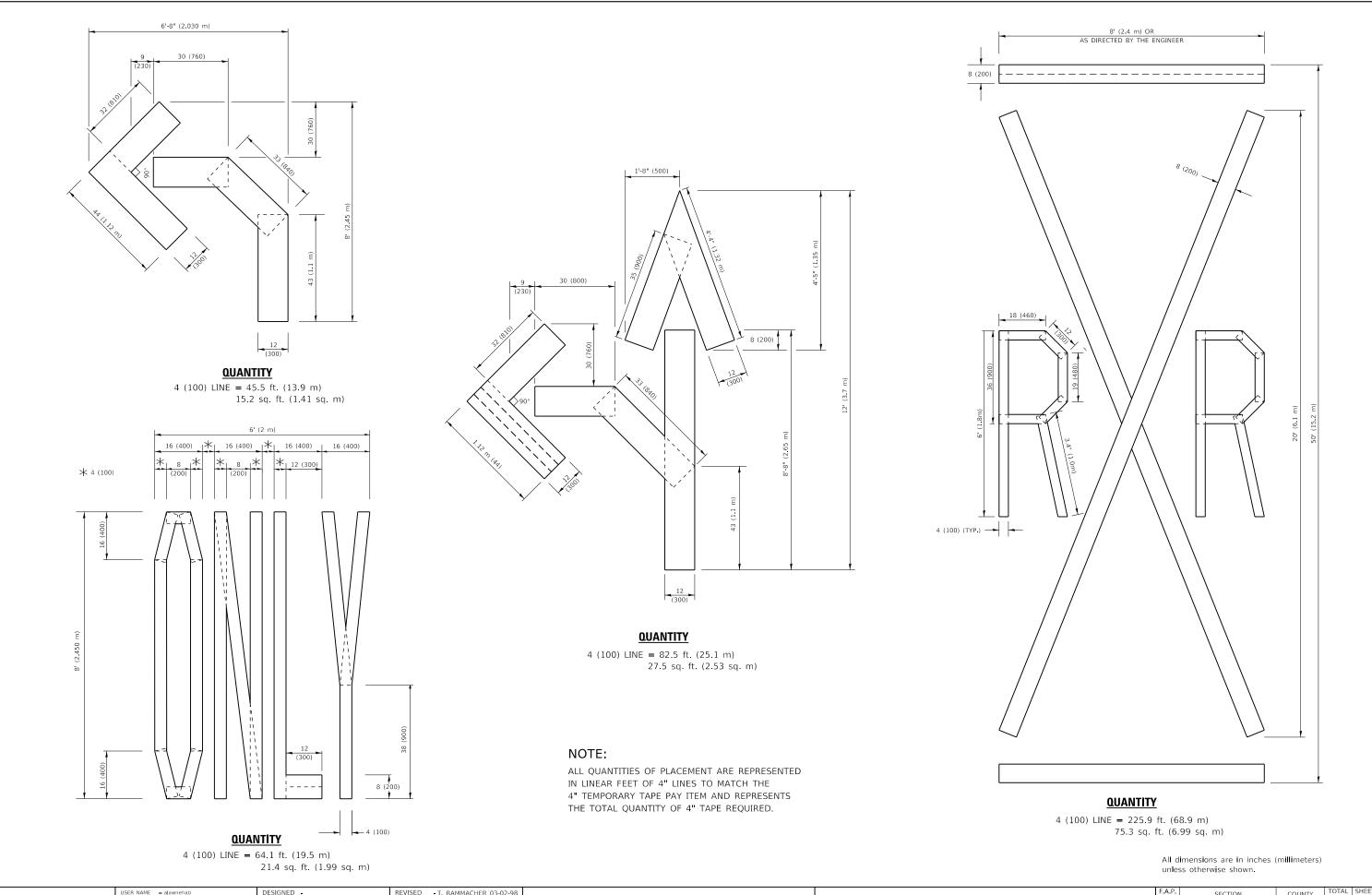


## NOTES:

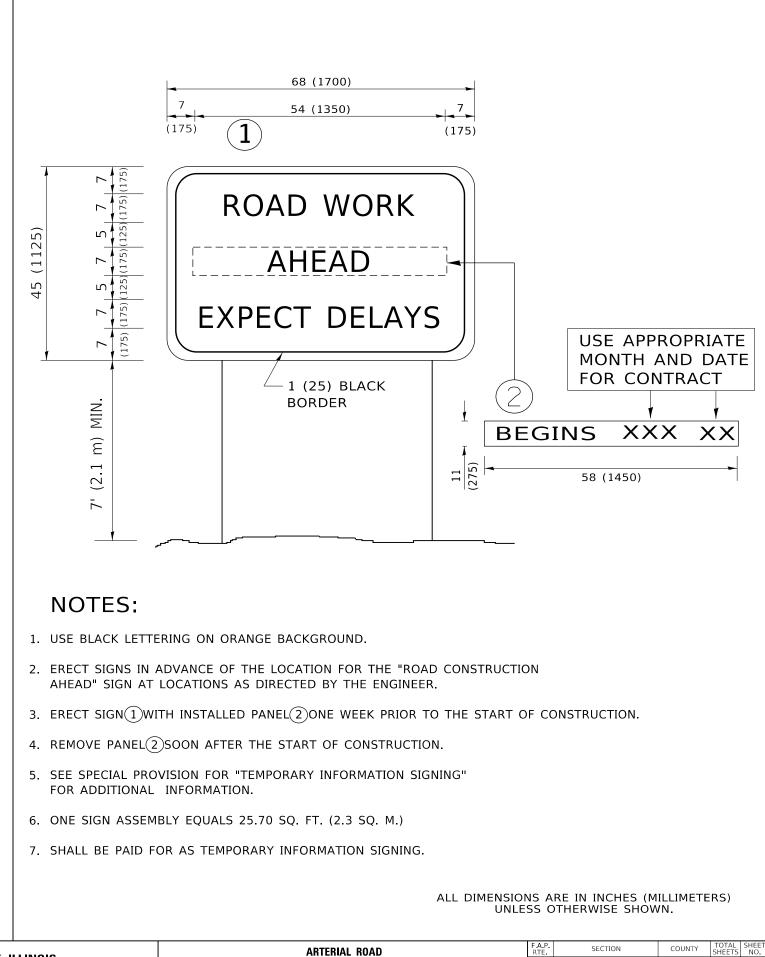
- 1. A) WHEN "L" IS ≤ THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
  - B) WHEN "L" IS > THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
- 2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
- 3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
- 4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
- 5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-1100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
- 6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
- 7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREOUIREMENTS.
- 8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



| USER NAME = alawnehab                                   | DESIGNED - T. RAMMACHER 09-08-94 REVISED - R. BORO 09-14-09                                  |                              | TRAFFIC CONTROL AND PROTECTION AT TURN BAYS           (TO         REMAIN         OPEN         TO         TRAFFIC           SCALE: NONE         SHEET 1         OF 1         SHEETS         STA.         TO STA. | F.A.P.<br>RTE | SECTION                | COUNTY TOTAL SHEET<br>SHEETS NO. |
|---|--|------------------------------|---|---------------|------------------------|----------------------------------|
|   | DRAWN - A. HOUSEH 11-07-95 REVISED - A. SCHUETZE 07-01-13                                    |                              |   |               | 2019-080-RS&SW         | соок 51 47                       |
| PLOT SCALE = 100.0000 ' / in.<br>PLOT DATE = 12/13/2019 | CHECKED A HOUSEH 10-12-96 REVISED - A SCHUETZE 09-15-16 DATE T. RAMMACHER 01-06-00 REVISED - | DEPARTMENT OF TRANSPORTATION | SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.  | _             | TC-14<br>ILLINOIS FED. | AID PROJECT                      |

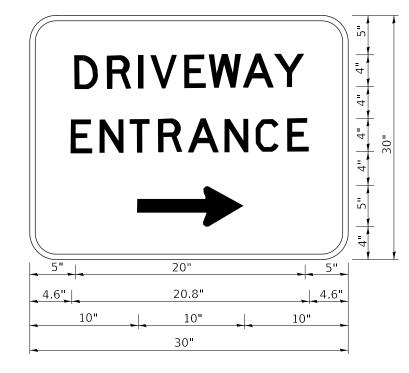


| USER NAME = alawnehab       | DESIGNED -      | REVISED T. RAMMACHER 03-02-98  |                              |                     |              |             |            | F.A.P.<br>RTE | SECTION        | COUNTY         | TOTAL<br>SHEETS | SHEET |
|-----------------------------|-----------------|--------------------------------|------------------------------|---------------------|--------------|-------------|------------|---------------|----------------|----------------|-----------------|-------|
|                             | DRAWN -         | REVISED E. GOMEZ 08-28-00      | STATE OF ILLINOIS            | SHORT TERM PAVE     | MENT MARKING | G LETTERS A | ND SYMBOLS | 378           | 2019-080-RS&SW | СООК           | 51              | 48    |
| PLOT SCALE = 100.0010 / in. | CHECKED -       | REVISED E. GOMEZ 08-28-00      | DEPARTMENT OF TRANSPORTATION |                     |              |             |            |               | TC16           | CONTRAC        | CT NO. 62       | 2J44  |
| PLOT DATE = 12/13/2019      | DATE - 09-18-94 | REVISED - A. SCHUETZE 09-15-16 |                              | SCALE: NONE SHEET 1 | OF 1 SHEETS  | STA.        | TO STA.    |               | ILLINOIS FEI   | D. AID PROJECT |                 |       |



| USER NAME = alawnehab       | DESIGNED - | REVISED - | R. MIRS 09-15-97      |                    |            |             |         | ARTE   | RIAL RO |
|-----------------------------|------------|-----------|-----------------------|--------------------|------------|-------------|---------|--------|---------|
|                             | DRAWN -    | REVISED - | R. MIRS 12-11-97      | STATE OF ILLIN     | NOIS       |             |         |        |         |
| PLOT SCALE = 100.0000 / in. | CHECKED -  | REVISED - | T. RAMMACHER 02-02-99 | DEPARTMENT OF TRAN | SPORTATION |             |         | INFORM | ATION   |
| PLOT DATE = 12/13/2019      | DATE -     | REVISED - | C. JUCIUS 01-31-07    |                    |            | SCALE: NONE | SHEET 1 | OF 1   | SHEETS  |

| ARTE                     | RIAL RO | AD |  | F.A.P.<br>RTE |          |          |        | COUNTY TOTAL<br>SHEETS |        | SHEET<br>NO. |
|--------------------------|---------|----|--|---------------|----------|----------|--------|------------------------|--------|--------------|
| INFORMATION SIGN         |         |    |  |               | 2019-080 | СООК     | 51     | 49                     |        |              |
| INFURIMATION SIGN        |         |    |  |               | TC-22    |          |        | CONTRACT               | NO. 62 | 2J44         |
| OF 1 SHEETS STA. TO STA. |         |    |  |               |          | ILLINOIS | FED. A | D PROJECT              |        |              |

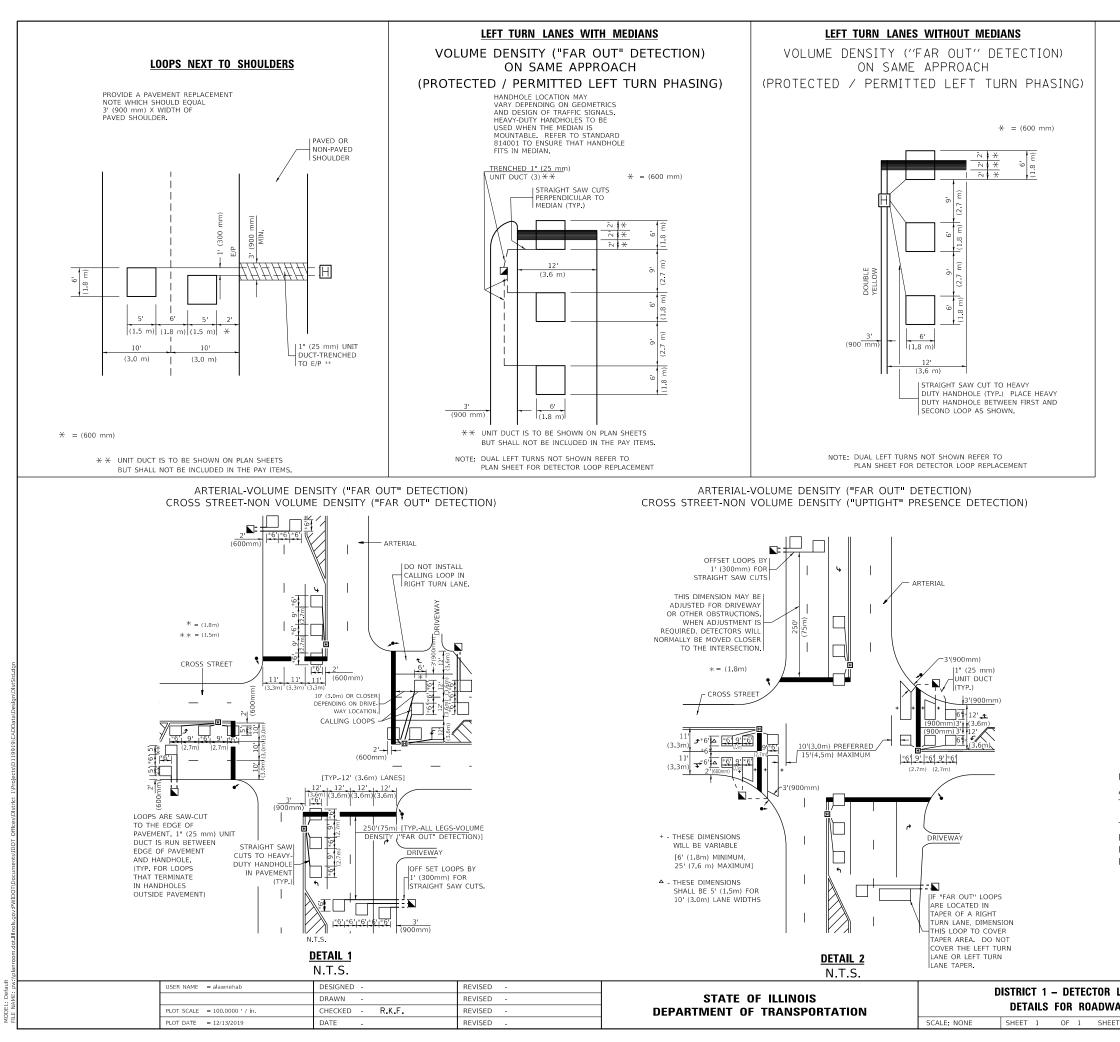


3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

## NOTES:

- 1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
- 2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
- 3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

| _ | USER NAME = alawnehab         | DESIGNED - | REVISED - C JUCIUS 02-15-07 |                              |                           |                          | F.A.P.<br>RTE | SECTION | COUNTY          | TOTAL SHEET<br>SHEETS NO. |             |
|---|-------------------------------|------------|-----------------------------|------------------------------|---------------------------|--------------------------|---------------|---------|-----------------|---------------------------|-------------|
|   |                               | DRAWN -    | REVISED -                   | STATE OF ILLINOIS            | DRIVEWAY ENTRANCE SIGNING |                          |               | 378     | 2019-080-RS&SW  | соок                      | 51 50       |
|   | PLOT SCALE = 100.0000 ' / in. | CHECKED -  | REVISED -                   | DEPARTMENT OF TRANSPORTATION |                           |                          |               |         | TC-26           | CONTRACT                  | T NO. 62J44 |
|   | PLOT DATE = 12/13/2019        | DATE -     | REVISED -                   |                              | SCALE: NONE               | SHEET 1 OF 2 SHEETS STA. | TO STA.       |         | ILLINOIS FED. A | AID PROJECT               |             |



NOTES:

## VEHICLES LOOP DETECTORS

- \* ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- $\ast\,$  Each detector loop shall have its own saw cut from the loop to the edge of pavement or to a handhole in the pavement.
- \* EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATLY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- \* ONE DIMENSION OF <u>ALL</u> DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- \* EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- \* WHEN NON-LOCKING, PRESENCE DETECTION IS USED, <u>MORE</u> THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- \* WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. <u>EACH</u> ONE OF THESE TYPE OF LOOPS REQUIRES A <u>SEPARATE</u> TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A <u>SEPARATE</u> INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

## PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON <u>ALL</u> SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

| LOOP INSTALLATION |  |     | F.A.P.<br>RTE  | SECTION         | COUNTY     | TOTAL<br>SHEETS | SHEET<br>NO. |
|-------------------|--|-----|----------------|-----------------|------------|-----------------|--------------|
| AY RESURFACING    |  | 378 | 2019-080-RS&SW | соок            | 51         | 51              |              |
| TS STA. TO STA.   |  |     |                | TS-07           | CONTRACT   | NO. 63          | 2J44         |
|                   |  |     |                | ILLINOIS FED. A | ID PROJECT |                 |              |