

# PLANS FOR PROPOSED FEDERAL AID HIGHWAY

F.A.U. ROUTE 1199 (SALEM DR – VILLAGE LIMITS TO BODE RD)  
F.A.U. ROUTE 1101 (JONES RD – HIGHLAND BLVD TO HASSELL RD)  
F.A.U. ROUTE 1100 (HASSELL RD – ROSEDALE LN TO JONES RD)

RESURFACING

SECTION 17-00100-00-RS

PROJECT CZCQ(591)

VILLAGE OF HOFFMAN ESTATES

COOK COUNTY

C-91-072-21

| F.A.U. ROUTE       | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|--------|--------------|-----------|
|                    | 17-00100-00-RS | COOK   | 37           | 3         |
| CONTRACT NO. 61H09 |                |        |              |           |

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR HIGHWAY STANDARDS, SEE SHEET NO. 3

**DESIGN SPEED**

SALEM DRIVE – 30 MPH

JONES ROAD – 30 MPH

HASSELL ROAD – 30 MPH

**POSTED SPEED**

SALEM DRIVE – 25 MPH

JONES ROAD – 30 MPH

HASSELL ROAD – 25 MPH

**FUNCTIONAL CLASSIFICATION**

SALEM DRIVE – MINOR COLLECTOR

JONES ROAD – MAJOR COLLECTOR

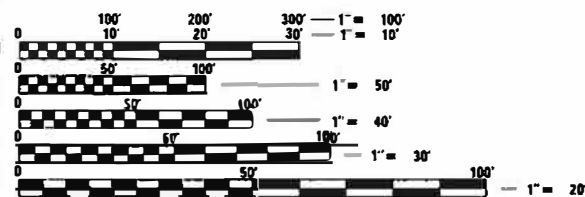
HASSELL ROAD – MAJOR COLLECTOR

**EXISTING TRAFFIC DATA**

SALEM DRIVE – 6,200 (2018 ADT)

JONES ROAD – 3,400 (2018 ADT)

HASSELL ROAD – 3,650 (2018 ADT)

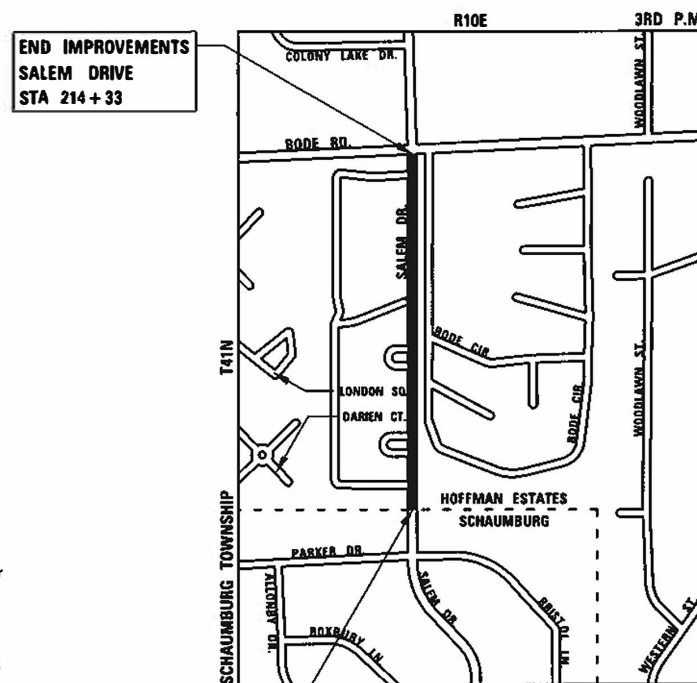


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811



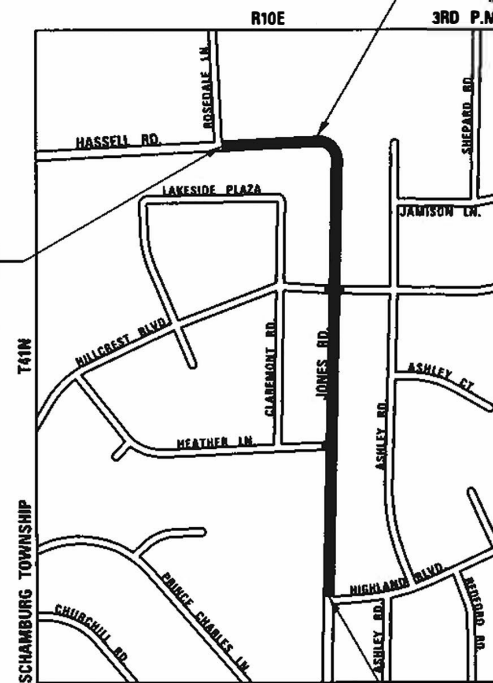
LOCATION OF SECTION INDICATED THUS: - [black rectangle symbol]



END IMPROVEMENTS  
SALEM DRIVE  
STA 214 + 33

BEGIN IMPROVEMENTS  
SALEM DRIVE  
STA 201 + 40

LOCATION MAP  
(NOT TO SCALE)

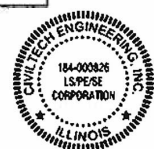


BEGIN IMPROVEMENTS  
HASSELL ROAD  
STA 132 + 25

BEGIN IMPROVEMENTS  
JONES ROAD  
STA 281 + 33

LOCATION MAP  
(NOT TO SCALE)

END IMPROVEMENTS  
HASSELL ROAD  
STA 135 + 89.4  
JONES ROAD  
STA 298 + 97.6



**GROSS AND NET LENGTHS**

SALEM DRIVE (VILLAGE BOUNDARY TO BODE ROAD) = 1,293 FT. = 0.24 MILE

JONES ROAD (HIGHLAND BOULEVARD TO HASSELL ROAD) = 1,764.6 FT. = 0.33 MILE

HASSELL ROAD (ROSEDALE LANE TO JONES ROAD) = 364.4 FT. = 0.07 MILE

TOTAL GROSS AND NET LENGTHS = 3,422 FT. = 0.64 MILE

PLANS PREPARED BY:



Derek N. Hall  
REGISTERED P.E., STATE OF ILLINOIS  
NO. 062-051388; EXPIRES 11-30-2021

|   |   |
|---|---|
| STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION |   |
| APPROVED  | January 7 20 21<br>ALAN WENDERSKI, P.E.<br>DIRECTOR OF ENGINEERING                    |
| PASSED  | JAN 27 20 21<br>C. P. [Signature]<br>DISTRICT ONE ENGINEER OF LOCAL ROADS AND STREETS |
| RELEASING FOR BID<br>BASED ON LIMITED<br>REVIEW   | JANUARY 27 20 21<br>Jose Rios [Signature]<br>REGIONAL ENGINEER                        |

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OF THE STATE OF ILLINOIS**

## SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ("STANDARD SPECIFICATIONS"), ADOPTED APRIL 1, 2016; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2021; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (IMUTCD); THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS", 7TH EDITION, 2014; THE LATEST EDITION OF THE "ILLINOIS URBAN MANUAL"; THE DETAILS IN THE PLANS; AND THE SPECIAL PROVISIONS AND IDOT STANDARD DRAWINGS INCLUDED IN THE CONTRACT DOCUMENTS.
2. ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED AS THE RESIDENT ENGINEER.
3. ALL UTILITY COMPANIES, SCHOOL DISTRICTS, AND LOCAL POLICE AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 72 HOURS PRIOR TO THE START OF CONSTRUCTION. THE CONTACT INFORMATION FOR UTILITY COMPANIES IS PROVIDED IN THE SPECIAL PROVISIONS, AND THE VILLAGE WILL PROVIDE ALL OTHER CONTACT INFORMATION FOR THE REMAINING LOCAL AGENCIES AT THE PRECONSTRUCTION MEETING.

## STAKING

1. ALIGNMENT, TIES AND BENCHMARKS ARE NOT PROVIDED IN THE PLANS DUE TO THE SCOPE OF WORK SHOWN IN THE PLANS. AERIAL BACKGROUNDS HAVE BEEN PROVIDED TO AID THE CONTRACTOR IN DETERMINING THE GENERAL LOCATION OF WORK.
2. A PROPOSED CENTERLINE HAS BEEN SHOWN FOR ALL THE ROADWAYS. IN GENERAL, THE CENTERLINE REPRESENTS THE CENTER-OF-ROADWAY AND THE CENTER-OF-ROW. THE EXISTING CENTERLINE IS ONLY A BEST-FIT APPROXIMATION BASED ON AERIAL IMAGERY. ITS PURPOSE IS ONLY TO PROVIDE A GENERAL LENGTH OF ROADWAY IMPROVEMENTS.
3. ALL DIMENSIONS SHOWN IN THE PLANS ARE APPROXIMATE BASED ON FIELD INVESTIGATIONS. BY NO MEANS SHOULD THE DIMENSIONS ACT AS AN ABSOLUTE LIMIT OF PROPOSED WORK. THE FINAL LENGTHS AND AREAS OF PROPOSED WORK WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
4. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE ENGINEER, VILLAGE OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

## PAVING, CURB & GUTTER, AND SIDEWALK

1. THE PAVEMENT PATCHING AND CURB AND GUTTER REMOVAL AND REPLACEMENT LOCATIONS SHOWN IN THE PLANS ARE ONLY APPROXIMATIONS MADE DURING THE DESIGN PROCESS BASED ON FIELD INVESTIGATIONS. THE ENGINEER IN THE FIELD SHALL MAKE THE FINAL DETERMINATION ON THE LOCATION OF PAVEMENT PATCHES AND CURB AND GUTTER REMOVAL AND REPLACEMENT.
2. THE CONTRACTOR SHALL SAW CUT PAVEMENT, CURB & GUTTER, DRIVEWAY AND SIDEWALK BY MEANS OF AN APPROVED SAW ACCORDING TO ARTICLE 442.03 OF THE STANDARD SPECIFICATIONS TO SEPARATE THE EXISTING MATERIAL TO BE REMOVED ACCORDING TO SECTION 440 OF THE STANDARD SPECIFICATIONS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
3. BINDER COURSE SHALL NOT BE PLACED ADJACENT TO CURB AND GUTTER UNTIL THE CURB AND GUTTER HAS BEEN PROPERLY CURED AND BACKFILLED TO THE SATISFACTION OF THE ENGINEER.
4. HOT-MIX ASPHALT SURFACE COURSE SHALL NOT BE PLACED IN A STAGE UNTIL ALL EARTH EXCAVATION, TOPSOIL PLACEMENT, AND HOT-MIX ASPHALT BINDER COURSE WITHIN THE STAGE HAVE BEEN COMPLETED TO THE SATISFACTION OF THE ENGINEER.
5. THE THICKNESSES OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE BINDER OR BASE UPON WHICH THE HOT-MIX ASPHALT MATERIALS ARE PLACED.
6. THE FINAL EDGE-OF-PAVEMENT SURFACE ELEVATION SHALL BE  $\frac{1}{4}$ " ABOVE THE GUTTER AS SHOWN IN IDOT HIGHWAY STANDARD 606001.

## EXCAVATION

1. THE EXCAVATION AND DISPOSAL OF TOPSOIL AND SUBGRADE MATERIAL TO CONSTRUCT THE NEW SIDEWALK ON THE EAST SIDE OF JONES ROAD BETWEEN HIGHLAND BOULEVARD AND HASSELL ROAD SHALL BE CONSIDERED UNSTABLE MATERIAL.

## SEWER

1. UNLESS OTHERWISE NOTED ON THE PLANS, THE EXISTING DRAINAGE FACILITIES SHALL REMAIN IN USE DURING THE PERIOD OF CONSTRUCTION. LOCATIONS OF EXISTING DRAINAGE STRUCTURES AND SEWERS AS SHOWN ON THE PLANS ARE APPROXIMATE. PRIOR TO COMMENCING WORK THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS OF EXISTING STRUCTURES WHICH ARE WITHIN THE PROPOSED CONSTRUCTION LIMITS. DURING CONSTRUCTION, IF THE CONTRACTOR ENCOUNTERS OR OTHERWISE BECOMES AWARE OF ANY SEWERS, UNDERDRAINS OR FIELD DRAINS WITHIN THE RIGHT-OF-WAY OTHER THAN THOSE SHOWN ON THE PLANS, HE/SHE SHALL SO INFORM THE ENGINEER, WHO SHALL DIRECT THE WORK NECESSARY TO MAINTAIN OR REPLACE THE FACILITIES IN SERVICE AND TO PROTECT THEM FROM DAMAGE DURING CONSTRUCTION IF MAINTAINED. EXISTING FACILITIES TO BE MAINTAINED THAT ARE DAMAGED DUE TO NEGLIGENCE SHALL BE REPLACED ACCORDING TO ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS. SHOULD THE ENGINEER HAVE DIRECTED THE REPLACEMENT OF A FACILITY, THE NECESSARY WORK SHALL BE DONE ACCORDING TO SECTIONS 550 AND 601, AND ARTICLE 104.02 OF THE STANDARD SPECIFICATIONS.

## UTILITIES

1. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES. THE LOCATION OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE ENGINEER DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATION OF SUCH UTILITIES AND EXERCISE CARE DURING CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THEM IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND ARTICLE 107.30 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THEIR FACILITIES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF THE CONSTRUCTION OPERATIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ABOVE AND BELOW GROUND UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS ACCORDING TO ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS.
3. THE CONTRACTOR SHALL STAGE CONSTRUCTION NECESSARY TO ACCOMMODATE UTILITY RELOCATION OR ADJUSTMENT.

## DRIVEWAY ACCESS

1. COMMERCIAL DRIVEWAYS SHALL BE COMPLETED IN HALVES ALLOWING ACCESS TO THEM AT ALL TIMES. COORDINATION WITH PROPERTY OWNERS SHALL BE COMPLETED PRIOR TO CLOSING ANY RESIDENTIAL DRIVEWAYS. ACCESS TO DRIVEWAYS SHALL NOT BE RESTRICTED FOR MORE THAN TWO WEEKS IN TOTAL DURING CONSTRUCTION.

## CONSTRUCTION SEQUENCE

THIS CONSTRUCTION SEQUENCE WAS DEVELOPED TO MINIMIZE IMPACTS TO PROPERTY OWNERS AND TO PROVIDE AN ADEQUATE METHOD OF INSPECTING THE CONDITION OF THE PAVEMENT BASE AND CURB AND GUTTER. THIS CONSTRUCTION SEQUENCE SHALL BE FOLLOWED UNLESS ALTERNATE SEQUENCE IS APPROVED BY THE ENGINEER AS COORDINATED WITH THE VILLAGE.

1. SET UP APPLICABLE TRAFFIC CONTROL MEASURES USING IDOT HIGHWAY STANDARDS AND DISTRICT ONE DETAILS PROVIDED IN THE PLANS.
2. SET UP EROSION AND SEDIMENT CONTROL MEASURES.
3. REMOVE HOT-MIX ASPHALT PAVEMENT SURFACE.
4. THE RESIDENT ENGINEER SHALL INSPECT THE CONDITION OF THE PAVEMENT BASE AND MARK THE AREAS REQUIRING PAVEMENT PATCHING. THE ENGINEER WILL ALSO INSPECT THE CONDITION OF COMBINATION CONCRETE CURB AND GUTTER AND MARK THE LIMITS OF CURB AND GUTTER REQUIRING REPLACEMENT. UNDER NO CONDITION SHALL THE CONTRACTOR PROCEED WITH THIS WORK WITHOUT PRIOR CONSENT FROM THE ENGINEER.
5. REMOVE AND REPLACE COMBINATION CONCRETE CURB AND GUTTER AND INSTALL PAVEMENT PATCHES AS DEFINED BY THE ENGINEER.
6. INSTALL SIDEWALK AND DETECTABLE WARNINGS.
7. INSTALL POLYMERIZED HMA BINDER.
8. LANDSCAPE.
9. INSTALL HMA SURFACE.
10. INSTALL PERMANENT PAVEMENT MARKINGS AND SIGNING.

## INDEX OF SHEETS

| SHEET NO. | DESCRIPTION                                      |
|-----------|--|
| 1         | COVER SHEET                                      |
| 2         | GENERAL NOTES AND INDEX OF SHEETS                |
| 3         | GENERAL NOTES AND STANDARD DRAWINGS              |
| 4 - 7     | SUMMARY OF QUANTITIES                            |
| 8 - 10    | TYPICAL SECTIONS                                 |
| 11 - 15   | ROADWAY PLANS                                    |
| 16 - 18   | PAVEMENT MARKING, SIGNING, AND LANDSCAPING PLANS |
| 19 - 30   | SIDEWALK GRADING PLANS                           |
| 31 - 37   | CONSTRUCTION DETAILS                             |

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|                             | DRAWN - MC      | REVISED - |
| PLOT SCALE = 1.0000' / 1in. | CHECKED - DNM   | REVISED - |
| PLOT DATE = 2/8/2021        | DATE - 02/08/21 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STP RESURFACING  
GENERAL NOTES & INDEX OF SHEETS

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

| F.A.U. RTE. | SECTION        | COUNTY   | TOTAL SHEETS       | SHEET NO. |
|-------------|----------------|----------|--------------------|-----------|
|             | 17-00100-00-RS | COOK     | 37                 | 2         |
|             |                |          | CONTRACT NO. 61H09 |           |
|             |                | ILLINOIS | FED. AID PROJECT   |           |

## SOIL EROSION AND SEDIMENT CONTROL

- ALL VEGETATIVE AND STRUCTURAL EROSION CONTROL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE "ILLINOIS URBAN MANUAL (JUNE, 2013 EDITION)".
- SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
- ALL EROSION CONTROL MEASURES SHALL BE IN PLACE BEFORE ANY WORK BEGINS.
- THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES DAILY AND AFTER EACH RUNOFF-PRODUCING RAINFALL EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF SAID MEASURES SHALL BE MADE IMMEDIATELY.
- ALL STORM SEWER FACILITIES THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED, FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT. MUD AND SEDIMENT DEPOSITS SHALL BE REMOVED FROM THE ROADWAY AT THE END OF EACH WORK DAY BY SHOVELING AND/OR SWEEPING.
- INLET FILTERS SHALL BE PLACED ON ALL CATCH BASINS, INLETS, AND MANHOLES WITH OPEN GRATES.
- ALL SLOPES SHALL BE COVERED WITH SOD OR SEED & EROSION CONTROL BLANKET AS SOON AS GRADING AND PLACEMENT OF TOPSOIL HAS BEEN COMPLETED.
- THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.

## CLEARING

- CONTRACTOR SHALL PAY SPECIAL ATTENTION TO ARTICLE 201.01(a) OF THE STANDARD SPECIFICATIONS. REMOVAL OF ALL OBSTRUCTIONS IN THE RIGHT-OF-WAY, THAT ARE NOT INCLUDED IN A SPECIFIC REMOVAL ITEM, SHALL BE CONSIDERED CLEARING. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO, FENCES, WALLS, FOUNDATIONS, BUILDINGS, WOODEN POWER POLES, WOODEN PLANTERS, GATES, AND ALL VEGETATION, TREES, SHRUBS, ETC. LESS THAN 6" IN DIAMETER.

## EPOXY COATING ON REINFORCEMENT

- ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLANS.

## MISCELLANEOUS













- DIMENSIONS: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER, ALL EXISTING ACCESS POINTS SHALL BE MAINTAINED AT ALL TIMES BY THE CONTRACTOR.

## SIGNING & STRIPING

- ALL EXISTING TRAFFIC SIGNS WHICH INTERFERE WITH THE CONTRACTOR'S WORK SHALL BE REMOVED PER ARTICLE 107.25. A RECORD SHALL BE MADE OF THEIR CONDITION, AND THEY SHALL BE SAFELY STORED AND SAFEGUARDED BY THE CONTRACTOR UNTIL THE ENGINEER DETERMINES THAT THEY BE REINSTALLED IN THE PERMANENT LOCATIONS. TEMPORARY "STOP" SIGNS SHALL BE USED IF PERMANENT "STOP" SIGNS NEED TO BE REMOVED DUE TO CONFLICTS IN WORK AREA TO MAINTAIN ROADWAY SAFETY CONDITIONS.
- ALL EXISTING SIGNS AND POSTS REMOVED AND NOT REINSTALLED SHALL BE RETURNED TO THE JURISDICTION FROM WHICH IT WAS REMOVED:

VILLAGE OF HOFFMAN ESTATES  
PUBLIC WORKS DEPARTMENT  
2305 PEMBROKE AVENUE  
HOFFMAN ESTATES, IL 60169

## ADDITIONAL SYMBOLS, ABBREVIATIONS AND PATTERNS

|   |   |
|---|---|
|  | EXISTING VALVE VAULT                              |
|  | EXISTING VALVE AND VALVE BOX                      |
|  | EXISTING FIRE HYDRANT                             |
|  | EXISTING DOMESTIC WATER SERVICE BOX               |
|  | EXISTING GAS VALVE                                |
|  | EXISTING ELECTRIC VAULT                           |
|  | EXISTING TELEPHONE VAULT                          |
|  | DEPRESSED CURB (LOCATIONS SHOWN ON ROADWAY PLANS) |
|  | DETECTABLE WARNING                                |
|  | SIDEWALK LANDING AND TURNING SPACE AREA           |
|  | CLASS D PATCHES (TYPE AND DEPTH AS NOTED)         |
|  | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT      |
| T.B.F.  | TRENCH BACKFILL                                   |

## TREE PROTECTION & LANDSCAPING

- PRIOR TO START OF ANY WORK, THE CONTRACTOR SHALL INVESTIGATE ALL TREE BRANCHES THAT OVERHANG INTO THE ROADWAY. ANY BRANCHES THAT WILL BE IN CONFLICT WITH CONSTRUCTION EQUIPMENT SHALL BE REPORTED TO THE ENGINEER. THE ENGINEER WILL MAKE THE FINAL DECISION ON TREES REQUIRING TREE PRUNING.
- THE ENGINEER WILL DETERMINE AREAS WHERE TEMPORARY FENCE MAY BE NEEDED TO PROTECT TREES IN CLOSE PROXIMITY TO CONSTRUCTION OPERATIONS. TEMPORARY FENCE SHALL BE PLACED AROUND THE TREE AT DRIP LINE.
- EXCAVATION NEAR TREES MAY REQUIRE TREE ROOT PRUNING AS DIRECTED BY THE ENGINEER.

## CCDD REPORT

- THOSE SEEKING THE FULL CCDD REPORT SHOULD CONTACT THE OWNER OF RECORD. TO MAKE ARRANGEMENTS FOR ACCESS TO THIS INFORMATION, PLEASE CONTACT:

ALAN WENDERSKI, P.E.  
DIRECTOR OF ENGINEERING  
VILLAGE OF HOFFMAN ESTATES  
PHONE: (847) 252-5800

## COMMITMENTS

- THERE ARE NO COMMITMENTS FOR THIS CONTRACT.

## STATE STANDARDS

| STANDARD NO. | DESCRIPTION   |
|--------------|---|
|              | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS                  |
| 000001-08    | TEMPORARY EROSION CONTROL SYSTEMS                             |
| 280001-07    | PERPENDICULAR CURB RAMPS FOR SIDEWALKS                        |
| 424001-11    | MID-BLOCK CURB RAMPS FOR SIDEWALKS                            |
| 424016-05    | CLASS C AND D PATCHES   |
| 442201-03    | FRAME AND LIDS TYPE 1   |
| 604001-05    | GRATE TYPE 8  |
| 604036-03    | FRAME & GRATE TYPE 11   |
| 604051-04    | CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER |
| 606001-07    | OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE      |
| 701006-05    | OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY                    |
| 701011-04    | LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS                   |
| 701301-04    | LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY            |
| 701311-03    | URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED                         |
| 701501-06    | URBAN LANE CLOSURE, MULTILANE INTERSECTION                    |
| 701701-10    | SIDEWALK, CORNER OR CROSSWALK CLOSURE                         |
| 701801-06    | TRAFFIC CONTROL DEVICES                                       |
| 701901-08    | SIGN PANEL MOUNTING DETAILS                                   |
| 720001-01    | SIGN PANEL ERECTION DETAILS                                   |
| 720006-04    | TELESCOPING STEEL SIGN SUPPORT                                |
| 728001-01    | TYPICAL PAVEMENT MARKINGS                                     |
| 780001-05    |   |

## DISTRICT ONE DETAILS

| DETAIL NO. | DESCRIPTION   |
|------------|---|
| BD-32      | BUTT JOINT AND HMA TAPER DETAILS  |
| TC-10      | TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS |
| TC-13      | DISTRICT ONE TYPICAL PAVEMENT MARKINGS                                      |
| TC-16      | PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING                    |
| TC-22      | ARTERIAL ROAD INFORMATION SIGN  |

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|                           |                 |           |
|---------------------------|-----------------|-----------|
| USER NAME = mjp           | DESIGNED - MJP  | REVISED - |
|                           | DRAWN - MC      | REVISED - |
| PLOT SCALE = 1:8000' / 1" | CHECKED - DNM   | REVISED - |
| PLOT DATE = 2/8/2021      | DATE - 02/08/21 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STP RESURFACING  
GENERAL NOTES & STATE STANDARDS

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

| F.A.U. RTE.        | SECTION        | COUNTY           | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|------------------|--------------|-----------|
|                    | 17-00100-00-R5 | COOK             | 37           | 3         |
| CONTRACT NO. 61H09 |                |                  |              |           |
| ILLINOIS           |                | FED. AID PROJECT |              |           |



**SUMMARY OF QUANTITIES**

| SUMMARY OF QUANTITIES |   |       |                   | CONSTRUCTION CODES        |                |                           |                |                            |                |
|-----------------------|---|-------|-------------------|---------------------------|----------------|---------------------------|----------------|----------------------------|----------------|
|                       |   |       |                   | STP URBAN FUNDING         |                |                           |                |                            |                |
| SUMMARY OF QUANTITIES |   |       |                   | SALEM DRIVE<br>(FAU 1199) |                | JONES ROAD<br>(FAU 1101)  |                | HASSELL ROAD<br>(FAU 1100) |                |
|                       |   |       |                   | ROADWAY<br>RESURF<br>0005 | SAFETY<br>0021 | ROADWAY<br>RESURF<br>0005 | SAFETY<br>0021 | ROADWAY<br>RESURF<br>0005  | SAFETY<br>0021 |
| CODE NO.              | ITEM  | UNIT  | TOTAL<br>QUANTITY | ROADWAY<br>RESURF<br>0005 | SAFETY<br>0021 | ROADWAY<br>RESURF<br>0005 | SAFETY<br>0021 | ROADWAY<br>RESURF<br>0005  | SAFETY<br>0021 |
| 20101000              | TEMPORARY FENCE                             | FOOT. | 700               | 320                       |                | 360                       |                | 20                         |                |
| * 20101200            | TREE ROOT PRUNING                           | EACH  | 24                | 11                        |                | 12                        |                | 1                          |                |
| * 20101300            | TREE PRUNING (1 TO 10 INCH DIAMETER)        | EACH  | 6                 | 2                         |                | 4                         |                |                            |                |
| * 20101350            | TREE PRUNING (OVER 10 INCH DIAMETER)        | EACH  | 21                | 16                        |                | 5                         |                |                            |                |
| 20200100              | EARTH EXCAVATION                            | CU YD | 356               | 202                       |                | 121                       |                | 33                         |                |
| 20201200              | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL | CU YD | 621               | 89                        |                | 522                       |                | 10                         |                |
| 20800150              | TRENCH BACKFILL                             | CU YD | 25                | 2                         |                |                           |                | 23                         |                |
| 21101600              | TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH   | SQ YD | 5,462             | 840                       |                | 4,282                     |                | 340                        |                |
| 21400100              | GRADING AND SHAPING DITCHES                 | FOOT  | 936               |                           |                | 936                       |                |                            |                |
| * 25000100            | SEEDING, CLASS 1                            | ACRE  | 1.15              | 0.18                      |                | 0.89                      |                | 0.08                       |                |
| * 25000400            | NITROGEN FERTILIZER NUTRIENT                | POUND | 103               | 16                        |                | 80                        |                | 7                          |                |
| * 25000500            | PHOSPHORUS FERTILIZER NUTRIENT              | POUND | 103               | 16                        |                | 80                        |                | 7                          |                |
| * 25000600            | POTASSIUM FERTILIZER NUTRIENT               | POUND | 103               | 16                        |                | 80                        |                | 7                          |                |
| * 25100630            | EROSION CONTROL BLANKET                     | SQ YD | 5,462             | 840                       |                | 4,282                     |                | 340                        |                |
| 28000510              | INLET FILTERS                               | EACH  | 28                | 9                         |                | 17                        |                | 2                          |                |
| 35101800              | AGGREGATE BASE COURSE, TYPE B 6"            | SQ YD | 125               |                           |                | 125                       |                |                            |                |
| 35102000              | AGGREGATE BASE COURSE, TYPE B 8"            | SQ YD | 277               | 277                       |                |                           |                |                            |                |
| 40201000              | AGGREGATE FOR TEMPORARY ACCESS              | TON   | 201               | 95                        |                | 106                       |                |                            |                |

\*INDICATES SPECIALTY ITEM

PLOT DRIVE: ...\\nam04\p04\...  
 PEN: ...  
 FILE NAME: ...



USER NAME = m.jp  
 PLOT SCALE = 1:2000  
 PLOT DATE = 2/8/2021

DESIGNED - MJP  
 DRAWN - MC  
 CHECKED - DNM  
 DATE - 02/08/21

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

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

**STP RESURFACING**  
**SUMMARY OF QUANTITIES**

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

|                           |                |        |                    |           |
|---------------------------|----------------|--------|--------------------|-----------|
| F.A.U. RTE.               | SECTION        | COUNTY | TOTAL SHEETS       | SHEET NO. |
|                           | 17-00100-00-R5 | COOK   | 37                 | 4         |
|                           |                |        | CONTRACT NO. 61H09 |           |
| ILLINOIS FED. AID PROJECT |                |        |                    |           |

**SUMMARY OF QUANTITIES**

| SUMMARY OF QUANTITIES |   |       |                   | CONSTRUCTION CODES        |                |                           |                |                            |                |
|-----------------------|---|-------|-------------------|---------------------------|----------------|---------------------------|----------------|----------------------------|----------------|
|                       |   |       |                   | STP URBAN FUNDING         |                |                           |                |                            |                |
| SUMMARY OF QUANTITIES |   |       |                   | SALEM DRIVE<br>(FAU 1199) |                | JONES ROAD<br>(FAU 1101)  |                | HASSELL ROAD<br>(FAU 1100) |                |
|                       |   |       |                   | ROADWAY<br>RESURF<br>0005 | SAFETY<br>0021 | ROADWAY<br>RESURF<br>0005 | SAFETY<br>0021 | ROADWAY<br>RESURF<br>0005  | SAFETY<br>0021 |
| CODE NO.              | ITEM  | UNIT  | TOTAL<br>QUANTITY |                           |                |                           |                |                            |                |
| 40600290              | BITUMINOUS MATERIALS (TACK COAT)                        | POUND | 8,657             | 3,298                     |                | 4,484                     |                | 875                        |                |
| 40600400              | MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS              | TON   | 8                 | 3                         |                | 4                         |                | 1                          |                |
| 40600982              | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT            | SQ YD | 146               | 46                        |                | 82                        |                | 18                         |                |
| 40603200              | POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 | TON   | 540               | 206                       |                | 279                       |                | 55                         |                |
| 40604060              | HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50    | TON   | 1,078             | 411                       |                | 558                       |                | 109                        |                |
| 42400800              | DETECTABLE WARNINGS                                     | SQ FT | 423               |                           | 243            |                           | 120            |                            | 60             |
| 44000100              | PAVEMENT REMOVAL  | SQ YD | 26                |                           |                |                           |                | 26                         |                |
| 44000157              | HOT-MIX ASPHALT SURFACE REMOVAL, 2"                     | SQ YD | 12,626            | 4,809                     |                | 6,540                     |                | 1,277                      |                |
| 44000200              | DRIVEWAY PAVEMENT REMOVAL                               | SQ YD | 309               | 283                       |                | 26                        |                |                            |                |
| 44000600              | SIDEWALK REMOVAL  | SQ FT | 14,994            |                           | 4,330          |                           | 8,258          |                            | 2,406          |
| 44201737              | CLASS D PATCHES, TYPE I, 8 INCH                         | SQ YD | 25                | 17                        |                | 8                         |                |                            |                |
| 44201741              | CLASS D PATCHES, TYPE II, 8 INCH                        | SQ YD | 135               | 48                        |                | 76                        |                | 11                         |                |
| 44201745              | CLASS D PATCHES, TYPE III, 8 INCH                       | SQ YD | 129               | 52                        |                | 61                        |                | 16                         |                |
| 44201747              | CLASS D PATCHES, TYPE IV, 8 INCH                        | SQ YD | 95                |                           |                |                           |                | 95                         |                |
| 550A2310              | STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 10"        | FOOT  | 8                 | 8                         |                |                           |                |                            |                |
| 550A2320              | STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"        | FOOT  | 185               |                           |                | 23                        |                | 162                        |                |
| 55100400              | STORM SEWER REMOVAL 10"                                 | FOOT  | 8                 | 8                         |                |                           |                |                            |                |
| 55100500              | STORM SEWER REMOVAL 12"                                 | FOOT  | 21                |                           |                | 21                        |                |                            |                |

\* INDICATES SPECIALTY ITEM

PLT DRIVEN = ...  
 PLOT SCALE = 1:2000 / 1" = 100'  
 FILE NAME = ...



|                                 |                 |           |
|---------------------------------|-----------------|-----------|
| USER NAME = mjp                 | DESIGNED - MJP  | REVISED - |
| PLOT SCALE = 1:2000 / 1" = 100' | DRAWN - MC      | REVISED - |
| PLOT DATE = 2/8/2021            | CHECKED - DNM   | REVISED - |
|                                 | DATE - 02/08/21 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STP RESURFACING  
SUMMARY OF QUANTITIES**

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

| F.A.U.<br>RTE.            | SECTION        | COUNTY | TOTAL<br>SHEETS    | SHEET<br>NO. |
|---------------------------|----------------|--------|--------------------|--------------|
|                           | 17-00100-00-R5 | COOK   | 37                 | 5            |
|                           |                |        | CONTRACT NO. 61H09 |              |
| ILLINOIS FED. AID PROJECT |                |        |                    |              |

**SUMMARY OF QUANTITIES**

| SUMMARY OF QUANTITIES |  |       |                   | CONSTRUCTION CODES        |                |                           |                |                            |                |
|-----------------------|--|-------|-------------------|---------------------------|----------------|---------------------------|----------------|----------------------------|----------------|
|                       |  |       |                   | STP URBAN FUNDING         |                |                           |                |                            |                |
| SUMMARY OF QUANTITIES |  |       |                   | SALEM DRIVE<br>(FAU 1199) |                | JONES ROAD<br>(FAU 1101)  |                | HASSELL ROAD<br>(FAU 1100) |                |
|                       |  |       |                   | ROADWAY<br>RESURF<br>0005 | SAFETY<br>0021 | ROADWAY<br>RESURF<br>0005 | SAFETY<br>0021 | ROADWAY<br>RESURF<br>0005  | SAFETY<br>0021 |
| CODE NO.              | ITEM   | UNIT  | TOTAL<br>QUANTITY |                           |                |                           |                |                            |                |
| 60200305              | CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE      | EACH  | 1                 |                           |                |                           |                | 1                          |                |
| 60218400              | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID        | EACH  | 2                 |                           |                | 2                         |                |                            |                |
| 60235700              | INLETS, TYPE A, TYPE 3 FRAME AND GRATE                         | EACH  | 2                 | 1                         |                |                           |                | 1                          |                |
| 60402210              | GRATES, TYPE 8   | EACH  | 1                 |                           |                | 1                         |                |                            |                |
| 60404300              | FRAMES AND GRATES, TYPE 3                                      | EACH  | 12                | 5                         |                | 7                         |                |                            |                |
| 60406000              | FRAMES AND LIDS, TYPE 1, OPEN LID                              | EACH  | 7                 | 3                         |                | 4                         |                |                            |                |
| 60406100              | FRAMES AND LIDS, TYPE 1, CLOSED LID                            | EACH  | 2                 | 1                         |                | 1                         |                |                            |                |
| 60500060              | REMOVING INLETS  | EACH  | 1                 | 1                         |                |                           |                |                            |                |
| 67100100              | MOBILIZATION   | L SUM | 1                 | 0.3                       |                | 0.4                       |                | 0.3                        |                |
| 70102620              | TRAFFIC CONTROL AND PROTECTION, STANDARD 701501                | L SUM | 1                 | 0.3                       |                | 0.4                       |                | 0.3                        |                |
| 70102635              | TRAFFIC CONTROL AND PROTECTION, STANDARD 701701                | L SUM | 1                 | 0.3                       |                | 0.4                       |                | 0.3                        |                |
| 70102640              | TRAFFIC CONTROL AND PROTECTION, STANDARD 701801                | L SUM | 1                 | 0.3                       |                | 0.4                       |                | 0.3                        |                |
| 70300100              | SHORT TERM PAVEMENT MARKING                                    | FOOT  | 14,486            |                           | 5,624          |                           | 7,322          |                            | 1,540          |
| 70300150              | SHORT TERM PAVEMENT MARKING REMOVAL                            | SQ FT | 5,612             |                           | 1,982          |                           | 2,876          |                            | 754            |
| * 72000100            | SIGN PANEL - TYPE 1  | SQ FT | 120               |                           | 48             |                           | 55             |                            | 17             |
| * 72400100            | REMOVE SIGN PANEL ASSEMBLY - TYPE A                            | EACH  | 8                 |                           | 4              |                           | 3              |                            | 1              |
| * 72800100            | TELESCOPING STEEL SIGN SUPPORT                                 | FOOT  | 359               |                           | 123            |                           | 179            |                            | 57             |
| * 78006100            | PREFORMED THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS | SQ FT | 213               |                           | 87             |                           | 126            |                            |                |

\*INDICATES SPECIALTY ITEM

PLOT BY: MJP  
 PLOT SCALE = 1/8" = 1'-0"  
 PLOT DATE = 2/8/2021



|                           |                 |           |
|---------------------------|-----------------|-----------|
| USER NAME = mjp           | DESIGNED - MJP  | REVISED - |
|                           | DRAWN - MC      | REVISED - |
| PLOT SCALE = 1/8" = 1'-0" | CHECKED - DNM   | REVISED - |
| PLOT DATE = 2/8/2021      | DATE - 02/08/21 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STP RESURFACING  
SUMMARY OF QUANTITIES

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

| F.A.U.<br>RTE.            | SECTION        | COUNTY | TOTAL<br>SHEETS    | SHEET<br>NO. |
|---------------------------|----------------|--------|--------------------|--------------|
|                           | 17-00100-00-R5 | COOK   | 37                 | 6            |
| ILLINOIS FED. AID PROJECT |                |        | CONTRACT NO. 61H09 |              |

**SUMMARY OF QUANTITIES**

| SUMMARY OF QUANTITIES |  |       |                   | CONSTRUCTION CODES        |                |                           |                |                            |                |
|-----------------------|--|-------|-------------------|---------------------------|----------------|---------------------------|----------------|----------------------------|----------------|
|                       |  |       |                   | STP URBAN FUNDING         |                |                           |                |                            |                |
| SUMMARY OF QUANTITIES |  |       |                   | SALEM DRIVE<br>(FAU 1199) |                | JONES ROAD<br>(FAU 1101)  |                | HASSELL ROAD<br>(FAU 1100) |                |
|                       |  |       |                   | ROADWAY<br>RESURF<br>0005 | SAFETY<br>0021 | ROADWAY<br>RESURF<br>0005 | SAFETY<br>0021 | ROADWAY<br>RESURF<br>0005  | SAFETY<br>0021 |
| CODE NO.              | ITEM   | UNIT  | TOTAL<br>QUANTITY |                           |                |                           |                |                            |                |
| * 78009000            | MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS     | SQ FT | 37                |                           | 37             |                           |                |                            |                |
| * 78009004            | MODIFIED URETHANE PAVEMENT MARKING - LINE 4"                 | FOOT  | 7,041             |                           | 4,460          |                           | 1,568          |                            | 1,013          |
| * 78009006            | MODIFIED URETHANE PAVEMENT MARKING - LINE 6"                 | FOOT  | 514               |                           | 126            |                           | 388            |                            |                |
| * 78009012            | MODIFIED URETHANE PAVEMENT MARKING - LINE 12"                | FOOT  | 156               |                           | 72             |                           | 35             |                            | 49             |
| * 78009024            | MODIFIED URETHANE PAVEMENT MARKING - LINE 24"                | FOOT  | 186               |                           | 22             |                           | 92             |                            | 72             |
| * 78200020            | CURB REFLECTORS  | EACH  | 16                |                           |                |                           |                |                            | 16             |
| 78300202              | PAVEMENT MARKING REMOVAL - WATER BLASTING                    | SQ FT | 35                |                           | 35             |                           |                |                            |                |
| Z0004514              | HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"                        | SQ YD | 25                |                           |                | 25                        |                |                            |                |
| Z0004522              | HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 6"                        | SQ YD | 277               | 277                       |                |                           |                |                            |                |
| Z0004562              | COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT | FOOT  | 1,441             | 648                       |                | 482                       |                | 311                        |                |
| Z0017400              | DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED                 | EACH  | 20                | 10                        |                | 10                        |                |                            |                |
| Z0017700              | DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED            | EACH  | 4                 | 2                         |                | 2                         |                |                            |                |
| Z0030850              | TEMPORARY INFORMATION SIGNING                                | SQ FT | 100               |                           | 50             |                           | 25             |                            | 25             |
| X2130010              | EXPLORATION TRENCH, SPECIAL                                  | FOOT  | 50                |                           |                |                           |                | 50                         |                |
| X4240430              | PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL            | SQ FT | 24,468            |                           | 4,934          |                           | 16,996         |                            | 2,538          |
| X6026624              | VALVE BOXES TO BE ADJUSTED (SPECIAL)                         | EACH  | 1                 | 1                         |                |                           |                |                            |                |

\*INDICATES SPECIALTY ITEM

PLOT DRIVER : ...  
 PEN TABLE : ...  
 FILE NAME : ...



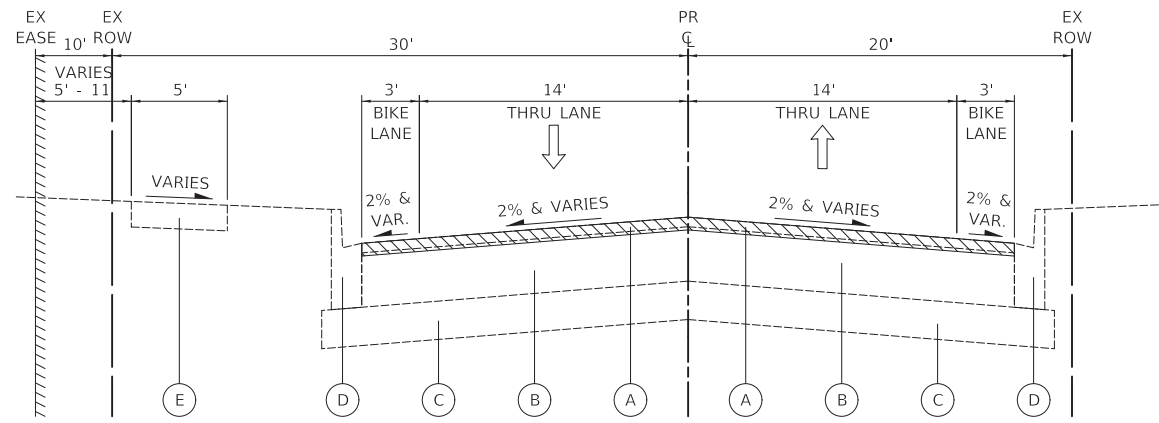
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| USER NAME = mjp            | DESIGNED - MJP  | REVISED - |
| PLOT SCALE = 1/8" = 1' in. | DRAWN - MC      | REVISED - |
| PLOT DATE = 2/8/2021       | CHECKED - DNM   | REVISED - |
|                            | DATE - 02/08/21 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STP RESURFACING  
SUMMARY OF QUANTITIES**

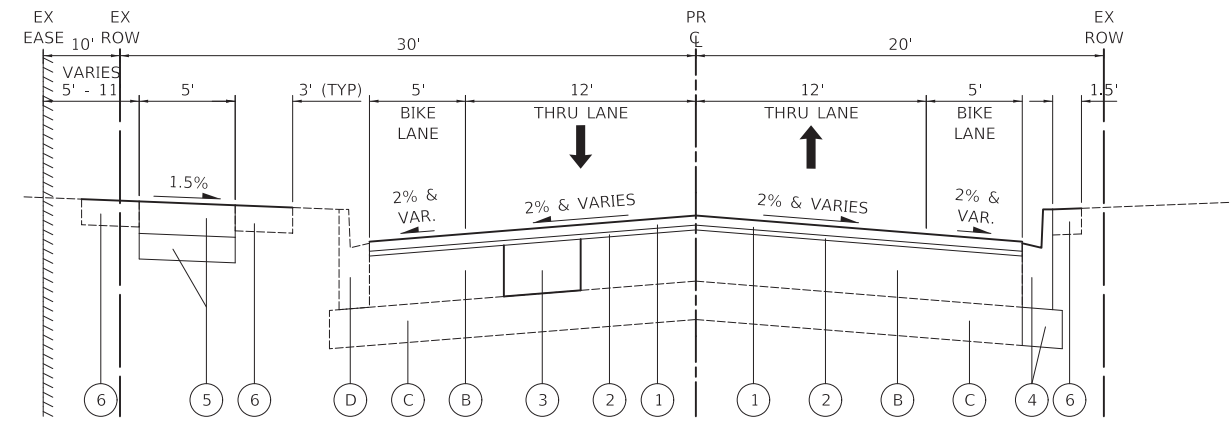
SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

| F.A.U.<br>RTE.            | SECTION        | COUNTY | TOTAL<br>SHEETS    | SHEET<br>NO. |
|---------------------------|----------------|--------|--------------------|--------------|
|                           | 17-00100-00-R5 | COOK   | 37                 | 7            |
|                           |                |        | CONTRACT NO. 61H09 |              |
| ILLINOIS FED. AID PROJECT |                |        |                    |              |



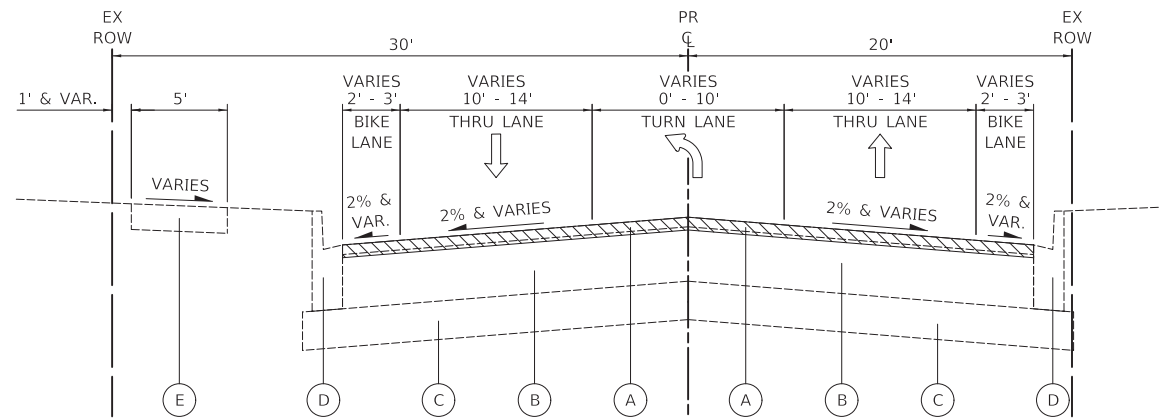
**SALEM DRIVE – EXISTING TYPICAL SECTION**

STA 201+40 TO STA 212+27



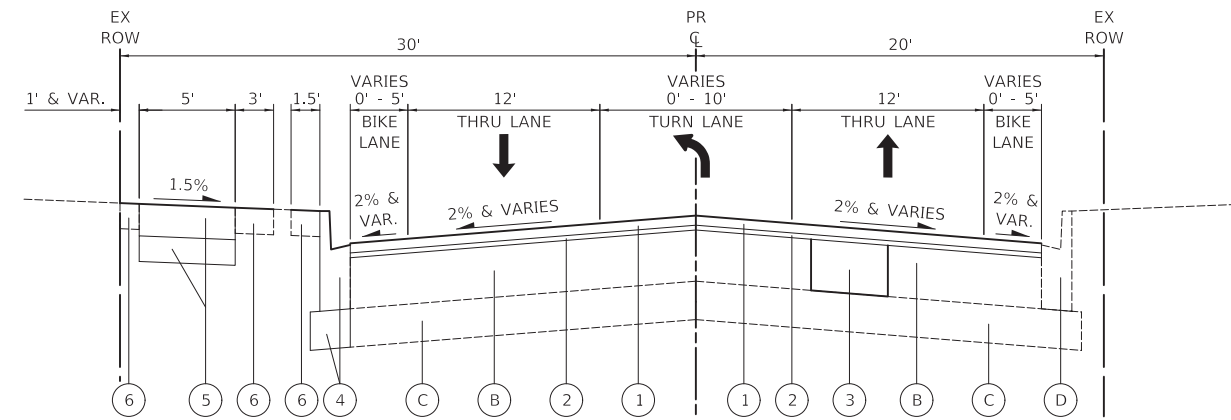
**SALEM DRIVE – PROPOSED TYPICAL SECTION**

STA 201+40 TO STA 212+27



**SALEM DRIVE – EXISTING TYPICAL SECTION**

STA 212+27 TO STA 214+33

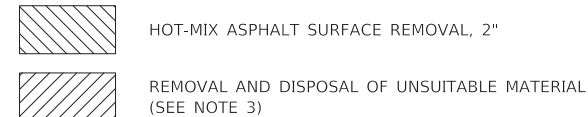


**SALEM DRIVE – PROPOSED TYPICAL SECTION**

STA 212+27 TO STA 214+33

**LEGEND**

- (A) EXISTING HOT-MIX ASPHALT SURFACE COURSE, 1½"
- (B) EXISTING HOT-MIX ASPHALT BINDER COURSE, 8½"
- (C) EXISTING AGGREGATE BASE COURSE, 6"
- (D) EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.12
- (E) EXISTING PORTLAND CEMENT CONCRETE SIDEWALK
- (1) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1½"
- (2) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, ¾"
- (3) CLASS D PATCHES, TYPE AS NOTED ON PLANS, 8 INCH (SEE NOTE 1)
- (4) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (AGGREGATE BASE COURSE, TYPE B, 6" IS INCLUDED IN COST OF ITEM) (SEE NOTE 2)
- (5) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL (AGGREGATE BASE COURSE, TYPE B, 4" IS INCLUDED IN COST OF ITEM)
- (6) TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH (6" MIN.) SEEDING, CLASS 1 EROSION CONTROL BLANKET



| HOT-MIX ASPHALT MIXTURE REQUIREMENTS                          |                  |
|---|------------------|
| MIXTURE TYPE  | AIR VOIDS @ NDES |
| <b>PAVEMENT RESURFACING</b>                                   |                  |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 1.5"    | 4% @ 50 GYR.     |
| POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4" | 3.5% @ 50 GYR.   |
| <b>CLASS D PATCHES</b>  |                  |
| CLASS D PATCH (HMA BINDER IL-19.0 mm); 8"                     | 4% @ 70 GYR.     |
| <b>HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"</b>                  |                  |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 1.5"    | 4% @ 50 GYR.     |
| HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 2.5"             | 4% @ 50 GYR.     |
| <b>HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 6"</b>                  |                  |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 2"      | 4% @ 50 GYR.     |
| HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 4"               | 4% @ 50 GYR.     |

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES 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 MIXES SHALL BE "PG 64-22" UNLESS MODIFIED BY SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS, SEE SPECIAL PROVISIONS.

**NOTES**

- THE ENGINEER SHALL MAKE THE FINAL DETERMINATION OF THE LOCATION, WIDTH, AND LENGTH OF CLASS D PATCHES IN THE FIELD.
- THE ENGINEER SHALL MAKE THE FINAL DETERMINATION OF THE LOCATION AND LENGTH OF THE REMOVAL AND REPLACEMENT OF COMBINATION CONCRETE CURB AND GUTTER IN THE FIELD. SEE VILLAGE "CURB AND GUTTER" DETAIL.
- THE EXCAVATION AND DISPOSAL OF TOPSOIL AND SUBGRADE MATERIAL TO CONSTRUCT THE PROPOSED SIDEWALK SHALL BE PAID FOR AS "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL".

PLOT DRIVER = ...\\dm04986\cna\_pdf.plt  
 PEN TABLE = ...\\dm04986\cna\_pen.tbl  
 FILE NAME = ...\\dm04986\3390-typical01.dgn



|                           |                 |           |
|---------------------------|-----------------|-----------|
| USER NAME = mjp           | DESIGNED - MJP  | REVISED - |
|                           | DRAWN - MC      | REVISED - |
| PLOT SCALE = 1:8000' / 1" | CHECKED - DNM   | REVISED - |
| PLOT DATE = 2/9/2021      | DATE - 02/08/21 | REVISED - |

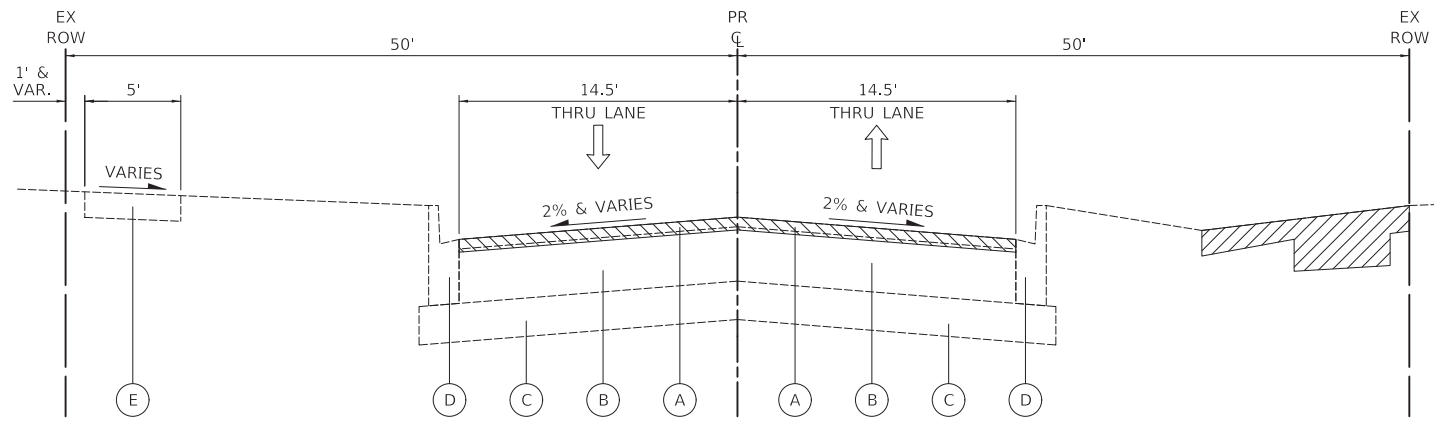
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SALEM DRIVE  
TYPICAL SECTIONS**

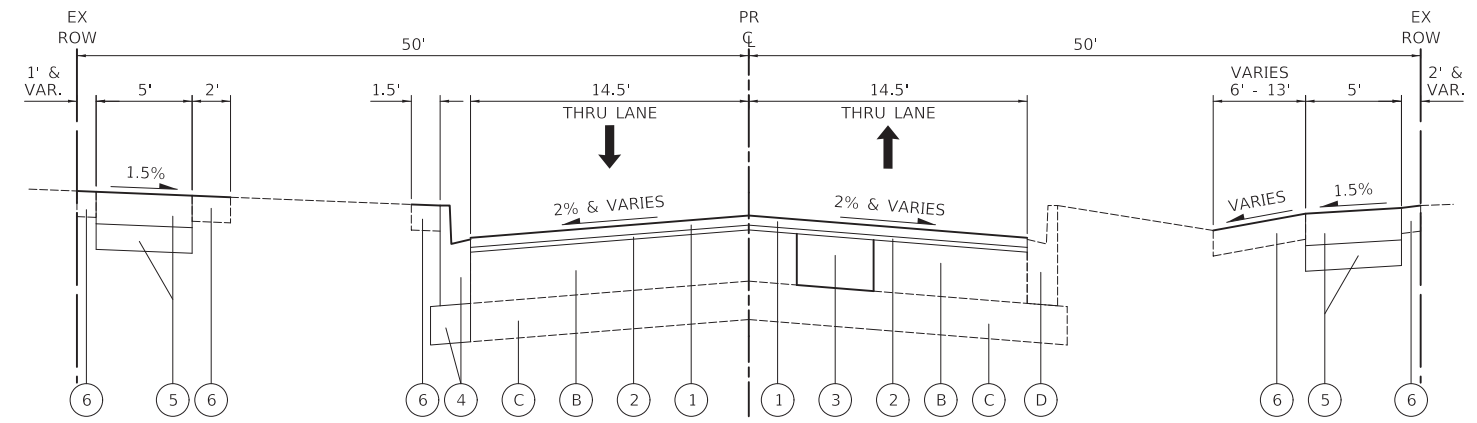
SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

|                    |                |        |                           |           |
|--------------------|----------------|--------|---------------------------|-----------|
| F.A.U. RTE.        | SECTION        | COUNTY | TOTAL SHEETS              | SHEET NO. |
| 1199               | 17-00100-00-R5 | COOK   | 37                        | 8         |
| CONTRACT NO. 61H09 |                |        | ILLINOIS FED. AID PROJECT |           |

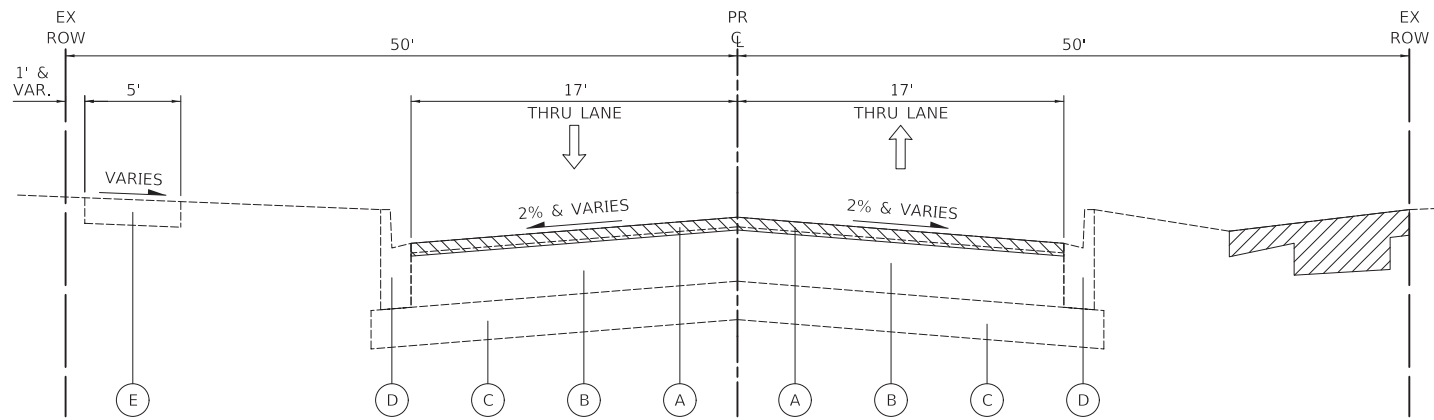




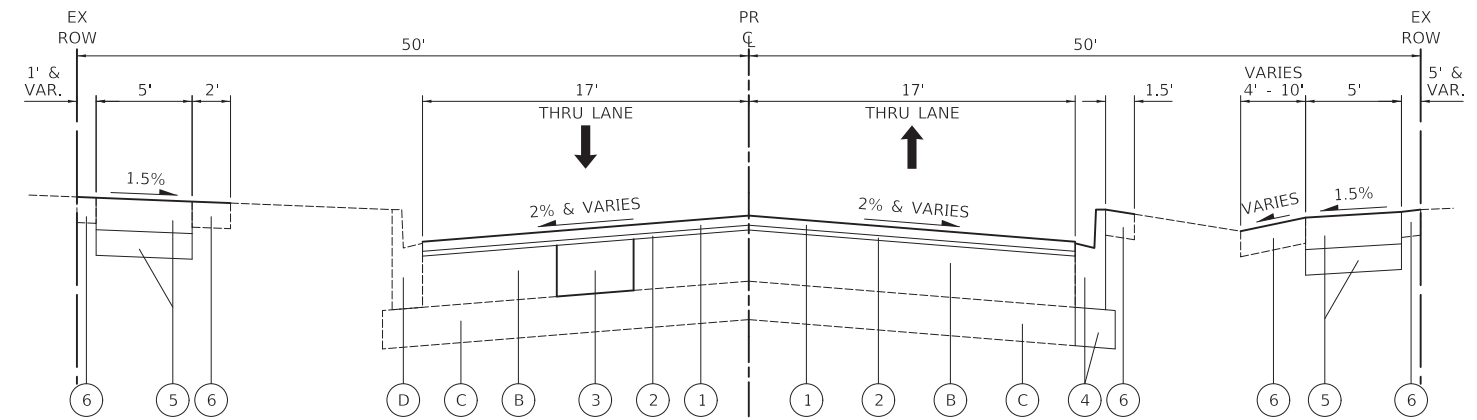
**JONES ROAD – EXISTING TYPICAL SECTION**  
STA 281+33 TO STA 292+87.5



**JONES ROAD – PROPOSED TYPICAL SECTION**  
STA 281+33 TO STA 292+87.5



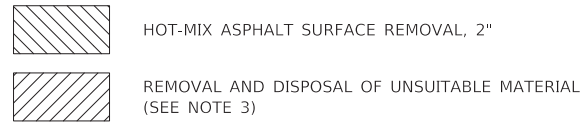
**JONES ROAD – EXISTING TYPICAL SECTION**  
STA 292+87.5 TO STA 298+97.6



**JONES ROAD – PROPOSED TYPICAL SECTION**  
STA 292+87.5 TO STA 298+97.6

**LEGEND**

- (A) EXISTING HOT-MIX ASPHALT SURFACE COURSE, 1½"
- (B) EXISTING HOT-MIX ASPHALT BINDER COURSE, 8½"
- (C) EXISTING AGGREGATE BASE COURSE, 6"
- (D) EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.12
- (E) EXISTING PORTLAND CEMENT CONCRETE SIDEWALK
- (1) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1½"
- (2) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, ¾"
- (3) CLASS D PATCHES, TYPE AS NOTED ON PLANS, 8 INCH (SEE NOTE 1)
- (4) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (AGGREGATE BASE COURSE, TYPE B, 6" IS INCLUDED IN COST OF ITEM) (SEE NOTE 2)
- (5) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL (AGGREGATE BASE COURSE, TYPE B, 4" IS INCLUDED IN COST OF ITEM)
- (6) TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH (6" MIN.) SEEDING, CLASS 1 EROSION CONTROL BLANKET



**NOTES**

1. THE ENGINEER SHALL MAKE THE FINAL DETERMINATION OF THE LOCATION, WIDTH, AND LENGTH OF CLASS D PATCHES IN THE FIELD.
2. THE ENGINEER SHALL MAKE THE FINAL DETERMINATION OF THE LOCATION AND LENGTH OF THE REMOVAL AND REPLACEMENT OF COMBINATION CONCRETE CURB AND GUTTER IN THE FIELD. SEE VILLAGE "CURB AND GUTTER" DETAIL.
3. THE EXCAVATION AND DISPOSAL OF TOPSOIL AND SUBGRADE MATERIAL TO CONSTRUCT THE PROPOSED SIDEWALK SHALL BE PAID FOR AS "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL".

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 PEN TABLE = ...\\dm04986\cru.pdf.plt  
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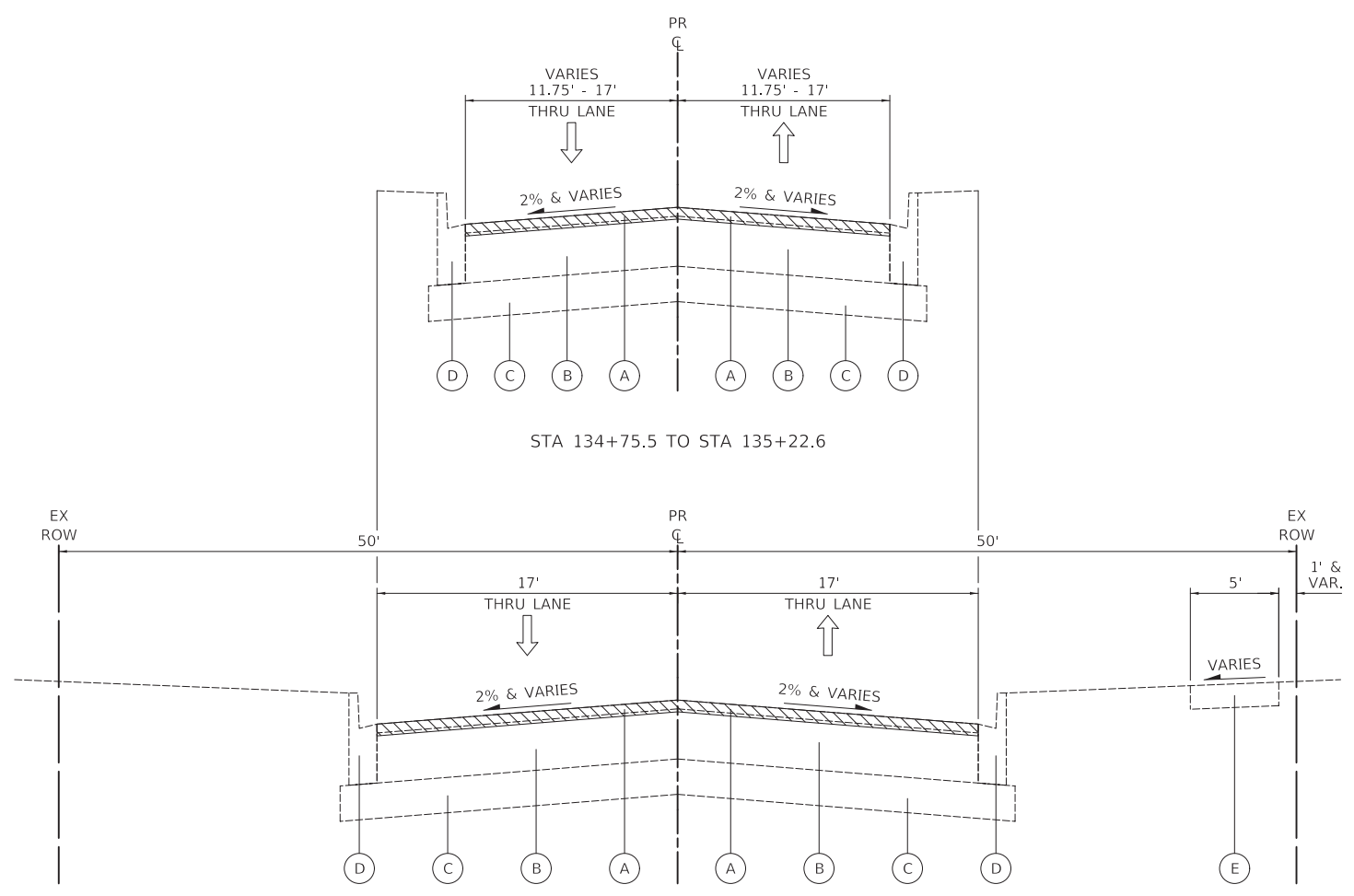
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| PLOT DATE = 2/8/2021       | CHECKED - DNM   | REVISED - |
|                            | DATE - 02/08/21 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

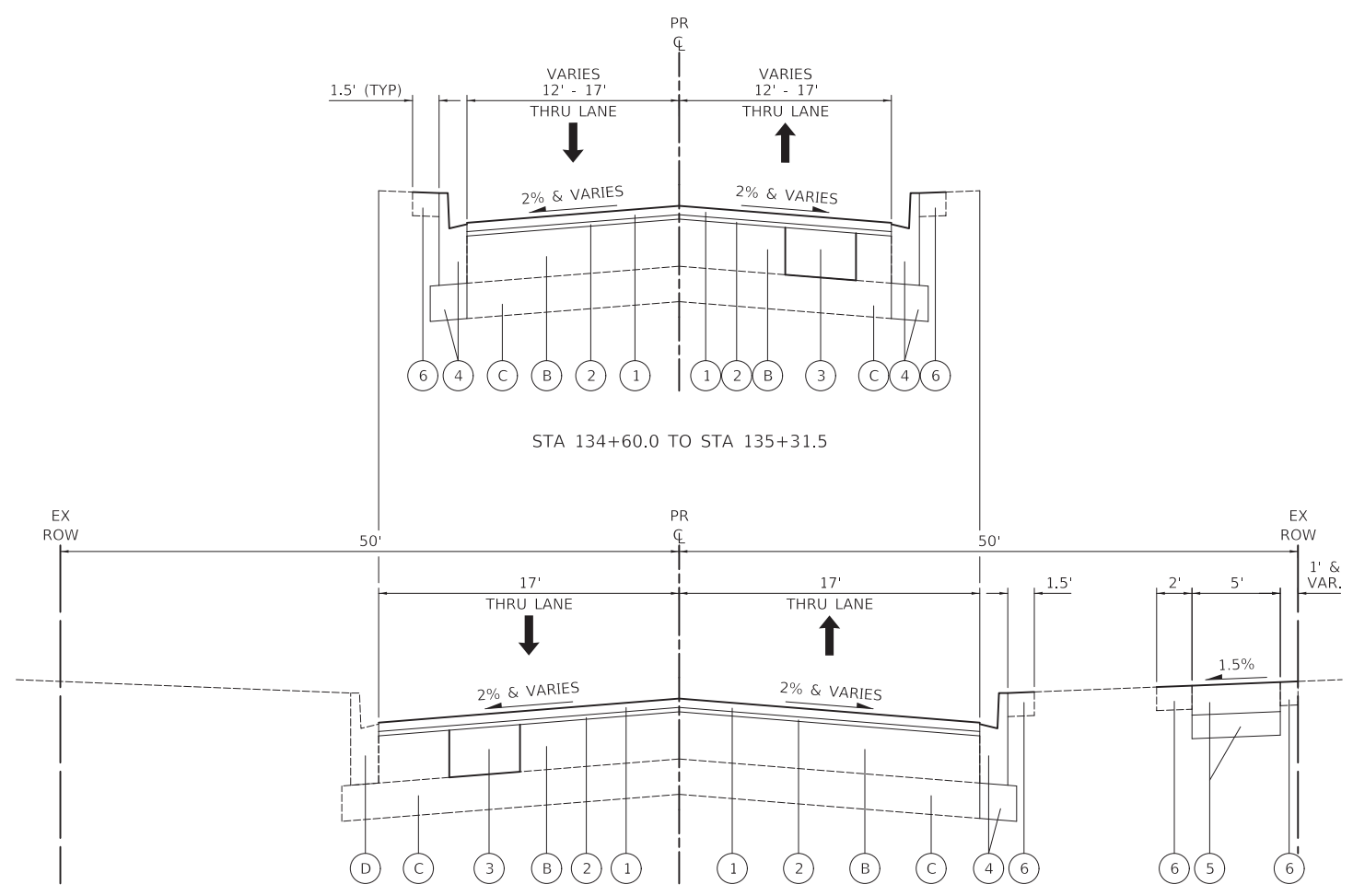
**JONES ROAD  
TYPICAL SECTIONS**

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

| F.A.U. RTE.               | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 1101                      | 17-00100-00-R5 | COOK   | 37           | 9         |
| CONTRACT NO. 61H09        |                |        |              |           |
| ILLINOIS FED. AID PROJECT |                |        |              |           |



**HASSELL ROAD – EXISTING TYPICAL SECTION**  
STA 132+25 TO 135+89.4



**HASSELL ROAD – PROPOSED TYPICAL SECTION**  
STA 132+25 TO 135+89.4

**LEGEND**

- (A) EXISTING HOT-MIX ASPHALT SURFACE COURSE, 1½"
  - (B) EXISTING HOT-MIX ASPHALT BINDER COURSE, ¾"
  - (C) EXISTING AGGREGATE BASE COURSE, 6"
  - (D) EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.12
  - (E) EXISTING PORTLAND CEMENT CONCRETE SIDEWALK
  - (1) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1½"
  - (2) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, ¾"
  - (3) CLASS D PATCHES, TYPE AS NOTED ON PLANS, 8 INCH (SEE NOTE 1)
  - (4) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (AGGREGATE BASE COURSE, TYPE B, 6" IS INCLUDED IN COST OF ITEM) (SEE NOTE 2)
  - (5) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL (AGGREGATE BASE COURSE, TYPE B, 4" IS INCLUDED IN COST OF ITEM)
  - (6) TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH (6" MIN.) SEEDING, CLASS 1 EROSION CONTROL BLANKET
- HOT-MIX ASPHALT SURFACE REMOVAL, 2"  
 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (SEE NOTE 3)

**NOTES**

1. THE ENGINEER SHALL MAKE THE FINAL DETERMINATION OF THE LOCATION, WIDTH, AND LENGTH OF CLASS D PATCHES IN THE FIELD.
2. THE ENGINEER SHALL MAKE THE FINAL DETERMINATION OF THE LOCATION AND LENGTH OF THE REMOVAL AND REPLACEMENT OF COMBINATION CONCRETE CURB AND GUTTER IN THE FIELD. SEE VILLAGE "CURB AND GUTTER" DETAIL.
3. THE EXCAVATION AND DISPOSAL OF TOPSOIL AND SUBGRADE MATERIAL TO CONSTRUCT THE PROPOSED SIDEWALK SHALL BE PAID FOR AS "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL".

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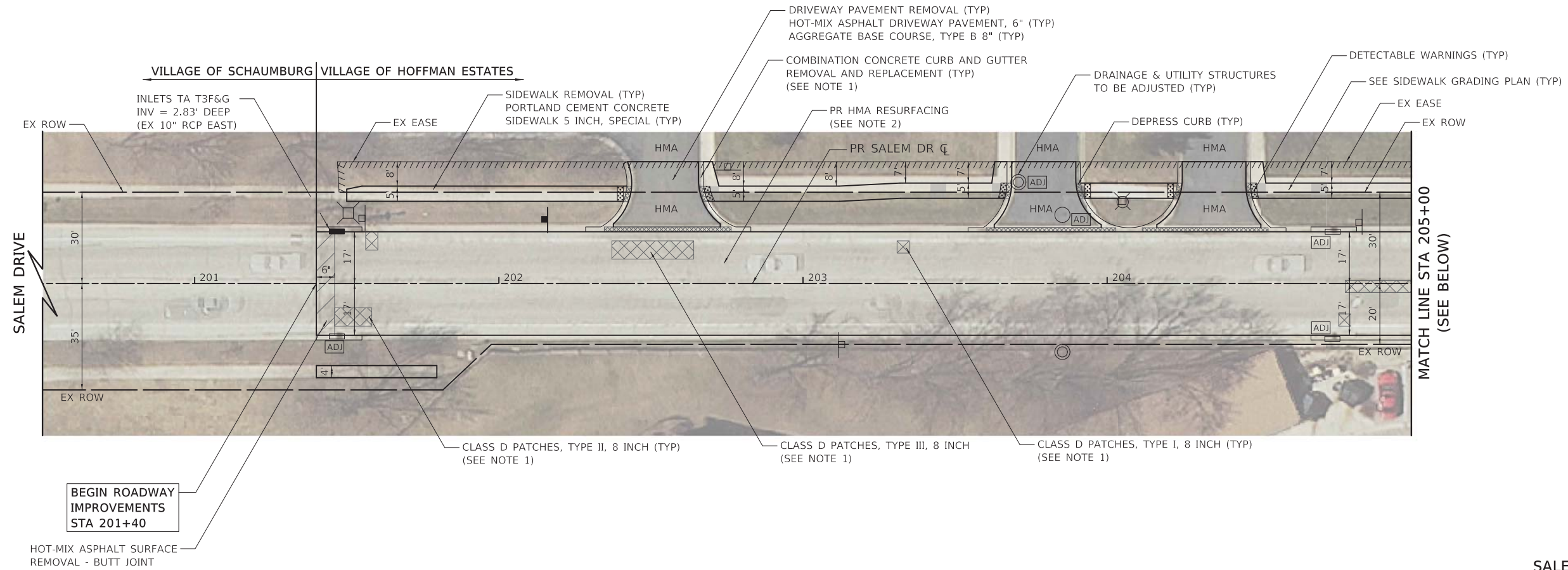


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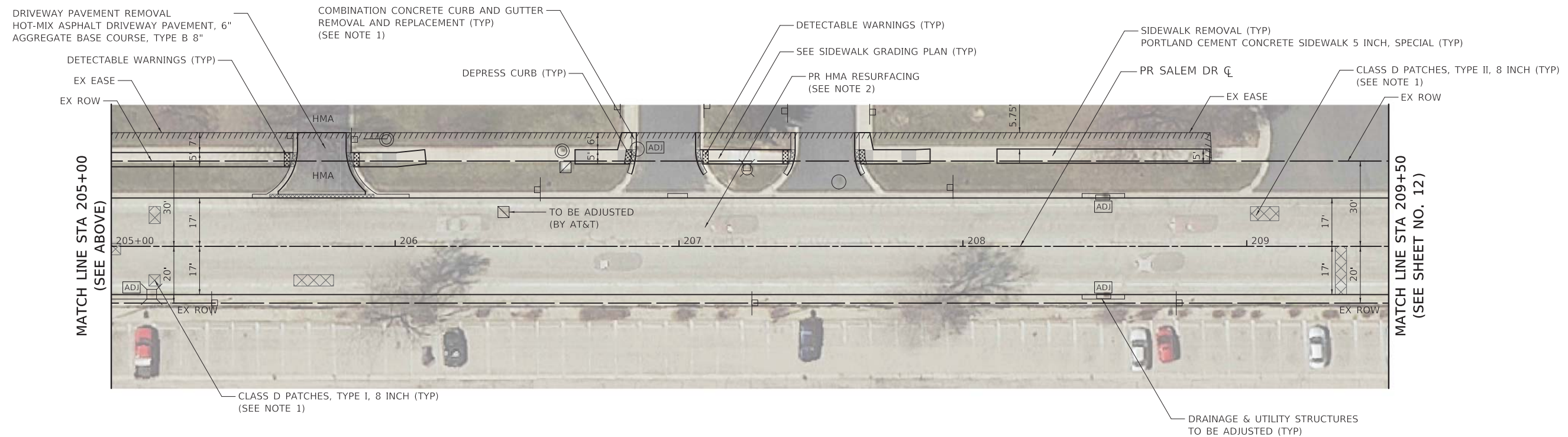
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

|  |                              |
|--|------------------------------|
| <b>HASSELL ROAD<br/>TYPICAL SECTIONS</b> |                              |
| SCALE: N.T.S.                            | SHEET OF SHEETS STA. TO STA. |

|                    |                |        |                           |           |
|--------------------|----------------|--------|---------------------------|-----------|
| F.A.U. RTE.        | SECTION        | COUNTY | TOTAL SHEETS              | SHEET NO. |
| 1100               | 17-00100-00-R5 | COOK   | 37                        | 10        |
| CONTRACT NO. 61H09 |                |        | ILLINOIS FED. AID PROJECT |           |



SALEM DRIVE - ROADWAY PLAN



SALEM DRIVE - ROADWAY PLAN

**NOTES**

1. THE LOCATIONS AND DIMENSIONS OF ALL PAVEMENT PATCHING AND CURB AND GUTTER REPLACEMENT SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. FOR ADDITIONAL DETAILS, SEE CONSTRUCTION SEQUENCE NOTES AND OTHER RELEVANT NOTES IN THE GENERAL NOTES ON SHEET NO. 2 & 3.
2. PR HMA RESURFACING:  
 -HOT-MIX ASPHALT SURFACE REMOVAL, 2"  
 -POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"  
 -HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1 1/2"

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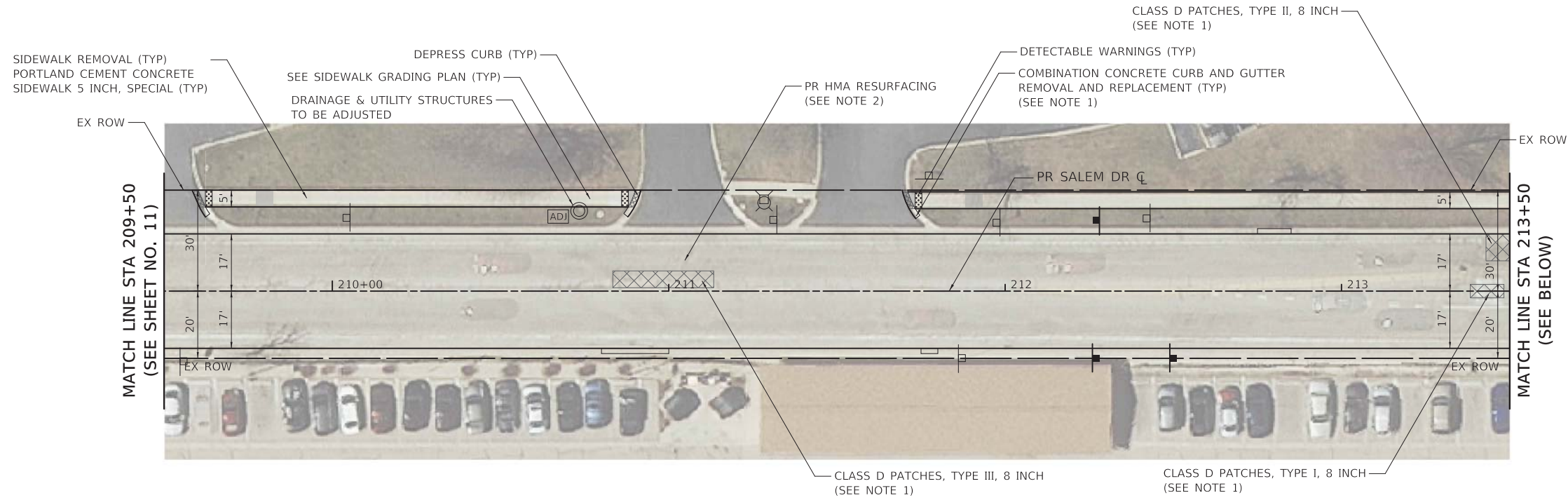
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SALEM DRIVE  
 ROADWAY PLAN

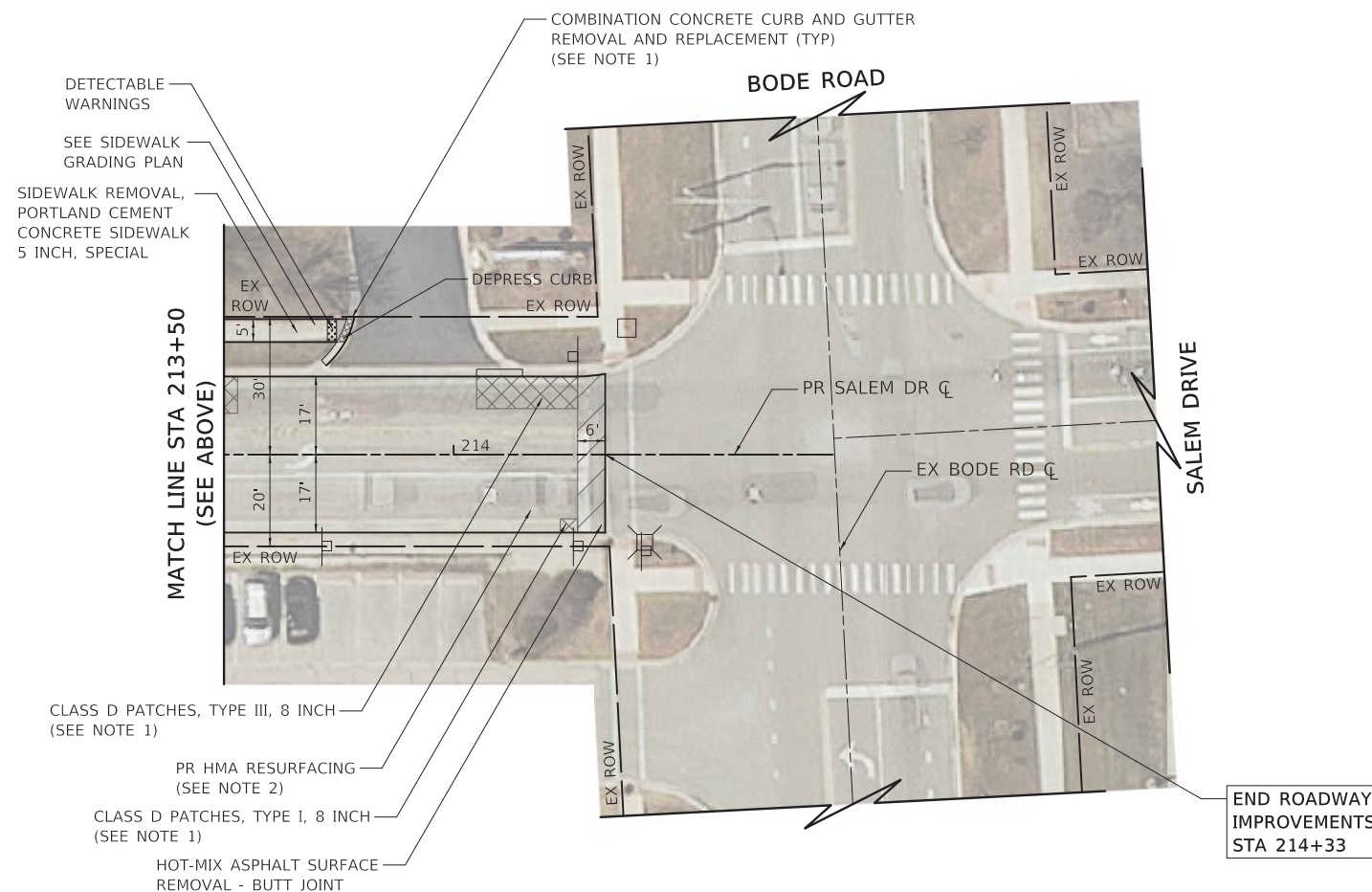
SCALE: 1" = 20' SHEET OF SHEETS STA. 201+40 TO STA. 209+50

| F.A.U. RTE.        | SECTION        | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|----------------|--------|---------------------------|-----------|
| 1199               | 17-00100-00-R5 | COOK   | 37                        | 11        |
| CONTRACT NO. 61H09 |                |        | ILLINOIS FED. AID PROJECT |           |





SALEM DRIVE - ROADWAY PLAN



**NOTES**

1. THE LOCATIONS AND DIMENSIONS OF ALL PAVEMENT PATCHING AND CURB AND GUTTER REPLACEMENT SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. FOR ADDITIONAL DETAILS, SEE CONSTRUCTION SEQUENCE NOTES AND OTHER RELEVANT NOTES IN THE GENERAL NOTES ON SHEET NO. 2 & 3.
2. PR HMA RESURFACING:  
 -HOT-MIX ASPHALT SURFACE REMOVAL, 2"  
 -POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"  
 -HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1 1/2"

SALEM DRIVE - ROADWAY PLAN

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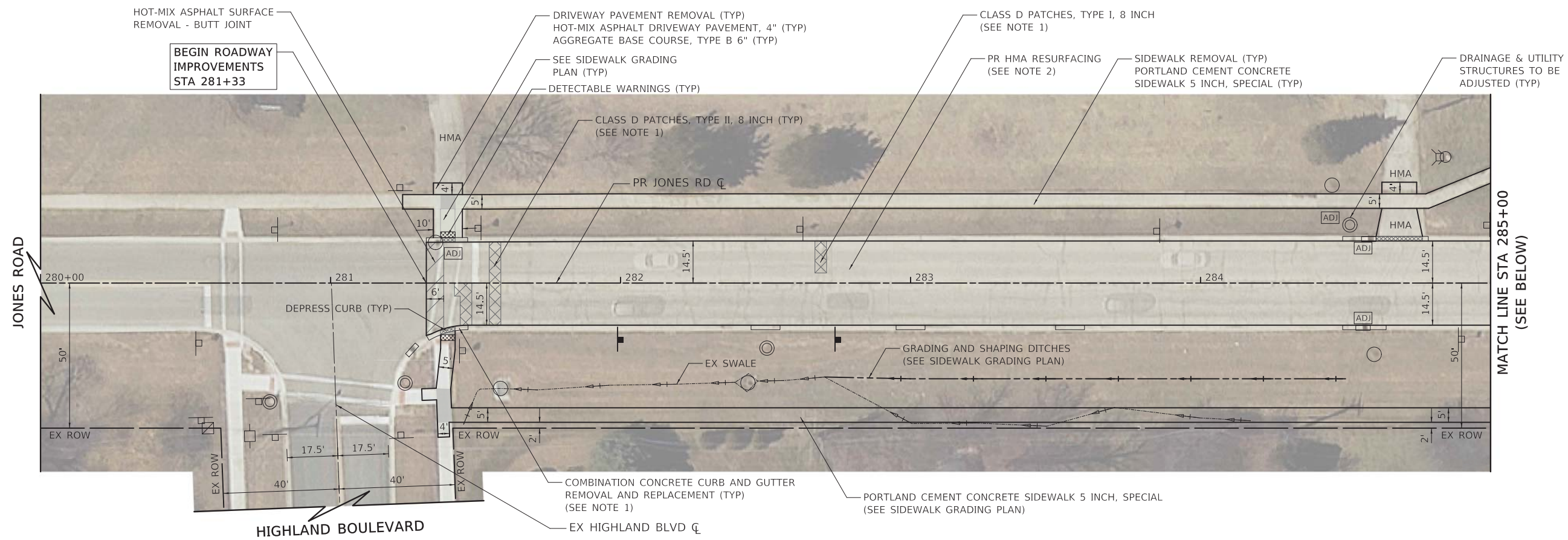
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SALEM DRIVE  
 ROADWAY PLAN

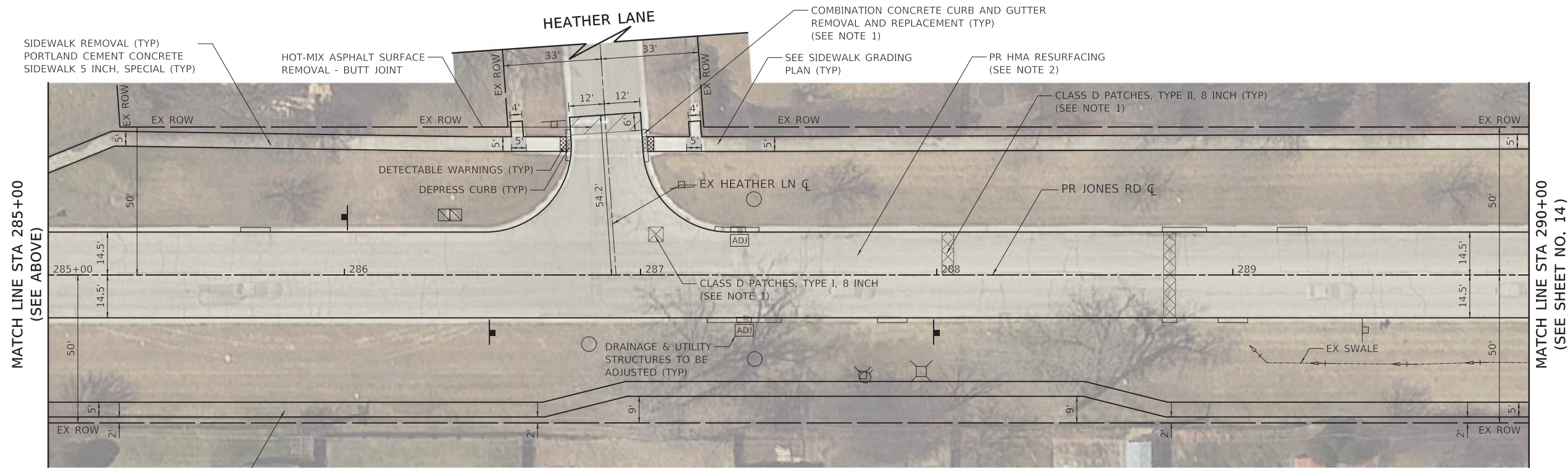
SCALE: 1" = 20' SHEET OF SHEETS STA. 209+50 TO STA. 214+33

| F.A.U. RTE.               | SECTION        | COUNTY | TOTAL SHEETS       | SHEET NO. |
|---------------------------|----------------|--------|--------------------|-----------|
| 1199                      | 17-00100-00-R5 | COOK   | 37                 | 12        |
| ILLINOIS FED. AID PROJECT |                |        | CONTRACT NO. 61H09 |           |





JONES ROAD - ROADWAY PLAN



JONES ROAD - ROADWAY PLAN

PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL (SEE SIDEWALK GRADING PLAN)

**NOTES**

1. THE LOCATIONS AND DIMENSIONS OF ALL PAVEMENT PATCHING AND CURB AND GUTTER REPLACEMENT SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. FOR ADDITIONAL DETAILS, SEE CONSTRUCTION SEQUENCE NOTES AND OTHER RELEVANT NOTES IN THE GENERAL NOTES ON SHEET NO. 2 & 3.
2. PR HMA RESURFACING:  
 -HOT-MIX ASPHALT SURFACE REMOVAL, 2"  
 -POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"  
 -HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1 1/2"

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| PLOT DATE = 2/8/2021        | CHECKED - DNM   | REVISED - |
|                             | DATE - 02/08/21 | REVISED - |

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

JONES ROAD  
 ROADWAY PLAN

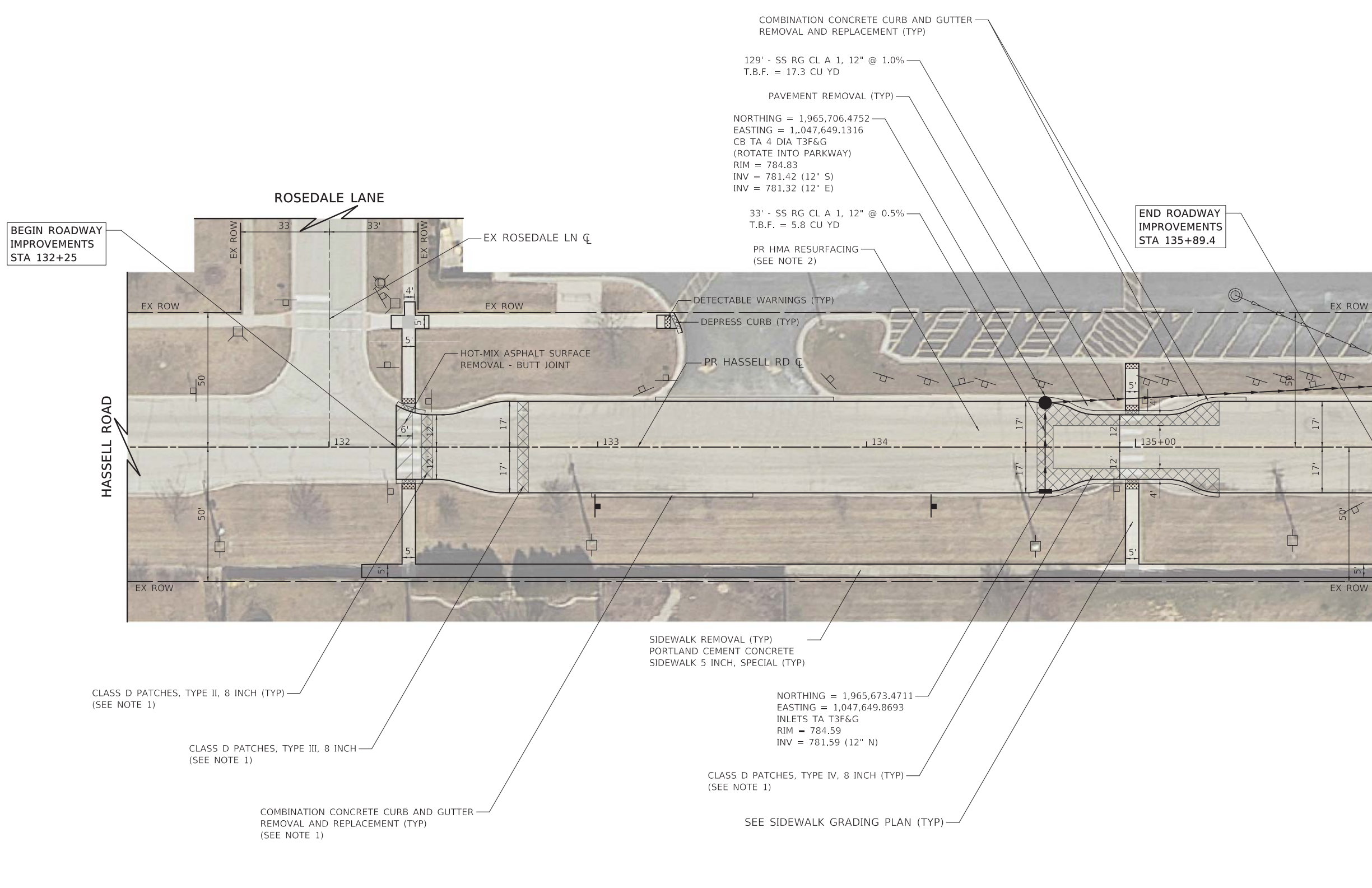
SCALE: 1" = 20' SHEET OF SHEETS STA. 281+33 TO STA. 290+00

|                    |                |        |                           |           |
|--------------------|----------------|--------|---------------------------|-----------|
| F.A.U. RTE.        | SECTION        | COUNTY | TOTAL SHEETS              | SHEET NO. |
| 1101               | 17-00100-00-R5 | COOK   | 37                        | 13        |
| CONTRACT NO. 61H09 |                |        | ILLINOIS FED. AID PROJECT |           |









BEGIN ROADWAY IMPROVEMENTS STA 132+25

END ROADWAY IMPROVEMENTS STA 135+89.4

HASSELL MATCH LINE STA 135+89.4  
 JONES MATCH LINE STA 298+97.6  
 (SEE SHEET NO. 14)

COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (TYP)

129' - SS RG CL A 1, 12" @ 1.0%  
 T.B.F. = 17.3 CU YD

PAVEMENT REMOVAL (TYP)

NORTHING = 1,965,706.4752  
 EASTING = 1,047,649.1316  
 CB TA 4 DIA T3F&G  
 (ROTATE INTO PARKWAY)  
 RIM = 784.83  
 INV = 781.42 (12" S)  
 INV = 781.32 (12" E)

33' - SS RG CL A 1, 12" @ 0.5%  
 T.B.F. = 5.8 CU YD

PR HMA RESURFACING  
 (SEE NOTE 2)

DETECTABLE WARNINGS (TYP)

DEPRESS CURB (TYP)

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

PR HASSELL RD CL

SIDEWALK REMOVAL (TYP)  
 PORTLAND CEMENT CONCRETE  
 SIDEWALK 5 INCH, SPECIAL (TYP)

NORTHING = 1,965,673.4711  
 EASTING = 1,047,649.8693  
 INLETS TA T3F&G  
 RIM = 784.59  
 INV = 781.59 (12" N)

CLASS D PATCHES, TYPE IV, 8 INCH (TYP)  
 (SEE NOTE 1)

SEE SIDEWALK GRADING PLAN (TYP)

CLASS D PATCHES, TYPE II, 8 INCH (TYP)  
 (SEE NOTE 1)

CLASS D PATCHES, TYPE III, 8 INCH  
 (SEE NOTE 1)

COMBINATION CONCRETE CURB AND GUTTER  
 REMOVAL AND REPLACEMENT (TYP)  
 (SEE NOTE 1)

**NOTES**

1. THE LOCATIONS AND DIMENSIONS OF ALL PAVEMENT PATCHING AND CURB AND GUTTER REPLACEMENT SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. FOR ADDITIONAL DETAILS, SEE CONSTRUCTION SEQUENCE NOTES AND OTHER RELEVANT NOTES IN THE GENERAL NOTES ON SHEET NO. 2 & 3.
2. PR HMA RESURFACING:  
 -HOT-MIX ASPHALT SURFACE REMOVAL, 2"  
 -POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"  
 -HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1 1/2"

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| PLOT DATE = 2/8/2021       | DATE - 02/08/21 | REVISED - |

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

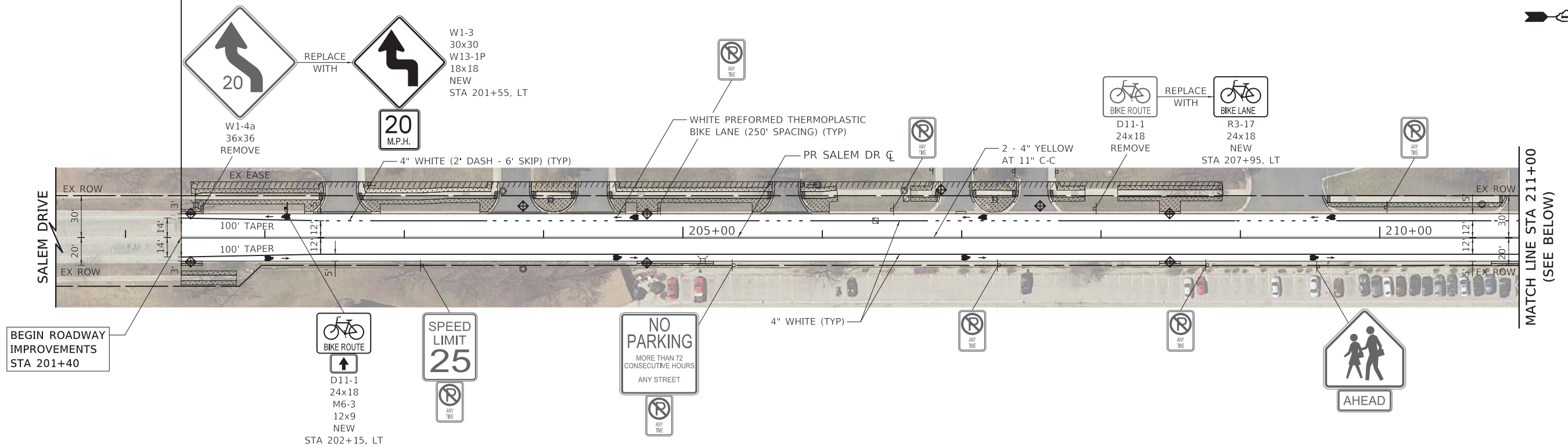
HASSELL ROAD  
 ROADWAY PLAN

SCALE: 1" = 20' SHEET OF SHEETS STA. 132+25 TO STA. 135+89.4

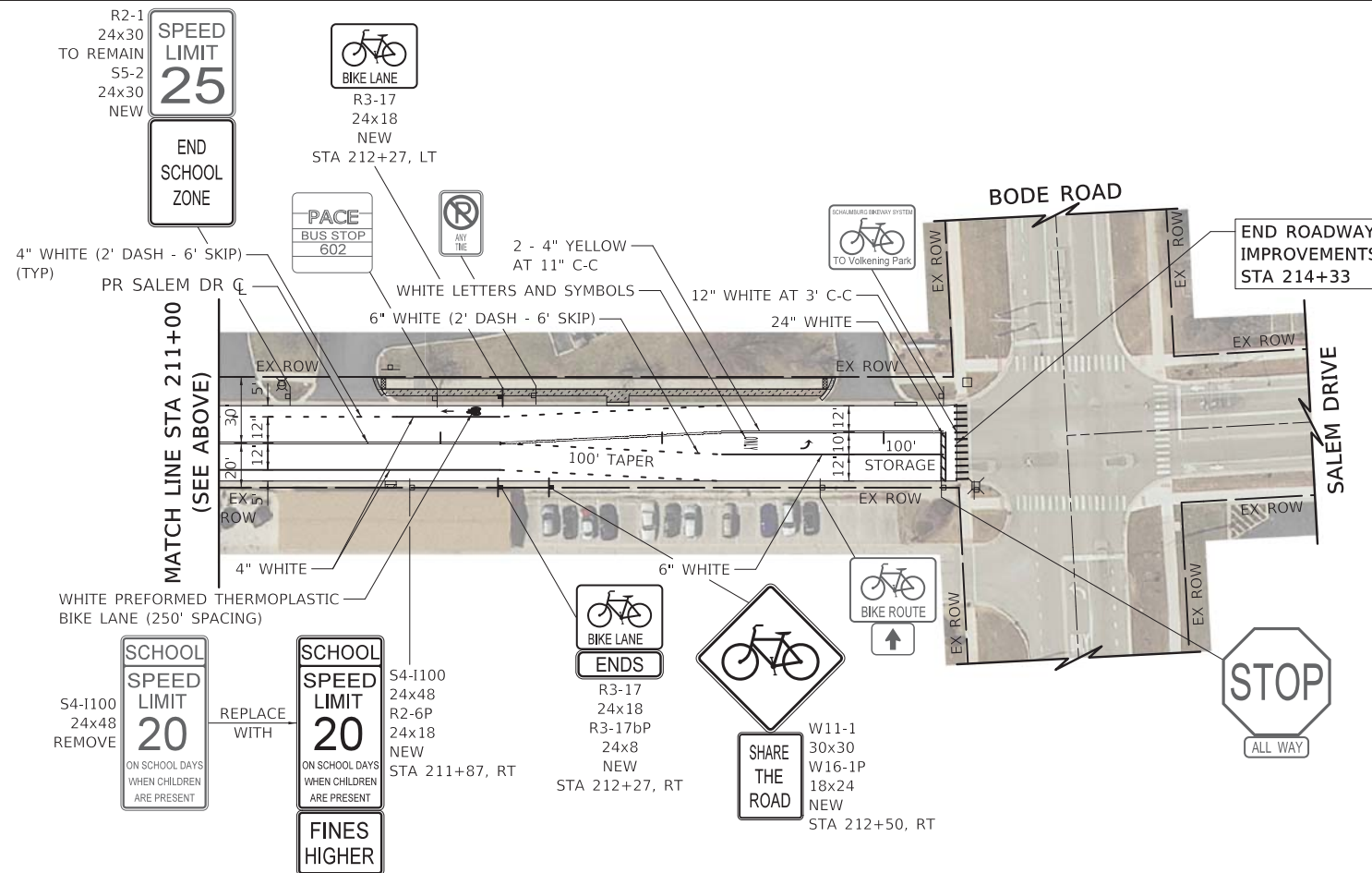
| F.A.U. RTE.               | SECTION        | COUNTY | TOTAL SHEETS       | SHEET NO. |
|---------------------------|----------------|--------|--------------------|-----------|
| 1100                      | 17-00100-00-R5 | COOK   | 37                 | 15        |
| ILLINOIS FED. AID PROJECT |                |        | CONTRACT NO. 61H09 |           |

HASSELL ROAD - ROADWAY PLAN

VILLAGE OF SCHAUMBURG | VILLAGE OF HOFFMAN ESTATES



SALEM DRIVE - PAVEMENT MARKING, SIGNING AND LANDSCAPING PLAN



- LEGEND**
- NEW SIGN PANEL, TYPE 1 TELESCOPING STEEL SIGN SUPPORT
  - EX SIGN
  - EX SIGN ATTACHED TO POLE
  - PR SIGN
  - PR LETTERS AND SYMBOLS
  - TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH (6" MIN.) SEEDING, CLASS 1 EROSION CONTROL BLANKET
  - INLET FILTERS

- NOTES**
1. ALL SIGNS ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED.
  2. ALL PROPOSED SIGN FACES SHALL BE TYPE AZ (DIAMOND GRADE) REFLECTORIZED SHEETING. THIS WORK SHALL BE PAID FOR AS "SIGN PANEL" OF THE TYPE SPECIFIED.
  3. ALL PERMANENT PAVEMENT MARKINGS SHALL BE MODIFIED URETHANE UNLESS OTHERWISE NOTED.
  4. DIMENSIONS TO PAVEMENT MARKINGS ARE TO THE CENTER OF A SINGLE LINE OR THE CENTER OF GAP FOR A DOUBLE LINE.
  5. THE TOPSOIL AND SEEDING RESTORATION LIMITS SHALL NOT EXCEED 2' BEYOND SIDEWALK AND CURB AND GUTTER REPLACEMENT OR THE LIMITS SHOWN ON THE PLANS.

SALEM DRIVE - PAVEMENT MARKING, SIGNING AND LANDSCAPING PLAN

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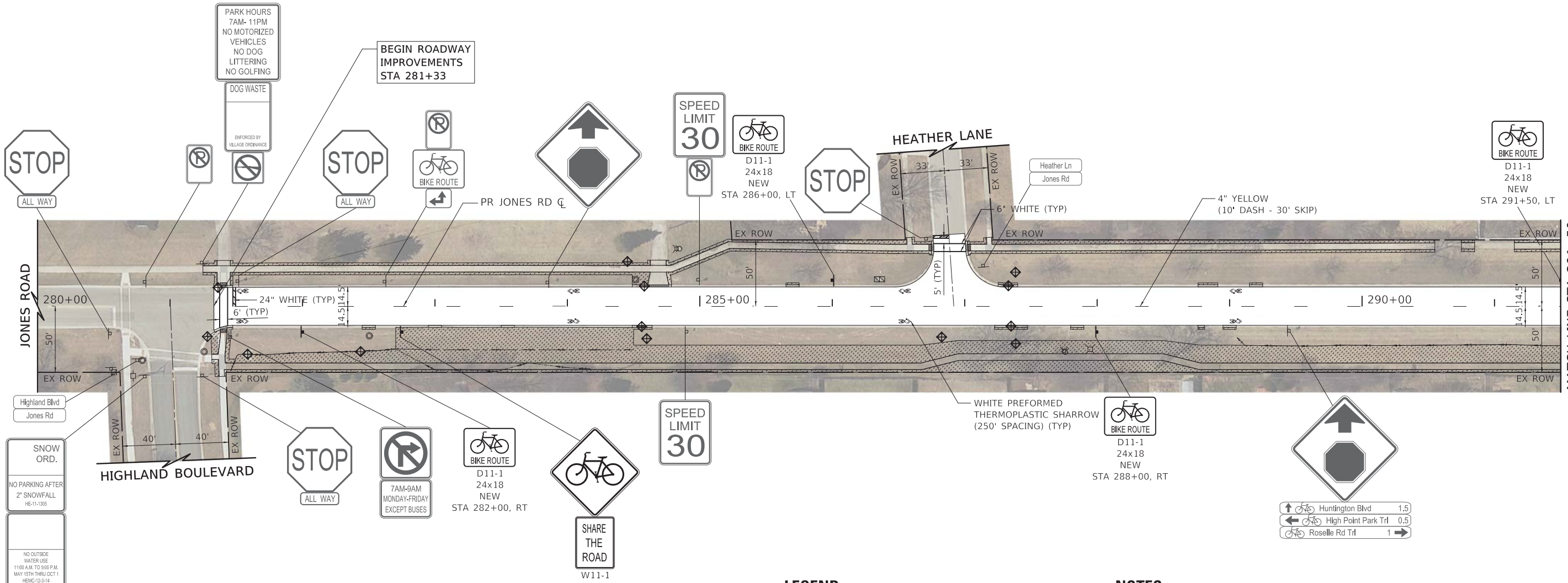
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| PLOT SCALE = 40.0000' / in. | DRAWN - MC      | REVISED - |
| PLOT DATE = 2/8/2021        | CHECKED - DNM   | REVISED - |
|                             | DATE - 02/08/21 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

|  |                 |
|--|-----------------|
| SALEM DRIVE                                    |                 |
| PAVEMENT MARKING, SIGNING AND LANDSCAPING PLAN |                 |
| SCALE: 1" = 40'                                | SHEET OF SHEETS |
| STA. 201+40                                    | TO STA. 214+33  |

|                           |                |        |              |           |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE.               | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1199                      | 17-00100-00-R5 | COOK   | 37           | 16        |
| CONTRACT NO. 61H09        |                |        |              |           |
| ILLINOIS FED. AID PROJECT |                |        |              |           |





- LEGEND**
- NEW SIGN PANEL, TYPE 1  
TELESCOPING STEEL SIGN SUPPORT
  - EX SIGN
  - EX SIGN ATTACHED TO POLE
  - PR SIGN
  - PR LETTERS AND SYMBOLS
  - TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH (6" MIN.)  
SEEDING, CLASS 1  
EROSION CONTROL BLANKET
  - INLET FILTERS

- NOTES**
1. ALL SIGNS ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED.
  2. ALL PROPOSED SIGN FACES SHALL BE TYPE AZ (DIAMOND GRADE) REFLECTORIZED SHEETING. THIS WORK SHALL BE PAID FOR AS "SIGN PANEL" OF THE TYPE SPECIFIED.
  3. ALL PERMANENT PAVEMENT MARKINGS SHALL BE MODIFIED URETHANE UNLESS OTHERWISE NOTED.
  4. DIMENSIONS TO PAVEMENT MARKINGS ARE TO THE CENTER OF A SINGLE LINE OR THE CENTER OF GAP FOR A DOUBLE LINE.
  5. THE TOPSOIL AND SEEDING RESTORATION LIMITS SHALL NOT EXCEED 2' BEYOND SIDEWALK AND CURB AND GUTTER REPLACEMENT OR THE LIMITS SHOWN ON THE PLANS.

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**JONES ROAD  
PAVEMENT MARKING, SIGNING AND LANDSCAPING PLAN**

SCALE: 1" = 40' SHEET OF SHEETS STA. 281+33 TO STA. 291+50

| F.A.U. RTE.        | SECTION        | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|----------------|--------|---------------------------|-----------|
| 1101               | 17-00100-00-R5 | COOK   | 37                        | 17        |
| CONTRACT NO. 61H09 |                |        | ILLINOIS FED. AID PROJECT |           |

**LEGEND**

- NEW SIGN PANEL, TYPE 1  
TELESCOPING STEEL SIGN SUPPORT
- EX SIGN
- EX SIGN ATTACHED TO POLE
- PR SIGN
- PR LETTERS AND SYMBOLS
- TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH (6" MIN.)  
SEEDING, CLASS 1  
EROSION CONTROL BLANKET
- INLET FILTERS

**NOTES**

1. ALL SIGNS ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED.
2. ALL PROPOSED SIGN FACES SHALL BE TYPE AZ (DIAMOND GRADE) REFLECTORIZED SHEETING. THIS WORK SHALL BE PAID FOR AS "SIGN PANEL" OF THE TYPE SPECIFIED.
3. ALL PERMANENT PAVEMENT MARKINGS SHALL BE MODIFIED URETHANE UNLESS OTHERWISE NOTED.
4. DIMENSIONS TO PAVEMENT MARKINGS ARE TO THE CENTER OF A SINGLE LINE OR THE CENTER OF GAP FOR A DOUBLE LINE.
5. THE TOPSOIL AND SEEDING RESTORATION LIMITS SHALL NOT EXCEED 2' BEYOND SIDEWALK AND CURB AND GUTTER REPLACEMENT OR THE LIMITS SHOWN ON THE PLANS.

D3-1 VAR.x8  
D3-1 VAR.x8  
NEW  
STA 132+22, LT  
Rosedale Ln  
Hassell Rd  
REPLACE WITH  
D3-1 VAR.x8  
D3-1 VAR.x8  
REMOVE  
ROSEDALE LN  
HASSELL RD

BEGIN ROADWAY IMPROVEMENTS  
STA 132+25

D11-1 24x18 NEW  
STA 133+00, RT  
BIKE ROUTE

2 - 4" YELLOW AT 11" C-C (TYP)  
PR HASSELL RD C  
12" WHITE AT 50' C-C  
45° ANGLE (TYP)

4" WHITE (TYP)

15 M.P.H.  
W1-1 30x30  
W13-1P 18x18  
NEW  
STA 134+25, RT

D11-1 24x18 NEW  
STA 297+77, LT  
BIKE ROUTE

PR JONES RD C  
WHITE PREFORMED THERMOPLASTIC SHARROW (250' SPACING) (TYP)

15 M.P.H.  
W1-1a 36x36  
REMOVE  
STA 296+11, RT

W11-1 30x30  
W16-1P 18x24  
NEW  
STA 293+90, RT

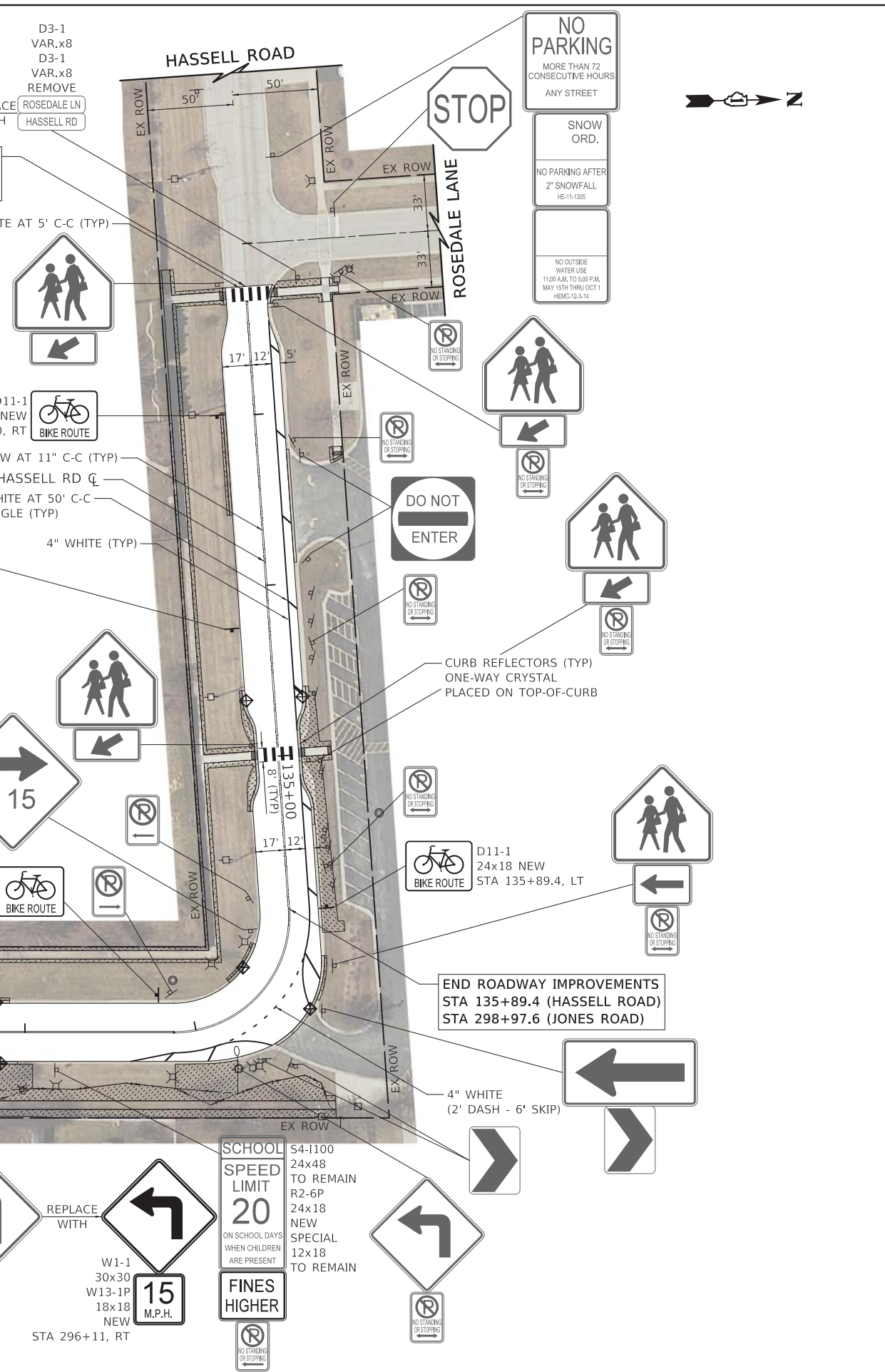
7AM-9AM MONDAY-FRIDAY EXCEPT BUSES

7AM-9AM MONDAY-FRIDAY EXCEPT BUSES

SCHOOL SPEED LIMIT 20 ON SCHOOL DAYS WHEN CHILDREN ARE PRESENT  
FINES HIGHER

7AM-9AM MONDAY-FRIDAY EXCEPT BUSES

7AM-9AM MONDAY-FRIDAY EXCEPT BUSES



SPEED LIMIT 30  
R2-1 24x30 TO REMAIN  
S5-2 24x30 NEW  
END SCHOOL ZONE

6" WHITE (TYP)  
24" WHITE (TYP)  
4" YELLOW (10' DASH - 30' SKIP)

MATCH LINE STA 291+50 (SEE SHEET NO. 17)

40' 40' 40' 40'

5' (TYP) 6' (TYP) 17'

STOP ALL WAY

STOP ALL WAY

STOP ALL WAY

Jones Rd  
Hillcrest Blvd  
Historic Jahns Road

STOP ALL WAY

HILLCREST BOULEVARD

STOP ALL WAY

STOP ALL WAY

STOP ALL WAY

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|                            |                 |           |
|----------------------------|-----------------|-----------|
| USER NAME = mjp            | DESIGNED - MJP  | REVISED - |
|                            | DRAWN - MC      | REVISED - |
| PLOT SCALE = 40.0000' / 1" | CHECKED - DNM   | REVISED - |
| PLOT DATE = 2/8/2021       | DATE - 02/08/21 | REVISED - |

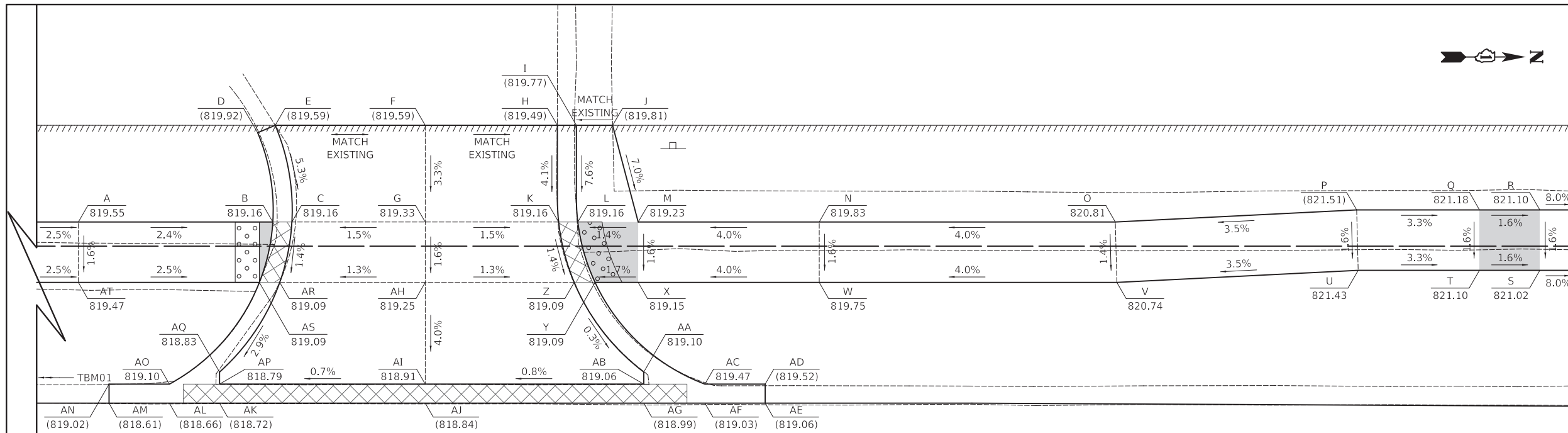
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

JONES ROAD AND HASSELL ROAD  
PAVEMENT MARKING, SIGNING AND LANDSCAPING PLAN

|                    |                |        |                           |           |
|--------------------|----------------|--------|---------------------------|-----------|
| F.A.U. RTE.        | SECTION        | COUNTY | TOTAL SHEETS              | SHEET NO. |
| 1101               | 17-00100-00-R5 | COOK   | 37                        | 18        |
| CONTRACT NO. 61H09 |                |        | ILLINOIS FED. AID PROJECT |           |

SCALE: 1" = 40' SHEET OF SHEETS STA. 291+50 TO STA. 132+25





MATCH LINE STA 203+50  
(SEE BELOW)

| SALEM DRIVE (TOP PANEL) |                |                |
|-------------------------|----------------|----------------|
| POINT                   | NORTHING       | EASTING        |
| O                       | 1,956,492.2985 | 1,047,072.9367 |
| P                       | 1,956,512.3004 | 1,047,071.9759 |
| Q                       | 1,956,522.4766 | 1,047,071.9958 |
| R                       | 1,956,527.4766 | 1,047,072.0056 |
| S                       | 1,956,527.4668 | 1,047,077.0056 |
| T                       | 1,956,522.4668 | 1,047,076.9958 |
| U                       | 1,956,512.4155 | 1,047,076.9761 |
| V                       | 1,956,492.4136 | 1,047,077.9369 |
| W                       | 1,956,467.7573 | 1,047,077.8886 |
| X                       | 1,956,452.7573 | 1,047,077.8592 |
| Y                       | 1,956,449.1845 | 1,047,077.8522 |
| Z                       | 1,956,447.4570 | 1,047,077.8488 |
| AA                      | 1,956,453.2065 | 1,047,085.2801 |
| AB                      | 1,956,453.2045 | 1,047,086.2801 |
| AC                      | 1,956,458.2667 | 1,047,086.2900 |
| AD                      | 1,956,463.2666 | 1,047,086.2998 |
| AE                      | 1,956,463.2636 | 1,047,087.8798 |
| AF                      | 1,956,458.2636 | 1,047,087.8700 |
| AG                      | 1,956,453.2014 | 1,047,087.8601 |
| AH                      | 1,956,435.1172 | 1,047,077.8247 |
| AI                      | 1,956,435.1007 | 1,047,086.2447 |
| AJ                      | 1,956,435.0976 | 1,047,087.8247 |
| AK                      | 1,956,418.0531 | 1,047,087.7913 |
| AL                      | 1,956,413.8983 | 1,047,087.7831 |
| AM                      | 1,956,408.8983 | 1,047,087.7733 |
| AN                      | 1,956,408.8829 | 1,047,086.1933 |
| AO                      | 1,956,413.9014 | 1,047,086.2031 |
| AP                      | 1,956,418.0562 | 1,047,086.2113 |
| AQ                      | 1,956,418.0582 | 1,047,085.2113 |
| AR                      | 1,956,423.0606 | 1,047,077.8011 |
| AS                      | 1,956,421.3739 | 1,047,077.7977 |
| AT                      | 1,956,406.3739 | 1,047,077.7684 |

| SALEM DRIVE (TOP PANEL) |                |                |
|-------------------------|----------------|----------------|
| POINT                   | NORTHING       | EASTING        |
| A                       | 1,956,406.3837 | 1,047,072.7684 |
| B                       | 1,956,422.4944 | 1,047,072.7999 |
| C                       | 1,956,424.0772 | 1,047,072.8030 |
| D                       | 1,956,421.2546 | 1,047,065.4104 |
| E                       | 1,956,422.7121 | 1,047,064.8003 |
| F                       | 1,956,435.1427 | 1,047,064.8247 |
| G                       | 1,956,435.1270 | 1,047,072.8247 |

| SALEM DRIVE (TOP PANEL) |                |                |
|-------------------------|----------------|----------------|
| POINT                   | NORTHING       | EASTING        |
| H                       | 1,956,446.0866 | 1,047,064.8461 |
| I                       | 1,956,447.6666 | 1,047,064.8492 |
| J                       | 1,956,450.6666 | 1,047,064.8551 |
| K                       | 1,956,446.1769 | 1,047,072.8463 |
| L                       | 1,956,447.7671 | 1,047,072.8494 |
| M                       | 1,956,452.7671 | 1,047,072.8592 |
| N                       | 1,956,467.7671 | 1,047,072.8886 |

**CONTROL POINTS**

CP01: CROSS CUT (SET) IN SIDEWALK LOCATED AT:  
 NORTHING = 1,956,224.2650  
 EASTING = 1,047,075.9290  
 ELEVATION = 820.21

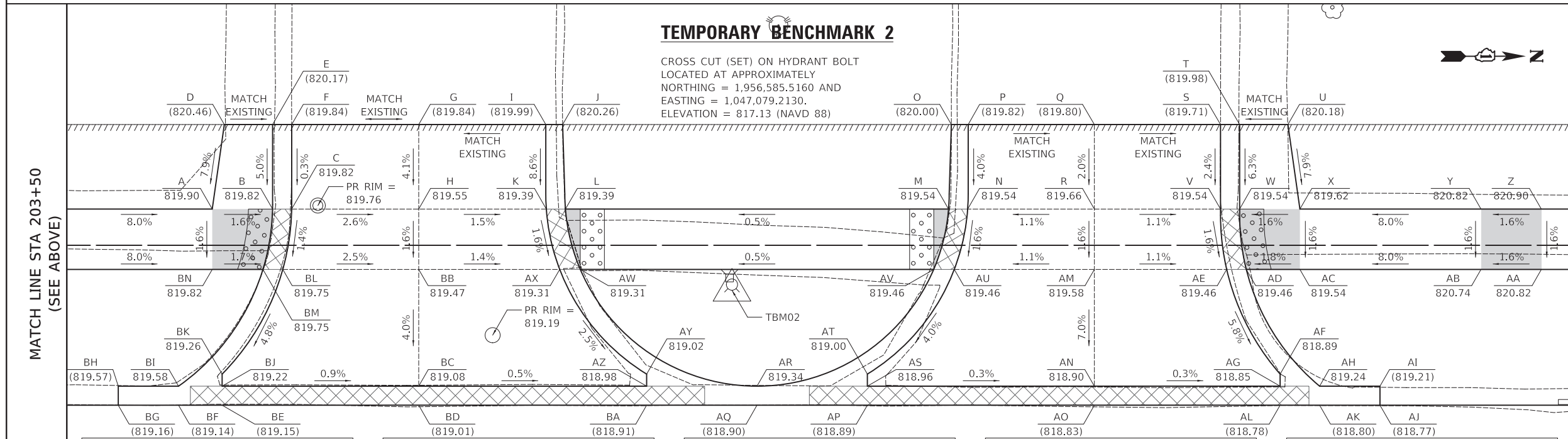
CP02: CROSS CUT (SET) IN SIDEWALK LOCATED AT:  
 NORTHING = 1,956,531.7120  
 EASTING = 1,047,075.1430  
 ELEVATION = 821.03

**BASIS OF COORDINATES**

COORDINATES ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM (NAD 83).

**TEMPORARY BENCHMARK 1**

CROSS CUT (SET) IN BACK-OF-CURB LOCATED AT APPROXIMATELY  
 NORTHING = 1,956,393.7320 AND EASTING = 1,047,086.3920.  
 ELEVATION = 818.91 (NAVD 88)



MATCH LINE STA 203+50  
(SEE ABOVE)

MATCH LINE STA 204+75  
(SEE SHEET NO. 20)

| SALEM DRIVE (TOP PANEL) |                |                |
|-------------------------|----------------|----------------|
| POINT                   | NORTHING       | EASTING        |
| AJ                      | 1,956,639.1995 | 1,047,088.4745 |
| AK                      | 1,956,634.1995 | 1,047,088.4647 |
| AL                      | 1,956,630.9222 | 1,047,088.4583 |
| AM                      | 1,956,615.5570 | 1,047,077.1782 |
| AN                      | 1,956,615.5380 | 1,047,086.8481 |
| AO                      | 1,956,615.5349 | 1,047,088.4281 |
| AP                      | 1,956,596.7274 | 1,047,088.3913 |
| AQ                      | 1,956,587.5818 | 1,047,088.3734 |
| AR                      | 1,956,587.5849 | 1,047,086.7934 |
| AS                      | 1,956,596.7305 | 1,047,086.8113 |
| AT                      | 1,956,596.7325 | 1,047,085.8113 |
| AU                      | 1,956,603.9496 | 1,047,077.1554 |
| AV                      | 1,956,602.2456 | 1,047,077.1521 |
| AW                      | 1,956,572.9620 | 1,047,077.0947 |
| AX                      | 1,956,571.2580 | 1,047,077.0914 |
| AY                      | 1,956,578.4411 | 1,047,085.7755 |
| AZ                      | 1,956,578.4392 | 1,047,086.7755 |
| BA                      | 1,956,578.4361 | 1,047,088.3555 |
| BB                      | 1,956,559.5772 | 1,047,077.0685 |
| BC                      | 1,956,559.5583 | 1,047,086.7385 |
| BD                      | 1,956,559.5552 | 1,047,088.3185 |
| BE                      | 1,956,543.2687 | 1,047,088.2866 |
| BF                      | 1,956,539.6582 | 1,047,088.2795 |
| BG                      | 1,956,534.6583 | 1,047,088.2697 |
| BH                      | 1,956,534.6613 | 1,047,086.6897 |
| BI                      | 1,956,539.6613 | 1,047,086.6995 |
| BJ                      | 1,956,543.2718 | 1,047,086.7066 |
| BK                      | 1,956,543.2737 | 1,047,085.7066 |
| BL                      | 1,956,548.3152 | 1,047,077.0464 |
| BM                      | 1,956,546.6694 | 1,047,077.0432 |
| BN                      | 1,956,542.4668 | 1,047,077.0350 |

| SALEM DRIVE (BOTTOM PANEL) |                |                |
|----------------------------|----------------|----------------|
| POINT                      | NORTHING       | EASTING        |
| A                          | 1,956,542.4766 | 1,047,072.0350 |
| B                          | 1,956,547.4766 | 1,047,072.0448 |
| C                          | 1,956,549.0569 | 1,047,072.0479 |
| D                          | 1,956,543.4941 | 1,047,065.0370 |
| E                          | 1,956,547.4941 | 1,047,065.0448 |
| F                          | 1,956,549.0741 | 1,047,065.0479 |
| G                          | 1,956,559.6007 | 1,047,065.0685 |

| SALEM DRIVE (TOP PANEL) |                |                |
|-------------------------|----------------|----------------|
| POINT                   | NORTHING       | EASTING        |
| H                       | 1,956,559.5870 | 1,047,072.0685 |
| I                       | 1,956,570.1273 | 1,047,065.0891 |
| J                       | 1,956,571.5243 | 1,047,065.0919 |
| K                       | 1,956,570.1583 | 1,047,072.0892 |
| L                       | 1,956,571.7428 | 1,047,072.0923 |
| M                       | 1,956,603.4844 | 1,047,072.1545 |
| N                       | 1,956,605.0689 | 1,047,072.1576 |

| SALEM DRIVE (TOP PANEL) |                |                |
|-------------------------|----------------|----------------|
| POINT                   | NORTHING       | EASTING        |
| O                       | 1,956,603.7303 | 1,047,065.1550 |
| P                       | 1,956,605.1273 | 1,047,065.1577 |
| Q                       | 1,956,615.5805 | 1,047,065.1782 |
| R                       | 1,956,615.5668 | 1,047,072.1782 |
| S                       | 1,956,626.0337 | 1,047,065.1987 |
| T                       | 1,956,627.6137 | 1,047,065.2018 |
| U                       | 1,956,631.6137 | 1,047,065.2096 |

| SALEM DRIVE (TOP PANEL) |                |                |
|-------------------------|----------------|----------------|
| POINT                   | NORTHING       | EASTING        |
| V                       | 1,956,626.0200 | 1,047,072.1987 |
| W                       | 1,956,627.6000 | 1,047,072.2018 |
| X                       | 1,956,632.6000 | 1,047,072.2115 |
| Y                       | 1,956,647.5999 | 1,047,072.2409 |
| Z                       | 1,956,652.5999 | 1,047,072.2507 |
| AA                      | 1,956,652.5901 | 1,047,077.2507 |
| AB                      | 1,956,647.5902 | 1,047,077.2409 |

| SALEM DRIVE (TOP PANEL) |                |                |
|-------------------------|----------------|----------------|
| POINT                   | NORTHING       | EASTING        |
| AC                      | 1,956,632.5902 | 1,047,077.2115 |
| AD                      | 1,956,628.1442 | 1,047,077.2028 |
| AE                      | 1,956,626.5192 | 1,047,077.1996 |
| AF                      | 1,956,630.9273 | 1,047,085.8783 |
| AG                      | 1,956,630.9253 | 1,047,086.8783 |
| AH                      | 1,956,634.2026 | 1,047,086.8847 |
| AI                      | 1,956,639.2026 | 1,047,086.8945 |

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USER NAME = mjp  
 PLOT SCALE = 5.0000' / in.  
 PLOT DATE = 2/8/2021

DESIGNED - MJP  
 DRAWN - MC  
 CHECKED - DNM  
 DATE - 02/08/21

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

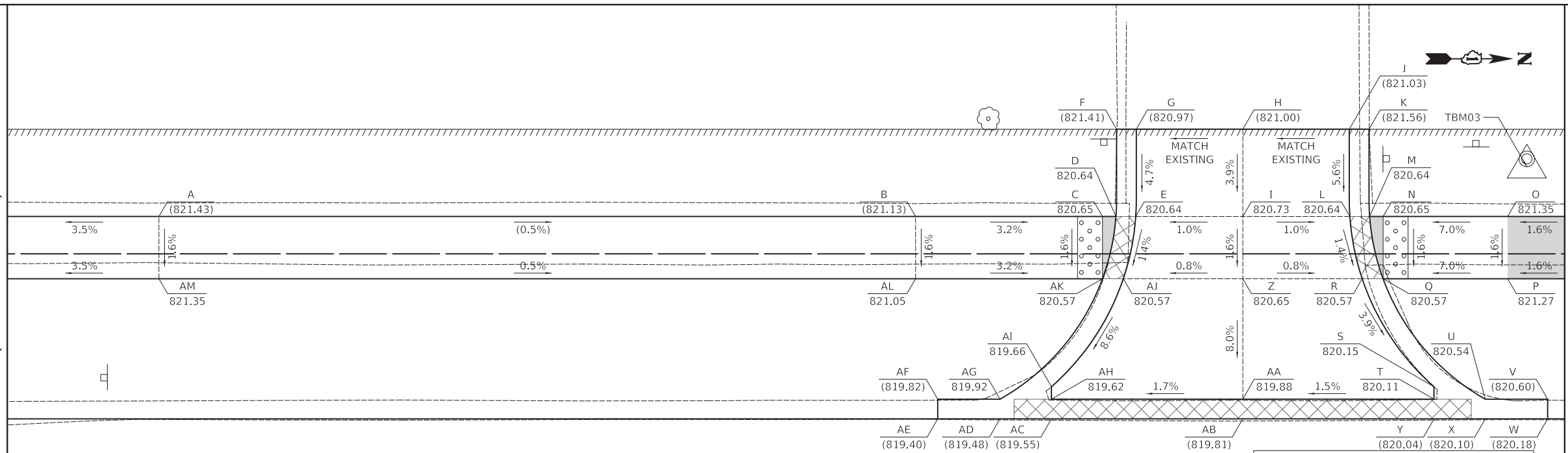
SALEM DRIVE  
 SIDEWALK GRADING PLAN

SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

| F.A.U. RTE.        | SECTION        | COUNTY           | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|------------------|--------------|-----------|
| 1199               | 17-00100-00-R5 | COOK             | 37           | 19        |
| CONTRACT NO. 61H09 |                |                  |              |           |
| ILLINOIS           |                | FED. AID PROJECT |              |           |

MATCH LINE STA 204+75  
(SEE SHEET NO. 19)

MATCH LINE STA 206+00  
(SEE BELOW)



**CONTROL POINTS**

CP03: CROSS CUT (SET) IN SIDEWALK LOCATED AT:  
NORTHING = 1,956,669.3890  
EASTING = 1,047,075.4810  
ELEVATION = 821.34

CP04: CROSS CUT (SET) IN SIDEWALK LOCATED AT:  
NORTHING = 1,956,776.1270  
EASTING = 1,047,074.0970  
ELEVATION = 821.41

**BASIS OF COORDINATES**

COORDINATES ARE BASED ON THE ILLINOIS  
STATE PLANE COORDINATE SYSTEM (NAD 83).

**TEMPORARY BENCHMARK 3**

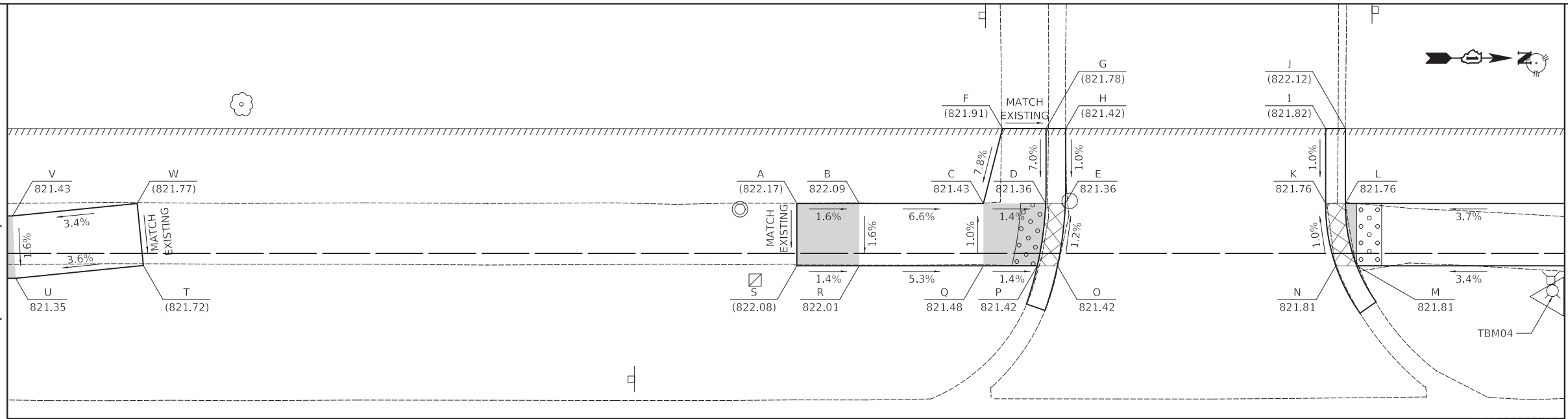
CROSS CUT (SET) IN VALVE VAULT LOCATED AT APPROXIMATELY  
NORTHING = 1,956,777.6600 AND EASTING = 1,047,068.8650.  
ELEVATION = 821.63 (NAVD 88)

| SALEM DRIVE (TOP PANEL) |                |                |
|-------------------------|----------------|----------------|
| POINT                   | NORTHING       | EASTING        |
| A                       | 1,956,667.5999 | 1,047,072.2801 |
| B                       | 1,956,728.3289 | 1,047,072.3991 |
| C                       | 1,956,743.3289 | 1,047,072.4285 |
| D                       | 1,956,744.4141 | 1,047,072.4306 |
| E                       | 1,956,745.9981 | 1,047,072.4337 |
| F                       | 1,956,744.4787 | 1,047,065.4307 |
| G                       | 1,956,746.0587 | 1,047,065.4338 |

| SALEM DRIVE (TOP PANEL) |                |                |
|-------------------------|----------------|----------------|
| POINT                   | NORTHING       | EASTING        |
| H                       | 1,956,754.6065 | 1,047,065.4506 |
| I                       | 1,956,754.5928 | 1,047,072.4505 |
| J                       | 1,956,763.1542 | 1,047,065.4673 |
| K                       | 1,956,764.7342 | 1,047,065.4704 |
| L                       | 1,956,763.1865 | 1,047,072.4674 |
| M                       | 1,956,764.7704 | 1,047,072.4705 |
| N                       | 1,956,765.8515 | 1,047,072.4726 |
| O                       | 1,956,775.8515 | 1,047,072.4922 |
| P                       | 1,956,775.8417 | 1,047,077.4922 |
| Q                       | 1,956,765.8417 | 1,047,077.4726 |
| R                       | 1,956,764.1673 | 1,047,077.4693 |
| S                       | 1,956,769.9135 | 1,047,086.1506 |
| T                       | 1,956,769.9115 | 1,047,087.1506 |
| U                       | 1,956,774.0292 | 1,047,087.1586 |
| V                       | 1,956,779.0292 | 1,047,087.1684 |
| W                       | 1,956,779.0261 | 1,047,088.7484 |
| X                       | 1,956,774.0261 | 1,047,088.7386 |
| Y                       | 1,956,769.9084 | 1,047,088.7306 |
| Z                       | 1,956,754.5830 | 1,047,077.4505 |
| AA                      | 1,956,754.5640 | 1,047,087.1205 |
| AB                      | 1,956,754.5609 | 1,047,088.7005 |
| AC                      | 1,956,739.1976 | 1,047,088.6704 |
| AD                      | 1,956,735.0712 | 1,047,088.6623 |
| AE                      | 1,956,730.0712 | 1,047,088.6525 |
| AF                      | 1,956,730.0743 | 1,047,087.0725 |
| AG                      | 1,956,735.0743 | 1,047,087.0823 |
| AH                      | 1,956,739.2007 | 1,047,087.0904 |
| AI                      | 1,956,739.2027 | 1,047,086.0904 |
| AJ                      | 1,956,744.9940 | 1,047,077.4317 |
| AK                      | 1,956,743.3191 | 1,047,077.4285 |
| AL                      | 1,956,728.3191 | 1,047,077.3991 |
| AM                      | 1,956,667.5901 | 1,047,077.2801 |

MATCH LINE STA 206+00  
(SEE ABOVE)

MATCH LINE STA 207+25  
(SEE SHEET NO. 21)



**CONTROL POINTS**

CP05: CROSS CUT (SET) IN SIDEWALK LOCATED AT:  
NORTHING = 1,956,833.4490  
EASTING = 1,047,075.9110  
ELEVATION = 822.10

**TEMPORARY BENCHMARK 4**

CROSS CUT (SET) ON HYDRANT BOLT LOCATED AT APPROXIMATELY  
NORTHING = 1,956,904.5280 AND EASTING = 1,047,078.7410.  
ELEVATION = 825.37 (NAVD 88)

| SALEM DRIVE (BOTTOM PANEL) |                |                |
|----------------------------|----------------|----------------|
| POINT                      | NORTHING       | EASTING        |
| A                          | 1,956,843.8005 | 1,047,071.6253 |
| B                          | 1,956,848.8005 | 1,047,071.6351 |
| C                          | 1,956,858.7730 | 1,047,071.6546 |
| D                          | 1,956,863.7730 | 1,047,071.6644 |
| E                          | 1,956,865.3544 | 1,047,071.6675 |
| F                          | 1,956,860.3123 | 1,047,065.6576 |
| G                          | 1,956,863.8122 | 1,047,065.6645 |
| H                          | 1,956,865.3922 | 1,047,065.6676 |
| I                          | 1,956,886.2575 | 1,047,065.7085 |
| J                          | 1,956,887.8375 | 1,047,065.7116 |
| K                          | 1,956,886.2457 | 1,047,071.7085 |
| L                          | 1,956,887.8264 | 1,047,071.7116 |
| M                          | 1,956,888.7279 | 1,047,076.7133 |
| N                          | 1,956,887.0460 | 1,047,076.7100 |
| O                          | 1,956,864.7124 | 1,047,076.6663 |
| P                          | 1,956,863.0950 | 1,047,076.6631 |
| Q                          | 1,956,858.7632 | 1,047,076.6546 |
| R                          | 1,956,848.7907 | 1,047,076.6351 |
| S                          | 1,956,843.7907 | 1,047,076.6253 |
| T                          | 1,956,791.3412 | 1,047,076.4977 |
| U                          | 1,956,781.0911 | 1,047,077.5025 |
| V                          | 1,956,780.8515 | 1,047,072.5020 |
| W                          | 1,956,790.8534 | 1,047,071.5216 |

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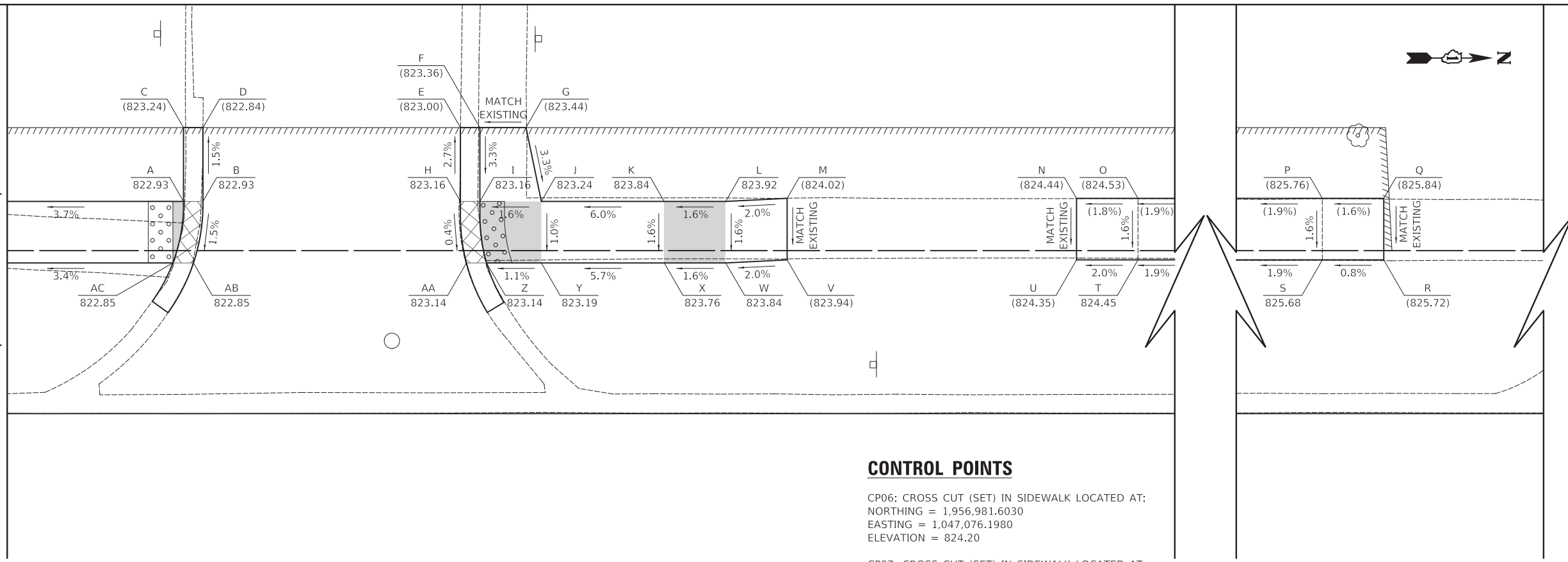
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|---------------------------|-----------------|-----------|
| USER NAME = mjp           | DESIGNED - MJP  | REVISED - |
| PLOT SCALE = 5.0000' / 1" | DRAWN - MC      | REVISED - |
| PLOT DATE = 2/8/2021      | CHECKED - DNM   | REVISED - |
|                           | DATE - 02/08/21 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

|                                      |       |           |              |
|--------------------------------------|-------|-----------|--------------|
| SALEM DRIVE<br>SIDEWALK GRADING PLAN |       |           |              |
| SCALE: 1" = 5'                       | SHEET | OF SHEETS | STA. TO STA. |

|                    |                |        |                           |           |
|--------------------|----------------|--------|---------------------------|-----------|
| F.A.U. RTE.        | SECTION        | COUNTY | TOTAL SHEETS              | SHEET NO. |
| 1199               | 17-00100-00-R5 | COOK   | 37                        | 20        |
| CONTRACT NO. 61H09 |                |        | ILLINOIS FED. AID PROJECT |           |

MATCH LINE STA 207+25  
(SEE SHEET NO. 20)

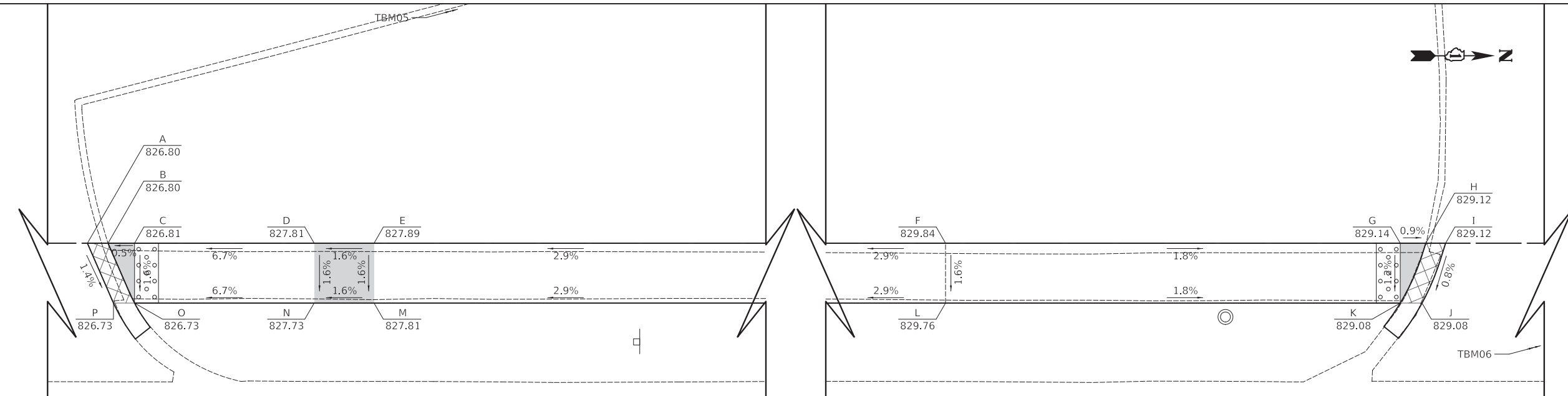


| SALEM DRIVE (TOP PANEL) |                |                |
|-------------------------|----------------|----------------|
| POINT                   | NORTHING       | EASTING        |
| A                       | 1,956,919.7735 | 1,047,071.7741 |
| B                       | 1,956,921.3535 | 1,047,071.7772 |
| C                       | 1,956,919.7853 | 1,047,065.7742 |
| D                       | 1,956,921.3653 | 1,047,065.7772 |
| E                       | 1,956,942.3174 | 1,047,065.8183 |
| F                       | 1,956,943.8974 | 1,047,065.8214 |
| G                       | 1,956,947.6474 | 1,047,065.8287 |
| H                       | 1,956,942.3056 | 1,047,071.8183 |
| I                       | 1,956,943.8856 | 1,047,071.8214 |
| J                       | 1,956,948.8856 | 1,047,071.8312 |
| K                       | 1,956,958.8856 | 1,047,071.8508 |
| L                       | 1,956,963.8856 | 1,047,071.8606 |
| M                       | 1,956,968.8861 | 1,047,071.6204 |
| N                       | 1,956,992.4268 | 1,047,071.6665 |
| O                       | 1,956,997.4268 | 1,047,071.6763 |
| P                       | 1,957,062.4267 | 1,047,071.8036 |
| Q                       | 1,957,067.4267 | 1,047,071.8134 |
| R                       | 1,957,067.4169 | 1,047,076.8134 |
| S                       | 1,957,062.4169 | 1,047,076.8036 |
| T                       | 1,956,997.4170 | 1,047,076.6763 |
| U                       | 1,956,992.4170 | 1,047,076.6665 |
| V                       | 1,956,968.8763 | 1,047,076.6203 |
| W                       | 1,956,963.8758 | 1,047,076.8605 |
| X                       | 1,956,958.8758 | 1,047,076.8508 |
| Y                       | 1,956,948.8758 | 1,047,076.8312 |
| Z                       | 1,956,944.4182 | 1,047,076.8224 |
| AA                      | 1,956,942.7791 | 1,047,076.8192 |
| AB                      | 1,956,920.5754 | 1,047,076.7757 |
| AC                      | 1,956,918.8991 | 1,047,076.7724 |

**CONTROL POINTS**

CP06: CROSS CUT (SET) IN SIDEWALK LOCATED AT:  
 NORTHING = 1,956,981.6030  
 EASTING = 1,047,076.1980  
 ELEVATION = 824.20

CP07: CROSS CUT (SET) IN SIDEWALK LOCATED AT:  
 NORTHING = 1,957,075.5130  
 EASTING = 1,047,076.5350  
 ELEVATION = 825.93



| SALEM DRIVE (BOTTOM PANEL) |                |                |
|----------------------------|----------------|----------------|
| POINT                      | NORTHING       | EASTING        |
| A                          | 1,957,138.7507 | 1,047,076.2031 |
| B                          | 1,957,140.4734 | 1,047,076.2065 |
| C                          | 1,957,142.6866 | 1,047,076.2109 |
| D                          | 1,957,157.6866 | 1,047,076.2402 |
| E                          | 1,957,162.6866 | 1,047,076.2500 |
| F                          | 1,957,230.4181 | 1,047,076.3827 |
| G                          | 1,957,268.3961 | 1,047,076.4571 |
| H                          | 1,957,270.5270 | 1,047,076.4613 |
| I                          | 1,957,272.1843 | 1,047,076.4645 |
| J                          | 1,957,270.2082 | 1,047,081.4607 |
| K                          | 1,957,268.3863 | 1,047,081.4571 |
| L                          | 1,957,230.4083 | 1,047,081.3827 |
| M                          | 1,957,162.6768 | 1,047,081.2500 |
| N                          | 1,957,157.6768 | 1,047,081.2402 |
| O                          | 1,957,142.6768 | 1,047,081.2108 |
| P                          | 1,957,140.9166 | 1,047,081.2074 |

**CONTROL POINTS**

CP08: CROSS CUT (SET) IN SIDEWALK LOCATED AT:  
 NORTHING = 1,957,194.3620  
 EASTING = 1,047,080.6770  
 ELEVATION = 829.23

CP09: CROSS CUT (SET) IN SIDEWALK LOCATED AT:  
 NORTHING = 1,957,242.0450  
 EASTING = 1,047,080.8600  
 ELEVATION = 829.48

**BASIS OF COORDINATES**

COORDINATES ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM (NAD 83).

**TEMPORARY BENCHMARK 5**

CROSS CUT (SET) IN DRIVEWAY CURB LOCATED AT APPROXIMATELY  
 NORTHING = 1,957,174.0850 AND EASTING = 1,047,055.0480.  
 ELEVATION = 829.31 (NAVD 88)

**TEMPORARY BENCHMARK 6**

CROSS CUT (SET) ON HYDRANT BOLT LOCATED AT APPROXIMATELY  
 NORTHING = 1,957,308.9760 AND EASTING = 1,047,080.7660.  
 ELEVATION = 832.13 (NAVD 88)

PLOT DRIVER = ...\\dm04986\cra\_pdf.plt  
 PEN TABLE = ...\\dm04986\cra\_pen.tbl  
 FILE NAME = ...\\3390-shr-sidewalk.dgn



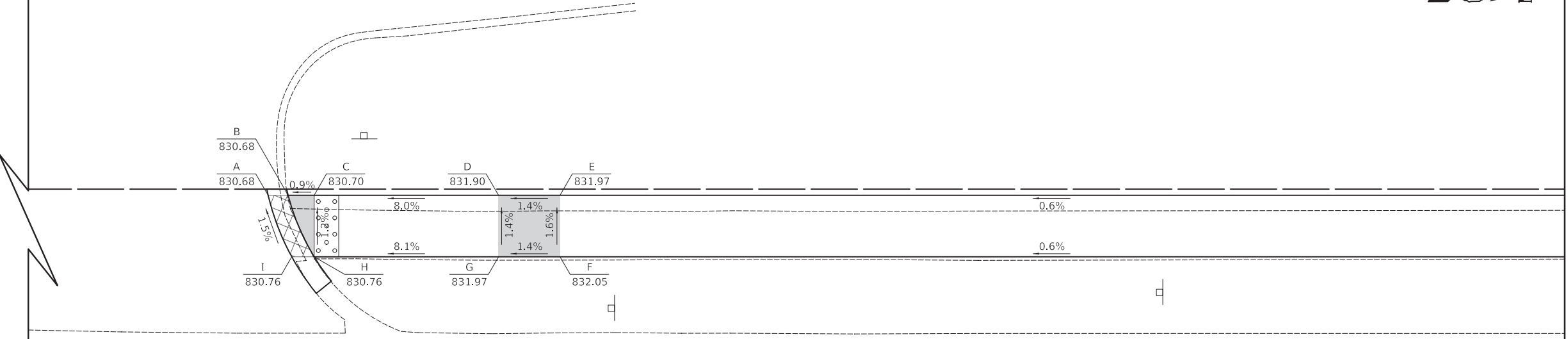
|                           |                 |           |
|---------------------------|-----------------|-----------|
| USER NAME = mjp           | DESIGNED - MJP  | REVISED - |
| PLOT SCALE = 5.0000' / 1" | DRAWN - MC      | REVISED - |
| PLOT DATE = 2/8/2021      | CHECKED - DNM   | REVISED - |
|                           | DATE - 02/08/21 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

|                                      |       |           |              |
|--------------------------------------|-------|-----------|--------------|
| SALEM DRIVE<br>SIDEWALK GRADING PLAN |       |           |              |
| SCALE: 1" = 5'                       | SHEET | OF SHEETS | STA. TO STA. |

|                           |                |        |              |           |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE.               | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1199                      | 17-00100-00-R5 | COOK   | 37           | 21        |
| CONTRACT NO. 61H09        |                |        |              |           |
| ILLINOIS FED. AID PROJECT |                |        |              |           |

| SALEM DRIVE (TOP PANEL) |                |                |
|-------------------------|----------------|----------------|
| POINT                   | NORTHING       | EASTING        |
| A                       | 1,957,349.9306 | 1,047,077.1169 |
| B                       | 1,957,351.5581 | 1,047,077.1200 |
| C                       | 1,957,353.6760 | 1,047,077.1242 |
| D                       | 1,957,368.6760 | 1,047,077.1536 |
| E                       | 1,957,373.6760 | 1,047,077.1634 |
| F                       | 1,957,373.6662 | 1,047,082.1634 |
| G                       | 1,957,368.6662 | 1,047,082.1536 |
| H                       | 1,957,353.6662 | 1,047,082.1242 |
| I                       | 1,957,351.8411 | 1,047,082.1206 |

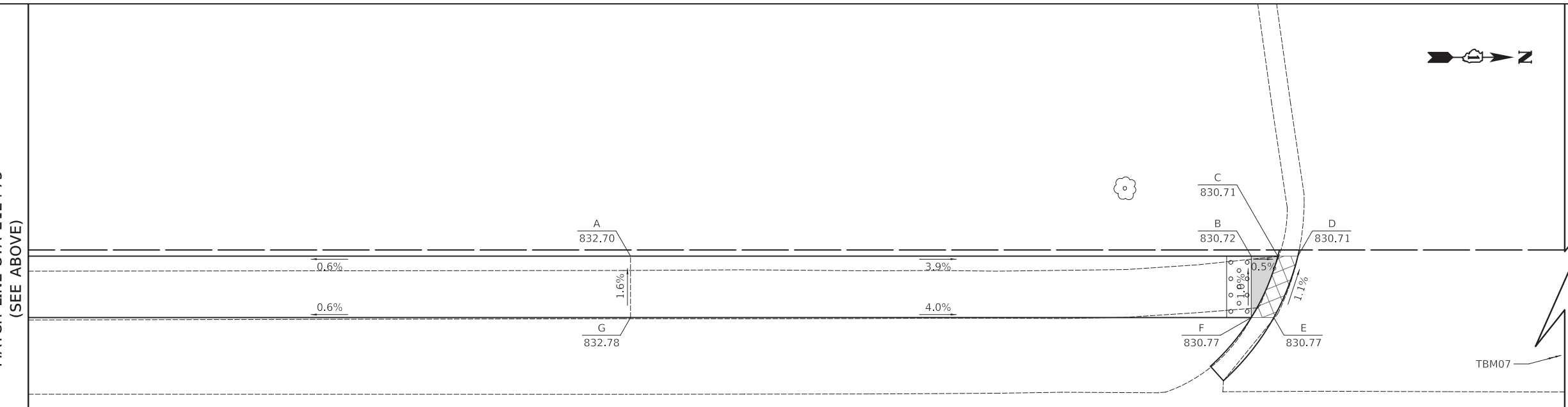


MATCH LINE STA 212+75  
(SEE BELOW)

**CONTROL POINTS**

CP10: CROSS CUT (SET) IN SIDEWALK LOCATED AT:  
 NORTHING = 1,957,395.9690  
 EASTING = 1,047,081.8580  
 ELEVATION = 832.00

| SALEM DRIVE (BOTTOM PANEL) |                |                |
|----------------------------|----------------|----------------|
| POINT                      | NORTHING       | EASTING        |
| A                          | 1,957,504.4165 | 1,047,077.4195 |
| B                          | 1,957,554.9111 | 1,047,077.5184 |
| C                          | 1,957,557.0769 | 1,047,077.5227 |
| D                          | 1,957,558.7075 | 1,047,077.5259 |
| E                          | 1,957,556.7352 | 1,047,082.5220 |
| F                          | 1,957,554.9013 | 1,047,082.5184 |
| G                          | 1,957,504.4068 | 1,047,082.4195 |



MATCH LINE STA 212+75  
(SEE ABOVE)

**CONTROL POINTS**

CP11: CROSS CUT (SET) IN SIDEWALK LOCATED AT:  
 NORTHING = 1,957,521.5390  
 EASTING = 1,047,082.1580  
 ELEVATION = 832.14

CP12: CROSS CUT (SET) IN SIDEWALK LOCATED AT:  
 NORTHING = 1,957,611.8210  
 EASTING = 1,047,079.4660  
 ELEVATION = 830.09

**BASIS OF COORDINATES**

COORDINATES ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM (NAD 83).

**TEMPORARY BENCHMARK 7**

CROSS CUT (SET) ON HANDHOLE LOCATED AT APPROXIMATELY  
 NORTHING = 1,957,619.4000 AND EASTING = 1,047,079.6330.  
 ELEVATION = 829.99 (NAVD 88)

PLOT DRIVER = ...\\dm04986\cra\_pdf.plt  
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 FILE NAME = ...\\3390-shr-sidewalk.dgn



|                           |                 |           |
|---------------------------|-----------------|-----------|
| USER NAME = mjp           | DESIGNED - MJP  | REVISED - |
|                           | DRAWN - MC      | REVISED - |
| PLOT SCALE = 5.0000' / 1" | CHECKED - DNM   | REVISED - |
| PLOT DATE = 2/8/2021      | DATE - 02/08/21 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

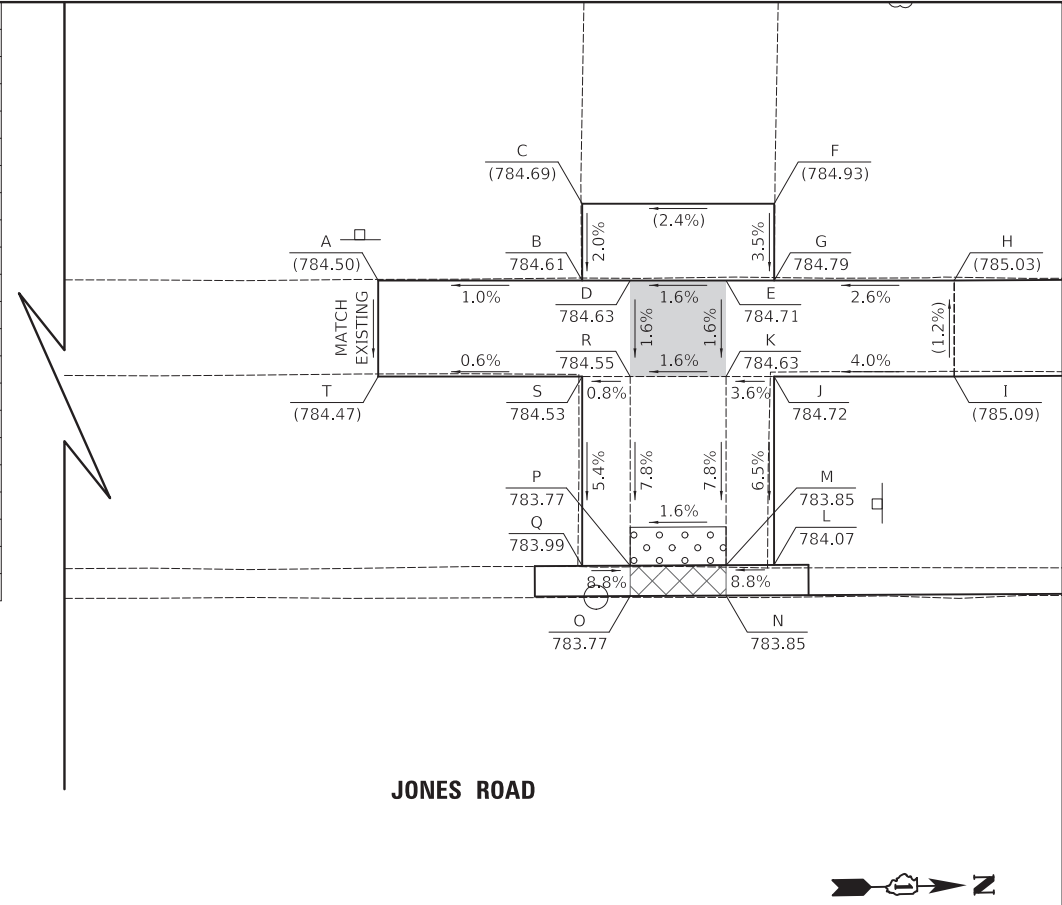
SALEM DRIVE  
SIDEWALK GRADING PLAN

SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

|                    |                |        |                           |           |
|--------------------|----------------|--------|---------------------------|-----------|
| F.A.U. RTE.        | SECTION        | COUNTY | TOTAL SHEETS              | SHEET NO. |
| 1199               | 17-00100-00-R5 | COOK   | 37                        | 22        |
| CONTRACT NO. 61H09 |                |        | ILLINOIS FED. AID PROJECT |           |



| HIGHLAND BOULEVARD (NW QUADRANT) |                |                |
|----------------------------------|----------------|----------------|
| POINT                            | NORTHING       | EASTING        |
| A                                | 1,963,965.9254 | 1,047,780.1211 |
| B                                | 1,963,976.5483 | 1,047,780.3295 |
| C                                | 1,963,976.6268 | 1,047,776.3302 |
| D                                | 1,963,979.0479 | 1,047,780.3785 |
| E                                | 1,963,984.0469 | 1,047,780.4765 |
| F                                | 1,963,986.6319 | 1,047,776.5264 |
| G                                | 1,963,986.5535 | 1,047,780.5257 |
| H                                | 1,963,995.9267 | 1,047,780.7095 |
| I                                | 1,963,995.8287 | 1,047,785.7078 |
| J                                | 1,963,986.4484 | 1,047,785.5238 |
| K                                | 1,963,983.9489 | 1,047,785.4748 |
| L                                | 1,963,986.2559 | 1,047,795.3394 |
| M                                | 1,963,983.7561 | 1,047,795.3029 |
| N                                | 1,963,983.7251 | 1,047,796.8826 |
| O                                | 1,963,978.7256 | 1,047,796.8096 |
| P                                | 1,963,978.7566 | 1,047,795.2298 |
| Q                                | 1,963,976.2568 | 1,047,795.1933 |
| R                                | 1,963,978.9498 | 1,047,785.3767 |
| S                                | 1,963,976.4503 | 1,047,785.3277 |
| T                                | 1,963,965.8274 | 1,047,785.1194 |



**LEGEND**

|          |                    |
|----------|--------------------|
| X        | LOCATION POINT     |
| (XXX.XX) | EXISTING ELEVATION |
| X        | LOCATION POINT     |
| XXX.XX   | PROPOSED ELEVATION |
| (X.X%)   | EXISTING SLOPE     |
| X.X%     | PROPOSED SLOPE     |
| -----    | GRADING LINE       |

**CONTROL POINTS**

CP13: CROSS CUT (SET) IN SIDEWALK LOCATED AT SOUTHWEST QUADRANT OF JONES ROAD AND HIGHLAND BOULEVARD INTERSECTION.  
 NORTHING = 1,963,877.9480  
 EASTING = 1,047,783.20690  
 ELEVATION = 783.88

CP14: CROSS CUT (SET) IN SIDEWALK LOCATED AT NORTHEAST QUADRANT OF JONES ROAD AND HIGHLAND BOULEVARD INTERSECTION.  
 NORTHING = 1,963,975.6860  
 EASTING = 1,047,853.0370  
 ELEVATION = 784.21

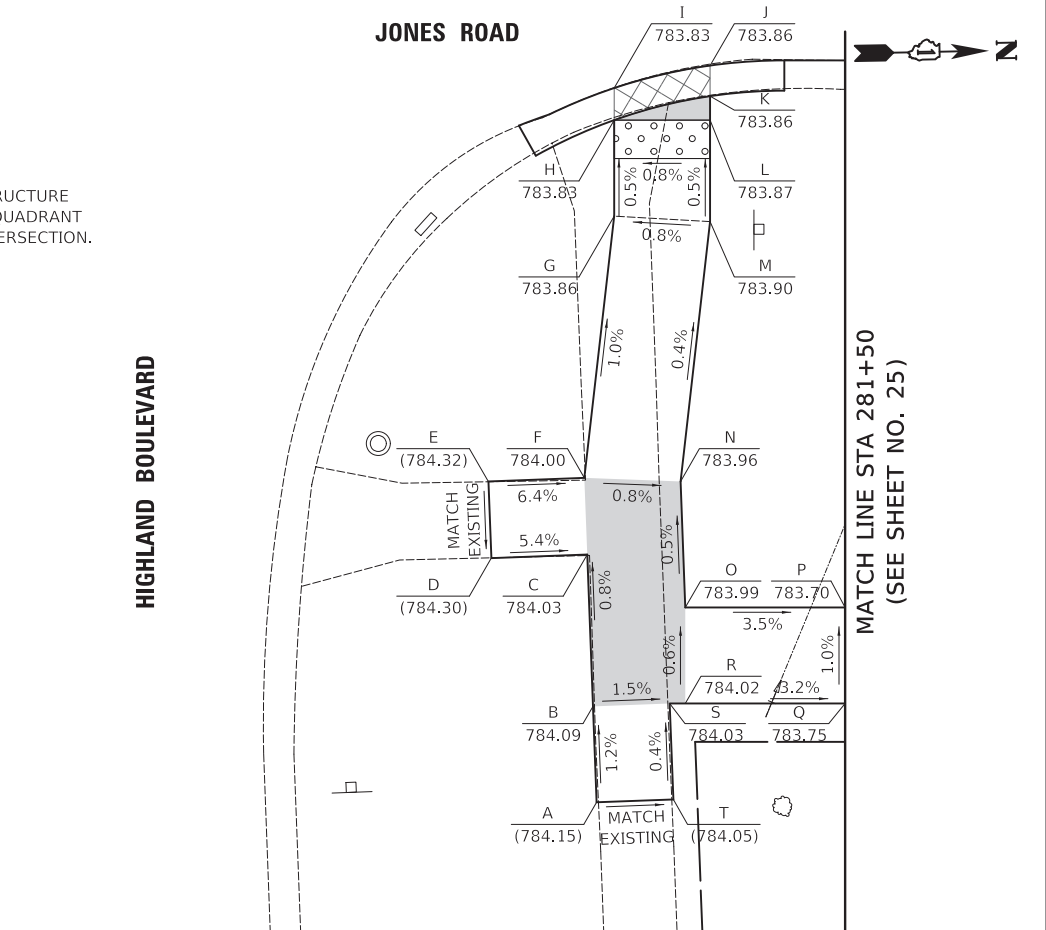
**BASIS OF COORDINATES**

COORDINATES ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM (NAD 83).

**TEMPORARY BENCHMARK 8**

CROSS CUT (SET) IN NORTHEAST CORNER OF STRUCTURE CONCRETE PLATFORM LOCATED AT NORTHEAST QUADRANT OF JONES ROAD AND HIGHLAND BOULEVARD INTERSECTION.  
 ELEVATION = 782.63 (NAVD 88)

| HIGHLAND BOULEVARD (NE QUADRANT) |                |                |
|----------------------------------|----------------|----------------|
| POINT                            | NORTHING       | EASTING        |
| A                                | 1,963,976.4943 | 1,047,863.9905 |
| B                                | 1,963,976.4041 | 1,047,858.9914 |
| C                                | 1,963,976.2614 | 1,047,851.0780 |
| D                                | 1,963,971.2620 | 1,047,851.1527 |
| E                                | 1,963,971.1904 | 1,047,847.1842 |
| F                                | 1,963,976.1893 | 1,047,847.0786 |
| G                                | 1,963,978.0065 | 1,047,833.4784 |
| H                                | 1,963,978.1045 | 1,047,828.4794 |
| I                                | 1,963,978.1373 | 1,047,826.8085 |
| J                                | 1,963,983.1593 | 1,047,825.7347 |
| K                                | 1,963,983.1280 | 1,047,827.3306 |
| L                                | 1,963,983.1036 | 1,047,828.5774 |
| M                                | 1,963,983.0000 | 1,047,833.8598 |
| N                                | 1,963,981.1953 | 1,047,847.3663 |
| O                                | 1,963,981.3138 | 1,047,853.9361 |
| P                                | 1,963,989.6400 | 1,047,854.0994 |
| Q                                | 1,963,989.5419 | 1,047,859.0984 |
| R                                | 1,963,981.2157 | 1,047,858.9351 |
| S                                | 1,963,980.4035 | 1,047,858.9192 |
| T                                | 1,963,980.4937 | 1,047,863.9184 |



PLOT DRIVER = ...\\dm04986\cra\_pdf.plt  
 PEN TABLE = ...\\dm04986\cra\_pen.tbl  
 FILE NAME = ...\\dm04986\cra\_pdf.plt



|                            |                 |           |
|----------------------------|-----------------|-----------|
| USER NAME = mjp            | DESIGNED - MJP  | REVISED - |
|                            | DRAWN - MC      | REVISED - |
| PLOT SCALE = 5.0000' / in. | CHECKED - DNM   | REVISED - |
| PLOT DATE = 2/8/2021       | DATE - 02/08/21 | REVISED - |

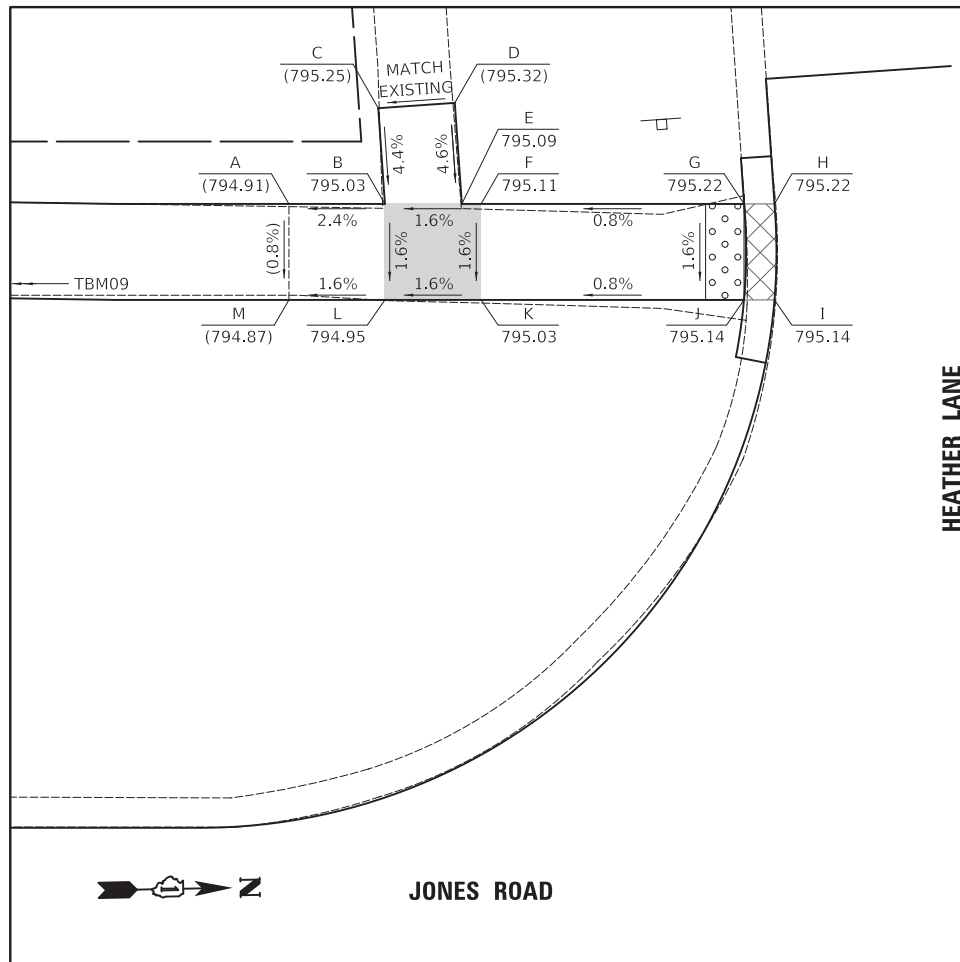
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

JONES ROAD AND HIGHLAND BOULEVARD  
 SIDEWALK GRADING PLAN

SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

|                    |                |                  |              |           |
|--------------------|----------------|------------------|--------------|-----------|
| F.A.U. RTE.        | SECTION        | COUNTY           | TOTAL SHEETS | SHEET NO. |
| 1101               | 17-00100-00-R5 | COOK             | 37           | 23        |
| CONTRACT NO. 61H09 |                |                  |              |           |
| ILLINOIS           |                | FED. AID PROJECT |              |           |



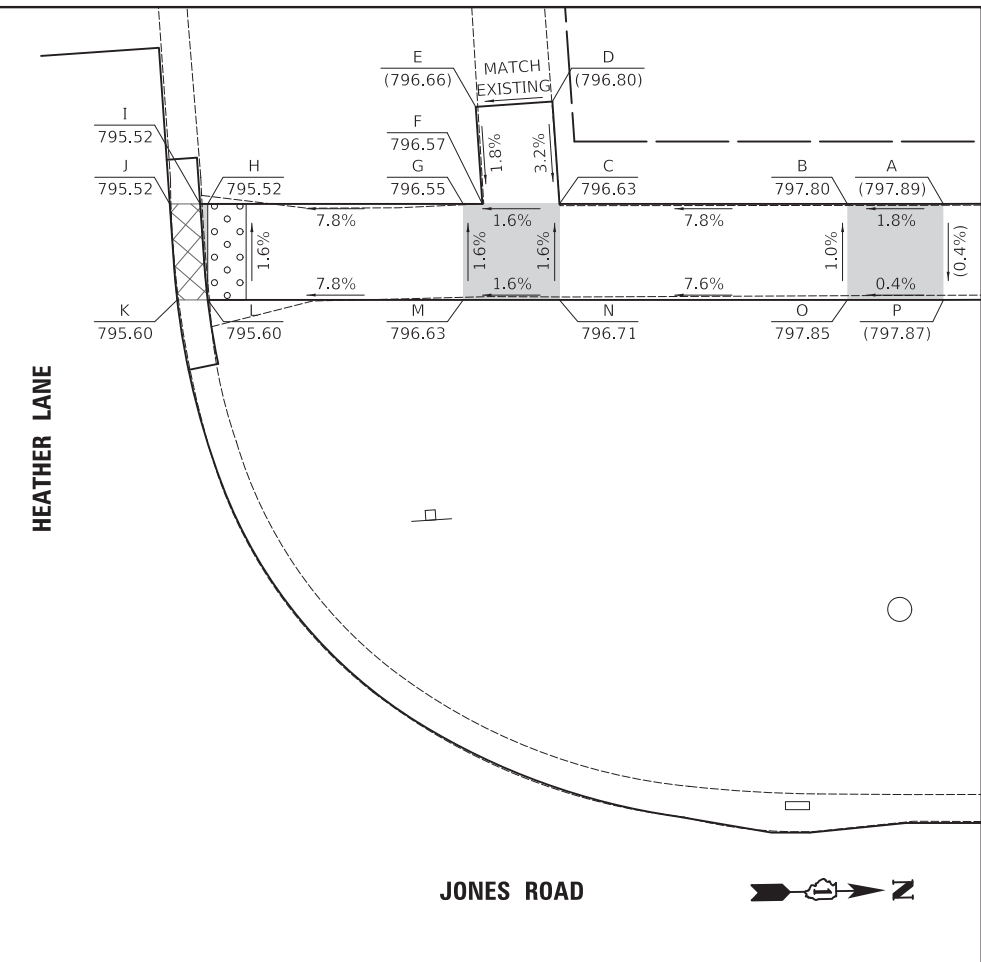


| HEATHER LANE (SW QUADRANT) |                |                |
|----------------------------|----------------|----------------|
| POINT                      | NORTHING       | EASTING        |
| A                          | 1,964,492.7267 | 1,047,774.1986 |
| B                          | 1,964,497.7258 | 1,047,774.2966 |
| C                          | 1,964,497.4789 | 1,047,769.3027 |
| D                          | 1,964,501.4740 | 1,047,769.1052 |
| E                          | 1,964,501.7345 | 1,047,774.3752 |
| F                          | 1,964,502.7367 | 1,047,774.3949 |
| G                          | 1,964,516.4367 | 1,047,774.6636 |
| H                          | 1,964,518.0202 | 1,047,774.6946 |
| I                          | 1,964,517.9190 | 1,047,779.6936 |
| J                          | 1,964,516.3335 | 1,047,779.6625 |
| K                          | 1,964,502.6387 | 1,047,779.3939 |
| L                          | 1,964,497.6277 | 1,047,779.2956 |
| M                          | 1,964,492.6287 | 1,047,779.1976 |

**LEGEND**

|          |                    |
|----------|--------------------|
| X        | LOCATION POINT     |
| (XXX.XX) | EXISTING ELEVATION |
| X        | LOCATION POINT     |
| XXX.XX   | PROPOSED ELEVATION |
| (X.X%)   | EXISTING SLOPE     |
| X.X%     | PROPOSED SLOPE     |
| -----    | GRADING LINE       |

| HEATHER LANE (NW QUADRANT) |                |                |
|----------------------------|----------------|----------------|
| POINT                      | NORTHING       | EASTING        |
| A                          | 1,964,581.8622 | 1,047,775.9467 |
| B                          | 1,964,576.8632 | 1,047,775.8486 |
| C                          | 1,964,561.8661 | 1,047,775.5545 |
| D                          | 1,964,561.6022 | 1,047,770.2155 |
| E                          | 1,964,557.6070 | 1,047,770.4130 |
| F                          | 1,964,557.8573 | 1,047,775.4759 |
| G                          | 1,964,556.8551 | 1,047,775.4562 |
| H                          | 1,964,543.5491 | 1,047,775.1953 |
| I                          | 1,964,543.1551 | 1,047,775.1876 |
| J                          | 1,964,541.5717 | 1,047,775.1565 |
| K                          | 1,964,541.8605 | 1,047,780.1631 |
| L                          | 1,964,543.4510 | 1,047,780.1943 |
| M                          | 1,964,556.7571 | 1,047,780.4553 |
| N                          | 1,964,561.7680 | 1,047,780.5535 |
| O                          | 1,964,576.7652 | 1,047,780.8477 |
| P                          | 1,964,581.7721 | 1,047,780.9459 |



**CONTROL POINTS**

- CP13: CROSS CUT (SET) IN SIDEWALK LOCATED AT SOUTHWEST QUADRANT OF JONES ROAD AND HIGHLAND BOULEVARD INTERSECTION.  
 NORTHING = 1,963,877.9480  
 EASTING = 1,047,783.20690  
 ELEVATION = 783.88
- CP14: CROSS CUT (SET) IN SIDEWALK LOCATED AT NORTHEAST QUADRANT OF JONES ROAD AND HIGHLAND BOULEVARD INTERSECTION.  
 NORTHING = 1,963,975.6860  
 EASTING = 1,047,853.0370  
 ELEVATION = 784.21
- CP15: CROSS CUT (SET) IN SIDEWALK LOCATED AT SOUTHEAST QUADRANT OF JONES ROAD AND HILLCREST BOULEVARD INTERSECTION.  
 NORTHING = 1,965,093.0220  
 EASTING = 1,047,876.2950  
 ELEVATION = 806.40
- CP16: CROSS CUT (SET) IN SIDEWALK LOCATED AT SOUTHWEST QUADRANT OF JONES ROAD AND HILLCREST BOULEVARD INTERSECTION.  
 NORTHING = 1,965,094.9860  
 EASTING = 1,047,711.1690  
 ELEVATION = 804.46

**BASIS OF COORDINATES**

COORDINATES ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM (NAD 83).

**TEMPORARY BENCHMARK 9**

CROSS CUT (SET) IN SIDEWALK LOCATED AT SOUTHWEST QUADRANT OF JONES ROAD AND HEATHER LANE INTERSECTION.  
 ELEVATION = 791.29 (NAVD 88)

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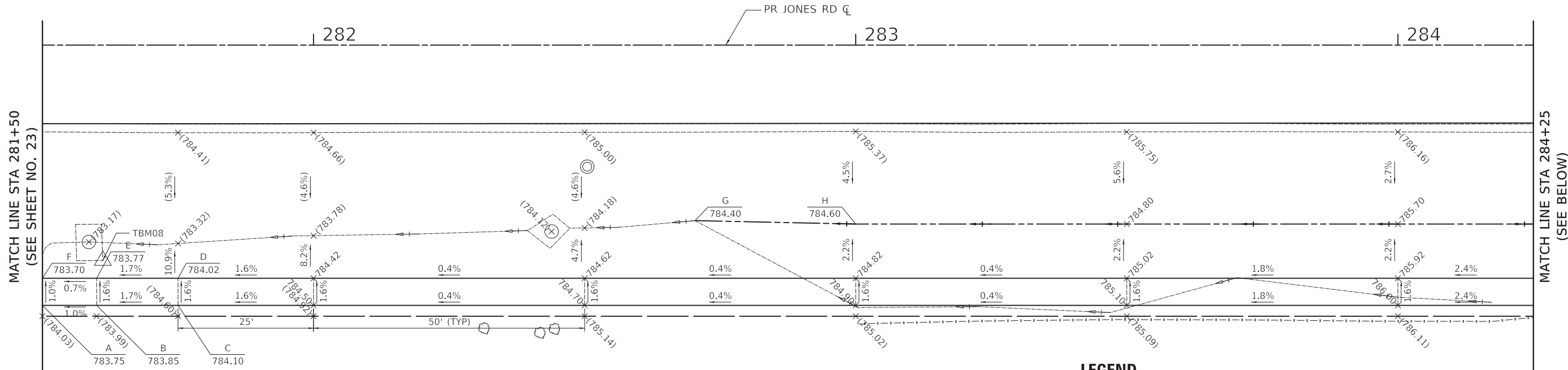
|                           |                 |           |
|---------------------------|-----------------|-----------|
| USER NAME = mjp           | DESIGNED - MJP  | REVISED - |
|                           | DRAWN - MC      | REVISED - |
| PLOT SCALE = 5.0000' / 1" | CHECKED - DNM   | REVISED - |
| PLOT DATE = 2/8/2021      | DATE - 02/08/21 | REVISED - |

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

JONES ROAD AND HEATHER LANE  
 SIDEWALK GRADING PLAN

SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

| F.A.U. RTE.        | SECTION        | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|----------------|--------|---------------------------|-----------|
| 1101               | 17-00100-00-R5 | COOK   | 37                        | 24        |
| CONTRACT NO. 61H09 |                |        | ILLINOIS FED. AID PROJECT |           |



MATCH LINE STA 281+50  
(SEE SHEET NO. 23)

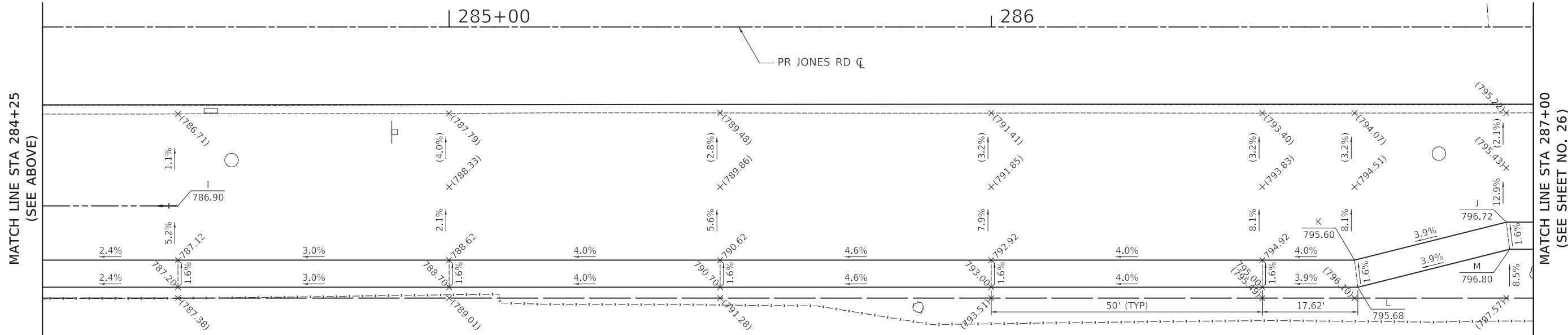
MATCH LINE STA 284+25  
(SEE BELOW)

| JONES ROAD (TOP PANEL) |                |                |
|------------------------|----------------|----------------|
| POINT                  | NORTHING       | EASTING        |
| A                      | 1,963,989.5419 | 1,047,859.0984 |
| B                      | 1,963,999.5400 | 1,047,859.2945 |
| C                      | 1,964,014.5371 | 1,047,859.5886 |
| D                      | 1,964,014.6352 | 1,047,854.5896 |
| E                      | 1,963,999.6380 | 1,047,854.2955 |
| F                      | 1,963,989.6400 | 1,047,854.0994 |
| G                      | 1,964,110.1920 | 1,047,845.8410 |
| H                      | 1,964,139.8072 | 1,047,847.0425 |

| JONES ROAD (BOTTOM PANEL) |                |                |
|---------------------------|----------------|----------------|
| POINT                     | NORTHING       | EASTING        |
| I                         | 1,964,289.7784 | 1,047,849.9837 |
| J                         | 1,964,534.6724 | 1,047,857.7871 |
| K                         | 1,964,506.5406 | 1,047,864.2367 |
| L                         | 1,964,507.0579 | 1,047,869.2478 |
| M                         | 1,964,535.1898 | 1,047,862.7982 |

**LEGEND**

- X (XXX.XX) LOCATION POINT EXISTING ELEVATION
- X (X.X%) EXISTING SLOPE
- + (XXX.XX) EXISTING ELEVATION
- +XXX.XX PROPOSED ELEVATION
- X (X.X%) PROPOSED SLOPE
- GRADING LINE



MATCH LINE STA 284+25  
(SEE ABOVE)

MATCH LINE STA 287+00  
(SEE SHEET NO. 26)

**CONTROL POINTS**

CP13: CROSS CUT (SET) IN SIDEWALK LOCATED AT SOUTHWEST QUADRANT OF JONES ROAD AND HIGHLAND BOULEVARD INTERSECTION.  
NORTHING = 1,963,877.9480  
EASTING = 1,047,783.20690  
ELEVATION = 783.88

CP14: CROSS CUT (SET) IN SIDEWALK LOCATED AT NORTHEAST QUADRANT OF JONES ROAD AND HIGHLAND BOULEVARD INTERSECTION.  
NORTHING = 1,963,975.6860  
EASTING = 1,047,853.0370  
ELEVATION = 784.21

**BASIS OF COORDINATES**

COORDINATES ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM (NAD 83).

**TEMPORARY BENCHMARK 8**

CROSS CUT (SET) IN NORTHEAST CORNER OF STRUCTURE CONCRETE PLATFORM LOCATED AT NORTHEAST QUADRANT OF JONES ROAD AND HIGHLAND BOULEVARD INTERSECTION.  
ELEVATION = 782.63 (NAVD 88)

PLOT DRIVER = ...  
PEN TABLE = ...  
FILE NAME = ...



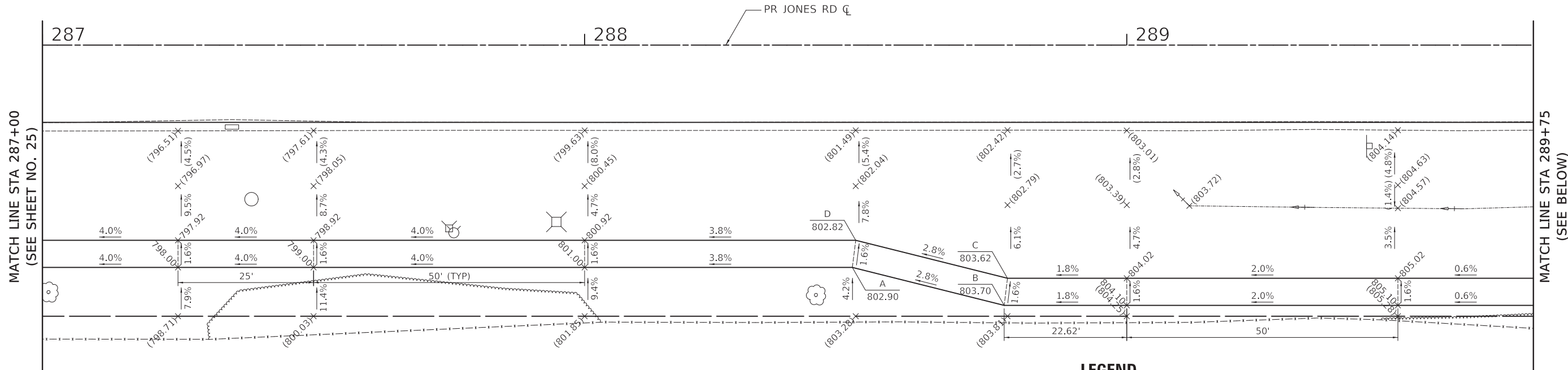
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|-----------------------------|-----------------|-----------|
| USER NAME = mjp             | DESIGNED - MJP  | REVISED - |
| PLOT SCALE = 10.0000' / in. | DRAWN - MC      | REVISED - |
| PLOT DATE = 2/8/2021        | CHECKED - DNM   | REVISED - |
|                             | DATE - 02/08/21 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

JONES ROAD  
SIDEWALK GRADING PLAN

SCALE: 1" = 10' SHEET OF SHEETS STA. TO STA.

|                           |                |        |              |           |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE.               | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1101                      | 17-00100-00-R5 | COOK   | 37           | 25        |
| CONTRACT NO. 61H09        |                |        |              |           |
| ILLINOIS FED. AID PROJECT |                |        |              |           |

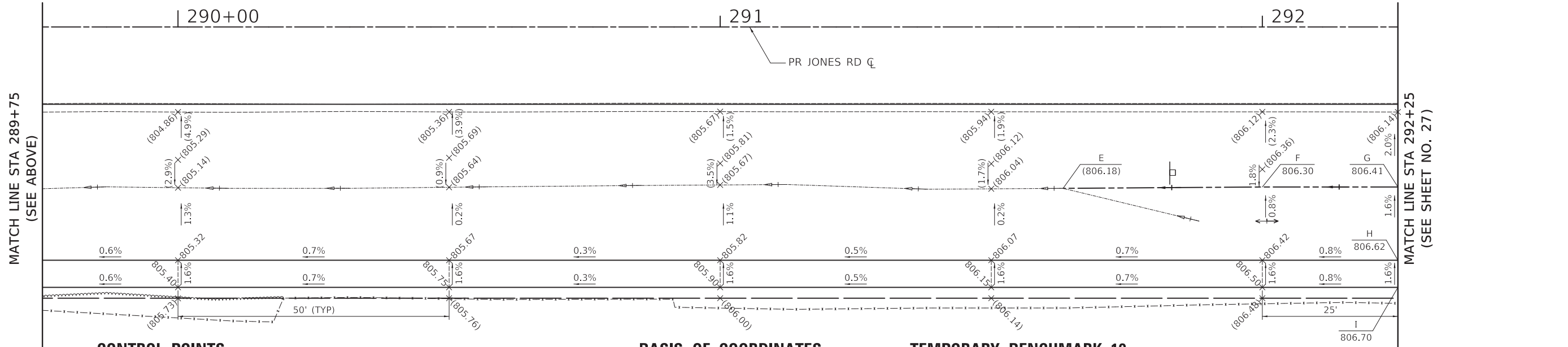


| JONES ROAD (TOP PANEL) |                |                |
|------------------------|----------------|----------------|
| POINT                  | NORTHING       | EASTING        |
| A                      | 1,964,688.9292 | 1,047,865.8133 |
| B                      | 1,964,716.7866 | 1,047,873.3610 |
| C                      | 1,964,717.5000 | 1,047,868.3740 |
| D                      | 1,964,689.6426 | 1,047,860.8263 |

| JONES ROAD (BOTTOM PANEL) |                |                |
|---------------------------|----------------|----------------|
| POINT                     | NORTHING       | EASTING        |
| E                         | 1,965,002.9530 | 1,047,860.7250 |
| F                         | 1,965,039.7028 | 1,047,861.1904 |
| G                         | 1,965,064.6980 | 1,047,861.6806 |
| H                         | 1,965,064.4333 | 1,047,875.1780 |
| I                         | 1,965,064.3352 | 1,047,880.1770 |

**LEGEND**

- X  
(XXX.XX) LOCATION POINT  
EXISTING ELEVATION
- X  
XXX.XX LOCATION POINT  
PROPOSED ELEVATION
- +(XXX.XX) EXISTING ELEVATION
- +XXX.XX PROPOSED ELEVATION
- (X.X%) EXISTING SLOPE
- X.X% PROPOSED SLOPE
- GRADING LINE



**CONTROL POINTS**

CP15: CROSS CUT (SET) IN SIDEWALK LOCATED AT SOUTHEAST QUADRANT OF JONES ROAD AND HILLCREST BOULEVARD INTERSECTION.  
 NORTHING = 1,965,093.0220  
 EASTING = 1,047,876.2950  
 ELEVATION = 806.40

CP16: CROSS CUT (SET) IN SIDEWALK LOCATED AT SOUTHWEST QUADRANT OF JONES ROAD AND HILLCREST BOULEVARD INTERSECTION.  
 NORTHING = 1,965,094.9860  
 EASTING = 1,047,711.1690  
 ELEVATION = 804.46

**BASIS OF COORDINATES**

COORDINATES ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM (NAD 83).

**TEMPORARY BENCHMARK 10**

CROSS CUT (SET) IN VALVE VAULT LOCATED AT SOUTHEAST QUADRANT OF JONES ROAD AND HILLCREST BOULEVARD INTERSECTION.  
 ELEVATION = 806.43 (NAVD 88)

PLOT DRIVER = ...\\dms04986\cna\_pdf.plt  
 PEN TABLE = ...\\pents\cna\_dwt\_ppd.tbl  
 FILE NAME = ...\3390-shr-sidewalk.dgn



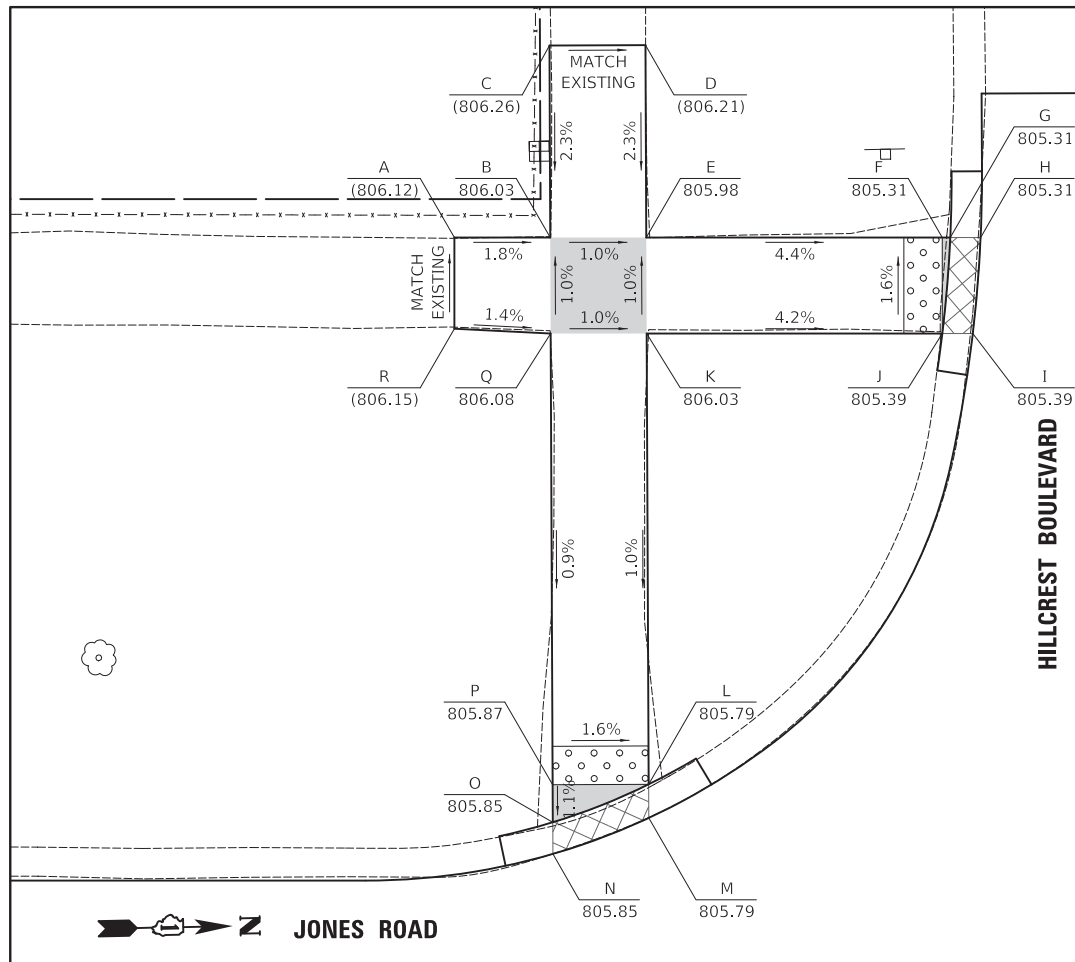
|                             |                 |           |
|-----------------------------|-----------------|-----------|
| USER NAME = mjp             | DESIGNED - MJP  | REVISED - |
| PLOT SCALE = 10.0000' / in. | DRAWN - MC      | REVISED - |
| PLOT DATE = 2/8/2021        | CHECKED - DNM   | REVISED - |
|                             | DATE - 02/08/21 | REVISED - |

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

JONES ROAD  
 SIDEWALK GRADING PLAN

SCALE: 1" = 10' SHEET OF SHEETS STA. TO STA.

|                    |                |                  |              |           |
|--------------------|----------------|------------------|--------------|-----------|
| F.A.U. RTE.        | SECTION        | COUNTY           | TOTAL SHEETS | SHEET NO. |
| 1101               | 17-00100-00-R5 | COOK             | 37           | 26        |
| CONTRACT NO. 61H09 |                |                  |              |           |
| ILLINOIS           |                | FED. AID PROJECT |              |           |



| HILLCREST BOULEVARD (SW QUADRANT) |                |                | HILLCREST BOULEVARD (NW QUADRANT) |                |                |
|-----------------------------------|----------------|----------------|-----------------------------------|----------------|----------------|
| POINT                             | NORTHING       | EASTING        | POINT                             | NORTHING       | EASTING        |
| A                                 | 1,965,084.0220 | 1,047,784.5447 | A                                 | 1,965,177.5218 | 1,047,786.6284 |
| B                                 | 1,965,089.0210 | 1,047,784.6427 | B                                 | 1,965,167.5028 | 1,047,786.4319 |
| C                                 | 1,965,089.1752 | 1,047,774.6439 | C                                 | 1,965,167.5841 | 1,047,781.1616 |
| D                                 | 1,965,094.1746 | 1,047,774.7210 | D                                 | 1,965,167.6611 | 1,047,776.1622 |
| E                                 | 1,965,094.0201 | 1,047,784.7407 | E                                 | 1,965,162.9117 | 1,047,776.0890 |
| F                                 | 1,965,109.4351 | 1,047,785.0431 | F                                 | 1,965,162.5846 | 1,047,781.0845 |
| G                                 | 1,965,109.8504 | 1,047,785.0512 | G                                 | 1,965,162.5076 | 1,047,786.0839 |
| H                                 | 1,965,111.4317 | 1,047,785.0822 | H                                 | 1,965,147.0465 | 1,047,785.7807 |
| I                                 | 1,965,110.9279 | 1,047,790.0733 | I                                 | 1,965,145.4668 | 1,047,785.7497 |
| J                                 | 1,965,109.3371 | 1,047,790.0421 | J                                 | 1,965,145.5566 | 1,047,790.7524 |
| K                                 | 1,965,093.9430 | 1,047,789.7402 | K                                 | 1,965,147.1414 | 1,047,790.7835 |
| L                                 | 1,965,093.5809 | 1,047,813.2238 | L                                 | 1,965,162.4305 | 1,047,791.0834 |
| M                                 | 1,965,093.5539 | 1,047,814.9716 | M                                 | 1,965,162.0817 | 1,047,813.6964 |
| N                                 | 1,965,088.5260 | 1,047,816.7477 | N                                 | 1,965,162.0556 | 1,047,815.3948 |
| O                                 | 1,965,088.5513 | 1,047,815.1013 | O                                 | 1,965,167.0329 | 1,047,816.9020 |
| P                                 | 1,965,088.5815 | 1,047,813.1467 | P                                 | 1,965,167.0577 | 1,047,815.2910 |
| Q                                 | 1,965,088.9439 | 1,047,789.6422 | Q                                 | 1,965,167.0811 | 1,047,813.7735 |
| R                                 | 1,965,083.9289 | 1,047,789.2938 | R                                 | 1,965,167.4257 | 1,047,791.4314 |
|                                   |                |                | S                                 | 1,965,177.4238 | 1,047,791.6275 |

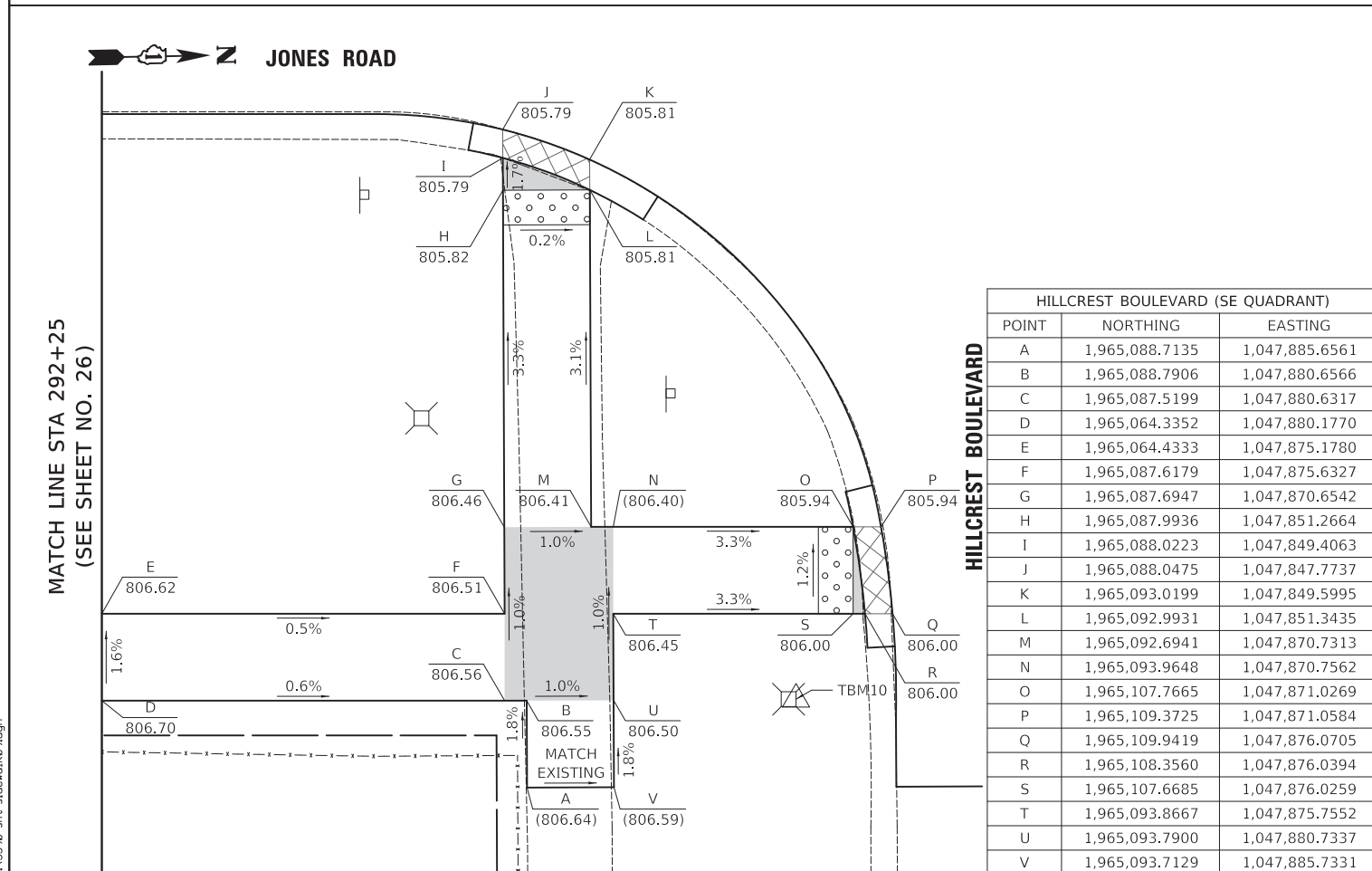
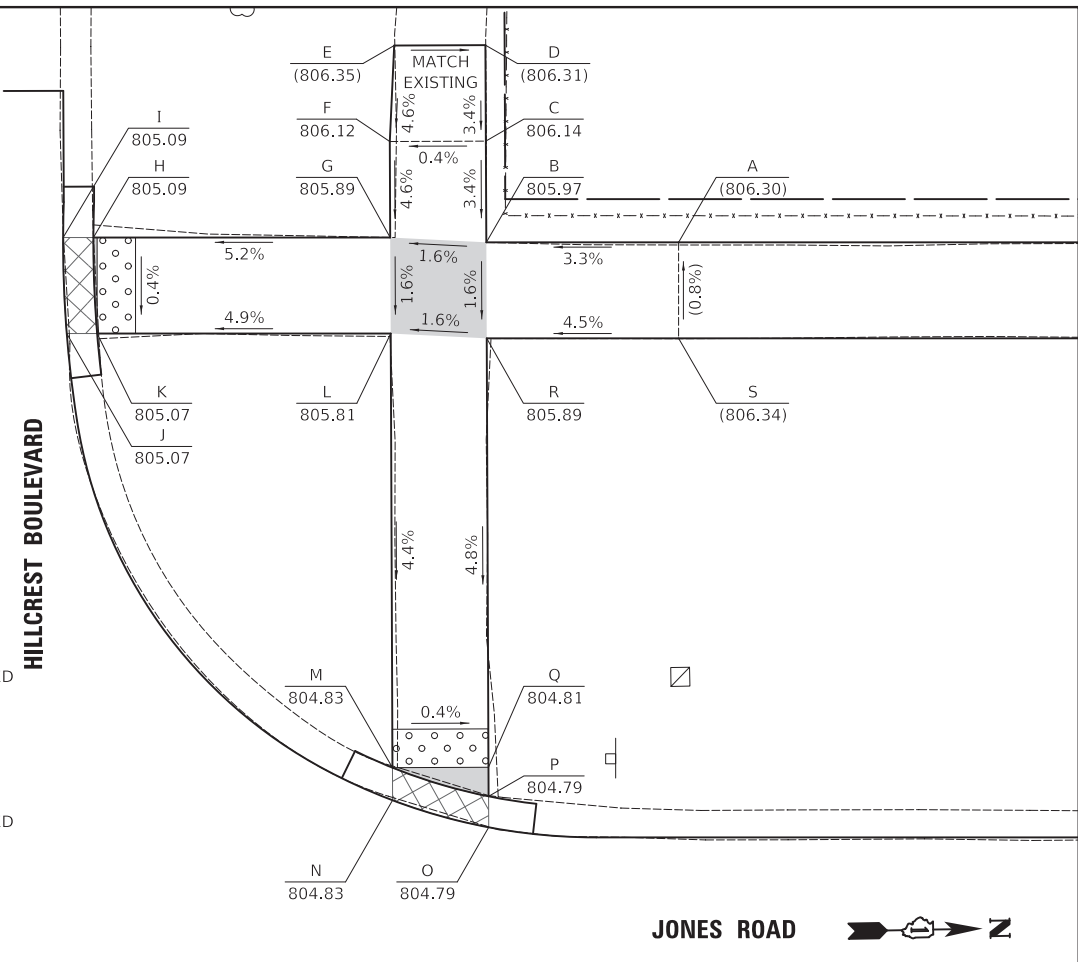
**LEGEND**

|            |                                   |
|------------|-----------------------------------|
| X (XXX.XX) | LOCATION POINT EXISTING ELEVATION |
| X (XXX.XX) | LOCATION POINT PROPOSED ELEVATION |
| (X.X%)     | EXISTING SLOPE                    |
| X.X%       | PROPOSED SLOPE                    |
| ----       | GRADING LINE                      |

**CONTROL POINTS**

CP15: CROSS CUT (SET) IN SIDEWALK LOCATED AT SOUTHEAST QUADRANT OF JONES ROAD AND HILLCREST BOULEVARD INTERSECTION. NORTHING = 1,965,093.0220 EASTING = 1,047,876.2950 ELEVATION = 806.40

CP16: CROSS CUT (SET) IN SIDEWALK LOCATED AT SOUTHWEST QUADRANT OF JONES ROAD AND HILLCREST BOULEVARD INTERSECTION. NORTHING = 1,965,094.9860 EASTING = 1,047,711.1690 ELEVATION = 804.46



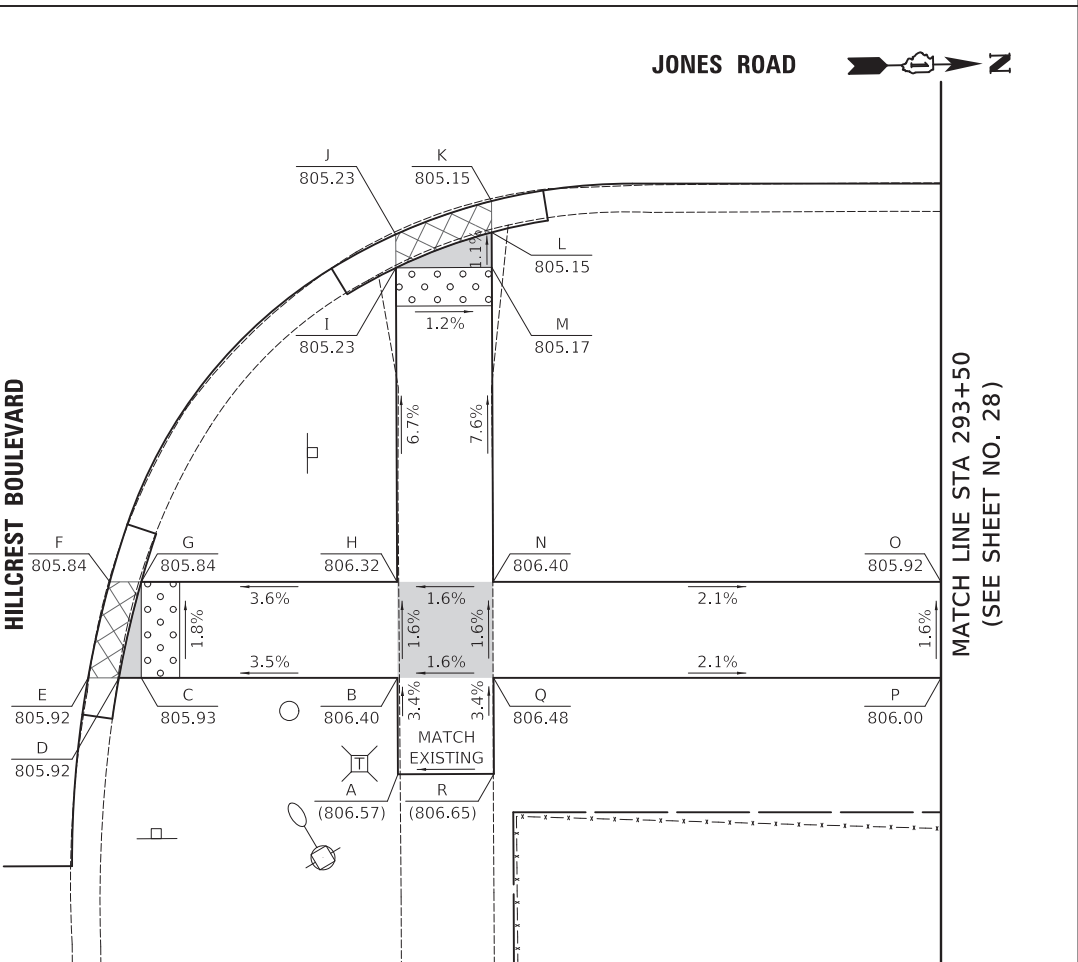
| HILLCREST BOULEVARD (SE QUADRANT) |                |                | HILLCREST BOULEVARD (NE QUADRANT) |                |                |
|-----------------------------------|----------------|----------------|-----------------------------------|----------------|----------------|
| POINT                             | NORTHING       | EASTING        | POINT                             | NORTHING       | EASTING        |
| A                                 | 1,965,088.7135 | 1,047,885.6561 | A                                 | 1,965,161.0270 | 1,047,882.0942 |
| B                                 | 1,965,088.7906 | 1,047,880.6566 | B                                 | 1,965,161.1044 | 1,047,877.0739 |
| C                                 | 1,965,087.5199 | 1,047,880.6317 | C                                 | 1,965,147.7545 | 1,047,876.8121 |
| D                                 | 1,965,064.3352 | 1,047,880.1770 | D                                 | 1,965,146.5930 | 1,047,876.7893 |
| E                                 | 1,965,064.4333 | 1,047,875.1780 | E                                 | 1,965,144.9881 | 1,047,876.7578 |
| F                                 | 1,965,087.6179 | 1,047,875.6327 | F                                 | 1,965,146.2125 | 1,047,871.7809 |
| G                                 | 1,965,087.6947 | 1,047,870.6542 | G                                 | 1,965,147.8526 | 1,047,871.8130 |
| H                                 | 1,965,087.9936 | 1,047,851.2664 | H                                 | 1,965,161.1815 | 1,047,872.0744 |
| I                                 | 1,965,088.0223 | 1,047,849.4063 | I                                 | 1,965,161.4338 | 1,047,855.7134 |
| J                                 | 1,965,088.0475 | 1,047,847.7737 | J                                 | 1,965,161.4606 | 1,047,853.9742 |
| K                                 | 1,965,093.0199 | 1,047,849.5995 | K                                 | 1,965,166.4865 | 1,047,852.3340 |
| L                                 | 1,965,092.9931 | 1,047,851.3435 | L                                 | 1,965,166.4614 | 1,047,853.9643 |
| M                                 | 1,965,092.6941 | 1,047,870.7313 | M                                 | 1,965,166.4332 | 1,047,855.7905 |
| N                                 | 1,965,093.9648 | 1,047,870.7562 | N                                 | 1,965,166.1806 | 1,047,872.1725 |
| O                                 | 1,965,107.7665 | 1,047,871.0269 | O                                 | 1,965,189.5073 | 1,047,872.6300 |
| P                                 | 1,965,109.3725 | 1,047,871.0584 | P                                 | 1,965,189.4093 | 1,047,877.6290 |
| Q                                 | 1,965,109.9419 | 1,047,876.0705 | Q                                 | 1,965,166.1035 | 1,047,877.1719 |
| R                                 | 1,965,108.3560 | 1,047,876.0394 | R                                 | 1,965,166.0264 | 1,047,882.1713 |
| S                                 | 1,965,107.6685 | 1,047,876.0259 |                                   |                |                |
| T                                 | 1,965,093.8667 | 1,047,875.7552 |                                   |                |                |
| U                                 | 1,965,093.7900 | 1,047,880.7337 |                                   |                |                |
| V                                 | 1,965,093.7129 | 1,047,885.7331 |                                   |                |                |

**BASIS OF COORDINATES**

COORDINATES ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM (NAD 83).

**TEMPORARY BENCHMARK 10**

CROSS CUT (SET) IN VALVE VAULT LOCATED AT SOUTHEAST QUADRANT OF JONES ROAD AND HILLCREST BOULEVARD INTERSECTION. ELEVATION = 806.43 (NAVD 88)



PLOT DRIVER = ...\\dm04986\cra\_pdf.plt  
 PEN TABLE = ...\\dm04986\cra\_pen.tbl  
 FILE NAME = ...3390-ht-sidewalk.dgn



|                            |                 |           |
|----------------------------|-----------------|-----------|
| USER NAME = mjp            | DESIGNED - MJP  | REVISED - |
|                            | DRAWN - MC      | REVISED - |
| PLOT SCALE = 5.0000' / in. | CHECKED - DNM   | REVISED - |
| PLOT DATE = 2/8/2021       | DATE - 02/08/21 | REVISED - |

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

JONES ROAD AND HILLCREST BOULEVARD  
 SIDEWALK GRADING PLAN

SCALE: 1" = 5'  
 SHEET OF SHEETS STA. TO STA.

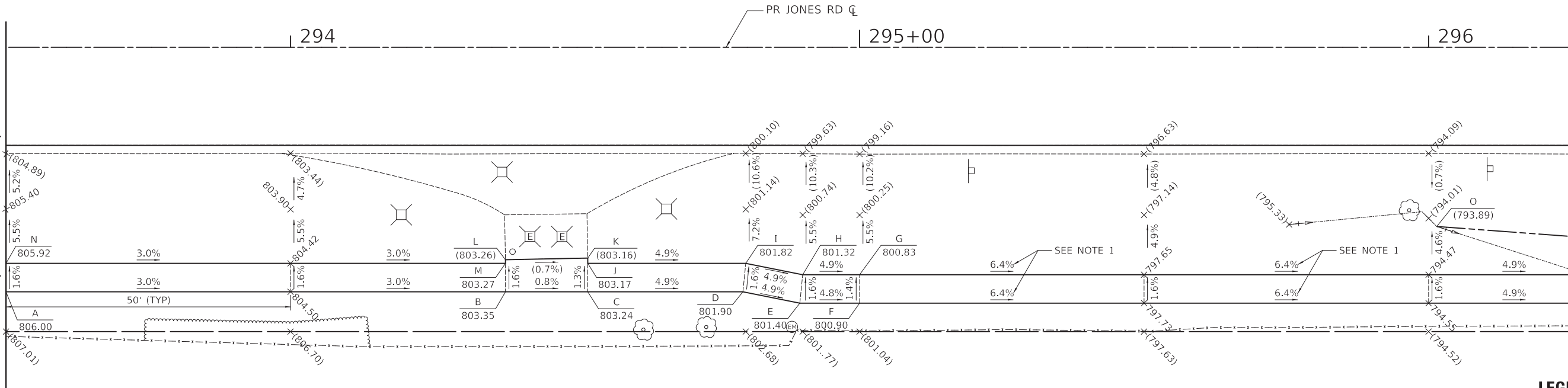
|                    |                |        |                           |           |
|--------------------|----------------|--------|---------------------------|-----------|
| F.A.U. RTE.        | SECTION        | COUNTY | TOTAL SHEETS              | SHEET NO. |
| 1101               | 17-00100-00-R5 | COOK   | 37                        | 27        |
| CONTRACT NO. 61H09 |                |        | ILLINOIS FED. AID PROJECT |           |





MATCH LINE STA 293+50  
(SEE SHEET NO. 27)

MATCH LINE STA 296+25  
(SEE BELOW)



| JONES ROAD (TOP PANEL) |                |                |
|------------------------|----------------|----------------|
| POINT                  | NORTHING       | EASTING        |
| A                      | 1,965,189.4093 | 1,047,877.6290 |
| B                      | 1,965,277.1704 | 1,047,879.3501 |
| C                      | 1,965,291.6178 | 1,047,879.6335 |
| D                      | 1,965,318.8893 | 1,047,880.1683 |
| E                      | 1,965,328.8481 | 1,047,882.3640 |
| F                      | 1,965,339.3412 | 1,047,882.5698 |
| G                      | 1,965,339.4392 | 1,047,877.5708 |
| H                      | 1,965,329.4412 | 1,047,877.3747 |

| JONES ROAD (TOP PANEL) |                |                |
|------------------------|----------------|----------------|
| POINT                  | NORTHING       | EASTING        |
| I                      | 1,965,319.4823 | 1,047,875.1790 |
| J                      | 1,965,291.7158 | 1,047,874.6344 |
| K                      | 1,965,291.7340 | 1,047,873.7070 |
| L                      | 1,965,277.2810 | 1,047,873.7090 |
| M                      | 1,965,277.2684 | 1,047,874.3511 |
| N                      | 1,965,189.5073 | 1,047,872.6300 |
| O                      | 1,965,441.0150 | 1,047,871.0760 |

| JONES ROAD (BOTTOM PANEL) |                |                |
|---------------------------|----------------|----------------|
| POINT                     | NORTHING       | EASTING        |
| P                         | 1,965,489.5062 | 1,047,875.6260 |
| Q                         | 1,965,495.3150 | 1,047,876.1710 |
| R                         | 1,965,539.5367 | 1,047,874.5614 |
| S                         | 1,965,543.9990 | 1,047,874.3990 |
| T                         | 1,965,627.4750 | 1,047,875.9650 |
| U                         | 1,965,639.5045 | 1,047,877.1871 |
| V                         | 1,965,663.8650 | 1,047,879.6620 |
| W                         | 1,965,720.9217 | 1,047,885.0523 |

### NOTES

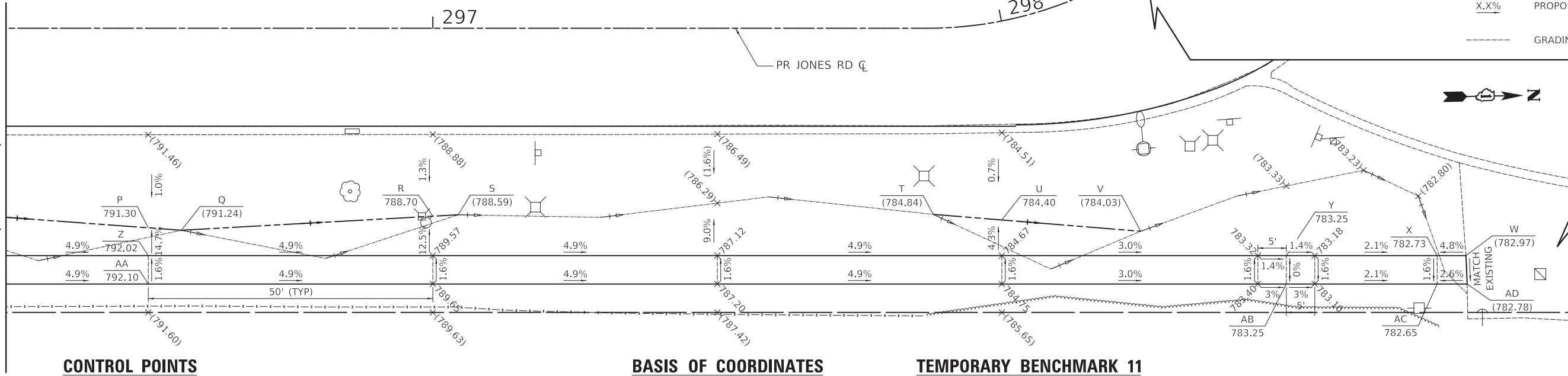
- THE EXISTING PROFILE OF THE ROADWAY IS GREATER THAN 5%. AS A RESULT, THE SLOPE OF THE SIDEWALK WILL MATCH THE EXISTING ROADWAY PROFILE SLOPE.

| JONES ROAD (BOTTOM PANEL) |                |                |
|---------------------------|----------------|----------------|
| POINT                     | NORTHING       | EASTING        |
| X                         | 1,965,715.8669 | 1,047,884.9532 |
| Y                         | 1,965,689.3720 | 1,047,884.4336 |
| Z                         | 1,965,489.4104 | 1,047,880.5120 |
| AA                        | 1,965,489.3124 | 1,047,885.5110 |
| AB                        | 1,965,689.2739 | 1,047,889.4326 |
| AC                        | 1,965,715.7688 | 1,047,889.9522 |
| AD                        | 1,965,721.0459 | 1,047,890.0557 |

### LEGEND

- X (XXX.XX) LOCATION POINT EXISTING ELEVATION
- X XXX.XX LOCATION POINT PROPOSED ELEVATION
- +(XXX.XX) EXISTING ELEVATION
- +XXX.XX PROPOSED ELEVATION
- (X.X%) EXISTING SLOPE
- X.X% PROPOSED SLOPE
- GRADING LINE

MATCH LINE STA 296+25  
(SEE ABOVE)



### CONTROL POINTS

CP17: CROSS CUT (SET) IN SIDEWALK LOCATED AT NORTHWEST QUADRANT OF HASSELL ROAD AND ROSEDALE LANE INTERSECTION.  
 NORTHING = 1,965,717.9790  
 EASTING = 1,047,324.8930  
 ELEVATION = 786.52

CP18: CROSS CUT (SET) IN SIDEWALK LOCATED AT SOUTHWEST QUADRANT OF JONES ROAD AND HASSELL ROAD INTERSECTION.  
 NORTHING = 1,965,649.6910  
 EASTING = 1,047,740.0750  
 ELEVATION = 785.06

### BASIS OF COORDINATES

COORDINATES ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM (NAD 83).

### TEMPORARY BENCHMARK 11

CROSS CUT (SET) IN SIDEWALK LOCATED AT SOUTHWEST QUADRANT OF JONES ROAD AND HASSELL ROAD INTERSECTION.  
 ELEVATION = 784.29 (NAVD 88)

PLOT DRIVER = ...  
 PEN TABLE = ...  
 FILE NAME = ...



|                            |                 |           |
|----------------------------|-----------------|-----------|
| USER NAME = mjp            | DESIGNED - MJP  | REVISED - |
| PLOT SCALE = 10.0000' / 1" | DRAWN - MC      | REVISED - |
| PLOT DATE = 2/8/2021       | CHECKED - DNM   | REVISED - |
|                            | DATE - 02/08/21 | REVISED - |

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

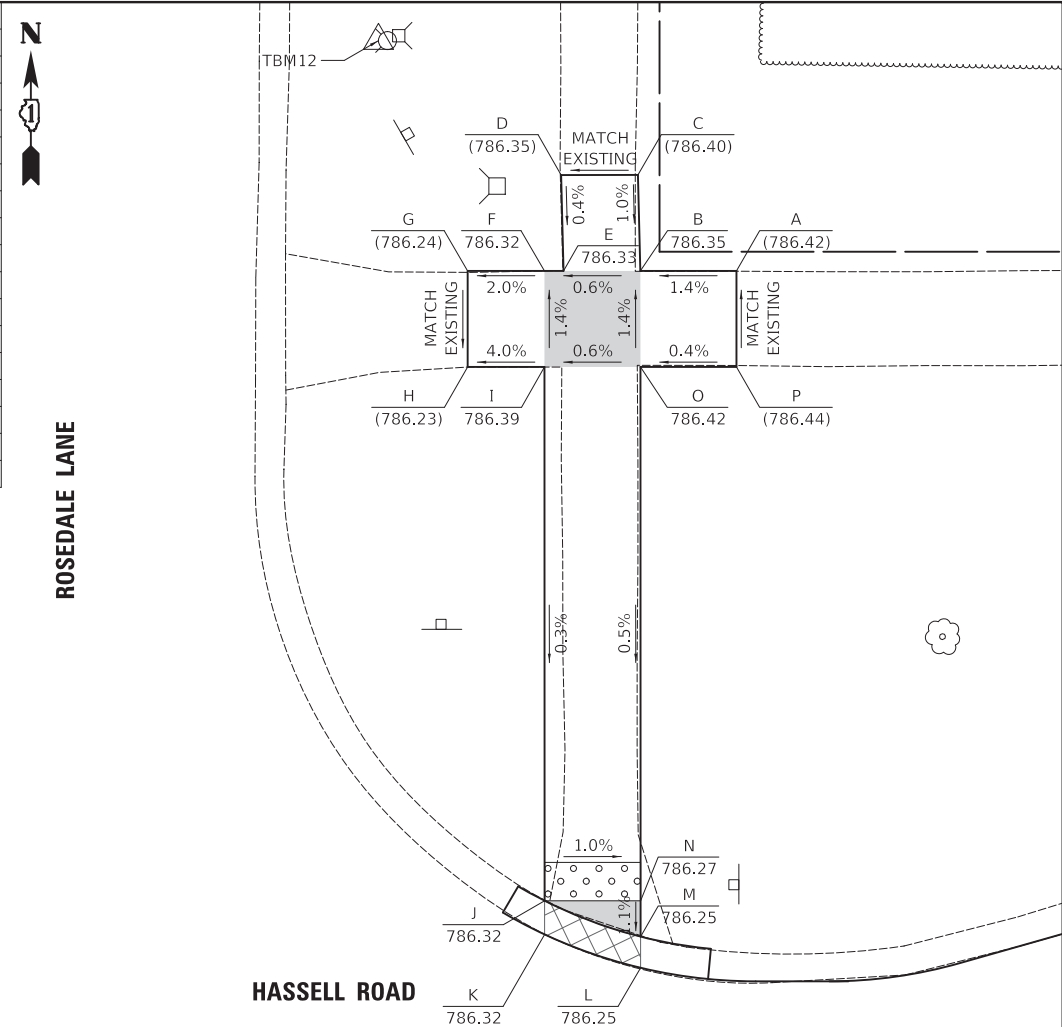
JONES ROAD  
 SIDEWALK GRADING PLAN

SCALE: 1" = 10' SHEET OF SHEETS STA. TO STA.

|                           |                        |             |                 |              |
|---------------------------|------------------------|-------------|-----------------|--------------|
| F.A.U. RTE. 1101          | SECTION 17-00100-00-R5 | COUNTY COOK | TOTAL SHEETS 37 | SHEET NO. 28 |
| CONTRACT NO. 61H09        |                        |             |                 |              |
| ILLINOIS FED. AID PROJECT |                        |             |                 |              |



| ROSEDALE LANE (NE QUADRANT) |                |                |
|-----------------------------|----------------|----------------|
| POINT                       | NORTHING       | EASTING        |
| A                           | 1,965,727.2617 | 1,047,418.1308 |
| B                           | 1,965,727.0129 | 1,047,413.1351 |
| C                           | 1,965,732.0004 | 1,047,412.7597 |
| D                           | 1,965,731.7999 | 1,047,408.7647 |
| E                           | 1,965,726.8140 | 1,047,409.1400 |
| F                           | 1,965,726.7643 | 1,047,408.1413 |
| G                           | 1,965,726.5638 | 1,047,404.1463 |
| H                           | 1,965,721.5700 | 1,047,404.3969 |
| I                           | 1,965,721.7705 | 1,047,408.3919 |
| J                           | 1,965,693.9990 | 1,047,409.7857 |
| K                           | 1,965,692.2453 | 1,047,409.8730 |
| L                           | 1,965,690.7581 | 1,047,414.9540 |
| M                           | 1,965,692.3828 | 1,047,414.8731 |
| N                           | 1,965,694.2496 | 1,047,414.7794 |
| O                           | 1,965,722.0192 | 1,047,413.3857 |
| P                           | 1,965,722.2679 | 1,047,418.3795 |



**LEGEND**

|          |                    |
|----------|--------------------|
| X        | LOCATION POINT     |
| (XXX.XX) | EXISTING ELEVATION |
| X        | LOCATION POINT     |
| XXX.XX   | PROPOSED ELEVATION |
| (X.X%)   | EXISTING SLOPE     |
| X.X%     | PROPOSED SLOPE     |
| -----    | GRADING LINE       |

**CONTROL POINTS**

CP17: CROSS CUT (SET) IN SIDEWALK LOCATED AT NORTHWEST QUADRANT OF HASSELL ROAD AND ROSEDALE LANE INTERSECTION.  
 NORTHING = 1,965,717.9790  
 EASTING = 1,047,324.8930  
 ELEVATION = 786.52

CP18: CROSS CUT (SET) IN SIDEWALK LOCATED AT SOUTHWEST QUADRANT OF JONES ROAD AND HASSELL ROAD INTERSECTION.  
 NORTHING = 1,965,649.6910  
 EASTING = 1,047,740.0750  
 ELEVATION = 785.06

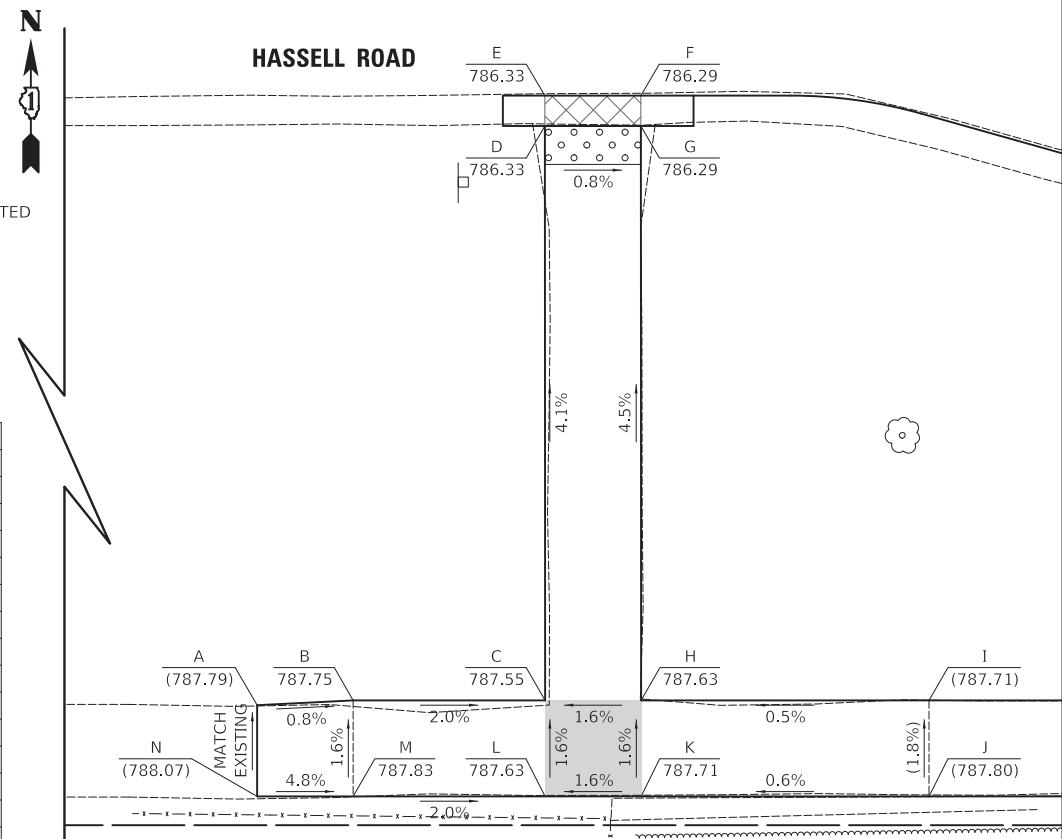
**BASIS OF COORDINATES**

COORDINATES ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM (NAD 83).

**TEMPORARY BENCHMARK 12**

CROSS CUT (SET) IN FIRE HYDRANT BOLT LOCATED AT NORTHEAST QUADRANT OF HASSELL ROAD AND ROSEDALE LANE INTERSECTION.  
 ELEVATION = 788.66 (NAVD 88)

| ROSEDALE LANE (SE QUADRANT) |                |                |
|-----------------------------|----------------|----------------|
| POINT                       | NORTHING       | EASTING        |
| A                           | 1,965,633.3848 | 1,047,397.8088 |
| B                           | 1,965,633.8832 | 1,047,402.7901 |
| C                           | 1,965,634.3805 | 1,047,412.7778 |
| D                           | 1,965,664.2629 | 1,047,411.2780 |
| E                           | 1,965,665.8410 | 1,047,411.1995 |
| F                           | 1,965,666.0896 | 1,047,416.1933 |
| G                           | 1,965,664.5116 | 1,047,416.2719 |
| H                           | 1,965,634.6292 | 1,047,417.7716 |
| I                           | 1,965,635.3753 | 1,047,432.7530 |
| J                           | 1,965,630.3814 | 1,047,433.0017 |
| K                           | 1,965,629.6354 | 1,047,418.0203 |
| L                           | 1,965,629.3867 | 1,047,413.0264 |
| M                           | 1,965,628.8893 | 1,047,403.0388 |
| N                           | 1,965,628.6407 | 1,047,398.0450 |



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 PEN TABLE = ...\\smb1\cra\_idot\_ppdu.tbl  
 FILE NAME = ...3390-ht-rosedale11.dgn



|                            |                 |           |
|----------------------------|-----------------|-----------|
| USER NAME = mjp            | DESIGNED - MJP  | REVISED - |
|                            | DRAWN - MC      | REVISED - |
| PLOT SCALE = 5.0000' / in. | CHECKED - DNM   | REVISED - |
| PLOT DATE = 2/8/2021       | DATE - 02/08/21 | REVISED - |

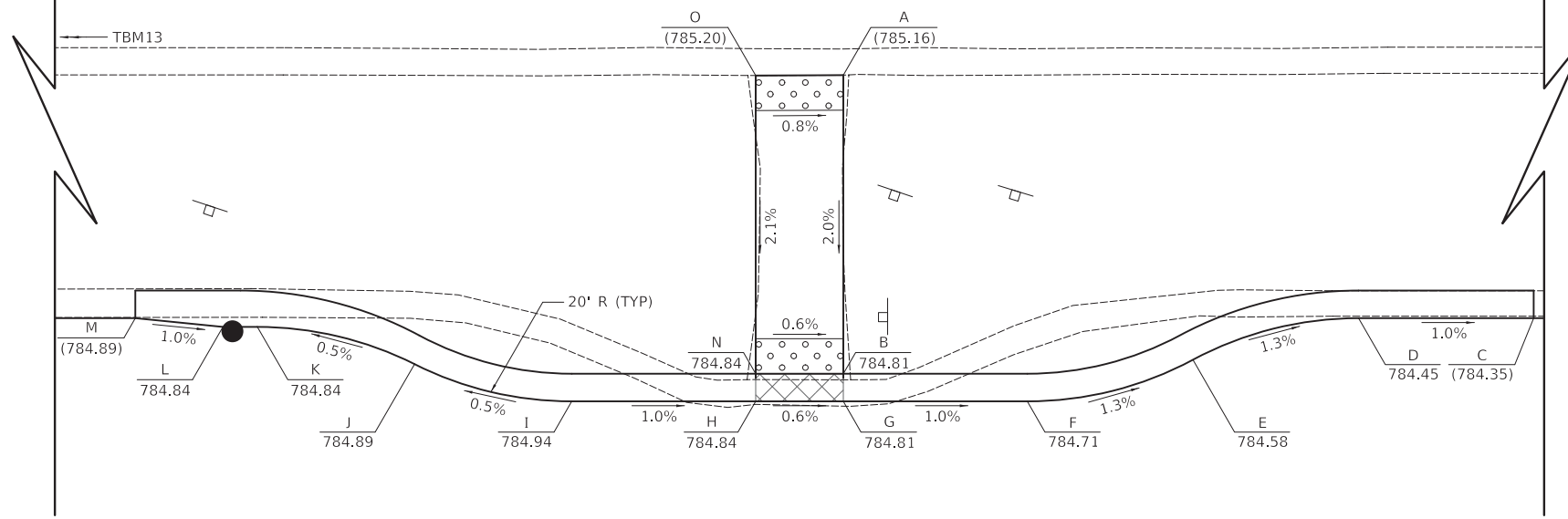
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

HASSELL ROAD AND ROSEDALE LANE  
 SIDEWALK GRADING PLAN

SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

|                           |                |        |              |           |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE.               | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1100                      | 17-00100-00-R5 | COOK   | 37           | 29        |
| CONTRACT NO. 61H09        |                |        |              |           |
| ILLINOIS FED. AID PROJECT |                |        |              |           |

| MID-BLOCK CROSSING (NORTH SIDE) |                |                |
|---------------------------------|----------------|----------------|
| POINT                           | NORTHING       | EASTING        |
| A                               | 1,965,722.5516 | 1,047,682.7790 |
| B                               | 1,965,705.5198 | 1,047,683.6271 |
| C                               | 1,965,710.6458 | 1,047,722.8267 |
| D                               | 1,965,710.1484 | 1,047,712.8391 |
| E                               | 1,965,707.3062 | 1,047,703.5159 |
| F                               | 1,965,704.4640 | 1,047,694.1927 |
| G                               | 1,965,703.9417 | 1,047,683.7057 |
| H                               | 1,965,703.6930 | 1,047,678.7119 |
| I                               | 1,965,703.1708 | 1,047,668.2249 |
| J                               | 1,965,704.8470 | 1,047,659.1590 |
| K                               | 1,965,706.5231 | 1,047,650.0931 |
| L                               | 1,965,706.4255 | 1,047,648.1321 |
| M                               | 1,965,706.6762 | 1,047,643.1134 |
| N                               | 1,965,705.2711 | 1,047,678.6333 |
| O                               | 1,965,722.2780 | 1,047,677.7864 |

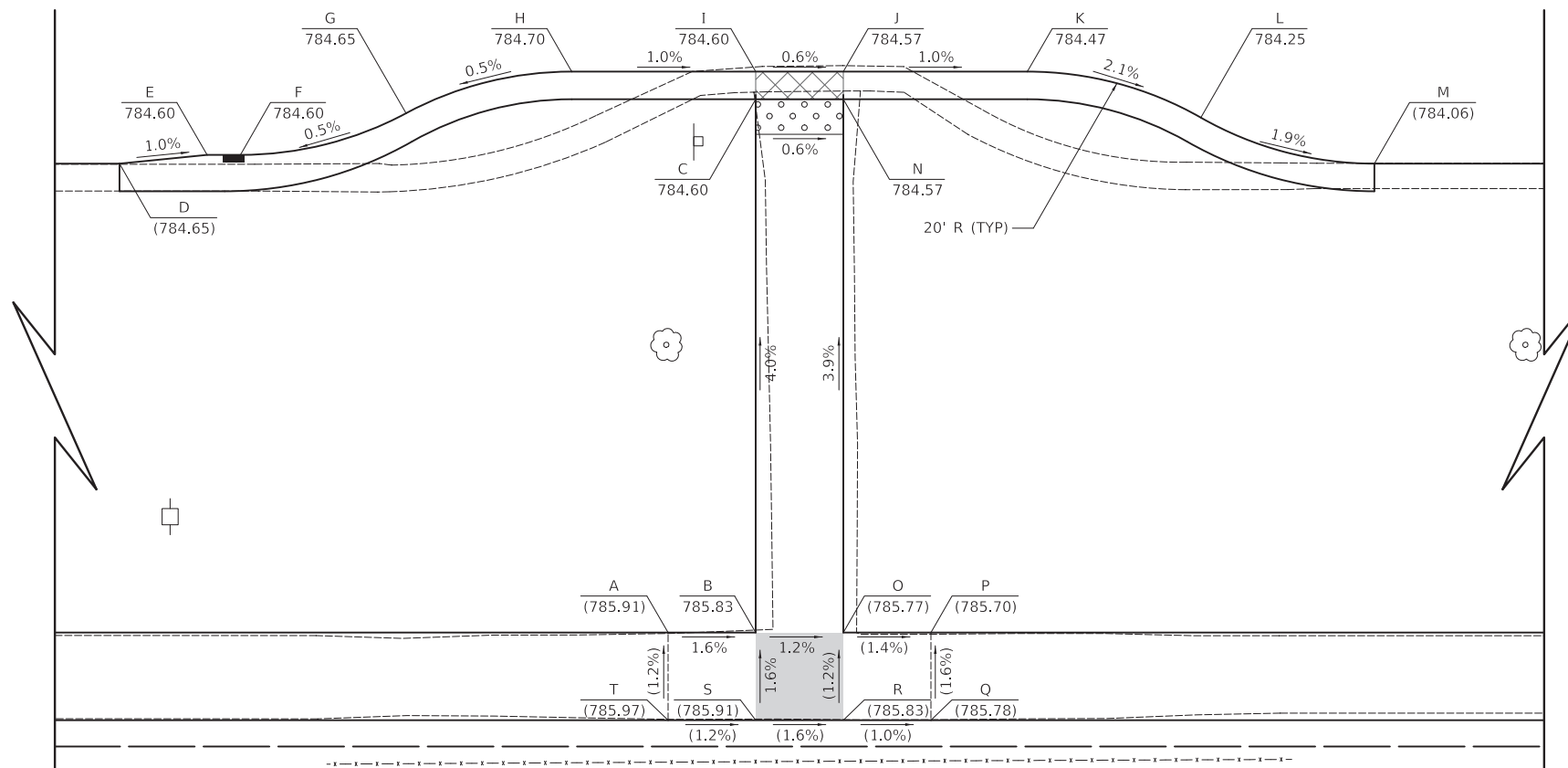


HASSELL ROAD

**LEGEND**

|          |                    |
|----------|--------------------|
| X        | LOCATION POINT     |
| (XXX.XX) | EXISTING ELEVATION |
| X        | LOCATION POINT     |
| XXX.XX   | PROPOSED ELEVATION |
| (X.X%)   | EXISTING SLOPE     |
| X.X%     | PROPOSED SLOPE     |
| ----     | GRADING LINE       |

HASSELL ROAD



| MID-BLOCK CROSSING (SOUTH SIDE) |                |                |
|---------------------------------|----------------|----------------|
| POINT                           | NORTHING       | EASTING        |
| A                               | 1,965,647.5137 | 1,047,676.5033 |
| B                               | 1,965,647.7623 | 1,047,681.4972 |
| C                               | 1,965,678.1447 | 1,047,679.9842 |
| D                               | 1,965,672.6733 | 1,047,643.9016 |
| E                               | 1,965,673.4214 | 1,047,648.8705 |
| F                               | 1,965,673.5161 | 1,047,650.7722 |
| G                               | 1,965,676.3583 | 1,047,660.0954 |
| H                               | 1,965,679.2005 | 1,047,669.4186 |
| I                               | 1,965,679.7227 | 1,047,679.9056 |
| J                               | 1,965,679.9714 | 1,047,684.8994 |
| K                               | 1,965,680.4937 | 1,047,695.3864 |
| L                               | 1,965,678.3646 | 1,047,705.4097 |
| M                               | 1,965,676.2354 | 1,047,715.4330 |
| N                               | 1,965,678.3934 | 1,047,684.9780 |
| O                               | 1,965,648.0110 | 1,047,686.4910 |
| P                               | 1,965,648.2597 | 1,047,691.4848 |
| Q                               | 1,965,643.2659 | 1,047,691.7335 |
| R                               | 1,965,643.0172 | 1,047,686.7397 |
| S                               | 1,965,642.7685 | 1,047,681.7458 |
| T                               | 1,965,642.5198 | 1,047,676.7520 |

**CONTROL POINTS**

CP17: CROSS CUT (SET) IN SIDEWALK LOCATED AT NORTHWEST QUADRANT OF HASSELL ROAD AND ROSEDALE LANE INTERSECTION.  
 NORTHING = 1,965,717.9790  
 EASTING = 1,047,324.8930  
 ELEVATION = 786.52

CP18: CROSS CUT (SET) IN SIDEWALK LOCATED AT SOUTHWEST QUADRANT OF JONES ROAD AND HASSELL ROAD INTERSECTION.  
 NORTHING = 1,965,649.6910  
 EASTING = 1,047,740.0750  
 ELEVATION = 785.06

**BASIS OF COORDINATES**

COORDINATES ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM (NAD 83).

**TEMPORARY BENCHMARK 13**

CROSS CUT (SET) IN BACK-OF-CURB LOCATED ABOUT 65' WEST OF THE MID-BLOCK CROSSING ON THE NORTH SIDE OF HASSELL ROAD.  
 ELEVATION = 785.24 (NAVD 88)

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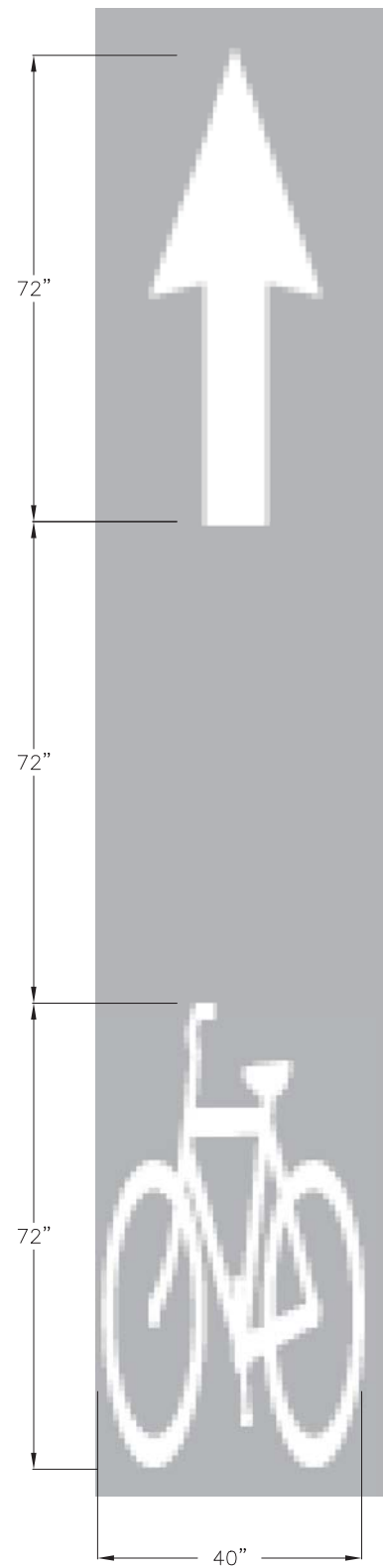
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| PLOT SCALE = 5.0000' / 1" | DRAWN - MC      | REVISED - |
| PLOT DATE = 2/8/2021      | CHECKED - DNM   | REVISED - |
|                           | DATE - 02/08/21 | REVISED - |

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

HASSELL ROAD MID-BLOCK CROSSING  
 SIDEWALK GRADING PLAN

SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.

| F.A.U. RTE. | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO.                 |
|-------------|----------------|--------|--------------|---------------------------|
| 1100        | 17-00100-00-R5 | COOK   | 37           | 30                        |
|             |                |        |              | CONTRACT NO. 61H09        |
|             |                |        |              | ILLINOIS FED. AID PROJECT |

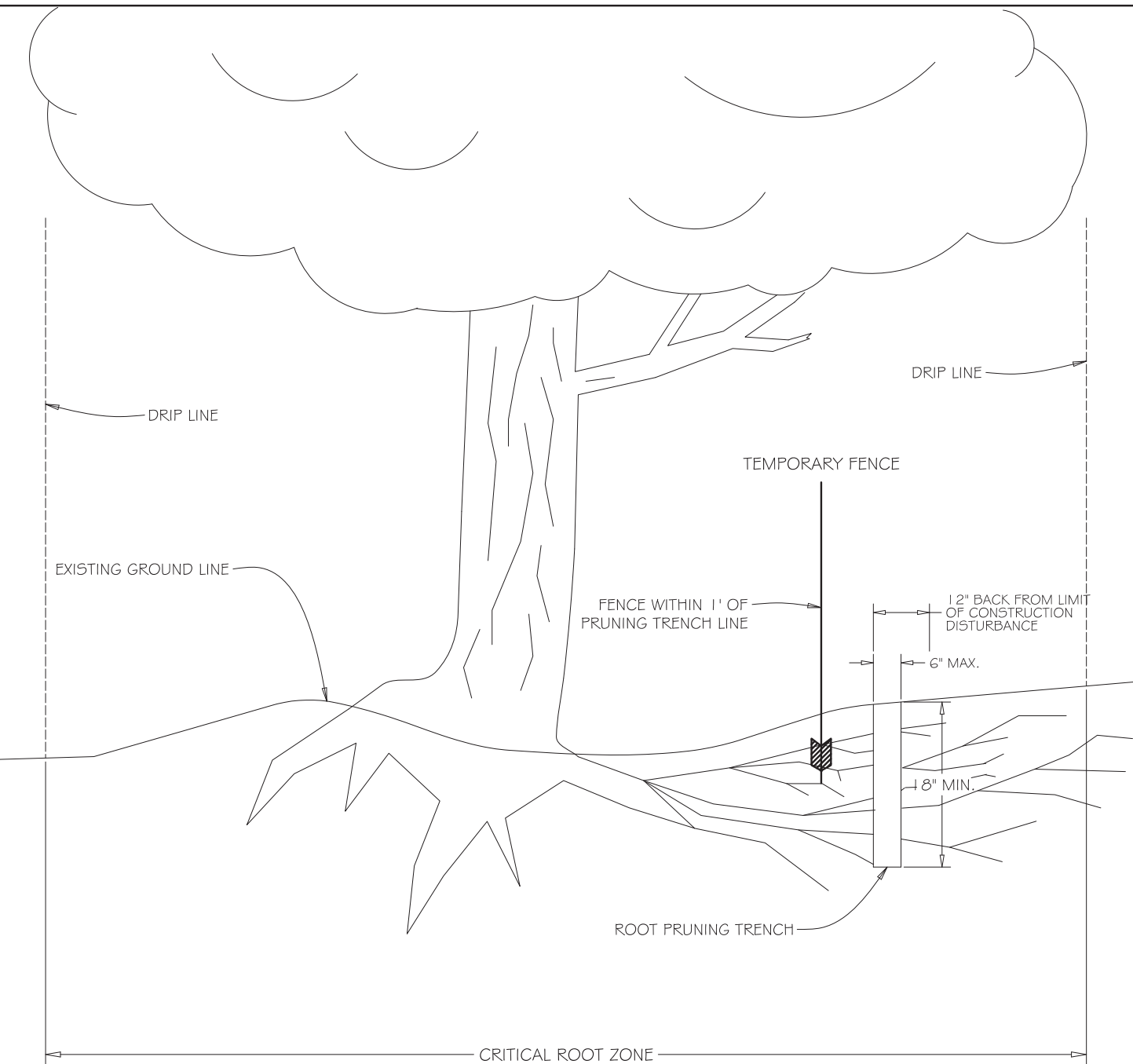
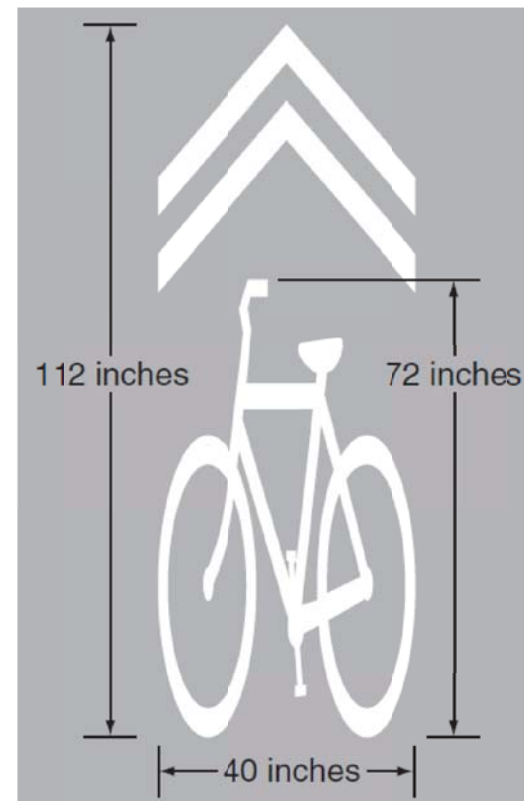


**GENERAL NOTES:**

1. STRIPING TO BE PERFORMED THERMOPLASTIC PAVEMENT MARKING.
2. STRIPING TO BE PLACED 11 FEET (ON CENTER) FROM FACE OF CURB WHEN ADJACENT TO A PARKING LANE.

NOT TO SCALE

**BIKE LANE AND SHARROW STRIPING DETAIL**



**GENERAL NOTES:**

1. EXACT LOCATION OF ROOT PRUNING TO BE AS SPECIFIED BY ENGINEER OR VILLAGE REPRESENTATIVE.
2. BACKFILL ROOT PRUNING TRENCH IMMEDIATELY FOLLOWING COMPLETION OF PRUNING ACTIVITIES.
3. ROOT PRUNING ACTIVITIES AND THE PLACEMENT OF PROTECTIVE FENCING SHALL BE COORDINATED SO THAT BOTH SHALL BE COMPLETED AT EACH LOCATION WITHIN A 48 HOUR PERIOD.
4. UNDER NO CIRCUMSTANCES SHALL CONSTRUCTION PROCEED PRIOR TO THE COMPLETION OF ROOT PRUNING AND THE PLACEMENT OF PROTECTIVE FENCING, NOR SHALL FENCING BE REMOVED WITHOUT PRIOR AUTHORIZATION FROM THE ENGINEER OR VILLAGE REPRESENTATIVE.

NOT TO SCALE

**TREE AND BUSH ROOT PRUNING**

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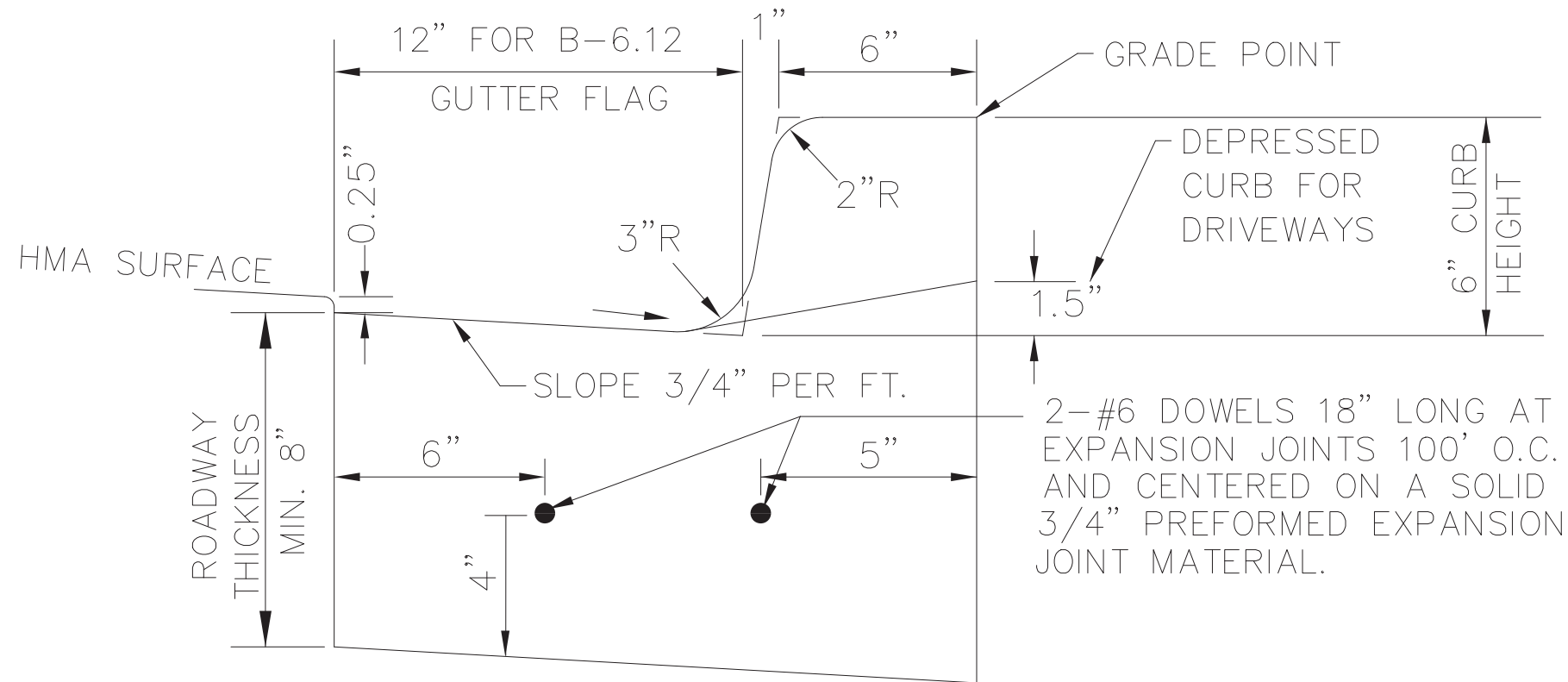
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|                           | DRAWN - MC      | REVISED - |
| PLOT SCALE = 1:8000' / 1" | CHECKED - DNM   | REVISED - |
| PLOT DATE = 2/8/2021      | DATE - 02/08/21 | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**STP RESURFACING  
 CONSTRUCTION DETAILS**

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

| F.A.U. RTE.               | SECTION        | COUNTY | TOTAL SHEETS       | SHEET NO. |
|---------------------------|----------------|--------|--------------------|-----------|
|                           | 17-00100-00-R5 | COOK   | 37                 | 31        |
| ILLINOIS FED. AID PROJECT |                |        | CONTRACT NO. 61H09 |           |



TYPE B6.12 CURB AND GUTTER

NOTES:

1. THE CURB SHALL BE DEPRESSED AT ALL APRONS AND ACROSS ALL SIDEWALK RAMPING IN ACCORDANCE WITH PROJECT DETAILS AND ADA GUIDELINES.
2. CONTRACTION JOINTS TO BE TOOLED OR SAWCUT EVERY 15' TO A DEPTH OF 1.5".
3. EXPANSION JOINTS SHALL BE PROVIDED AT THE BEGINNING AND END OF ALL RETURN RADII, 5 FEET EITHER SIDE OF A DRAINAGE STRUCTURE, AT THE END OF A DAY'S POUR, AND/OR AT SPACING NOT TO EXCEED 100 FEET.

CURB & GUTTER DETAIL

| SCALE  | NONE    | NO. | REVISIONS               | BY                  | DATE |
|--|---------|-----|-------------------------|---------------------|------|
| DATE   | 2-25-20 |     |                         |                     |      |
| DRAFTER  | GB      |     |                         |                     |      |
| VILLAGE OF HOFFMAN ESTATES<br>ENGINEERING DIVISION |         |     | FILE NAME:<br>CURBS.DWG | SHEET NO.<br>1 OF 1 |      |

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|                           | DRAWN - MC      | REVISED - |
| PLOT SCALE = 1.0000' / 1" | CHECKED - DNM   | REVISED - |
| PLOT DATE = 2/8/2021      | DATE - 02/08/21 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

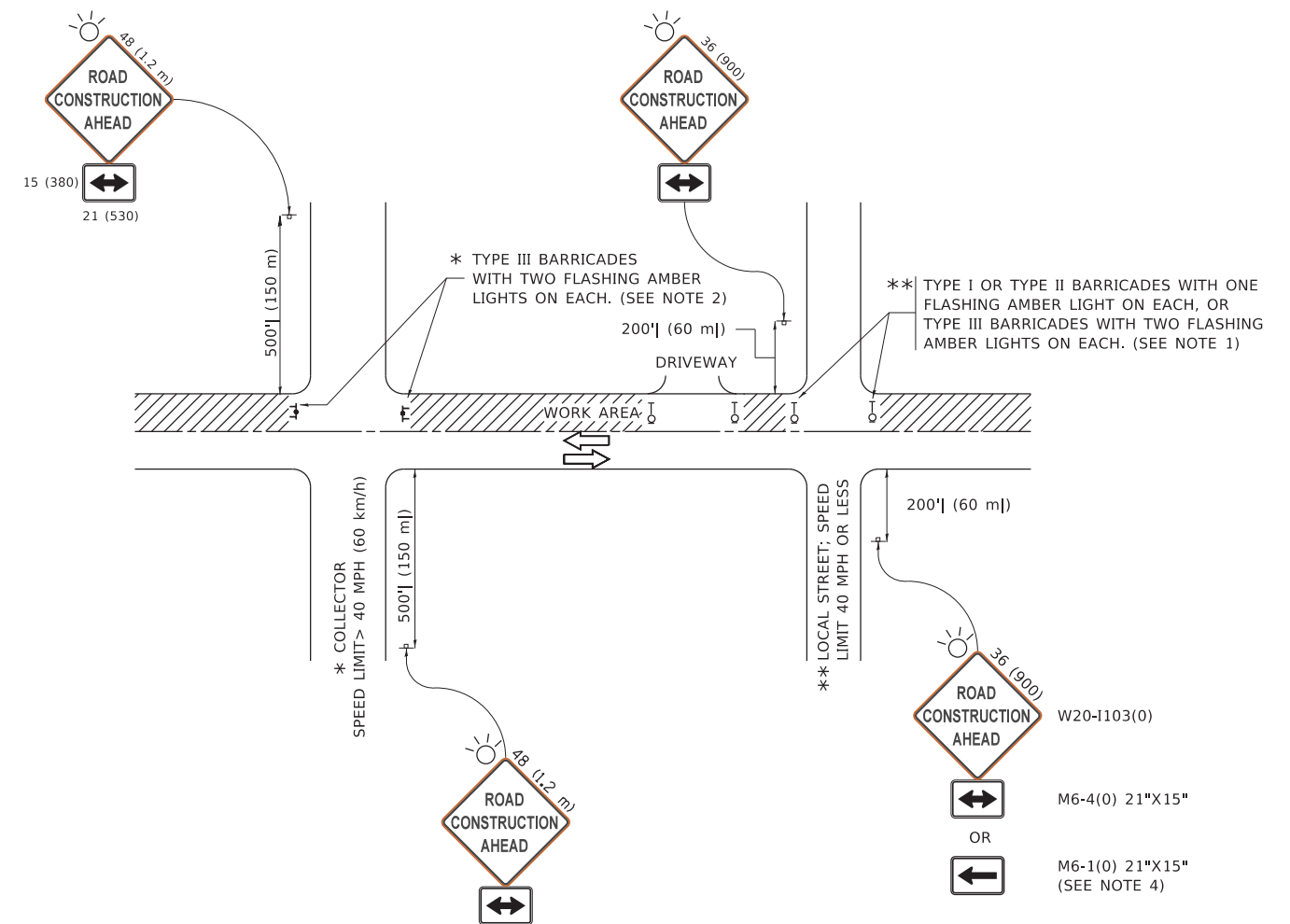
STP RESURFACING  
CONSTRUCTION DETAILS

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

| F.A.U. RTE.               | SECTION        | COUNTY | TOTAL SHEETS       | SHEET NO. |
|---------------------------|----------------|--------|--------------------|-----------|
|                           | 17-00100-00-R5 | COOK   | 37                 | 32        |
| ILLINOIS FED. AID PROJECT |                |        | CONTRACT NO. 61H09 |           |







**NOTES:**

1. 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:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) 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.
  - b) BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. 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.
4. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

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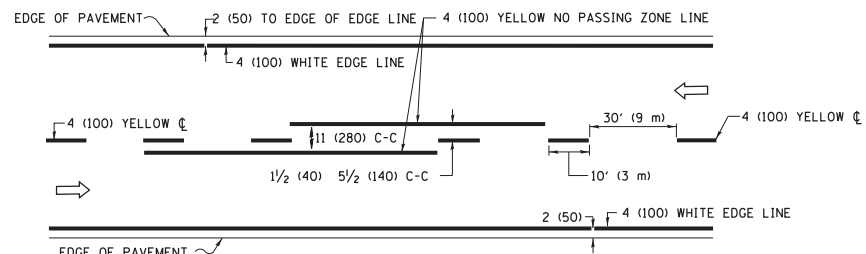
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| PLOT DATE = 3/4/2019         | DATE - 06-89      | REVISED - A. SCHUETZE 07-01-13  |
|                              |                   | REVISED - A. SCHUETZE 09-15-16  |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

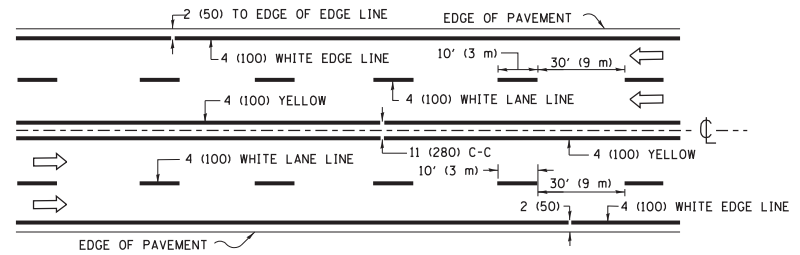
**TRAFFIC CONTROL AND PROTECTION FOR  
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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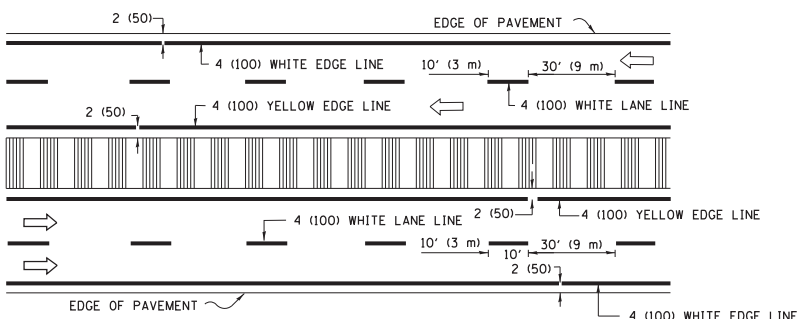
| F.A.U. RTE.               | SECTION        | COUNTY | TOTAL SHEETS              | SHEET NO. |
|---------------------------|----------------|--------|---------------------------|-----------|
|                           | 17-00100-00-RS | COOK   | 37                        | 34        |
| <b>TC-10</b>              |                |        | <b>CONTRACT NO. 61H09</b> |           |
| ILLINOIS FED. AID PROJECT |                |        |                           |           |



**2-LANE ROADWAY**

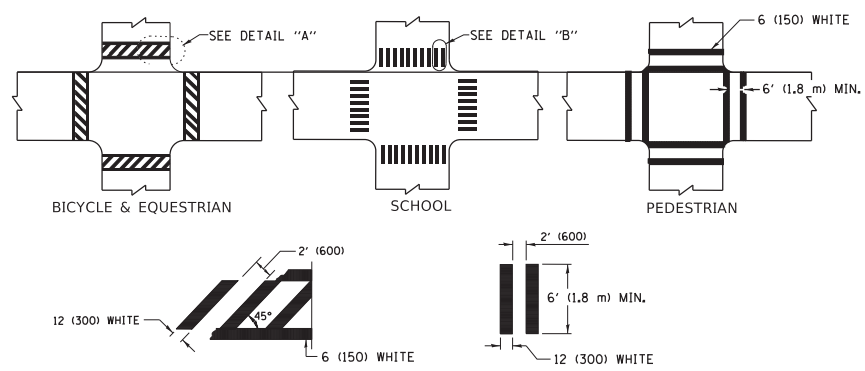


**MULTI-LANE UNDIVIDED**



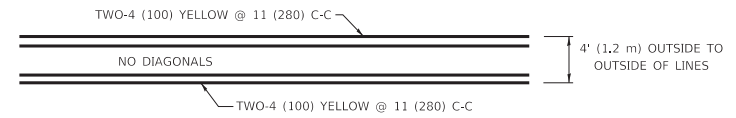
**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

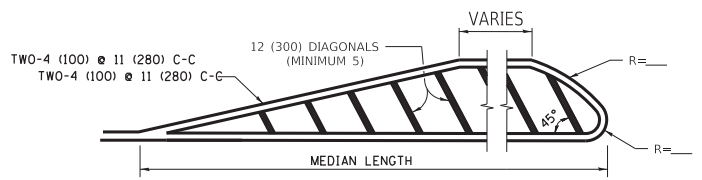


**TYPICAL CROSSWALK MARKING**

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

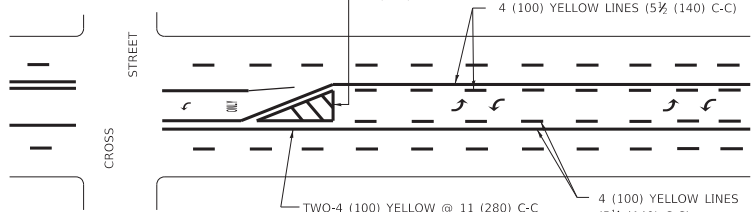


**4' (1.2 m) WIDE MEDIANS ONLY**



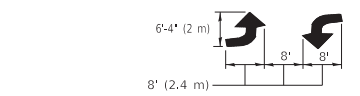
**MEDIANS OVER 4' (1.2 m) WIDE**

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))  
75' (25 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**

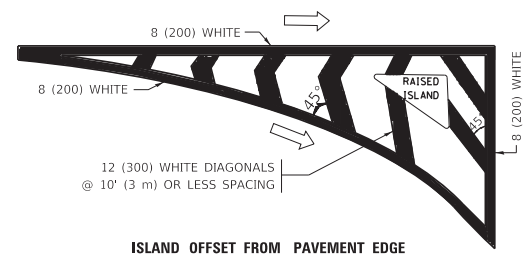
A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



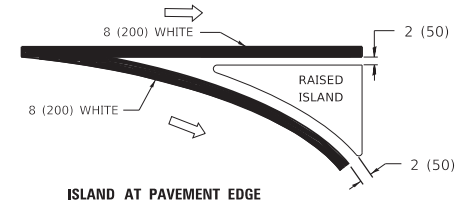
**TYPICAL LEFT (OR RIGHT) TURN LANE**

**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".

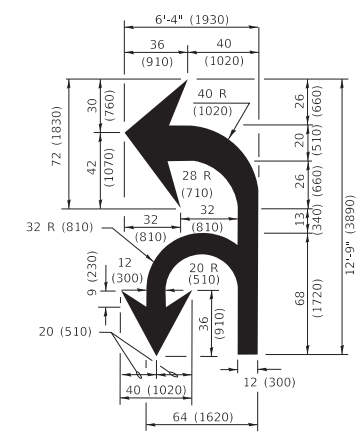


**ISLAND OFFSET FROM PAVEMENT EDGE**

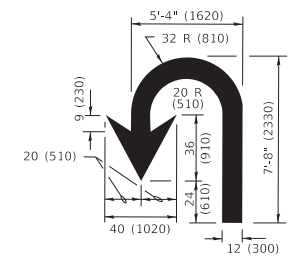


**ISLAND AT PAVEMENT EDGE**

**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 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>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' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h))<br>150' (45 m) C-C (OVER 45MPH (70 km/h))                        |
| 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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| PLOT DATE = 3/4/2019       | DATE - 03-19-90  | REVISED - C. JUCIUS 12-21-15 |
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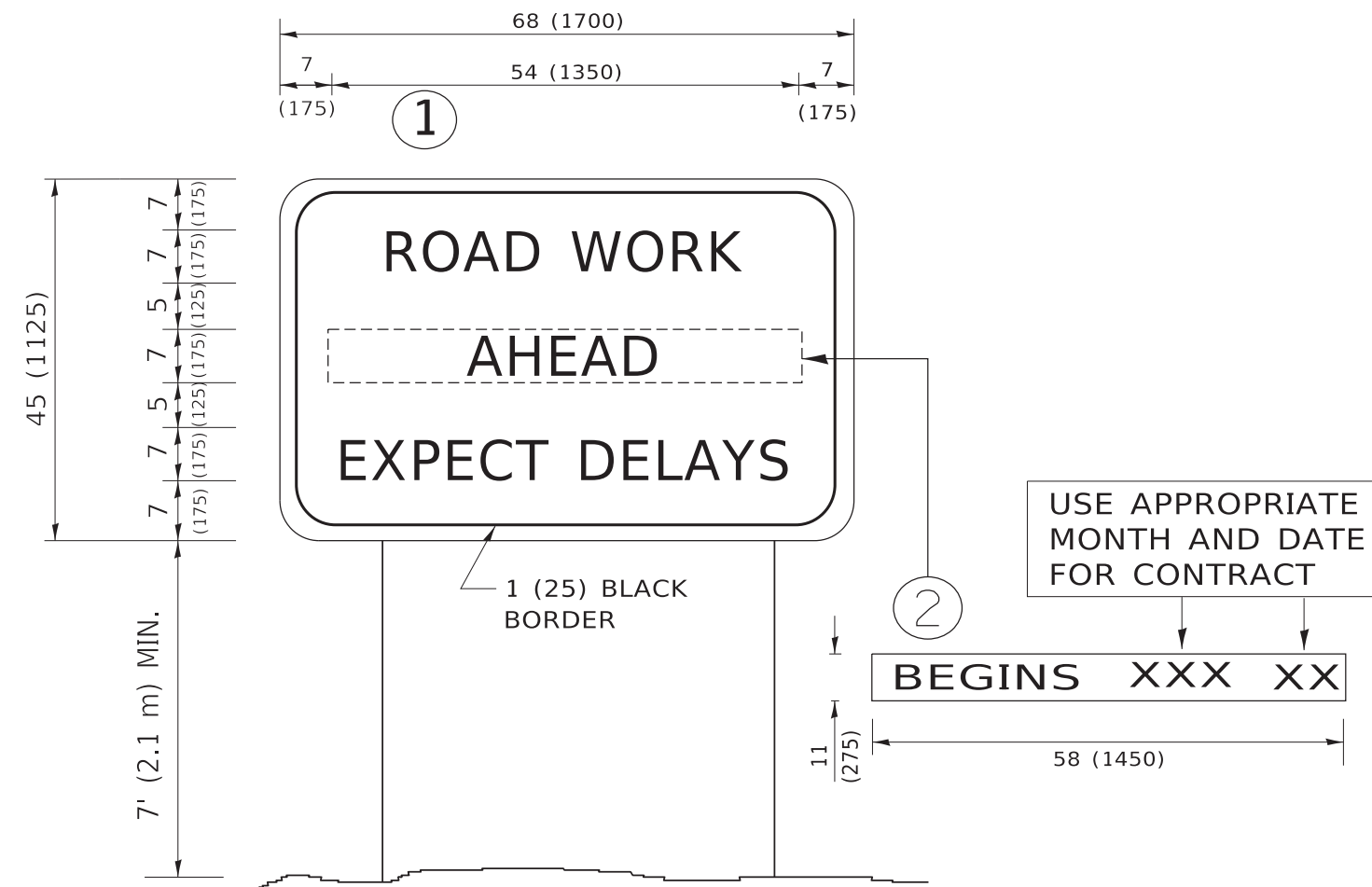
**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

|   |                     |              |  |
|---|---------------------|--------------|--|
| <b>DISTRICT ONE TYPICAL PAVEMENT MARKINGS</b> |                     |              |  |
| SCALE: NONE                                   | SHEET 1 OF 2 SHEETS | STA. TO STA. |  |

|                           |                |                           |              |           |
|---------------------------|----------------|---------------------------|--------------|-----------|
| F.A.U. RTE.               | SECTION        | COUNTY                    | TOTAL SHEETS | SHEET NO. |
|                           | 17-00100-00-RS | COOK                      | 37           | 35        |
| <b>TC-13</b>              |                | CONTRACT NO. <b>61H09</b> |              |           |
| ILLINOIS FED. AID PROJECT |                |                           |              |           |







**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.

MODEL: D:\draft...  
 FILE NAME: p:\u1108\BEBIDN\TEG...  
 PROJECT: D:\draft...

|                              |            |                                 |
|------------------------------|------------|---------------------------------|
| 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**

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

| F.A.U. RTE.               | SECTION        | COUNTY                    | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|---------------------------|--------------|-----------|
|                           | 17-00100-00-RS | COOK                      | 37           | 37        |
| <b>TC-22</b>              |                | CONTRACT NO. <b>61H09</b> |              |           |
| ILLINOIS FED. AID PROJECT |                |                           |              |           |