

08-02-2024 LETTING ITEM 007

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU ROUTE 1397 (ST. CHARLES ROAD) IL ROUTE 53 (COLUMBINE AVENUE) TO GRACE STREET ROADWAY RESURFACING SECTION NO.: 22-00163-00-RS PROJECT NO.: SJSS(141) VILLAGE OF LOMBARD DUPAGE COUNTY JOB NO.: C-91-193-22

Table with columns: F.A.U. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO. Values: 1397, 22-00163-00-RS, DUPAGE, 63, 1

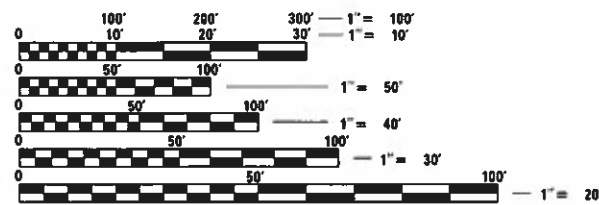
FOR INDEX OF SHEETS, SEE SHEET NO. 2 FOR LIST OF APPLICABLE HIGHWAY STANDARDS SEE SHEET 2

TRAFFIC DATA ST. CHARLES ROAD FUNCTIONAL CLASSIFICATION: MINOR ARTERIAL ADT=9,400 VEHICLES PER DAY (2020) POSTED SPEED: 35 MPH (WEST OF CRESCENT BLVD.) 25 MPH (EAST OF CRESCENT BLVD.)



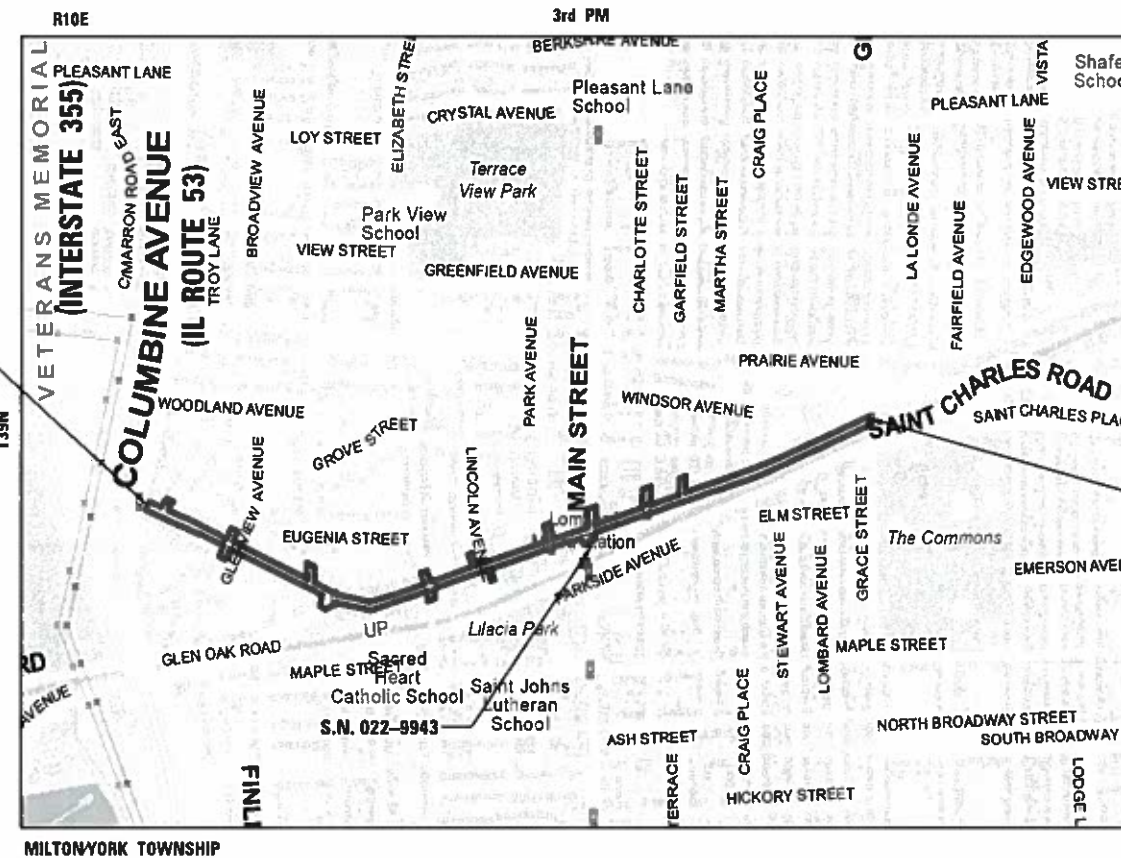
LOCATION OF SECTION INDICATED THIS: - [Symbol]

FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, P.E. SCHAUMBURG, ILLINOIS



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD 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. JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123 OR 811



LOCATION MAP (NOT TO SCALE)

GROSS LENGTH = 7,239 FT. = 1.37 MILES NET LENGTH = 7,239 FT. = 1.37 MILES



PROJECT ENDS STA 154 + 49.50

PROJECT BEGINS STA 82 + 10.65

Professional Engineer seals for Jason Souden and George M. Ziegler, including registration numbers and expiration dates.

Approval stamps from Village Engineer, District 1 Engineer of Local Roads and Streets, and Regional Engineer, dated June 3, 2024.

CONTRACT NO. 61K57

CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500

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# GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2022; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2024; THE "ILLINOIS SUPPLEMENT TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", REVISION 3, DATED NOVEMBER 2021; THE "DETAILS" IN THE PLANS; AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THIS PROJECT.
- THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE RESIDENT ENGINEER SHALL CONTACT FADI SULTAN, AREA TRAFFIC FIELD ENGINEER VIA EMAIL AT [FADI.SULTAN@ILLINOIS.GOV](mailto:FADI.SULTAN@ILLINOIS.GOV) A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- THE CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07 REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.
- UTILITIES: THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER.
- SOIL EROSION AND SEDIMENT CONTROL**
  - SOIL EROSION AND SEDIMENT CONTROL (SESC) FEATURES MUST BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE. SOIL DISTURBANCE MUST BE PHASED OR ENACTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES MUST CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY AND/OR PERMANENT MEASURES.
  - UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE INSTALLED AT MINIMUM ACCORDING TO THE STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL, REVISED TO LATEST VERSION AS AMENDED.
  - THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE PRESERVATION OF EXISTING TREES IS OF UTMOST IMPORTANCE TO THE VILLAGE OF LOMBARD. EXISTING VEGETATED AREAS (TREES, SHRUBS, VEGETATIVE BUFFERS, LANDSCAPED AREAS, TURF AREAS, ETC.) WHERE DISTURBANCE IS NOT OCCURRING (INCLUDING AREAS OUTSIDE THE PROJECT LIMITS) SHALL NOT BE DISTURBED TO ENSURE THAT EXISTING VEGETATION IS PRESERVED HEALTHY TO MINIMIZE SOIL EROSION AND TO ELIMINATE SOIL COMPACTION. NO MATERIALS ARE TO BE STORED OR VEHICLES DRIVEN OR PARKED WITHIN THESE UNDISTURBED AREAS AT ANY TIME.
  - ALL NITROGEN, PHOSPHOROUS AND POTASSIUM FERTILIZER NUTRIENTS HAVE BEEN INTENTIONALLY OMITTED FROM THE CONTRACT ON THE SODDING APPLICATION.
  - THE EROSION AND SEDIMENT CONTROLS SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED AS DIRECTED BY THE ENGINEER. ALL ADDITIONAL MEASURES MUST BE IN PLACE WITHIN 3 DAYS OF DISTURBANCE AND ANY EMERGENCY SESC MEASURES MUST BE INSTALLED IMMEDIATELY.

- THE CONTRACTOR MUST CLEAN UP, GRADE THE WORK AREAS AS THE PROJECT PROGRESSES, AND INSTALL TEMPORARY OR PERMANENT EROSION PROTECTION TO CONTROL SOIL EROSION, OR INSTALL APPROPRIATE SEDIMENT CONTROL DEVICES TO TRAP SEDIMENT. PAVEMENT MUST BE CLEANED DAILY OR AS NECESSARY TO REMOVE TRACK-OUT MATERIAL.
  - DURING DE-WATERING/PUMPING OPERATIONS, ONLY UNCONTAMINATED WATER SHOULD BE ALLOWED TO DISCHARGE TO PROTECTED NATURAL AREAS, WATERS OF THE STATE, OR TO A STORM SEWER SYSTEM (IN ACCORDANCE WITH LOCAL PERMITS). INLET HOSES SHOULD BE FLOATED AT THE SURFACE OF THE WATER IN ORDER TO LIMIT THE AMOUNT OF SEDIMENT INTAKE. PUMPING OPERATIONS MAY BE DISCHARGED TO A STABILIZED AREA THAT CONSISTS OF AN ENERGY DISSIPATING DEVICE (E.G., STONE), SEDIMENT FILTER BAG, OR BOTH. ADEQUATE EROSION AND SEDIMENT CONTROLS SHOULD BE USED DURING DE-WATERING OPERATIONS AS NECESSARY. DEWATERING SEDIMENT LADEN WATER DIRECTLY INTO FIELD TILES, STORM WATER STRUCTURES, OR "WATERS OF THE US" IS PROHIBITED.
  - CONSTRUCTION ACTIVITIES MUST BE SCHEDULED TO MINIMIZE THE TIME SOIL IS EXPOSED AND UNPROTECTED. IN NO CASE WILL THE EXISTING VEGETATION BE DESTROYED, REMOVED, OR DISTURBED MORE THAN FOURTEEN (14) DAYS PRIOR TO THE INITIATION OF IMPROVEMENTS.
  - ALL DISTURBED SOILS ARE TO BE STABILIZED, TEMPORARILY OR PERMANENTLY, WITHIN SEVEN (7) DAYS OF CONSTRUCTION ACTIVITY HAVING CEASED IF THE SOIL IS TO REMAIN UNDISTURBED FOR MORE THAN FOURTEEN (14) DAYS.
- 8. MAINTENANCE OF TRAFFIC**
- THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT EXCEPT FOR PERIODS OF SHORT DURATION AS APPROVED BY THE ENGINEER.
  - A QUANTITY OF TEMPORARY INFORMATION SIGNING HAS BEEN INCLUED FOR USED AS TEMPORARY DRIVEWAY SIGNING AS DIRECTED BY THE ENGINEER.

- IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COORDINATE WITH THE UNION PACIFIC RAILROAD AND WITH METRA WHENEVER CONSTRUCTION ACTIVITY IS WITHIN 25 FEET OF THE RAILROAD ROW. THE CONTRACTOR SHALL RETAIN FLAGMEN EMPLOYED AND DESIGNATED BY THE UNION PACIFIC RAILROAD TO MONITOR ON-COMING TRAIN TRAFFIC, AND ADVISE CONTRACTOR PERSONNEL WHEN ACTIVITY ON OR NEAR THE RAILROAD RIGHT-OF-WAY MAY PROCEED. THIS ITEM WILL BE PAID FOR ACCORDING TO ARTICLE 107.12 AND WILL BE REIMBURSED ACCORDING TO ARTICLE 109.05.

## COMMITMENTS

NONE

## INDEX OF SHEETS

|         |   |
|---------|---|
| 1       | COVER SHEET   |
| 2       | GENERAL NOTES, INDEX OF SHEETS, DETAILS, STANDARDS, AND COMMITMENTS |
| 3 - 8   | SUMMARY OF QUANTITIES   |
| 9       | TYPICAL SECTIONS  |
| 10 - 11 | ALIGNMENTS, TIES AND BENCHMARKS                                     |
| 12 - 18 | ROADWAY PLAN  |
| 19 - 25 | PAVEMENT MARKING PLAN   |
| 26 - 32 | EROSION CONTROL PLAN  |
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| 53 - 63 | DISTRICT ONE DETAILS  |

## DISTRICT ONE DETAILS

|       |  |
|-------|--|
| BD-01 | DRIVEWAY DETAILS – DISTANCE BETWEEN R.O.W. AND FACE OF CURB > = 15'        |
| BD-02 | DRIVEWAY DETAILS – DISTANCE BETWEEN R.O.W. AND FACE OF CURB < 15'          |
| BD-08 | DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING                        |
| BD-22 | PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT                                |
| BD-32 | BUTT JOINT AND HMA TAPER DETAILS   |
| TC-10 | TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS |
| TC-13 | TYPICAL PAVEMENT MARKINGS  |
| TC-16 | SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS                            |
| TC-22 | ARTERIAL ROAD INFORMATION SIGN   |
| TC-26 | DRIVEWAY ENTRANCE SIGNING  |
| TS-05 | DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS                        |
| TS-07 | DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING                 |

## HIGHWAY STANDARDS

|           |  |
|-----------|--|
| 000001-08 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS                                 |
| 280001-07 | TEMPORARY EROSION CONTROL SYSTEMS  |
| 424001-11 | PERPENDICULAR CURB RAMPS FOR SIDEWALKS                                       |
| 424011-04 | CORNER PARALLEL CURB RAMPS FOR SIDEWALKS                                     |
| 424016-05 | MID-BLOCK CURB RAMPS FOR SIDEWALKS   |
| 424021-06 | DEPRESSED CORNER FOR SIDEWALKS   |
| 424026-03 | ENTRANCE/ALLEY PEDESTRIAN CROSSINGS  |
| 442201-03 | CLASS C AND D PATCHES  |
| 606001-08 | CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER                |
| 701006-05 | OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE    |
| 701101-05 | OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE |
| 701106-02 | OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY                   |
| 701301-04 | LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS                                  |
| 701311-03 | LANE CLOSURE, 2L, 2W, MOVING OPERATIONS – DAY ONLY                           |
| 701427-05 | LANE CLOSURE, MULTI-LANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH  |
| 701501-06 | URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED  |
| 701606-10 | URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN               |
| 701701-10 | URBAN LANE CLOSURE, MULTILANE INTERSECTION                                   |
| 701801-06 | SIDEWALK, CORNER OR CROSSWALK CLOSURE  |
| 701901-09 | TRAFFIC CONTROL DEVICES  |
| 720001-01 | SIGN PANEL MOUNTING DETAILS  |
| 720006-04 | SIGN PANEL ERECTION DETAILS  |
| 780001-05 | TYPICAL PAVEMENT MARKINGS  |
| 873001-04 | TRAFFIC SIGNAL GROUNDING & BONDING   |
| 878001-11 | CONCRETE FOUNDATION DETAILS  |
| 880006-01 | TRAFFIC SIGNAL MOUNTING DETAILS  |
| 886001-01 | DETECTOR LOOP INSTALLATIONS  |
| 886006-01 | TYPICAL LAYOUTS FOR DETECTION LOOPS  |

|               |                 |      |
|---------------|-----------------|------|
| PLAN          | SURVEYED        | DATE |
| NOTE BOOK NO. | PLOTTED         | BY   |
|               | GRADES CHECKED  |      |
|               | STRUCTURE NOTED |      |
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| PROFILE       | SURVEYED        | DATE |
| NOTE BOOK NO. | PLOTTED         | BY   |
|               | GRADES CHECKED  |      |
|               | STRUCTURE NOTED |      |
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|  |                       |                |           |   |  |                    |                     |        |              |                           |
|--|-----------------------|----------------|-----------|---|--|--------------------|---------------------|--------|--------------|---------------------------|
| FILE NAME =                              | USER NAME = sipatel   | DESIGNED - VMR | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>GENERAL NOTES, INDEX OF SHEETS, DETAILS, STANDARDS, AND COMMITMENTS</b> | FAU RTE.           | SECTION             | COUNTY | TOTAL SHEETS | SHEET NO.                 |
| N:\Lombard\210413\Cv1\0161K57-NOT.01.dgn |                       | DRAWN - PMM    | REVISED - |   |  | 1397               | 22-00163-00-R5      | DUPAGE | 63           | 2                         |
| Default                                  |                       | CHECKED - LMF  | REVISED - |   |  | CONTRACT NO. 61K57 |                     |        |              |                           |
|  | PLOT DATE = 5/29/2024 | DATE -         | REVISED - |   |  | SCALE:             | SHEET 1 OF 1 SHEETS | STA.   | TO STA.      | ILLINOIS FED. AID PROJECT |

CONSTRUCTION CODE  
STU FUNDS  
60% FED / 40% LOCAL

| S.I. | CODED PAY ITEM NUMBER | ITEM   | UNIT  | TOTAL QUANTITY | ROADWAY RESURFACING MAINTENANCE 0005 | TRAINEES 0042 |
|------|-----------------------|--|-------|----------------|--------------------------------------|---------------|
|      | 20101100              | TREE TRUNK PROTECTION                            | EACH  | 13             | 13                                   |               |
|      | 20200100              | EARTH EXCAVATION                                 | CU YD | 235            | 235                                  |               |
|      | 20201200              | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL      | CU YD | 45             | 45                                   |               |
|      | 21101505              | TOPSOIL EXCAVATION AND PLACEMENT                 | CU YD | 25             | 25                                   |               |
|      | 25200110              | SODDING, SALT TOLERANT                           | SQ YD | 250            | 250                                  |               |
|      | 25200200              | SUPPLEMENTAL WATERING                            | UNIT  | 14             | 14                                   |               |
|      | 28000250              | TEMPORARY EROSION CONTROL SEEDING                | POUND | 35             | 35                                   |               |
|      | 28001100              | TEMPORARY EROSION CONTROL BLANKET                | SQ YD | 250            | 250                                  |               |
|      | 35300060              | PORTLAND CEMENT CONCRETE BASE COURSE, 4"         | SQ YD | 697            | 697                                  |               |
|      | 35800200              | AGGREGATE BASE REPAIR                            | TON   | 1715           | 1715                                 |               |
|      | 40201000              | AGGREGATE FOR TEMPORARY ACCESS                   | TON   | 200            | 200                                  |               |
|      | 40600295              | BITUMINOUS MATERIALS (TACK COAT)                 | POUND | 26174          | 26174                                |               |
|      | 40600370              | LONGITUDINAL JOINT SEALANT                       | FOOT  | 23200          | 23200                                |               |
|      | 40600400              | MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS       | TON   | 25             | 25                                   |               |
|      | 40600900              | HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N50 | TON   | 25             | 25                                   |               |

+ INDICATES SPECIALTY ITEM

PLANNING  
NOT: 0006  
NO.

NOT: 0006  
NO.









CONSTRUCTION CODE  
STU FUNDS  
60% FED / 40% LOCAL

| S.I. | CODED PAY<br>ITEM NUMBER | ITEM   | UNIT  | TOTAL<br>QUANTITY | ROADWAY RESURFACING<br>MAINTENANCE<br>0005 | TRAINEES<br>0042 |
|------|--------------------------|--|-------|-------------------|--|------------------|
| +    | 78000400                 | THERMOPLASTIC PAVEMENT MARKING - LINE 6"                           | FOOT  | 5198              | 5198                                       |                  |
| +    | 78000500                 | THERMOPLASTIC PAVEMENT MARKING - LINE 8"                           | FOOT  | 182               | 182  |                  |
| +    | 78000600                 | THERMOPLASTIC PAVEMENT MARKING - LINE 12"                          | FOOT  | 694               | 694  |                  |
| +    | 78000650                 | THERMOPLASTIC PAVEMENT MARKING - LINE 24"                          | FOOT  | 574               | 574  |                  |
|      | 78300202                 | PAVEMENT MARKING REMOVAL - WATER BLASTING                          | SQ FT | 2400              | 2400                                       |                  |
| +    | 81028200                 | UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.                     | FOOT  | 87                | 87   |                  |
| +    | 85000200                 | MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION                | EACH  | 1                 | 1  |                  |
| +    | 87301215                 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C                        | FOOT  | 520               | 520  |                  |
| +    | 87301900                 | ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT  | 171               | 171  |                  |
| +    | 87900200                 | DRILL EXISTING HANDHOLE  | EACH  | 4                 | 4  |                  |
| +    | 89502375                 | REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT                           | EACH  | 1                 | 1  |                  |
| +    | 89502376                 | REBUILD EXISTING HANDHOLE  | EACH  | 1                 | 1  |                  |
|      | X0326806                 | WASHOUT BASIN  | L SUM | 1                 | 1  |                  |
|      | X0327611                 | REMOVE AND REINSTALL BRICK PAVER                                   | SQ FT | 900               | 900  |                  |
|      | X0327989                 | REMOVE EXISTING BRICK PAVERS                                       | SQ FT | 1300              | 1300                                       |                  |

+ INDICATES SPECIALTY ITEM

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| DESIGNED - VMR | REVISED - | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION | ST CHARLES ROAD<br>SUMMARY OF QUANTITIES |                          | FAU<br>RTE. 1397 | SECTION<br>22-00163-00-RS | COUNTY<br>DUPAGE | TOTAL SHEET<br>SHEETS NO.<br>63 7 |  |
| DRAWN - PMM    | REVISED - |   | SCALE:                                   | SHEET 5 OF 6 SHEETS STA. | TO STA.          | ILLINOIS FED. AID PROJECT |                  |                                   |  |
| CHECKED - LMF  | REVISED - |   | CONTRACT NO. 61K57                       |                          |                  |                           |                  |                                   |  |
| DATE -         | REVISED - |   |  |                          |                  |                           |                  |                                   |  |

CONSTRUCTION CODE  
STU FUNDS  
60% FED / 40% LOCAL

| S.I. | CODED PAY ITEM NUMBER | ITEM   | UNIT   | TOTAL QUANTITY | ROADWAY RESURFACING MAINTENANCE 0005 | TRAINEES 0042 |
|------|-----------------------|--|--------|----------------|--------------------------------------|---------------|
|      | X0540000              | BRICK PAVERS   | SQ FT  | 6270           | 6270                                 |               |
| +    | X1400378              | PEDESTRIAN SIGNAL POST, 5 FT.                              | EACH   | 4              | 4                                    |               |
|      | X6026050              | SANITARY MANHOLES TO BE ADJUSTED                           | EACH   | 32             | 32                                   |               |
|      | X6700407              | ENGINEER'S FIELD OFFICE, TYPE A (D1)                       | CAL MO | 6              | 6                                    |               |
| +    | X8510204              | PAINT NEW PEDESTRIAN PUSH-BUTTON POST                      | EACH   | 4              | 4                                    |               |
| +    | X8760200              | ACCESSIBLE PEDESTRIAN SIGNALS                              | EACH   | 8              | 8                                    |               |
| +    | X8780012              | CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER               | FOOT   | 16             | 16                                   |               |
| +    | X8860105              | DETECTOR LOOP REPLACEMENT                                  | FOOT   | 66             | 66                                   |               |
|      | XX008159              | PORTLAND CEMENT CONCRETE BAND FOR PAVER BRICKS             | FOOT   | 1450           | 1450                                 |               |
|      | Z0013798              | CONSTRUCTION LAYOUT  | L SUM  | 1              | 1                                    |               |
|      | Z0023202              | SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER CLEANING | EACH   | 100            | 100                                  |               |
|      | Z0023203              | SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER          | EACH   | 100            | 100                                  |               |
|      | Z0030850              | TEMPORARY INFORMATION SIGNING                              | SQ FT  | 92             | 92                                   |               |
|      | Z0076600              | TRAINEES   | HOUR   | 1000           |                                      | 1000          |
|      | Z0076604              | TRAINEES TRAINING PROGRAM GRADUATE                         | HOUR   | 1000           |                                      | 1000          |

+ INDICATES SPECIALTY ITEM

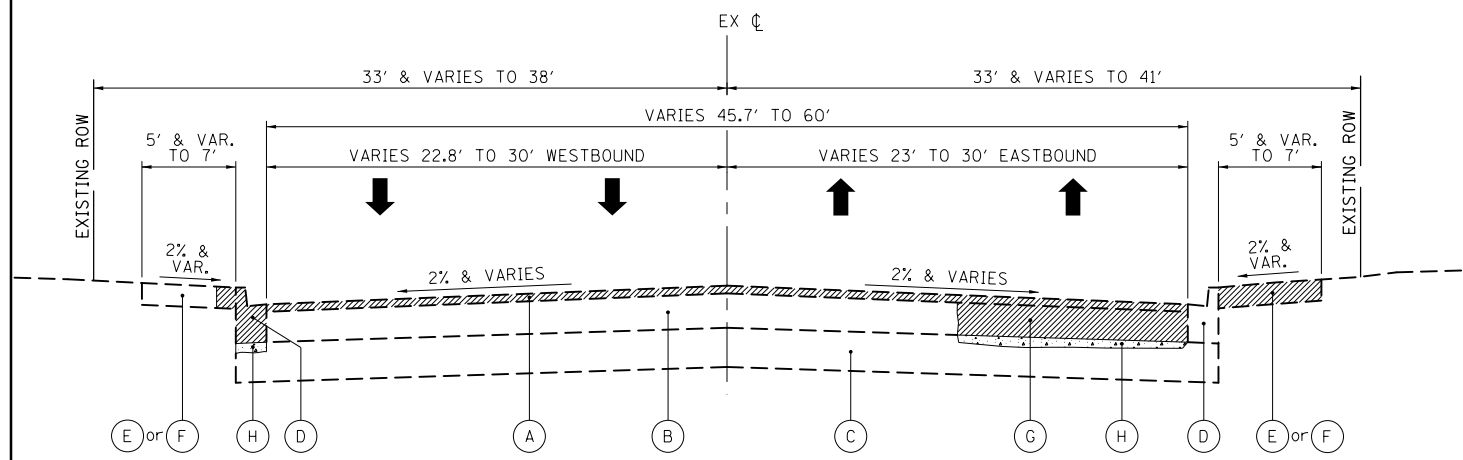
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NOT FILED

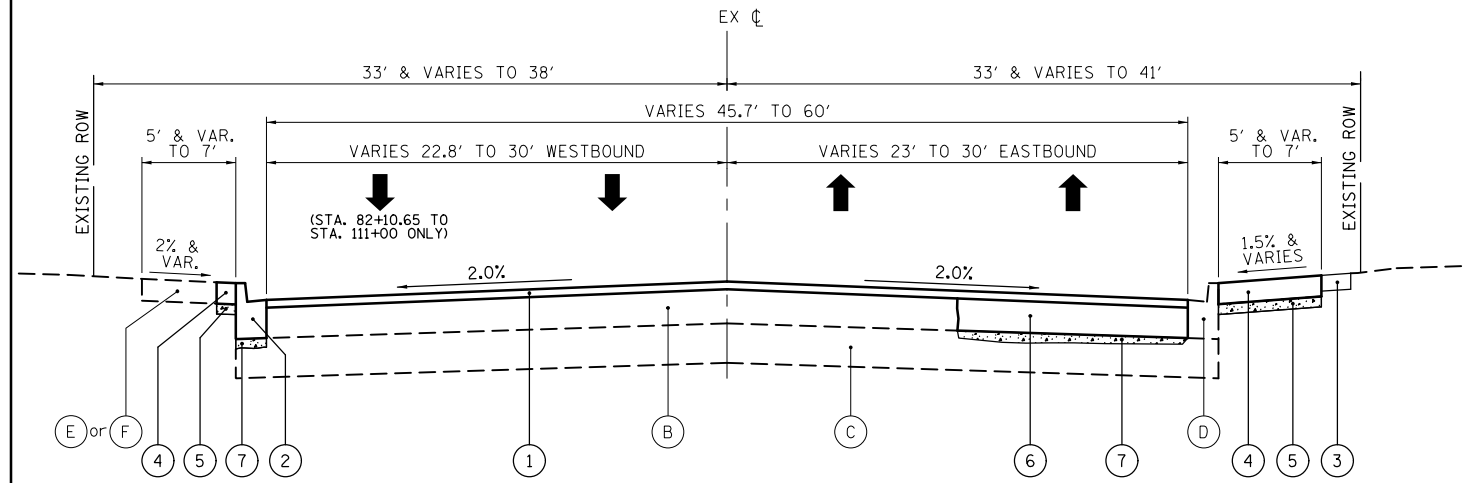


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| DATE              |  |
| BY                |  |
| PLAN              |  |
| SURVEYED          |  |
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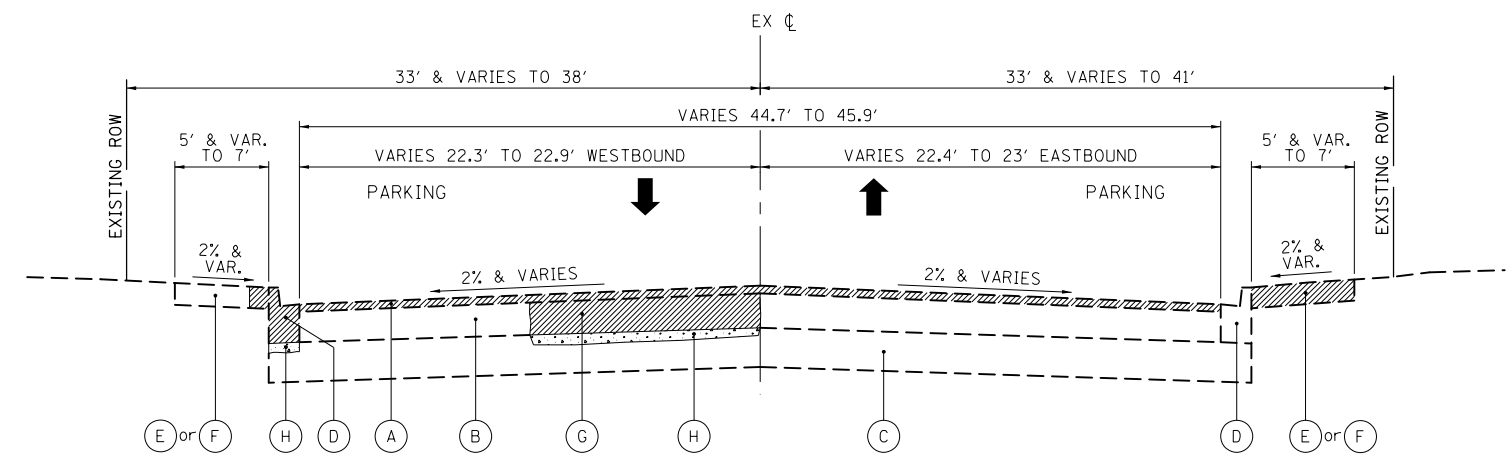
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| BY                          |  |
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| SURVEYED                    |  |
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| GRADES CHECKED              |  |
| STRUCTURE NOTATIONS CHECKED |  |
| NO.                         |  |



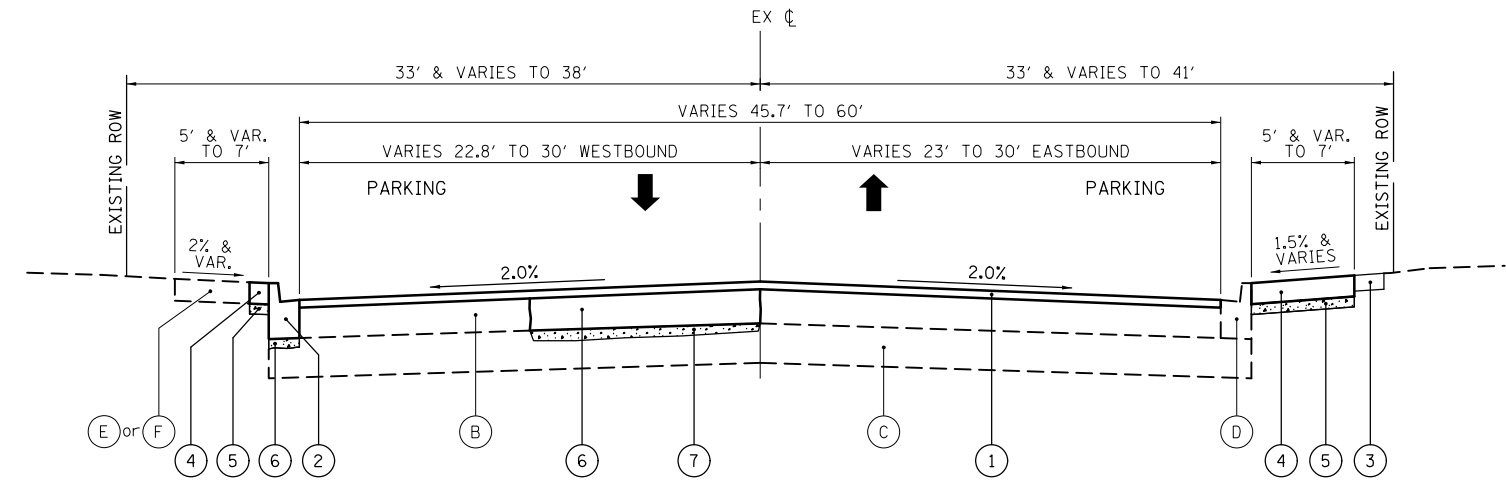
**EXISTING TYPICAL SECTION  
ST. CHARLES ROAD  
STA. 82 + 10.65 TO STA. 111 + 00  
STA. 140 + 00 TO STA. 154 + 74.45**



**PROPOSED TYPICAL SECTION  
ST. CHARLES ROAD  
STA. 82 + 10.65 TO STA. 111 + 00  
STA. 140 + 00 TO STA. 154 + 74.45**



**EXISTING TYPICAL SECTION  
ST. CHARLES ROAD  
STA. 111 + 00 TO STA. 140 + 00**



**PROPOSED TYPICAL SECTION  
ST. CHARLES ROAD  
STA. 111 + 00 TO STA. 140 + 00**

**EXISTING LEGEND**

- (A) HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/2"
  - (B) HMA PAVEMENT, VARIES 8.5" TO 12" (AFTER MILLING)
  - (C) GRANULAR SUBGRADE, 12" & VARIES
  - (D) COMBINATION CURB AND GUTTER (TYP. B-6.12, VARIES TO B-6.24) REMOVAL AS DETERMINED BY THE ENGINEER
  - (E) P.C.C. SIDEWALK, 5" & VARIES REMOVAL AS DETERMINED BY THE ENGINEER
  - (F) BRICK PAVERS WITH 12" CONCRETE EDGING REMOVAL AS DETERMINED BY THE ENGINEER
  - (G) CLASS D PATCHES LIMITS AS DETERMINED BY THE ENGINEER
  - (H) AGGREGATE BASE REPAIR LIMITS AS DETERMINED BY THE ENGINEER
- REMOVAL ITEMS

**PROPOSED LEGEND**

- PAVEMENT OVERLAY
- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 1 3/4" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 3/4" HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N50, 1-1/2" AND VARIES (AT LOCATIONS AS DIRECTED BY THE ENGINEER)
  - (2) COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT, TYPE B-6.12 LIMITS AS DETERMINED BY THE ENGINEER
  - (3) TOPSOIL EXCAVATION AND PLACEMENT, 4" AND SODDING, SALT TOLERANT LIMITS AS DETERMINED BY THE ENGINEER
  - (4) PORTLAND CEMENT CONCRETE SIDEWALK 5" OR REMOVE AND REINSTALL BRICK PAVER LIMITS AS DETERMINED BY THE ENGINEER
  - (5) SUBBASE GRANULAR MATERIAL, TYPE B 2"
  - (6) CLASS D PATCHES (CONSTRUCTED AFTER MILLING) LIMITS AS DETERMINED BY THE ENGINEER
  - (7) AGGREGATE BASE REPAIR LIMITS AND DEPTHS AS DETERMINED BY THE ENGINEER

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

|  | AIR VOIDS @Ndes                             | QMP                                 |
|--|---|-------------------------------------|
| PAVEMENT OVERLAY<br>HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 1 3/4"<br>POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 3/4"<br>HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N50, 1-1/2" & VARIES | 4% @ 50 GYR<br>3.5% @ 50 GYR<br>4% @ 50 GYR | LR 1030-2<br>LR 1030-2<br>LR 1030-2 |
| CLASS D PATCHES, 12"<br>HOT-MIX ASPHALT BINDER COURSE IL-19.0, N70   | 4% @ 70 GYR                                 | LR 1030-2                           |
| QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR 1030-2   |   |                                     |

LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON POLYMERIZED HMA BINDER COURSE, IL-4.75.

**NOTES:**

- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LB/SQ YD/IN.
- 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 RECLAIMED MATERIALS SPECIFICATIONS.

|  |                       |                |           |
|--|-----------------------|----------------|-----------|
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| N:\Lombard\210413\Civil\0161K57-TYP.01.dgn |                       | DRAWN - PMM    | REVISED - |
| Default                                    |                       | CHECKED - LMF  | REVISED - |
|  | PLOT DATE = 5/29/2024 | DATE -         | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

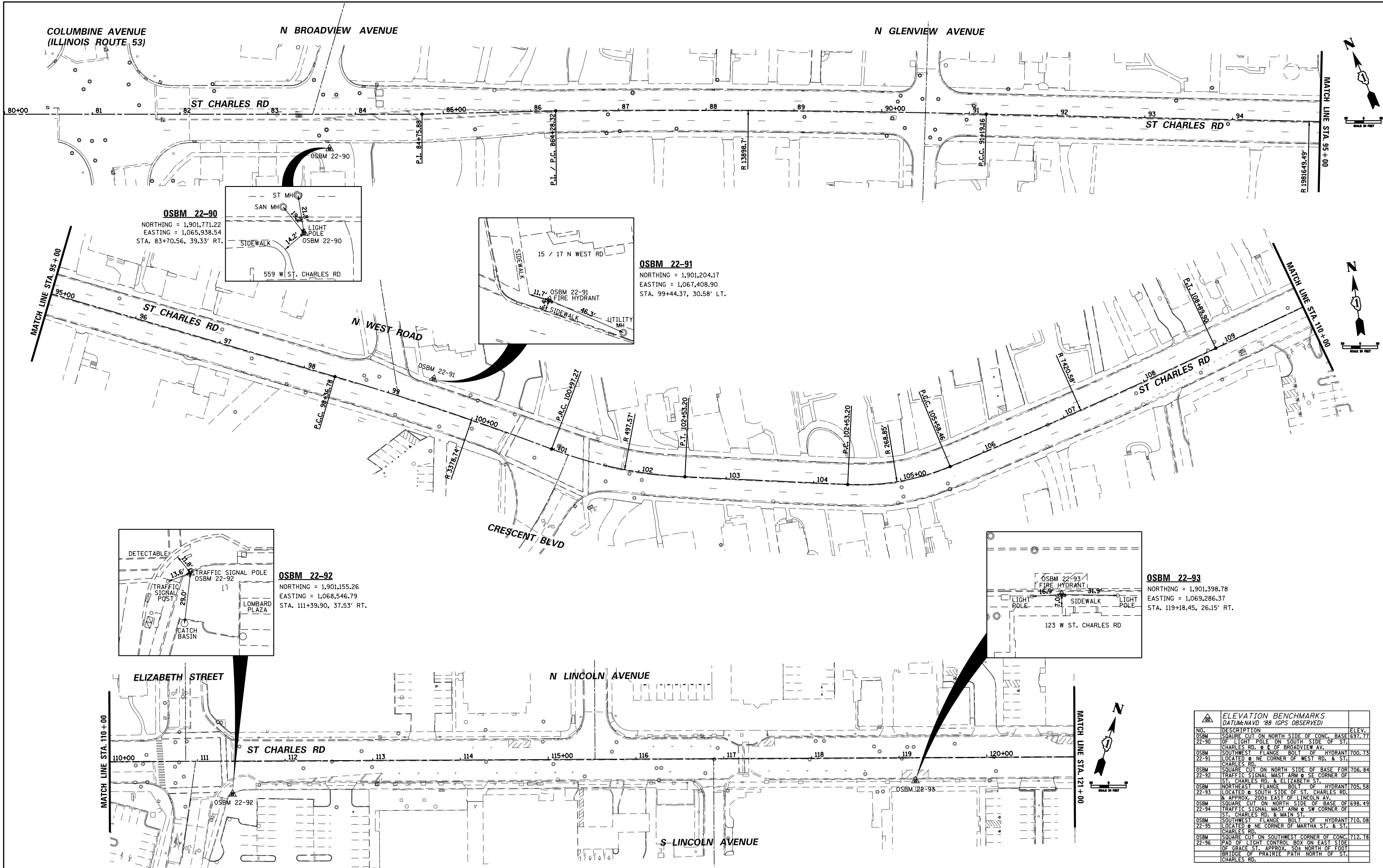
**ST. CHARLES ROAD  
EXISTING AND PROPOSED TYPICAL SECTIONS**

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

| FAU RTE.                  | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 1397                      | 22-00163-00-R5 | DUPAGE | 63           | 9         |
| CONTRACT NO. 61K57        |                |        |              |           |
| ILLINOIS FED. AID PROJECT |                |        |              |           |

|      |          |    |      |
|------|----------|----|------|
| PLAN | SURVEYED | BY | DATE |
|      | PLOTTED  |    |      |
|      | ALIGNED  |    |      |
|      | CHECKED  |    |      |
|      | FILED    |    |      |
|      | NO.      |    |      |

|         |           |    |      |
|---------|-----------|----|------|
| PROFILE | SURVEYED  | BY | DATE |
|         | PLOTTED   |    |      |
|         | GRADES    |    |      |
|         | CHECKED   |    |      |
|         | STRUCTURE |    |      |
|         | NOTATIONS |    |      |
|         | CHKD      |    |      |
|         | NO.       |    |      |



**OSBM 22-90**  
 NORTHING = 1,901,771.22  
 EASTING = 1,065,938.54  
 STA. 83+70.56, 39.33' RT.

**OSBM 22-91**  
 NORTHING = 1,901,204.17  
 EASTING = 1,067,408.90  
 STA. 99+44.37, 30.58' LT.

**OSBM 22-92**  
 NORTHING = 1,901,155.26  
 EASTING = 1,068,546.79  
 STA. 111+39.90, 37.53' RT.

**OSBM 22-93**  
 NORTHING = 1,901,398.78  
 EASTING = 1,069,286.37  
 STA. 119+18.45, 26.15' RT.

| NO.        | DESCRIPTION  | ELEV.  |
|------------|--|--------|
| OSBM 22-90 | SQUARE CUT ON NORTH SIDE OF CONC. BASE OF LIGHT POLE ON SOUTH SIDE OF ST. CHARLES RD. @ E. OF BROADVIEW AV.  | 697.77 |
| OSBM 22-91 | SOUTHWEST FLANGE BOLT OF HYDRANT LOCATED @ NE CORNER OF WEST RD. & ST. CHARLES RD.   | 700.73 |
| OSBM 22-92 | SQUARE CUT ON NORTH SIDE OF BASE FOR TRAFFIC SIGNAL MAST ARM @ SE CORNER OF ST. CHARLES RD. & ELIZABETH ST.  | 706.84 |
| OSBM 22-93 | NORTHEAST FLANGE BOLT OF HYDRANT LOCATED @ SOUTH SIDE OF ST. CHARLES RD. & APPROX. 200' EAST OF LINCOLN AV.  | 705.58 |
| OSBM 22-94 | SQUARE CUT ON NORTH SIDE OF BASE OF TRAFFIC SIGNAL MAST ARM @ SW CORNER OF ST. CHARLES RD. & MAIN ST.  | 698.49 |
| OSBM 22-95 | SOUTHWEST FLANGE BOLT OF HYDRANT LOCATED @ NE CORNER OF MARTHA ST. & ST. CHARLES RD.   | 710.08 |
| OSBM 22-96 | SQUARE CUT ON SOUTHWEST CORNER OF CONC. PAD OF LIGHT CONTROL BOX ON EAST SIDE OF GRACE ST. APPROX. 50' NORTH OF FOOT BRIDGE OF PRAIRIE PATH NORTH OF ST. CHARLES RD. | 712.78 |

|  |                     |                |           |
|--|---------------------|----------------|-----------|
| FILE NAME = N:\Lombard\210413\Civil\DI61K57-ATB.01.dgn | USER NAME = sipatel | DESIGNED - VMR | REVISED - |
|  |                     | DRAWN - PMM    | REVISED - |
|  |                     | CHECKED - LMF  | REVISED - |
|  |                     | DATE -         | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

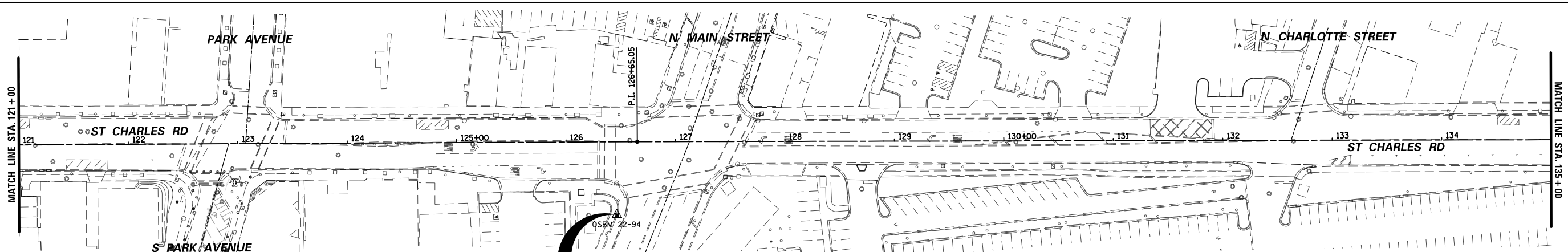
**ST CHARLES ROAD  
 ALIGNMENT, TIES AND BENCHMARKS**

SCALE: SHEET 1 OF 2 SHEETS STA. 80+00.00 TO STA. 121+00.00

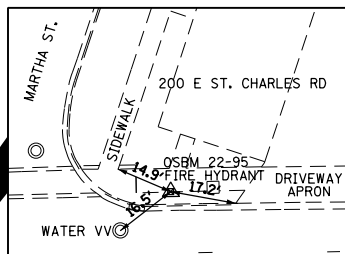
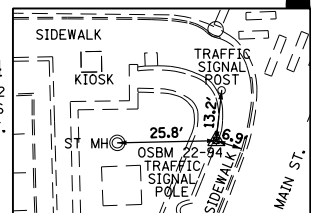
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| FAU RTE.           | SECTION        | COUNTY | TOTAL SHEETS              | SHEET NO. |
| 1397               | 22-00163-00-R5 | DUPAGE | 63                        | 10        |
| CONTRACT NO. 61K57 |                |        | ILLINOIS FED. AID PROJECT |           |

|      |                             |    |      |
|------|-----------------------------|----|------|
| PLAN | SURVEYED                    | BY | DATE |
|      | PLOTTED                     |    |      |
|      | GRADES CHECKED              |    |      |
|      | ALIGNMENT CHECKED           |    |      |
|      | STRUCTURE NOTATIONS CHECKED |    |      |
|      | NOTE BOOK NO.               |    |      |
|      | CADD FILE NAME              |    |      |

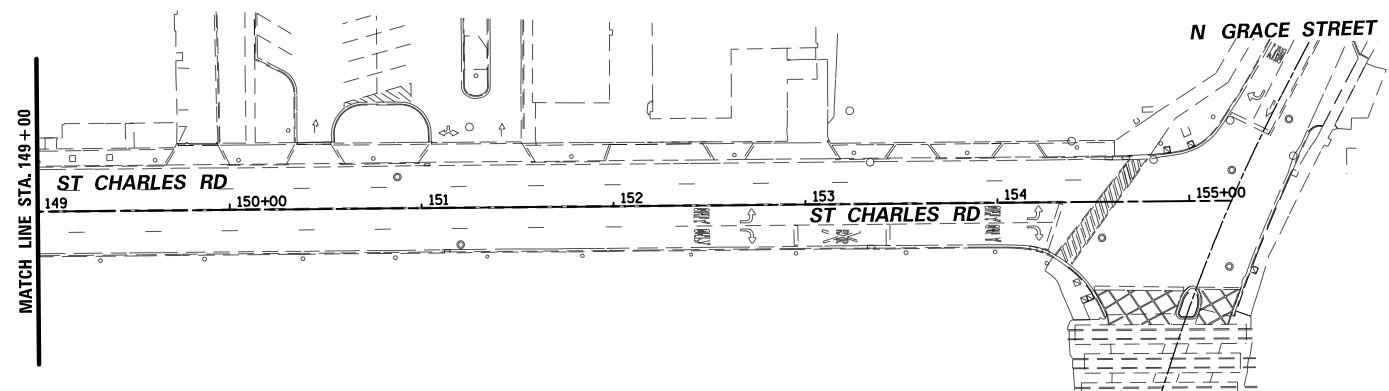
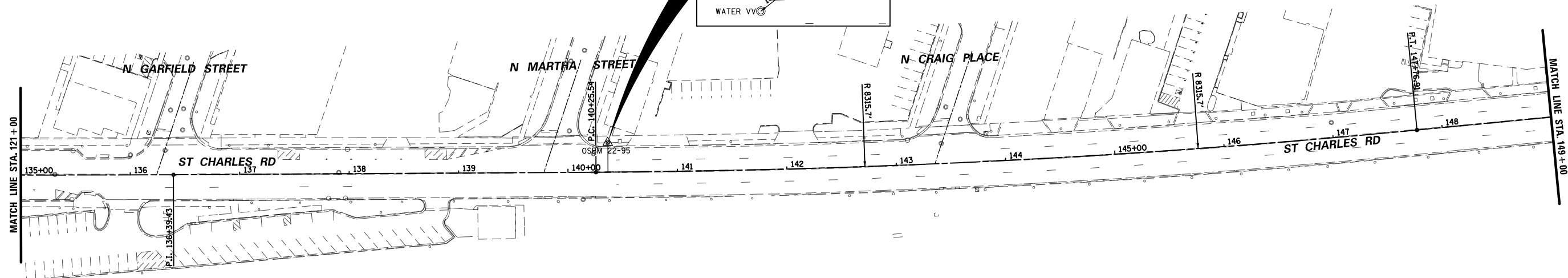
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| PROFILE | SURVEYED                    | BY | DATE |
|         | PLOTTED                     |    |      |
|         | GRADES CHECKED              |    |      |
|         | ALIGNMENT CHECKED           |    |      |
|         | STRUCTURE NOTATIONS CHECKED |    |      |
|         | NOTE BOOK NO.               |    |      |
|         | CADD FILE NAME              |    |      |



**OSBM 22-94**  
 NORTHING = 1,901,577.52  
 EASTING = 1,069,992.86  
 STA. 126+46.07, 66.70' RT.



**OSBM 22-95**  
 NORTHING = 1,902,080.08  
 EASTING = 1,071,292.40  
 STA. 140+36.48, 26.95' LT.



| ELEVATION BENCHMARKS<br>DATUM: NAVD 88 (GPS OBSERVED) |  |        |
|---|--|--------|
| NO.   | DESCRIPTION  | ELEV.  |
| OSBM 22-90  | SQUARE CUT ON NORTH SIDE OF CONC. BASE OF LIGHT POLE ON SOUTH SIDE OF ST. CHARLES RD. @ & OF BROADVIEW AV.   | 697.77 |
| OSBM 22-92  | SOUTHWEST FLANGE BOLT OF HYDRANT LOCATED @ NE CORNER OF WEST RD. & ST. CHARLES RD.   | 700.73 |
| OSBM 22-91  | SQUARE CUT ON NORTH SIDE OF BASE FOR TRAFFIC SIGNAL MAST ARM @ SE CORNER OF ST. CHARLES RD. & ELIZABETH ST.  | 706.84 |
| OSBM 22-93  | NORTHEAST FLANGE BOLT OF HYDRANT LOCATED @ SOUTH SIDE OF ST. CHARLES RD. & APPROX. 200± EAST OF LINCOLN AV.  | 705.58 |
| OSBM 22-94  | SQUARE CUT ON NORTH SIDE OF BASE OF TRAFFIC SIGNAL MAST ARM @ SW CORNER OF ST. CHARLES RD. & MAIN ST.  | 698.49 |
| OSBM 22-95  | SOUTHWEST FLANGE BOLT OF HYDRANT LOCATED @ NE CORNER OF MARTHA ST. & ST. CHARLES RD.   | 710.08 |
| OSBM 22-96  | SQUARE CUT ON SOUTHWEST CORNER OF CONC. PAD OF LIGHT CONTROL BOX ON EAST SIDE OF GRACE ST. APPROX. 50± NORTH OF FOOT BRIDGE OF PRAIRIE PATH NORTH OF ST. CHARLES RD. | 712.78 |

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| Default                                    | PLOT SCALE = 100'     | CHECKED - LMF  | REVISED - |
|  | PLOT DATE = 5/29/2024 | DATE -         | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ST CHARLES ROAD  
ALIGNMENT, TIES AND BENCHMARKS**

SCALE: SHEET 2 OF 2 SHEETS STA. 121+00.00 TO STA. 155+20.00

| FAU RTE.                  | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO.          |
|---------------------------|----------------|--------|--------------|--------------------|
| 1397                      | 22-00163-00-R5 | DUPAGE | 63           | 11                 |
|                           |                |        |              | CONTRACT NO. 61K57 |
| ILLINOIS FED. AID PROJECT |                |        |              |                    |

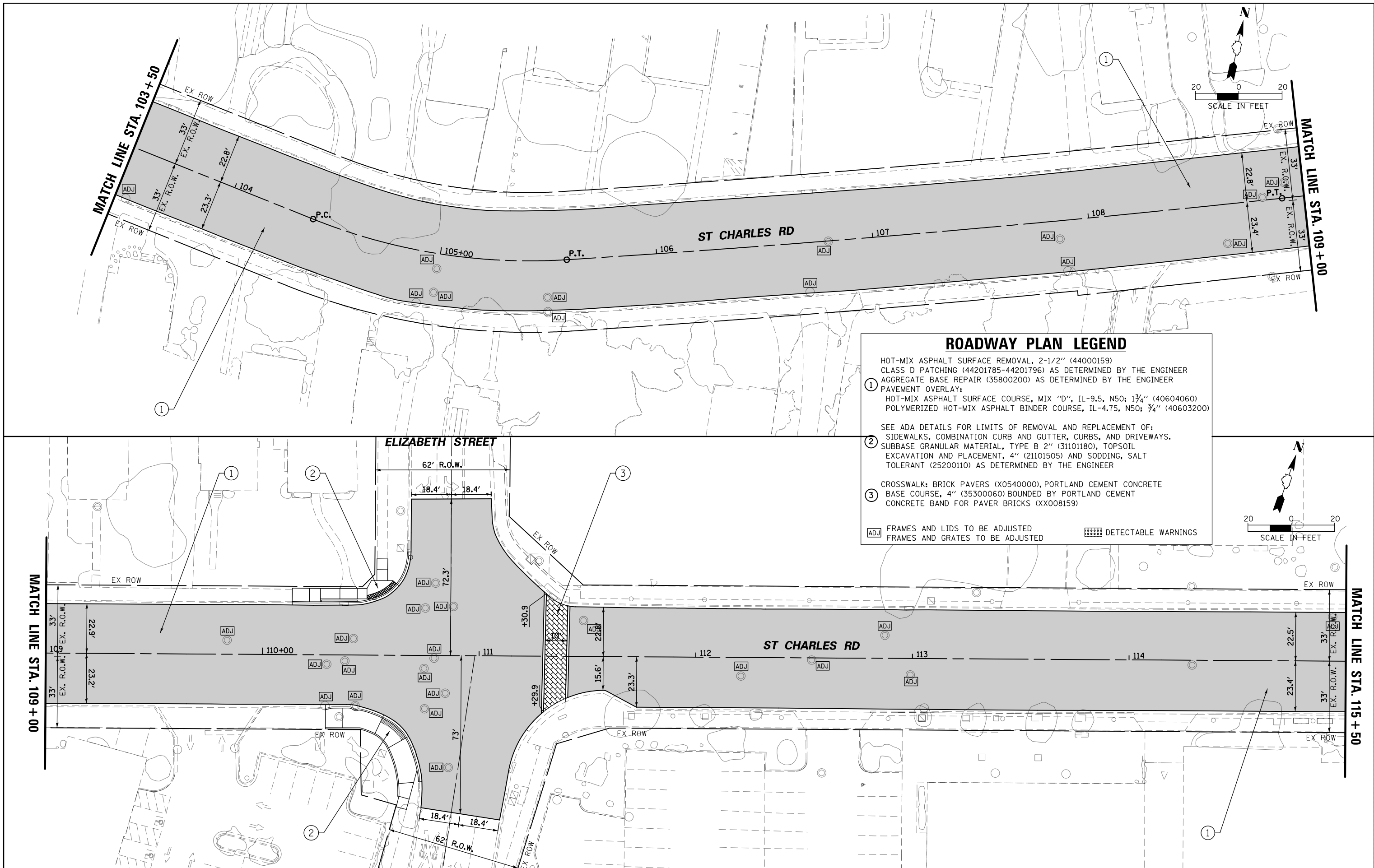






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| PLAN | SURVEYED  | BY | DATE |
|      | PLOTTED   |    |      |
|      | ALIGNED   |    |      |
|      | CHECKED   |    |      |
|      | FILED     |    |      |
|      | NO. _____ |    |      |

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|---------|-----------------------------|----|------|
| PROFILE | SURVEYED                    | BY | DATE |
|         | PLOTTED                     |    |      |
|         | GRADES CHECKED              |    |      |
|         | STRUCTURE NOTATIONS CHECKED |    |      |
|         | NO. _____                   |    |      |



### ROADWAY PLAN LEGEND

HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/2" (44000159)  
 CLASS D PATCHING (44201785-44201796) AS DETERMINED BY THE ENGINEER  
 AGGREGATE BASE REPAIR (35800200) AS DETERMINED BY THE ENGINEER  
 PAVEMENT OVERLAY:  
 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 1 3/4" (40604060)  
 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 3/4" (40603200)

SEE ADA DETAILS FOR LIMITS OF REMOVAL AND REPLACEMENT OF:  
 SIDEWALKS, COMBINATION CURB AND GUTTER, CURBS, AND DRIVEWAYS.  
 SUBBASE GRANULAR MATERIAL, TYPE B 2" (31101180), TOPSOIL  
 EXCAVATION AND PLACEMENT, 4" (21101505) AND SODDING, SALT  
 TOLERANT (25200110) AS DETERMINED BY THE ENGINEER

CROSSWALK: BRICK PAVERS (X0540000), PORTLAND CEMENT CONCRETE  
 BASE COURSE, 4" (35300060) BOUNDED BY PORTLAND CEMENT  
 CONCRETE BAND FOR PAVER BRICKS (XX008159)

ADJ FRAMES AND LIDS TO BE ADJUSTED      DETECTABLE WARNINGS  
 FRAMES AND GRATES TO BE ADJUSTED

|   |                       |                |           |
|---|-----------------------|----------------|-----------|
| FILE NAME =                                 | USER NAME = sipatel   | DESIGNED - VMR | REVISED - |
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| Default                                     | PLOT SCALE = 48"      | CHECKED - LMF  | REVISED - |
|   | PLOT DATE = 5/29/2024 | DATE -         | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

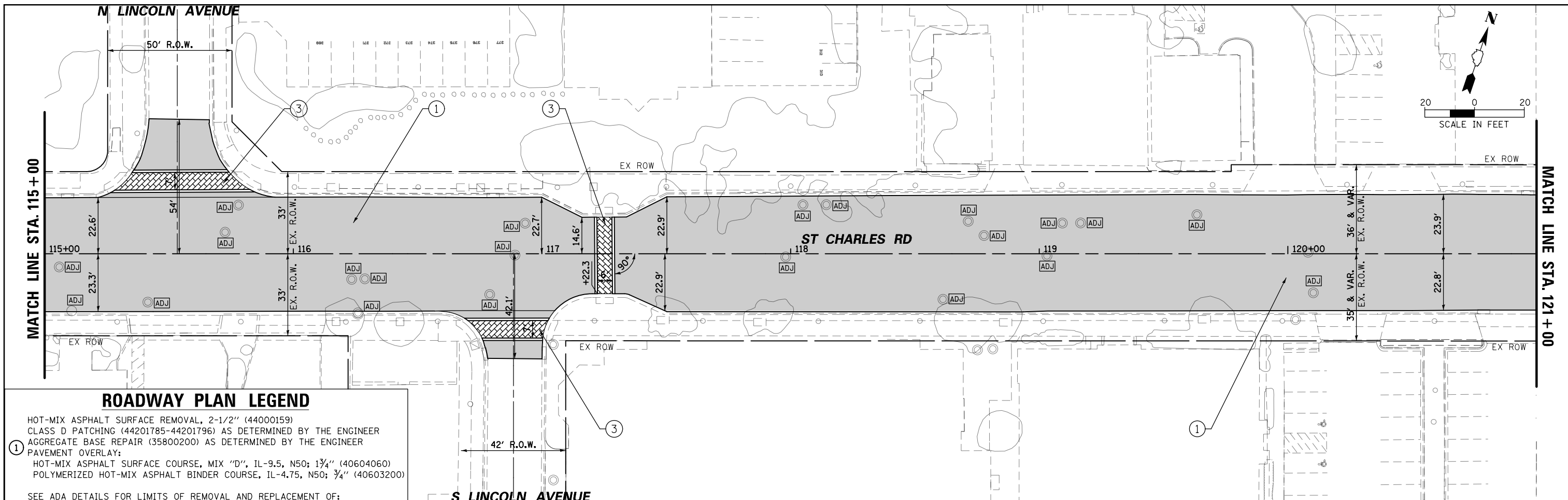
**ST CHARLES ROAD  
RESURFACING PLAN**

SCALE: SHEET 3 OF 7 SHEETS STA. 103+50.00 TO STA. 115+00.00

|                           |                |        |                    |           |
|---------------------------|----------------|--------|--------------------|-----------|
| FAU RTE.                  | SECTION        | COUNTY | TOTAL SHEETS       | SHEET NO. |
| 1397                      | 22-00163-00-R5 | DUPAGE | 63                 | 14        |
|                           |                |        | CONTRACT NO. 61K57 |           |
| ILLINOIS FED. AID PROJECT |                |        |                    |           |

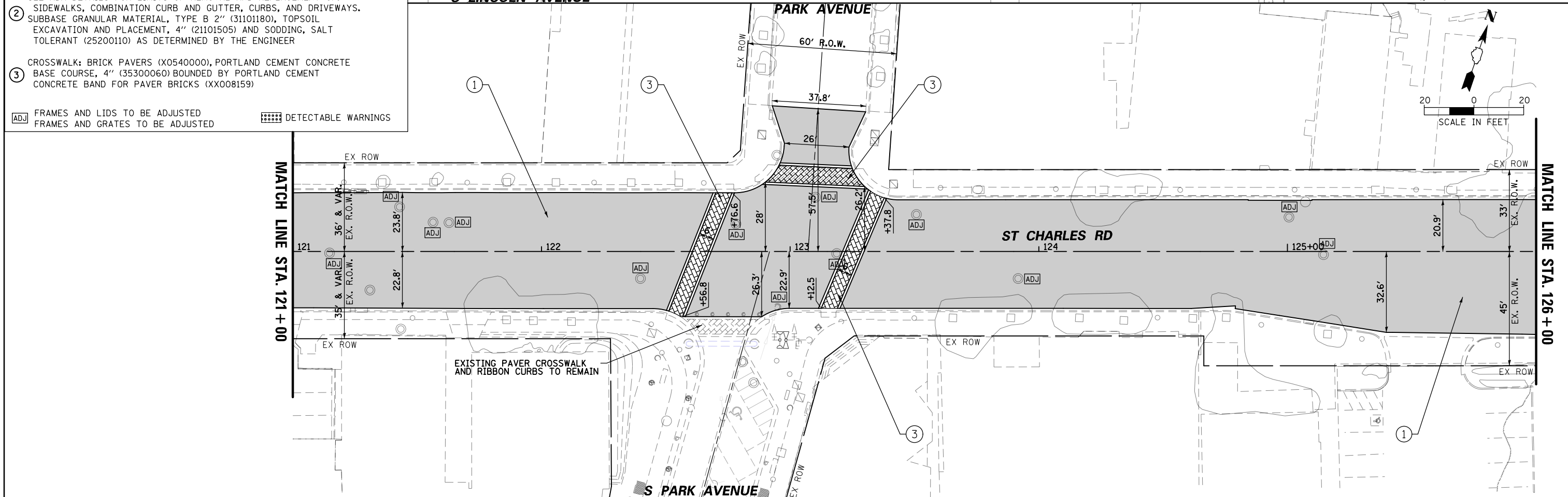
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| PLAN | SURVEYED                    | DATE |
|      | PLOTTED                     | BY   |
|      | GRADES CHECKED              |      |
|      | STRUCTURE NOTATIONS CHECKED |      |
|      | NO.                         |      |

|         |                             |      |
|---------|-----------------------------|------|
| PROFILE | SURVEYED                    | DATE |
|         | PLOTTED                     | BY   |
|         | GRADES CHECKED              |      |
|         | STRUCTURE NOTATIONS CHECKED |      |
|         | NO.                         |      |



### ROADWAY PLAN LEGEND

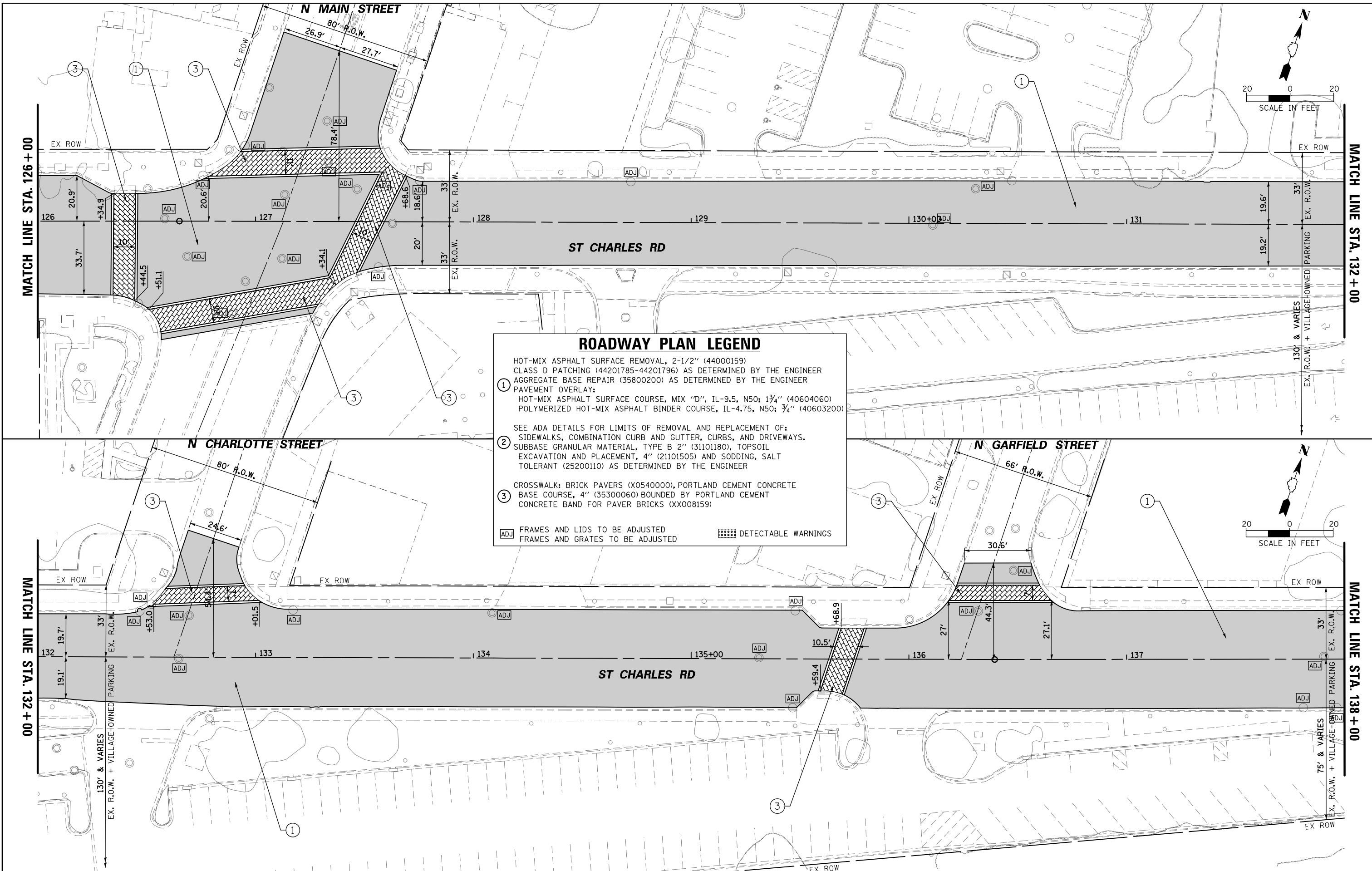
- ① HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/2" (44000159)  
CLASS D PATCHING (44201785-44201796) AS DETERMINED BY THE ENGINEER  
AGGREGATE BASE REPAIR (35800200) AS DETERMINED BY THE ENGINEER  
PAVEMENT OVERLAY:  
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 1 3/4" (40604060)  
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 3/4" (40603200)
  - ② SEE ADA DETAILS FOR LIMITS OF REMOVAL AND REPLACEMENT OF:  
SIDEWALKS, COMBINATION CURB AND GUTTER, CURBS, AND DRIVEWAYS.  
SUBBASE GRANULAR MATERIAL, TYPE B 2" (31101180), TOPSOIL  
EXCAVATION AND PLACEMENT, 4" (21101505) AND SODDING, SALT  
TOLERANT (25200110) AS DETERMINED BY THE ENGINEER
  - ③ CROSSWALK: BRICK PAVERS (X0540000), PORTLAND CEMENT CONCRETE  
BASE COURSE, 4" (35300060) BOUNDED BY PORTLAND CEMENT  
CONCRETE BAND FOR PAVER BRICKS (XX008159)
- ADJ FRAMES AND LIDS TO BE ADJUSTED  
FRAMES AND GRATES TO BE ADJUSTED
- DETECTABLE WARNINGS



|   |                       |                |           |   |   |                            |                                  |                    |                   |                           |
|---|-----------------------|----------------|-----------|---|---|----------------------------|----------------------------------|--------------------|-------------------|---------------------------|
| FILE NAME = N:\Lombard\210413\Civil\1\0161K57-Road_04.dgn | USER NAME = sipatel   | DESIGNED - VMR | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>ST CHARLES ROAD<br/>RESURFACING PLAN</b> | FAU R.T.E. = 1397          | SECTION = 22-00163-00-R5         | COUNTY = DUPAGE    | TOTAL SHEETS = 63 | SHEET NO. = 15            |
| Default   | PLOT SCALE = 48"      | CHECKED - LMF  | REVISED - |   |   | SCALE: SHEET 4 OF 7 SHEETS | STA. 115+00.00 TO STA. 126+00.00 | CONTRACT NO. 61K57 |                   | ILLINOIS FED. AID PROJECT |
|   | PLOT DATE = 5/29/2024 | DATE -         | REVISED - |   |   |                            |                                  |                    |                   |                           |

|      |           |         |
|------|-----------|---------|
| PLAN | SURVEYED  | DATE    |
|      | PLOTTED   | BY      |
|      | ALIGNED   | CHECKED |
|      | ADJUSTED  | NO.     |
|      | FILE NAME |         |

|         |                |                    |
|---------|----------------|--------------------|
| PROFILE | SURVEYED       | DATE               |
|         | PLOTTED        | BY                 |
|         | GRADES CHECKED | CHECKED            |
|         | STRUCTURE      | NOT AT THIS OFFICE |
|         |                |                    |



**ROADWAY PLAN LEGEND**

HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/2" (44000159)  
 CLASS D PATCHING (44201785-44201796) AS DETERMINED BY THE ENGINEER  
 AGGREGATE BASE REPAIR (35800200) AS DETERMINED BY THE ENGINEER  
 PAVEMENT OVERLAY:  
 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 1 3/4" (40604060)  
 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 3/4" (40603200)

SEE ADA DETAILS FOR LIMITS OF REMOVAL AND REPLACEMENT OF:  
 SIDEWALKS, COMBINATION CURB AND GUTTER, CURBS, AND DRIVEWAYS.  
 SUBBASE GRANULAR MATERIAL, TYPE B 2" (31101180), TOPSOIL  
 EXCAVATION AND PLACEMENT, 4" (21101505) AND SODDING, SALT  
 TOLERANT (25200110) AS DETERMINED BY THE ENGINEER

CROSSWALK: BRICK PAVERS (X0540000), PORTLAND CEMENT CONCRETE  
 BASE COURSE, 4" (35300060) BOUNDED BY PORTLAND CEMENT  
 CONCRETE BAND FOR PAVER BRICKS (XX008159)

ADJ. FRAMES AND LIDS TO BE ADJUSTED  
 FRAMES AND GRATES TO BE ADJUSTED

DETECTABLE WARNINGS

|   |                       |                |           |
|---|-----------------------|----------------|-----------|
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| Default                                     | PLOT SCALE = 48"      | CHECKED - LMF  | REVISED - |
|   | PLOT DATE = 5/29/2024 | DATE -         | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ST CHARLES ROAD  
 RESURFACING PLAN**

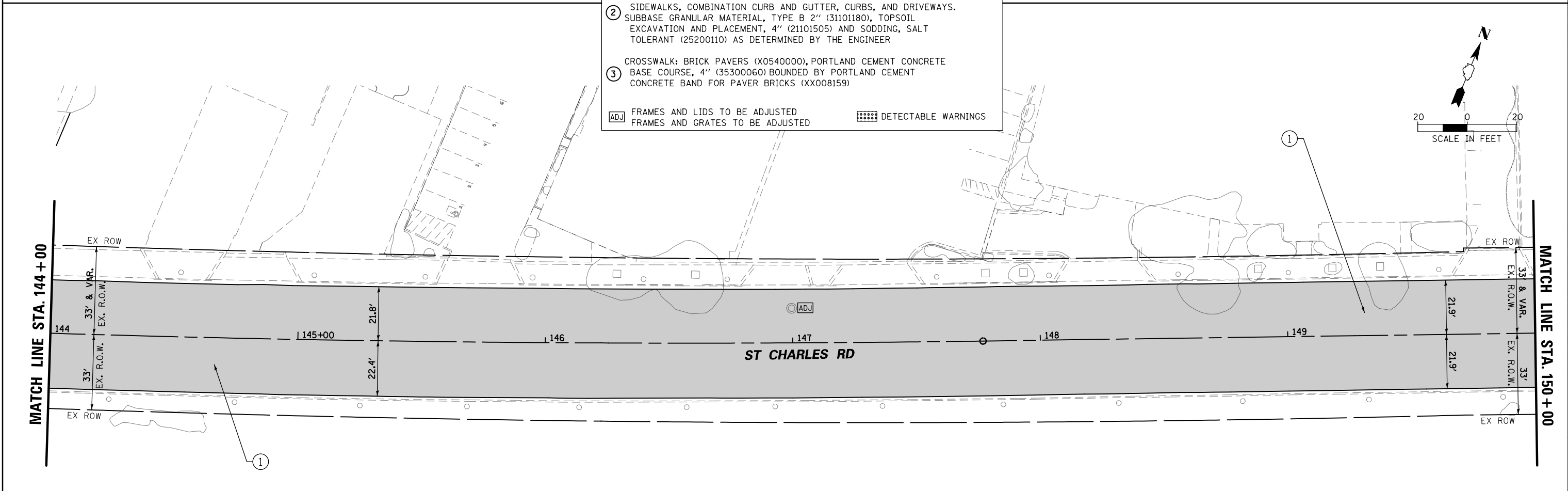
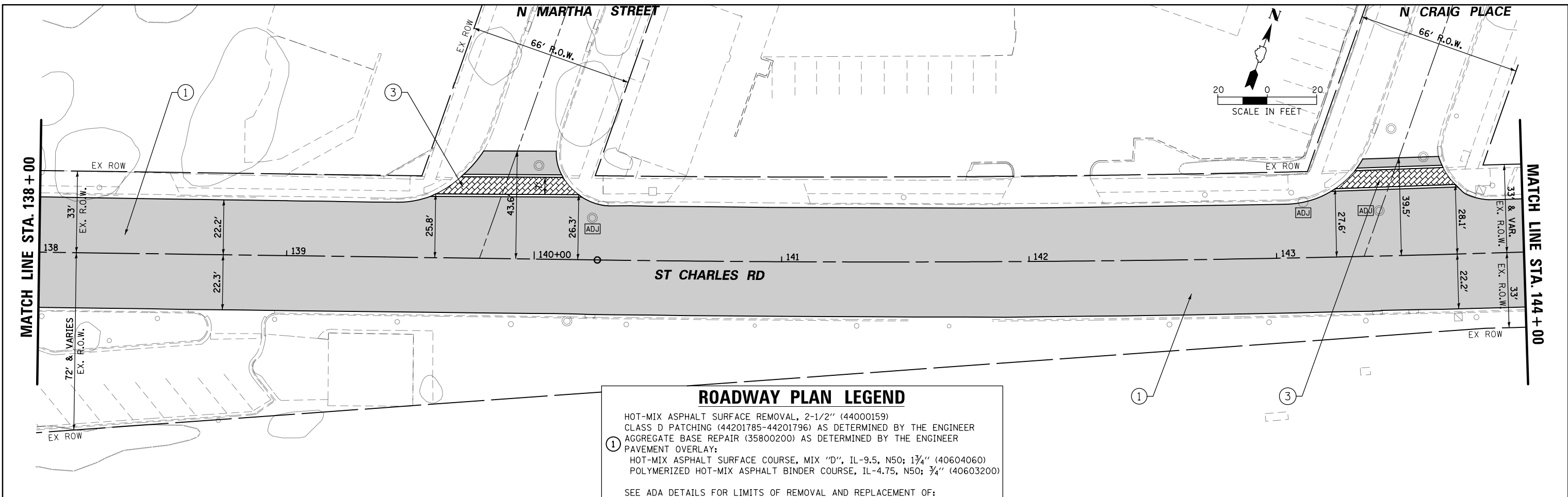
SCALE: SHEET 5 OF 7 SHEETS STA. 126+00.00 TO STA. 138+00.00

|                    |                |        |                           |           |
|--------------------|----------------|--------|---------------------------|-----------|
| FAU RTE.           | SECTION        | COUNTY | TOTAL SHEETS              | SHEET NO. |
| 1397               | 22-00163-00-R5 | DUPAGE | 63                        | 16        |
| CONTRACT NO. 61K57 |                |        | ILLINOIS FED. AID PROJECT |           |



|      |                             |    |      |
|------|-----------------------------|----|------|
| PLAN | SURVEYED                    | BY | DATE |
|      | PLOTTED                     |    |      |
|      | GRADES CHECKED              |    |      |
|      | ALIGNMENT CHECKED           |    |      |
|      | STRUCTURE NOTATIONS CHECKED |    |      |
|      | NOTE BOOK NO.               |    |      |
|      | CADD FILE NAME              |    |      |

|         |                             |    |      |
|---------|-----------------------------|----|------|
| PROFILE | SURVEYED                    | BY | DATE |
|         | PLOTTED                     |    |      |
|         | GRADES CHECKED              |    |      |
|         | ALIGNMENT CHECKED           |    |      |
|         | STRUCTURE NOTATIONS CHECKED |    |      |
|         | NOTE BOOK NO.               |    |      |
|         | CADD FILE NAME              |    |      |



### ROADWAY PLAN LEGEND

HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/2" (44000159)  
 CLASS D PATCHING (44201785-44201796) AS DETERMINED BY THE ENGINEER  
 AGGREGATE BASE REPAIR (35800200) AS DETERMINED BY THE ENGINEER  
 PAVEMENT OVERLAY:  
 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 1 3/4" (40604060)  
 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 3/4" (40603200)

SEE ADA DETAILS FOR LIMITS OF REMOVAL AND REPLACEMENT OF:  
 SIDEWALKS, COMBINATION CURB AND GUTTER, CURBS, AND DRIVEWAYS.  
 SUBBASE GRANULAR MATERIAL, TYPE B 2" (31101180), TOPSOIL  
 EXCAVATION AND PLACEMENT, 4" (21101505) AND SODDING, SALT  
 TOLERANT (25200110) AS DETERMINED BY THE ENGINEER

CROSSWALK: BRICK PAVERS (X0540000), PORTLAND CEMENT CONCRETE  
 BASE COURSE, 4" (35300060) BOUNDED BY PORTLAND CEMENT  
 CONCRETE BAND FOR PAVER BRICKS (XX008159)

**ADJ** FRAMES AND LIDS TO BE ADJUSTED      **ADJ** FRAMES AND GRATES TO BE ADJUSTED      **ADJ** DETECTABLE WARNINGS

|  |                       |                |           |
|--|-----------------------|----------------|-----------|
| FILE NAME =                              | USER NAME = sipotel   | DESIGNED - VMR | REVISED - |
| N:\Lombard\210413\Civil\DI61K57-Road.dwg |                       | DRAWN - PMM    | REVISED - |
| Default                                  | PLOT SCALE = 48"      | CHECKED - LMF  | REVISED - |
|  | PLOT DATE = 5/29/2024 | DATE -         | REVISED - |

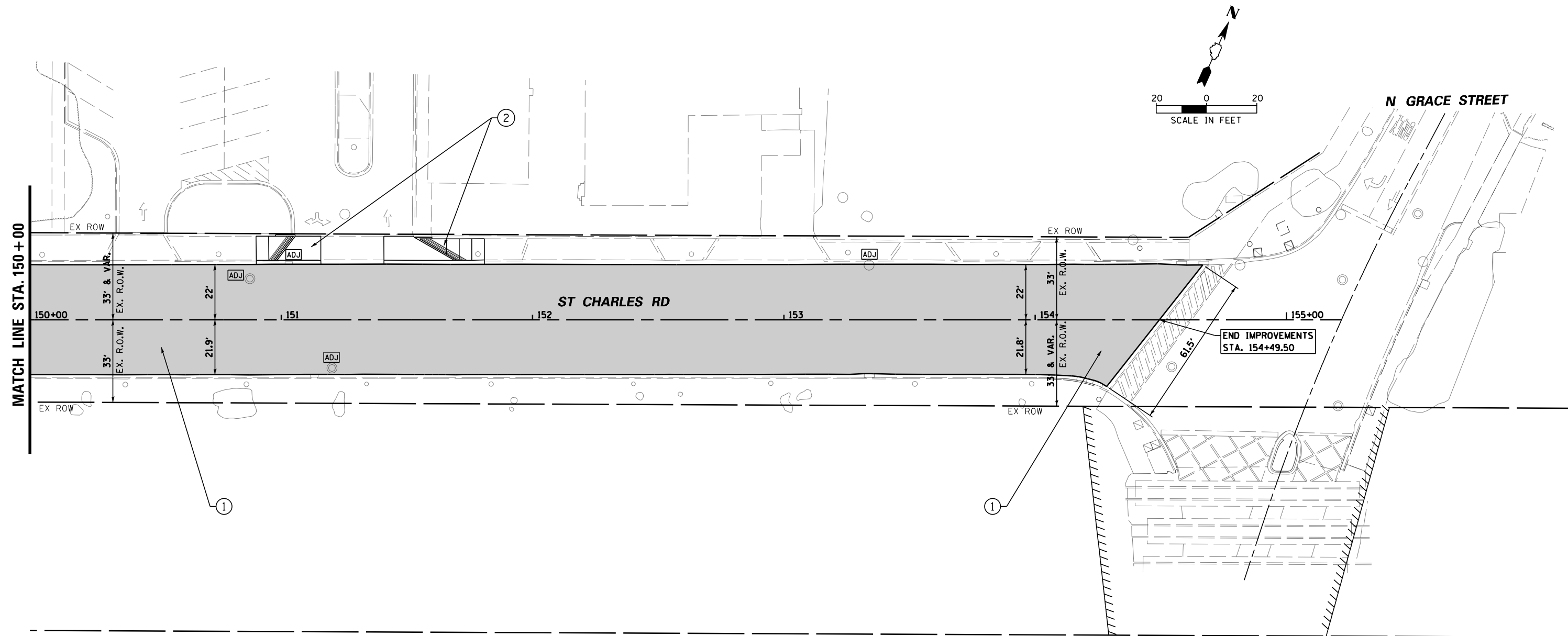
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

|   |  |
|---|--|
| <b>ST CHARLES ROAD<br/>RESURFACING PLAN</b> |  |
| SCALE:                                      | SHEET 6 OF 7 SHEETS STA. 138+00.00 TO STA. 150+00.00 |

|                           |                |        |              |           |
|---------------------------|----------------|--------|--------------|-----------|
| FAU RTE.                  | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1397                      | 22-00163-00-R5 | DUPAGE | 63           | 17        |
| CONTRACT NO. 61K57        |                |        |              |           |
| ILLINOIS FED. AID PROJECT |                |        |              |           |

|      |                             |    |      |
|------|-----------------------------|----|------|
| PLAN | SURVEYED                    | BY | DATE |
|      | PLOTTED                     |    |      |
|      | GRADES CHECKED              |    |      |
|      | ALIGNMENT CHECKED           |    |      |
|      | STRUCTURE NOTATIONS CHECKED |    |      |
|      | NO.                         |    |      |

|         |                             |    |      |
|---------|-----------------------------|----|------|
| PROFILE | SURVEYED                    | BY | DATE |
|         | PLOTTED                     |    |      |
|         | GRADES CHECKED              |    |      |
|         | STRUCTURE NOTATIONS CHECKED |    |      |
|         | NO.                         |    |      |



### ROADWAY PLAN LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/2" (44000159)
  - CLASS D PATCHING (44201785-44201796) AS DETERMINED BY THE ENGINEER
  - AGGREGATE BASE REPAIR (35800200) AS DETERMINED BY THE ENGINEER
  - PAVEMENT OVERLAY:
    - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 1 3/4" (40604060)
    - POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 3/4" (40603200)
  - SEE ADA DETAILS FOR LIMITS OF REMOVAL AND REPLACEMENT OF:
    - SIDEWALKS, COMBINATION CURB AND GUTTER, CURBS, AND DRIVEWAYS.
    - SUBBASE GRANULAR MATERIAL, TYPE B 2" (31101180), TOPSOIL
    - EXCAVATION AND PLACEMENT, 4" (21101505) AND SODDING, SALT TOLERANT (25200110) AS DETERMINED BY THE ENGINEER
  - CROSSWALK: BRICK PAVERS (X0540000), PORTLAND CEMENT CONCRETE BASE COURSE, 4" (35300060) BOUNDED BY PORTLAND CEMENT CONCRETE BAND FOR PAVER BRICKS (XX008159)
- ADJ FRAMES AND LIDS TO BE ADJUSTED     
 DW DETECTABLE WARNINGS

|   |                       |                |           |
|---|-----------------------|----------------|-----------|
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| N:\Lombard\210413\Civil\DI61K57-Road.07.dgn |                       | DRAWN - PMM    | REVISED - |
| Default                                     | PLOT SCALE = 48"      | CHECKED - LMF  | REVISED - |
|   | PLOT DATE = 5/30/2024 | DATE -         | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

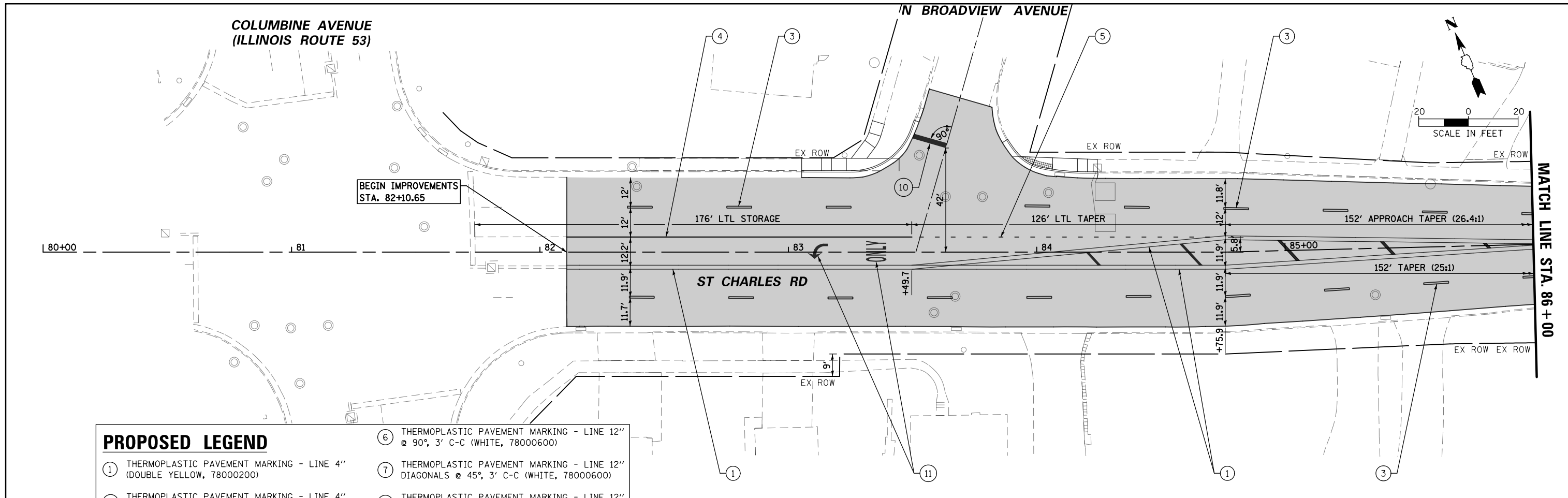
**ST CHARLES ROAD  
RESURFACING PLAN**

SCALE: SHEET 7 OF 7 SHEETS STA. 150+00.00 TO STA. 155+00.00

| FAU RTE.                  | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 1397                      | 22-00163-00-R5 | DUPAGE | 63           | 18        |
| <b>CONTRACT NO. 61K57</b> |                |        |              |           |
| ILLINOIS FED. AID PROJECT |                |        |              |           |

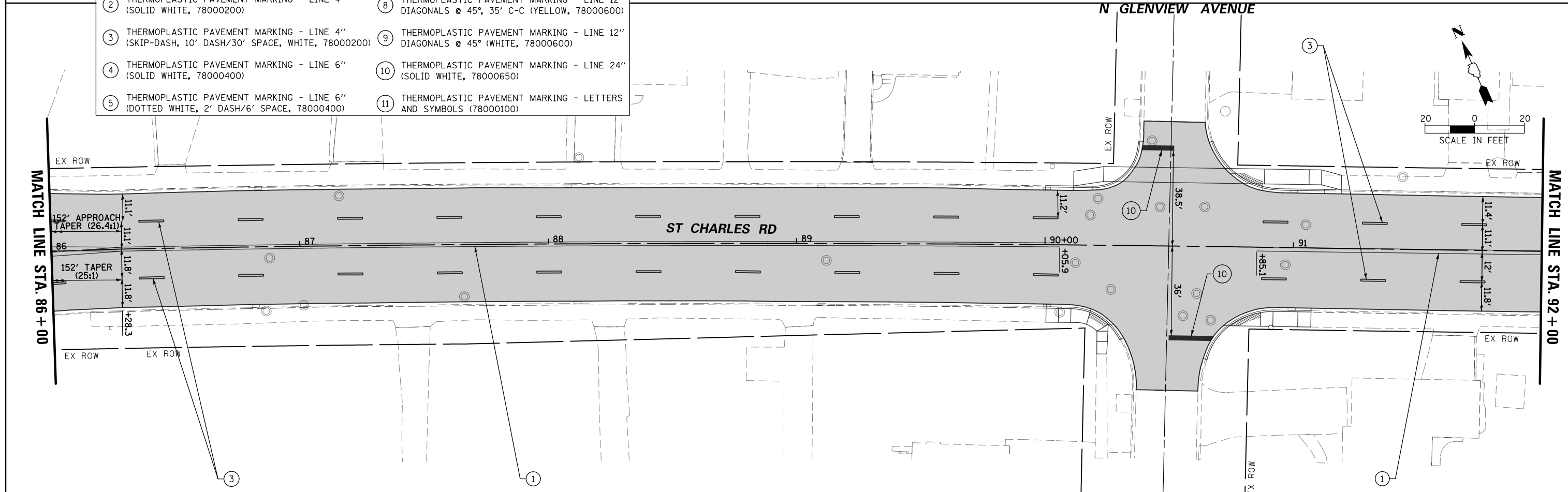
|      |                             |      |
|------|-----------------------------|------|
| PLAN | SURVEYED                    | DATE |
|      | PLOTTED                     |      |
|      | GRADES CHECKED              |      |
|      | ALIGNMENT CHECKED           |      |
|      | STRUCTURE NOTATIONS CHECKED |      |
|      | NOTE BOOK NO.               |      |
|      | FIELD FILE NAME             |      |

|         |                             |      |
|---------|-----------------------------|------|
| PROFILE | SURVEYED                    | DATE |
|         | PLOTTED                     |      |
|         | GRADES CHECKED              |      |
|         | ALIGNMENT CHECKED           |      |
|         | STRUCTURE NOTATIONS CHECKED |      |
|         | NOTE BOOK NO.               |      |
|         | FIELD FILE NAME             |      |



**PROPOSED LEGEND**

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, 78000200)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE, 78000200)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SKIP-DASH, 10' DASH/30' SPACE, WHITE, 78000200)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID WHITE, 78000400)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (DOTTED WHITE, 2' DASH/6' SPACE, 78000400)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 12" @ 90°, 3' C-C (WHITE, 78000600)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" DIAGONALS @ 45°, 3' C-C (WHITE, 78000600)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" DIAGONALS @ 45°, 35' C-C (YELLOW, 78000600)
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12" DIAGONALS @ 45° (WHITE, 78000600)
- ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE, 78000650)
- ⑪ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (78000100)



|  |                       |                |           |
|--|-----------------------|----------------|-----------|
| FILE NAME =                                | USER NAME = sipatel   | DESIGNED - VMR | REVISED - |
| N:\Lombard\210413\Civil\DI61K57-PavMkg.dgn |                       | DRAWN - PMM    | REVISED - |
| Default                                    |                       | CHECKED - LMF  | REVISED - |
|  | PLOT DATE = 5/29/2024 | DATE -         | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

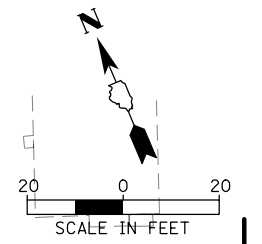
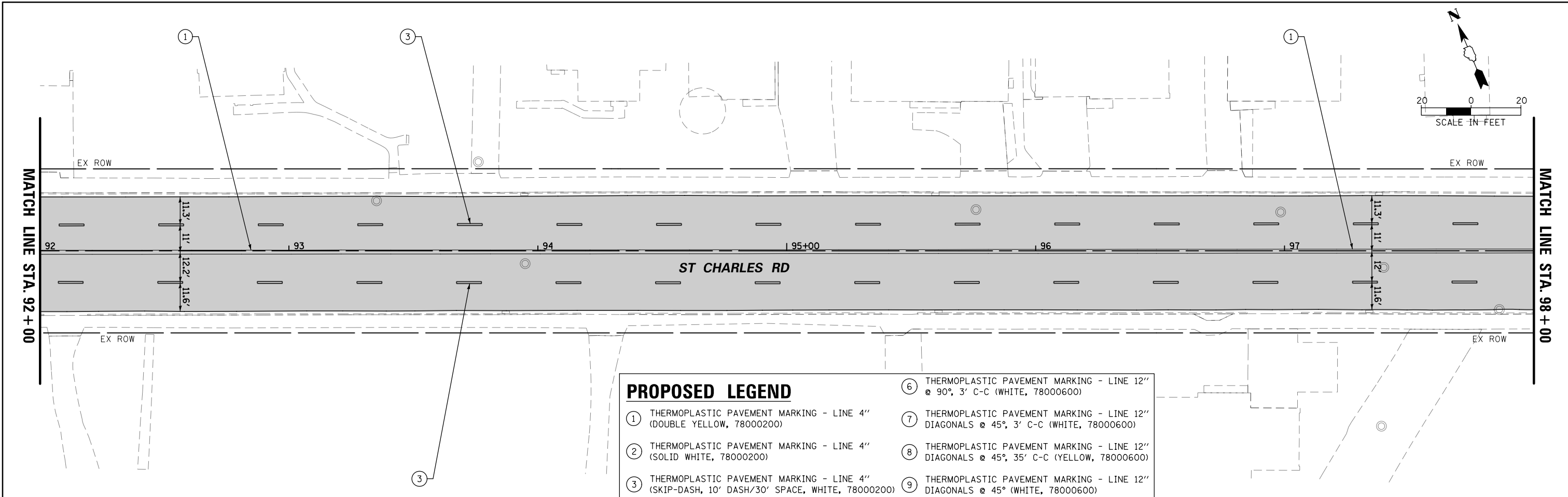
**ST CHARLES ROAD  
PAVEMENT MARKING PLAN**

SCALE: SHEET 1 OF 7 SHEETS STA. 80+00.00 TO STA. 92+00.00

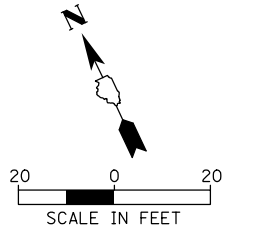
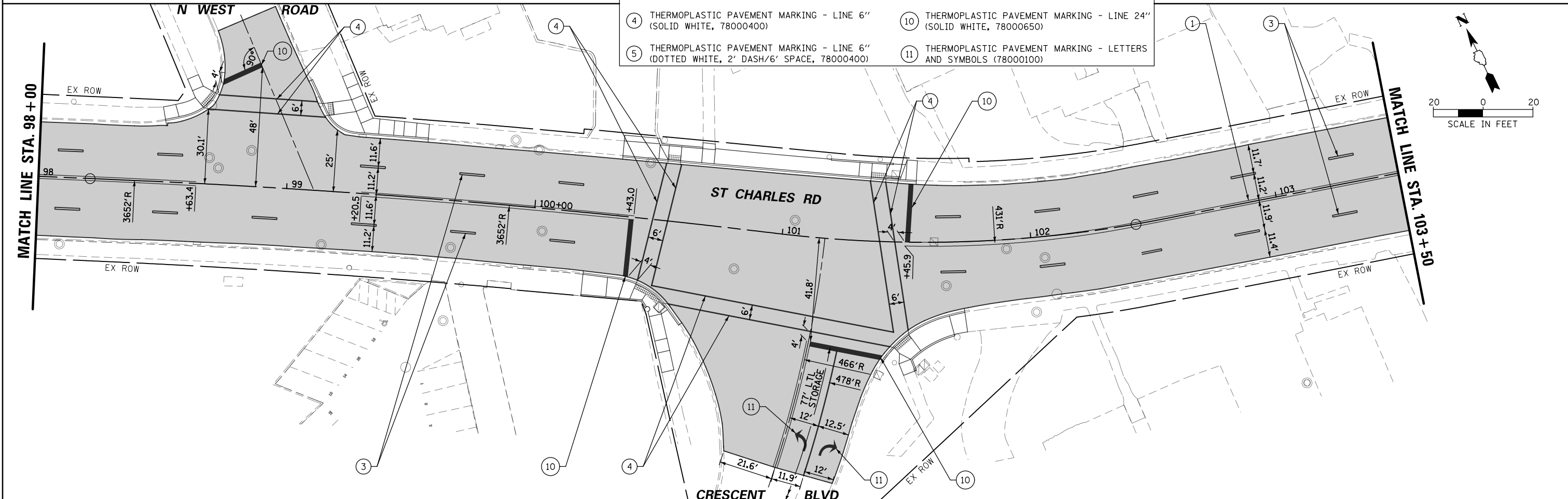
|                    |                |        |                           |           |
|--------------------|----------------|--------|---------------------------|-----------|
| FAU RTE.           | SECTION        | COUNTY | TOTAL SHEETS              | SHEET NO. |
| 1397               | 22-00163-00-R5 | DUPAGE | 63                        | 19        |
| CONTRACT NO. 61K57 |                |        | ILLINOIS FED. AID PROJECT |           |

|      |                             |      |
|------|-----------------------------|------|
| PLAN | SURVEYED                    | DATE |
|      | PLOTTED                     | BY   |
|      | GRADES CHECKED              |      |
|      | STRUCTURE NOTATIONS CHECKED |      |
|      | NOTE BOOK NO.               |      |
|      | FILE NAME                   |      |

|         |                             |      |
|---------|-----------------------------|------|
| PROFILE | SURVEYED                    | DATE |
|         | PLOTTED                     | BY   |
|         | GRADES CHECKED              |      |
|         | STRUCTURE NOTATIONS CHECKED |      |
|         | NOTE BOOK NO.               |      |
|         | FILE NAME                   |      |



| PROPOSED LEGEND   |   |
|---|---|
| ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, 78000200)                        | ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 12" @ 90°, 3' C-C (WHITE, 78000600)             |
| ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE, 78000200)                          | ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" DIAGONALS @ 45°, 3' C-C (WHITE, 78000600)   |
| ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SKIP-DASH, 10' DASH/30' SPACE, WHITE, 78000200) | ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" DIAGONALS @ 45°, 35' C-C (YELLOW, 78000600) |
| ④ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID WHITE, 78000400)                          | ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12" DIAGONALS @ 45° (WHITE, 78000600)           |
| ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (DOTTED WHITE, 2' DASH/6' SPACE, 78000400)       | ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE, 78000650)                     |
|   | ⑪ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (78000100)                       |

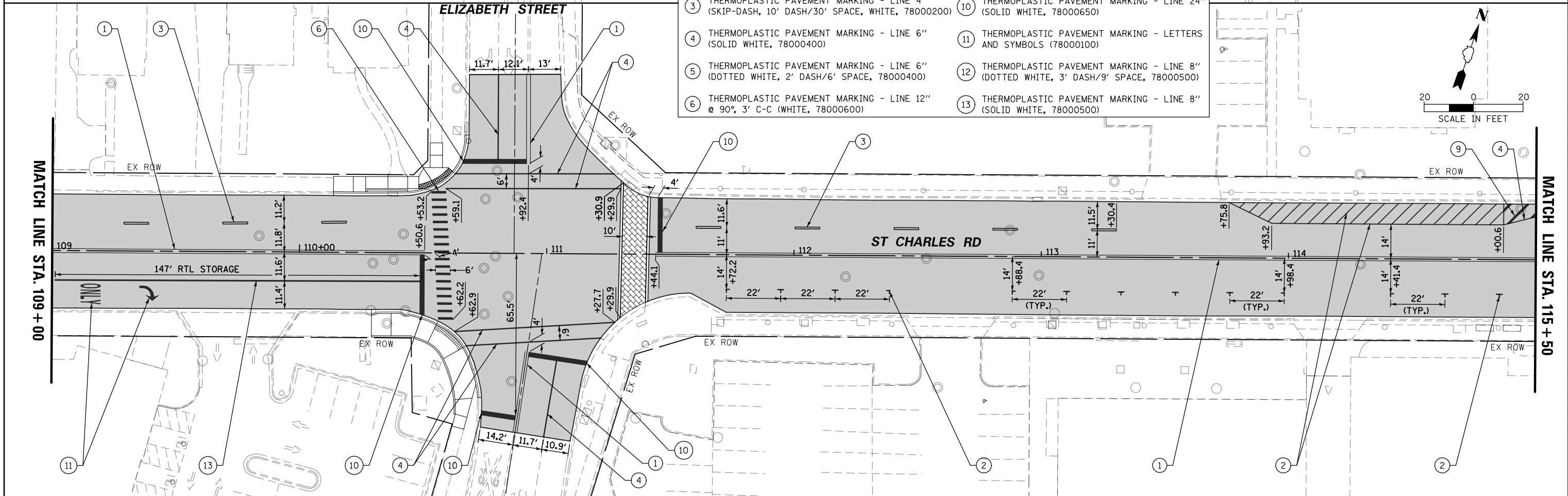
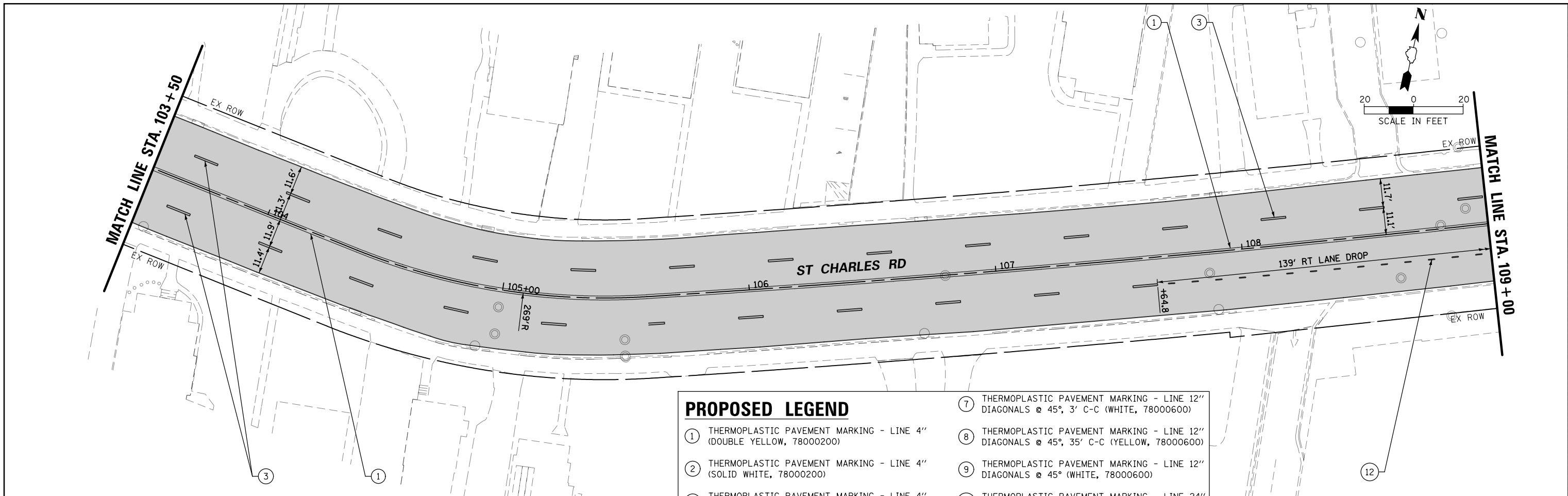


|   |                       |                |           |   |  |                            |                                 |                    |                 |                           |
|---|-----------------------|----------------|-----------|---|--|----------------------------|---------------------------------|--------------------|-----------------|---------------------------|
| FILE NAME = N:\Lombard\210413\Civil\0161K57-PavMkg_02.dgn | USER NAME = sipatel   | DESIGNED - VMR | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>ST CHARLES ROAD<br/>PAVEMENT MARKING PLAN</b> | FAU RTE. 1397              | SECTION 22-00163-00-R5          | COUNTY DUPAGE      | TOTAL SHEETS 63 | SHEET NO. 20              |
| Default   | PLOT SCALE = 48'      | CHECKED - LMF  | REVISED - |   |  | SCALE: SHEET 2 OF 7 SHEETS | STA. 92+00.00 TO STA. 103+50.00 | CONTRACT NO. 61K57 |                 | ILLINOIS FED. AID PROJECT |
|   | PLOT DATE = 5/29/2024 | DATE -         | REVISED - |   |  |                            |                                 |                    |                 |                           |



|      |          |           |
|------|----------|-----------|
| PLAN | SURVEYED | DATE      |
|      | PLOTTED  | BY        |
|      | ALIGNED  | CHECKED   |
|      | NOTED    | FILE NAME |
|      | NO.      |           |

|         |                |                   |
|---------|----------------|-------------------|
| PROFILE | SURVEYED       | DATE              |
|         | PLOTTED        | BY                |
|         | GRADES CHECKED | CHECKED           |
|         | STRUCTURE      | NOTATIONS CHECKED |
|         | NO.            |                   |



| PROPOSED LEGEND   |   |
|---|---|
| ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, 78000200)                        | ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" DIAGONALS @ 45°, 3' C-C (WHITE, 78000600)   |
| ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE, 78000200)                          | ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" DIAGONALS @ 45°, 35' C-C (YELLOW, 78000600) |
| ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SKIP-DASH, 10' DASH/30' SPACE, WHITE, 78000200) | ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12" DIAGONALS @ 45° (WHITE, 78000600)           |
| ④ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID WHITE, 78000400)                          | ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE, 78000650)                     |
| ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (DOTTED WHITE, 2' DASH/6' SPACE, 78000400)       | ⑪ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (78000100)                       |
| ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 12" @ 90°, 3' C-C (WHITE, 78000600)                 | ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (DOTTED WHITE, 3' DASH/9' SPACE, 78000500)   |
|   | ⑬ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (SOLID WHITE, 78000500)                      |

|   |                     |                |           |
|---|---------------------|----------------|-----------|
| FILE NAME = N:\Lombard\210413\Civil\0161K57-PavMkg.03.dgn | USER NAME = sipatel | DESIGNED - VMR | REVISED - |
|   |                     | DRAWN - PMM    | REVISED - |
|   |                     | CHECKED - LMF  | REVISED - |
|   |                     | DATE -         | REVISED - |

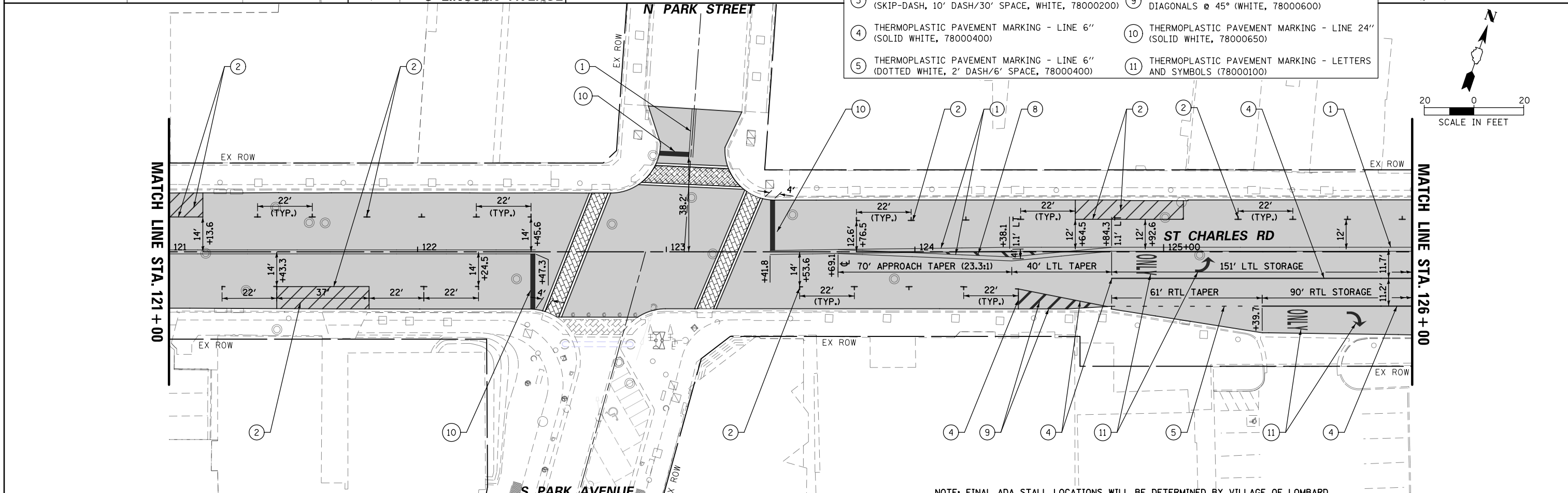
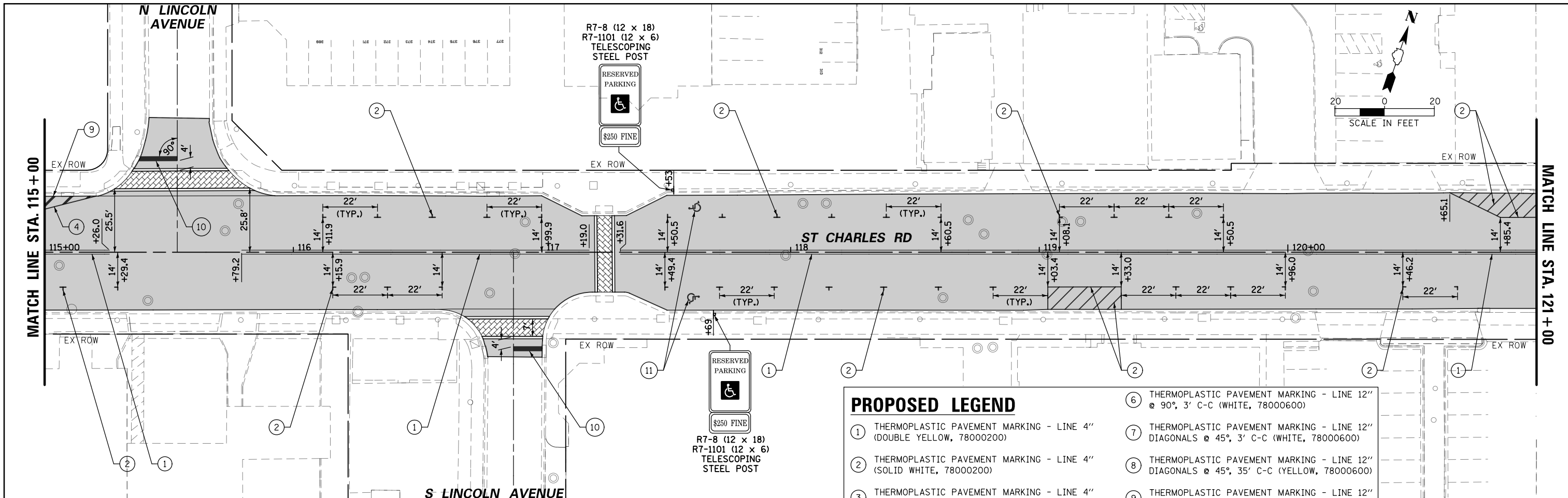
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

|  |  |
|--|--|
| <b>ST CHARLES ROAD<br/>PAVEMENT MARKING PLAN</b> |  |
| SCALE:   | SHEET 3 OF 7 SHEETS STA. 103+50.00 TO STA. 115+00.00 |

|                    |                |        |                           |           |
|--------------------|----------------|--------|---------------------------|-----------|
| FAU RTE.           | SECTION        | COUNTY | TOTAL SHEETS              | SHEET NO. |
| 1397               | 22-00163-00-R5 | DUPAGE | 63                        | 21        |
| CONTRACT NO. 61K57 |                |        | ILLINOIS FED. AID PROJECT |           |

|      |          |         |
|------|----------|---------|
| PLAN | SURVEYED | DATE    |
|      | PLOTTED  | BY      |
|      | ALIGNED  | CHECKED |
|      | FILED    | NO.     |
|      | NO. 1    | NO. 2   |

|         |           |         |
|---------|-----------|---------|
| PROFILE | SURVEYED  | DATE    |
|         | PLOTTED   | BY      |
|         | GRADES    | CHECKED |
|         | STRUCTURE | NOTATRS |
|         | NO. 1     | NO. 2   |



**PROPOSED LEGEND**

|   |   |
|---|---|
| ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, 78000200)                        | ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 12" @ 90°, 3' C-C (WHITE, 78000600)             |
| ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE, 78000200)                          | ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" DIAGONALS @ 45°, 3' C-C (WHITE, 78000600)   |
| ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SKIP-DASH, 10' DASH/30' SPACE, WHITE, 78000200) | ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" DIAGONALS @ 45°, 35' C-C (YELLOW, 78000600) |
| ④ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID WHITE, 78000400)                          | ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12" DIAGONALS @ 45° (WHITE, 78000600)           |
| ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (DOTTED WHITE, 2' DASH/6' SPACE, 78000400)       | ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE, 78000650)                     |
|   | ⑪ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (78000100)                       |

NOTE: FINAL ADA STALL LOCATIONS WILL BE DETERMINED BY VILLAGE OF LOMBARD

|   |                     |                |           |
|---|---------------------|----------------|-----------|
| FILE NAME = N:\Lombard\210413\Civil\0161K57-PavMkg.04.dgn | USER NAME = sipatel | DESIGNED - VMR | REVISED - |
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|   |                     | CHECKED - LMF  | REVISED - |
|   |                     | DATE -         | REVISED - |

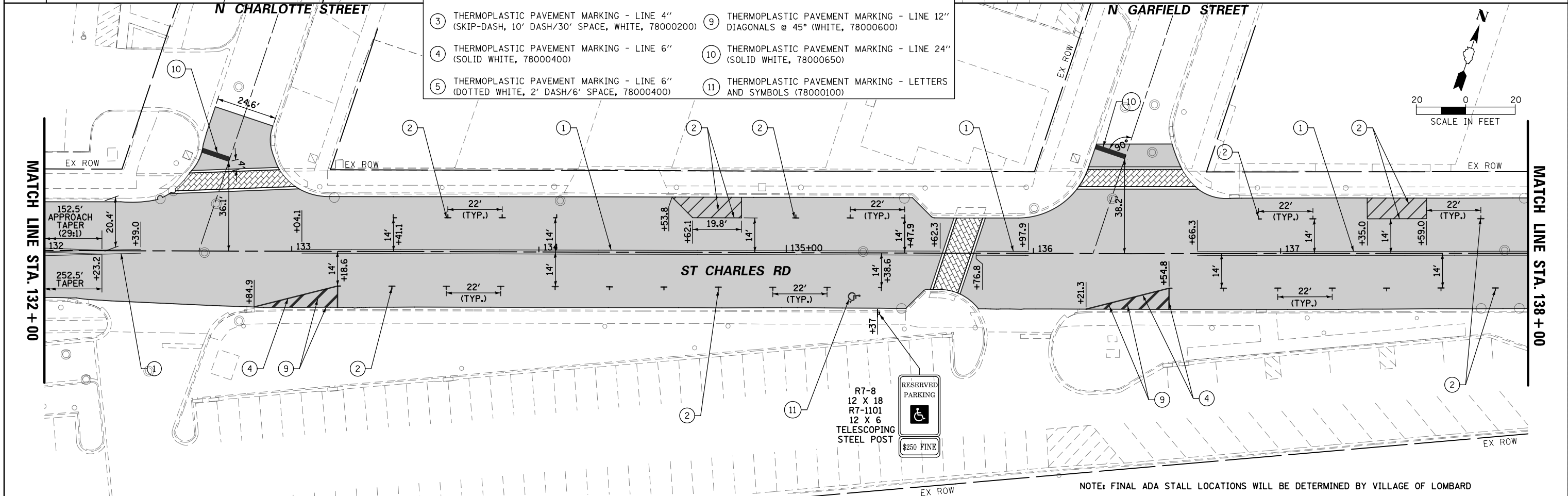
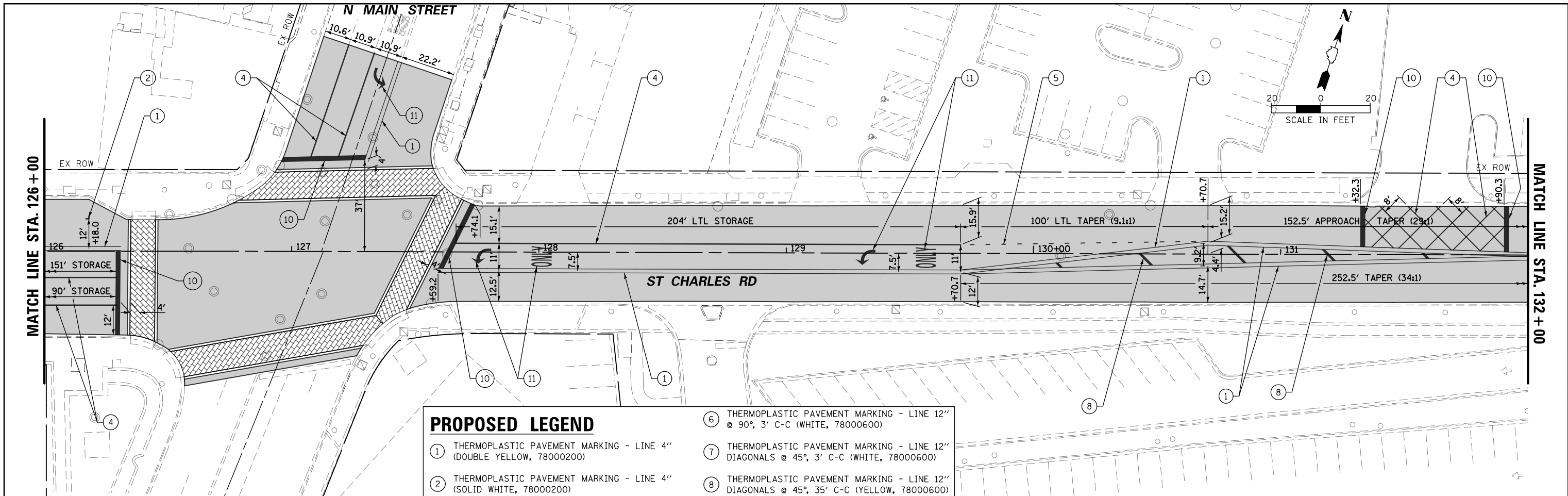
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

|  |  |
|--|--|
| <b>ST CHARLES ROAD<br/>PAVEMENT MARKING PLAN</b> |  |
| SCALE:   | SHEET 4 OF 7 SHEETS STA. 115+00.00 TO STA. 126+00.00 |

|                    |                |        |                           |           |
|--------------------|----------------|--------|---------------------------|-----------|
| FAU RTE.           | SECTION        | COUNTY | TOTAL SHEETS              | SHEET NO. |
| 1397               | 22-00163-00-R5 | DUPAGE | 63                        | 22        |
| CONTRACT NO. 61K57 |                |        | ILLINOIS FED. AID PROJECT |           |

|      |          |    |      |
|------|----------|----|------|
| PLAN | SURVEYED | BY | DATE |
|      | PLOTTED  |    |      |
|      | ALIGNED  |    |      |
|      | CHECKED  |    |      |
|      | FILED    |    |      |
|      | NO.      |    |      |

|         |           |    |      |
|---------|-----------|----|------|
| PROFILE | SURVEYED  | BY | DATE |
|         | PLOTTED   |    |      |
|         | GRADES    |    |      |
|         | CHECKED   |    |      |
|         | STRUCTURE |    |      |
|         | NOTATIONS |    |      |
|         | CHKD      |    |      |
|         | NO.       |    |      |



| PROPOSED LEGEND |   |
|-----------------|---|
| ①               | THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, 78000200)                        |
| ②               | THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE, 78000200)                          |
| ③               | THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SKIP-DASH, 10' DASH/30' SPACE, WHITE, 78000200) |
| ④               | THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID WHITE, 78000400)                          |
| ⑤               | THERMOPLASTIC PAVEMENT MARKING - LINE 6" (DOTTED WHITE, 2' DASH/6' SPACE, 78000400)       |
| ⑥               | THERMOPLASTIC PAVEMENT MARKING - LINE 12" @ 90°, 3' C-C (WHITE, 78000600)                 |
| ⑦               | THERMOPLASTIC PAVEMENT MARKING - LINE 12" DIAGONALS @ 45°, 3' C-C (WHITE, 78000600)       |
| ⑧               | THERMOPLASTIC PAVEMENT MARKING - LINE 12" DIAGONALS @ 45°, 35' C-C (YELLOW, 78000600)     |
| ⑨               | THERMOPLASTIC PAVEMENT MARKING - LINE 12" DIAGONALS @ 45° (WHITE, 78000600)               |
| ⑩               | THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE, 78000650)                         |
| ⑪               | THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (78000100)                           |



NOTE: FINAL ADA STALL LOCATIONS WILL BE DETERMINED BY VILLAGE OF LOMBARD

|   |                       |                |           |
|---|-----------------------|----------------|-----------|
| FILE NAME =                                   | USER NAME = sipatel   | DESIGNED - VMR | REVISED - |
| N:\Lombard\210413\Civil\0161K57-PavMkg.05.dgn |                       | DRAWN - PMM    | REVISED - |
| Default                                       | PLOT SCALE = 48"      | CHECKED - LMF  | REVISED - |
|   | PLOT DATE = 5/29/2024 | DATE -         | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ST CHARLES ROAD  
PAVEMENT MARKING PLAN

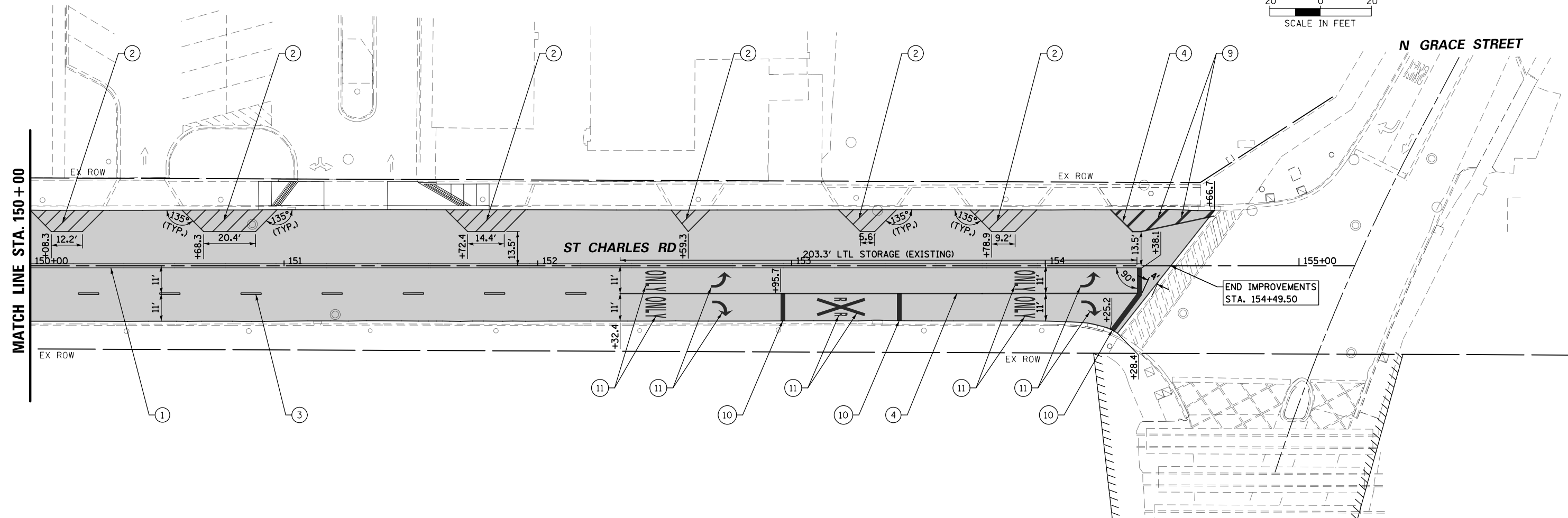
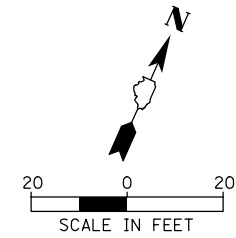
SCALE: SHEET 5 OF 7 SHEETS STA. 126+00.00 TO STA. 138+00.00

|                    |                |        |                           |           |
|--------------------|----------------|--------|---------------------------|-----------|
| FAU RTE.           | SECTION        | COUNTY | TOTAL SHEETS              | SHEET NO. |
| 1397               | 22-00163-00-R5 | DUPAGE | 63                        | 23        |
| CONTRACT NO. 61K57 |                |        | ILLINOIS FED. AID PROJECT |           |



|      |                              |    |      |
|------|------------------------------|----|------|
| PLAN | SURVEYED                     | BY | DATE |
|      | PLOTTED                      |    |      |
|      | GRADES CHECKED               |    |      |
|      | ALIGNMENT CHECKED            |    |      |
|      | STRUCTURE NOT AT THIS OFFICE |    |      |
|      | NO. _____                    |    |      |

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|---------|------------------------------|----|------|
| PROFILE | SURVEYED                     | BY | DATE |
|         | PLOTTED                      |    |      |
|         | GRADES CHECKED               |    |      |
|         | ALIGNMENT CHECKED            |    |      |
|         | STRUCTURE NOT AT THIS OFFICE |    |      |
|         | NO. _____                    |    |      |



| PROPOSED LEGEND   |   |
|---|---|
| ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, 78000200)                        | ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 12" @ 90°, 3' C-C (WHITE, 78000600)             |
| ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE, 78000200)                          | ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" DIAGONALS @ 45°, 3' C-C (WHITE, 78000600)   |
| ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SKIP-DASH, 10' DASH/30' SPACE, WHITE, 78000200) | ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" DIAGONALS @ 45°, 35' C-C (YELLOW, 78000600) |
| ④ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID WHITE, 78000400)                          | ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12" DIAGONALS @ 45° (WHITE, 78000600)           |
| ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (DOTTED WHITE, 2' DASH/6' SPACE, 78000400)       | ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE, 78000650)                     |
|   | ⑪ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (78000100)                       |

|   |                     |                |           |
|---|---------------------|----------------|-----------|
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|   |                     | DRAWN - PMM    | REVISED - |
|   |                     | CHECKED - LMF  | REVISED - |
|   |                     | DATE -         | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

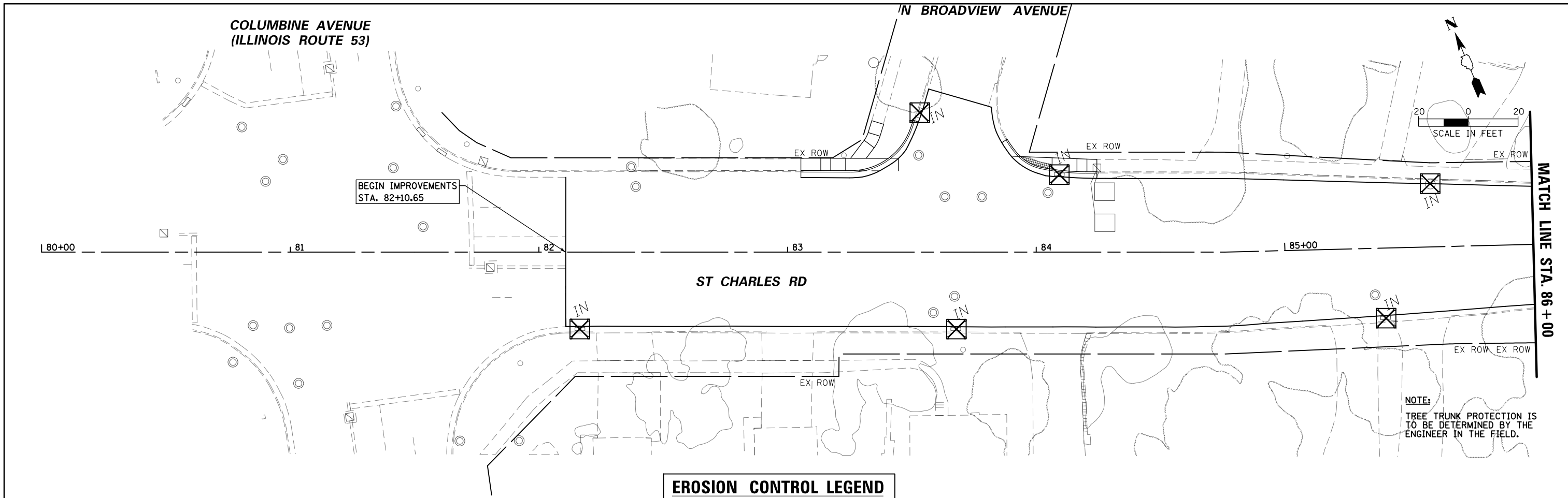
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| <b>ST CHARLES ROAD<br/>PAVEMENT MARKING PLAN</b> |  | FAU RTE.            | SECTION        | COUNTY                           | TOTAL SHEETS | SHEET NO. |
|  |  | 1397                | 22-00163-00-R5 | DUPAGE                           | 63           | 25        |
| SCALE:   |  | SHEET 7 OF 7 SHEETS |                | STA. 150+00.00 TO STA. 155+00.00 |              |           |

|                    |  |                           |  |
|--------------------|--|---------------------------|--|
| CONTRACT NO. 61K57 |  | ILLINOIS FED. AID PROJECT |  |
|--------------------|--|---------------------------|--|



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|------|-----------------------------|------|
| PLAN | SURVEYED                    | DATE |
|      | PLOTTED                     | BY   |
|      | GRADES CHECKED              |      |
|      | ALIGNMENT CHECKED           |      |
|      | STRUCTURE NOTATIONS CHECKED |      |
|      | NOTE BOOK NO.               |      |
|      | FILE NAME                   |      |

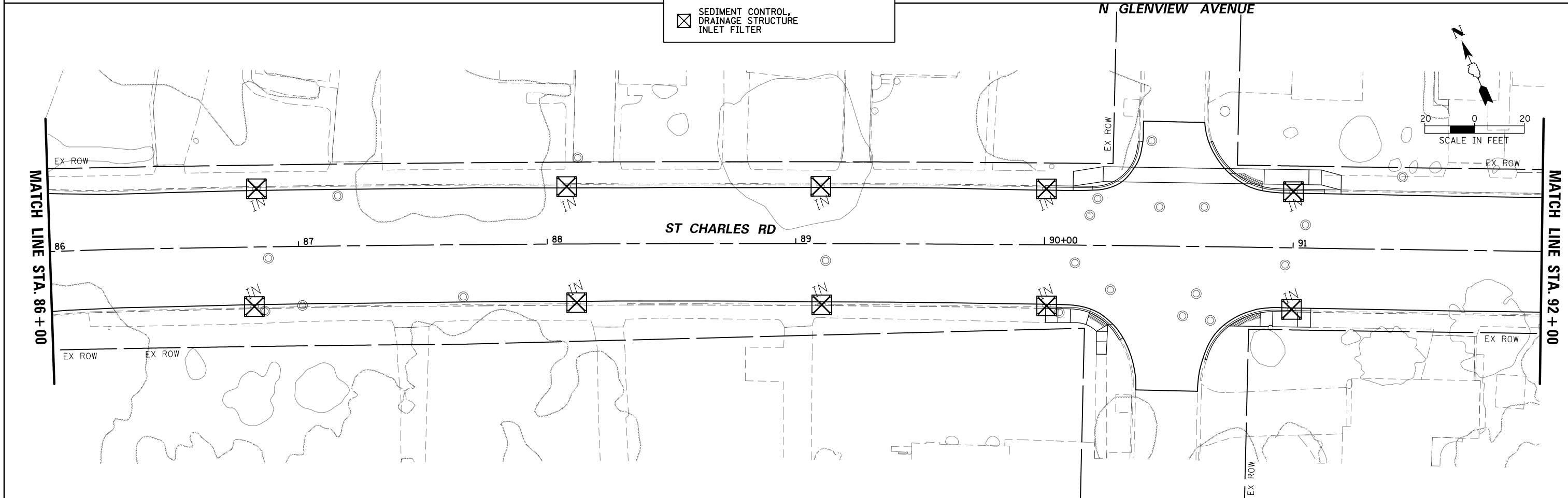
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| PROFILE | SURVEYED                    | DATE |
|         | PLOTTED                     | BY   |
|         | GRADES CHECKED              |      |
|         | ALIGNMENT CHECKED           |      |
|         | STRUCTURE NOTATIONS CHECKED |      |
|         | NOTE BOOK NO.               |      |
|         | FILE NAME                   |      |



**EROSION CONTROL LEGEND**

☒ SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER

**NOTE:**  
TREE TRUNK PROTECTION IS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.



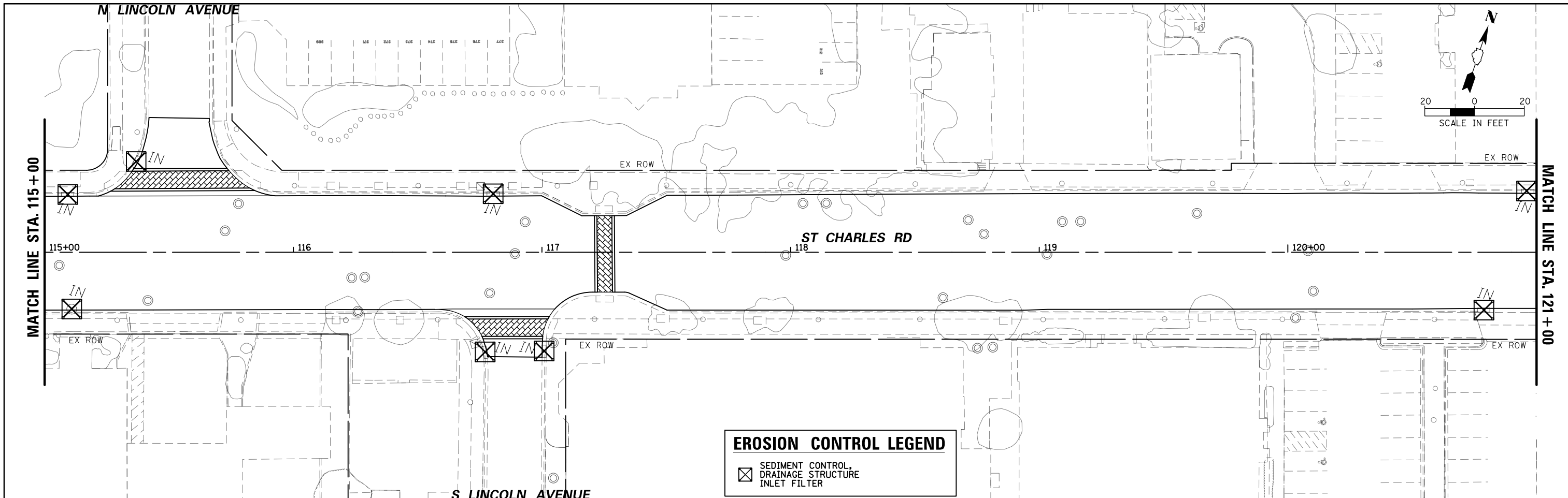
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| PLOT SCALE = 48'  | CHECKED - LMF       | REVISED -      | SCALE: SHEET 1 OF 7 SHEETS STA. 80+00.00 TO STA. 92+00.00 |   |   | CONTRACT NO. 61K57 |                        |               |                 |              |
| PLOT DATE = 5/29/2024                                   | DATE -              | REVISED -      | ILLINOIS FED. AID PROJECT                                 |   |   |                    |                        |               |                 |              |
| Default   |                     |                |   |   |   |                    |                        |               |                 |              |





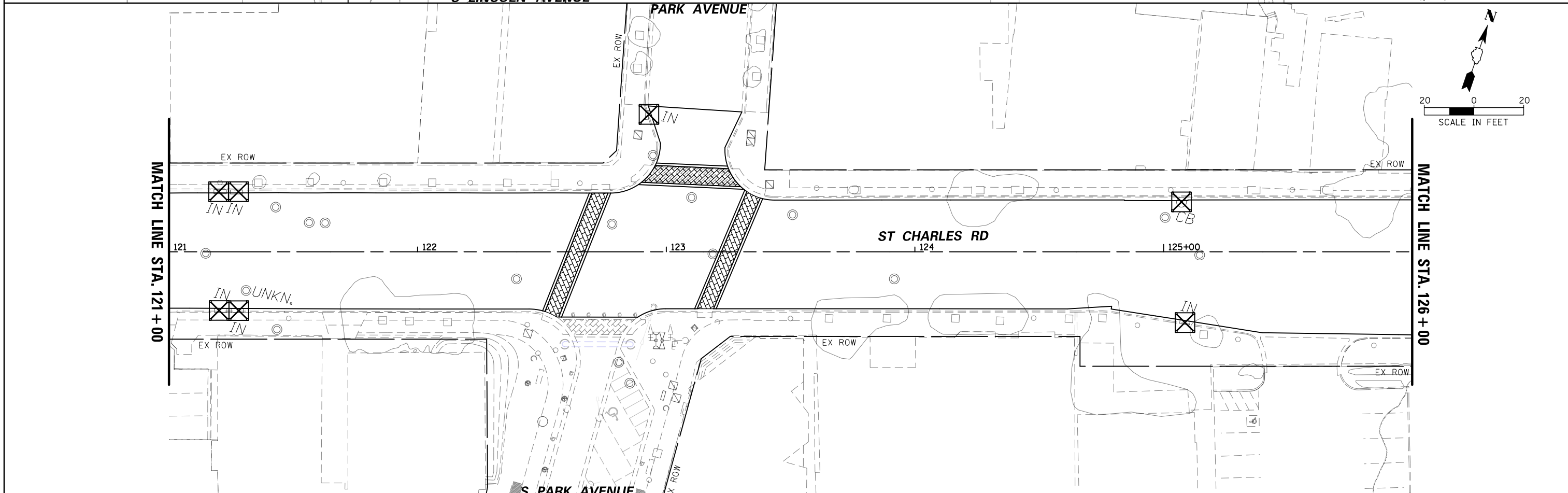
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|------|-------------------|------|
| PLAN | SURVEYED          | DATE |
|      | PLOTTED           | BY   |
|      | GRADES CHECKED    |      |
|      | ALIGNMENT CHECKED |      |
|      | NOTE BOOK         |      |
|      | NO.               |      |
|      | FILE NAME         |      |

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|---------|----------------------------|------|
| PROFILE | SURVEYED                   | DATE |
|         | PLOTTED                    | BY   |
|         | GRADES CHECKED             |      |
|         | STRUCTURE NOT AT THIS CHFD |      |
|         | NO.                        |      |



**EROSION CONTROL LEGEND**

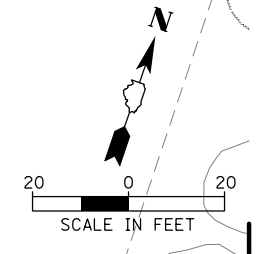
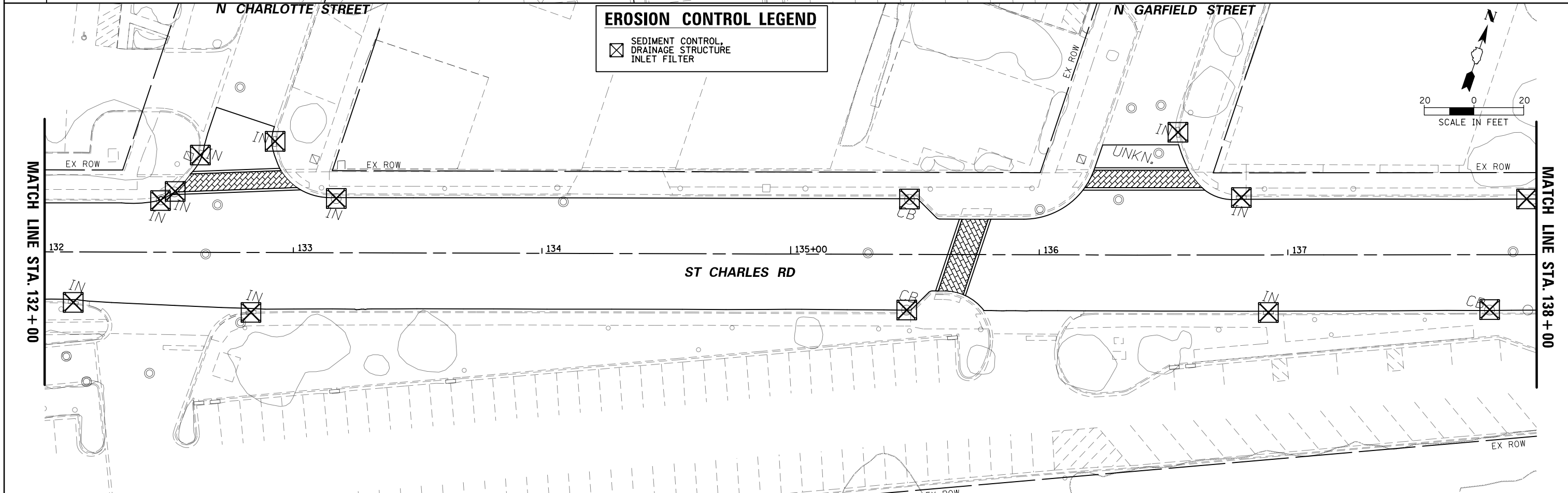
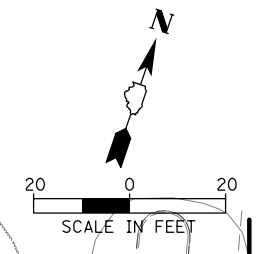
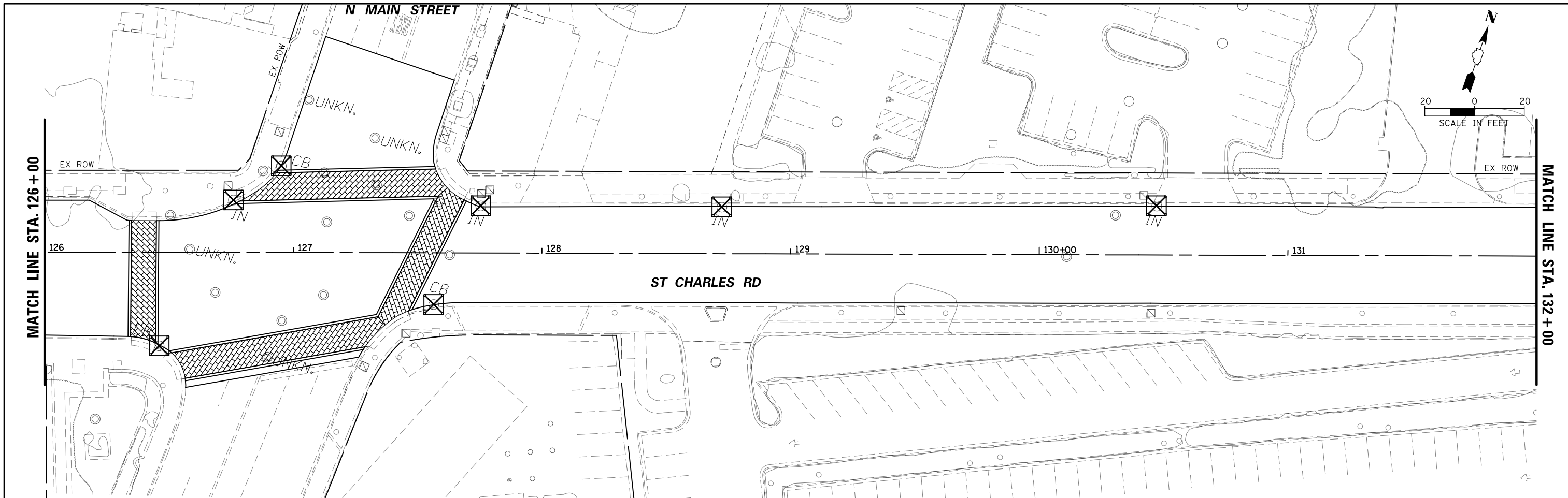
☒ SEDIMENT CONTROL  
☒ DRAINAGE STRUCTURE  
☒ INLET FILTER



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|---|-----------------------|----------------|-----------|---|---|----------------------------|----------------------------------|--------------------|-----------------|---------------------------|--|
| FILE NAME = N:\Lombard\210413\Civil\DI61K57-Erosion.dgn | USER NAME = sipatel   | DESIGNED - VMR | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>ST CHARLES ROAD<br/>SOIL EROSION &amp; SEDIMENT CONTROL PLAN</b> | FAU RTE. 1397              | SECTION 22-00163-00-R5           | COUNTY DUPAGE      | TOTAL SHEETS 63 | SHEET NO. 29              |  |
| Default   | PLOT SCALE = 48'      | CHECKED - LMF  | REVISED - |   |   | SCALE: SHEET 4 OF 7 SHEETS | STA. 115+00.00 TO STA. 126+00.00 | CONTRACT NO. 61K57 |                 | ILLINOIS FED. AID PROJECT |  |
|   | PLOT DATE = 5/29/2024 | DATE -         | REVISED - |   |   |                            |                                  |                    |                 |                           |  |
|   |                       |                |           |   |   |                            |                                  |                    |                 |                           |  |

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| PLAN | SURVEYED                    | DATE |
|      | PLOTTED                     | BY   |
|      | GRADES CHECKED              |      |
|      | ALIGNMENT CHECKED           |      |
|      | STRUCTURE NOTATIONS CHECKED |      |
|      | NOTE BOOK NO.               |      |
|      | FILE NAME                   |      |

|         |                             |      |
|---------|-----------------------------|------|
| PROFILE | SURVEYED                    | DATE |
|         | PLOTTED                     | BY   |
|         | GRADES CHECKED              |      |
|         | ALIGNMENT CHECKED           |      |
|         | STRUCTURE NOTATIONS CHECKED |      |
|         | NOTE BOOK NO.               |      |
|         | FILE NAME                   |      |



**EROSION CONTROL LEGEND**

☒ SEDIMENT CONTROL, DRAINAGE STRUCTURE, INLET FILTER

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|---|-----------------------|----------------|-----------|
| FILE NAME =                                 | USER NAME = sipatel   | DESIGNED - VMR | REVISED - |
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| Default                                     |                       | CHECKED - LMF  | REVISED - |
|   | PLOT DATE = 5/29/2024 | DATE -         | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

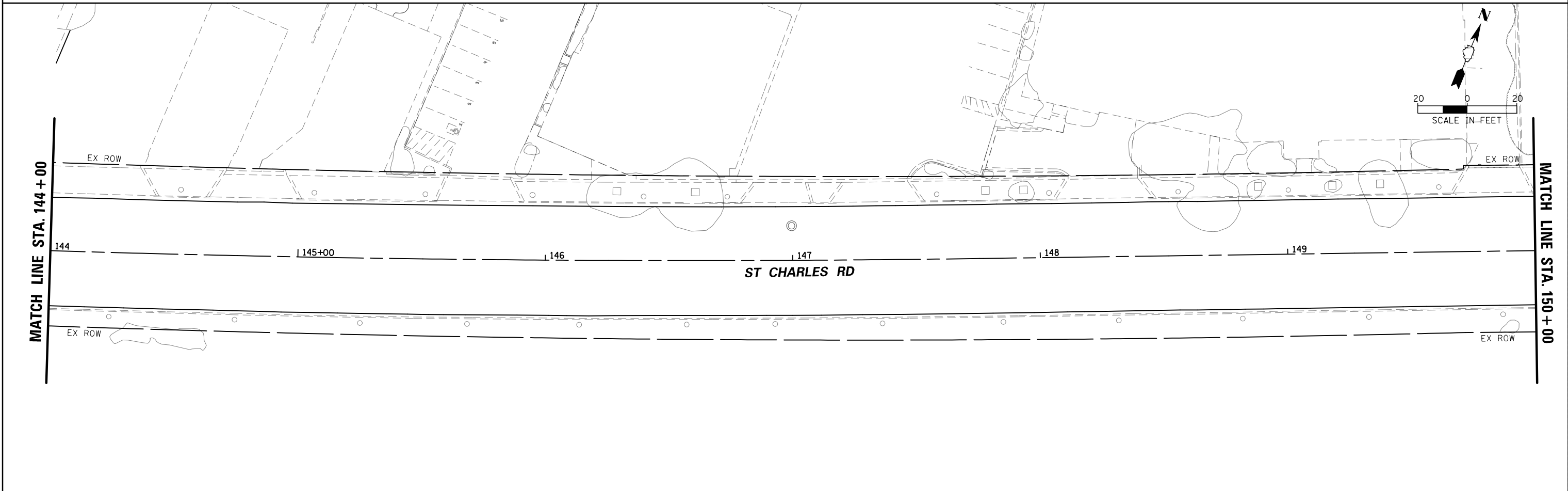
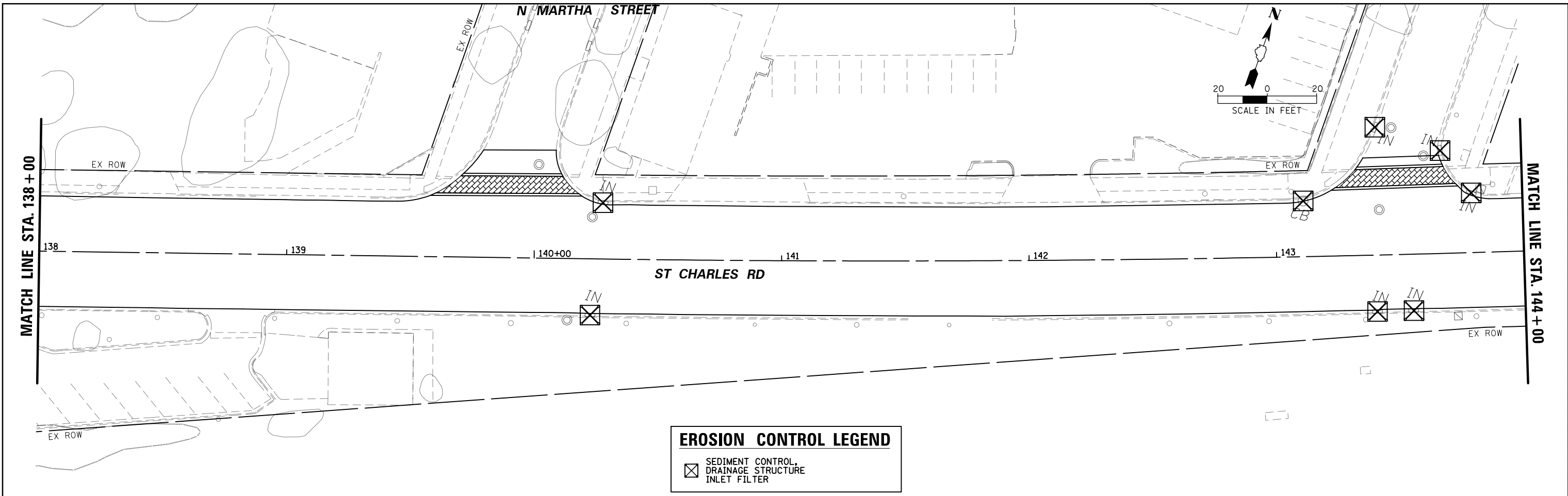
**ST CHARLES ROAD  
SOIL EROSION & SEDIMENT CONTROL PLAN**

SCALE: SHEET 5 OF 7 SHEETS STA. 126+00.00 TO STA. 138+00.00

| FAU RTE.                  | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO.          |
|---------------------------|----------------|--------|--------------|--------------------|
| 1397                      | 22-00163-00-R5 | DUPAGE | 63           | 30                 |
|                           |                |        |              | CONTRACT NO. 61K57 |
| ILLINOIS FED. AID PROJECT |                |        |              |                    |

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|------|------------------------------|------|
| PLAN | SURVEYED                     | DATE |
|      | PLOTTED                      |      |
|      | GRADES CHECKED               |      |
|      | ALIGNMENT CHECKED            |      |
|      | STRUCTURE NOT AT THIS OFFICE |      |
|      | FILE NAME                    |      |
|      | NO.                          |      |

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| PROFILE | SURVEYED                     | DATE |
|         | PLOTTED                      |      |
|         | GRADES CHECKED               |      |
|         | ALIGNMENT CHECKED            |      |
|         | STRUCTURE NOT AT THIS OFFICE |      |
|         | FILE NAME                    |      |
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| Default                                     |                       | CHECKED - LMF  | REVISED - |
|   | PLOT DATE = 5/29/2024 | DATE -         | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

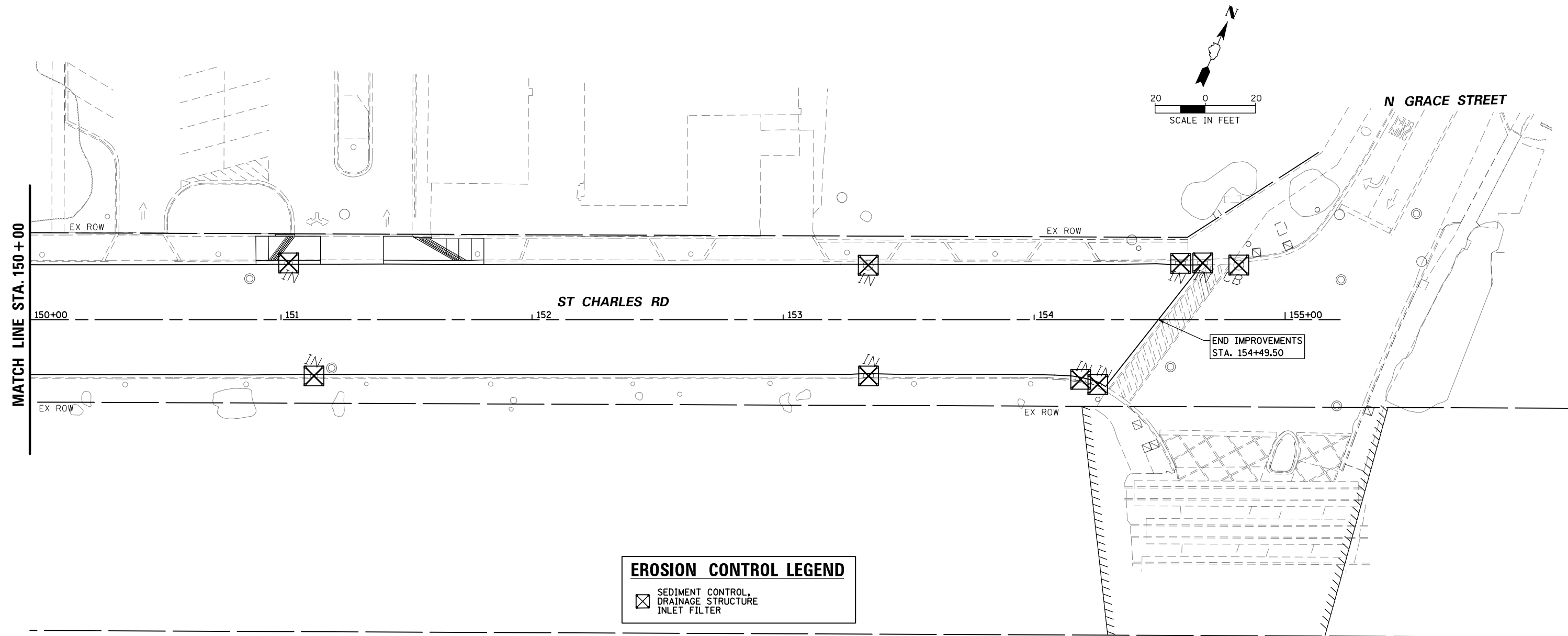
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| <b>ST CHARLES ROAD<br/>SOIL EROSION &amp; SEDIMENT CONTROL PLAN</b> |  |
| SCALE:  | SHEET 6 OF 7 SHEETS STA. 138+00.00 TO STA. 150+00.00 |

| FAU RTE.           | SECTION        | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|----------------|--------|---------------------------|-----------|
| 1397               | 22-00163-00-R5 | DUPAGE | 63                        | 31        |
| CONTRACT NO. 61K57 |                |        | ILLINOIS FED. AID PROJECT |           |



|      |                   |    |      |
|------|-------------------|----|------|
| PLAN | SURVEYED          | BY | DATE |
|      | PLOTTED           |    |      |
|      | GRADES CHECKED    |    |      |
|      | ALIGNMENT CHECKED |    |      |
|      | ASPHALT PAVED     |    |      |
|      | CONCRETE PAVED    |    |      |
|      | FILE NAME         |    |      |
|      | NO.               |    |      |

|         |                              |    |      |
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| PROFILE | SURVEYED                     | BY | DATE |
|         | PLOTTED                      |    |      |
|         | GRADES CHECKED               |    |      |
|         | STRUCTURE NOT AT THIS OFFICE |    |      |
|         | NO.                          |    |      |



**EROSION CONTROL LEGEND**

☒ SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER

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| Default                                     |                       | CHECKED - LMF  | REVISED - |
|   | PLOT DATE = 5/29/2024 | DATE -         | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

|   |  |
|---|--|
| <b>ST CHARLES ROAD</b>                          |  |
| <b>SOIL EROSION &amp; SEDIMENT CONTROL PLAN</b> |  |
| SCALE:  | SHEET 7 OF 7 SHEETS STA. 150+00.00 TO STA. 155+00.00 |

|                           |                |        |              |                    |
|---------------------------|----------------|--------|--------------|--------------------|
| FAU RTE.                  | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO.          |
| 1397                      | 22-00163-00-R5 | DUPAGE | 63           | 32                 |
|                           |                |        |              | CONTRACT NO. 61K57 |
| ILLINOIS FED. AID PROJECT |                |        |              |                    |

# TRAFFIC SIGNAL LEGEND

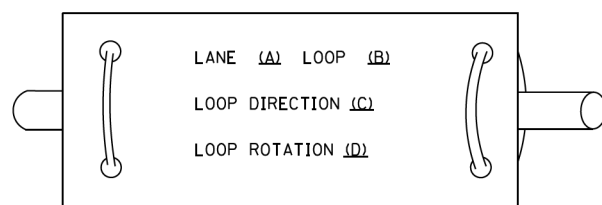
(NOT TO SCALE)

| ITEM  | EXISTING | PROPOSED | ITEM   | EXISTING | PROPOSED | ITEM  | EXISTING | PROPOSED |
|---|----------|----------|--|----------|----------|---|----------|----------|
| CONTROLLER CABINET  |          |          | HANDHOLE<br>-SQUARE<br>-ROUND                      |          |          | SIGNAL HEAD<br>-(P) PROGRAMMABLE SIGNAL HEAD  |          |          |
| COMMUNICATION CABINET   |          |          | HEAVY DUTY HANDHOLE<br>-SQUARE<br>-ROUND           |          |          | SIGNAL HEAD WITH BACKPLATE<br>-(P) PROGRAMMABLE SIGNAL HEAD<br>-(RB) RETROREFLECTIVE BACKPLATE                    |          |          |
| MASTER CONTROLLER   |          |          | DOUBLE HANDHOLE                                    |          |          | PEDESTRIAN SIGNAL HEAD<br>AT RAILROAD INTERSECTIONS   |          |          |
| MASTER MASTER CONTROLLER  |          |          | JUNCTION BOX                                       |          |          | PEDESTRIAN SIGNAL HEAD<br>WITH COUNTDOWN TIMER  |          |          |
| UNINTERRUPTABLE POWER SUPPLY  |          |          | RAILROAD CANTILEVER MAST ARM                       |          |          | ILLUMINATED SIGN<br>"NO LEFT TURN"/"NO RIGHT TURN"  |          |          |
| SERVICE INSTALLATION<br>-(P) POLE MOUNTED                                   |          |          | RAILROAD FLASHING SIGNAL                           |          |          | NUMBER OF CONDUCTORS, ELECTRIC<br>CABLE NO. 14, UNLESS NOTED OTHERWISE.<br>ALL DETECTOR LOOP CABLE TO BE SHIELDED |          |          |
| SERVICE INSTALLATION<br>-(G) GROUND MOUNTED<br>-(GM) GROUND MOUNTED METERED |          |          | RAILROAD CROSSING GATE                             |          |          | GROUND CABLE IN CONDUIT,<br>NO. 6 SOLID COPPER (GREEN)  |          |          |
| TELEPHONE CONNECTION  |          |          | RAILROAD CROSSBUCK                                 |          |          | ELECTRIC CABLE IN CONDUIT, TRACER<br>NO. 14 1/C   |          |          |
| STEEL MAST ARM ASSEMBLY AND POLE  |          |          | RAILROAD CONTROLLER CABINET                        |          |          | COAXIAL CABLE   |          |          |
| ALUMINUM MAST ARM ASSEMBLY AND POLE   |          |          | UNDERGROUND CONDUIT (UC),<br>GALVANIZED STEEL      |          |          | VENDOR CABLE  |          |          |
| STEEL COMBINATION MAST ARM<br>ASSEMBLY AND POLE WITH LUMINAIRE              |          |          | TEMPORARY SPAN WIRE,<br>TETHER WIRE, AND CABLE     |          |          | COPPER INTERCONNECT CABLE,<br>NO. 18, 3 PAIR TWISTED, SHIELDED  |          |          |
| SIGNAL POST<br>-(BM) BARREL MOUNTED - TEMPORARY                             |          |          | SYSTEM ITEM  |          |          | FIBER OPTIC CABLE<br>-NO. 62.5/125, MM12F<br>-NO. 62.5/125, MM12F SM12F<br>-NO. 62.5/125, MM12F SM24F             |          |          |
| WOOD POLE   |          |          | INTERSECTION ITEM                                  |          |          | GROUND ROD<br>-(C) CONTROLLER<br>-(M) MAST ARM<br>-(P) POST<br>-(S) SERVICE                                       |          |          |
| GUY WIRE  |          |          | REMOVE ITEM  |          |          |   |          |          |
| SIGNAL HEAD   |          |          | RELOCATE ITEM                                      |          |          |   |          |          |
| SIGNAL HEAD WITH BACKPLATE  |          |          | ABANDON ITEM                                       |          |          |   |          |          |
| SIGNAL HEAD OPTICALLY PROGRAMMED  |          |          | CONTROLLER CABINET AND<br>FOUNDATION TO BE REMOVED |          |          |   |          |          |
| FLASHER INSTALLATION<br>-(FS) SOLAR POWERED                                 |          |          | MAST ARM POLE AND<br>FOUNDATION TO BE REMOVED      |          |          |   |          |          |
| PEDESTRIAN SIGNAL HEAD  |          |          | SIGNAL POST AND<br>FOUNDATION TO BE REMOVED        |          |          |   |          |          |
| PEDESTRIAN PUSH BUTTON<br>-(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON          |          |          | DETECTOR LOOP, TYPE I                              |          |          |   |          |          |
| RADAR DETECTION SENSOR  |          |          | PREFORMED DETECTOR LOOP                            |          |          |   |          |          |
| VIDEO DETECTION CAMERA  |          |          | SAMPLING (SYSTEM) DETECTOR                         |          |          |   |          |          |
| RADAR/VIDEO DETECTION ZONE  |          |          | INTERSECTION AND SAMPLING<br>(SYSTEM) DETECTOR     |          |          |   |          |          |
| PAN, TILT, ZOOM (PTZ) CAMERA  |          |          | QUEUE AND SAMPLING<br>(SYSTEM) DETECTOR            |          |          |   |          |          |
| EMERGENCY VEHICLE LIGHT DETECTOR  |          |          | WIRELESS DETECTOR SENSOR                           |          |          |   |          |          |
| CONFIRMATION BEACON   |          |          | WIRELESS ACCESS POINT                              |          |          |   |          |          |
| WIRELESS INTERCONNECT   |          |          |  |          |          |   |          |          |
| WIRELESS INTERCONNECT RADIO REPEATER  |          |          |  |          |          |   |          |          |

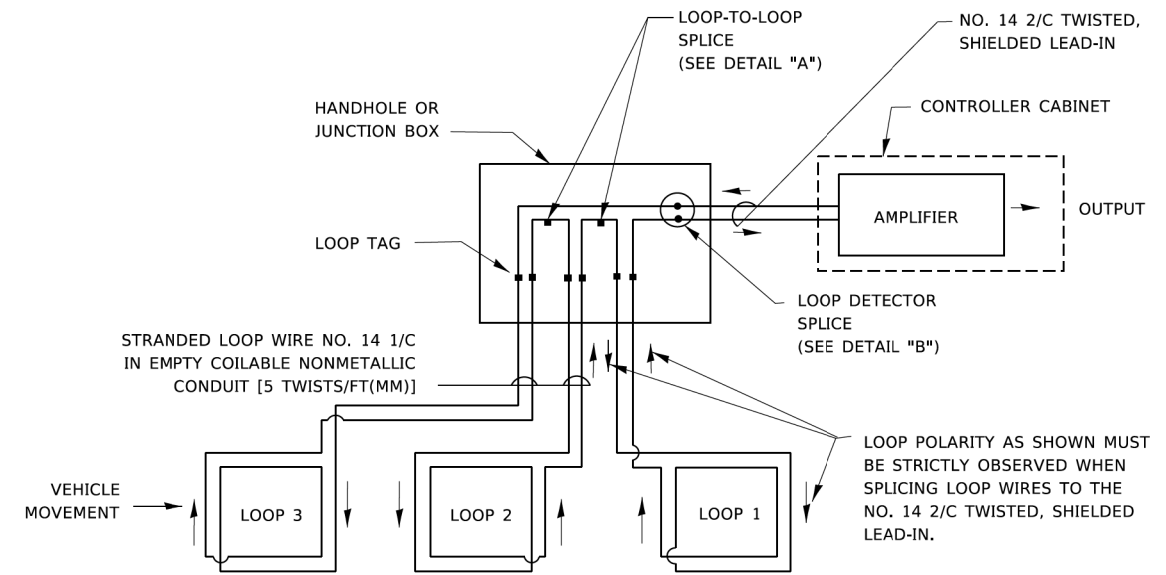
**LOOP DETECTOR NOTES**

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVESHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

**LOOP LEAD-IN CABLE TAG**

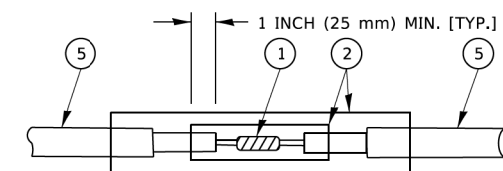


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

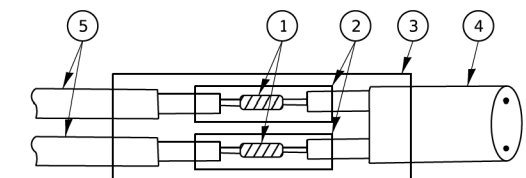


**DETECTOR LOOP WIRING SCHEMATIC**

- LOOPS SHALL BE SPLICED IN SERIES. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE,
- THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

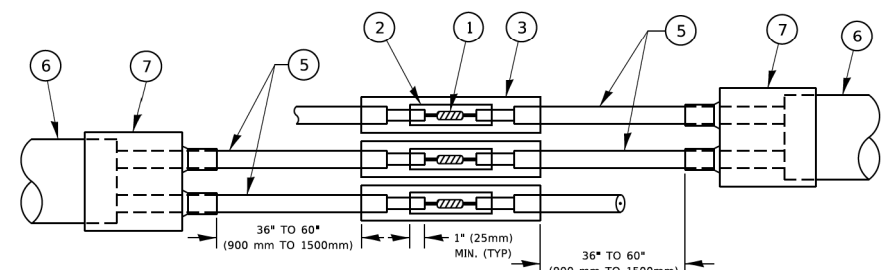


DETAIL "A"  
LOOP-TO-LOOP SPLICE

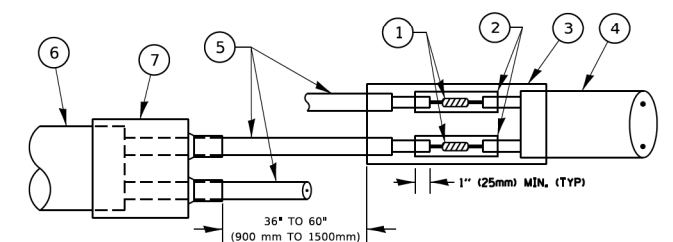


DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE

**TYPE I LOOP**



DETAIL "A"  
LOOP-TO-LOOP SPLICE



DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE

**PREFORMED LOOP**

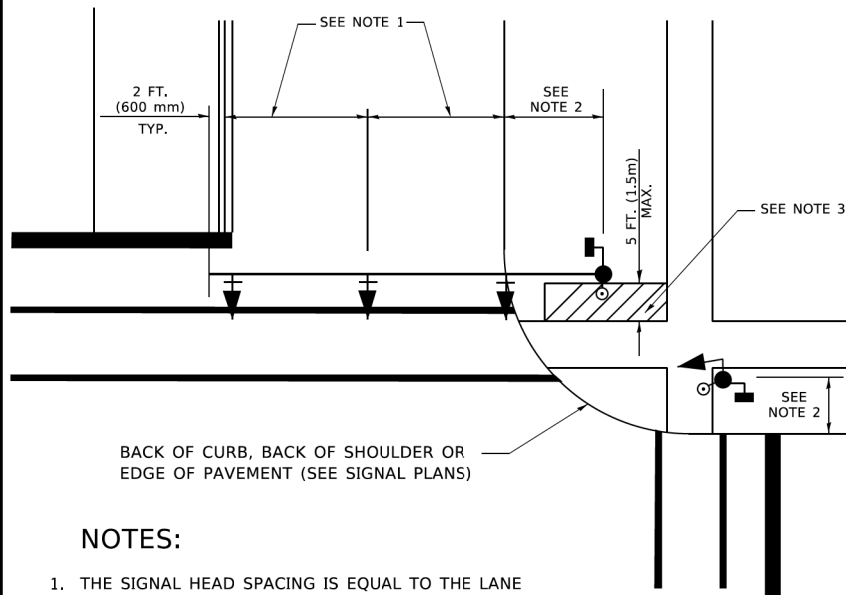
**LOOP DETECTOR SPLICE**

- 1 WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- 2 WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- 3 WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- 4 NO. 14 2/C TWISTED, SHIELDED CABLE.
- 5 LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE. PREFORMED LOOP
- 6 XL POLYOLEFIN 2 CONDUCTOR
- 7 BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

|                             |            |           |   |  |         |             |                |                        |        |                    |              |  |
|-----------------------------|------------|-----------|---|--|---------|-------------|----------------|------------------------|--------|--------------------|--------------|--|
| USER NAME = footemj         | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>DISTRICT ONE<br/>STANDARD TRAFFIC SIGNAL DESIGN DETAILS</b> |         |             | F.A. RTE. 1397 | SECTION 22-00163-00-RS | COUNTY | TOTAL SHEETS 63    | SHEET NO. 34 |  |
| PLOT SCALE = 50,0000' / in. | DRAWN -    | REVISED - |   | SCALE: NONE  | SHEET 2 | OF 7 SHEETS | STA. TO STA.   | <b>TS-05</b>           |        | CONTRACT NO. 61K57 |              |  |
| PLOT DATE = 3/4/2019        | CHECKED -  | REVISED - |   | ILLINOIS FED. AID PROJECT                                      |         |             |                |                        |        |                    |              |  |
|                             | DATE -     | REVISED - |   |  |         |             |                |                        |        |                    |              |  |

**TRAFFIC SIGNAL MAST ARM AND SIGNAL POST**

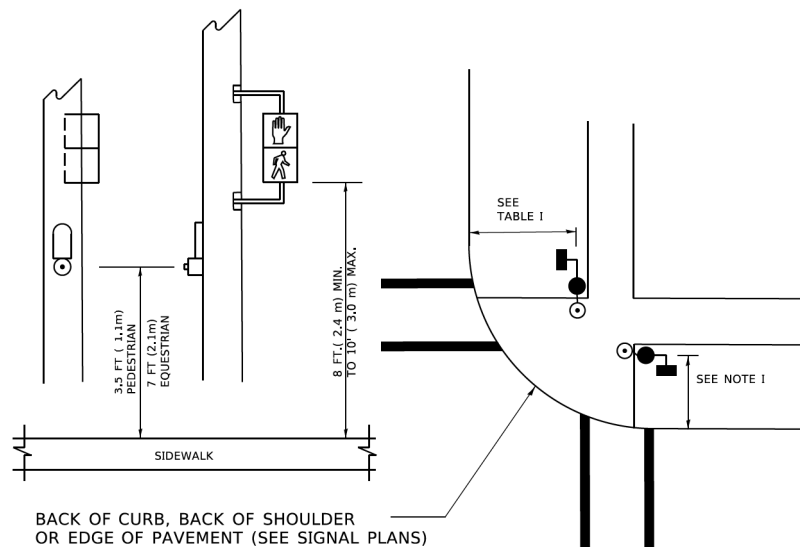
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



**NOTES:**

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

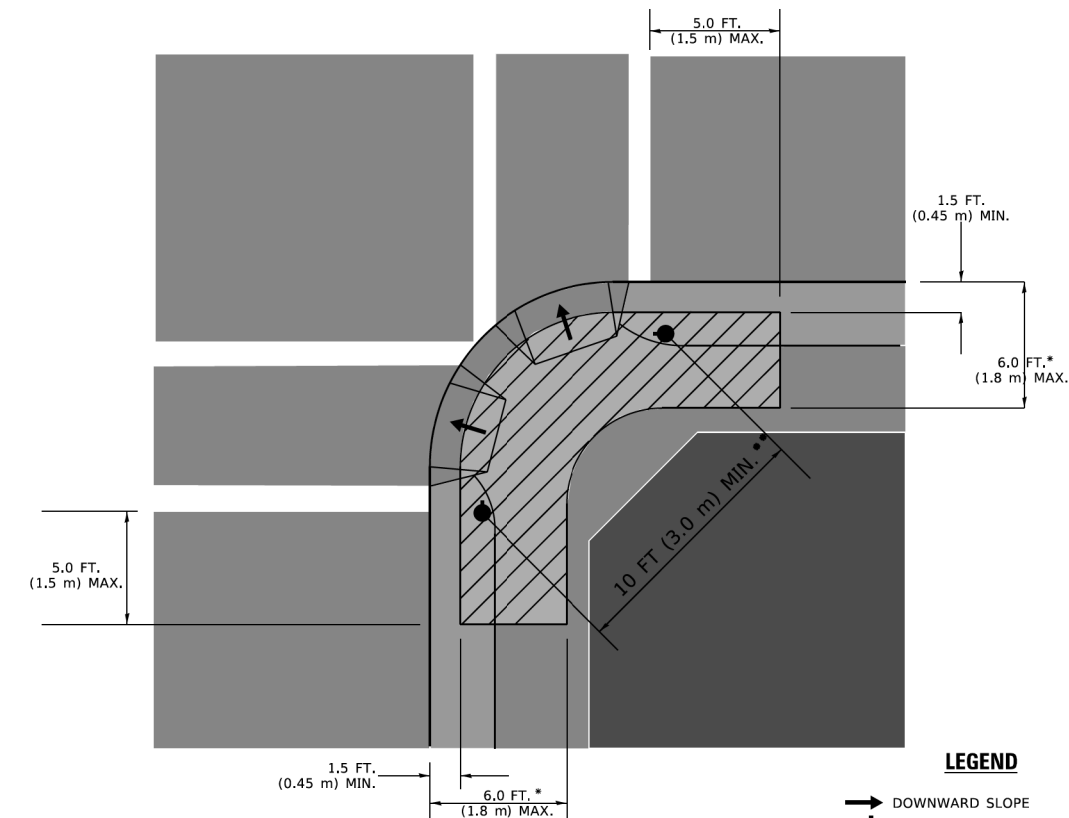
**PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST**



**NOTES:**

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

**RECOMMENDED PUSHBUTTON LOCATIONS**



**LEGEND**

- DOWNWARD SLOPE
- PEDESTRIAN PUSHBUTTON
- ▨ RECOMMENDED PUSHBUTTON LOCATIONS

- \* WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT ( 1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- \*\* WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

**NOTES:**

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

**TRAFFIC SIGNAL EQUIPMENT OFFSET**

| TRAFFIC SIGNAL EQUIPMENT           | COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION) | SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION) |
|------------------------------------|---|---|
| TRAFFIC SIGNAL MAST ARM POLE       | 6 FT (1.8m)   | SHOULDER WIDTH + 2 FT (0.5m), MINIMUM 10 FT (3.0m)  |
| TRAFFIC SIGNAL POST                | 4 FT (1.2m)   | SHOULDER WIDTH + 2 FT (0.5m), MINIMUM 10 FT (3.0m)  |
| PEDESTRIAN SIGNAL POST             | 4 FT (1.2m)   | SHOULDER WIDTH + 2 FT (0.5m), MINIMUM 10 FT (3.0m)  |
| PEDESTRIAN PUSHBUTTON POST         | 4 FT (1.2m)   | SHOULDER WIDTH + 2 FT (0.5m), MINIMUM 10 FT (3.0m)  |
| TEMPORARY WOOD POLE                | 6 FT (1.8m)   | SHOULDER WIDTH + 2 FT (0.5m), MINIMUM 10 FT (3.0m)  |
| CONTROLLER CABINET                 | 6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2   | SHOULDER WIDTH + 6 FT (1.3m), MINIMUM 16 FT (4.9m) SEE NOTE 3.                                |
| SERVICE INSTALLATION, GROUND MOUNT | 6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2   | SHOULDER WIDTH + 6 FT (1.3m), MINIMUM 16 FT (4.9m) SEE NOTE 3.                                |

**NOTES:**

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

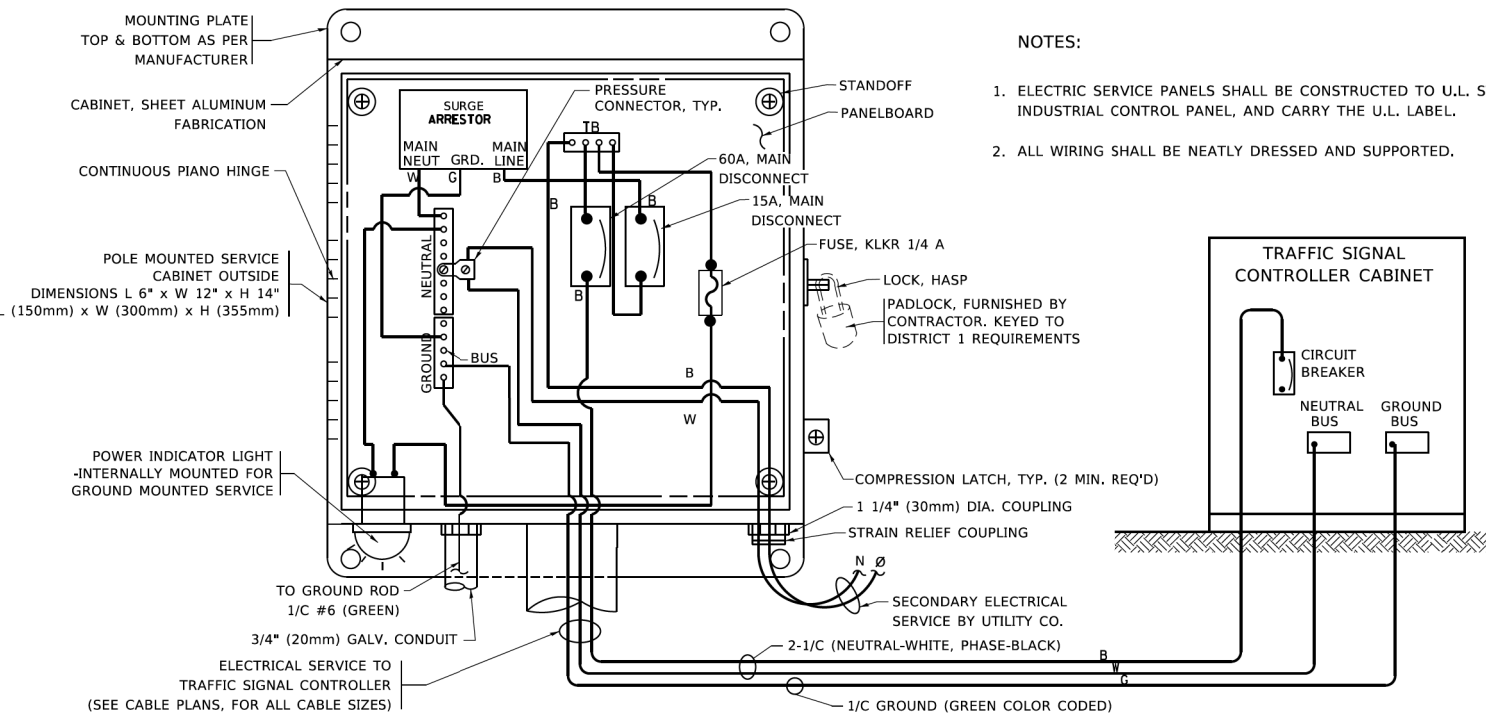
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|------------------------------|------------|-----------|
| USER NAME = footemj          | DESIGNED - | REVISED - |
|                              | DRAWN -    | REVISED - |
| PLOT SCALE = 50,0000 ' / in. | CHECKED -  | REVISED - |
| PLOT DATE = 3/4/2019         | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

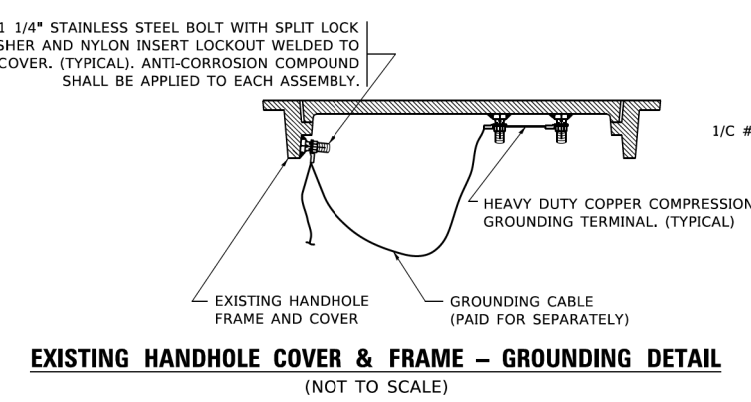
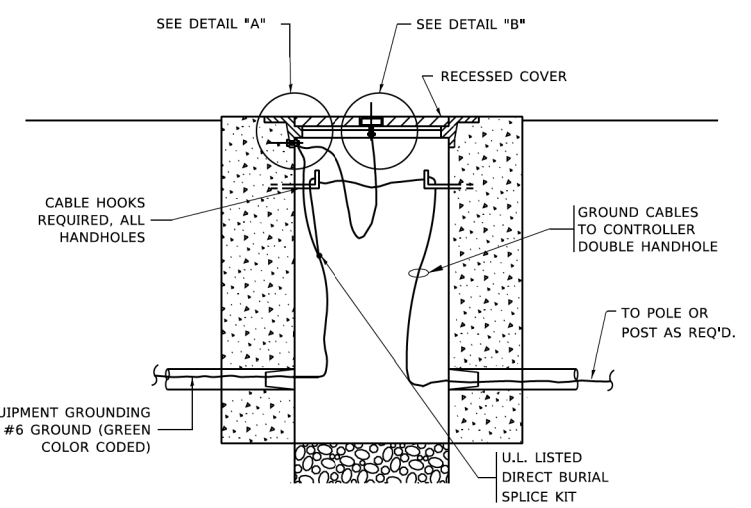
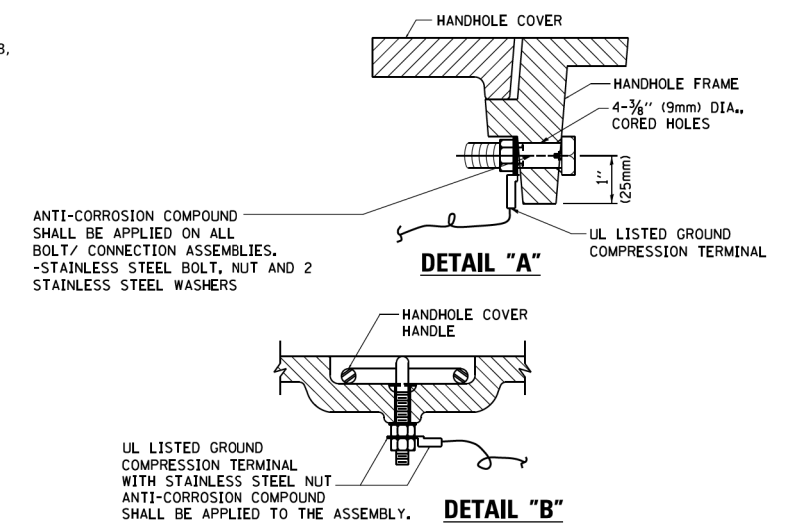
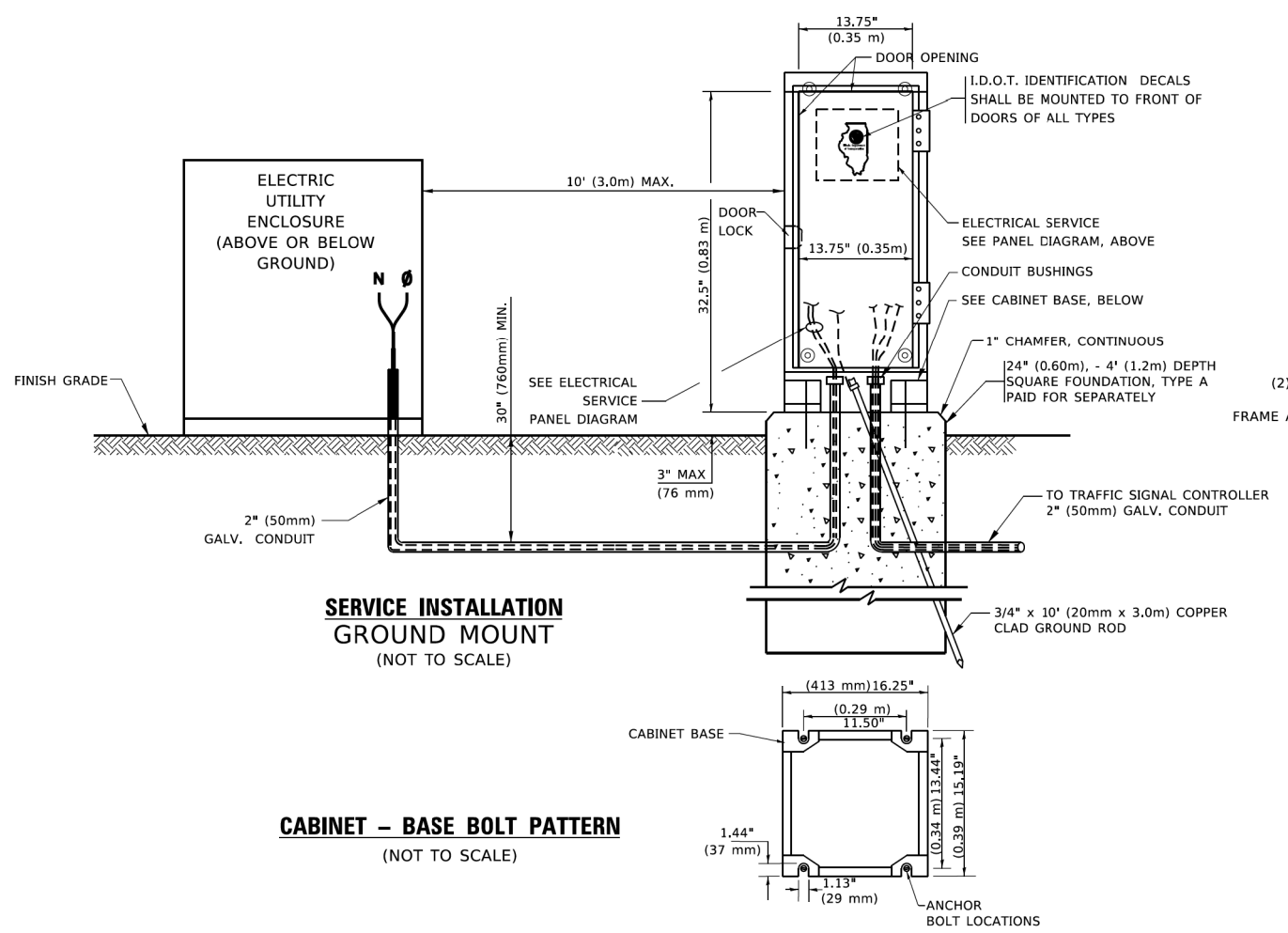
**DISTRICT ONE  
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 3 OF 7 SHEETS STA. TO STA.

|                           |                |        |                    |           |
|---------------------------|----------------|--------|--------------------|-----------|
| F.A. RTE.                 | SECTION        | COUNTY | TOTAL SHEETS       | SHEET NO. |
| 1397                      | 22-00163-00-RS | DUPAGE | 63                 | 35        |
| TS-05                     |                |        | CONTRACT NO. 61K57 |           |
| ILLINOIS FED. AID PROJECT |                |        |                    |           |



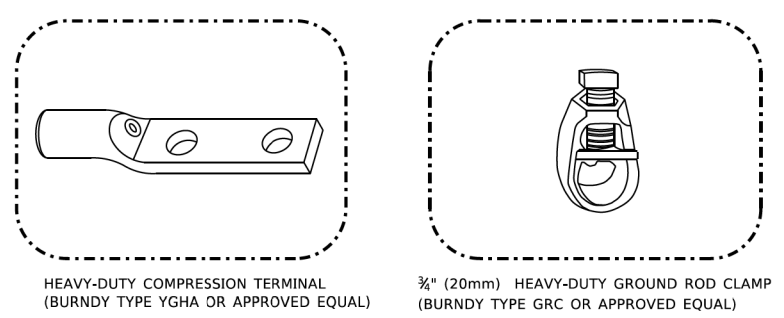
**ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)**  
**SERVICE INSTALLATION POLE MOUNT (SHOWN)**  
 (NOT TO SCALE)



**NOTES:**

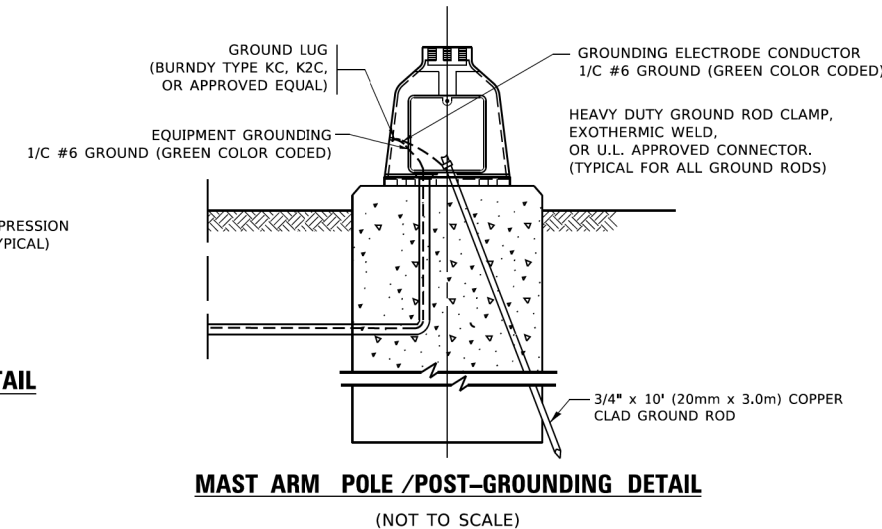
**GROUNDING SYSTEM**

1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



**NOTES:**

- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES
- 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES
- 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES.
- 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



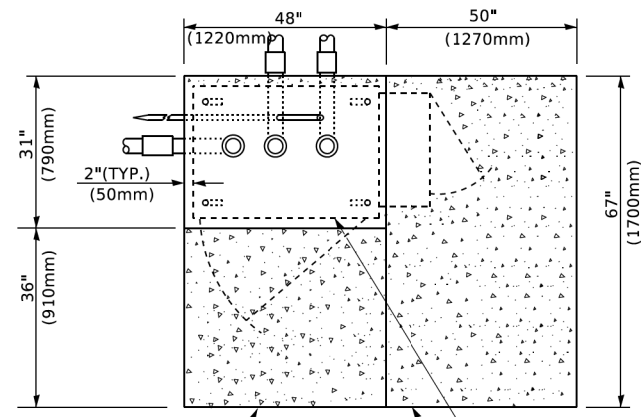
|                              |            |           |
|------------------------------|------------|-----------|
| USER NAME = footemj          | DESIGNED - | REVISED - |
|                              | DRAWN -    | REVISED - |
| PLOT SCALE = 50,0000 ' / in. | CHECKED -  | REVISED - |
| PLOT DATE = 3/4/2019         | DATE -     | REVISED - |

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

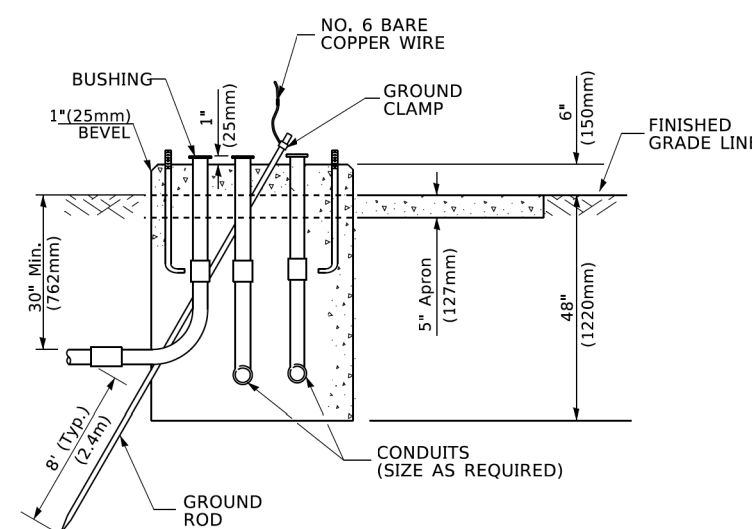
**DISTRICT ONE**  
**STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 4 OF 7 SHEETS STA. TO STA.

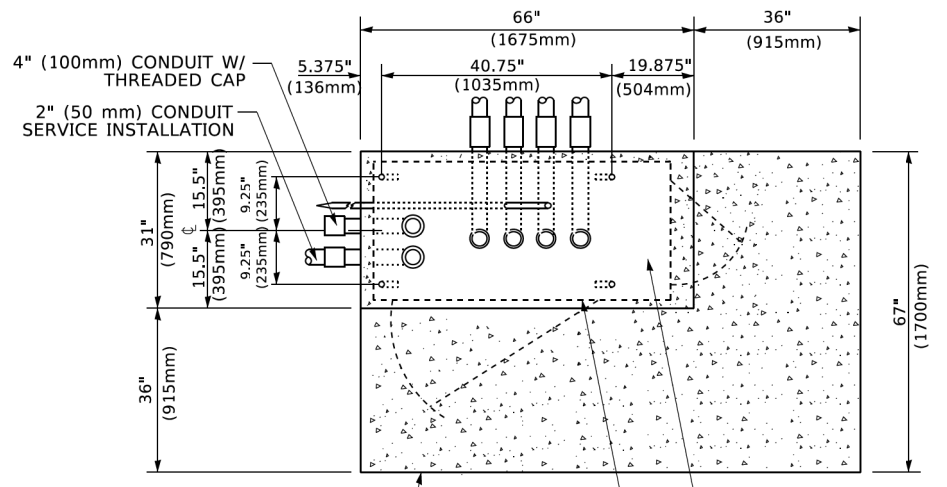
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|---------------------------|------------------------|--------------------|-----------------|--------------|
| F.A. RTE. 1397            | SECTION 22-00163-00-RS | COUNTY DUPAGE      | TOTAL SHEETS 63 | SHEET NO. 36 |
| TS-05                     |                        | CONTRACT NO. 61K57 |                 |              |
| ILLINOIS FED. AID PROJECT |                        |                    |                 |              |



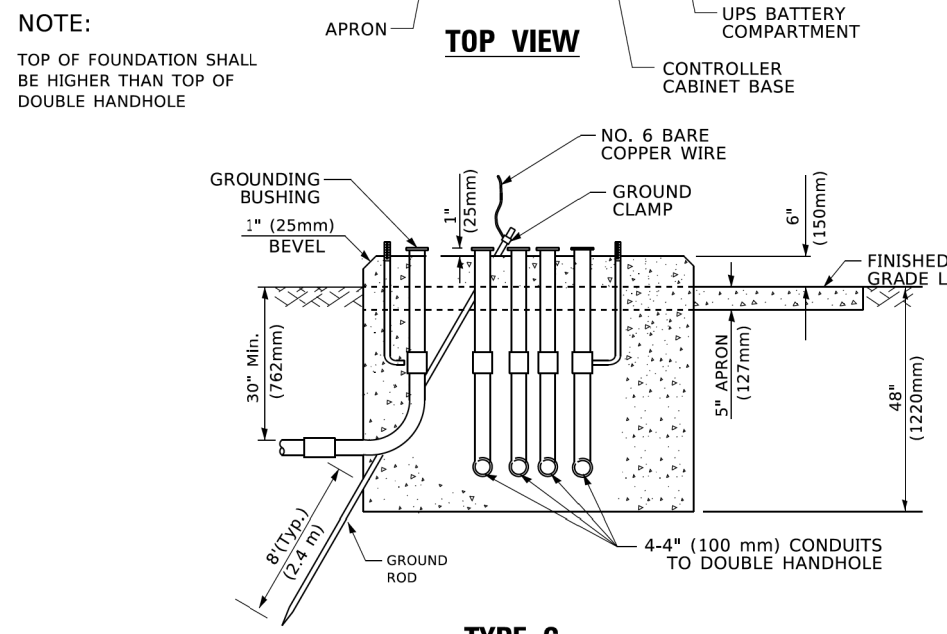
**TOP VIEW**



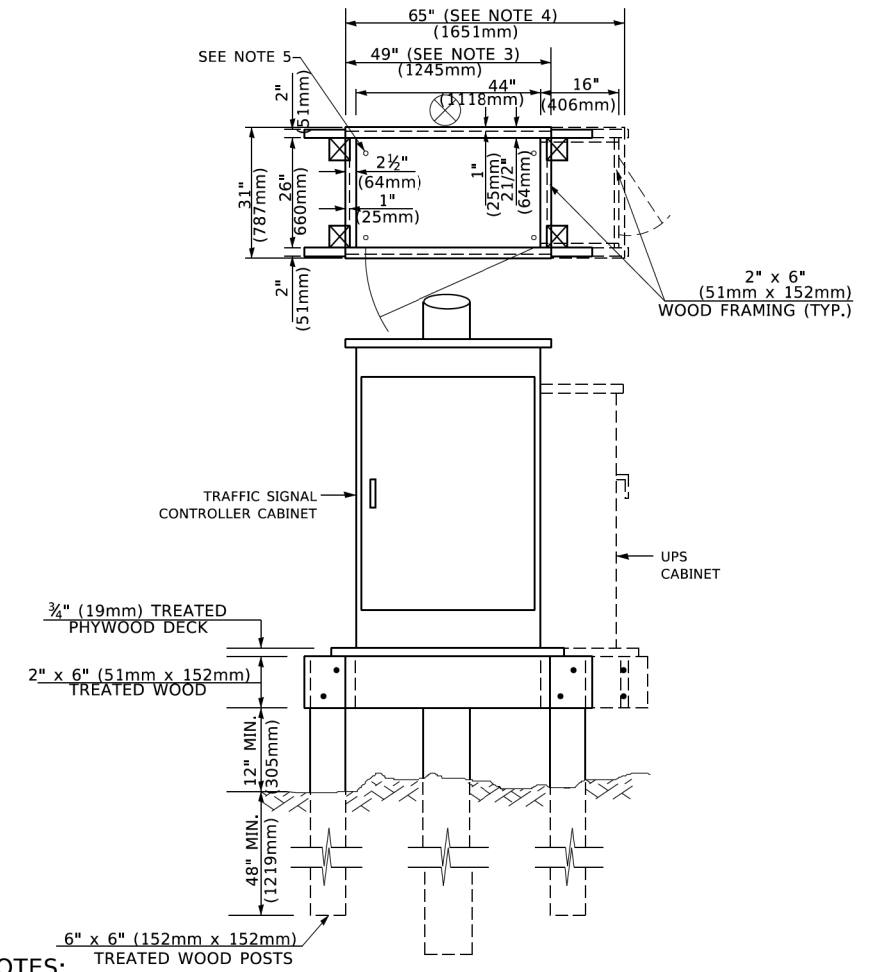
**TYPE D  
FOR GROUND MOUNTED  
CONTROLLER CABINET  
AND UPS BATTERY CABINET**



**TOP VIEW**



**TYPE C  
FOR GROUND MOUNTED  
SUPER P (TYPE IV) AND SUPER R (TYPE V)  
CONTROLLER CABINETS**



- NOTES:**
1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
  2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
  3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
  4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
  5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
  6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION..

**TEMPORARY SIGNAL CONTROLLER  
WOOD SUPPORT PLATFORM**

| CABLE SLACK LENGTH                                | FEET | METER |
|---|------|-------|
| HANDHOLE  | 6.5  | 2.0   |
| DOUBLE HANDHOLE                                   | 13.0 | 4.0   |
| SIGNAL POST                                       | 2.0  | 0.6   |
| MAST ARM  | 2.0  | 0.6   |
| CONTROLLER CABINET                                | 1.5  | 0.5   |
| FIBER OPTIC AT CABINET                            | 13.0 | 4.0   |
| ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION) | 1.5  | 0.5   |
| GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)     | 1.5  | 0.5   |
| GROUND CABLE (BETWEEN FRAME AND COVER)            | 5.0  | 1.6   |

**CABLE SLACK**

| VERTICAL CABLE LENGTH  | FEET   | METER |
|--|--------|-------|
| MAST ARM POLE ( MAST ARM MOUNTED SIGNAL HEAD)<br>(L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM) | 20.0+L | 6.0+L |
| BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)   | 13.0   | 4.0   |
| PEDESTRIAN PUSH BUTTON   | 6.0    | 2.0   |
| SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP  | 13.5   | 4.1   |
| SERVICE INSTALLATION POLE MOUNT TO GROUND  | 13.5   | 4.1   |
| SERVICE INSTALLATION GROUND MOUNT  | 6.0    | 2.0   |
| FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)                                | 3.0    | 1.0   |

**VERTICAL CABLE LENGTH**

| FOUNDATION  | DEPTH        |
|---|--------------|
| TYPE A - Signal Post                                | 4'-0" (1.2m) |
| TYPE C - CONTROLLER W/ UPS                          | 4'-0" (1.2m) |
| TYPE D - CONTROLLER                                 | 4'-0" (1.2m) |
| SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE | 4'-0" (1.2m) |

**DEPTH OF FOUNDATION**

| MAST ARM LENGTH  | ① FOUNDATION DEPTH | FOUNDATION DIAMETER | SPIRAL DIAMETER | QUANTITY OF REBARS | SIZE OF REBARS |
|--|--------------------|---------------------|-----------------|--------------------|----------------|
| Less than 30' (9.1 m)  | 10'-0" (3.0 m)     | 30" (750mm)         | 24" (600mm)     | 8                  | 6(19)          |
| Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)  | 13'-6" (4.1 m)     | 30" (750mm)         | 24" (600mm)     | 8                  | 6(19)          |
| Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m) | 11'-0" (3.4 m)     | 36" (900mm)         | 30" (750mm)     | 12                 | 7(22)          |
| Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)     | 13'-0" (4.0 m)     | 36" (900mm)         | 30" (750mm)     | 12                 | 7(22)          |
| Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m) | 15'-0" (4.6 m)     | 42" (1060mm)        | 36" (900mm)     | 16                 | 8(25)          |
| Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)     | 21'-0" (6.4 m)     | 42" (1060mm)        | 36" (900mm)     | 16                 | 8(25)          |

- NOTES:**
1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
  2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
  3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
  4. For mast arm assemblies with dual arms refer to state standard 878001..

**DEPTH OF MAST ARM FOUNDATIONS, TYPE E**

|                              |            |           |
|------------------------------|------------|-----------|
| USER NAME = footemj          | DESIGNED - | REVISED - |
|                              | DRAWN -    | REVISED - |
| PLOT SCALE = 50.0000" / 1in. | CHECKED -  | REVISED - |
| PLOT DATE = 3/4/2019         | DATE -     | REVISED - |

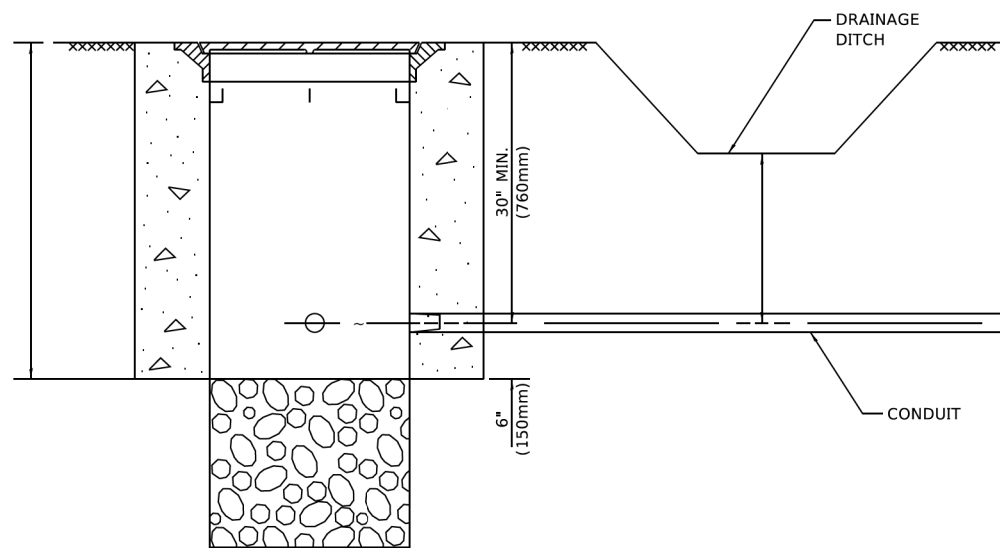
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE  
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 5 OF 7 SHEETS STA. TO STA.

|                           |                        |                    |                 |              |
|---------------------------|------------------------|--------------------|-----------------|--------------|
| F.A. RTE. 1397            | SECTION 22-00163-00-RS | COUNTY DUPAGE      | TOTAL SHEETS 63 | SHEET NO. 37 |
| TS-05                     |                        | CONTRACT NO. 61K57 |                 |              |
| ILLINOIS FED. AID PROJECT |                        |                    |                 |              |

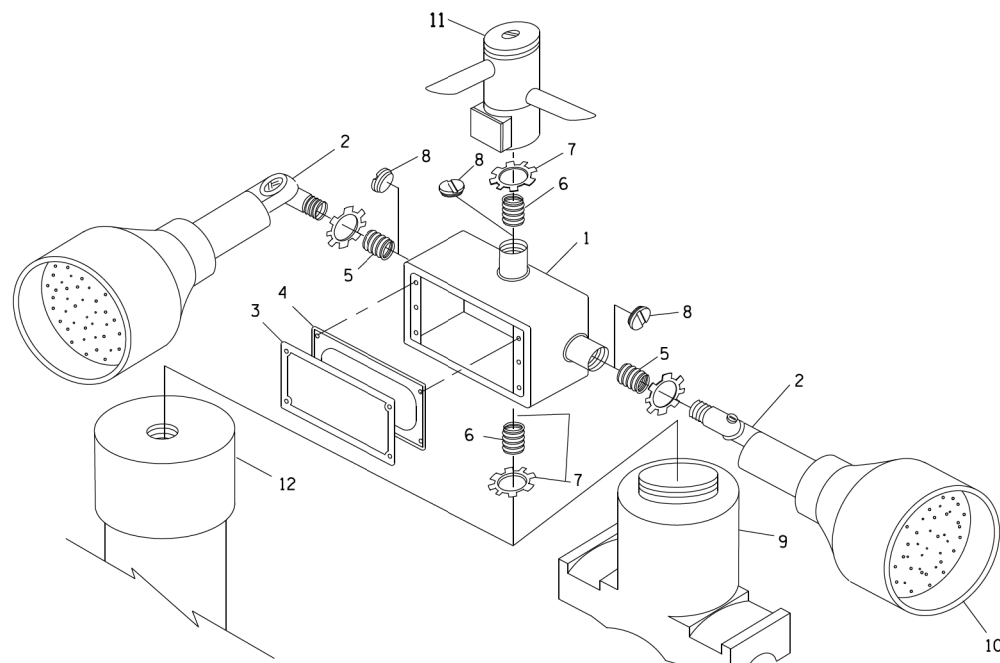




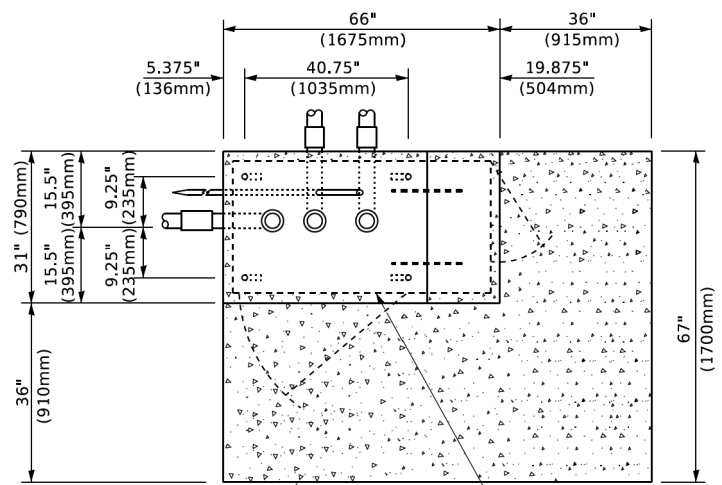
**NOTES:**

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

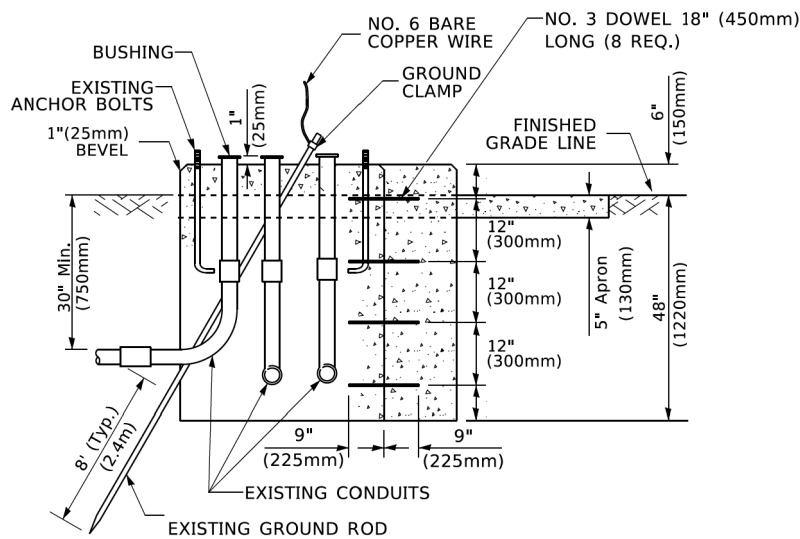
**HANDHOLE WITH MINIMUM CONDUIT DEPTH**  
(NOT TO SCALE)



**POST CAP MOUNT**      **MAST ARM MOUNT**  
**EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION**  
**BEACON MOUNTING DETAIL**



**TOP VIEW**  
(NOT TO SCALE)



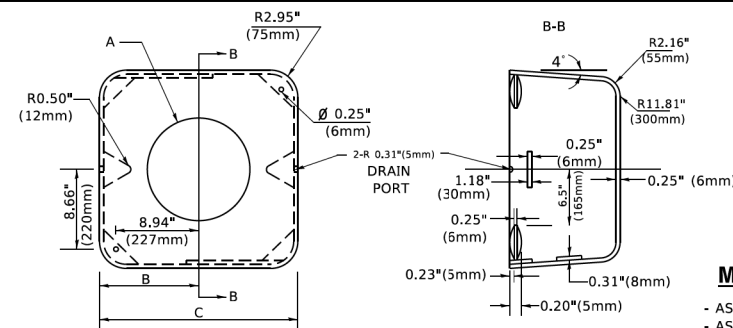
**MODIFY EXISTING TYPE "D" FOUNDATION**  
**TO TYPE "C" FOUNDATION**

(NOT TO SCALE)

| ITEM NO. | IDENTIFICATION                              |
|----------|---|
| 1        | OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M) |
| 2        | LAMP HOLDER AND COVER                       |
| 3        | OUTLET BOX COVER                            |
| 4        | RUBBER COVER GASKET                         |
| 5        | REDUCING BUSHING                            |
| 6        | 3/4" (19 mm) CLOSE NIPPLE                   |
| 7        | 3/4" (19 mm) LOCKNUT                        |
| 8        | 3/4" (19 mm) HOLE PLUG                      |
| 9        | SADDLE BRACKET - GALV.                      |
| 10       | 6 WATT PAR 38 LED FLOOD LAMP                |
| 11       | DETECTOR UNIT                               |
| 12       | POST CAP [18 FT. (5.4 m) POST MIN.]         |

**NOTES:**

1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT  
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT  
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4" (19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



**MATERIAL**

- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

| A         | B             | C            | HEIGHT                   | WEIGHT          |
|-----------|---------------|--------------|--------------------------|-----------------|
| VARIABLES | 9.5"(241mm)   | 19"(483mm)   | 7" (178mm) - 12" (300mm) | 53 lbs (24kg)   |
| VARIABLES | 10.75"(273mm) | 21.5"(546mm) | 7" (178mm) - 12" (300mm) | 68 lbs (31 kg)  |
| VARIABLES | 13.0"(330mm)  | 26"(660mm)   | 7" (178mm) - 12" (300mm) | 81 lbs (37 kg)  |
| VARIABLES | 18.5"(470mm)  | 37"(940mm)   | 7" (178mm) - 12" (300mm) | 126 lbs (57 kg) |

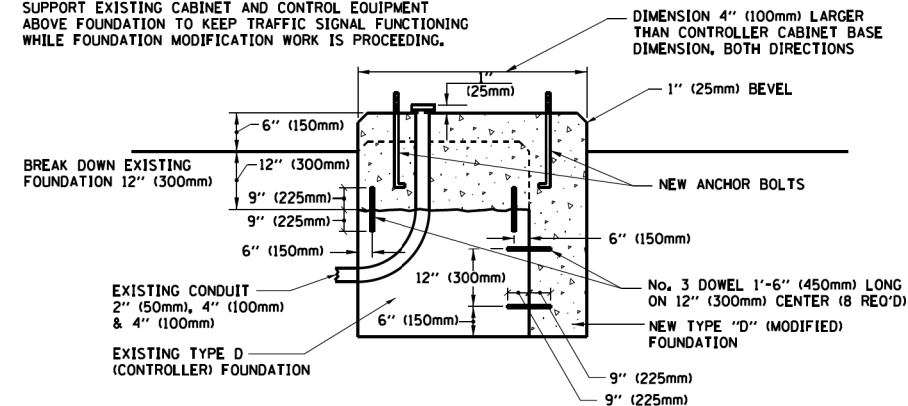
**SHROUD**

**NOTES:**

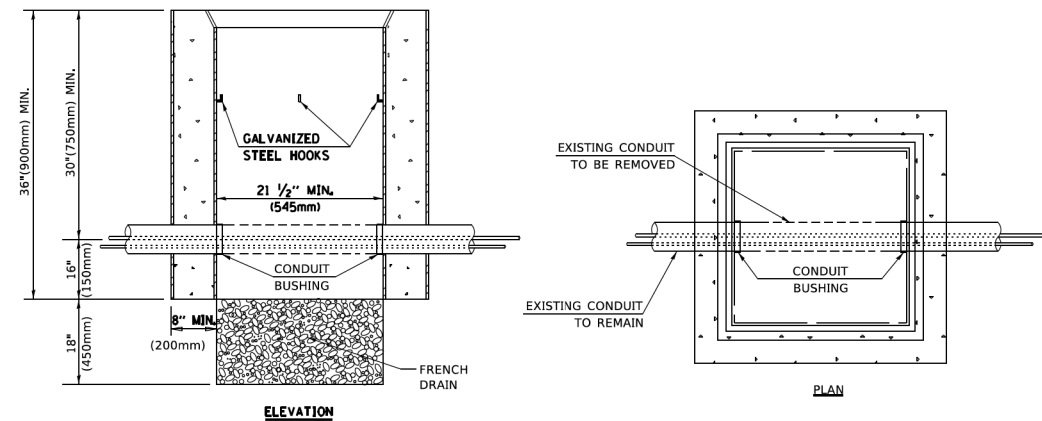
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

**NOTE:**

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



**MODIFY EXISTING TYPE "D" FOUNDATION**



**NOTES:**

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

**HANDHOLE TO INTERCEPT EXISTING CONDUIT**

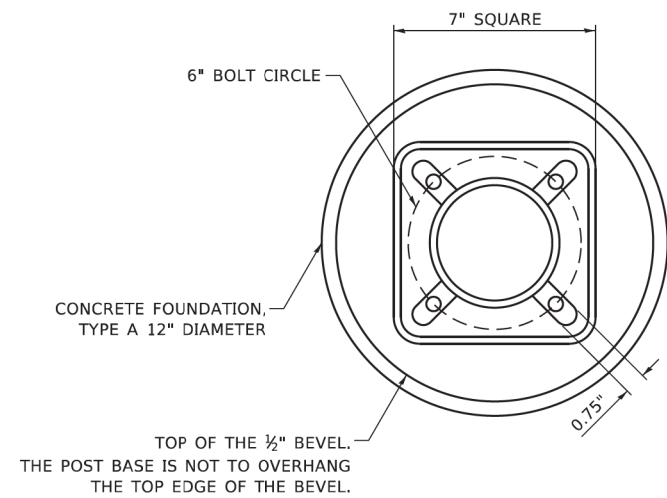
|                             |            |           |
|-----------------------------|------------|-----------|
| USER NAME = footem          | DESIGNED - | REVISED - |
|                             | DRAWN -    | REVISED - |
| PLOT SCALE = 50,0000' / in. | CHECKED -  | REVISED - |
| PLOT DATE = 3/4/2019        | DATE -     | REVISED - |

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE**  
**STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE    SHEET 6 OF 7 SHEETS    STA. TO STA.

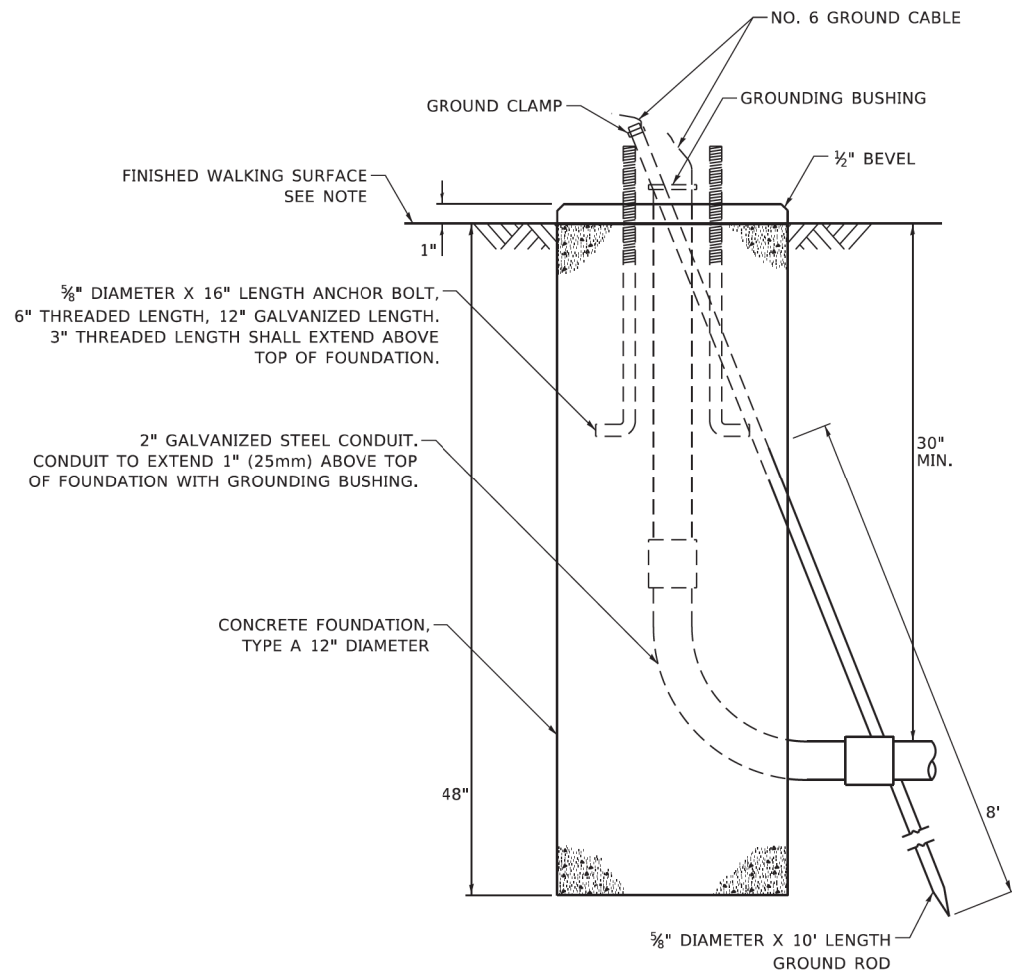
|                             |                        |                    |                 |              |
|-----------------------------|------------------------|--------------------|-----------------|--------------|
| F.A. RTE. 1397              | SECTION 22-00163-00-RS | COUNTY DUPAGE      | TOTAL SHEETS 63 | SHEET NO. 38 |
| TS-05                       |                        | CONTRACT NO. 61K57 |                 |              |
| ILLINOIS / FED. AID PROJECT |                        |                    |                 |              |



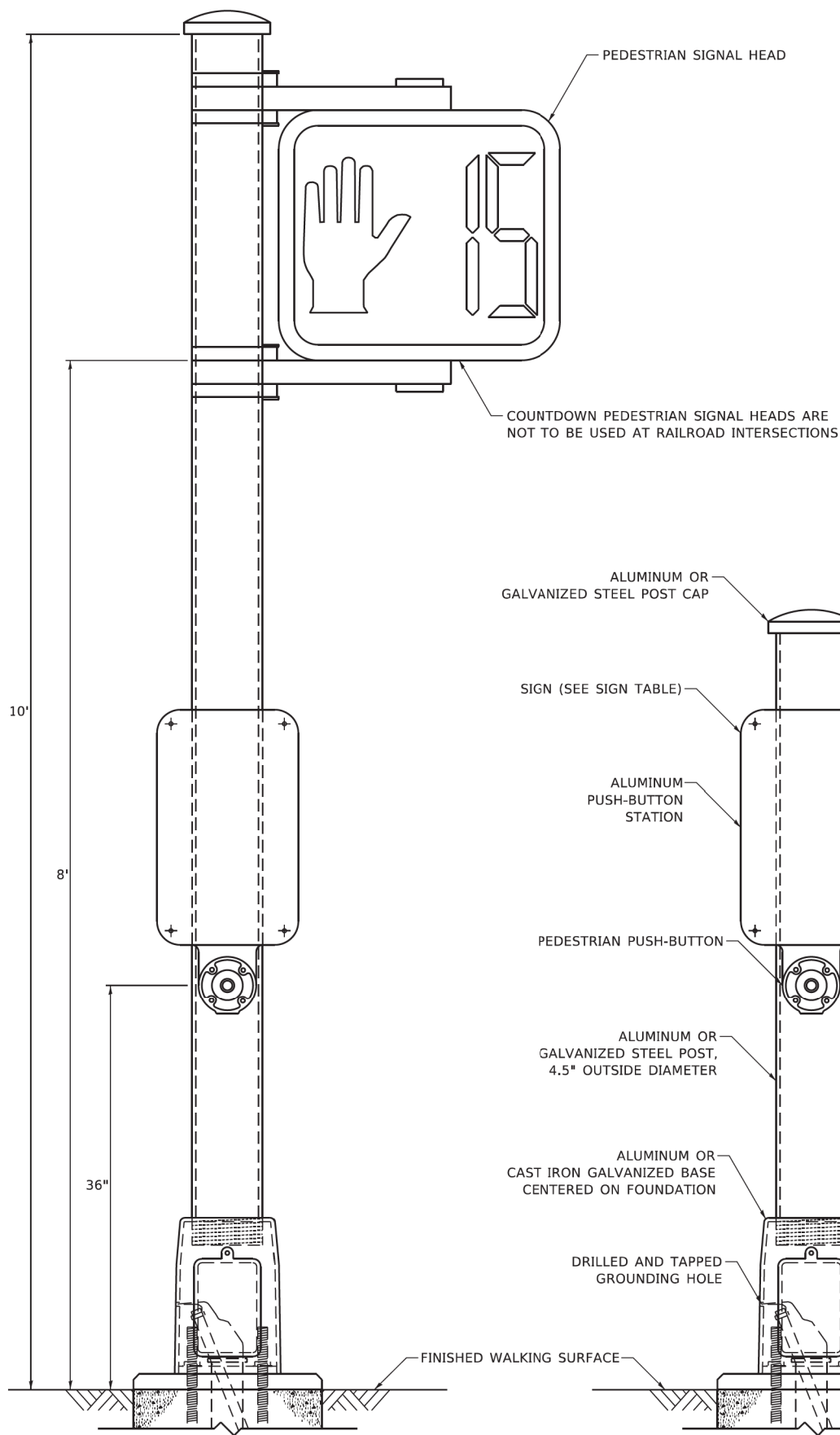
**BOLT PATTERN**

**NOTE:**

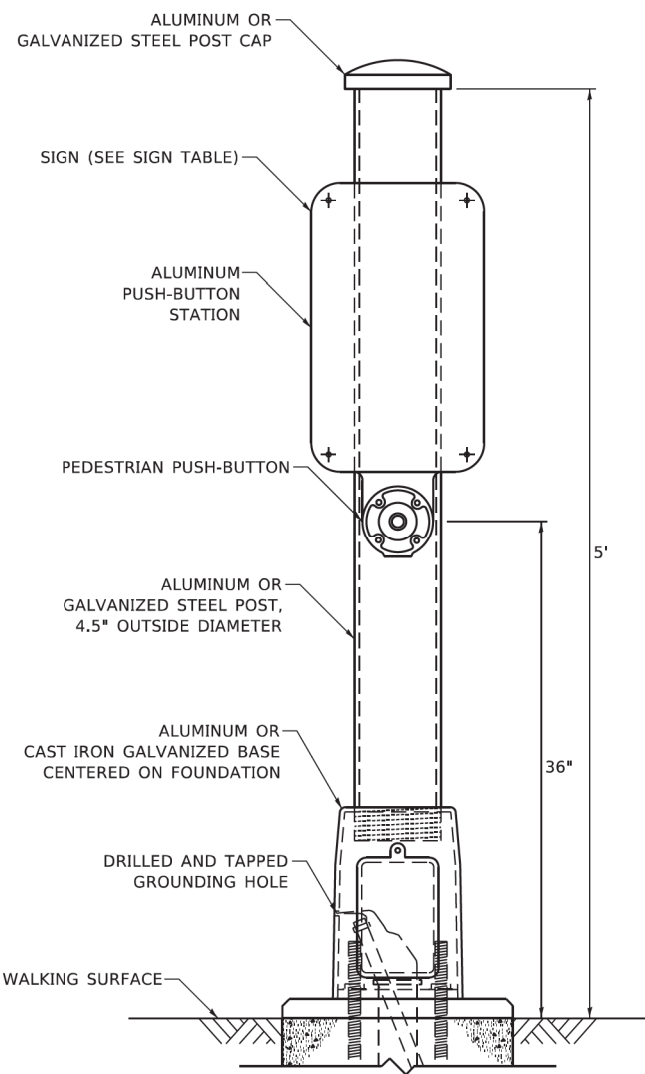
1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



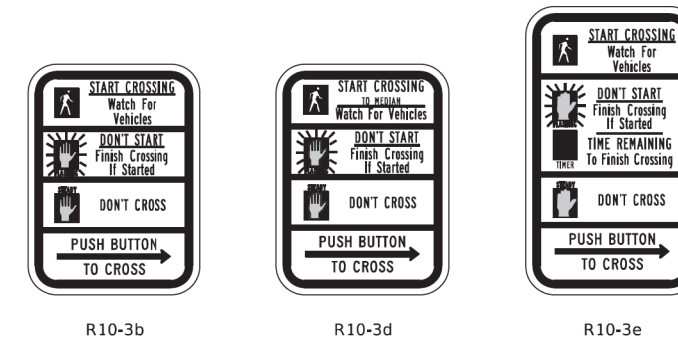
**CONCRETE FOUNDATION,  
TYPE A 12-INCH DIAMETER**



**PEDESTRIAN SIGNAL POST, 10 FT.**



**PEDESTRIAN SIGNAL POST, 5 FT.**



**SIGN TABLE**

| SIGN                   | DIMENSIONS |
|------------------------|------------|
| R10-3b (RAILROAD ONLY) | 9" X 12"   |
| R10-3d (RAILROAD ONLY) | 9" X 12"   |
| R10-3e                 | 9" X 15"   |

**NOTES:**

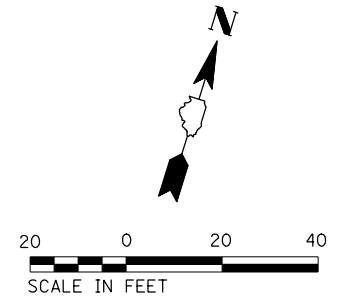
1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
2. THE ARROW ON SIGNS FOR PUSH-BUTTONS SERVING TWO DIRECTIONS ON THE SAME PHASE SHALL BE BI-DIRECTIONAL.
3. THE SIGN FOR DUAL-CALL PUSH-BUTTONS SHALL HAVE NO ARROW.

|                              |                   |                      |   |  |                           |                         |               |                 |              |                    |
|------------------------------|-------------------|----------------------|---|--|---------------------------|-------------------------|---------------|-----------------|--------------|--------------------|
| USER NAME = plascencia       | DESIGNED - IP     | REVISED - 10/15/2020 | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>DISTRICT ONE<br/>STANDARD TRAFFIC SIGNAL DESIGN DETAILS</b> | F.A. RTE. 1397            | SECTION 22-00163-00-RS  | COUNTY DUPAGE | TOTAL SHEETS 63 | SHEET NO. 39 |                    |
| PLOT SCALE = 100,0000' / in. | CHECKED - LP      | REVISED -            |   |  | SCALE: NTS                | SHEET NO. 7 OF 7 SHEETS | STA. TO STA.  | <b>TS-05</b>    |              | CONTRACT NO. 61K57 |
| PLOT DATE = 11/17/2020       | DATE - 10/15/2018 | REVISED -            |   |  | ILLINOIS FED. AID PROJECT |                         |               |                 |              |                    |
|                              |                   |                      |   |  |                           |                         |               |                 |              |                    |

**REMOVAL NOTES:**

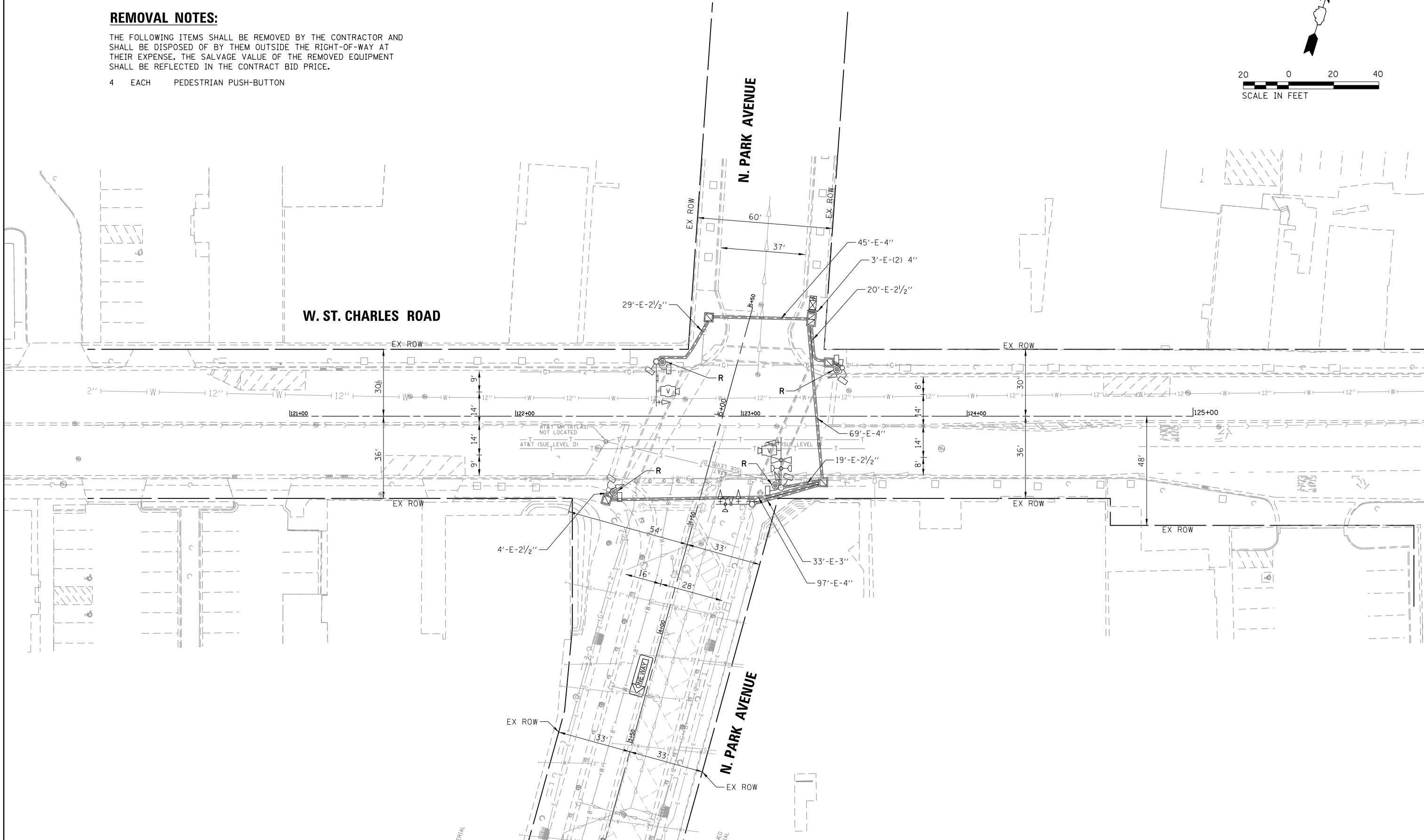
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 4 EACH PEDESTRIAN PUSH-BUTTON



|      |                    |      |
|------|--------------------|------|
| PLAN | SURVEYED           | DATE |
|      | PLOTTED            |      |
|      | NOTE BOOK          |      |
|      | NO. OF WAY CHECKED |      |
|      | CADD FILE NAME     |      |

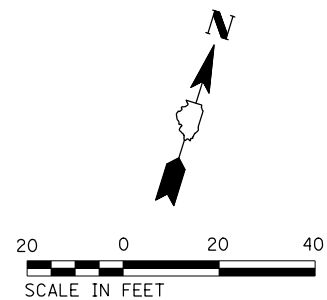
|         |                          |      |
|---------|--------------------------|------|
| PROFILE | SURVEYED                 | DATE |
|         | PLOTTED                  |      |
|         | NOTE BOOK                |      |
|         | NO. OF WAY CHECKED       |      |
|         | STRUCTURE NOTATIONS CHKD |      |



|   |                       |               |           |   |   |                 |                 |        |              |           |    |
|---|-----------------------|---------------|-----------|---|---|-----------------|-----------------|--------|--------------|-----------|----|
| FILE NAME =<br>N:\Lombard\230267\Traffic\TS-01.230267 | USER NAME = fbariso   | DESIGNED - BC | REVISER - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVAL PLAN<br/>W. ST. CHARLES ROAD AT N. PARK AVENUE</b> | FAU RTE.        | SECTION         | COUNTY | TOTAL SHEETS | SHEET NO. |    |
| Default   | REM.dgn               | DRAWN - FPB   | REVISER - |   |   | 1397            | 22-000163-00-RS | DUPAGE | 63           | 40        |    |
|   | PLOT SCALE = 48"      | CHECKED - GMZ | REVISER - |   |   | CONTRACT 61K57  |                 |        |              |           |    |
|   | PLOT DATE = 5/14/2024 | DATE -        | REVISER - |   |   | SCALE: 1" = 40' | SHEET           | OF     | SHEETS       | STA.      | TO |
| ILLINOIS FED. AID PROJECT                             |                       |               |           |   |   |                 |                 |        |              |           |    |

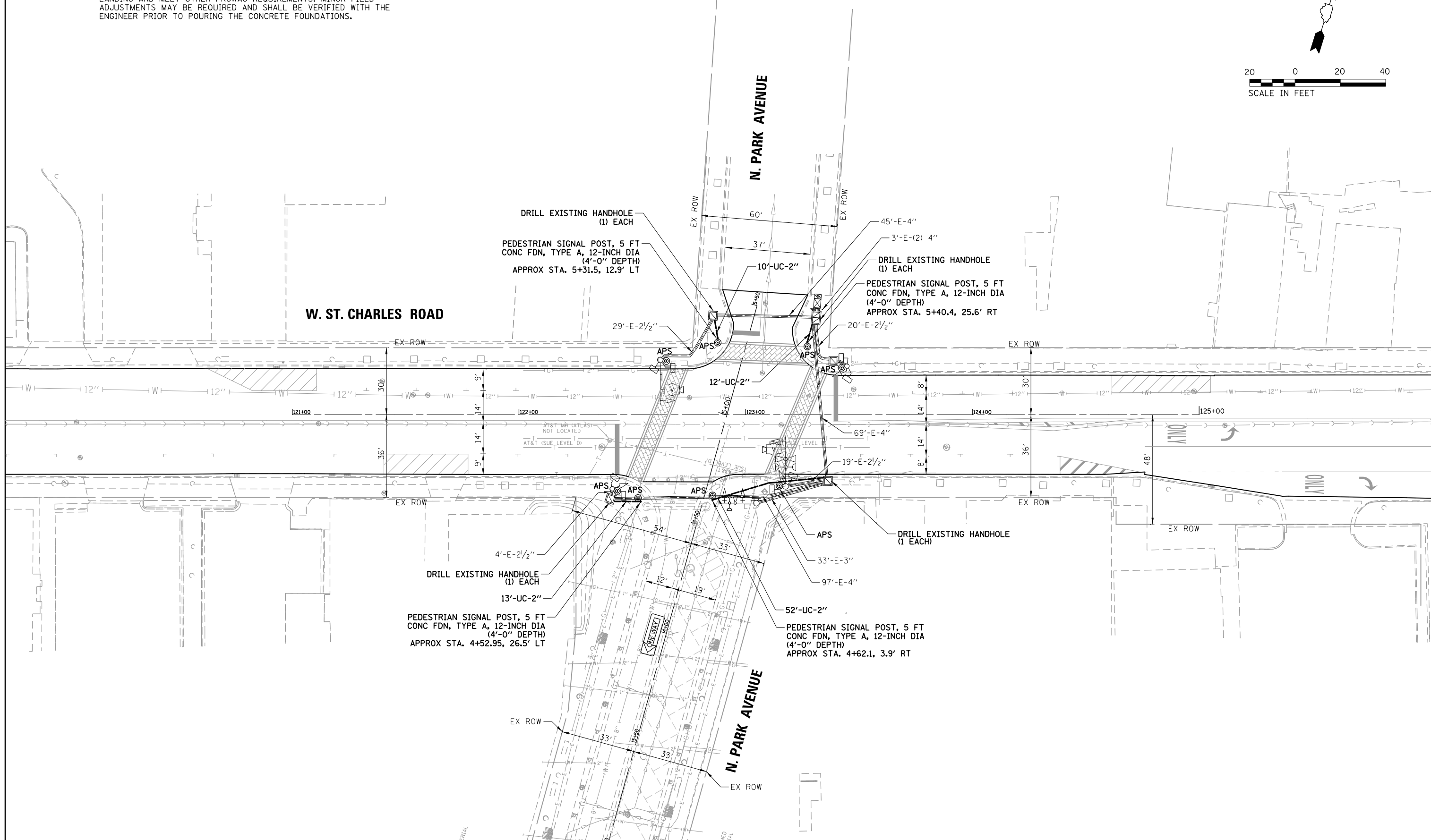
**CONSTRUCTION NOTES:**

- ① THE CONTRACTOR SHALL ENSURE THAT THE NEW 5 FT PEDESTRIAN POSTS AND NEW APS SIGNALS ARE INSTALLED ADJACENT TO A LEVEL LANDING AND MEET OTHER PROWAG REQUIREMENTS. MINOR FIELD ADJUSTMENTS MAY BE REQUIRED AND SHALL BE VERIFIED WITH THE ENGINEER PRIOR TO POURING THE CONCRETE FOUNDATIONS.



|      |                    |      |
|------|--------------------|------|
| PLAN | SURVEYED           | DATE |
|      | PLOTTED            |      |
|      | NOTE BOOK          |      |
|      | NO. OF WAY CHECKED |      |
|      | CADD FILE NAME     |      |

|         |                          |      |
|---------|--------------------------|------|
| PROFILE | SURVEYED                 | DATE |
|         | PLOTTED                  |      |
|         | NOTE BOOK                |      |
|         | NO. OF WAY CHECKED       |      |
|         | STRUCTURE NOTATIONS CHKD |      |



|  |                       |               |           |
|--|-----------------------|---------------|-----------|
| FILE NAME =                            | USER NAME = fbariso   | DESIGNED - BC | REVISED - |
| N:\Lombard\230267\Traffic\TS-02.230267 | MOD.dgn               | DRAWN - FPB   | REVISED - |
| Default                                | PLOT SCALE = 48"      | CHECKED - GMZ | REVISED - |
|  | PLOT DATE = 5/14/2024 | DATE -        | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODIFICATION PLAN  
W. ST. CHARLES ROAD AT N. PARK AVENUE**

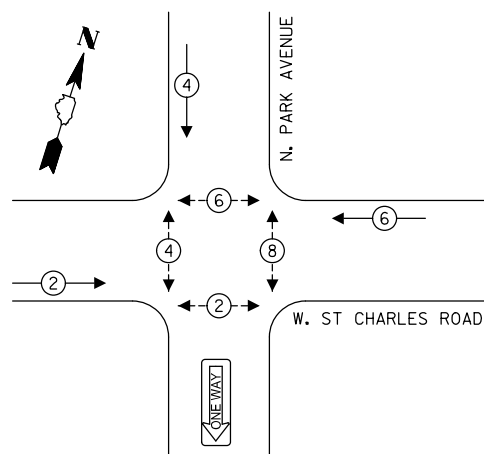
SCALE: 1" = 40'    SHEET    OF    SHEETS    STA.    TO    STA.

|                           |                 |        |              |           |
|---------------------------|-----------------|--------|--------------|-----------|
| FAU RTE.                  | SECTION         | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1397                      | 22-000163-00-RS | DUPAGE | 63           | 41        |
| CONTRACT 61K57            |                 |        |              |           |
| ILLINOIS FED. AID PROJECT |                 |        |              |           |

|           |                             |      |
|-----------|-----------------------------|------|
| PLAN      | SURVEYED                    | DATE |
| NOTE BOOK | PLOTTED                     | BY   |
| NO.       | GRADES CHECKED              |      |
|           | STRUCTURE NOTATIONS CHECKED |      |
|           | FILE NAME                   |      |

|           |                             |      |
|-----------|-----------------------------|------|
| PROFILE   | SURVEYED                    | DATE |
| NOTE BOOK | PLOTTED                     | BY   |
| NO.       | GRADES CHECKED              |      |
|           | STRUCTURE NOTATIONS CHECKED |      |
|           | FILE NAME                   |      |

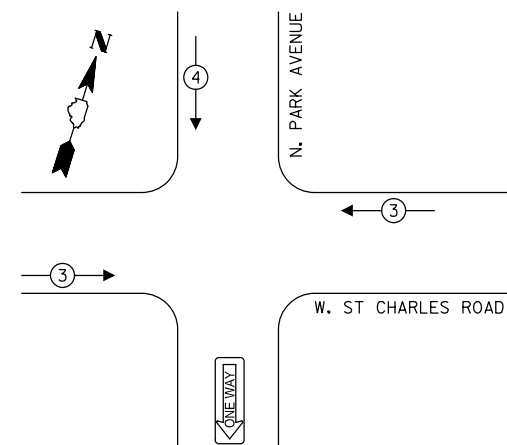
### EXISTING AND PROPOSED CONTROLLER SEQUENCE



#### LEGEND:

- ← ⊙ → PROTECTED PHASE
- ← ⊙ - - - ⊙ → PROTECTED/PERMITTED PHASE
- ← ⊙ → PEDESTRIAN PHASE
- ← ⊙ OL → OVERLAP

### EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



#### CONSTRUCTION NOTES:

- ① THE CONTRACTOR SHALL ENSURE THAT THE NEW 5 FT PEDESTRIAN POSTS AND NEW APS SIGNALS ARE INSTALLED ADJACENT TO A LEVEL LANDING AND MEET OTHER PROWAG REQUIREMENTS. MINOR FIELD ADJUSTMENTS MAY BE REQUIRED AND SHALL BE VERIFIED WITH THE ENGINEER PRIOR TO POURING THE CONCRETE FOUNDATIONS.

### TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

| TYPE             | NO. OF LAMPS | LED WATTAGE | % OPERATION | TOTAL WATTAGE |
|------------------|--------------|-------------|-------------|---------------|
| SIGNAL (RED)     | 7            | 11          | 50          | 38.5          |
| (YELLOW)         | 7            | 20          | 5           | 7.0           |
| (GREEN)          | 7            | 12          | 45          | 37.8          |
| PERMISSIVE ARROW | -            | 10          | 10          | -             |
| PED. SIGNAL      | 8            | 20          | 100         | 160.0         |
| CONTROLLER       | 1            | 100         | 100         | 100.0         |
| UPS              | 1            | 25          | 100         | 25.0          |
| VIDEO SYSTEM     | -            | 150         | 100         | -             |
| BLANK-OUT SIGN   | -            | 25          | 5           | -             |
| FLASHER          | -            | -           | 50          | -             |
| STREET NAME SIGN | -            | 120         | 50          | -             |
| LUMINAIRE        | -            | -           | -           | -             |
| TOTAL =          |              |             |             | 368.3         |

ENERGY COSTS TO:  
 VILLAGE OF LOMBARD  
 255 E. WILSON AVENUE  
 LOMBARD, ILLINOIS 60148

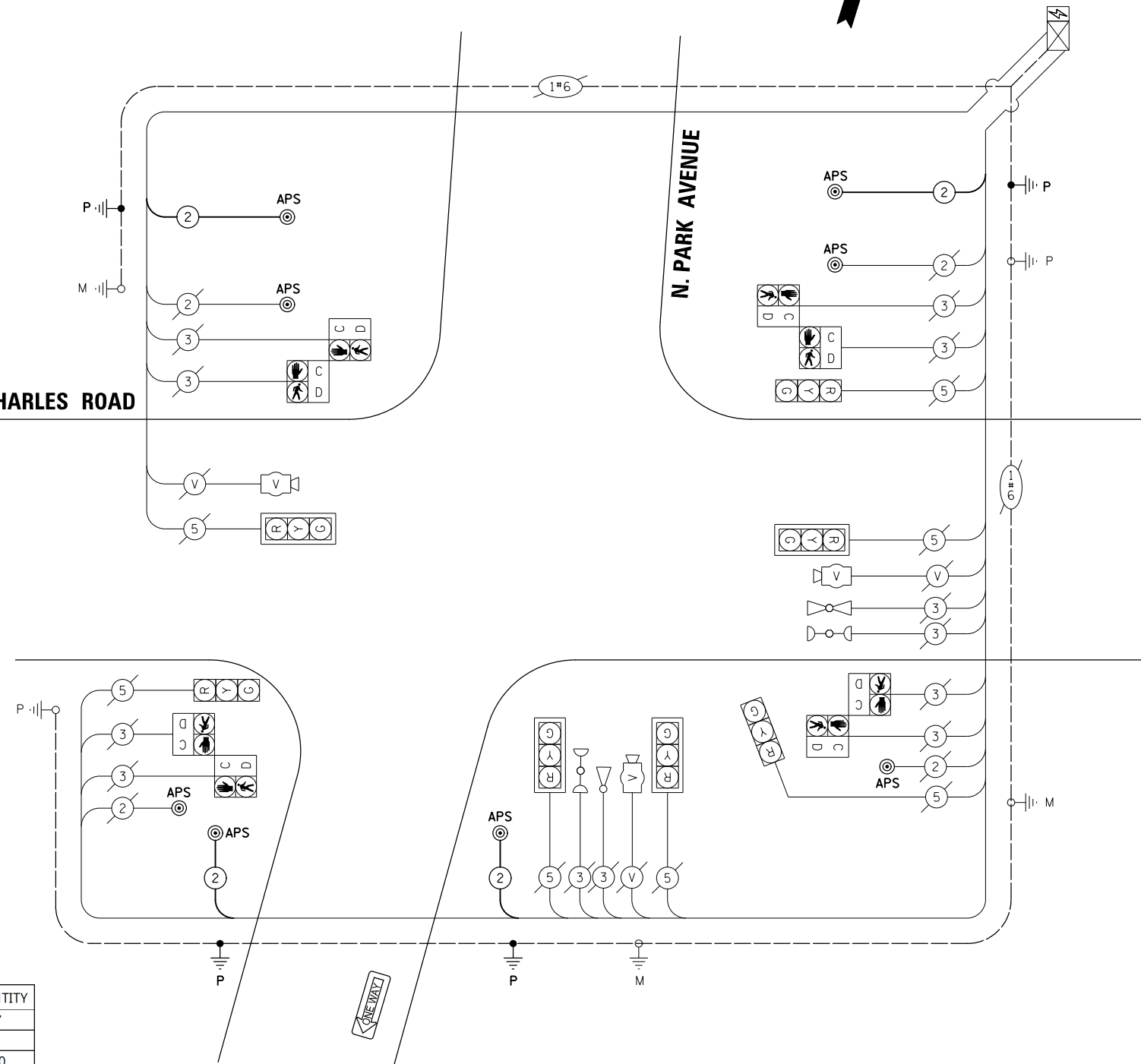
ENERGY SUPPLY: CONTACT: NEW BUSINESS  
 PHONE: NEW PHONE  
 COMPANY: COMMONWEALTH EDISON  
 ACCOUNT NUMBER: ---

### SCHEDULE OF QUANTITIES

| ITEM   | UNIT  | QUANTITY |
|--|-------|----------|
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.                     | FOOT  | 87       |
| MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION                | EACH  | 1        |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C                        | FOOT  | 520      |
| ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT  | 171      |
| DRILL EXISTING HANDHOLE  | EACH  | 4        |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT                           | EACH  | 1        |
| REMOVE AND REINSTALL BRICK PAVER                                   | SQ FT | 240      |
| PEDESTRIAN SIGNAL POST, 5 FT.                                      | EACH  | 4        |
| PAINT NEW PEDESTRIAN PUSH-BUTTON POST                              | EACH  | 4        |
| ACCESSIBLE PEDESTRIAN SIGNALS                                      | EACH  | 8        |
| CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER                       | FOOT  | 16       |

W. ST CHARLES ROAD

N. PARK AVENUE



**CABLE PLAN**  
(NOT TO SCALE)

|  |                       |               |           |
|--|-----------------------|---------------|-----------|
| FILE NAME =                            | USER NAME = bchovez   | DESIGNED - BC | REVISED - |
| N:\Lombard\230267\Traffic\TS-03.230267 | CAB.dgn               | DRAWN - FFB   | REVISED - |
| Default                                | PLOT SCALE = 48"      | CHECKED - GMZ | REVISED - |
|  | PLOT DATE = 5/20/2024 | DATE -        | REVISED - |

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM,  
 AND EMERGENCY VEHICLE PREEMPTION SEQUENCE  
 W. ST. CHARLES ROAD AT N. PARK AVENUE

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

| FAU RTE.                  | SECTION         | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------------|--------|--------------|-----------|
| 1397                      | 22-000163-00-RS | DUPAGE | 63           | 42        |
| CONTRACT 61K57            |                 |        |              |           |
| ILLINOIS FED. AID PROJECT |                 |        |              |           |

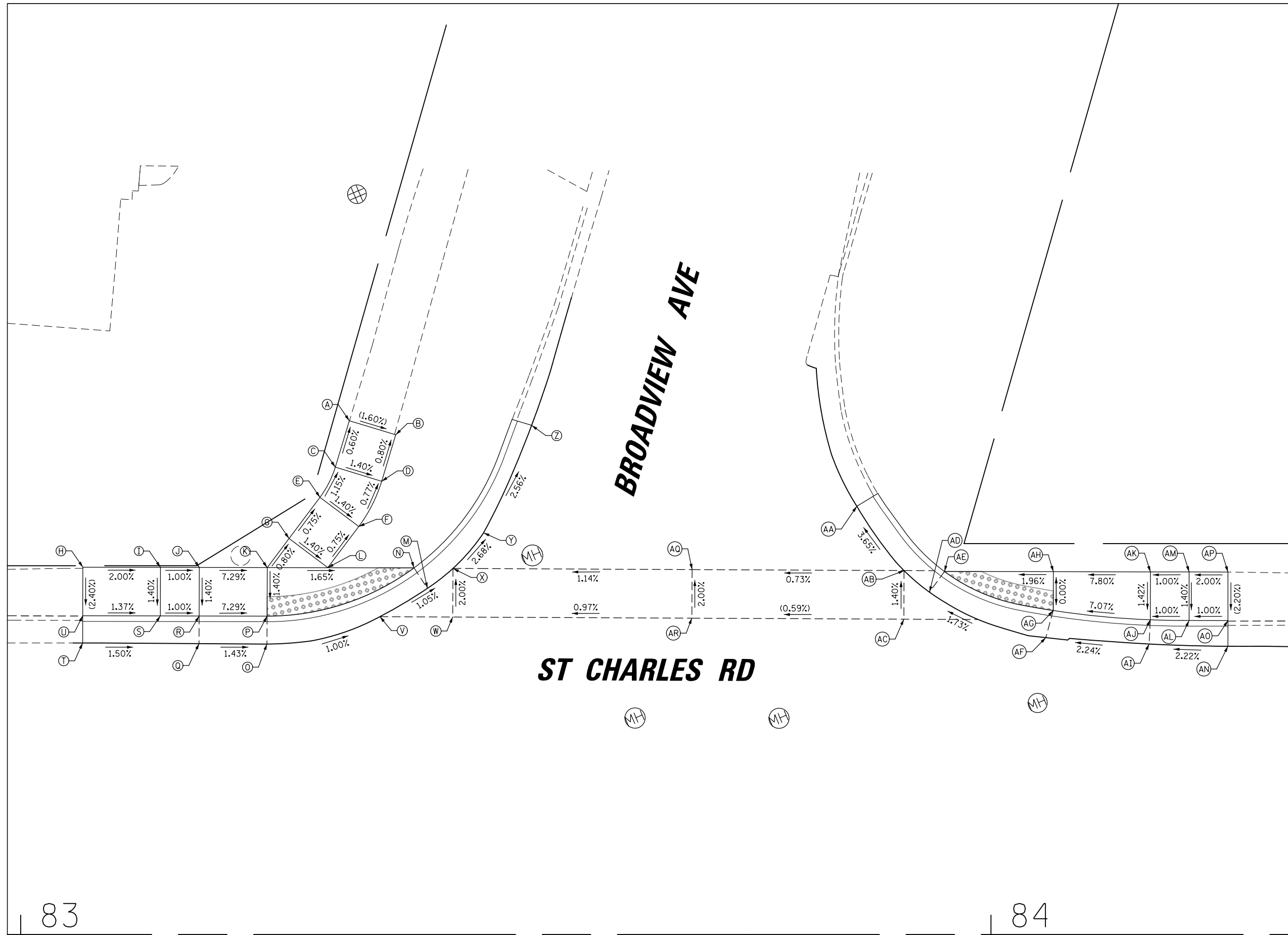


| POINT | STATION  | OFFSET    | ELEV.    |
|-------|----------|-----------|----------|
| A     | 83+33.87 | 52.94' LT | (695.31) |
| B     | 83+38.66 | 51.49' LT | (695.23) |
| C     | 83+32.42 | 48.16' LT | 695.34   |
| D     | 83+37.20 | 46.70' LT | 695.27   |
| E     | 83+30.84 | 45.05' LT | 695.38   |
| F     | 83+34.84 | 42.05' LT | 695.31   |
| G     | 83+27.65 | 40.80' LT | 695.42   |
| H     | 83+06.41 | 37.85' LT | (696.16) |
| I     | 83+14.41 | 37.83' LT | 696.00   |
| J     | 83+18.41 | 37.83' LT | 695.96   |
| K     | 83+25.41 | 37.81' LT | 695.45   |
| L     | 83+31.65 | 37.80' LT | 695.35   |
| M     | 83+41.92 | 35.67' LT | 695.20   |
| N     | 83+40.55 | 37.78' LT | 695.20   |
| O     | 83+25.38 | 29.93' LT | 695.38   |
| P     | 83+25.40 | 32.81' LT | 695.38   |
| Q     | 83+18.38 | 29.98' LT | 695.48   |
| R     | 83+18.40 | 32.83' LT | 695.89   |
| S     | 83+14.40 | 32.83' LT | 695.93   |
| T     | 83+06.39 | 30.04' LT | (695.66) |
| U     | 83+06.40 | 32.85' LT | (696.04) |
| V     | 83+37.03 | 32.76' LT | 695.26   |
| W     | 83+44.53 | 32.72' LT | (695.27) |
| X     | 83+44.56 | 37.72' LT | 695.17   |
| Y     | 83+47.71 | 41.40' LT | 695.04   |
| Z     | 83+52.67 | 52.46' LT | (694.73) |
| AA    | 83+86.17 | 44.12' LT | (695.31) |
| AB    | 83+91.05 | 37.50' LT | 695.61   |
| AC    | 83+91.02 | 32.50' LT | (695.68) |
| AD    | 83+93.67 | 35.28' LT | 695.67   |
| AE    | 83+95.20 | 37.41' LT | 695.63   |
| AF    | 84+05.58 | 30.30' LT | 695.89   |
| AG    | 84+06.42 | 33.39' LT | 695.85   |
| AH    | 84+06.43 | 37.39' LT | 695.85   |
| AI    | 84+16.30 | 29.93' LT | 696.13   |
| AJ    | 84+16.42 | 32.43' LT | 696.56   |
| AK    | 84+16.43 | 37.37' LT | 696.63   |
| AL    | 84+20.42 | 32.36' LT | 696.60   |
| AM    | 84+20.43 | 37.36' LT | 696.67   |
| AN    | 84+24.42 | 29.70' LT | (696.31) |
| AO    | 84+24.42 | 32.35' LT | (696.64) |
| AP    | 84+24.43 | 37.35' LT | (696.75) |
| AQ    | 83+69.20 | 37.60' LT | (695.45) |
| AR    | 83+69.17 | 32.60' LT | (695.55) |

(XXX.XX) = EXISTING ELEVATION

| PLAN | SURVEYED | DATE |
|------|----------|------|
| NO.  |          |      |

| PROF. FILE | SURVEYED | DATE |
|------------|----------|------|
| NO.        |          |      |



83

84

5 0 5  
SCALE IN FEET  
*BORDER = 5 SCALE  
CELLS = 20 SCALE*

|  |                       |                |           |
|--|-----------------------|----------------|-----------|
| FILE NAME =                                | USER NAME = sipatel   | DESIGNED - VMR | REVISED - |
| N:\Lombard\210413\Cv1\1\0161K57-ADA.01.dgn |                       | DRAWN - MK     | REVISED - |
| Default                                    | PLOT SCALE = 18'      | CHECKED - LMF  | REVISED - |
|  | PLOT DATE = 5/29/2024 | DATE -         | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ST CHARLES RD  
E OF IL 53 TO W OF GRACE ST  
ADA DETAIL ST CHARLES RD AT BROADVIEW AVE

SCALE: 1:10 SHEET 1 OF 8 SHEETS STA. TO STA.

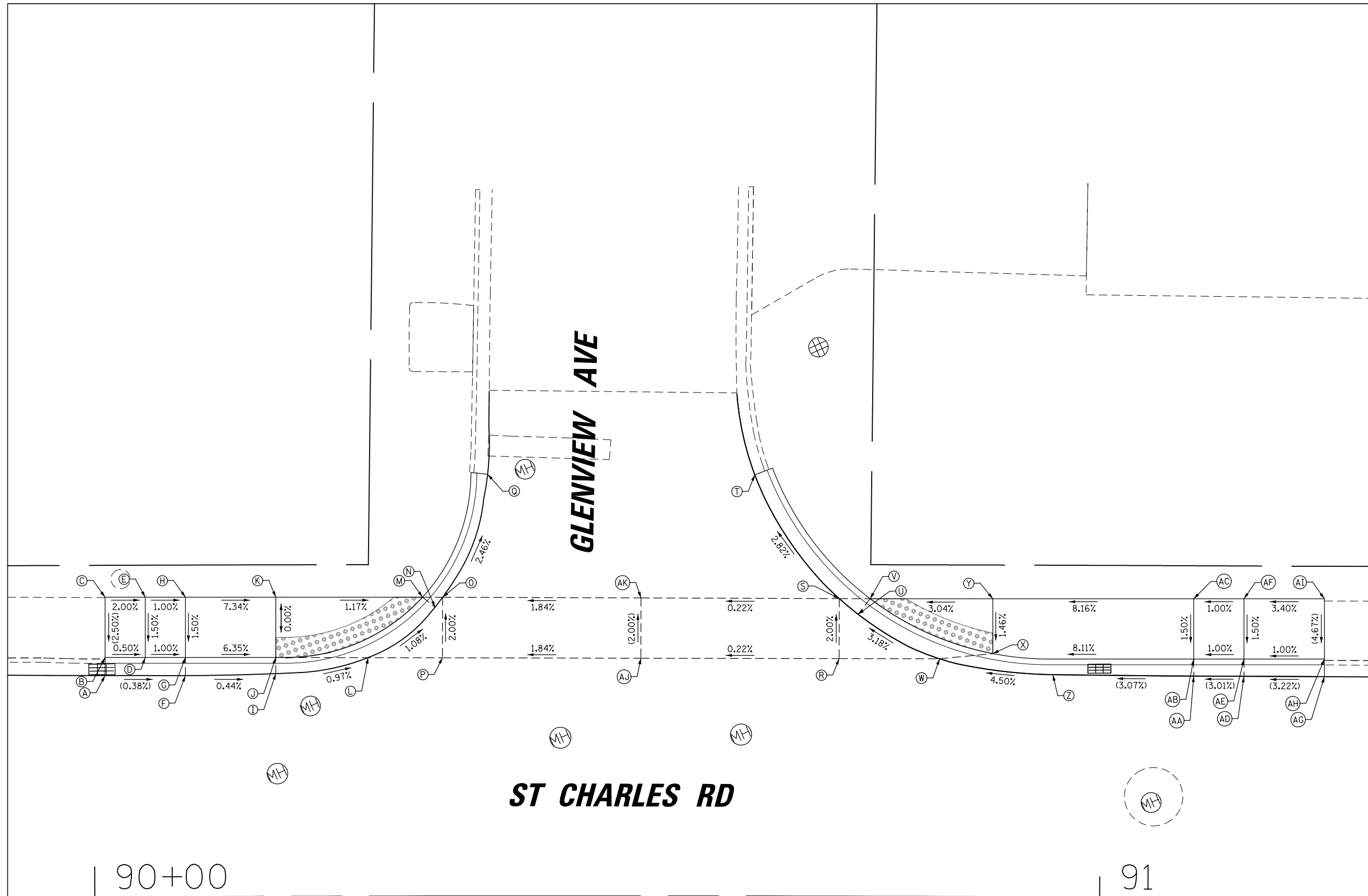
| FAU RTE.           | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|--------|--------------|-----------|
| 1397               | 22-00163-00-RS | DUPAGE | 63           | 43        |
| CONTRACT NO. 61K57 |                |        |              |           |

ILLINOIS FED. AID PROJECT



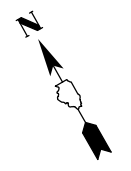
|      |                |    |      |
|------|----------------|----|------|
| PLAN | SURVEYED       | BY | DATE |
| NO.  | PLOTTED        |    |      |
|      | NOTED          |    |      |
|      | RT. OF WAY     |    |      |
|      | CHECKED        |    |      |
|      | PAID FILE NAME |    |      |

|          |           |    |      |
|----------|-----------|----|------|
| PROF ILE | SURVEYED  | BY | DATE |
| NO.      | PLOTTED   |    |      |
|          | NOTED     |    |      |
|          | STRUCTURE |    |      |
|          | NOTATNS   |    |      |
|          | CHKD      |    |      |



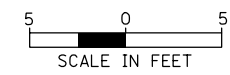
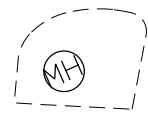
| POINT | STATION  | OFFSET    | ELEV.    |
|-------|----------|-----------|----------|
| A     | 90+01.09 | 22.03' LT | (696.84) |
| B     | 90+01.10 | 23.83' LT | (697.39) |
| C     | 90+01.12 | 29.83' LT | (697.54) |
| D     | 90+05.09 | 23.82' LT | 697.37   |
| E     | 90+05.11 | 29.82' LT | 697.46   |
| F     | 90+09.08 | 21.99' LT | (696.81) |
| G     | 90+09.09 | 23.80' LT | 697.33   |
| H     | 90+09.10 | 29.80' LT | 697.42   |
| I     | 90+18.07 | 22.17' LT | 696.77   |
| J     | 90+18.07 | 23.78' LT | 696.76   |
| K     | 90+18.09 | 29.78' LT | 696.76   |
| L     | 90+27.24 | 23.75' LT | 696.68   |
| M     | 90+32.66 | 29.76' LT | 696.59   |
| N     | 90+33.89 | 28.76' LT | 696.59   |
| O     | 90+34.65 | 29.75' LT | 696.58   |
| P     | 90+34.63 | 23.72' LT | 696.70   |
| Q     | 90+39.12 | 41.98' LT | (696.26) |
| R     | 90+74.03 | 23.65' LT | 697.06   |
| S     | 90+74.03 | 29.62' LT | 696.94   |
| T     | 90+65.63 | 41.93' LT | (696.52) |
| U     | 90+75.91 | 28.06' LT | 697.02   |
| V     | 90+77.10 | 29.62' LT | 697.02   |
| W     | 90+84.01 | 23.65' LT | 697.31   |
| X     | 90+89.29 | 24.18' LT | 697.31   |
| Y     | 90+89.28 | 29.65' LT | 697.39   |
| Z     | 90+95.27 | 22.10' LT | (697.82) |
| AA    | 91+09.26 | 22.02' LT | (698.25) |
| AB    | 91+09.27 | 23.71' LT | 698.93   |
| AC    | 91+09.25 | 29.71' LT | 699.02   |
| AD    | 91+14.25 | 22.02' LT | 698.40   |
| AE    | 91+14.26 | 23.73' LT | 698.98   |
| AF    | 91+14.24 | 29.73' LT | 699.07   |
| AG    | 91+22.32 | 22.01' LT | 698.66   |
| AH    | 91+22.25 | 23.76' LT | 699.06   |
| AI    | 91+22.22 | 29.76' LT | (699.34) |
| AJ    | 90+51.52 | 23.68' LT | (697.01) |
| AK    | 90+51.53 | 29.68' LT | (696.89) |

(XXX.XX) = EXISTING ELEVATION



90+00

91



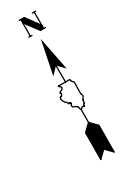
BORDER = 5 SCALE  
CELLS = 20 SCALE

|  |                       |                |           |
|--|-----------------------|----------------|-----------|
| FILE NAME =                                | USER NAME = sipotel   | DESIGNED - VMR | REVISED - |
| N:\Lombard\210413\Cv1\1\0161K57-ADA.02.dgn |                       | DRAWN - MK     | REVISED - |
| Default                                    | PLOT SCALE = 18'      | CHECKED - LMF  | REVISED - |
|  | PLOT DATE = 5/29/2024 | DATE -         | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

|  |                                  |
|--|----------------------------------|
| ST CHARLES RD<br>E OF IL 53 TO W OF GRACE ST<br>ADA DETAIL ST CHARLES RD AT GLENVIEW AVE |                                  |
| SCALE: 1:10  | SHEET 2 OF 8 SHEETS STA. TO STA. |

| FAU RTE.           | SECTION        | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|----------------|--------|---------------------------|-----------|
| 1397               | 22-00163-00-RS | DUPAGE | 63                        | 44        |
| CONTRACT NO. 61K57 |                |        | ILLINOIS FED. AID PROJECT |           |



|      |                |      |
|------|----------------|------|
| PLAN | SURVEYED       | DATE |
| NO.  | PLOTTED        | BY   |
|      | NOTED          |      |
|      | CHECKED        |      |
|      | RT. OF WAY     |      |
|      | CHECKED        |      |
|      | PAID FILE NAME |      |

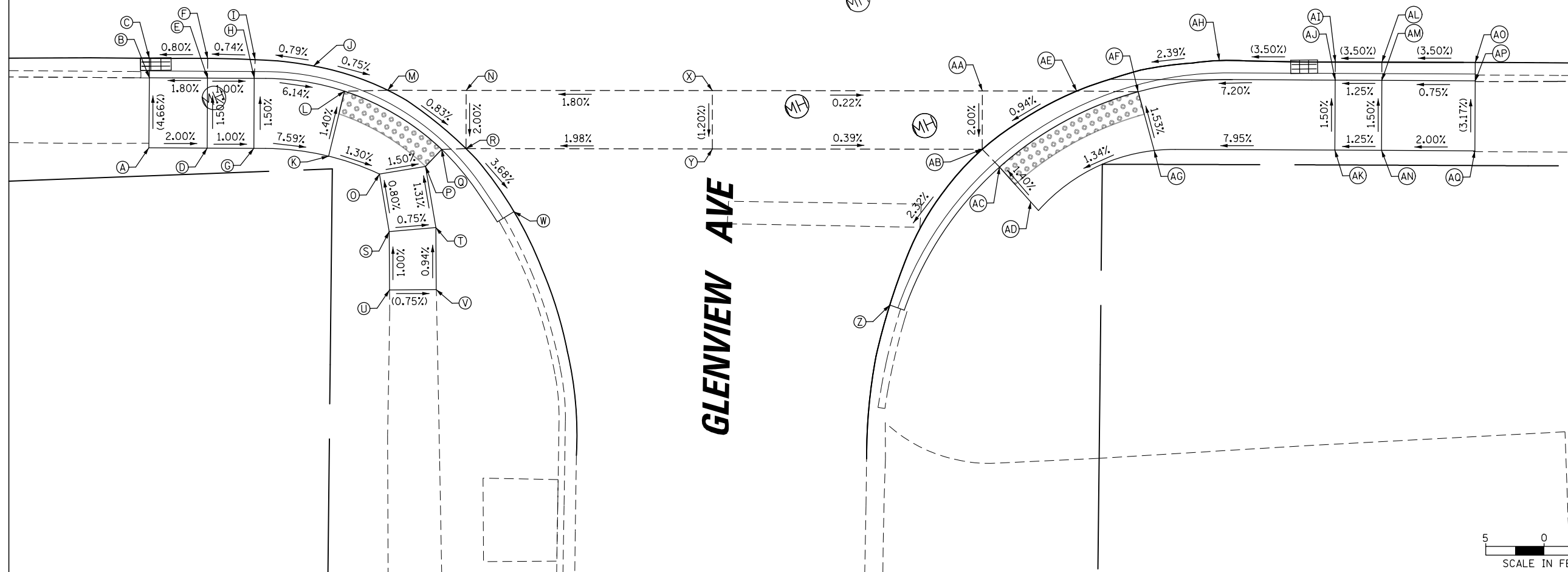
|          |                     |      |
|----------|---------------------|------|
| PROF ILE | SURVEYED            | DATE |
| NO.      | PLOTTED             | BY   |
|          | NOTED               |      |
|          | CHECKED             |      |
|          | STRUCTURE NOTATIONS |      |
|          | CHKD                |      |

90+00

91

### ST CHARLES RD

### GLENVIEW AVE



| POINT | STATION  | OFFSET    | ELEV.    |
|-------|----------|-----------|----------|
| A     | 90+00.66 | 31.53' RT | (697.48) |
| B     | 90+00.71 | 25.52' RT | (697.20) |
| C     | 90+00.73 | 23.87' RT | (696.70) |
| D     | 90+05.67 | 31.58' RT | 697.38   |
| E     | 90+05.72 | 25.58' RT | 697.29   |
| F     | 90+05.74 | 23.92' RT | (696.74) |
| G     | 90+09.68 | 31.62' RT | 697.34   |
| H     | 90+09.73 | 25.62' RT | 697.25   |
| I     | 90+09.81 | 24.02' RT | (696.77) |
| J     | 90+14.83 | 24.57' RT | 696.81   |
| K     | 90+16.10 | 32.31' RT | 696.85   |
| L     | 90+17.47 | 26.74' RT | 696.77   |
| M     | 90+21.19 | 26.66' RT | 696.76   |
| N     | 90+27.93 | 26.69' RT | 696.79   |
| O     | 90+20.47 | 33.85' RT | 696.79   |
| P     | 90+24.42 | 33.19' RT | 696.73   |
| Q     | 90+25.81 | 31.75' RT | 696.70   |
| R     | 90+27.91 | 31.69' RT | 696.69   |
| S     | 90+21.29 | 38.78' RT | 696.94   |
| T     | 90+25.30 | 38.45' RT | 696.91   |
| U     | 90+21.31 | 43.78' RT | (696.99) |
| V     | 90+25.33 | 43.77' RT | (696.96) |
| W     | 90+32.02 | 37.09' RT | (696.55) |
| X     | 90+49.08 | 26.73' RT | (697.17) |
| Y     | 90+49.07 | 31.73' RT | (697.11) |
| Z     | 90+64.33 | 45.10' RT | (696.66) |
| AA    | 90+72.26 | 26.74' RT | 697.12   |
| AB    | 90+72.26 | 31.74' RT | 697.02   |
| AC    | 90+73.75 | 33.26' RT | 697.02   |
| AD    | 90+77.10 | 36.98' RT | 697.09   |
| AE    | 90+80.36 | 26.73' RT | 697.11   |
| AF    | 90+85.65 | 26.77' RT | 697.16   |
| AG    | 90+87.04 | 31.81' RT | 697.24   |
| AH    | 90+92.61 | 24.09' RT | (697.41) |
| AI    | 91+02.57 | 24.18' RT | 697.76   |
| AJ    | 91+02.56 | 25.73' RT | 698.38   |
| AK    | 91+02.56 | 31.73' RT | 698.47   |
| AL    | 91+06.57 | 24.18' RT | (697.90) |
| AM    | 91+06.57 | 25.72' RT | 698.43   |
| AN    | 91+06.57 | 31.73' RT | 698.52   |
| AO    | 91+14.59 | 24.16' RT | (698.18) |
| AP    | 91+14.59 | 25.74' RT | (698.49) |
| AQ    | 91+14.58 | 31.74' RT | (698.68) |

(XXX.XX) = EXISTING ELEVATION

5 0 5  
SCALE IN FEET  
BORDER = 5 SCALE  
CELLS = 20 SCALE

|   |                       |                |           |
|---|-----------------------|----------------|-----------|
| FILE NAME =                               | USER NAME = sipotel   | DESIGNED - VMR | REVISED - |
| N:\Lombard\210413\Cv11\DI61K57-ADA.03.dgn |                       | DRAWN - MK     | REVISED - |
| Default                                   | PLOT SCALE = 18'      | CHECKED - LMF  | REVISED - |
|   | PLOT DATE = 5/29/2024 | DATE -         | REVISED - |

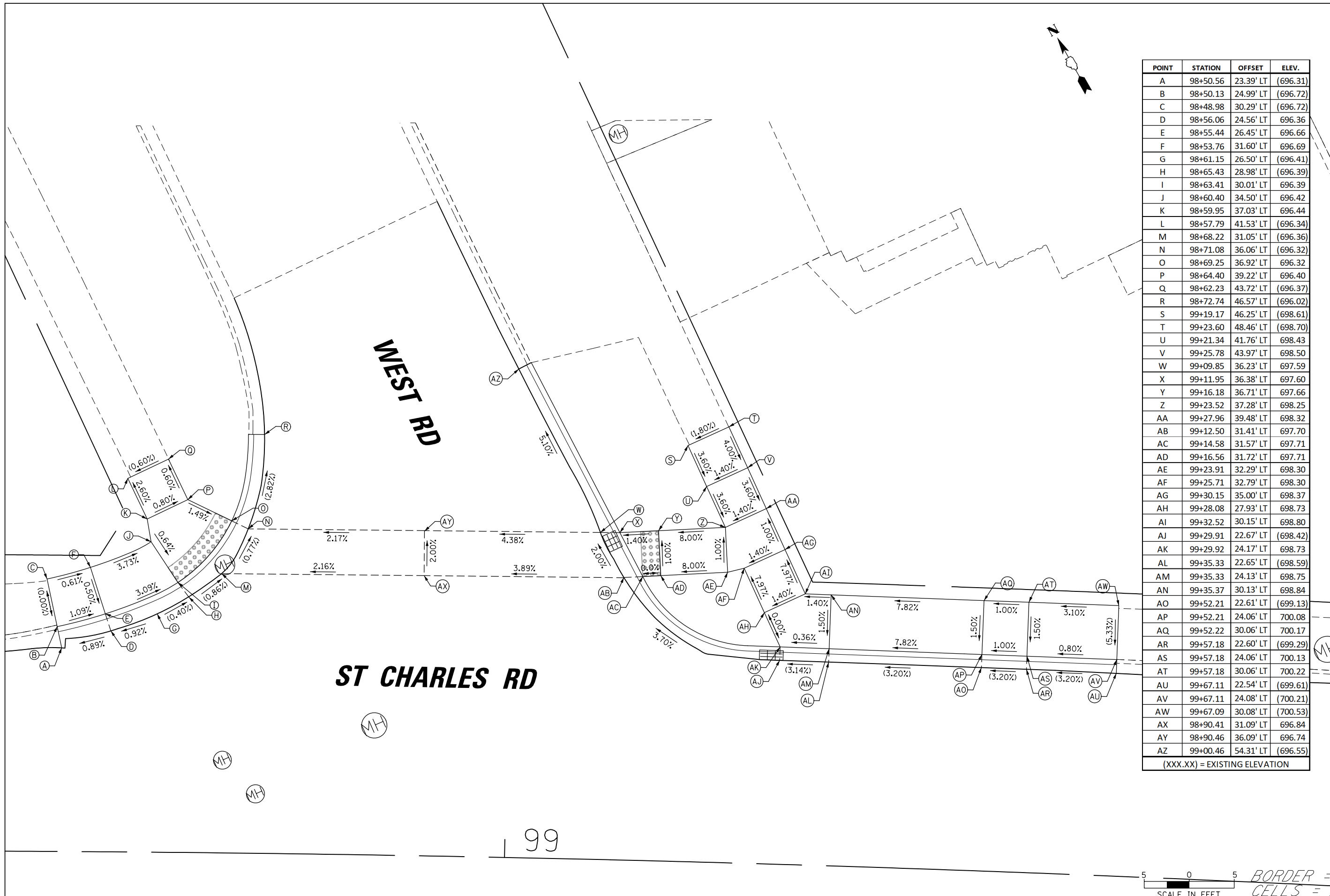
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

|  |                     |      |         |
|--|---------------------|------|---------|
| ST CHARLES RD<br>E OF IL 53 TO W OF GRACE ST<br>ADA DETAIL ST CHARLES RD AT GLENVIEW AVE |                     |      |         |
| SCALE: 1:10  | SHEET 3 OF 8 SHEETS | STA. | TO STA. |

|                           |                |        |              |                    |
|---------------------------|----------------|--------|--------------|--------------------|
| FAU RTE.                  | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO.          |
| 1397                      | 22-00163-00-RS | DUPAGE | 63           | 45                 |
|                           |                |        |              | CONTRACT NO. 61K57 |
| ILLINOIS FED. AID PROJECT |                |        |              |                    |

|               |                    |      |
|---------------|--------------------|------|
| PLAN          | SURVEYED           | DATE |
| NOTE BOOK NO. | PLOTTED            | BY   |
|               | CHECKED            |      |
|               | RT. OF WAY CHECKED |      |
|               | PAID FILE NAME     |      |

|               |                        |      |
|---------------|------------------------|------|
| PROF ILE      | SURVEYED               | DATE |
| NOTE BOOK NO. | PLOTTED                | BY   |
|               | CHECKED                |      |
|               | RT. OF WAY CHECKED     |      |
|               | STRUCTURE NOTATNS CHKD |      |



| POINT | STATION  | OFFSET    | ELEV.    |
|-------|----------|-----------|----------|
| A     | 98+50.56 | 23.39' LT | (696.31) |
| B     | 98+50.13 | 24.99' LT | (696.72) |
| C     | 98+48.98 | 30.29' LT | (696.72) |
| D     | 98+56.06 | 24.56' LT | 696.36   |
| E     | 98+55.44 | 26.45' LT | 696.66   |
| F     | 98+53.76 | 31.60' LT | 696.69   |
| G     | 98+61.15 | 26.50' LT | (696.41) |
| H     | 98+65.43 | 28.98' LT | (696.39) |
| I     | 98+63.41 | 30.01' LT | 696.39   |
| J     | 98+60.40 | 34.50' LT | 696.42   |
| K     | 98+59.95 | 37.03' LT | 696.44   |
| L     | 98+57.79 | 41.53' LT | (696.34) |
| M     | 98+68.22 | 31.05' LT | (696.36) |
| N     | 98+71.08 | 36.06' LT | (696.32) |
| O     | 98+69.25 | 36.92' LT | 696.32   |
| P     | 98+64.40 | 39.22' LT | 696.40   |
| Q     | 98+62.23 | 43.72' LT | (696.37) |
| R     | 98+72.74 | 46.57' LT | (696.02) |
| S     | 99+19.17 | 46.25' LT | (698.61) |
| T     | 99+23.60 | 48.46' LT | (698.70) |
| U     | 99+21.34 | 41.76' LT | 698.43   |
| V     | 99+25.78 | 43.97' LT | 698.50   |
| W     | 99+09.85 | 36.23' LT | 697.59   |
| X     | 99+11.95 | 36.38' LT | 697.60   |
| Y     | 99+16.18 | 36.71' LT | 697.66   |
| Z     | 99+23.52 | 37.28' LT | 698.25   |
| AA    | 99+27.96 | 39.48' LT | 698.32   |
| AB    | 99+12.50 | 31.41' LT | 697.70   |
| AC    | 99+14.58 | 31.57' LT | 697.71   |
| AD    | 99+16.56 | 31.72' LT | 697.71   |
| AE    | 99+23.91 | 32.29' LT | 698.30   |
| AF    | 99+25.71 | 32.79' LT | 698.30   |
| AG    | 99+30.15 | 35.00' LT | 698.37   |
| AH    | 99+28.08 | 27.93' LT | 698.73   |
| AI    | 99+32.52 | 30.15' LT | 698.80   |
| AJ    | 99+29.91 | 22.67' LT | (698.42) |
| AK    | 99+29.92 | 24.17' LT | 698.73   |
| AL    | 99+35.33 | 22.65' LT | (698.59) |
| AM    | 99+35.33 | 24.13' LT | 698.75   |
| AN    | 99+35.37 | 30.13' LT | 698.84   |
| AO    | 99+52.21 | 22.61' LT | (699.13) |
| AP    | 99+52.21 | 24.06' LT | 700.08   |
| AQ    | 99+52.22 | 30.06' LT | 700.17   |
| AR    | 99+57.18 | 22.60' LT | (699.29) |
| AS    | 99+57.18 | 24.06' LT | 700.13   |
| AT    | 99+57.18 | 30.06' LT | 700.22   |
| AU    | 99+67.11 | 22.54' LT | (699.61) |
| AV    | 99+67.11 | 24.08' LT | (700.21) |
| AW    | 99+67.09 | 30.08' LT | (700.53) |
| AX    | 98+90.41 | 31.09' LT | 696.84   |
| AY    | 98+90.46 | 36.09' LT | 696.74   |
| AZ    | 99+00.46 | 54.31' LT | (696.55) |

(XXX.XX) = EXISTING ELEVATION

5 0 5  
SCALE IN FEET  
BORDER = 5 SCALE  
CELLS = 20 SCALE

|  |                       |                |           |
|--|-----------------------|----------------|-----------|
| FILE NAME =                                | USER NAME = sipotel   | DESIGNED - VMR | REVISED - |
| N:\Lombard\210413\Cv1\1\D161K57-ADA.04.dgn |                       | DRAWN - MK     | REVISED - |
| Default                                    | PLOT SCALE = 18'      | CHECKED - LMF  | REVISED - |
|  | PLOT DATE = 5/29/2024 | DATE -         | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ST CHARLES RD  
E OF IL 53 TO W OF GRACE ST  
ADA DETAIL ST CHARLES RD AT WEST RD  
SCALE: 1:10 SHEET 4 OF 8 SHEETS STA. TO STA.

|                    |                |        |                           |           |
|--------------------|----------------|--------|---------------------------|-----------|
| FAU RTE.           | SECTION        | COUNTY | TOTAL SHEETS              | SHEET NO. |
| 1397               | 22-00163-00-RS | DUPAGE | 63                        | 46        |
| CONTRACT NO. 61K57 |                |        | ILLINOIS FED. AID PROJECT |           |

|           |                    |      |
|-----------|--------------------|------|
| PLAN      | SURVEYED           | DATE |
| NOTE BOOK | PLOTTED            | BY   |
| NO.       | RT. OF WAY CHECKED |      |
|           | PAID FILE NAME     |      |

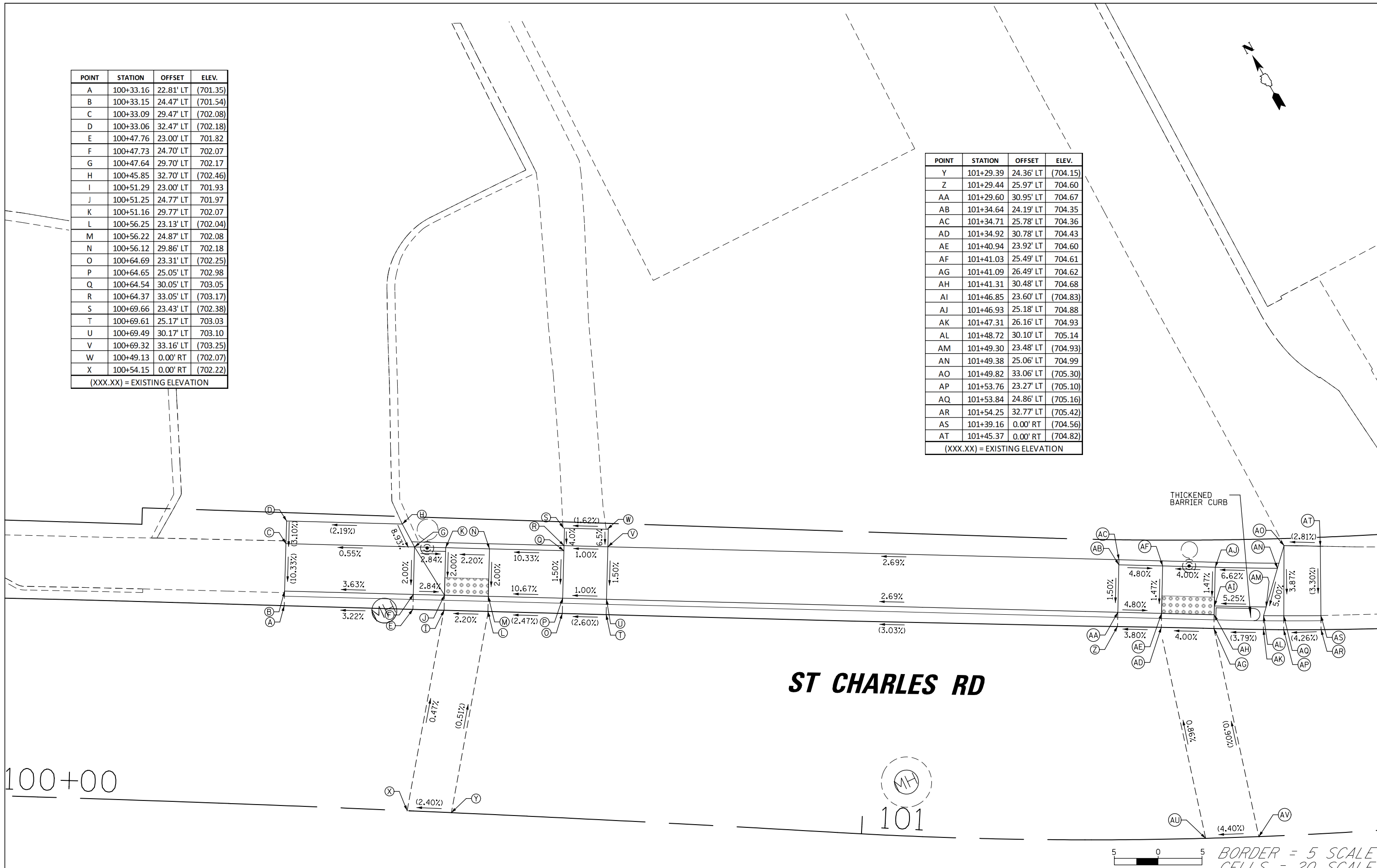
|           |                    |      |
|-----------|--------------------|------|
| PROF ILE  | SURVEYED           | DATE |
| NOTE BOOK | PLOTTED            | BY   |
| NO.       | RT. OF WAY CHECKED |      |
|           | PAID FILE NAME     |      |

| POINT | STATION   | OFFSET    | ELEV.    |
|-------|-----------|-----------|----------|
| A     | 100+33.16 | 22.81' LT | (701.35) |
| B     | 100+33.15 | 24.47' LT | (701.54) |
| C     | 100+33.09 | 29.47' LT | (702.08) |
| D     | 100+33.06 | 32.47' LT | (702.18) |
| E     | 100+47.76 | 23.00' LT | 701.82   |
| F     | 100+47.73 | 24.70' LT | 702.07   |
| G     | 100+47.64 | 29.70' LT | 702.17   |
| H     | 100+45.85 | 32.70' LT | (702.46) |
| I     | 100+51.29 | 23.00' LT | 701.93   |
| J     | 100+51.25 | 24.77' LT | 701.97   |
| K     | 100+51.16 | 29.77' LT | 702.07   |
| L     | 100+56.25 | 23.13' LT | (702.04) |
| M     | 100+56.22 | 24.87' LT | 702.08   |
| N     | 100+56.12 | 29.86' LT | 702.18   |
| O     | 100+64.69 | 23.31' LT | (702.25) |
| P     | 100+64.65 | 25.05' LT | 702.98   |
| Q     | 100+64.54 | 30.05' LT | 703.05   |
| R     | 100+64.37 | 33.05' LT | (703.17) |
| S     | 100+69.66 | 23.43' LT | (702.38) |
| T     | 100+69.61 | 25.17' LT | 703.03   |
| U     | 100+69.49 | 30.17' LT | 703.10   |
| V     | 100+69.32 | 33.16' LT | (703.25) |
| W     | 100+49.13 | 0.00' RT  | (702.07) |
| X     | 100+54.15 | 0.00' RT  | (702.22) |

(XXX.XX) = EXISTING ELEVATION

| POINT | STATION   | OFFSET    | ELEV.    |
|-------|-----------|-----------|----------|
| Y     | 101+29.39 | 24.36' LT | (704.15) |
| Z     | 101+29.44 | 25.97' LT | 704.60   |
| AA    | 101+29.60 | 30.95' LT | 704.67   |
| AB    | 101+34.64 | 24.19' LT | 704.35   |
| AC    | 101+34.71 | 25.78' LT | 704.36   |
| AD    | 101+34.92 | 30.78' LT | 704.43   |
| AE    | 101+40.94 | 23.92' LT | 704.60   |
| AF    | 101+41.03 | 25.49' LT | 704.61   |
| AG    | 101+41.09 | 26.49' LT | 704.62   |
| AH    | 101+41.31 | 30.48' LT | 704.68   |
| AI    | 101+46.85 | 23.60' LT | (704.83) |
| AJ    | 101+46.93 | 25.18' LT | 704.88   |
| AK    | 101+47.31 | 26.16' LT | 704.93   |
| AL    | 101+48.72 | 30.10' LT | 705.14   |
| AM    | 101+49.30 | 23.48' LT | (704.93) |
| AN    | 101+49.38 | 25.06' LT | 704.99   |
| AO    | 101+49.82 | 33.06' LT | (705.30) |
| AP    | 101+53.76 | 23.27' LT | (705.10) |
| AQ    | 101+53.84 | 24.86' LT | (705.16) |
| AR    | 101+54.25 | 32.77' LT | (705.42) |
| AS    | 101+39.16 | 0.00' RT  | (704.56) |
| AT    | 101+45.37 | 0.00' RT  | (704.82) |

(XXX.XX) = EXISTING ELEVATION



**ST CHARLES RD**



5 0 5  
SCALE IN FEET  
BORDER = 5 SCALE  
CELLS = 20 SCALE

|   |                       |                |           |   |  |                           |                           |                  |                    |                    |  |  |
|---|-----------------------|----------------|-----------|---|--|---------------------------|---------------------------|------------------|--------------------|--------------------|--|--|
| FILE NAME =<br>N:\Lombard\210413\Cv1\1\D161K57-ADA.05.dgn | USER NAME = sipotel   | DESIGNED - VMR | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>ST CHARLES RD<br/>E OF IL 53 TO W OF GRACE ST<br/>ADA DETAIL ST CHARLES RD AT CRESCENT BLVD</b> | FAU RTE.<br>1397          | SECTION<br>22-00163-00-RS | COUNTY<br>DUPAGE | TOTAL SHEETS<br>63 | SHEET NO.<br>47    |  |  |
| Default   | PLOT SCALE = 18'      | CHECKED - LMF  | REVISED - |   |  | SCALE: 1:10               | SHEET 5 OF 8 SHEETS       | STA.             | TO STA.            | CONTRACT NO. 61K57 |  |  |
|   | PLOT DATE = 5/29/2024 | DATE -         | REVISED - |   |  | ILLINOIS FED. AID PROJECT |                           |                  |                    |                    |  |  |





101

**ST CHARLES RD**

**CRESCENT BLVD**

|      |           |      |
|------|-----------|------|
| PLAN | SURVEYED  | DATE |
|      | PLOTTED   | BY   |
|      | ALIGNED   |      |
|      | CHECKED   |      |
|      | FILE NAME |      |
|      | NO.       |      |

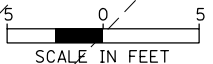
|         |           |      |
|---------|-----------|------|
| PROFILE | SURVEYED  | DATE |
|         | PLOTTED   | BY   |
|         | GRADES    |      |
|         | CHECKED   |      |
|         | STRUCTURE |      |
|         | NOTATIONS |      |
|         | CHKD      |      |

| POINT | STATION   | OFFSET    | ELEV.    |
|-------|-----------|-----------|----------|
| A     | 100+21.89 | 32.83' RT | (702.00) |
| B     | 100+21.88 | 24.83' RT | (701.48) |
| C     | 100+21.91 | 23.36' RT | (701.07) |
| D     | 100+31.98 | 32.81' RT | 701.80   |
| E     | 100+31.95 | 24.81' RT | 701.68   |
| F     | 100+31.98 | 23.57' RT | (701.27) |
| G     | 100+46.87 | 32.59' RT | 701.56   |
| H     | 100+47.19 | 28.52' RT | 701.50   |
| I     | 100+47.33 | 26.67' RT | 701.50   |
| J     | 100+51.43 | 29.08' RT | 701.52   |
| K     | 100+59.85 | 29.51' RT | 701.70   |
| L     | 100+50.39 | 39.01' RT | 701.67   |
| M     | 100+55.17 | 37.38' RT | 701.60   |
| N     | 100+57.04 | 35.37' RT | 701.56   |
| O     | 100+59.51 | 35.50' RT | (701.56) |
| P     | 100+53.69 | 48.47' RT | 702.40   |
| Q     | 100+58.49 | 46.83' RT | 702.33   |
| R     | 100+55.35 | 53.19' RT | 702.45   |
| S     | 100+60.15 | 51.56' RT | 702.38   |
| T     | 100+58.01 | 60.75' RT | (702.61) |
| U     | 100+62.82 | 59.11' RT | (702.43) |
| V     | 100+65.84 | 42.36' RT | (701.60) |

(XXX.XX) = EXISTING ELEVATION

| POINT | STATION   | OFFSET    | ELEV.    |
|-------|-----------|-----------|----------|
| w     | 101+03.35 | 37.73' RT | (702.72) |
| x     | 101+03.67 | 31.74' RT | (702.90) |
| Y     | 101+35.29 | 60.41' RT | (702.73) |
| Z     | 101+44.43 | 42.12' RT | 703.93   |
| AA    | 101+46.08 | 42.37' RT | 703.98   |
| AB    | 101+48.11 | 44.73' RT | 704.03   |
| AC    | 101+47.96 | 48.89' RT | 704.07   |
| AD    | 101+49.68 | 53.51' RT | (704.13) |
| AE    | 101+52.18 | 47.00' RT | 704.10   |
| AF    | 101+53.88 | 51.64' RT | (704.18) |
| AG    | 101+45.14 | 36.17' RT | 704.17   |
| AH    | 101+50.54 | 35.80' RT | (704.36) |
| AI    | 101+51.61 | 37.05' RT | 704.36   |
| AJ    | 101+55.91 | 43.56' RT | 704.36   |
| AK    | 101+66.32 | 28.11' RT | (705.24) |
| AL    | 101+66.63 | 29.39' RT | 705.83   |
| AM    | 101+68.46 | 37.14' RT | 705.95   |
| AN    | 101+72.47 | 26.76' RT | (705.55) |
| AO    | 101+72.62 | 28.24' RT | (705.88) |
| AP    | 101+73.42 | 36.19' RT | (706.00) |
| AQ    | 100+49.13 | 0.00' RT  | (702.07) |
| AR    | 100+54.15 | 0.00' RT  | (702.20) |
| AS    | 101+39.16 | 0.00' RT  | (704.57) |
| AT    | 101+45.37 | 0.00' RT  | (704.82) |

(XXX.XX) = EXISTING ELEVATION



|  |                       |                |           |
|--|-----------------------|----------------|-----------|
| FILE NAME =                                | USER NAME = sipatel   | DESIGNED - VMR | REVISED - |
| N:\Lombard\210413\Civil\0161K57-ADA.06.dgn |                       | DRAWN - PMM    | REVISED - |
| Default                                    | PLOT SCALE = 18'      | CHECKED - LMF  | REVISED - |
|  | PLOT DATE = 5/29/2024 | DATE -         | REVISED - |

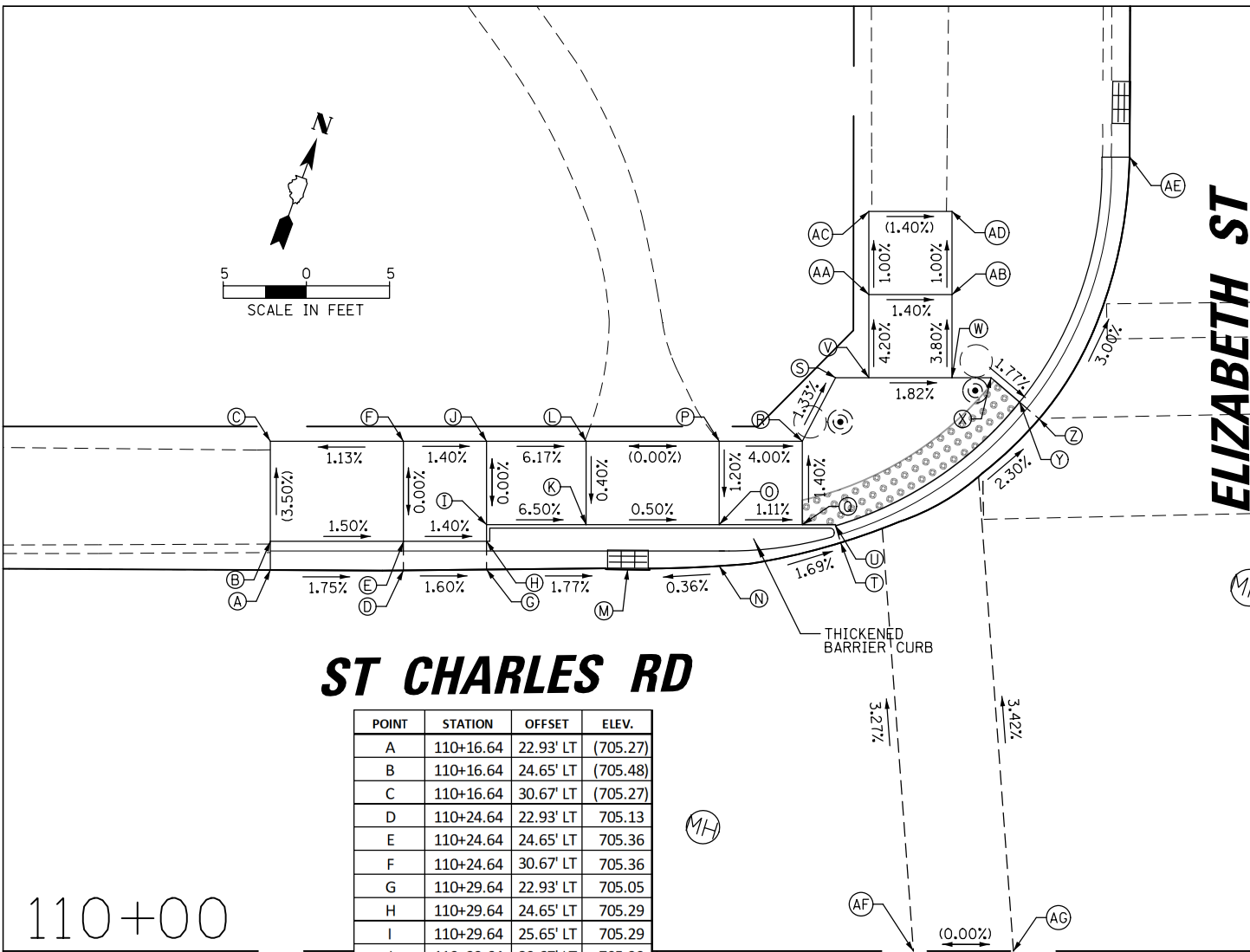
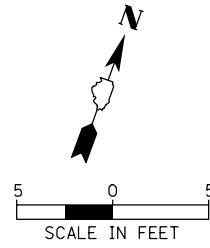
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

|  |                     |      |                |                    |        |       |
|--|---------------------|------|----------------|--------------------|--------|-------|
| <b>ST CHARLES RD</b>                             |                     | FAU  | SECTION        | COUNTY             | TOTAL  | SHEET |
| <b>E OF IL 53 TO W OF GRACE ST</b>               |                     | RTE. | 22-00163-00-R5 | ILLINOIS           | SHEETS | NO.   |
| <b>ADA DETAIL ST CHARLES RD AT CRESCENT BLVD</b> |                     | 1397 |                | DUPAGE             | 63     | 48    |
| SCALE:   | SHEET 6 OF 8 SHEETS | STA. | TO STA.        | CONTRACT NO. 61K57 |        |       |

ILLINOIS FED. AID PROJECT

|      |                |      |
|------|----------------|------|
| PLAN | SURVEYED       | DATE |
| NO.  | PLOTTED        | BY   |
|      | NOTED          |      |
|      | CHECKED        |      |
|      | RT. OF WAY     |      |
|      | CHECKED        |      |
|      | PAID FILE NAME |      |

|         |           |      |
|---------|-----------|------|
| PROFILE | SURVEYED  | DATE |
| NO.     | PLOTTED   | BY   |
|         | NOTED     |      |
|         | CHECKED   |      |
|         | STRUCTURE |      |
|         | NOTATIONS |      |
|         | CPRO      |      |



### ST CHARLES RD

| POINT | STATION   | OFFSET    | ELEV.    |
|-------|-----------|-----------|----------|
| A     | 110+16.64 | 22.93' LT | (705.27) |
| B     | 110+16.64 | 24.65' LT | (705.48) |
| C     | 110+16.64 | 30.67' LT | (705.27) |
| D     | 110+24.64 | 22.93' LT | 705.13   |
| E     | 110+24.64 | 24.65' LT | 705.36   |
| F     | 110+24.64 | 30.67' LT | 705.36   |
| G     | 110+29.64 | 22.93' LT | 705.05   |
| H     | 110+29.64 | 24.65' LT | 705.29   |
| I     | 110+29.64 | 25.65' LT | 705.29   |
| J     | 110+29.64 | 30.67' LT | 705.29   |
| K     | 110+35.64 | 25.65' LT | 704.90   |
| L     | 110+35.64 | 30.67' LT | (704.92) |
| M     | 110+38.13 | 22.95' LT | (704.90) |
| N     | 110+43.64 | 23.10' LT | 704.92   |
| O     | 110+43.64 | 25.65' LT | 704.86   |
| P     | 110+43.64 | 30.67' LT | (704.92) |
| Q     | 110+48.13 | 25.65' LT | 704.81   |
| R     | 110+48.13 | 30.67' LT | 704.74   |
| S     | 110+50.64 | 34.48' LT | 704.68   |
| T     | 110+50.62 | 24.47' LT | (704.80) |
| U     | 110+50.63 | 25.58' LT | 704.80   |
| V     | 110+52.64 | 34.48' LT | 704.64   |
| W     | 110+57.64 | 34.48' LT | 704.55   |
| X     | 110+59.98 | 34.48' LT | 704.51   |
| Y     | 110+61.70 | 33.02' LT | 704.47   |
| Z     | 110+62.88 | 32.02' LT | 704.47   |
| AA    | 110+52.63 | 39.48' LT | 704.43   |
| AB    | 110+57.63 | 39.48' LT | 704.36   |
| AC    | 110+52.63 | 44.48' LT | (704.38) |
| AD    | 110+57.63 | 44.48' LT | (704.31) |
| AE    | 110+68.33 | 47.75' LT | (703.97) |
| AF    | 110+55.31 | 0.00' RT  | (705.60) |
| AG    | 110+61.33 | 0.00' RT  | (705.60) |

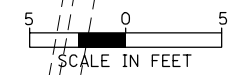
(XXX.XX) = EXISTING ELEVATION

110+00

### ST CHARLES RD

| POINT | STATION   | OFFSET    | ELEV.    |
|-------|-----------|-----------|----------|
| BA    | 110+29.30 | 33.59' RT | (706.20) |
| BB    | 110+29.28 | 24.59' RT | (705.75) |
| BC    | 110+29.28 | 22.96' RT | (705.25) |
| BD    | 110+37.30 | 33.57' RT | 706.04   |
| BE    | 110+37.28 | 24.58' RT | 705.91   |
| BF    | 110+37.28 | 22.93' RT | (705.33) |
| BG    | 110+51.70 | 36.91' RT | 705.82   |
| BH    | 110+55.67 | 28.83' RT | 705.69   |
| BI    | 110+56.29 | 27.57' RT | (705.69) |
| BJ    | 110+58.48 | 42.72' RT | 706.14   |
| BK    | 110+66.28 | 38.24' RT | 706.09   |
| BL    | 110+67.70 | 37.42' RT | (706.09) |
| BM    | 110+63.30 | 59.24' RT | 707.88   |
| BN    | 110+70.37 | 58.58' RT | 707.84   |
| BO    | 110+72.26 | 58.41' RT | 707.83   |
| BP    | 110+74.00 | 58.25' RT | (706.89) |
| BQ    | 110+63.46 | 65.11' RT | 707.94   |
| BR    | 110+68.29 | 66.39' RT | 707.87   |
| BS    | 110+62.18 | 69.94' RT | (707.94) |
| BT    | 110+67.01 | 71.22' RT | (707.97) |
| BU    | 110+73.63 | 70.30' RT | (707.33) |
| BV    | 110+62.29 | 27.38' RT | 705.78   |
| BW    | 110+55.31 | 0.00' RT  | (705.60) |
| BX    | 110+61.33 | 0.00' RT  | (705.60) |

(XXX.XX) = EXISTING ELEVATION



BORDER = 5 SCALE  
CELLS = 20 SCALE

|  |                       |                |           |
|--|-----------------------|----------------|-----------|
| FILE NAME =                                | USER NAME = sipotel   | DESIGNED - VMR | REVISED - |
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| Default                                    | PLOT SCALE = 18'      | CHECKED - LMF  | REVISED - |
|  | PLOT DATE = 5/29/2024 | DATE -         | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

|             |                     |              |
|-------------|---------------------|--------------|
| SCALE: 1:10 | SHEET 7 OF 8 SHEETS | STA. TO STA. |
|-------------|---------------------|--------------|

ST CHARLES RD  
E OF IL 53 TO W OF GRACE ST  
ADA DETAIL ST CHARLES RD AT ELIZABETH ST

|                    |                |        |                           |           |
|--------------------|----------------|--------|---------------------------|-----------|
| FAU RTE.           | SECTION        | COUNTY | TOTAL SHEETS              | SHEET NO. |
| 1397               | 22-00163-00-RS | DUPAGE | 63                        | 49        |
| CONTRACT NO. 61K57 |                |        | ILLINOIS FED. AID PROJECT |           |



|               |                    |      |
|---------------|--------------------|------|
| PLAN          | SURVEYED           | DATE |
| NOTE BOOK NO. | PLOTTED            | BY   |
|               | CHECKED            |      |
|               | RT. OF WAY CHECKED |      |
|               | PADD FILE NAME     |      |

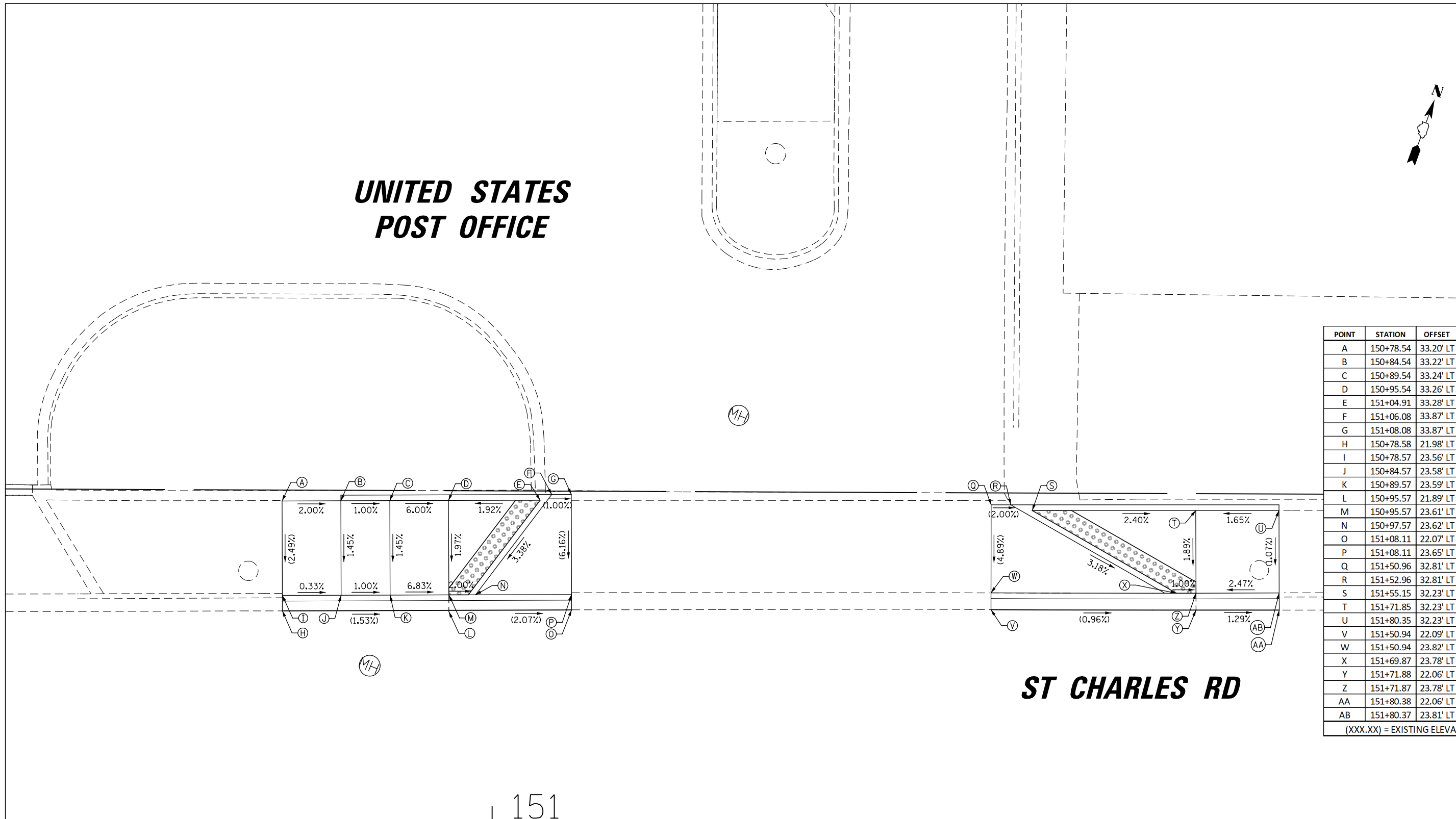
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| PROFILE       | SURVEYED                    | DATE |
| NOTE BOOK NO. | PLOTTED                     | BY   |
|               | CHECKED                     |      |
|               | STRUCTURE NOTATIONS CHECKED |      |

**UNITED STATES  
POST OFFICE**

**ST CHARLES RD**

| POINT | STATION   | OFFSET    | ELEV.    |
|-------|-----------|-----------|----------|
| A     | 150+78.54 | 33.20' LT | (716.52) |
| B     | 150+84.54 | 33.22' LT | 716.40   |
| C     | 150+89.54 | 33.24' LT | 716.35   |
| D     | 150+95.54 | 33.26' LT | 715.99   |
| E     | 151+04.91 | 33.28' LT | 716.17   |
| F     | 151+06.08 | 33.87' LT | (716.18) |
| G     | 151+08.08 | 33.87' LT | (716.16) |
| H     | 150+78.58 | 21.98' LT | (715.95) |
| I     | 150+78.57 | 23.56' LT | (716.28) |
| J     | 150+84.57 | 23.58' LT | 716.26   |
| K     | 150+89.57 | 23.59' LT | 716.21   |
| L     | 150+95.57 | 21.89' LT | (715.69) |
| M     | 150+95.57 | 23.61' LT | 715.80   |
| N     | 150+97.57 | 23.62' LT | 715.76   |
| O     | 151+08.11 | 22.07' LT | (715.43) |
| P     | 151+08.11 | 23.65' LT | (715.53) |
| Q     | 151+50.96 | 32.81' LT | (715.51) |
| R     | 151+52.96 | 32.81' LT | (715.47) |
| S     | 151+55.15 | 32.23' LT | 715.43   |
| T     | 151+71.85 | 32.23' LT | 715.03   |
| U     | 151+80.35 | 32.23' LT | (715.17) |
| V     | 151+50.94 | 22.09' LT | (715.01) |
| W     | 151+50.94 | 23.82' LT | (715.07) |
| X     | 151+69.87 | 23.78' LT | 714.89   |
| Y     | 151+71.88 | 22.06' LT | (714.81) |
| Z     | 151+71.87 | 23.78' LT | 714.87   |
| AA    | 151+80.38 | 22.06' LT | (714.70) |
| AB    | 151+80.37 | 23.81' LT | (715.08) |

(XXX.XX) = EXISTING ELEVATION



151

152

5 0 5  
SCALE IN FEET  
BORDER = 5 SCALE  
CELLS = 20 SCALE

|  |                       |                |           |
|--|-----------------------|----------------|-----------|
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| Default                                    | PLOT SCALE = 18'      | CHECKED - LMF  | REVISED - |
|  | PLOT DATE = 5/29/2024 | DATE -         | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

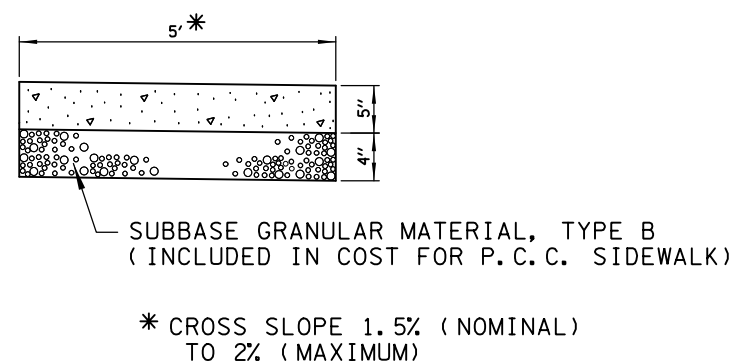
**ST CHARLES RD  
E OF IL 53 TO W OF GRACE ST  
ADA DETAIL ST CHARLES RD AT U.S.P.S.**

SCALE: 1:10 SHEET 8 OF 8 SHEETS STA. TO STA.

| FAU RTE.                  | SECTION        | COUNTY | TOTAL SHEETS       | SHEET NO. |
|---------------------------|----------------|--------|--------------------|-----------|
| 1397                      | 22-00163-00-RS | DUPAGE | 63                 | 50        |
|                           |                |        | CONTRACT NO. 61K57 |           |
| ILLINOIS FED. AID PROJECT |                |        |                    |           |

|      |           |      |
|------|-----------|------|
| PLAN | SURVEYED  | DATE |
|      | PLOTTED   | BY   |
|      | ALIGNED   |      |
|      | CHECKED   |      |
|      | FILED     |      |
|      | FILE NAME |      |
|      | NO.       |      |

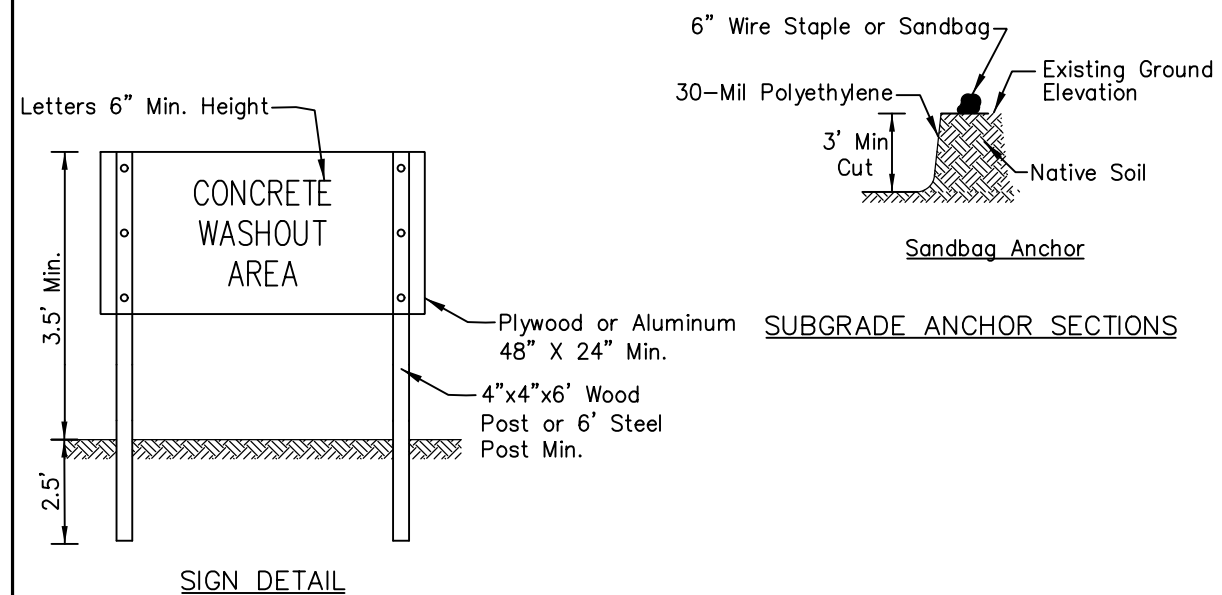
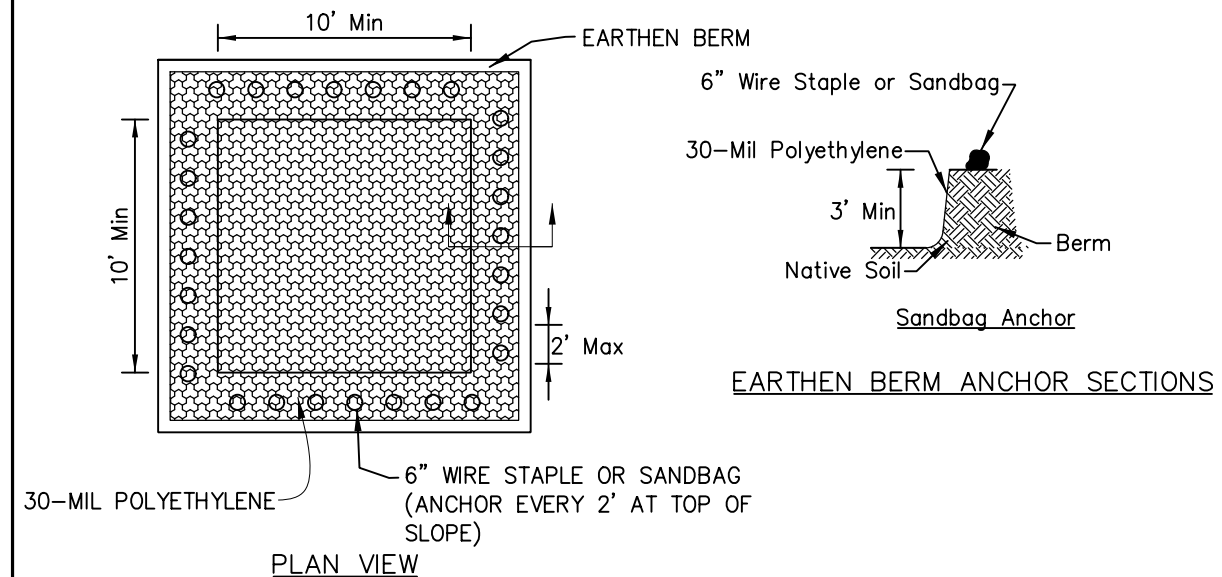
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| PROFILE | SURVEYED                    | DATE |
|         | PLOTTED                     | BY   |
|         | GRADES CHECKED              |      |
|         | STRUCTURE NOTATIONS CHECKED |      |
|         | NO.                         |      |



**NOTES:**

1. ALL REQUIRED EARTH EXCAVATION AND SUBBASE GRANULAR MATERIAL, TYPE B TO CONSTRUCT P. C. C. SIDEWALK TO MEET CURRENT ADA REQUIREMENTS SHALL BE INCLUDED IN THE COST FOR P. C. C. SIDEWALK.
2. WHEN FORMS ARE REMOVED FROM THE SIDEWALK EITHER THE SIDEWALK SHALL BE BARRICADED OR BACKFILLED WITHIN 24 HOURS.
3. SIDEWALK THICKNESS SHALL BE INCREASED AT RESIDENTIAL AND COMMERCIAL DRIVEWAYS IN CONFORMANCE WITH THE SPECIAL PROVISION.

**P. C. C. SIDEWALK DETAIL**



**NOTES:**

1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
2. Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.

|              |                   |          |                  |      |
|--------------|-------------------|----------|------------------|------|
| Sheet 2 of 3 | File No. UM-654ET | Drawn by | Design           | Date |
|              |                   |          | Drawn B. JOHNSON | 6/08 |
|              |                   |          | Checked          |      |
|              |                   |          | Approved         |      |

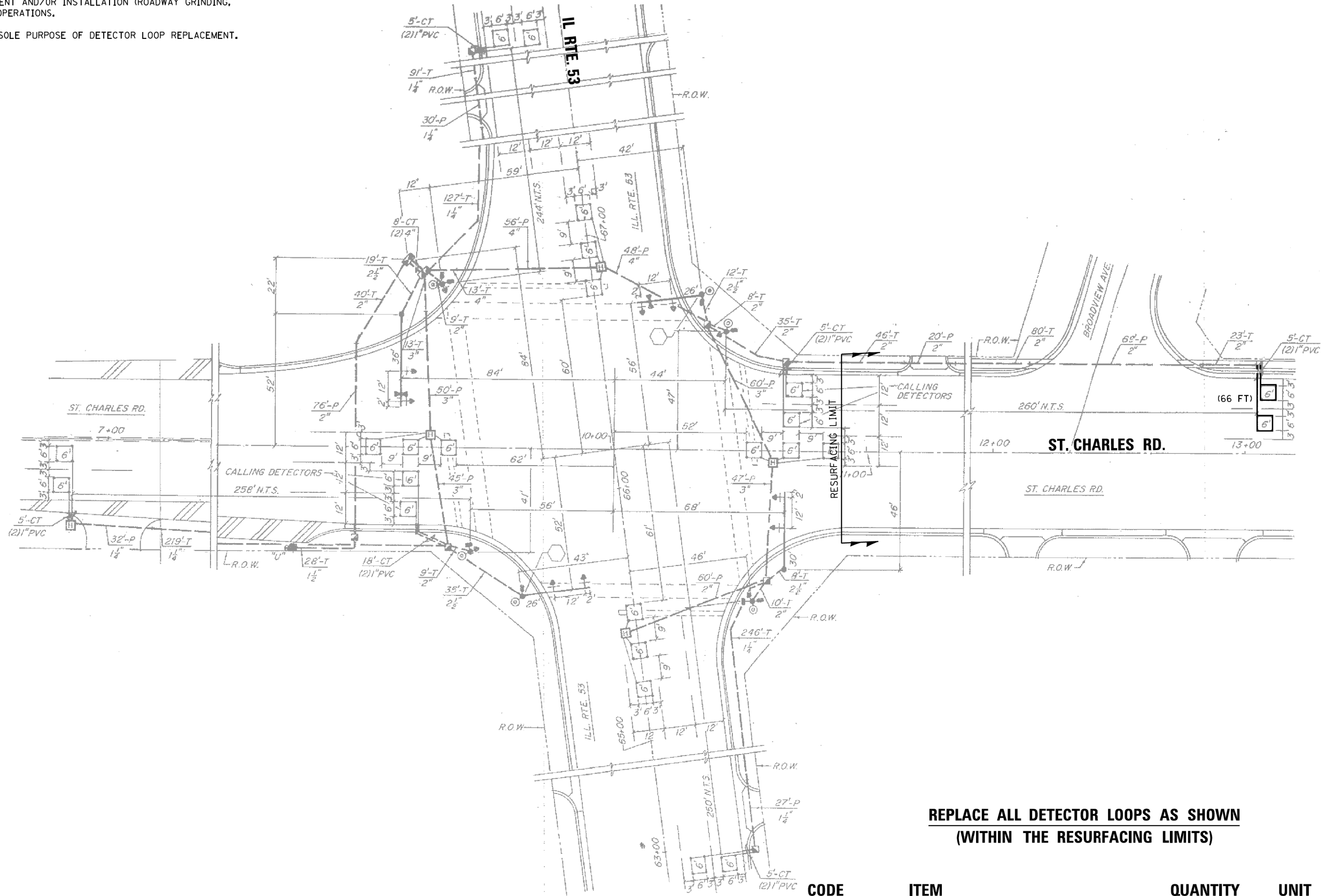
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| Default   | PLOT DATE = 5/29/2024 | DRAWN - PMM    | REVISED - |   |   | 1397                      | 22-00163-00-R5 | DUPAGE | 63           | 51        |  |
|   |                       | CHECKED - LMF  | REVISED - |   |   | CONTRACT NO. 61K57        |                |        |              |           |  |
|   |                       | DATE -         | REVISED - |   |   | ILLINOIS FED. AID PROJECT |                |        |              |           |  |

**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.

|               |                    |      |
|---------------|--------------------|------|
| PLAN          | SURVEYED           | DATE |
| NOTE BOOK NO. | ALIGNMENT CHECKED  |      |
|               | RT. OF WAY CHECKED |      |
|               | POD FILE NAME      |      |

|               |                           |      |
|---------------|---------------------------|------|
| PROFILE       | SURVEYED                  | DATE |
| NOTE BOOK NO. | GRADES CHECKED            |      |
|               | B.M. NOTED                |      |
|               | STRUCTURE NOTATIONS C/P/D |      |



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

| CODE     | ITEM                      | QUANTITY | UNIT         |
|----------|---------------------------|----------|--------------|
| 88600600 | DETECTOR LOOP REPLACEMENT | 66       | FOOT TS 6235 |

|   |                           |                   |           |
|---|---------------------------|-------------------|-----------|
| FILE NAME = 61K57 - IL 53 @ St Charles.dgn                      | USER NAME = Andrea.Vargas | DESIGNED - AV     | REVISED - |
| FILE NAME N:\Lombard\210413\Civil\016137\CONTRACT\061311_02.dgn |                           | DRAWN - AV        | REVISED - |
| Default   |                           | CHECKED - NB      | REVISED - |
|   | PLOT DATE = 5/6/2024      | DATE - 05/06/2024 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

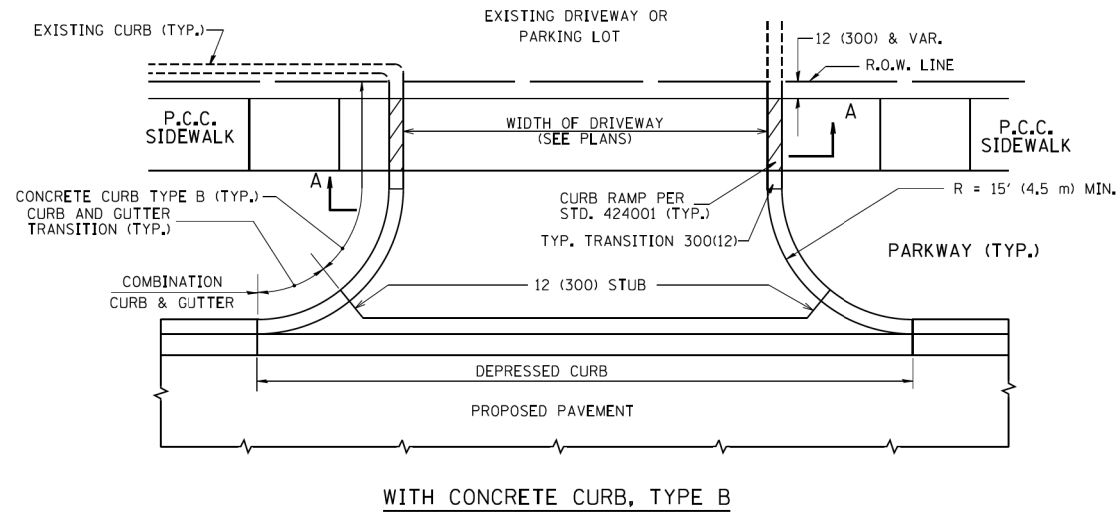
**DETECTOR LOOP REPLACEMENT PLAN  
IL. RTE. 53 AT ST. CHARLES RD.**

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

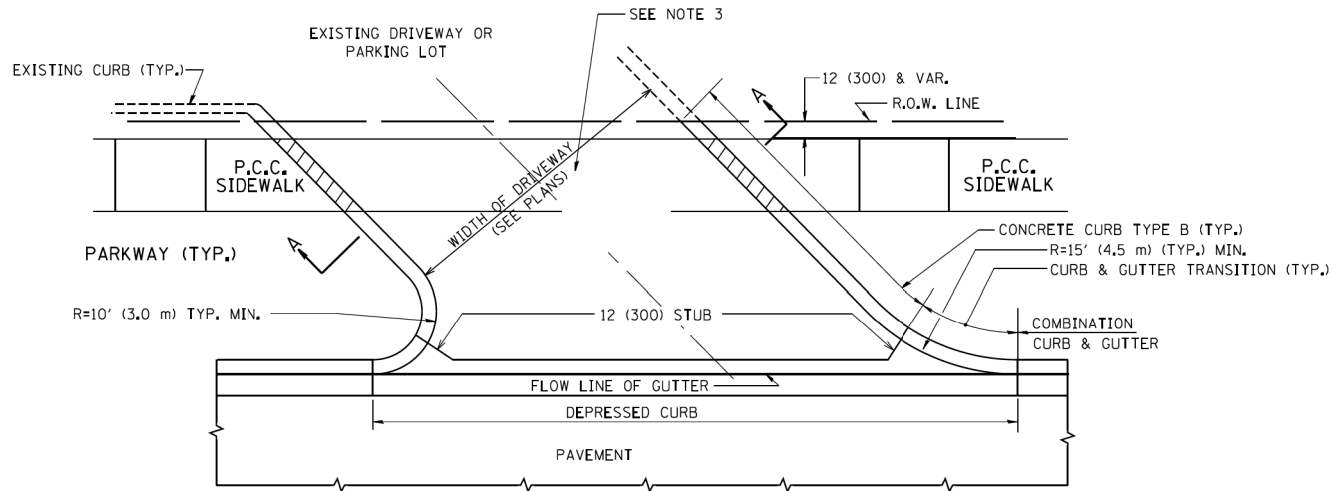
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|---------------------------|------------------------|---------------|--------------------|--------------|
| F.A.P. RTE. 1397          | SECTION 22-00163-00-RS | COUNTY DUPAGE | TOTAL SHEETS 63    | SHEET NO. 52 |
| ILLINOIS FED. AID PROJECT |                        |               | CONTRACT NO. 61K57 |              |

|                   |  |
|-------------------|--|
| DATE              |  |
| BY                |  |
| SURVEYED          |  |
| PLOTTED           |  |
| GRADES CHECKED    |  |
| ALIGNMENT CHECKED |  |
| ASPHALT PAVED     |  |
| FILE NAME         |  |
| PLAN              |  |
| NOTE BOOK         |  |
| NO.               |  |

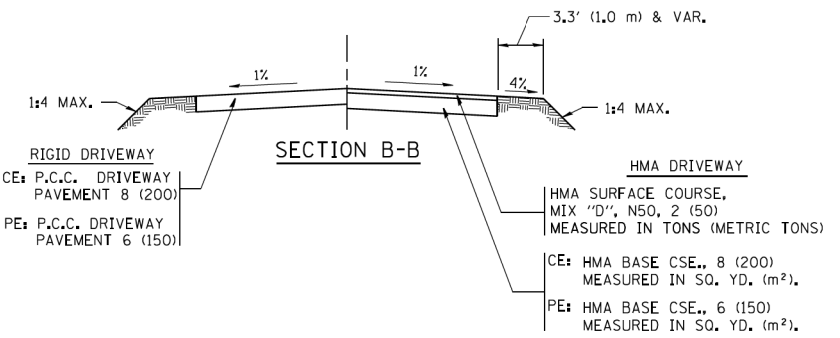
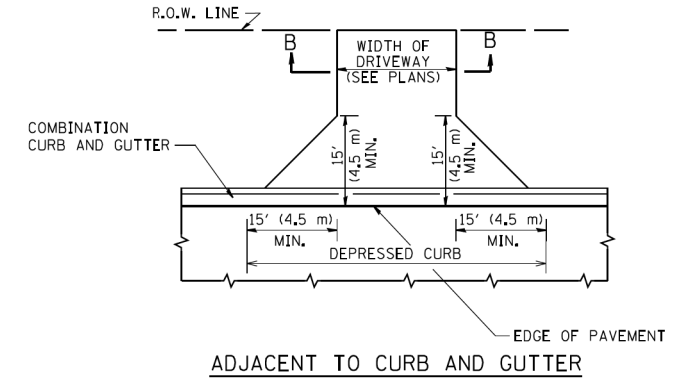
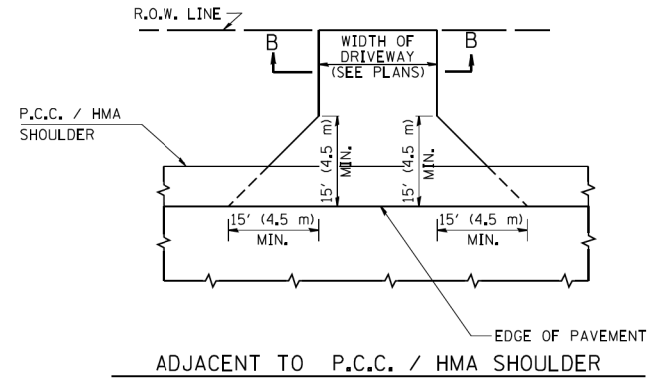
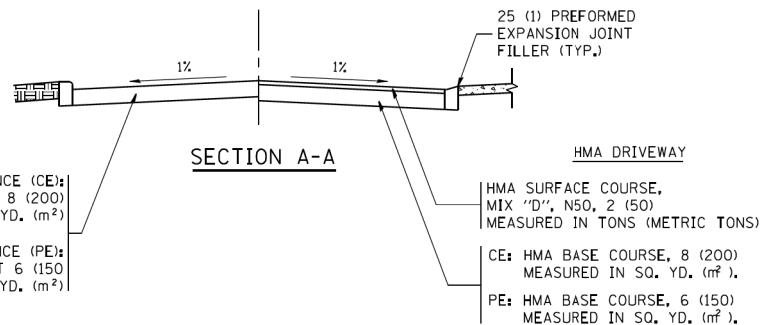
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|-------------------|--|
| DATE              |  |
| BY                |  |
| SURVEYED          |  |
| PLOTTED           |  |
| GRADES CHECKED    |  |
| ALIGNMENT CHECKED |  |
| ASPHALT PAVED     |  |
| FILE NAME         |  |
| PROFILE           |  |
| NOTE BOOK         |  |
| NO.               |  |



WITH CONCRETE CURB, TYPE B



WITH CONCRETE CURB, TYPE B



**GENERAL NOTES:**

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)**

|  |         |        |              |           |
|--|---------|--------|--------------|-----------|
| FAU RTE.   | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|  |         |        |              |           |
| BD0156-07 (BD-01)  |         |        | CONTRACT NO. |           |
| SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA. FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT |         |        |              |           |

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**ST CHARLES ROAD DISTRICT 1 DETAILS**

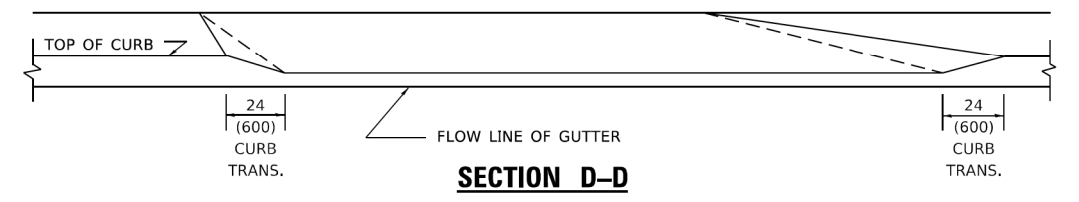
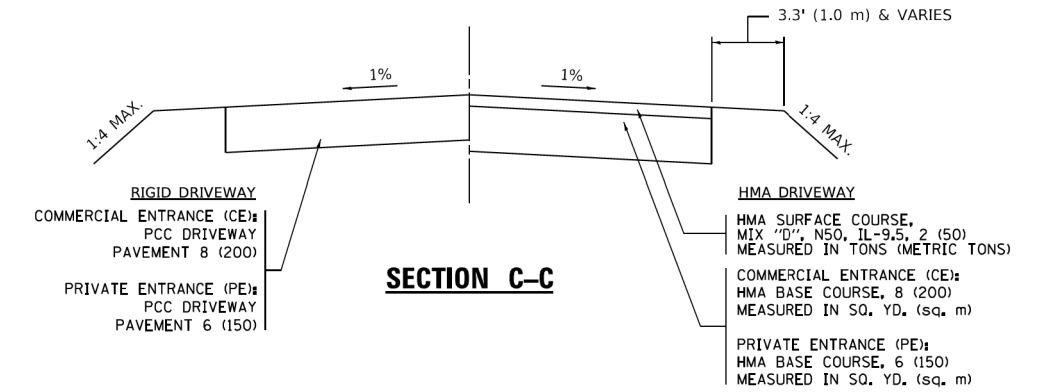
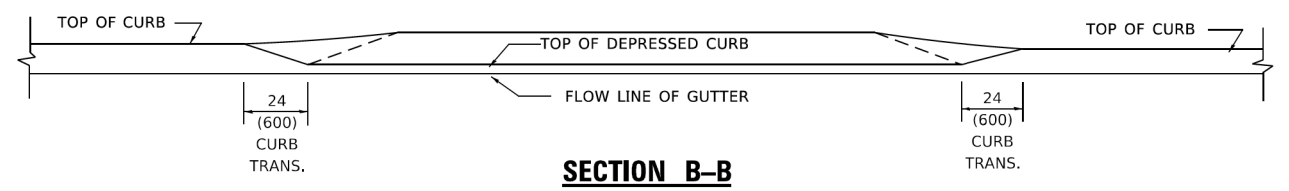
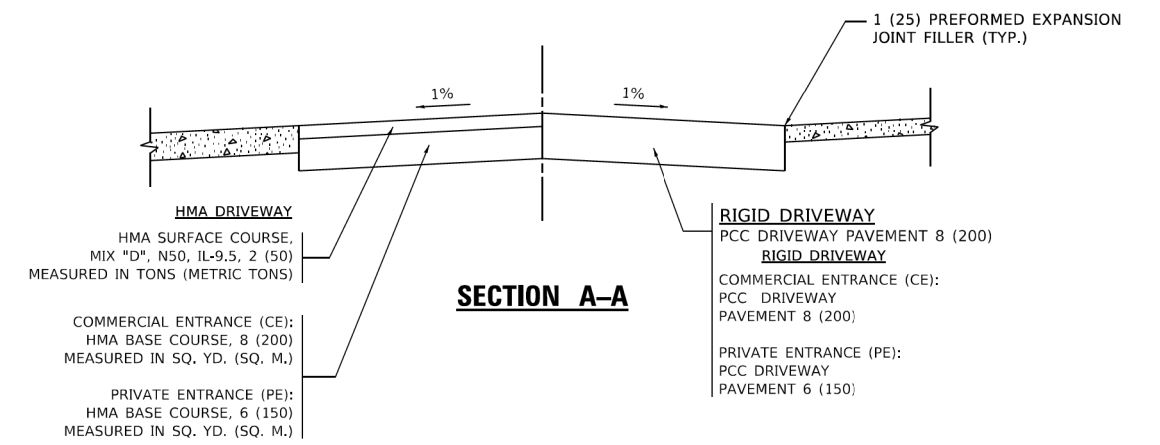
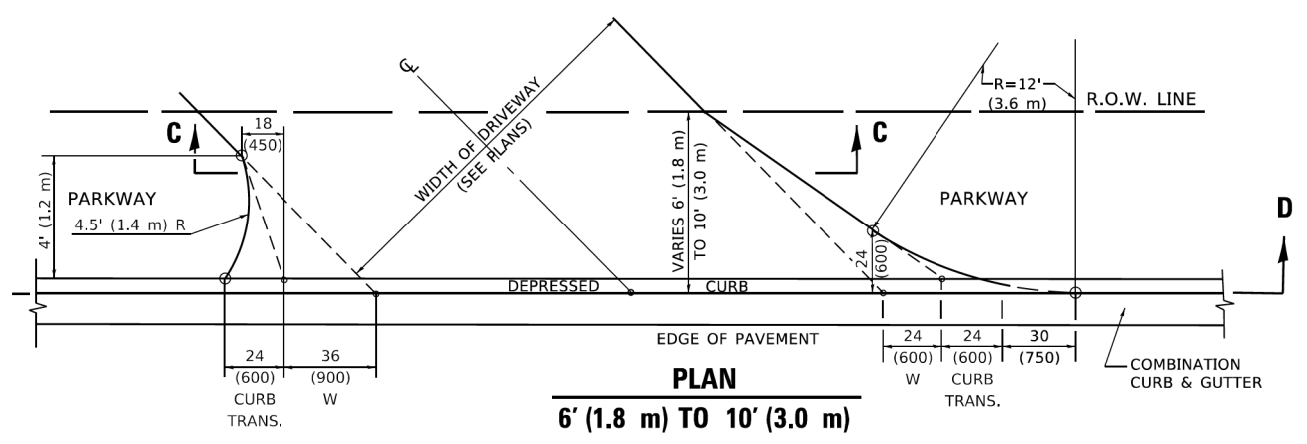
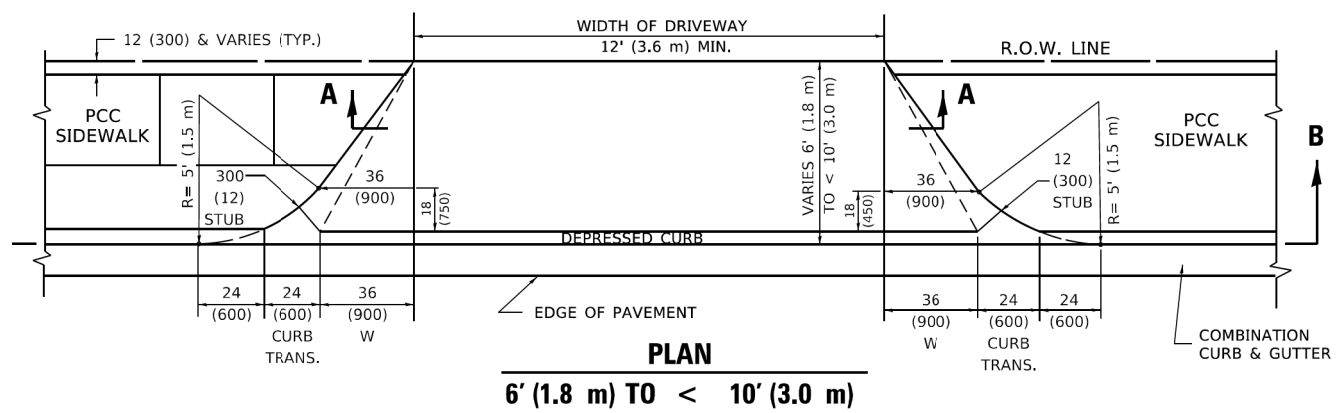
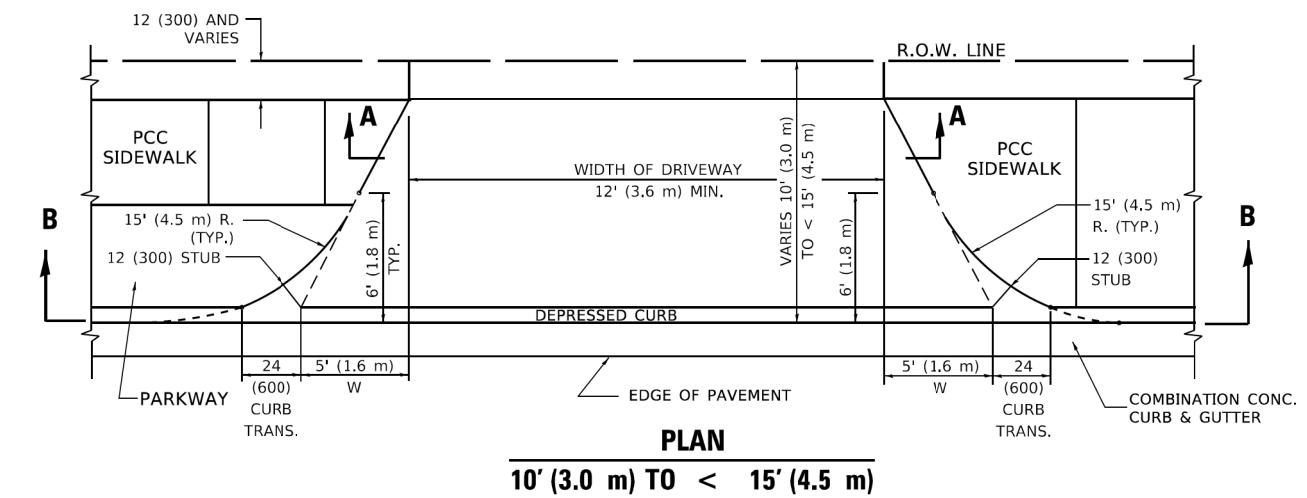
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| FAU RTE.   | SECTION        | COUNTY | TOTAL SHEETS       | SHEET NO. |
| 1397   | 22-00163-00-R5 | DUPAGE | 63                 | 53        |
|  |                |        | CONTRACT NO. 61K57 |           |
| SCALE: SHEET 1 OF 11 SHEETS STA. TO STA. ILLINOIS FED. AID PROJECT |                |        |                    |           |

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| ca:\pw\work\pawid\1eysa\0108315\bd01.dgn | 1eysa       | R. SHAH    | P. LoFLUER 04-15-03 |
|  |             | DRAWN -    | REVISED -           |
|  |             |            | R. BORO 01-01-07    |
|  |             | CHECKED -  | REVISED -           |
|  |             |            | R. BORO 06-11-08    |
|  |             | DATE -     | REVISED -           |
|  |             | 11-04-95   | R. BORO 09-06-11    |

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|  |             | PMM        |           |
|  |             | CHECKED -  | REVISED - |
|  |             | LMF        |           |
|  |             | DATE -     | REVISED - |
|  |             |            |           |

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| DATE                        |  |
| BY                          |  |
| SURVEYED                    |  |
| PLOTTED                     |  |
| GRADES CHECKED              |  |
| ALIGNMENT CHECKED           |  |
| STRUCTURE NOTATIONS CHECKED |  |
| NOTE BOOK NO.               |  |
| FILE NAME                   |  |

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|-----------------------------|--|
| DATE                        |  |
| BY                          |  |
| SURVEYED                    |  |
| PLOTTED                     |  |
| GRADES CHECKED              |  |
| ALIGNMENT CHECKED           |  |
| STRUCTURE NOTATIONS CHECKED |  |
| NOTE BOOK NO.               |  |
| FILE NAME                   |  |



**GENERAL NOTES**

- DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.
- WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE PCC SIDEWALK SHALL EXTEND TO THE BACK OF CURB.
- "W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

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

|                               |                    |                             |
|-------------------------------|--------------------|-----------------------------|
| USER NAME = Lawrence,DeManche | DESIGNED - R. SHAH | REVISED - R. BORO 01-01-07  |
|                               | DRAWN -            | REVISED - R. BORO 09-06-11  |
| PLOT SCALE = 100.0000' / in.  | CHECKED -          | REVISED - K. SMITH 08-27-19 |
| PLOT DATE = 11/18/2022        | DATE - 11-06-95    | REVISED - K. SMITH 11-18-22 |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

| DRIVEWAY DETAILS                                   |                                  |
|--|----------------------------------|
| DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5m) |                                  |
| SCALE: NONE  | SHEET 1 OF 1 SHEETS STA. TO STA. |

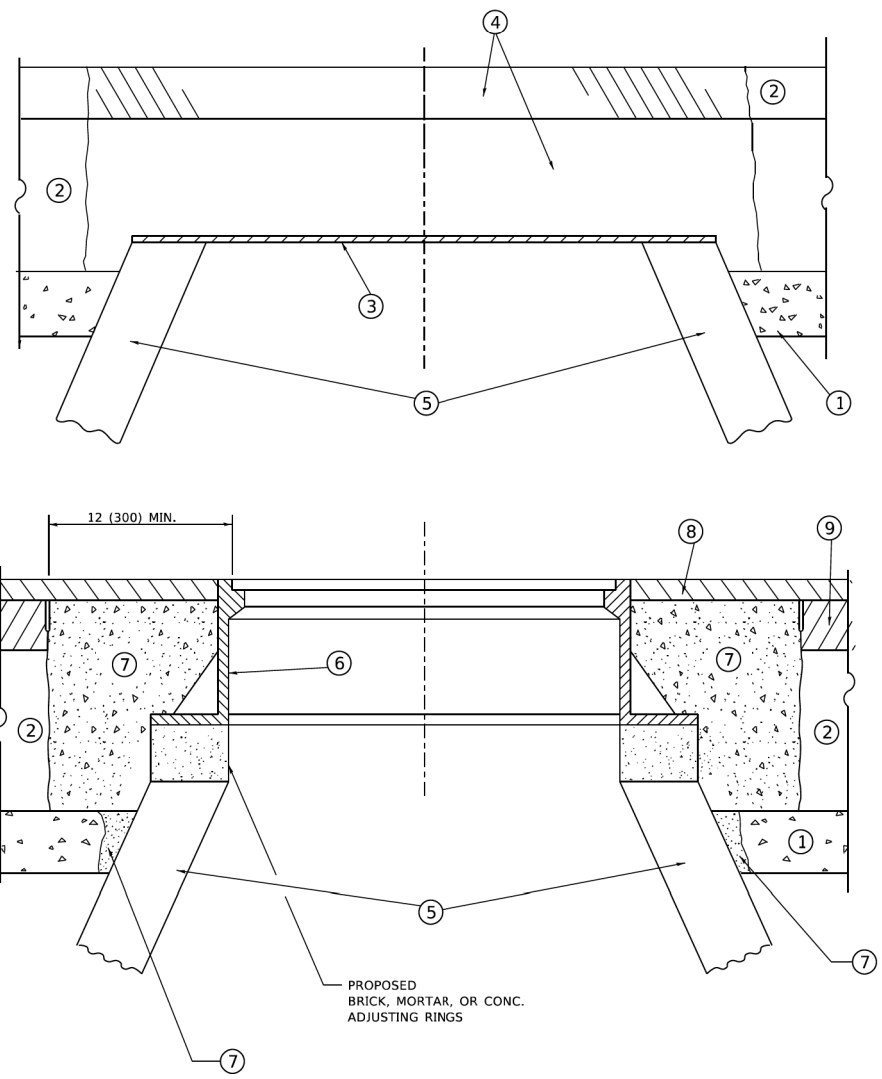
| F.A. RTE.                 | SECTION | COUNTY       | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|--------------|--------------|-----------|
|                           |         |              |              |           |
| BD400-02 (BD-02)          |         | CONTRACT NO. |              |           |
| ILLINOIS FED. AID PROJECT |         |              |              |           |

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|   | PLOT DATE = 5/29/2024 | DATE -         | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

| ST CHARLES ROAD    |                                   |
|--------------------|-----------------------------------|
| DISTRICT 1 DETAILS |                                   |
| SCALE:             | SHEET 2 OF 11 SHEETS STA. TO STA. |

| F.A. RTE.                 | SECTION        | COUNTY             | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------------------|--------------|-----------|
| 1397                      | 22-00163-00-R5 | DUPAGE             | 63           | 54        |
|                           |                | CONTRACT NO. 61K57 |              |           |
| ILLINOIS FED. AID PROJECT |                |                    |              |           |



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

**NOTES**

1. 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.
2. 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.
3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
5. THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

**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 HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).
- 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-2\* 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 MATERIAL                 | ⑥ FRAME AND LID (SEE NOTES)   |
| ② EXISTING PAVEMENT                          | ⑦ CLASS PP-2* CONCRETE        |
| ③ 36 (900) DIAMETER METAL PLATE              | ⑧ PROPOSED HMA SURFACE COURSE |
| ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX | ⑨ PROPOSED HMA BINDER COURSE  |
| ⑤ EXISTING STRUCTURE                         |                               |

**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**

1. 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)."
2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
4. 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.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

MODEL: Defaul  
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|-------------------------------|--------------------|-----------------------------|---|--|---------------------|--------------|-------------------------|---------------------------|--------------|--------------|-----------|
| USER NAME = Lawrence.DeManche | DESIGNED - R. SHAH | REVISED - R. BORO 03-09-11  | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>DETAILS FOR<br/>FRAMES AND LIDS ADJUSTMENT WITH MILLING</b> |                     |              | F.A. RTE.               | SECTION                   | COUNTY       | TOTAL SHEETS | SHEET NO. |
| PLOT SCALE = 100.0000' / In.  | CHECKED -          | REVISED - R. BORO 12-06-11  |   | SCALE: NONE  | SHEET 1 OF 1 SHEETS | STA. TO STA. | <b>BD600-03 (BD-08)</b> |                           | CONTRACT NO. |              |           |
| PLOT DATE = 9/15/2023         | DATE - 10-25-94    | REVISED - K. SMITH 11-18-22 |   |  |                     |              |                         | ILLINOIS FED. AID PROJECT |              |              |           |
|                               |                    | REVISED - K. SMITH 09-15-23 |   |  |                     |              |                         |                           |              |              |           |

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| PLAN          | SURVEYED                     | DATE |
| NOTE BOOK NO. | PLOTTED                      |      |
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| NOTE BOOK NO. | GRADES CHECKED               |      |
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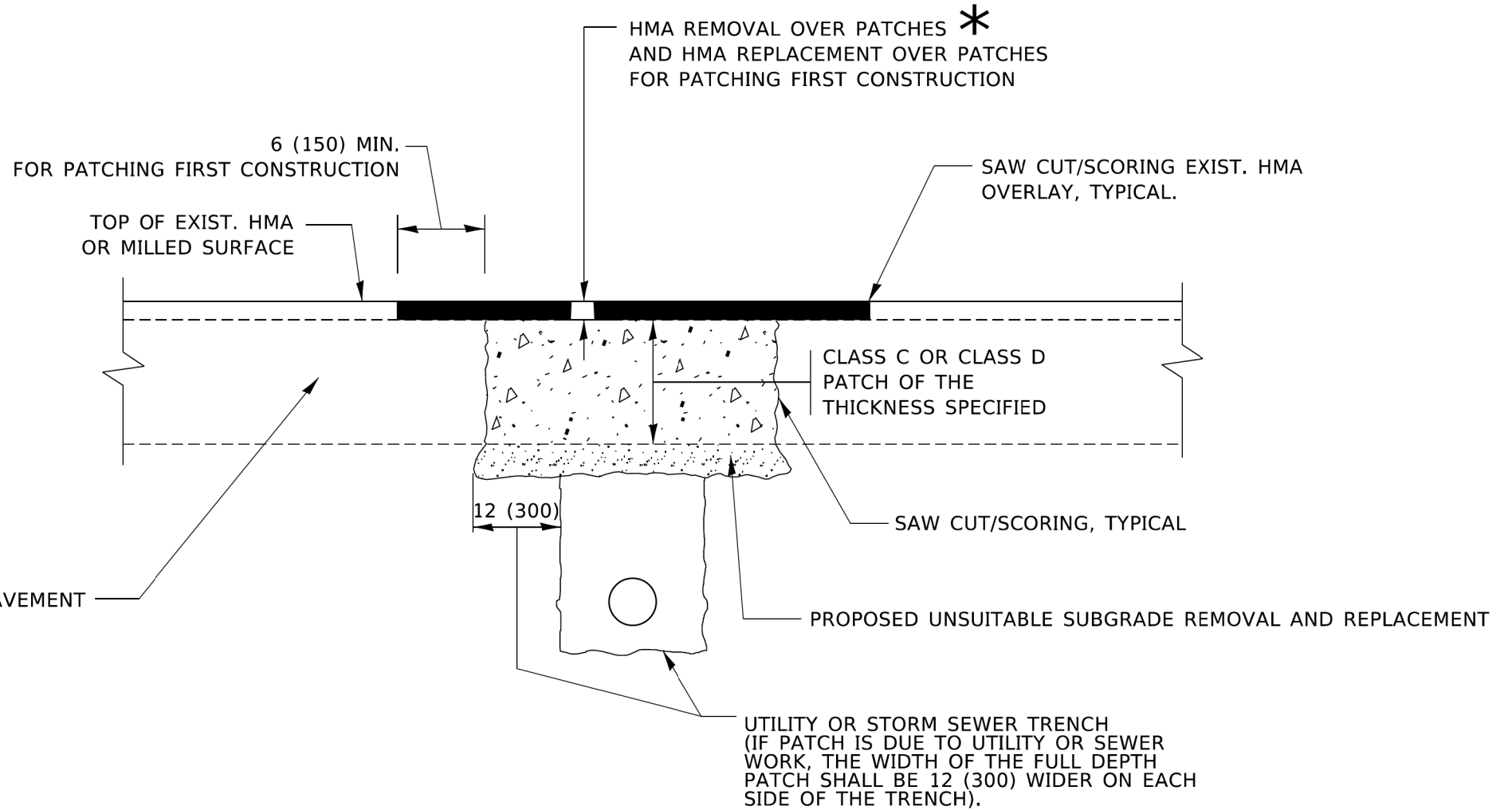
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| Default  |                     | CHECKED - LMF  | REVISED - |   |   |                      |              |           | ILLINOIS FED. AID PROJECT |        | CONTRACT NO. 61K57 |           |
|  |                     | DATE -         | REVISED - |   |   |                      |              |           |                           |        |                    |           |

**METHOD OF MEASUREMENT**

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

**BASIS OF PAYMENT**

1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



**SEQUENCE OF CONSTRUCTION (PATCHING FIRST)**

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

**SEQUENCE OF CONSTRUCTION (MILLING FIRST)**

1. MILL HMA FIRST IF THERE IS AT LEAST 4½ 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 PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

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|      | PLOTTED           |      |
|      | GRADES CHECKED    |      |
|      | ALIGNMENT CHECKED |      |
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| PROFILE | SURVEYED          | DATE |
|         | PLOTTED           |      |
|         | GRADES CHECKED    |      |
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|         | NO.               |      |

|                               |                    |                             |
|-------------------------------|--------------------|-----------------------------|
| USER NAME = Lawrence,DeManche | DESIGNED - R. SHAH | REVISED - R. BORO 01-01-07  |
|                               | DRAWN -            | REVISED - R. BORO 09-04-07  |
| PLOT SCALE = 100,0000' / in.  | CHECKED -          | REVISED - K. ENG 10-27-08   |
| PLOT DATE = 11/18/2022        | DATE - 10-25-94    | REVISED - K. SMITH 11-18-22 |

|   |                                  |
|---|----------------------------------|
| <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> |                                  |
| SCALE: NONE   | SHEET 1 OF 1 SHEETS STA. TO STA. |

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|--|----------------------------------|
| <b>PAVEMENT PATCHING FOR</b><br><b>HMA SURFACED PAVEMENT</b> |                                  |
| SCALE: NONE  | SHEET 1 OF 1 SHEETS STA. TO STA. |

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| F.A. RTE.                 | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|                           |         |        |              |           |
| BD400-04 (BD-22)          |         |        | CONTRACT NO. |           |
| ILLINOIS FED. AID PROJECT |         |        |              |           |

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| Default                                  | PLOT SCALE = 48'      | CHECKED - LMF  | REVISED - |
|  | PLOT DATE = 5/29/2024 | DATE -         | REVISED - |

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| <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> |                                   |
| SCALE:  | SHEET 4 OF 11 SHEETS STA. TO STA. |

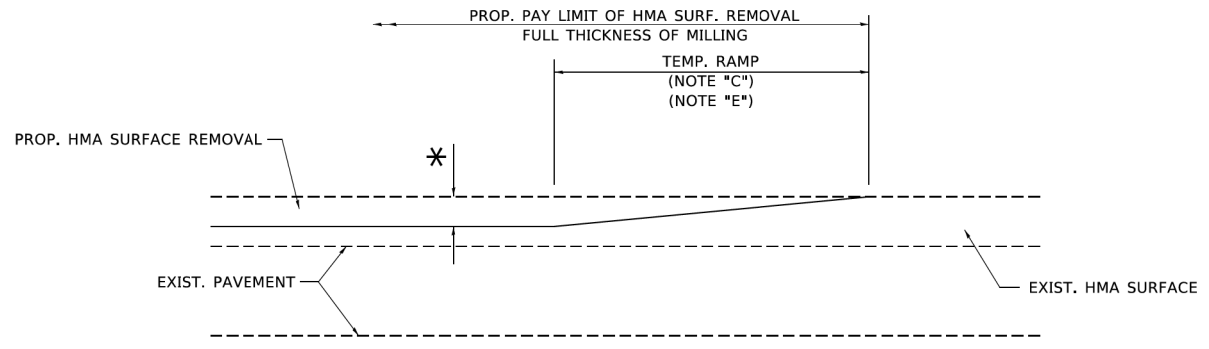
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| <b>ST CHARLES ROAD</b><br><b>DISTRICT 1 DETAILS</b> |                                   |
| SCALE:  | SHEET 4 OF 11 SHEETS STA. TO STA. |

|                    |                |        |                           |           |
|--------------------|----------------|--------|---------------------------|-----------|
| F.A. RTE.          | SECTION        | COUNTY | TOTAL SHEETS              | SHEET NO. |
| 1397               | 22-00163-00-R5 | DUPAGE | 63                        | 56        |
| CONTRACT NO. 61K57 |                |        | ILLINOIS FED. AID PROJECT |           |



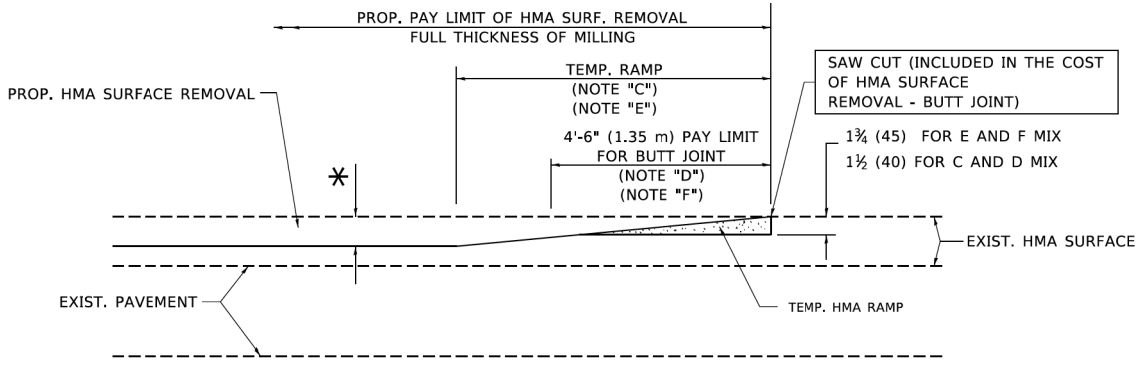
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|      | PLOTTED                      |    |      |
|      | GRADES CHECKED               |    |      |
|      | STRUCTURE NOT AT THIS OFFICE |    |      |
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| PROFILE | SURVEYED                     | BY | DATE |
|         | PLOTTED                      |    |      |
|         | GRADES CHECKED               |    |      |
|         | STRUCTURE NOT AT THIS OFFICE |    |      |
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**MILLED TEMPORARY RAMP**  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

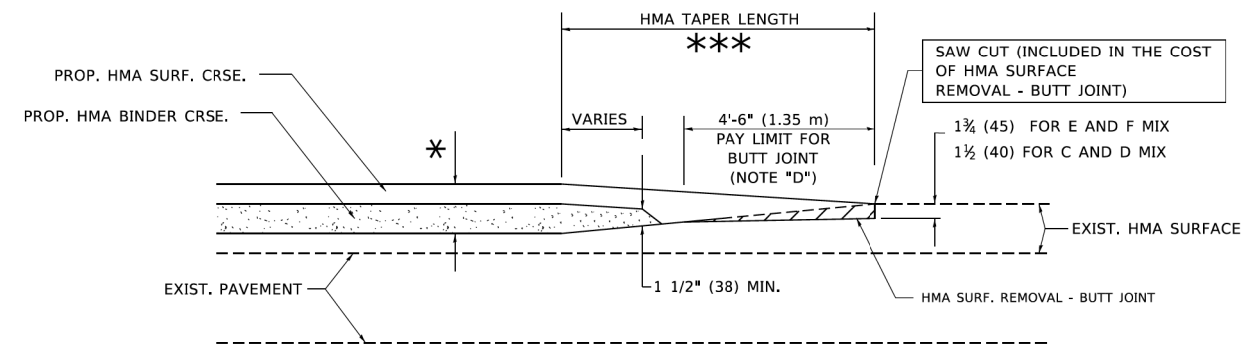
**OPTION 1**



**HMA CONSTRUCTED TEMPORARY RAMP**  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

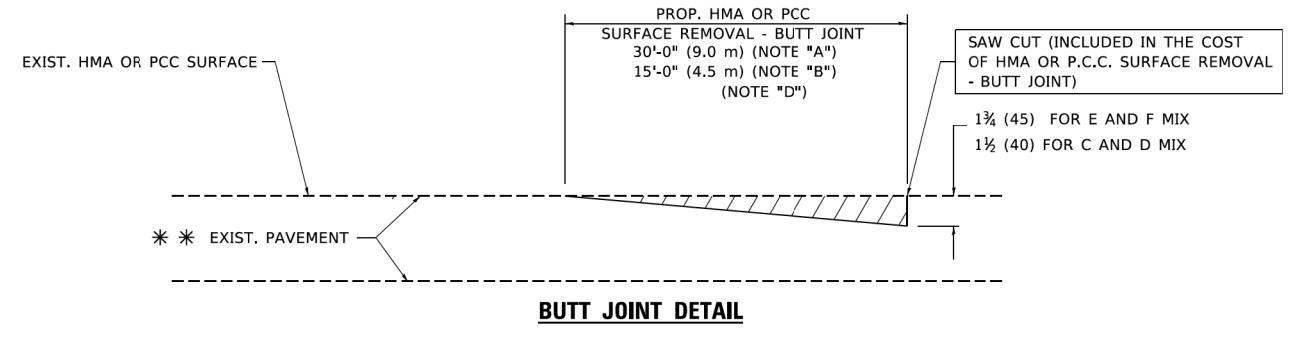
**OPTION 2**

**TYPICAL TEMPORARY RAMP**

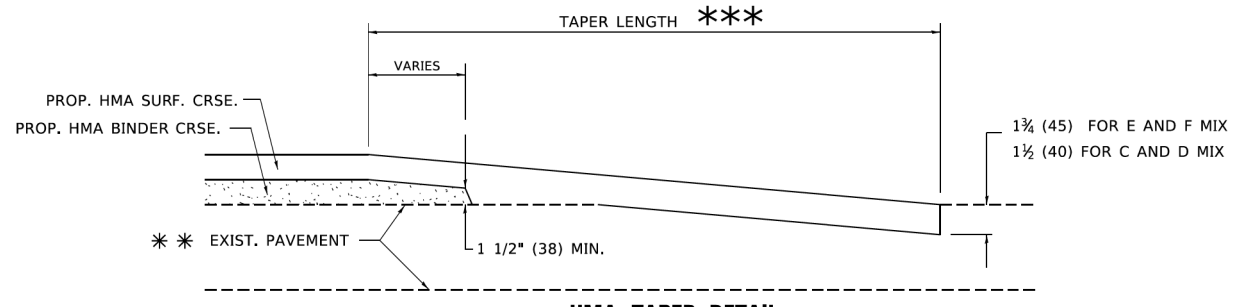


**BUTT JOINT AND HMA TAPER**

**TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING**



**BUTT JOINT DETAIL**



**HMA TAPER DETAIL**

**TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY**

\*\*\* PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

**NOTES**

- A. MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F. INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT.  
\* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- G. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".  
\*\*\* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

**BASIS OF PAYMENT**

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

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

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|------------------------------|-----------------------|-----------------------------|
| USER NAME = footemj          | DESIGNED - M. DE YONG | REVISED - R. SHAH 10-25-94  |
|                              | DRAWN -               | REVISED - A. ABBAS 03-21-97 |
| PLOT SCALE = 50,0000 ' / in. | CHECKED -             | REVISED - M. GOMEZ 04-06-01 |
| PLOT DATE = 3/27/2019        | DATE - 06-13-90       | REVISED - R.BORO 01-01-07   |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND  
HMA TAPER DETAILS**

|             |         |      |        |      |         |           |                      |                  |              |              |
|-------------|---------|------|--------|------|---------|-----------|----------------------|------------------|--------------|--------------|
| SCALE: NONE | SHEET 1 | OF 1 | SHEETS | STA. | TO STA. | F.A. RTE. | SECTION              | COUNTY           | TOTAL SHEETS | SHEET NO.    |
|             |         |      |        |      |         |           | <b>BD400-05 BD32</b> |                  |              | CONTRACT NO. |
|             |         |      |        |      |         |           | ILLINOIS             | FED. AID PROJECT |              |              |

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|--|-----------------------|----------------|-----------|
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|  | PLOT DATE = 5/29/2024 | DATE -         | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ST CHARLES ROAD  
DISTRICT 1 DETAILS**

|        |         |       |        |      |         |           |                |                  |              |                    |
|--------|---------|-------|--------|------|---------|-----------|----------------|------------------|--------------|--------------------|
| SCALE: | SHEET 5 | OF 11 | SHEETS | STA. | TO STA. | F.A. RTE. | SECTION        | COUNTY           | TOTAL SHEETS | SHEET NO.          |
|        |         |       |        |      |         | 1397      | 22-00163-00-R5 | DUPAGE           | 63           | 57                 |
|        |         |       |        |      |         |           |                |                  |              | CONTRACT NO. 61K57 |
|        |         |       |        |      |         |           | ILLINOIS       | FED. AID PROJECT |              |                    |

|      |                              |    |      |
|------|------------------------------|----|------|
| PLAN | SURVEYED                     | BY | DATE |
|      | PLOTTED                      |    |      |
|      | GRADES CHECKED               |    |      |
|      | ALIGNMENT CHECKED            |    |      |
|      | STRUCTURE NOT AT THIS OFFICE |    |      |
|      | NOTE BOOK NO.                |    |      |
|      | FILE NAME                    |    |      |

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|---------|------------------------------|----|------|
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|         | PLOTTED                      |    |      |
|         | GRADES CHECKED               |    |      |
|         | ALIGNMENT CHECKED            |    |      |
|         | STRUCTURE NOT AT THIS OFFICE |    |      |
|         | NOTE BOOK NO.                |    |      |
|         | FILE NAME                    |    |      |

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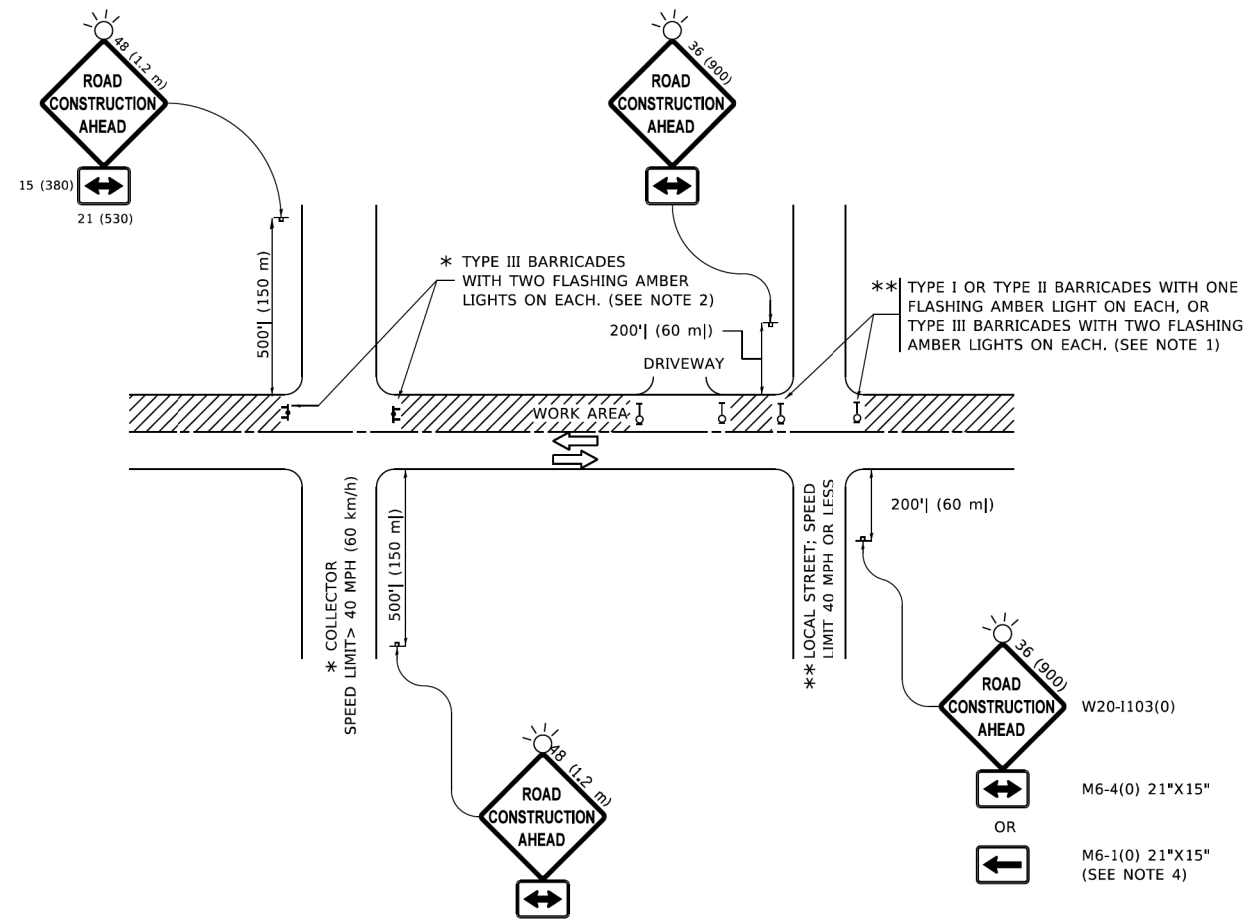
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| USER NAME = Lawrence.DeManche | DESIGNED - L.H.A. | REVISED - T. RAMMACHER 01-06-00 |
| PLOT SCALE = 100.0000' / in.  | CHECKED -         | REVISED - A. SCHUETZE 07-01-13  |
| PLOT DATE = 5/3/2024          | DATE - 06-89      | REVISED - A. SCHUETZE 09-15-16  |
|                               |                   | REVISED - D. SENDERAK 05-03-24  |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION FOR  
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

|                           |         |              |              |           |
|---------------------------|---------|--------------|--------------|-----------|
| F.A. RTE.                 | SECTION | COUNTY       | TOTAL SHEETS | SHEET NO. |
|                           |         |              |              |           |
| TC-10                     |         | CONTRACT NO. |              |           |
| ILLINOIS FED. AID PROJECT |         |              |              |           |

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.



**NOTES:**

- 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:
  - 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.
  - 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.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
  - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 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.
- SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- 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.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- 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 dimensions are in inches (millimeters) unless otherwise shown.

|  |                       |                |           |
|--|-----------------------|----------------|-----------|
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|  | PLOT DATE = 5/29/2024 | DATE -         | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

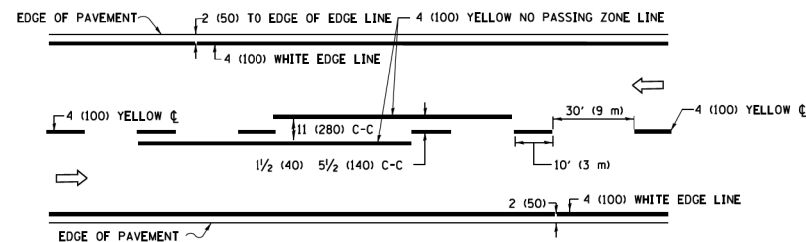
**ST CHARLES ROAD  
DISTRICT 1 DETAILS**

|                           |                |                    |              |           |
|---------------------------|----------------|--------------------|--------------|-----------|
| F.A. RTE.                 | SECTION        | COUNTY             | TOTAL SHEETS | SHEET NO. |
| 1397                      | 22-00163-00-R5 | DUPAGE             | 63           | 58        |
|                           |                | CONTRACT NO. 61K57 |              |           |
| ILLINOIS FED. AID PROJECT |                |                    |              |           |

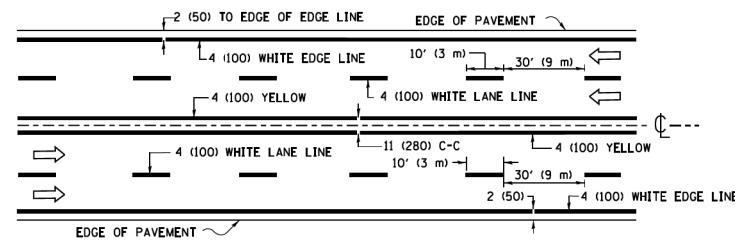
SCALE: SHEET 6 OF 11 SHEETS STA. TO STA.

|         |  |
|---------|--|
| DATE    |  |
| BY      |  |
| PLAN    |  |
| NO.     |  |
| DATE    |  |
| BY      |  |
| PROFILE |  |
| NO.     |  |
| DATE    |  |
| BY      |  |

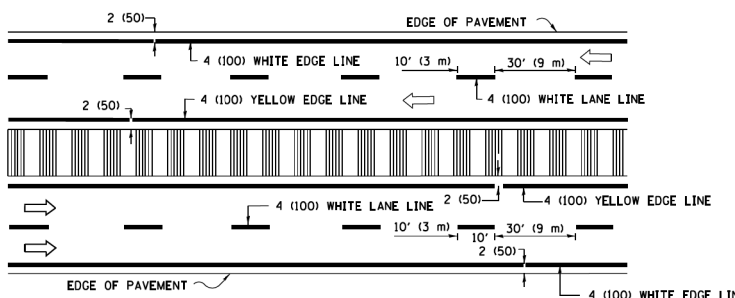
|         |  |
|---------|--|
| DATE    |  |
| BY      |  |
| PROFILE |  |
| NO.     |  |
| DATE    |  |
| BY      |  |



**2-LANE ROADWAY**

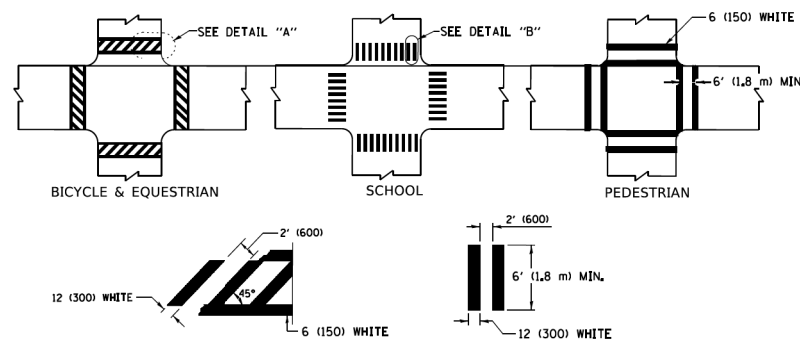


**MULTI-LANE UNDIVIDED**



**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

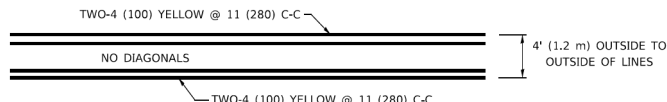


**DETAIL "A"**

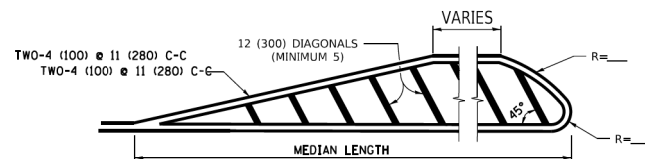
**DETAIL "B"**

**TYPICAL CROSSWALK MARKING**

\* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

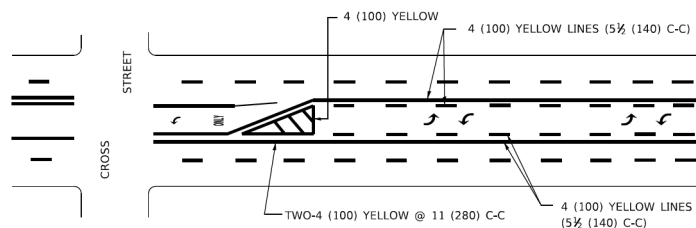


**4' (1.2 m) WIDE MEDIANS ONLY**



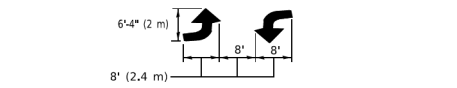
**MEDIANS OVER 4' (1.2 m) WIDE**

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))  
75' (23 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)  
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))



**MEDIAN WITH TWO-WAY LEFT TURN LANE**

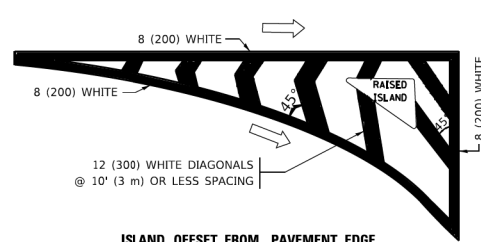
**TYPICAL PAINTED MEDIAN MARKING**



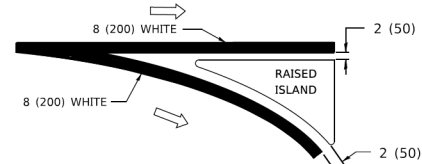
**TYPICAL LEFT (OR RIGHT) TURN LANE**

**TYPICAL TURN LANE MARKING**

FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)  
\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

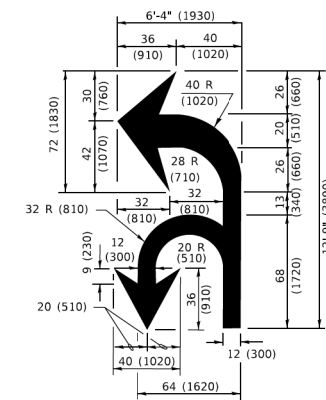


**ISLAND OFFSET FROM PAVEMENT EDGE**

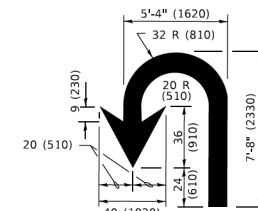


**ISLAND AT PAVEMENT EDGE**

**TYPICAL ISLAND MARKING**



**COMBINATION LEFT AND U-TURN**



**U-TURN**

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

| D(FT) | SPEED LIMIT |
|-------|-------------|
| 345   | 30          |
| 425   | 35          |
| 500   | 40          |
| 580   | 45          |
| 665   | 50          |
| 750   | 55          |

| TYPE OF MARKING   | WIDTH OF LINE  | PATTERN                         | COLOR   | SPACING / REMARKS   |
|---|--|---------------------------------|---|---|
| CENTERLINE ON 2 LANE PAVEMENT   | 4 (100)  | SKIP-DASH                       | YELLOW  | 10' (3 m) LINE WITH 30' (9 m) SPACE   |
| CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT   | 2 @ 4 (100)  | SOLID                           | YELLOW  | 11 (280) C-C  |
| NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS                                      | 4 (100)<br>2 @ 4 (100)   | SOLID<br>SOLID                  | YELLOW<br>YELLOW  | 5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE<br>11 (280) C-C<br>OMIT SKIP-DASH CENTERLINE BETWEEN  |
| LANE LINES  | 4 (100)<br>5 (125) ON FREEWAYS   | SKIP-DASH<br>SKIP-DASH          | WHITE<br>WHITE  | 10' (3 m) LINE WITH 30' (9 m) SPACE   |
| DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)                                   | SAME AS LINE BEING EXTENDED  | SKIP-DASH                       | SAME AS LINE BEING EXTENDED                             | 2' (600) LINE WITH 6' (1.8 m) SPACE   |
| EDGE LINES  | 4 (100)  | SOLID                           | YELLOW-LEFT<br>WHITE-RIGHT                              | OUTLINE MEDIANS IN YELLOW   |
| TURN LANE MARKINGS  | 6 (150) LINE: FULL SIZE LETTERS & SYMBOLS 8' (2.4m)  | SOLID                           | WHITE   | SEE TYPICAL TURN LANE MARKING DETAIL  |
| TWO WAY LEFT TURN MARKING   | 2 @ 4 (100) EACH DIRECTION<br>8' (2.4m) LEFT ARROW   | SKIP-DASH AND SOLID<br>IN PAIRS | YELLOW<br>WHITE   | 10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE<br>SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL            |
| CROSSWALK LINES (PEDESTRIAN)<br>A. DIAGONALS (BIKE & EQUESTRIAN)<br>B. LONGITUDINAL BARS (SCHOOL) | 2 @ 6 (150)<br>12 (300) @ 45°<br>12 (300) @ 90°  | SOLID<br>SOLID<br>SOLID         | WHITE<br>WHITE<br>WHITE                                 | NOT LESS THAN 6' (1.8 m) APART<br>2' (600) APART<br>SEE TYPICAL CROSSWALK MARKING DETAILS.  |
| STOP LINES  | 24 (600)   | SOLID                           | WHITE   | PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK. IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE. |
| PAINTED MEDIANS   | 2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45°<br>NO DIAGONALS USED FOR 4' (1.2 m) WIDE 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.   |
| GORE MARKING AND CHANNELIZING LINES   | 8 (200) WITH 12 (300) DIAGONALS @ 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))               |
| RAILROAD CROSSING   | 24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"               | SOLID                           | WHITE   | SEE STATE STANDARD 780001<br>AREA OF:<br>"R"=3.6 SQ. FT. (0.33 m <sup>2</sup> ) EACH<br>"X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )                                      |
| SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')  | 12 (300) @ 45°   | SOLID                           | WHITE - RIGHT<br>YELLOW - LEFT                          | 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))<br>75' (23 m) C-C 30 MPH (50 km/h) TO 45MPH (70 km/h)<br>150' (45 m) C-C (OVER 45MPH (70 km/h))                          |
| U TURN ARROW  | SEE DETAIL   | SOLID                           | WHITE   | 16.3 SF   |
| 2 ARROW COMBINATION LEFT AND U TURN   | SEE DETAIL   | SOLID                           | WHITE   | 30.4 SF   |

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

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|                             |                  |                              |
|-----------------------------|------------------|------------------------------|
| USER NAME = footemj         | DESIGNED - EVERS | REVISED - C. JUCIUS 09-09-09 |
| PLOT SCALE = 50.0000' / in. | DRAWN -          | REVISED - C. JUCIUS 07-01-13 |
| PLOT DATE = 3/4/2019        | CHECKED -        | REVISED - C. JUCIUS 12-21-15 |
|                             | DATE - 03-19-90  | REVISED - C. JUCIUS 04-12-16 |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE  
TYPICAL PAVEMENT MARKINGS**

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

|           |         |        |              |                  |
|-----------|---------|--------|--------------|------------------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO.        |
|           | TC-13   |        |              |                  |
| ILLINOIS  |         |        |              | FED. AID PROJECT |

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USER NAME: sipotel  
PLOT SCALE: 48'  
PLOT DATE: 5/29/2024

|                |           |
|----------------|-----------|
| DESIGNED - VMR | REVISED - |
| DRAWN - PMM    | REVISED - |
| CHECKED - LMF  | REVISED - |
| DATE -         | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

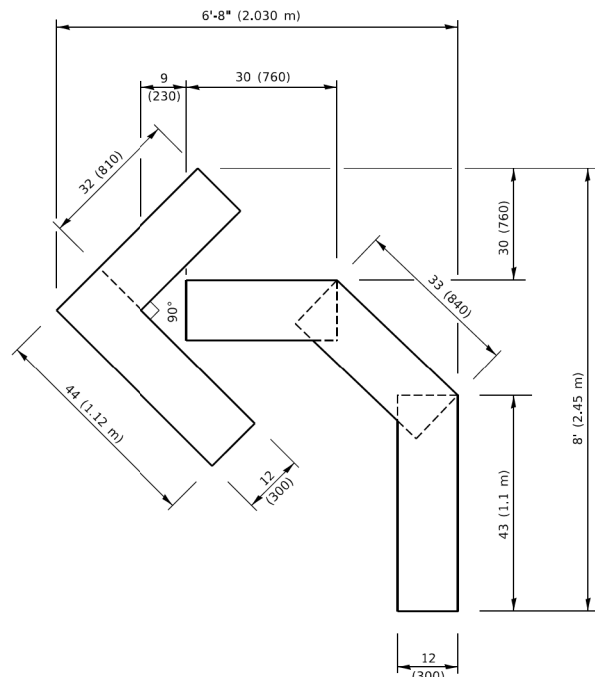
**ST CHARLES ROAD  
DISTRICT 1 DETAILS**

SCALE: SHEET 7 OF 11 SHEETS STA. TO STA.

|          |                |        |              |                    |
|----------|----------------|--------|--------------|--------------------|
| FAU RTE. | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO.          |
| 1397     | 22-00163-00-RS | DUPAGE | 63           | 59                 |
| ILLINOIS |                |        |              | FED. AID PROJECT   |
|          |                |        |              | CONTRACT NO. 61K57 |

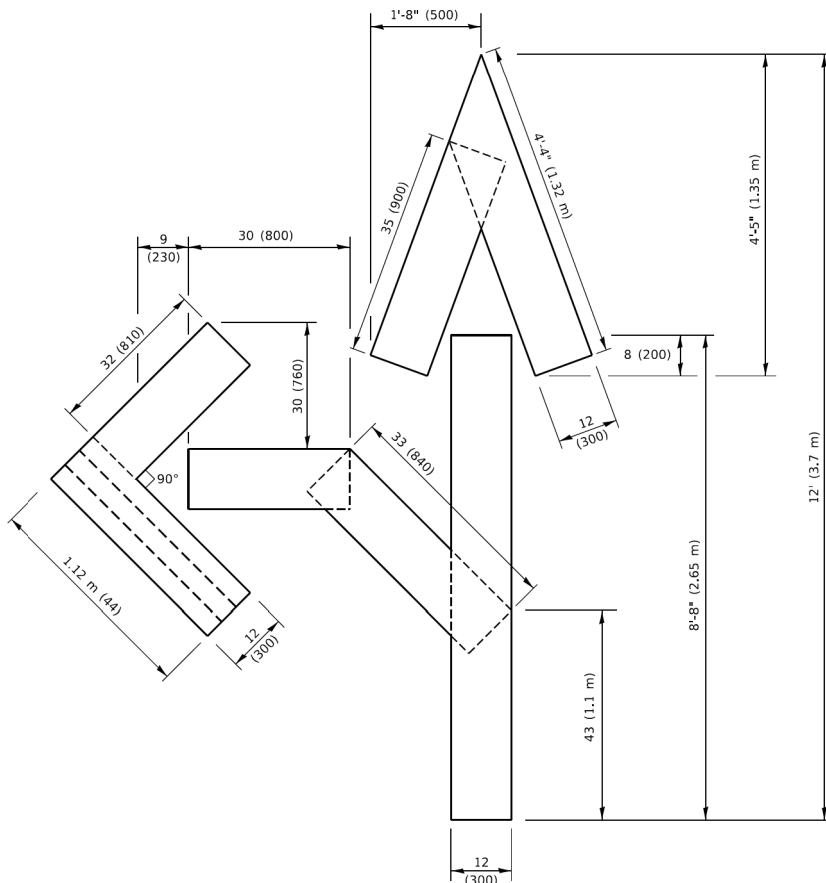
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| PLAN | SURVEYED          | BY | DATE |
|      | PLOTTED           |    |      |
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|      | NOTE BOOK         |    |      |
|      | NO.               |    |      |
|      | CADD FILE NAME    |    |      |

|         |                              |    |      |
|---------|------------------------------|----|------|
| PROFILE | SURVEYED                     | BY | DATE |
|         | PLOTTED                      |    |      |
|         | GRADES CHECKED               |    |      |
|         | NOTE BOOK                    |    |      |
|         | NO.                          |    |      |
|         | STRUCTURE NOT AT THIS OFFICE |    |      |



**QUANTITY**

4 (100) LINE = 45.5 ft. (13.9 m)  
15.2 sq. ft. (1.41 sq. m)

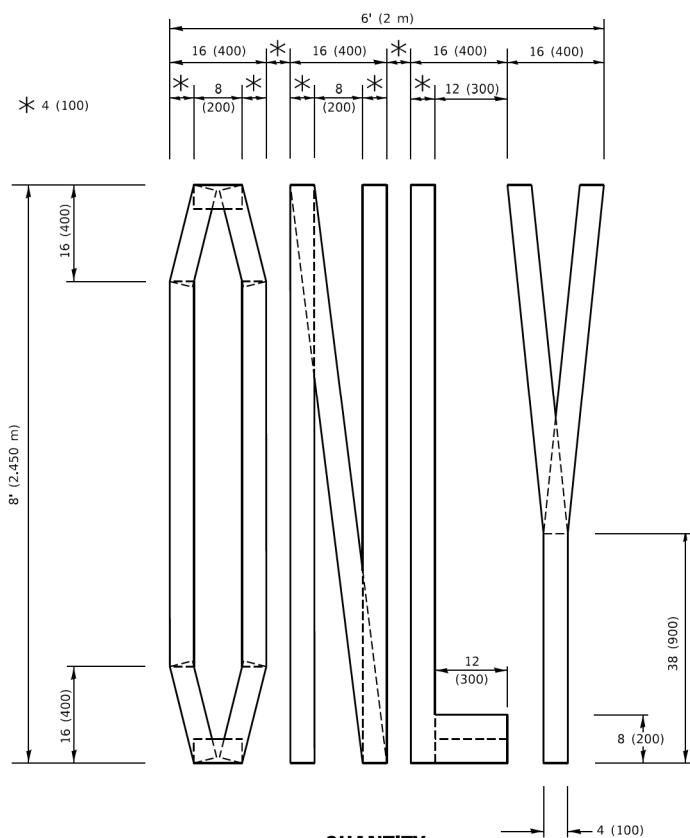


**QUANTITY**

4 (100) LINE = 82.5 ft. (25.1 m)  
27.5 sq. ft. (2.53 sq. m)

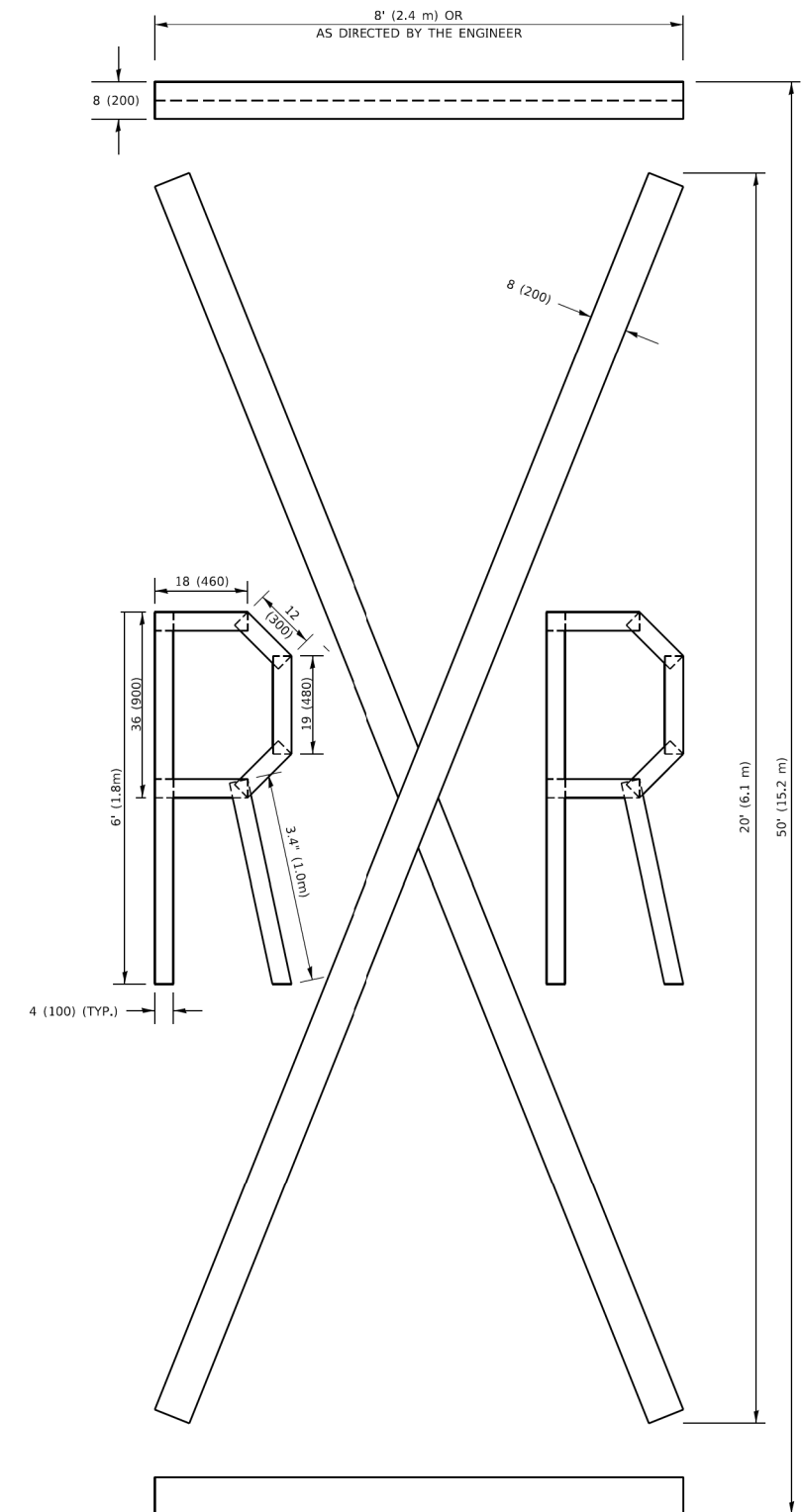
**NOTE:**

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



**QUANTITY**

4 (100) LINE = 64.1 ft. (19.5 m)  
21.4 sq. ft. (1.99 sq. m)



**QUANTITY**

4 (100) LINE = 225.9 ft. (68.9 m)  
75.3 sq. ft. (6.99 sq. m)

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

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|                              |                 |                                 |
|------------------------------|-----------------|---------------------------------|
| USER NAME = footemj          | DESIGNED -      | REVISED - T. RAMMACHER 03-02-98 |
| PLOT SCALE = 50.0068 ' / in. | DRAWN -         | REVISED - E. GOMEZ 08-28-00     |
| PLOT DATE = 3/4/2019         | CHECKED -       | REVISED - E. GOMEZ 08-28-00     |
|                              | DATE - 09-18-94 | REVISED - A. SCHUETZE 09-15-16  |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

| F.A. RTE.                 | SECTION | COUNTY | TOTAL SHEETS | SHEET NO.    |
|---------------------------|---------|--------|--------------|--------------|
|                           |         |        |              |              |
| TC-16                     |         |        |              | CONTRACT NO. |
| ILLINOIS FED. AID PROJECT |         |        |              |              |

FILE NAME =  
N:\Lombard\210413\Civil\0161K57-0-1DET TC16\_08.dgn

USER NAME = sipotel  
PLOT SCALE = 43'  
PLOT DATE = 5/29/2024

DESIGNED - VMR  
DRAWN - PMM  
CHECKED - LMF  
DATE -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ST CHARLES ROAD  
DISTRICT 1 DETAILS**

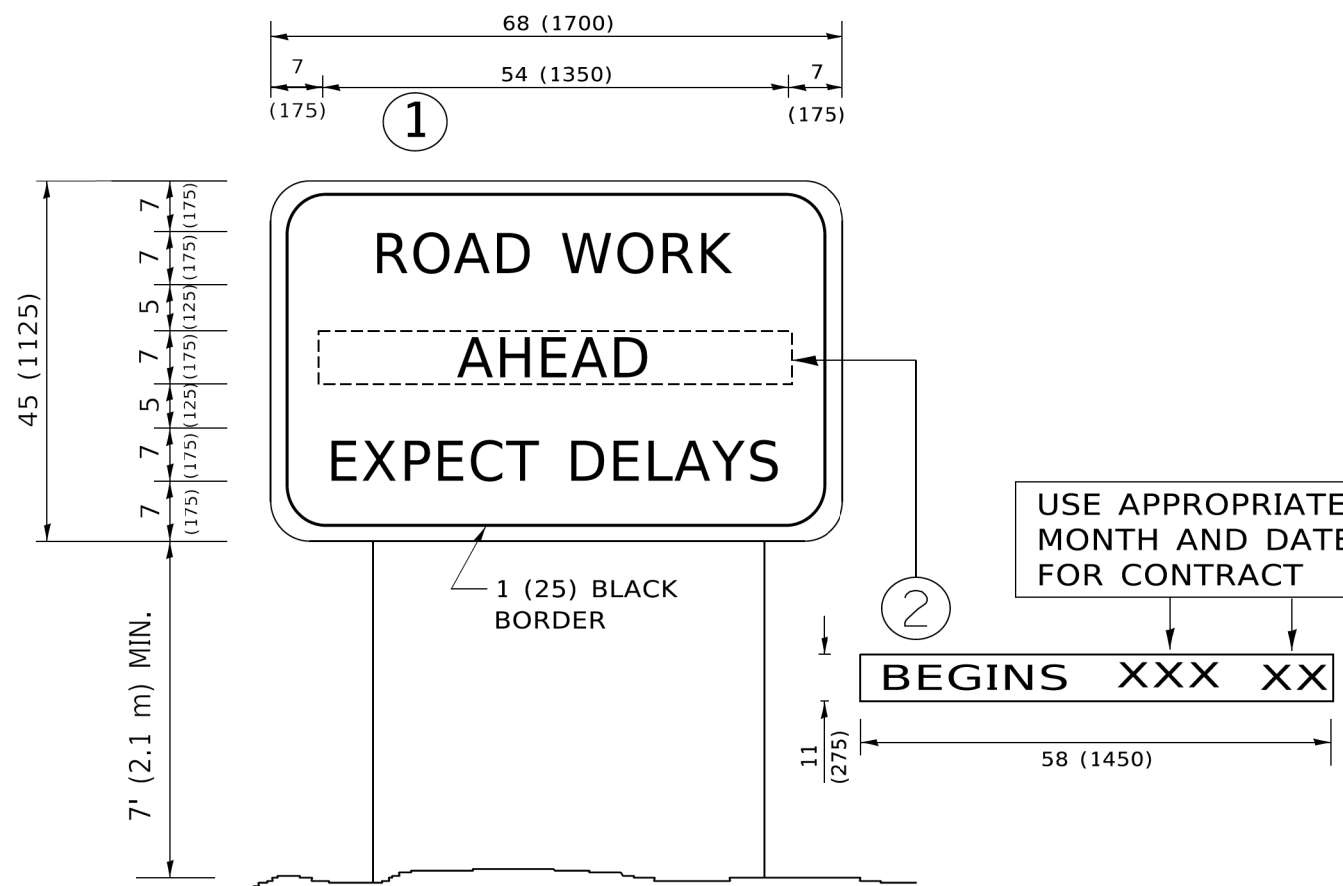
SCALE: SHEET 8 OF 11 SHEETS STA. TO STA.

| F.A. RTE.                 | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 1397                      | 22-00163-00-R5 | DUPAGE | 63           | 60        |
| CONTRACT NO. 61K57        |                |        |              |           |
| ILLINOIS FED. AID PROJECT |                |        |              |           |

|      |               |         |           |
|------|---------------|---------|-----------|
| PLAN | SURVEYED      | BY      | DATE      |
|      | PLOTTED       |         |           |
|      | NOTE BOOK NO. | CHECKED | FILE NAME |

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| PROFILE | SURVEYED      | BY      | DATE      |
|         | PLOTTED       |         |           |
|         | NOTE BOOK NO. | CHECKED | FILE NAME |

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**NOTES:**

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

|                             |            |                                 |
|-----------------------------|------------|---------------------------------|
| USER NAME = footemj         | DESIGNED - | REVISED - R. MIRS 09-15-97      |
|                             | DRAWN -    | REVISED - R. MIRS 12-11-97      |
| PLOT SCALE = 50.0000' / In. | CHECKED -  | REVISED - T. RAMMACHER 02-02-99 |
| PLOT DATE = 3/4/2019        | DATE -     | REVISED - C. JUCIUS 01-31-07    |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD  
INFORMATION SIGN**

| F.A. RTE. | SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------|---------------------------|--------|--------------|-----------|
|           | TC-22                     |        |              |           |
|           | CONTRACT NO.              |        |              |           |
|           | ILLINOIS FED. AID PROJECT |        |              |           |

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

|                                       |                     |                |           |
|---------------------------------------|---------------------|----------------|-----------|
| FILE NAME =                           | USER NAME = sipatel | DESIGNED - VMR | REVISED - |
| N:\Lombard\210413\Cv1\1D161K57-D-IDET | 22_09.dgn           | DRAWN - PMM    | REVISED - |
| Default                               |                     | CHECKED - LMF  | REVISED - |
|                                       |                     | DATE -         | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

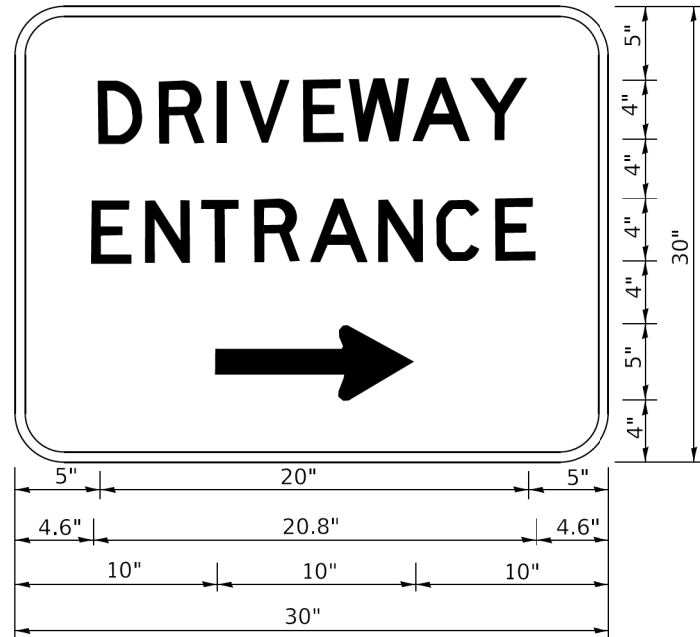
**ST CHARLES ROAD  
DISTRICT 1 DETAILS**

| F.A. RTE. | SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------|---------------------------|--------|--------------|-----------|
| 1397      | 22-00163-00-R5            | DUPAGE | 63           | 61        |
|           | CONTRACT NO. 61K57        |        |              |           |
|           | ILLINOIS FED. AID PROJECT |        |              |           |

SCALE: SHEET 9 OF 11 SHEETS STA. TO STA.

|               |           |    |      |
|---------------|-----------|----|------|
| PLAN          | SURVEYED  | BY | DATE |
| NOTE BOOK NO. | PLOTTED   |    |      |
|               | CHECKED   |    |      |
|               | ALIGNMENT |    |      |
|               | FILE NAME |    |      |

|               |                    |    |      |
|---------------|--------------------|----|------|
| PROFILE       | SURVEYED           | BY | DATE |
| NOTE BOOK NO. | PLOTTED            |    |      |
|               | CHECKED            |    |      |
|               | GRADES             |    |      |
|               | STRUCTURE          |    |      |
|               | NOT AT THIS OFFICE |    |      |



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".

MODEL: Default  
 FILE NAME: p:\planningroom\dot\illinois\gpc\HWIDOT\Documents\DOT\_Offices\District\_1\Projects\Dist1\Stg22\31\CAD\Drawn\CADshets\TC26.dgn

|                              |            |                              |
|------------------------------|------------|------------------------------|
| USER NAME = leysa            | DESIGNED - | REVISED - C. JUCIUS 02-15-07 |
|                              | DRAWN -    | REVISED -                    |
| PLOT SCALE = 50.0000 ' / in. | CHECKED -  | REVISED -                    |
| PLOT DATE = 8/6/2023         | DATE -     | REVISED -                    |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRIVEWAY ENTRANCE SIGNING**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

| F.A. RTE.                 | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|--------|--------------|-----------|
|                           |         |        |              |           |
| TC-26                     |         |        | CONTRACT NO. |           |
| ILLINOIS FED. AID PROJECT |         |        |              |           |

FILE NAME =  
 N:\Lombard\210413\Civil\0161K57-0-1DET T

|                       |                |           |
|-----------------------|----------------|-----------|
| USER NAME = sipatel   | DESIGNED - VMR | REVISED - |
|                       | DRAWN - PMM    | REVISED - |
| PLOT SCALE = 2'       | CHECKED - LMF  | REVISED - |
| PLOT DATE = 5/29/2024 | DATE -         | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ST CHARLES ROAD  
 DISTRICT 1 DETAILS**

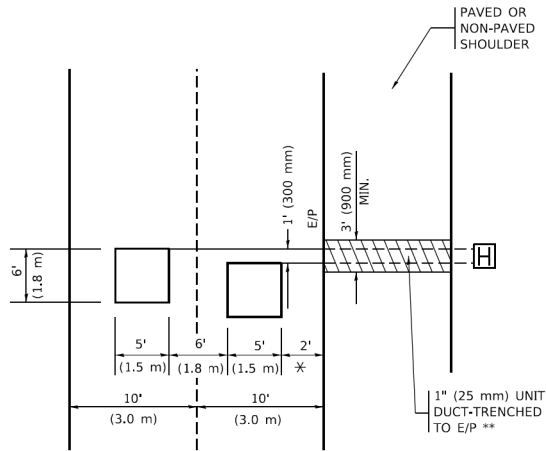
SCALE: SHEET 10 OF 11 SHEETS STA. TO STA.

| F.A. RTE.                 | SECTION        | COUNTY | TOTAL SHEETS       | SHEET NO. |
|---------------------------|----------------|--------|--------------------|-----------|
| 1397                      | 22-00163-00-R5 | DUPAGE | 63                 | 62        |
|                           |                |        | CONTRACT NO. 61K57 |           |
| ILLINOIS FED. AID PROJECT |                |        |                    |           |

|      |                    |      |
|------|--------------------|------|
| PLAN | SURVEYED           | DATE |
|      | PLOTTED            |      |
|      | GRADES CHECKED     |      |
|      | STRUCTURE          |      |
|      | NOT AT THIS OFFICE |      |
|      | NO. _____          |      |

**LOOPS NEXT TO SHOULDERS**

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.



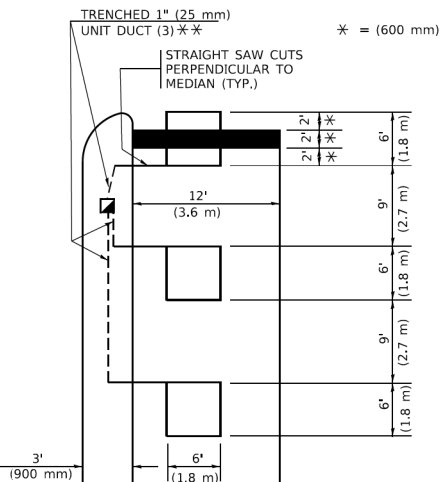
\* = (600 mm)

\*\* UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

**LEFT TURN LANES WITH MEDIANS**

VOLUME DENSITY ("FAR OUT" DETECTION)  
ON SAME APPROACH  
(PROTECTED / PERMITTED LEFT TURN PHASING)

HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.



\* = (600 mm)

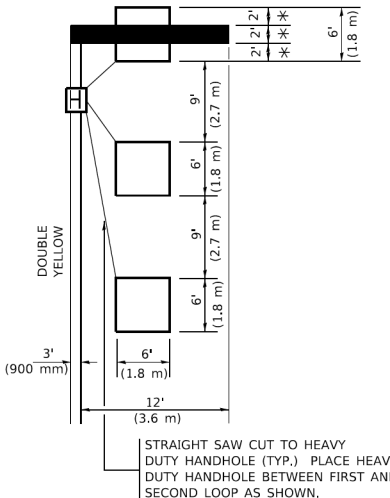
\*\* UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**LEFT TURN LANES WITHOUT MEDIANS**

VOLUME DENSITY ("FAR OUT" DETECTION)  
ON SAME APPROACH  
(PROTECTED / PERMITTED LEFT TURN PHASING)

\* = (600 mm)



NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

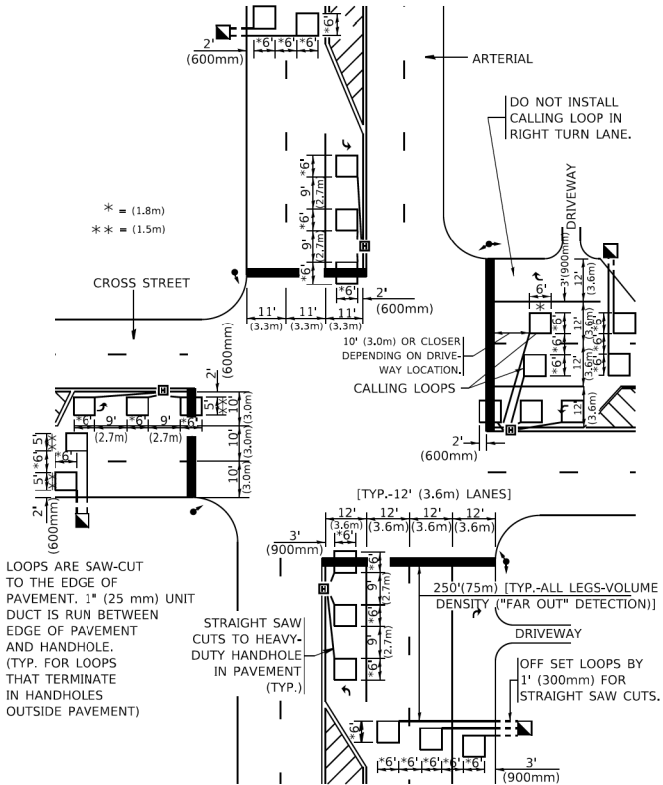
NOTES:

VEHICLES LOOP DETECTORS

- \* ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- \* 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 SEPARATELY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- \* ONE DIMENSION OF ALL 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, MORE 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. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE 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.

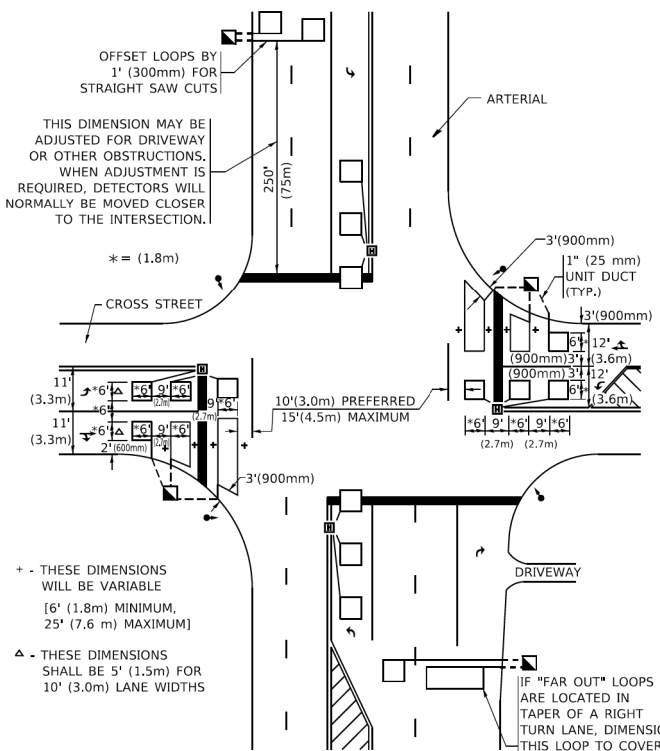
|         |                    |      |
|---------|--------------------|------|
| PROFILE | SURVEYED           | DATE |
|         | PLOTTED            |      |
|         | GRADES CHECKED     |      |
|         | STRUCTURE          |      |
|         | NOT AT THIS OFFICE |      |
|         | NO. _____          |      |

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)  
CROSS STREET-NON VOLUME DENSITY ("FAR OUT" DETECTION)



**DETAIL 1**  
N.T.S.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)  
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)



**DETAIL 2**  
N.T.S.

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 DIMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL 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.

MODEL: Default  
FILE NAME: pxw:\ILL08\HEBID\INTEG\_ILL\roads\pww\work\Documents\DOT\_Office\enr\District\_1\Projects\DIST1022\2214\CAD\DA\CAD\Sheet1107.dgn

|                             |                  |           |
|-----------------------------|------------------|-----------|
| USER NAME = footem]         | DESIGNED -       | REVISED - |
| PLOT SCALE = 50.0000' / in. | DRAWN -          | REVISED - |
| PLOT DATE = 3/4/2019        | CHECKED - R,K,F. | REVISED - |
|                             | DATE -           | REVISED - |

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DISTRICT 1 - DETECTOR LOOP INSTALLATION**  
**DETAILS FOR ROADWAY RESURFACING**

|             |         |        |                     |              |
|-------------|---------|--------|---------------------|--------------|
| F.A. RTE.   | SECTION | COUNTY | TOTAL SHEETS        | SHEET NO.    |
|             |         |        |                     |              |
| SCALE: NONE |         |        | SHEET 1 OF 1 SHEETS | STA. TO STA. |
| ILLINOIS    |         |        | FED. AID PROJECT    |              |

|  |                       |                |           |
|--|-----------------------|----------------|-----------|
| FILE NAME =                            | USER NAME = sipatel   | DESIGNED - VMR | REVISED - |
| N:\Lombard\210413\C\1\1\0161K57-0-10ET | 07_11.dgn             | DRAWN - PMM    | REVISED - |
| Default                                | PLOT SCALE = 48'      | CHECKED - LMF  | REVISED - |
|  | PLOT DATE = 5/29/2024 | DATE -         | REVISED - |

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**ST CHARLES ROAD**  
**DISTRICT 1 DETAILS**

|           |                |        |                       |              |
|-----------|----------------|--------|-----------------------|--------------|
| F.A. RTE. | SECTION        | COUNTY | TOTAL SHEETS          | SHEET NO.    |
| 1397      | 22-00163-00-R5 | DUPAGE | 63                    | 63           |
| SCALE:    |                |        | SHEET 11 OF 11 SHEETS | STA. TO STA. |
| ILLINOIS  |                |        | FED. AID PROJECT      |              |