

PROPOSED LIGHTING CONTROLLER ONE LINE DIAGRAM

ONE-LINE LEGEND

- PROPOSED LIGHT POLE
- PROPOSED ELECTRIC CABLE IN CONDUIT
- ⚡ PROPOSED LIGHTING CONTROLLER
- PROPOSED ELECTRIC SERVICE INSTALLATION ON COM ED WOOD POLE
- ① EXISTING LIGHT POLE W/ 400W HPS LUMINAIRE
- ② EXISTING LIGHT POLE W/ 250W HPS LUMINAIRE(S)
- ③ EXISTING LIGHT POLE W/ 132W LED LUMINAIRE
- ⊗ EXISTING COMBINATION TRAFFIC SIGNAL/LIGHT POLE
- EXISTING ELECTRIC CABLE IN CONDUIT
- ⊞ EXISTING HANDHOLE
- ⚡ EXISTING LIGHTING CONTROLLER
- EXISTING ELECTRIC SERVICE AT COM ED PAD MOUNTED TRANSFORMER
- POLE NUMBER
- PI-CKT A — LIGHTING CIRCUIT IDENTIFIER
- CENTERLINE OF ROADWAY

| | | | | |
|---|-----------------------|-------------|----------------|-----------|
| FILE NAME = | USER NAME = jmliller | DESIGNED KB | DJK | REVISED - |
| N:\SCHAUMBURG\150321\Mech\LD1_150321.05.sht | | DRAWN | KB/DRK | REVISED - |
| Default | PLOT SCALE = 20' | CHECKED | AJD | REVISED - |
| | PLOT DATE = 6/12/2018 | DATE | 04/06/18 FINAL | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

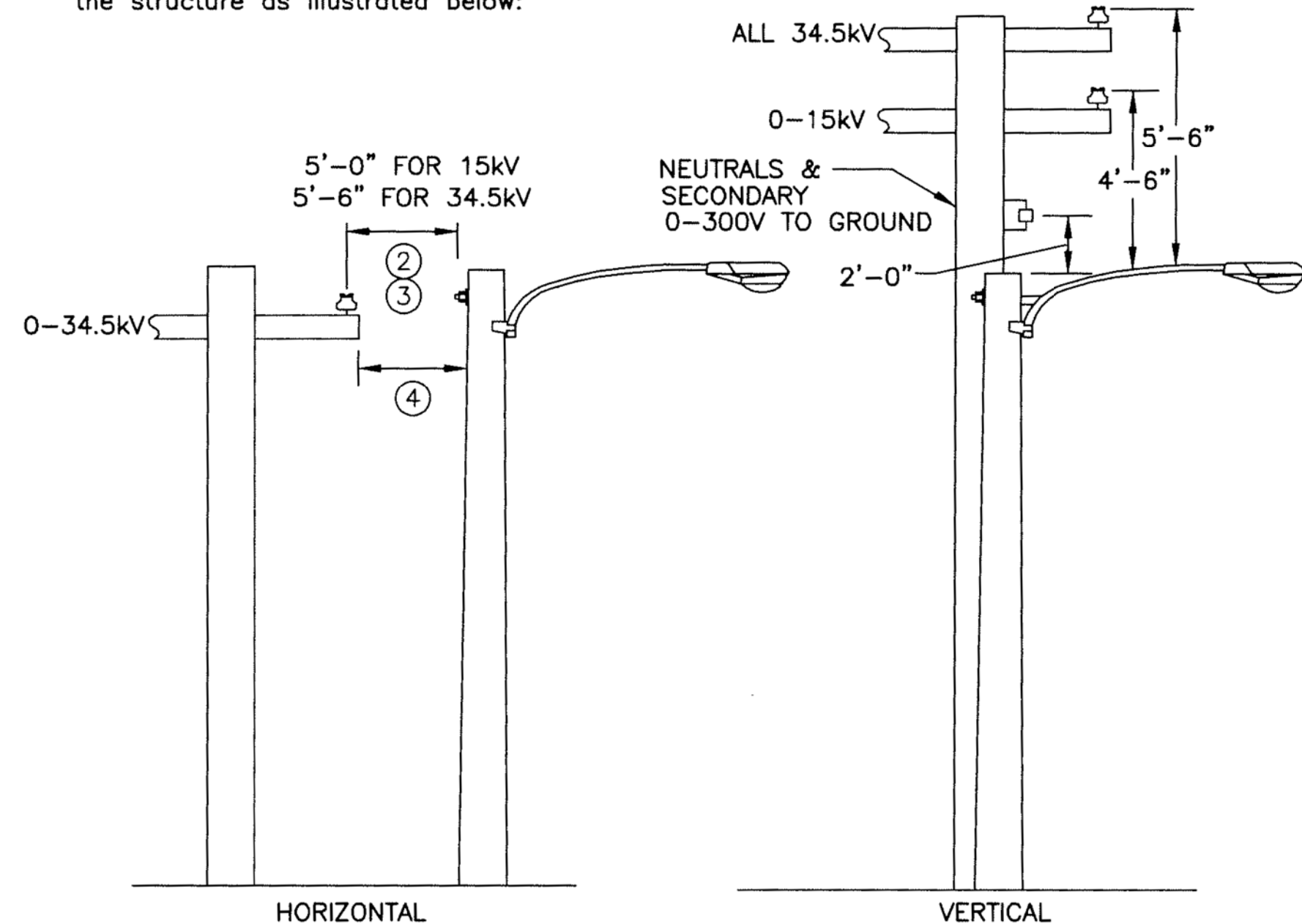
**PLUM GROVE ROAD
LIGHTING DETAILS (SHEET 4 OF 5)**

SCALE: N.T.S. SHEET 4 OF 5 SHEETS STA. TO STA.

| | | | | |
|--------------------|----------------|--------|---------------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 201 |
| CONTRACT NO. 61E16 | | | ILLINOIS FED. AID PROJECT | |

**CLEARANCE FOR CONDUCTORS FROM OTHER SUPPORTING STRUCTURES
 (REFERENCE NESC 234B) ①**

Conductors passing near a lighting support, traffic signal support, or a supporting structure of a second line, without being attached thereto, shall have clearance from any part of the structure as illustrated below:



- NOTES (applicable to this page only)**
- ① For sag conditions see General Notes, page 3.
 - ② Additional horizontal space may be required at midspan under wind conditions to meet the basic wind clearance. The table below right depicts the amount of horizontal blowout under wind conditions (based on sag of 266.8 kcmil bare aluminum at 60°F, which has the largest blowout). Use the 6 lb/ft² wind force for unsheltered locations and the 4 lb/ft² wind force for sheltered locations. Note that most horizontal clearances have both at rest and under wind condition clearances. The blowout figures should be applied to the under wind condition clearances (refer to note 3).
 - ③ Clearances shown are for conductors at rest (no wind displacement). When the conductor is displaced by wind, it cannot come closer than 3'-6" for open supply conductors 0-750V, and 4'-6" for open supply conductors 750V-15kV. 5'-0" for open supply conductors 15kV-34kV.
 - ④ For guys, messengers, neutrals, and cables of 300 Volts or less to ground, the clearance may be reduced to 3 feet.

| WIND FORCE | SPAN LENGTH | HORIZONTAL BLOWOUT |
|----------------------------------|-------------|--------------------|
| 6 LB/FT ² (48 mph) | 100' | 12" |
| | 150' | 18" |
| | 200' | 26" |
| 4 LB/FT ² (39 mph) | 100' | 9" |
| | 150' | 15" |
| | 200' | 21" |

COM ED STANDARD DETAIL C7500



ComEd
 An Exelon Company

**Service and Meter Application
 Switch and Load Information Sheet**

Please complete a separate sheet for each switch – existing or new:

Project Name: Plum Grove Road Roadway Improvements
 Site Address: 1401 N. Plum Grove Road
 Switch Name and Location: Proposed Lighting Controller to be located 300' S of State Parkway

- Service Voltage (check one):**
- 120/240V 1-phase, 3-wire
 - 120/240V 3-phase, 4-wire
 - 120/208V 3-phase, 4-wire
 - Other:
 - 4kV
 - 12kV
 - 34kV 3-phase, 3-wire
 - 4kV
 - 12kV
 - 3-phase, 4-wire
 - 277/480V 3-phase, 4-wire
 - 480V 3-phase 3-wire (B-phase Grounded)
 - 480V 3-phase 3-wire (Ungrounded – requires ground detection equip.)

- Other Items (check all that apply):**
- New Construction
 - Building Addition
 - Relocating Existing Service Entrance
 - Hi-Rise/ Vault Service
 - Undergroud Service
 - Overhead Service
 - Commercial – No. of units
 - Residential – No. of units

Date of Ground Breaking (est.): August 2018
 Date to Energize: November 2018
 Date to Final Grade (est.): November 2018
 Hours of Operation Per Day: 8 12 16 24

Switch Size (amps): 100A (If switchgear is 1,200 Amps or larger, customer must submit drawings for ComEd approval)
 Switch Rating (percentage): 80%
 Secondary Conductors: 1 (Number) Sets of 3 /C #2 (No. of conductors) #2 (Size) CU or AL (Type)

Total Connected Load Information:

| (KW or HP) | Description: | Connected Load: | |
|--------------------|------------------|-----------------|---------|
| | | 1-phase | 3-phase |
| Lighting: | Roadway Lighting | 10kW | |
| VAC: | | | |
| Receptacle: | | | |
| Process Heat: | | | |
| Water Heat: | | | |
| Space Heat: | | | |
| Motors*: | | | |
| Welders**: | | | |
| TOTAL LOAD: | | 10kW | |

***Motor Load Detail included above:**

| Description | Quantity | Size (HP) | Efficiency Rating | Phase / Voltage | Nema Code | Starts Per Hr. or Day | Starting Amps | Use |
|-------------|----------|-----------|-------------------|-----------------|-----------|-----------------------|---------------|-----|
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

****Welder Detail included above:**

| Description | Quantity | Size (kVA) | Type | Max. Inst. Demand | P.F. at Peak | Welds Per Minute | Cycles Per Weld | Hours Per Day Use |
|-------------|----------|------------|------|-------------------|--------------|------------------|-----------------|-------------------|
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |



ComEd
 An Exelon Company

**Service and Meter Application
 Project Information Sheet**

Project Name: Plum Grove Road Roadway Improvements
 Site Address: 1401 N. Plum Grove Road City: Schaumburg Zip: 60173

Total Number of Service Entrance Locations (meters/switches) Requested: 1

Legal Name of Entity (Electric Consumer): Village of Schaumburg
 Corporation Partnership Sole Proprietor Other: Municipality
 Tax I.D.: Existing Account Number: 83148172

Principle(s) to Sign Contracts For Service, Easements, Etc.:

Property Owner: Phone:
 Building Owner: Phone:
 Building Manager: Dave Hellmer Phone: (847) 812-0210

Mailing Address For Contracts:

Company: Village of Schaumburg Phone: (847) 895-4500 Fax:
 Address: 101 Schaumburg Court City: Schaumburg Zip: 60193

Mailing Address For Electric Bills:

Company: Same as above address Phone: Fax:
 Address: City: Zip:

Project Contacts:

Consulting Engineer: Katrina Ballado E-mail: kballado@cbbel.com
 Firm Name: Christopher B. Burke Engineering Phone: (847) 823-0500 Fax: (847) 823-0520
 Address: 9575 W. Higgins Rd, Suite 900 City: Rosemont Zip: 60018

Electrical Contractor:

Consulting Engineer: E-mail:
 Firm Name: Phone: Fax:
 Address: City: Zip:

Other:

Consulting Engineer: E-mail:
 Firm Name: Phone: Fax:
 Address: City: Zip:

The Following Documents May Be Required:

1. Plat of Survey with legal description of property (for easement, if required)
2. Site Plan showing building relative to property lines – mark service entrance location(s)
3. Civil drawings (showing water, sewer, gas, phone, electric, pavement, grading, etc.)
4. Complete electrical drawings and/or load detail sheets

Information Provided By:

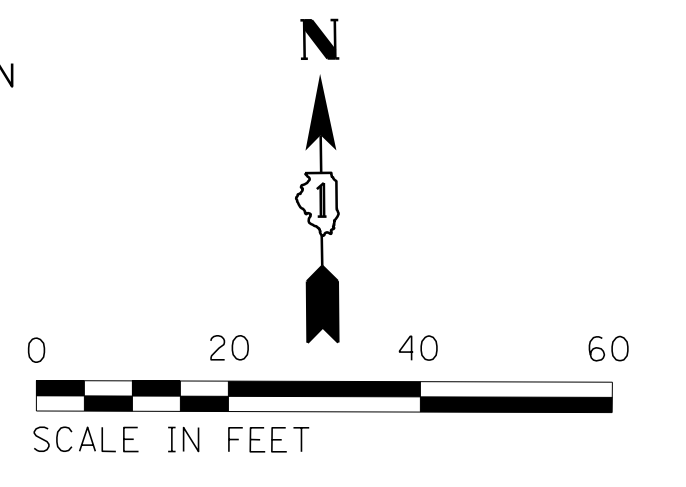
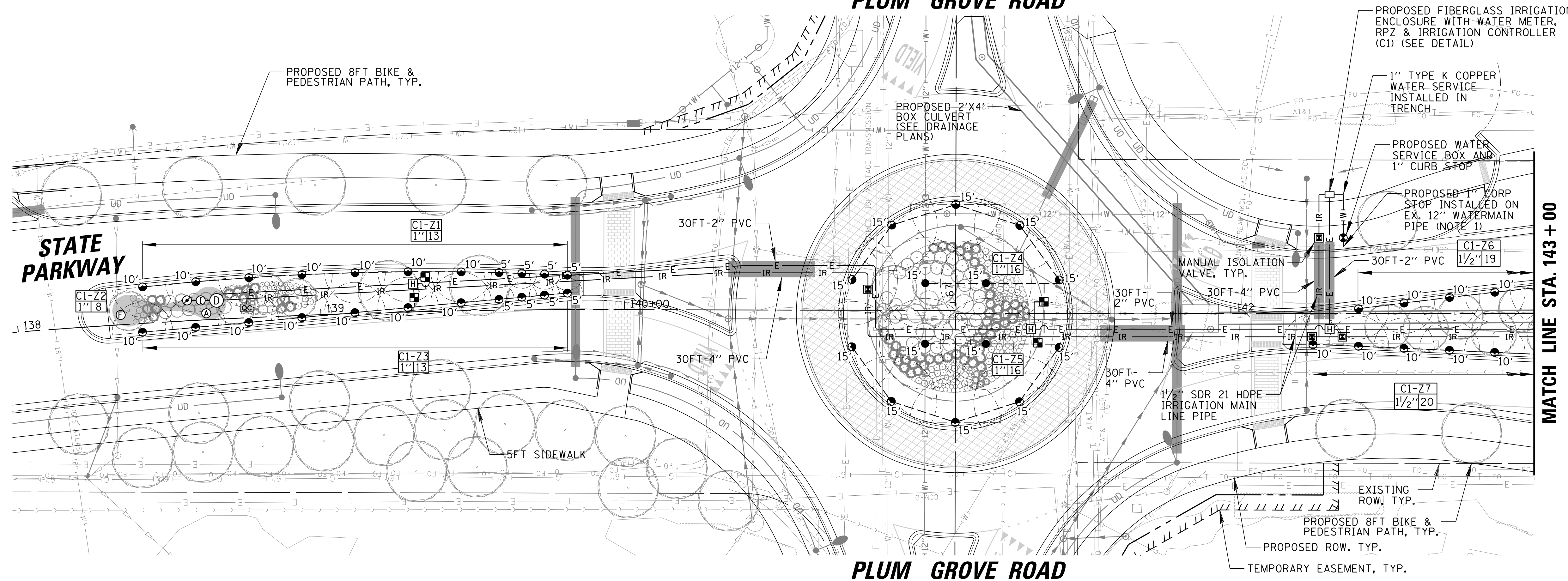
Print Name: Katrina Ballado
 Signature:
 Date: 11/21/16

COMED CONTACT: CAROL ANN KURUCAR
 (630) 691-4529
 CAROL.ANN.KURUCAR@COMED.COM

**LIGHTING CONTROLLER SERVICE APPLICATION
 (FOR INFORMATION PURPOSES ONLY)**

| | | | | | | | | | | |
|---|-----------------------|-----------------------|-----------|--|---|---------------------------|---------|--------|--------------|-----------|
| FILE NAME = | USER NAME = jmillr | DESIGNED KB DJK | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLUM GROVE ROAD LIGHTING DETAILS (SHEET 5 OF 5) | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| N:\SCHAUMBURG\150321\Mech\LD1_150321.06.sht | DRAWN KB/DRK | REVISED - | 2582 | | | 14-00115-01-PV | COOK | 274 | 202 | |
| Default | PLOT SCALE = 20' | CHECKED AJD | REVISED - | | | CONTRACT NO. 61E16 | | | | |
| | PLOT DATE = 6/12/2018 | DATE - 04/06/18 FINAL | REVISED - | | | ILLINOIS FED. AID PROJECT | | | | |
| | | | | SCALE: N.T.S. | SHEET 5 OF 5 SHEETS | STA. | TO STA. | | | |

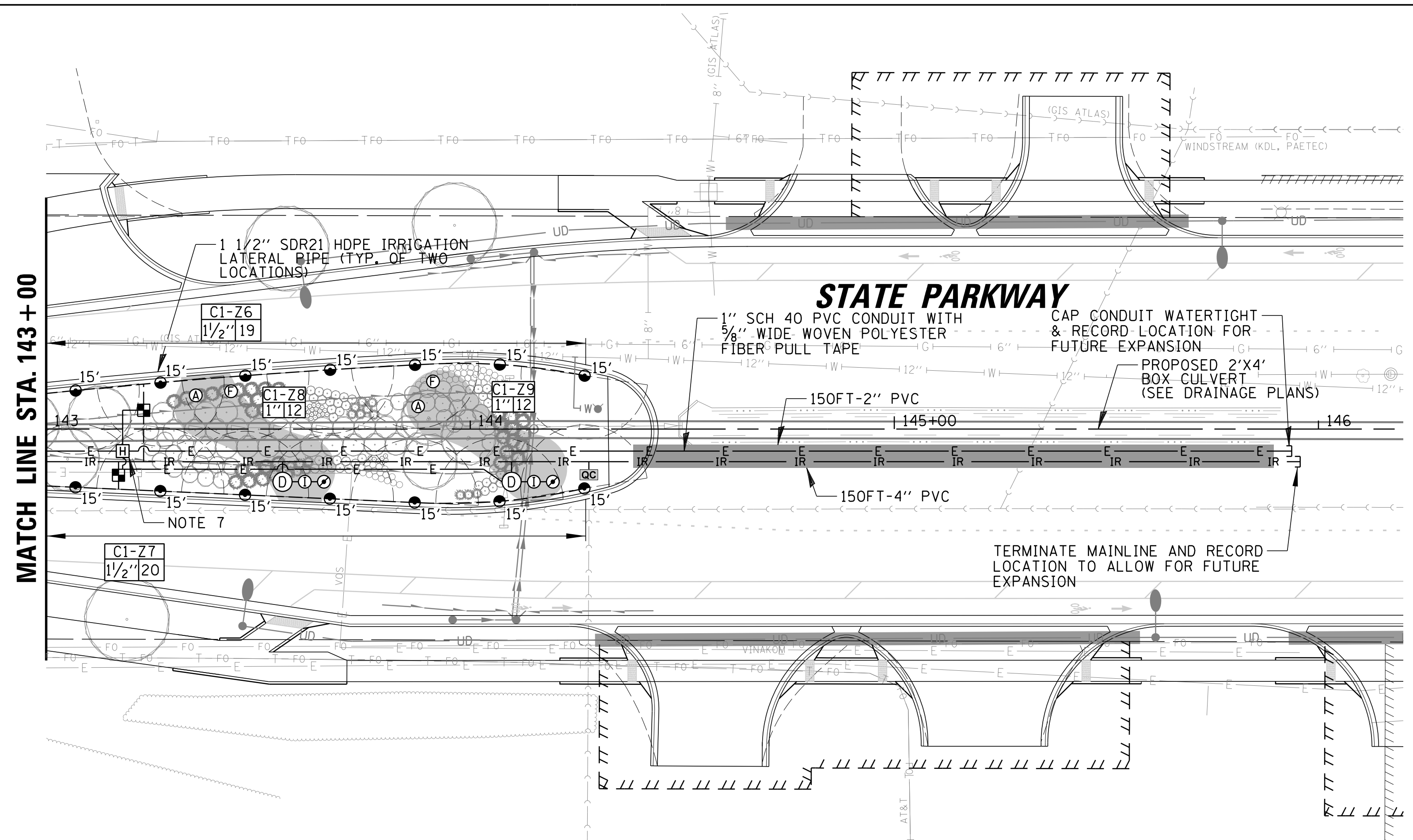
PLUM GROVE ROAD



MATCH LINE STA. 143 + 00

STATE PARKWAY

PLUM GROVE ROAD



MATCH LINE STA. 143 + 00

IRRIGATION LEGEND

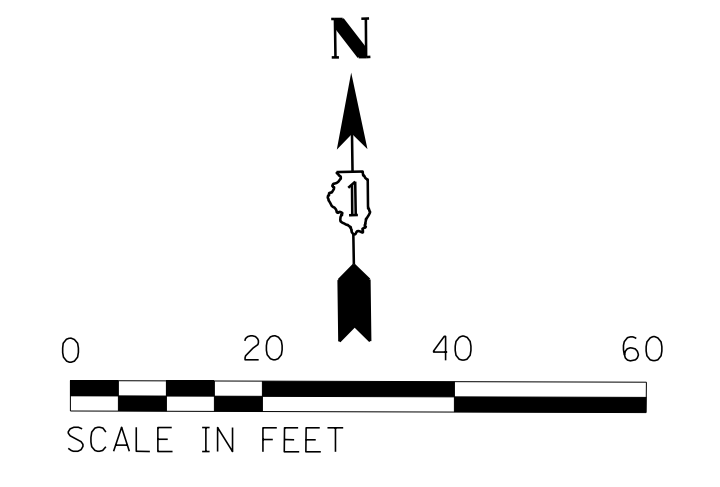
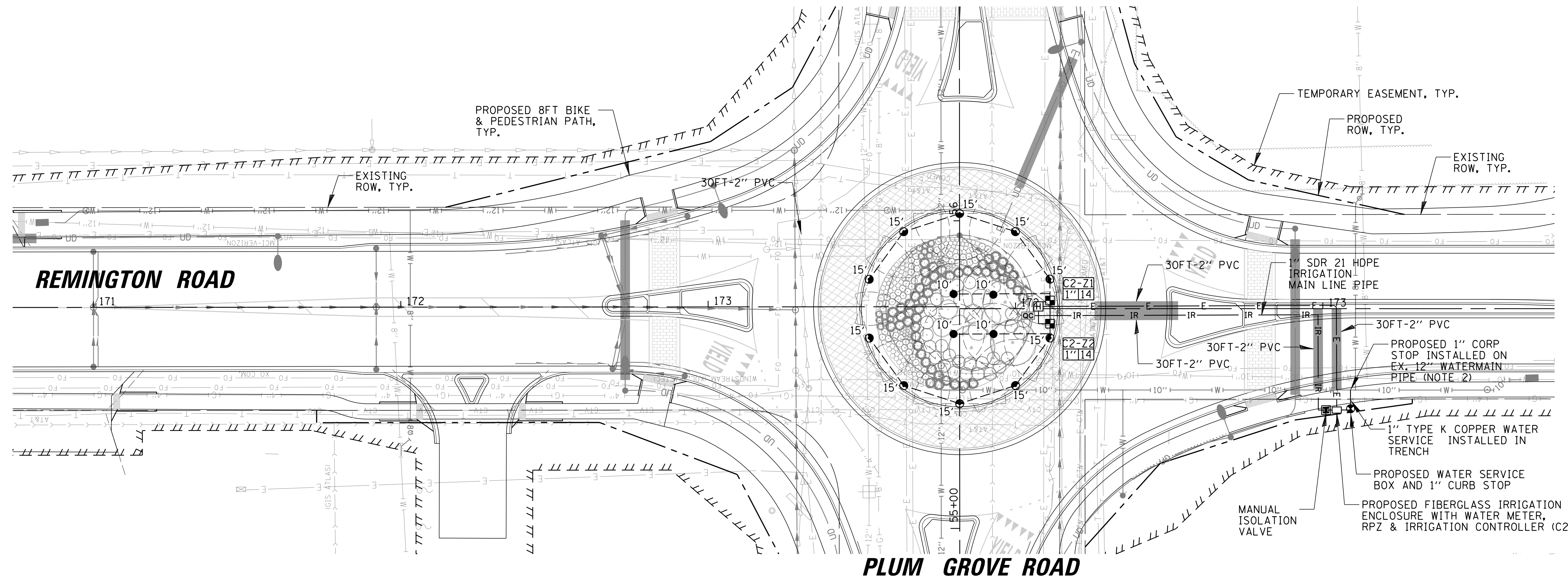
- W — COPPER WATER SERVICE LINE (SIZE AS SHOWN)
- IR — 1 1/2" SDR 21 HDPE IRRIGATION MAINLINE PIPE, UNLESS OTHERWISE SHOWN
- 1" SDR 21 HDPE IRRIGATION LATERAL PIPE, UNLESS OTHERWISE SHOWN
- E — 1" SCH 40 PVC CONDUIT WITH IRRIGATION CONTROL WIRING (SEE NOTE 7, OR AS OTHERWISE SHOWN ON THE PLANS)
- [H] 11"x18"x18"D COMPOSITE CONCRETE HANDHOLE WITH IRRIGATION LOGO
- [D] DRIP CONTROL ZONE KIT
- [I] POP-UP INDICATOR
- [T] TRANSITION POINT TO DRIPLINE TUBING WITH 0.9-1.0 GPH EMITTERS SPACED AT 12" OC
- [M] MANUAL ISOLATION VALVE
- [A] AUTOMATIC CONTROL VALVE
- [S] POP-UP SPRAY HEAD W/ 180° ARC
- [R] SPRAY HEAD RADIUS (IN FEET)
- [C] POP-UP SPRAY HEAD W/ 360° ARC
- [CC] QUICK COUPLER
- [F] FLUSH VALVE AUTOMATIC
- [A] AIR/VACUUM RELIEF VALVE
- [D] DOMESTIC WATER SERVICE BOX
- IR — SCH 40 PVC SLEEVE FOR IRRIGATION PIPE UNDER PAVEMENT
- [C1-Z1] CONTROLLER ID-IRRIGATION ZONE
- [V] VALVE FLOW
- [S] VALVE SIZE

NOTES:

1. EXISTING WATERMAIN PRESSURES ARE APPROXIMATELY BETWEEN 48-56 PSI. CONTRACTOR SHALL REVISE IRRIGATION ZONES ACCORDINGLY BASED ON IRRIGATION MANUFACTURER MINIMUM VALVE AND DRIP KIT INLET PRESSURE REQUIREMENTS.
2. ALL WORK SHALL BE IN COMPLIANCE WITH ALL LOCAL, STATE, AND FEDERAL CODES AND ORDINANCES.
3. ALL ELECTRICAL CONNECTIONS SHALL BE MADE USING WATERPROOF SPLICES.
4. PIPE ROUTING IS SCHEMATIC. FINAL IRRIGATION PIPE AND CONTROL CONDUIT PLACEMENT SHALL BE LOCATED TO MINIMIZE CONFLICTS WITH EXISTING AND PROPOSED UTILITIES (CONTRACTOR TO COORDINATE).
5. IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING AND MAINTAINING THE IRRIGATION SCHEDULE DURING THE PROJECT CONSTRUCTION AND UNTIL THE SYSTEM IS ACCEPTED BY THE VILLAGE. LANDSCAPE MATERIAL SHALL RECEIVE ADJUSTED AMOUNTS OF PRECIPITATION TO MAINTAIN PROPER PLANT HEALTH.
6. TERMINATE MAINLINE PIPE WITH QUICK COUPLER VALVE, INSIDE A COMPOSITE CONCRETE HANDHOLE AS SHOWN ON THE PLANS, AT THE WESTERN PROJECT LIMITS.
7. IRRIGATION CONTROL WIRING SHALL CONSIST OF #14 AWG TINNED COPPER MULTI CONDUCTOR CABLE WITH A COMMON GROUND. CABLE SHALL BE RATED FOR UNDERGROUND, DIRECT BURIAL APPLICATIONS, AND PROVIDED WITH A SUNLIGHT/UV RESISTANT PVC OUTER JACKET. CONTRACTOR SHALL SIZE CABLE TO PROVIDE EACH CONTROL VALVE WITH 2/C #14 AWG WIRES.
8. IRRIGATION CONTRACTOR SHALL INCLUDE LABOR AND EQUIPMENT FOR PROVIDING ONE WINTER AND ONE SPRING STARTUP IN PROJECT SCOPE.
9. IRRIGATION PIPE & SPRAY HEADS SHALL BE LOCATED A MINIMUM OF 6" BEHIND THE BACK OF CURB.
10. CONTRACTOR SHALL FURNISH AND INSTALL 1/C #12 SOLID XLP-TYPE USE TRACER WIRE. THE TRACER WIRE SHALL BE TAPED TO PROPOSED IRRIGATION PIPE APPROXIMATELY EVERY 8-10FT, AND TERMINATE AT TRACER ACCESS WELL, LOCATED ADJECNT TO IRRIGATION ENCLOSURE.

| | | | | | | | | | | | | | |
|---|-----------------------|-------------|-----------------------|-----------|---|---|---------|-------------|------------------|------------------------|--------------------|------------------|---------------|
| FILE NAME = N:\SCHAUMBURG\150321\Mech\IRR_150321_01.dwg | USER NAME = jmliler | DESIGNED KB | DJK | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | STATE PARKWAY PROPOSED IRRIGATION PLAN | | | F.A.U. RTE. 2582 | SECTION 14-00115-01-PV | COUNTY COOK | TOTAL SHEETS 274 | SHEET NO. 203 |
| Default | PLOT SCALE = 20' | CHECKED AJD | DATE - 04/06/18 FINAL | REVISED - | | SCALE: 20' | SHEET 1 | OF 2 SHEETS | STA. 138+00 | TO STA. 146+00 | CONTRACT NO. 61E16 | | |
| | PLOT DATE = 6/12/2018 | | | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | |
| | | | | | | | | | | | | | |

PLUM GROVE ROAD

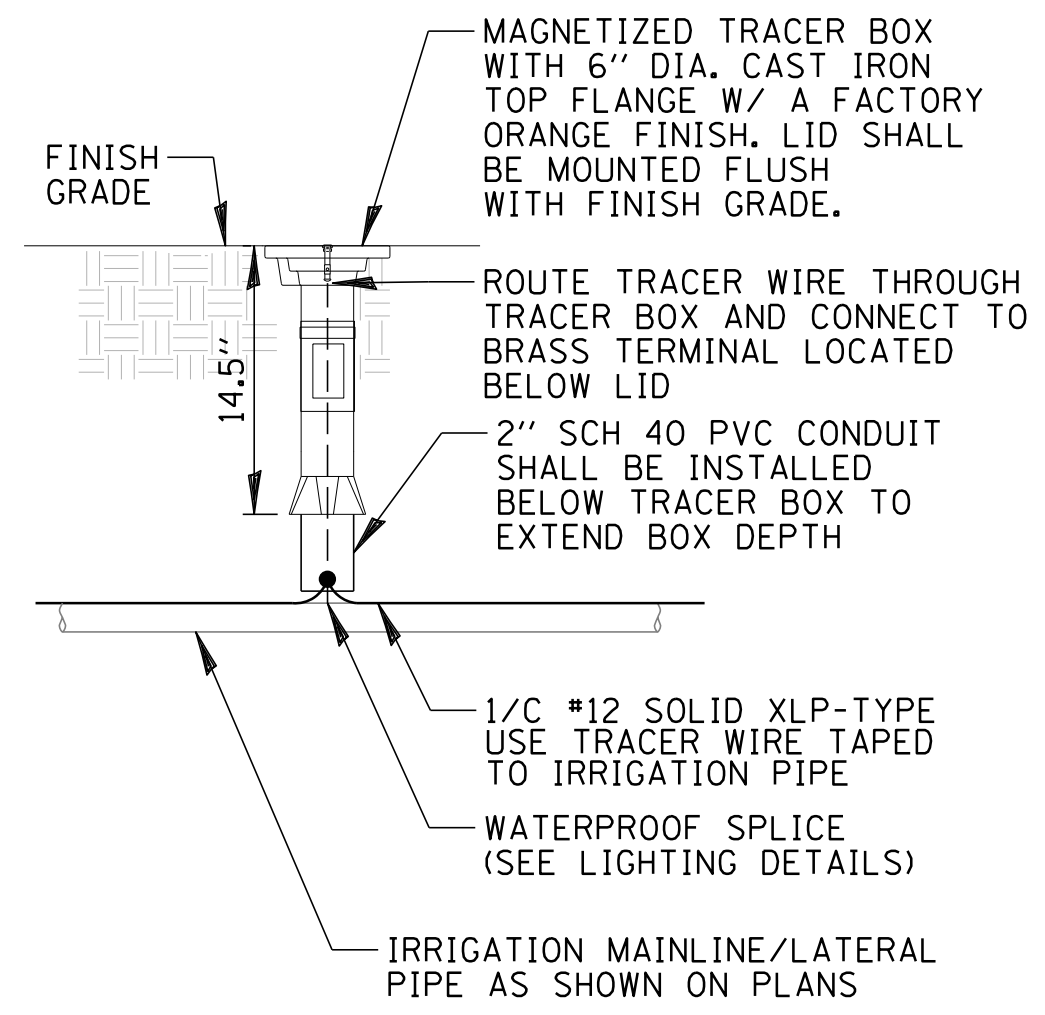


IRRIGATION LEGEND

- W — COPPER WATER SERVICE LINE (SIZE AS SHOWN)
- IR — 1 1/2" SDR 21 HDPE IRRIGATION MAINLINE PIPE, UNLESS OTHERWISE SHOWN
- 1" SDR 21 HDPE IRRIGATION LATERAL PIPE, UNLESS OTHERWISE SHOWN
- E — 1" SCH 40 PVC CONDUIT WITH IRRIGATION CONTROL WIRING (SEE NOTE 7, OR AS OTHERWISE SHOWN ON THE PLANS)
- [H] 11"x18"x18"D COMPOSITE CONCRETE HANDHOLE WITH IRRIGATION LOGO
- (D) DRIP CONTROL ZONE KIT
- (I) POP-UP INDICATOR
- (C) TRANSITION POINT TO DRILINE TUBING WITH 0.9-1.0 GPH EMITTERS SPACED AT 12" OC
- [M] MANUAL ISOLATION VALVE
- [A] AUTOMATIC CONTROL VALVE
- (S) POP-UP SPRAY HEAD W/ 180° ARC
- (R) POP-UP SPRAY HEAD W/ 360° ARC
- [QC] QUICK COUPLER
- (F) FLUSH VALVE AUTOMATIC
- (A) AIR/VACUUM RELIEF VALVE
- (D) DOMESTIC WATER SERVICE BOX
- [IR] SCH 40 PVC SLEEVE FOR IRRIGATION PIPE UNDER PAVEMENT
- [C1-Z1] CONTROLLER ID-IRRIGATION ZONE
- [V] VALVE FLOW
- [V] VALVE SIZE

NOTES:

1. EXISTING WATERMAIN PRESSURES ARE APPROXIMATELY BETWEEN 48-56 PSI. CONTRACTOR SHALL REVISE IRRIGATION ZONES ACCORDINGLY BASED ON IRRIGATION MANUFACTURER MINIMUM VALVE AND DRIP KIT INLET PRESSURE REQUIREMENTS.
2. ALL WORK SHALL BE IN COMPLIANCE WITH ALL LOCAL, STATE, AND FEDERAL CODES AND ORDINANCES.
3. ALL ELECTRICAL CONNECTIONS SHALL BE MADE USING WATERPROOF SPLICES.
4. PIPE ROUTING IS SCHEMATIC. FINAL IRRIGATION PIPE AND CONTROL CONDUIT PLACEMENT SHALL BE LOCATED TO MINIMIZE CONFLICTS WITH EXISTING AND PROPOSED UTILITIES (CONTRACTOR TO COORDINATE).
5. IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING AND MAINTAINING THE IRRIGATION SCHEDULE DURING THE PROJECT CONSTRUCTION AND UNTIL THE SYSTEM IS ACCEPTED BY THE VILLAGE. LANDSCAPE MATERIAL SHALL RECEIVE ADJUSTED AMOUNTS OF PRECIPITATION TO MAINTAIN PROPER PLANT HEALTH.
6. TERMINATE MAINLINE PIPE WITH QUICK COUPLER VALVE, INSIDE A COMPOSITE CONCRETE HANDHOLE AS SHOWN ON THE PLANS, AT THE WESTERN PROJECT LIMITS.
7. IRRIGATION CONTROL WIRING SHALL CONSIST OF #14 AWG TINNED COPPER MULTI CONDUCTOR CABLE WITH A COMMON GROUND. CABLE SHALL BE RATED FOR UNDERGROUND, DIRECT BURIAL APPLICATIONS, AND PROVIDED WITH A SUNLIGHT/UV RESISTANT PVC OUTER JACKET. CONTRACTOR SHALL SIZE CABLE TO PROVIDE EACH CONTROL VALVE WITH 2/C #14 AWG WIRES.
8. IRRIGATION CONTRACTOR SHALL INCLUDE LABOR AND EQUIPMENT FOR PROVIDING ONE WINTER AND ONE SPRING STARTUP IN PROJECT SCOPE.
9. IRRIGATION PIPE & SPRAY HEADS SHALL BE LOCATED A MINIMUM OF 6" BEHIND THE BACK OF CURB.
10. CONTRACTOR SHALL FURNISH AND INSTALL 1/C #12 SOLID XLP-TYPE USE TRACER WIRE. THE TRACER WIRE SHALL BE TAPED TO PROPOSED IRRIGATION PIPE APPROXIMATELY EVERY 8-10FT, AND TERMINATE AT TRACER ACCESS WELL, LOCATED ADJECNT TO IRRIGATION ENCLOSURE.



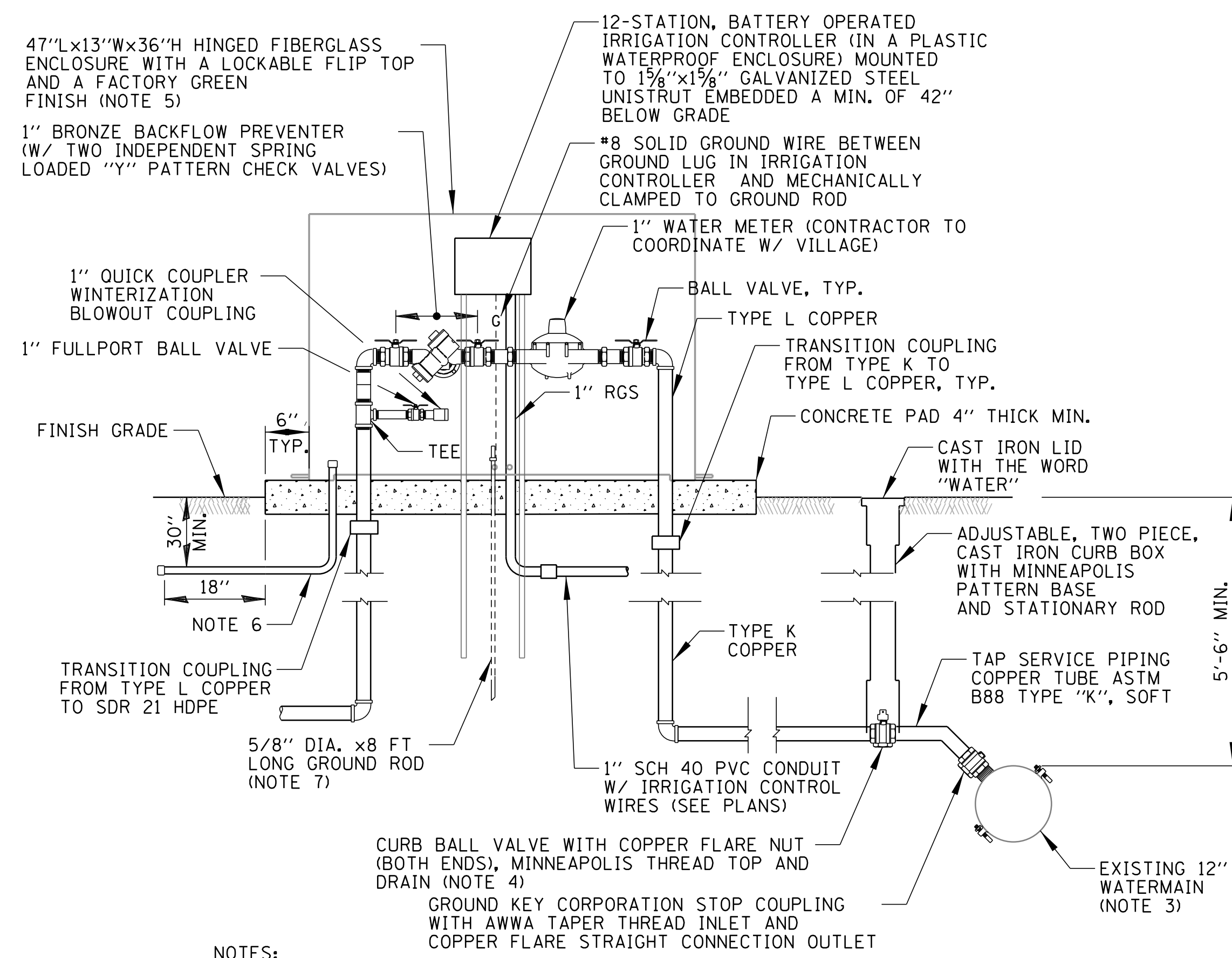
NOTES:

1. CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF ACCESS WELLS WITH VILLAGE. ACCESS WELL SHALL BE LOCATED ADJACENT TO IRRIGATION FIBERGLASS ENCLOSURE.

TRACER WIRE ACCESS WELL DETAIL

N.T.S.

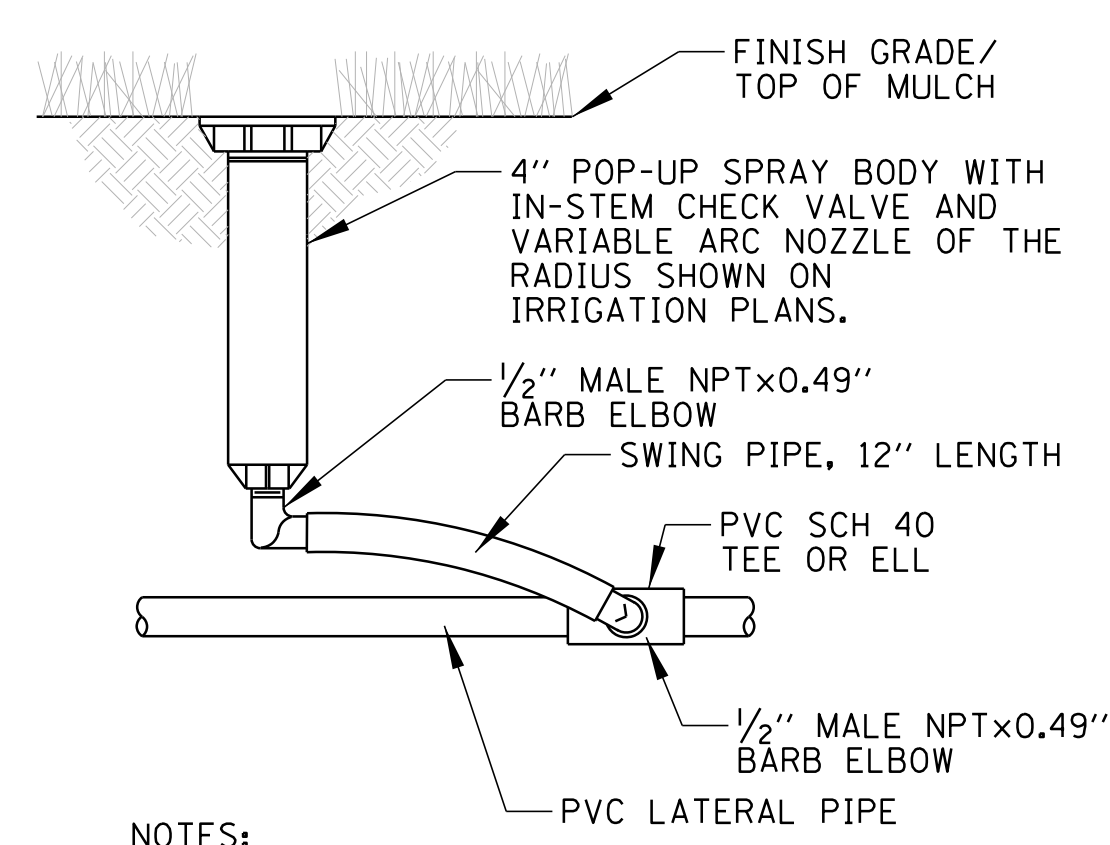
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| | | DRAWN KB/DRK | | REVISED - | | | 2582 | 14-00115-01-PV | COOK | 274 | 204 | |
| | | CHECKED AJD | | REVISED - | | | CONTRACT NO. 61E16 | | | | | |
| | | DATE - 04/06/18 FINAL | | REVISED - | | | ILLINOIS FED. AID PROJECT | | | | | |
| Default | PLOT DATE = 6/12/2018 | | | | SCALE: 20' | SHEET 2 OF 2 SHEETS | STA.138+00 | TO STA.146+00 | | | | |



NOTES:

1. EXACT LOCATION OF WATER SERVICES TO BE COORDINATED WITH ENGINEER.
2. WATER SERVICE FITTINGS TO CONFORM TO MUNICIPAL ORDINANCE AND STANDARDS.
3. FOR D.I. WATERMANS, PROVIDE A DIRECT SERVICE CONNECTION. FOR TAPPING PVC AND HDPE WATERMANS, PROVIDE A SERVICE SADDLE WITH DOUBLE STAINLESS STEEL STRAPS.
4. CURB STOP/CURB VALVE SHALL BE PROVIDED WITH DRAIN TO DRAIN WATER SERVICE LINE DURING WINTER MONTHS.
5. ENCLOSURE DIMENSIONS SHOWN ARE APPROXIMATE. ENCLOSURE SHALL BE AS COMPACT AS POSSIBLE. CONTRACTOR TO COORDINATE.
6. CONTRACTOR SHALL FURNISH AND INSTALL AN EMPTY 1" SCH 40 PVC CONDUIT AND 90° ELBOW WITH 36" RADIUS. CONDUIT SHALL EXTEND 3" ABOVE CONCRETE PAD SURFACE AND SHALL BE CAPPED AT BOTH ENDS.
7. IRRIGATION CONTROLLERS SHALL BE GROUNDED IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS, MEETING MAXIMUM GROUND RESISTANCE REQUIREMENTS.

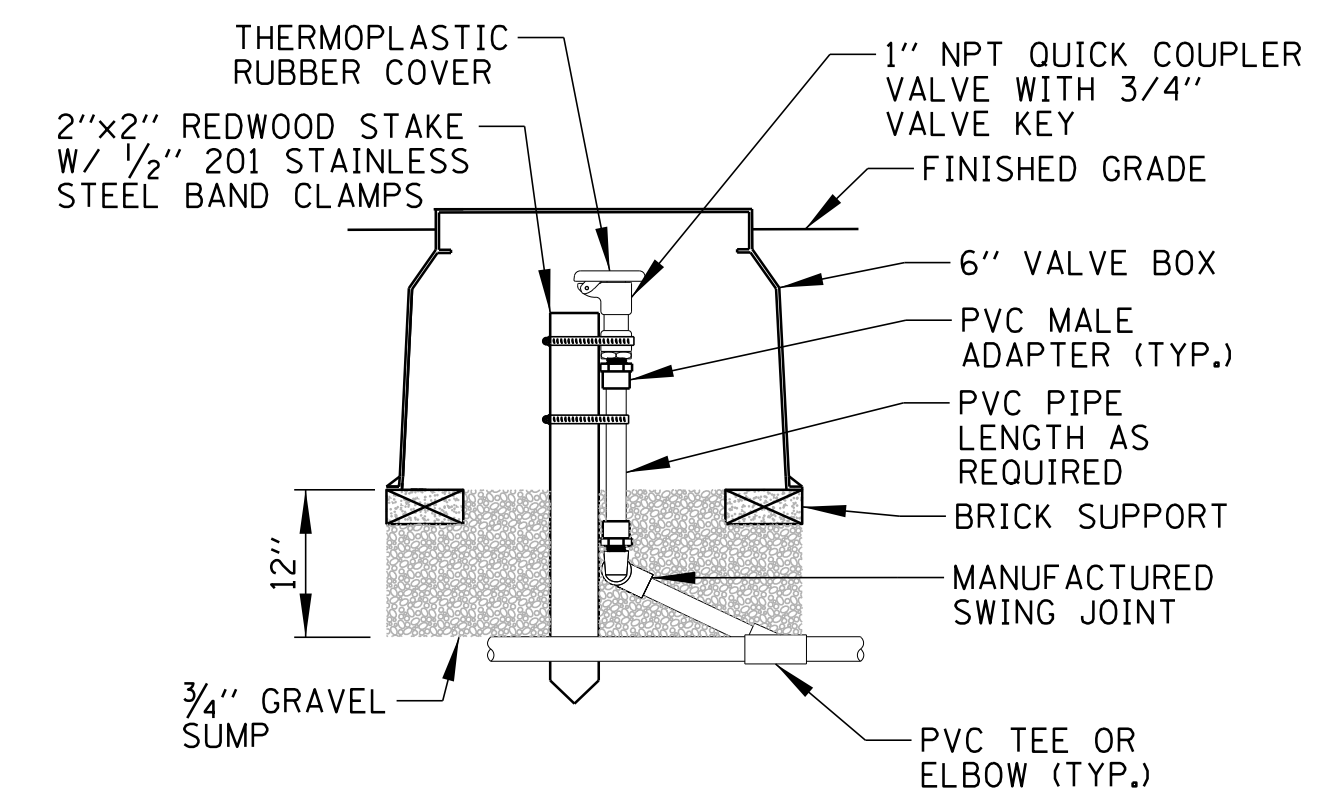
IRRIGATION SERVICE DETAIL
N.T.S.



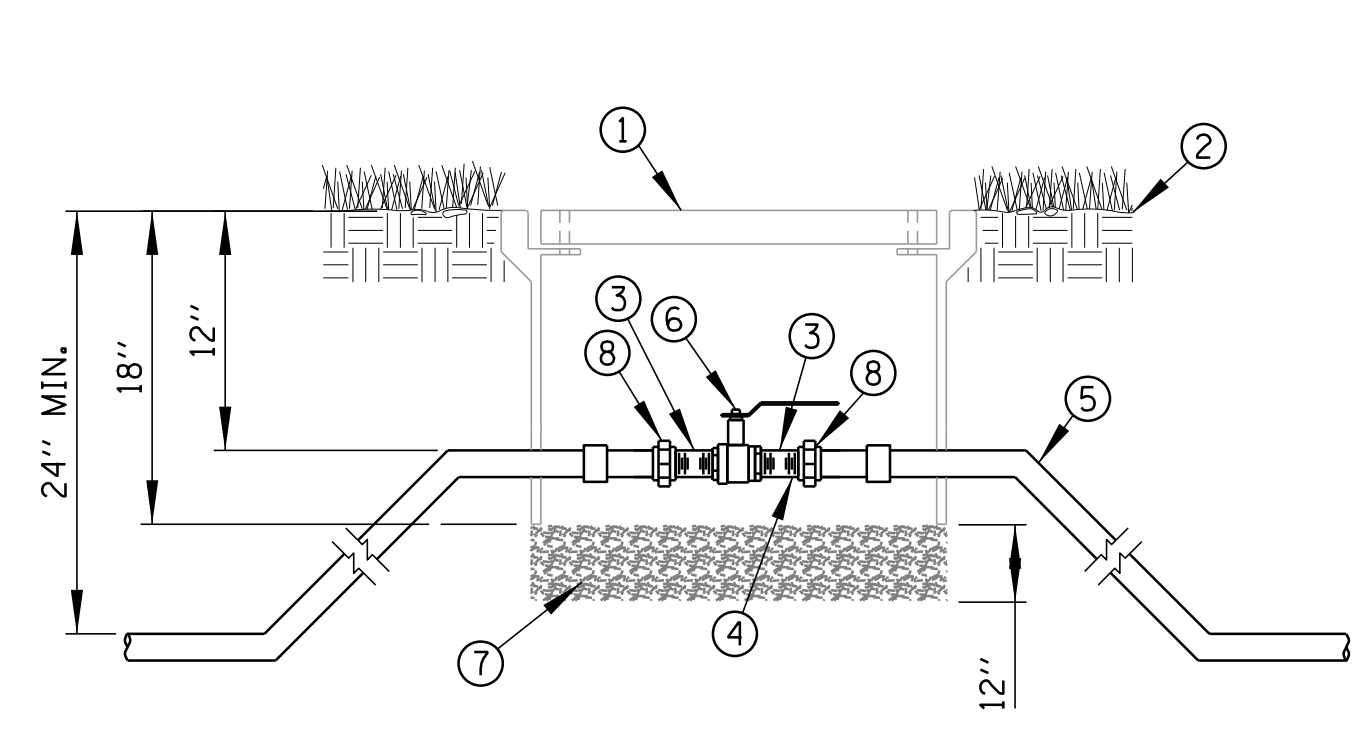
NOTES:

1. INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

POP-UP SPRAY HEAD
N.T.S.

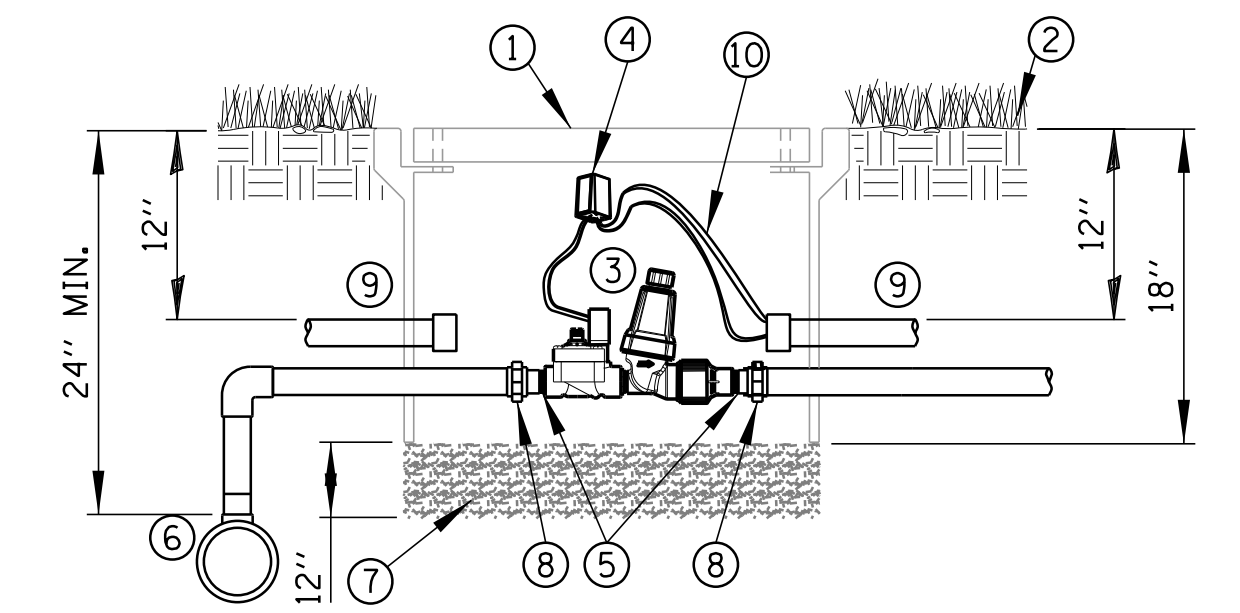


QUICK COUPLING VALVE DETAIL
N.T.S.



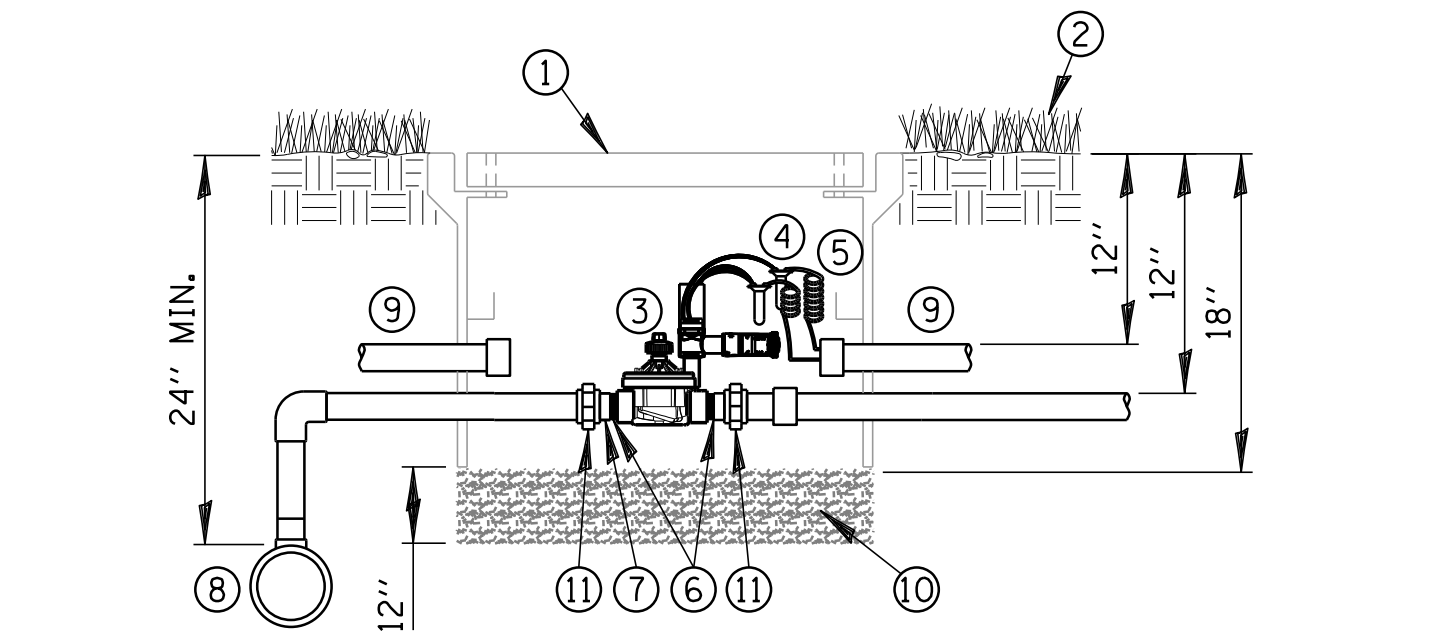
- 1 11"x18"x18"D COMPOSITE CONCRETE HANDHOLE WITH TIER 8 RATING AND A BOLTED GASKETED LID AND "IRRIGATION" LOGO.
- 2 FINISH GRADE
- 3 SCH 80 T.O.E. NIPPLE
- 4 SCH 80 NIPPLE
- 5 MAIN LINE PIPE & FITTINGS
- 6 FULL PORT BALL VALVE FOR 3" AND SMALLER, RESILIENT WEDGE GATE VALVE FOR 4" AND LARGER
- 7 3/4" MINUS WASHED GRAVEL
- 8 PVC SLIP UNIONS

MANUAL ISOLATION VALVE DETAIL
N.T.S.



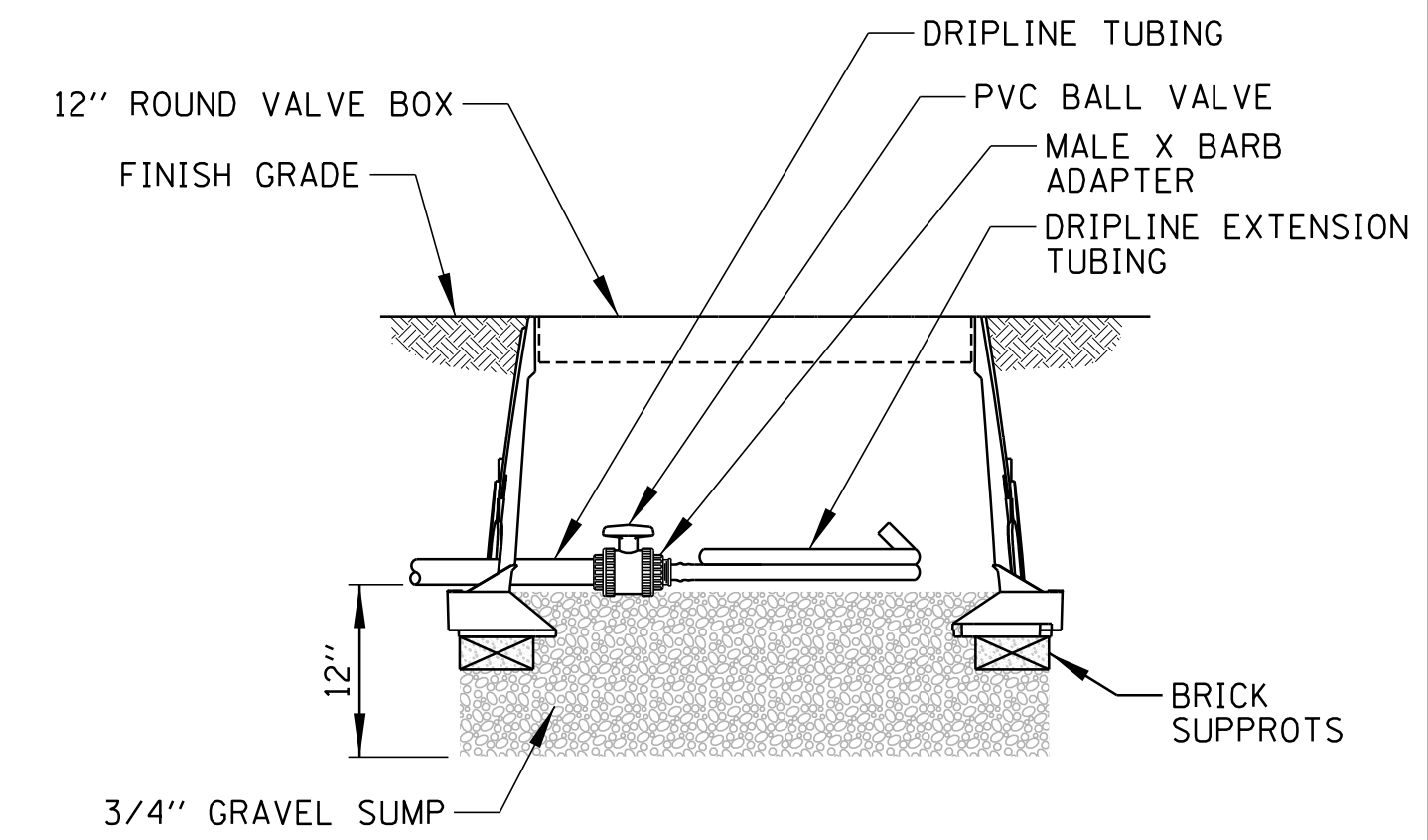
- 1 11"x18"x18"D COMPOSITE CONCRETE HANDHOLE WITH A TIER 8 RATING AND A BOLTED/GASKETED LID WITH AN "IRRIGATION" LOGO.
- 2 FINISH GRADE
- 3 DRIP ZONE KIT WITH COMMERCIAL TYPE, DC LATCHING SOLENOID, GLOBE CONTROL VALVE, FILTER, SS SCREEN AND PRESSURE REGULATOR
- 4 WATERPROOF SPLICE KIT
- 5 SCH 80 T.O.E. NIPPLE
- 6 MAIN LINE PIPE & FITTINGS
- 7 3/4" MINUS WASHED GRAVEL
- 8 PVC SLIP UNIONS
- 9 1" CONDUIT FOR CONTROL WIRES
- 10 30" LENGTH OF IRRIGATION CONTROL WIRE COILED IN HANDHOLE

DRIP ZONE CONTROL VALVE
N.T.S.

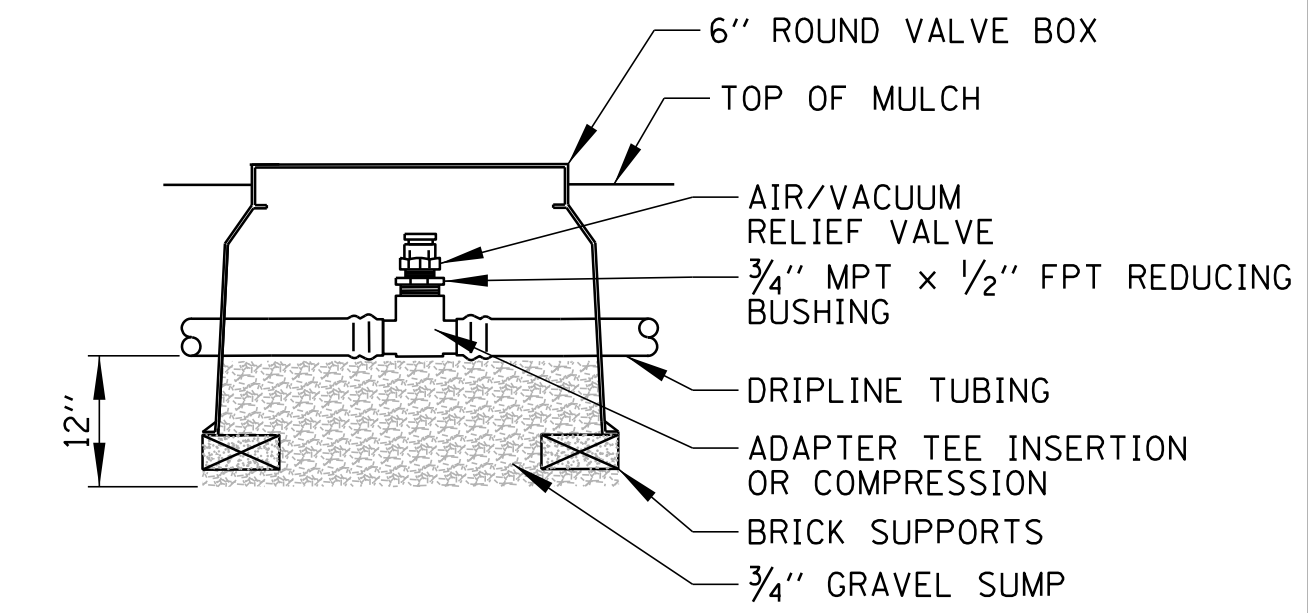


- 1 11"x18"x18"D COMPOSITE CONCRETE HANDHOLE WITH TIER 8 RATING, BOLTED/GASKETED LID AND "IRRIGATION" LOGO.
- 2 FINISH GRADE
- 3 REMOTE CONTROL VALVE, GLOBE TYPE, WITH DC LATCHING SOLENOID, PRESSURE REGULATOR AND FILTER
- 4 WATERPROOF SPLICE KIT
- 5 30" LENGTH OF IRRIGATION CONTROL WIRE COILED IN HANDHOLE
- 6 SCH 80 T.O.E. NIPPLE
- 7 SCH 80 NIPPLE
- 8 MAIN LINE PIPE & FITTINGS
- 9 1" CONDUIT FOR CONTROL WIRES
- 10 3/4" MINUS WASHED GRAVEL
- 11 PVC SLIP UNIONS

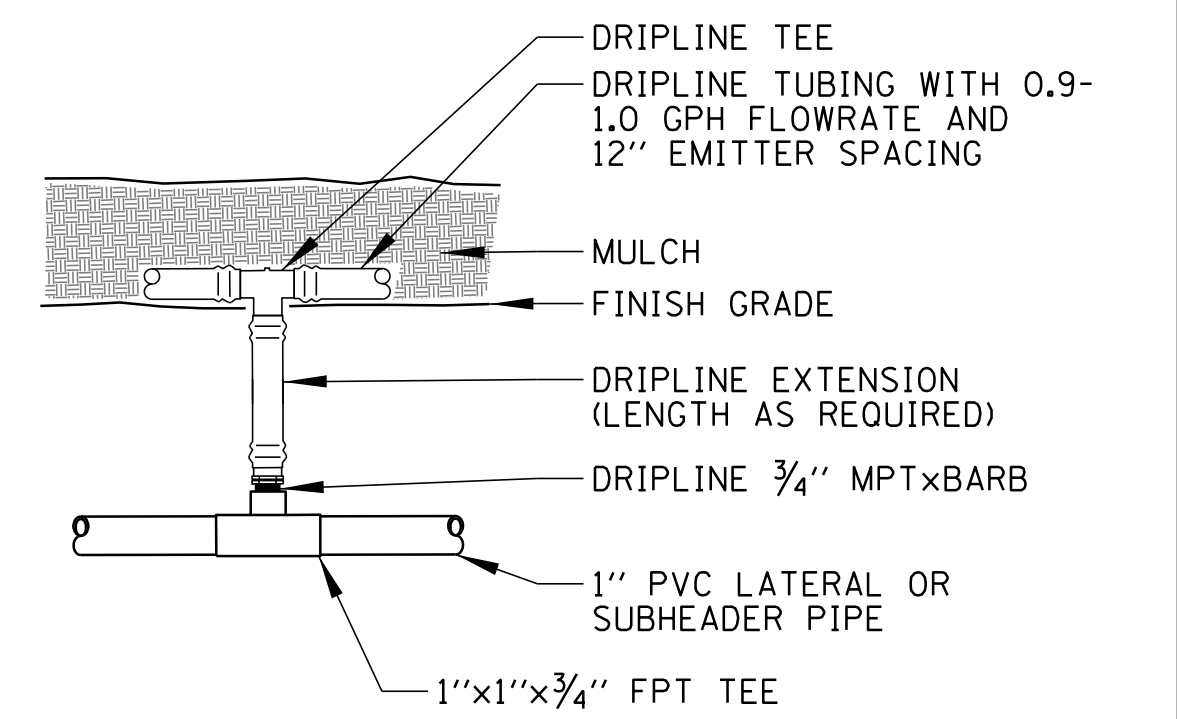
AUTOMATIC CONTROL VALVE DETAIL
N.T.S.



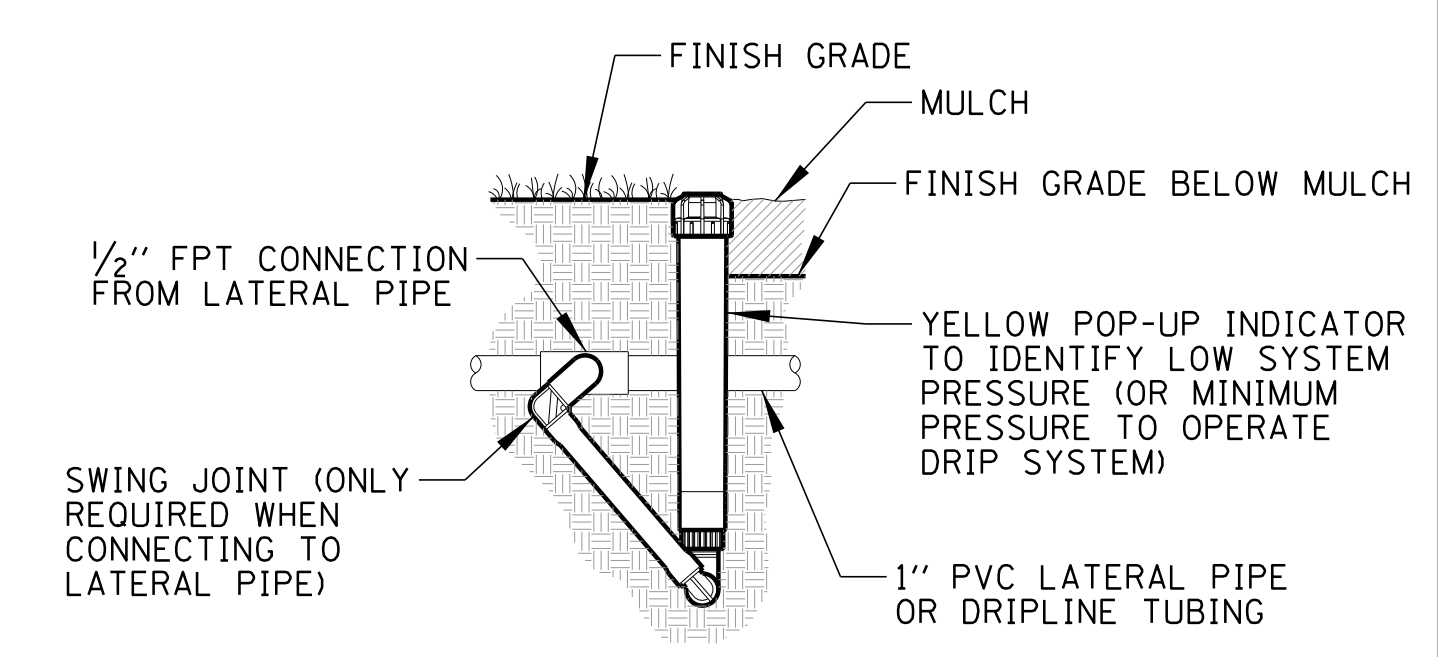
FLUSH VALVE
N.T.S.



AIR /VACUUM RELIEF VALVE
N.T.S.



DRIPLINE CONNECTION ABOVE GRADE
N.T.S.



OPERATION INDICATOR
N.T.S.

| | | | | |
|---|-----------------------|----------------------------|-----|-----------|
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| N:\SCHAUMBURG\150321\Mech\101.150321.01.plt | | DRAWN KB/DRK | | REVISED - |
| Default | PLOT SCALE = 20' | CHECKED AJD | | REVISED - |
| | PLOT DATE = 6/12/2018 | DATE 12/16/16 /06/18 FINAL | | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

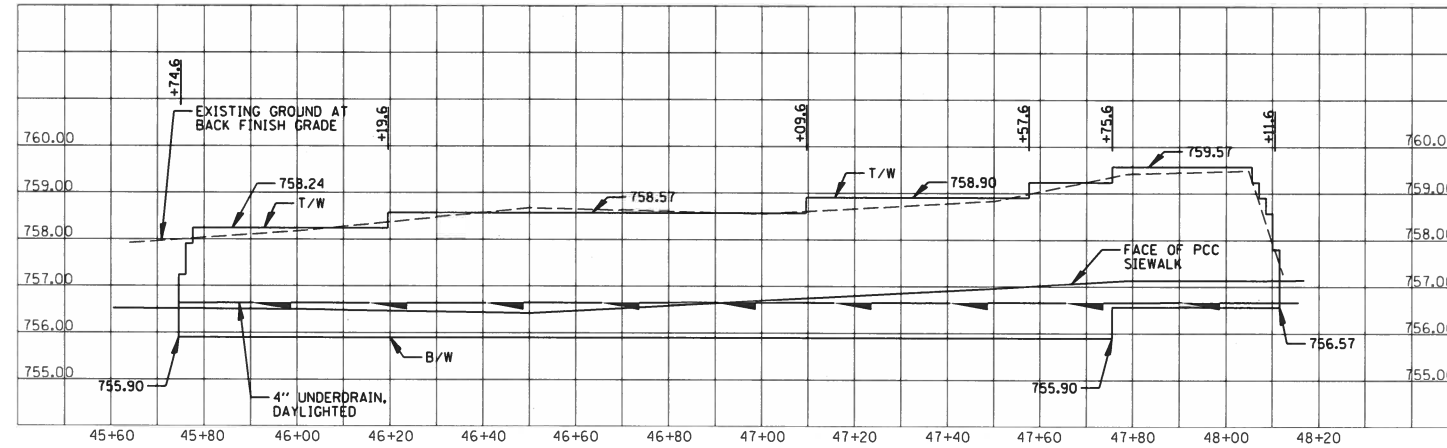
PLUM GROVE ROAD
IRRIGATION DETAILS

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

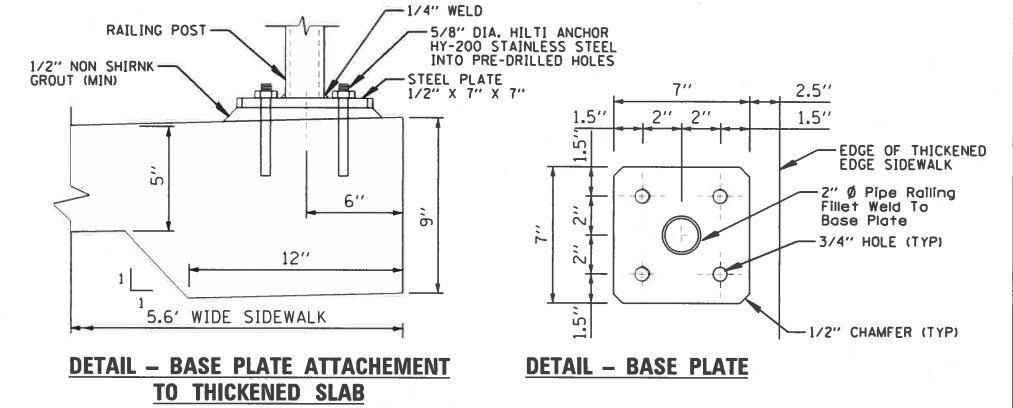
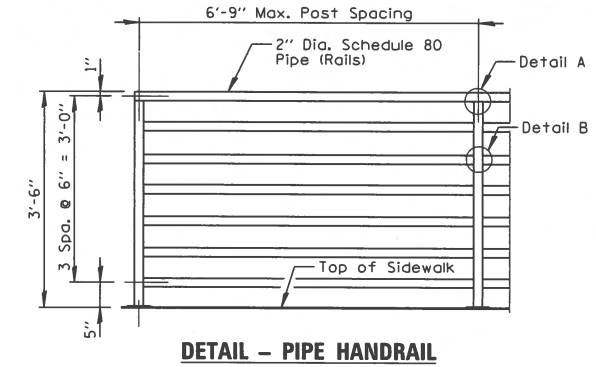
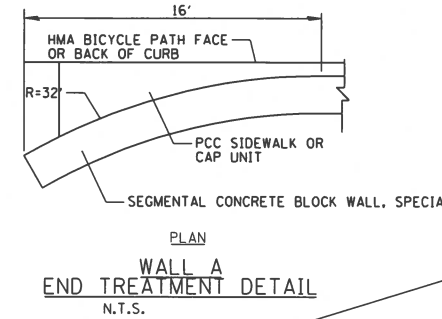
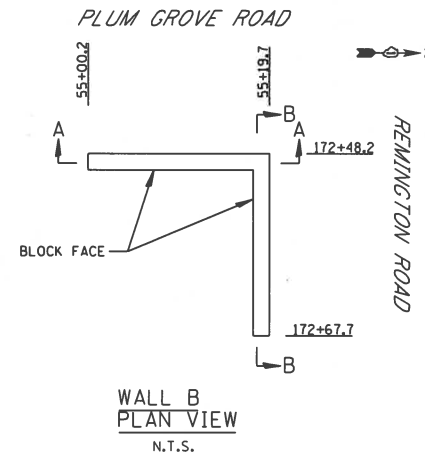
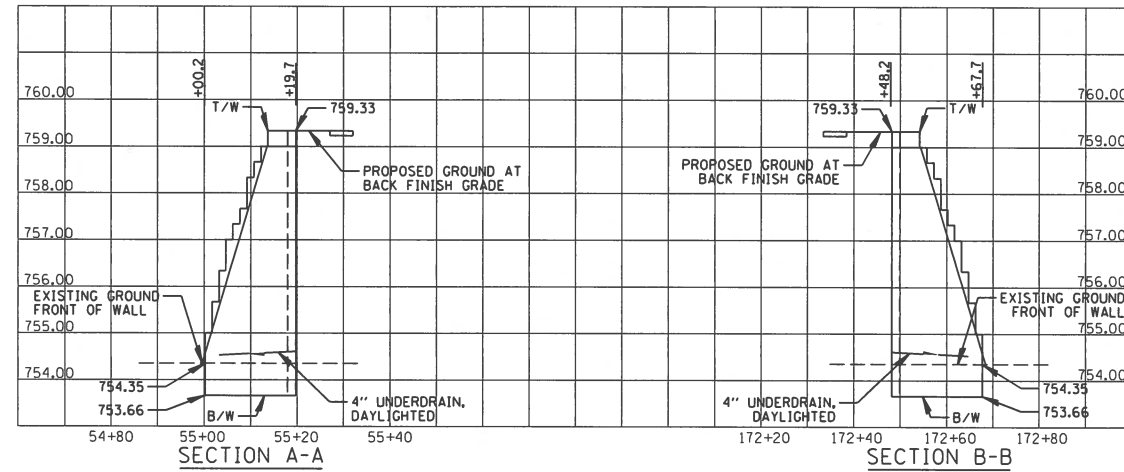
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|---------------------------|----------------|--------|--------------|--------------------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 205 |
| | | | | CONTRACT NO. 61E16 |
| ILLINOIS FED. AID PROJECT | | | | |

SEGMENTAL CONCRETE BLOCK WALL, SPECIAL

WALL A - 650 SF
(STA 45+74.6 TO STA 48+11.6 LT)

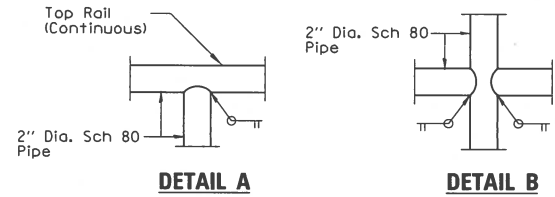


WALL B - 166 SF
(STA 55+00.2 TO STA 55+19.7 LT)

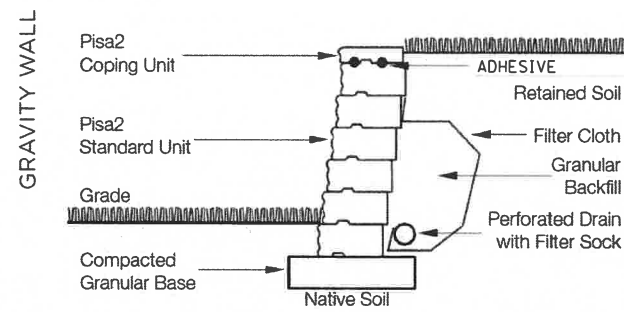
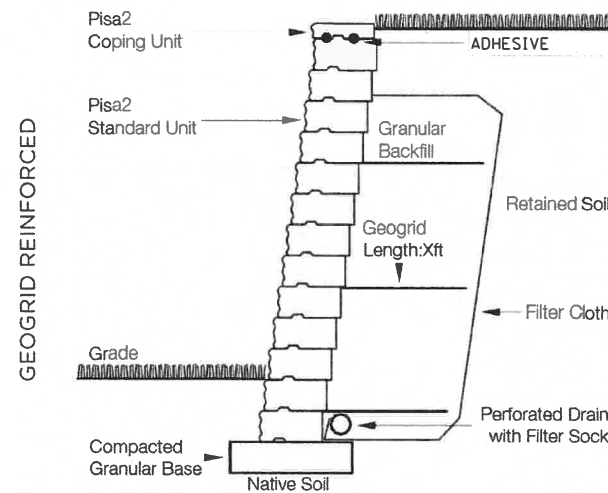


DESIGN NOTES:

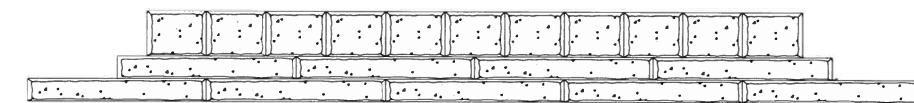
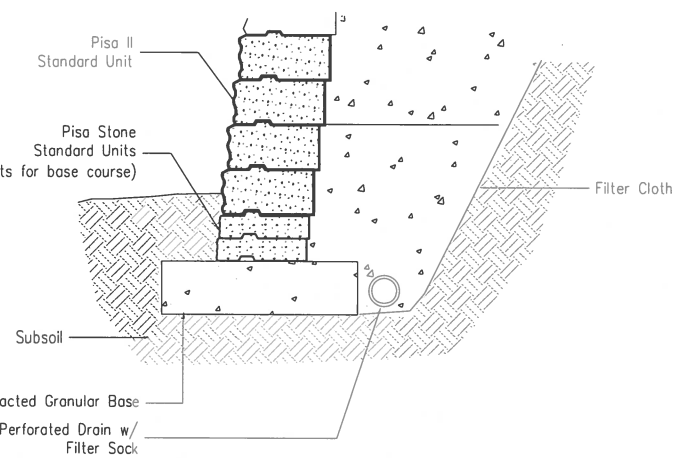
- Railings Shall Be According To Section 509 Of The IDOT Standard Specifications.
- All Railings, Posts, Splices, Anchorage Devices And Plates Shall Be Galvanized According To AASHTO M 111.
- The Contractor Shall Be Responsible For Fabrication And Layout Of The Railings.
- The Contractor Shall Submit Shop Drawings For The Proposed Railing To The Resident Engineer For Review Prior To Ordering Any Materials.



PEDESTRIAN RAIL (SPECIAL)
N.T.S.

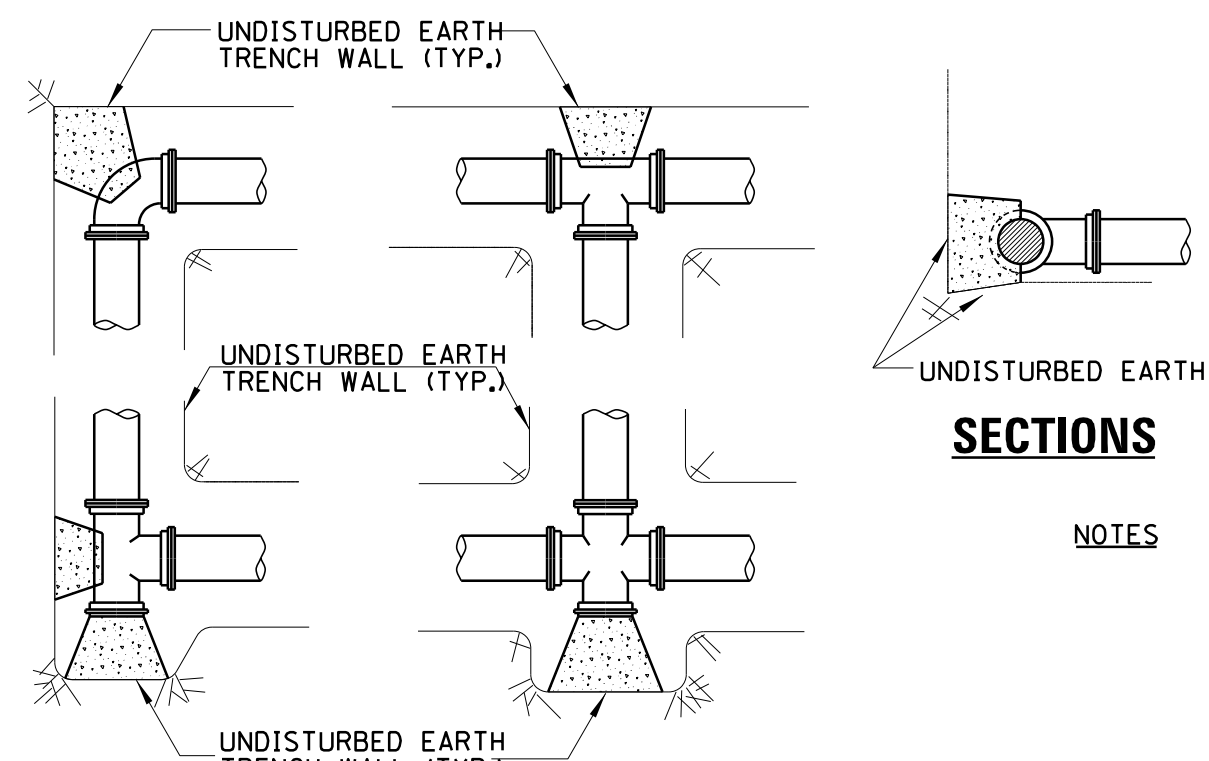


- Notes:
- Due to the width (face width) of the Pisa Stone standard unit (600mm compared to 200 mm for Pisa II), it is easier to level on the compacted granular base. As a result (2 units for base course) Pisa Stone is commonly used as the base course in Pisa II installations.
 - The method described above is ideal for straight walls. For curved applications it is necessary to use the Pisa Stone coping unit as the base course. The absence of the tongue allows the tapered blocks to curve as required.

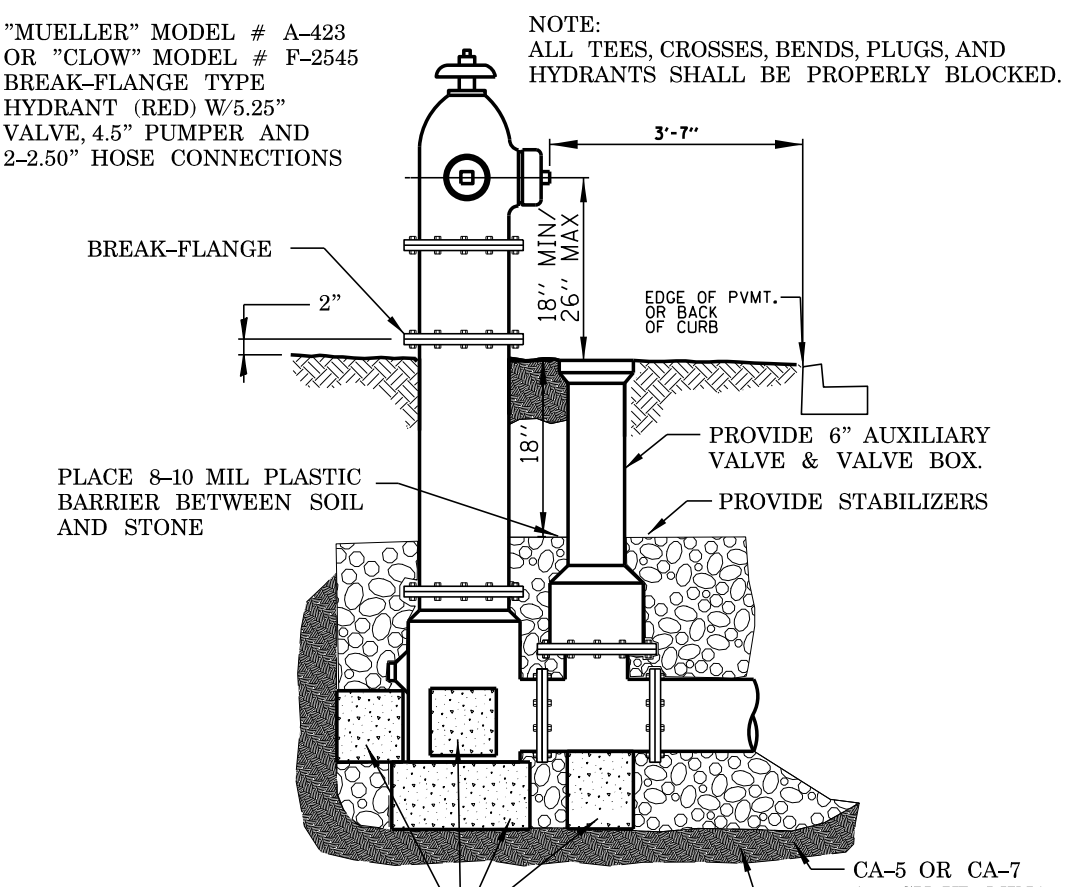


ELEVATION VIEW - RUNNING BOND PATTERN MAINTAINED

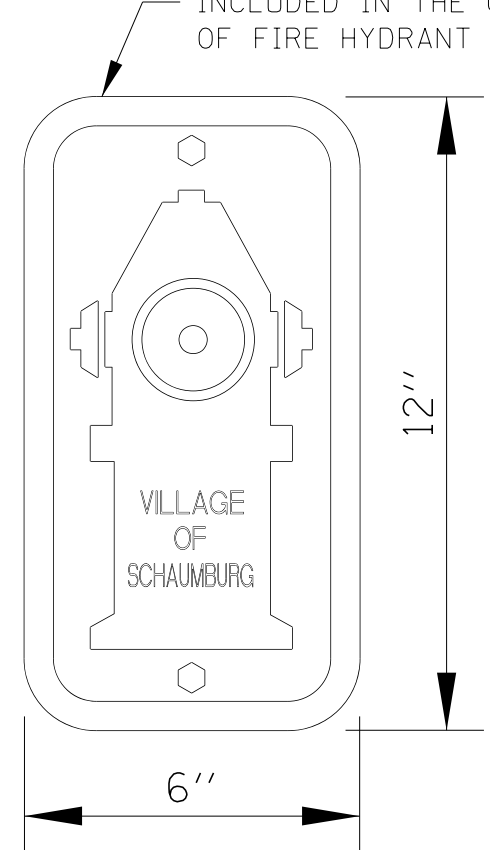
| | | | | | | | | | | | | |
|--|-----------------------|-----------------------|-----------|---|---|---------------------|------------------|------------------------|-------------|------------------|---------------|--|
| FILE NAME = N:\SCHAUMBURG\150321\Civil\DET_150321.15.DWG | USER NAME = jmillar | DESIGNED - BLL / DJK | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLUM GROVE ROAD SEGMENTAL CONCRETE BLOCK WALL, SPECIAL DETAILS | | F.A.U. RTE. 2582 | SECTION 14-00115-01-PV | COUNTY COOK | TOTAL SHEETS 274 | SHEET NO. 206 | |
| Default | PLOT SCALE = 20' | CHECKED - JGS | REVISED - | | SCALE: 20' | SHEET 1 OF 3 SHEETS | STA. TO STA. | CONTRACT NO. 61E16 | | | | |
| | PLOT DATE = 6/12/2018 | DATE - 04/06/18 FINAL | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | |
| | | | | | | | | | | | | |



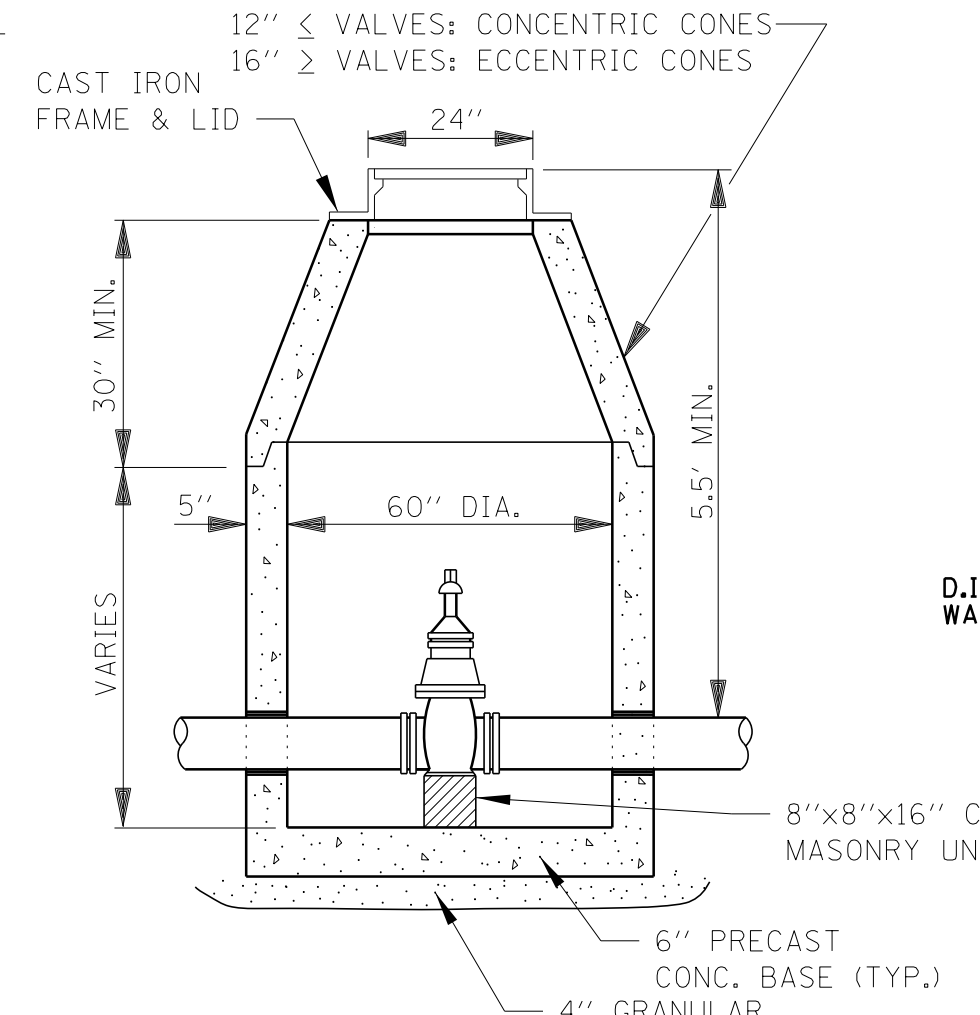
TYPICAL THRUST BLOCK INSTALLATIONS
N.T.S.



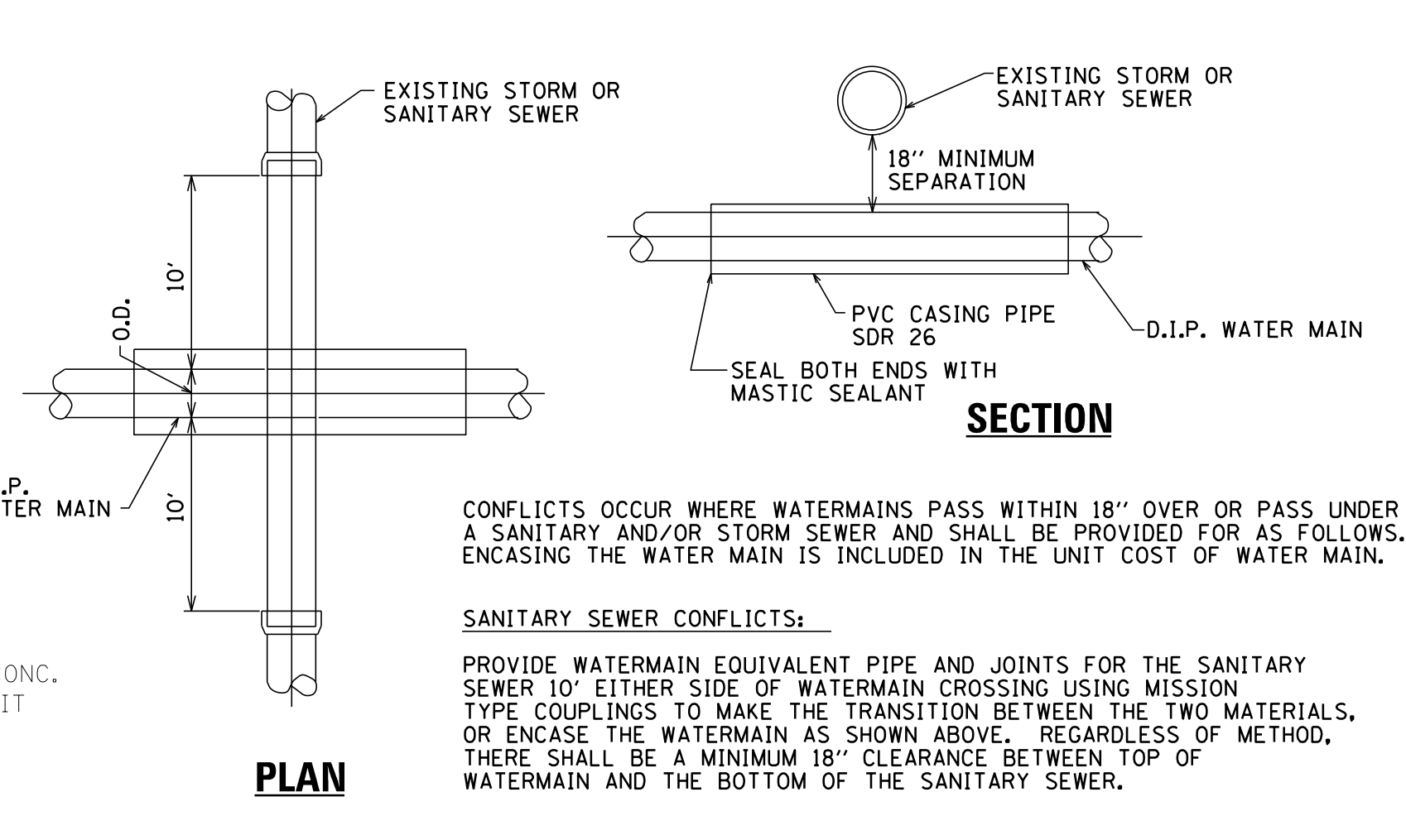
STANDARD FIRE HYDRANT INSTALLATION
N.T.S.



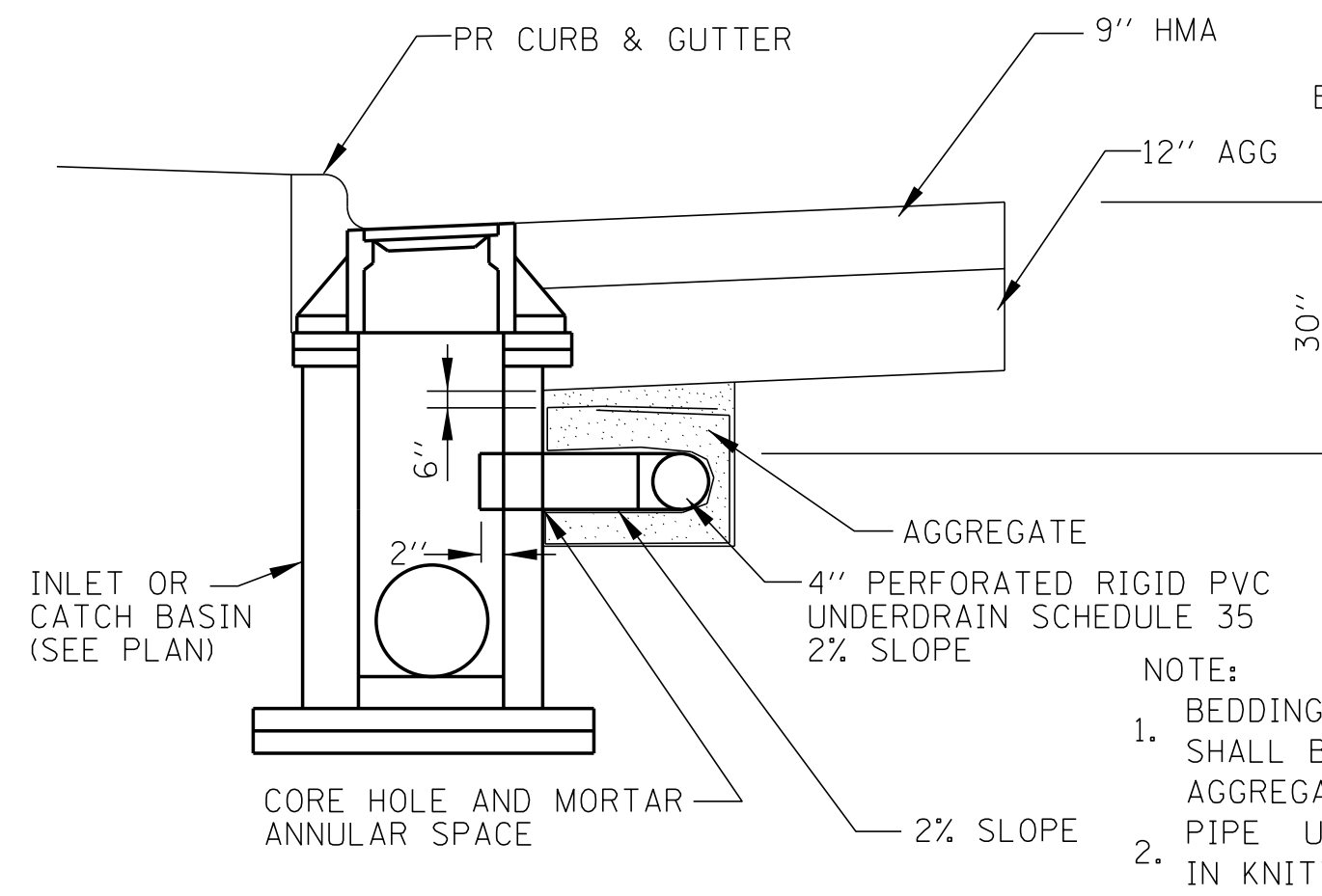
HYDRANT SIGN



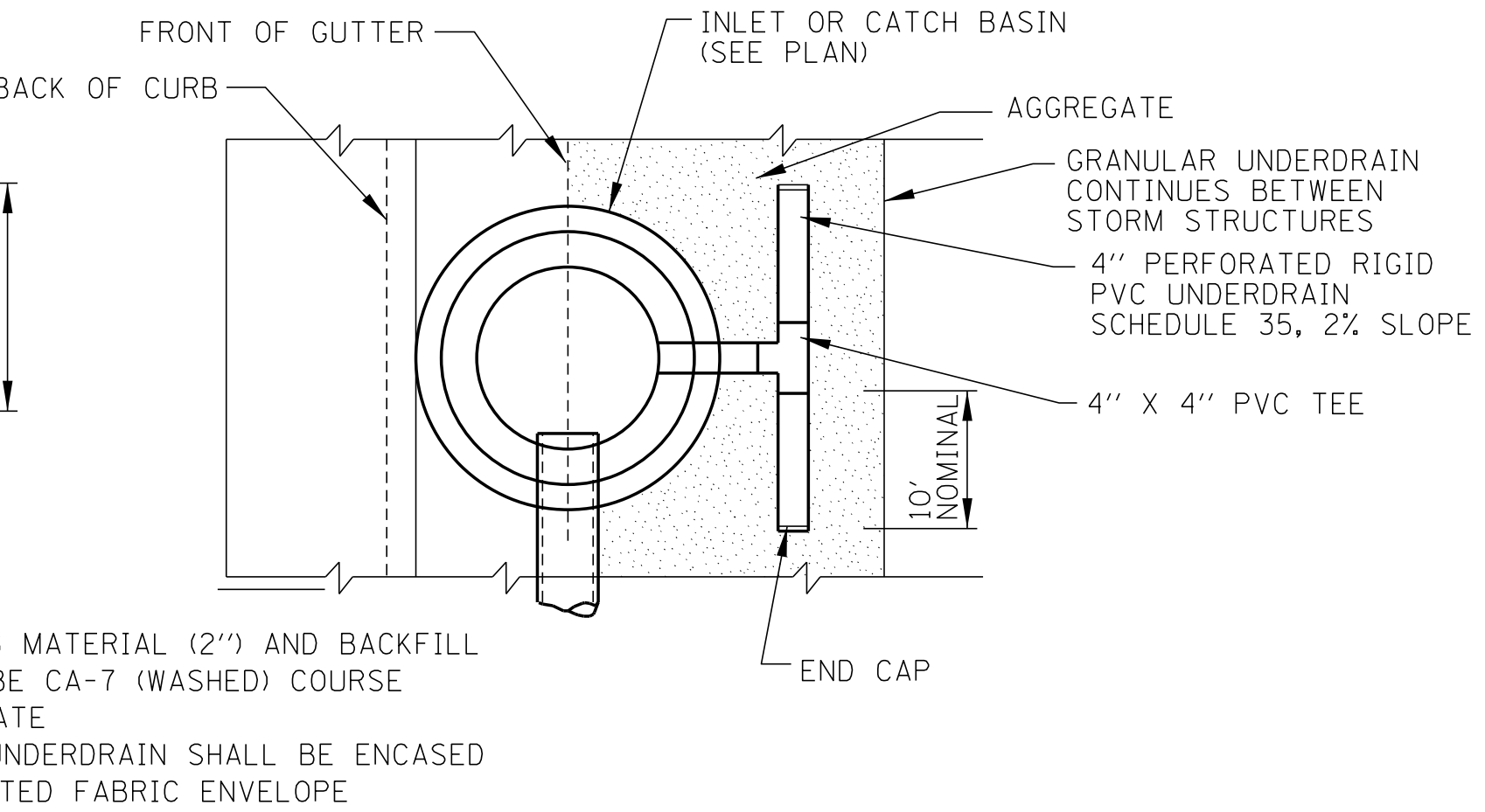
STANDARD VALVE VAULT DETAIL
N.T.S.



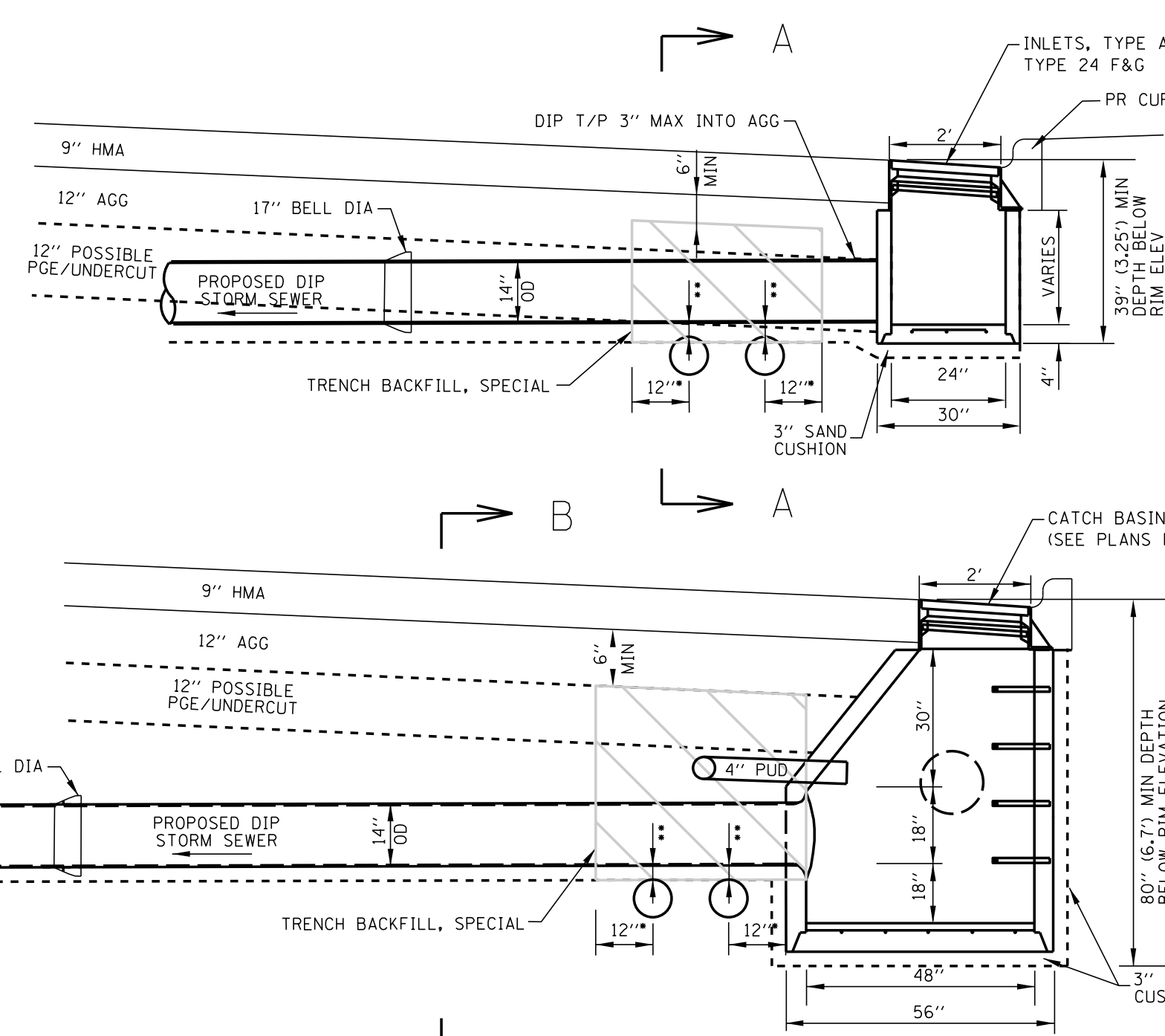
SEWER / WATER MAIN CROSSING
N.T.S.



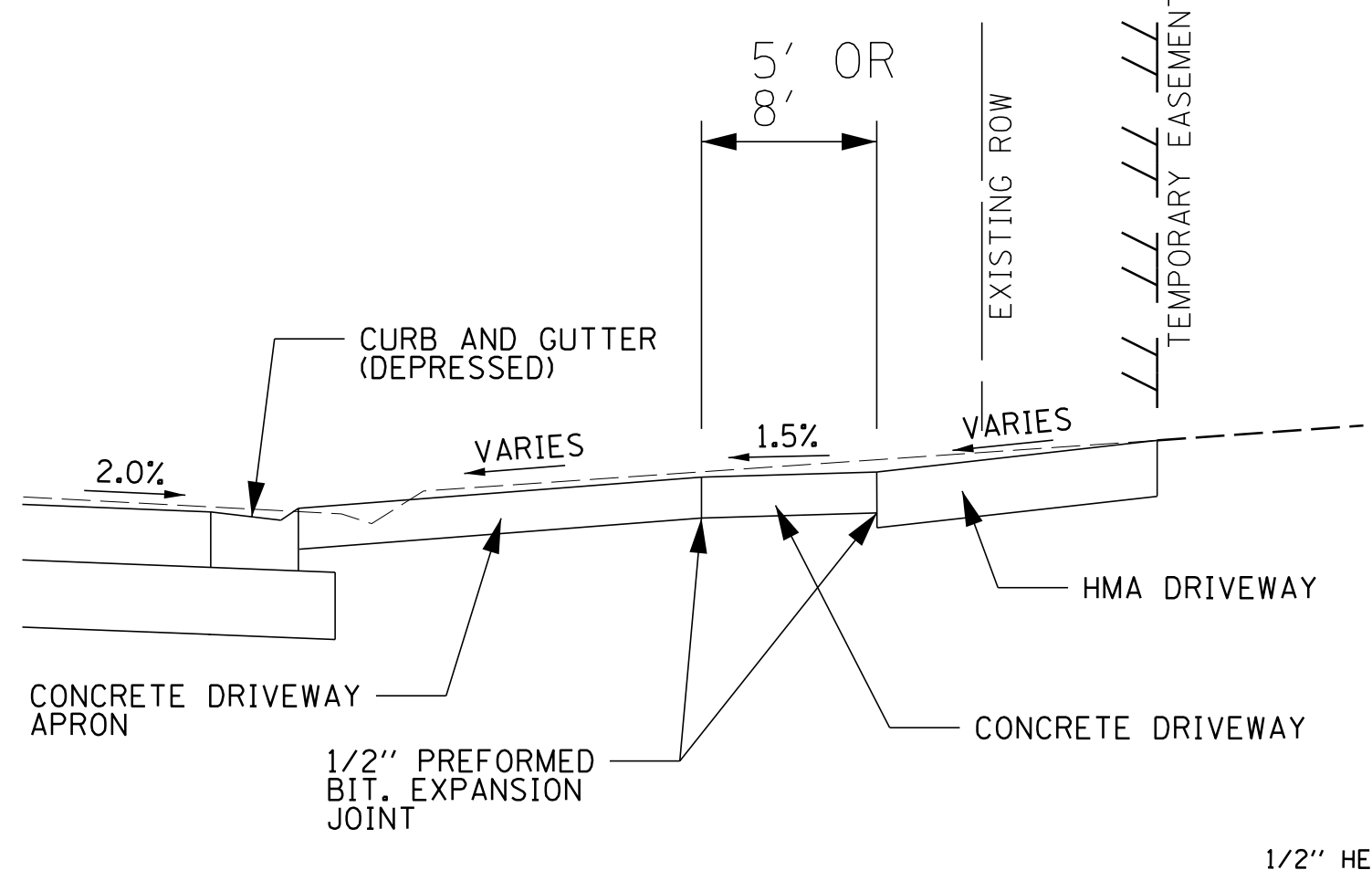
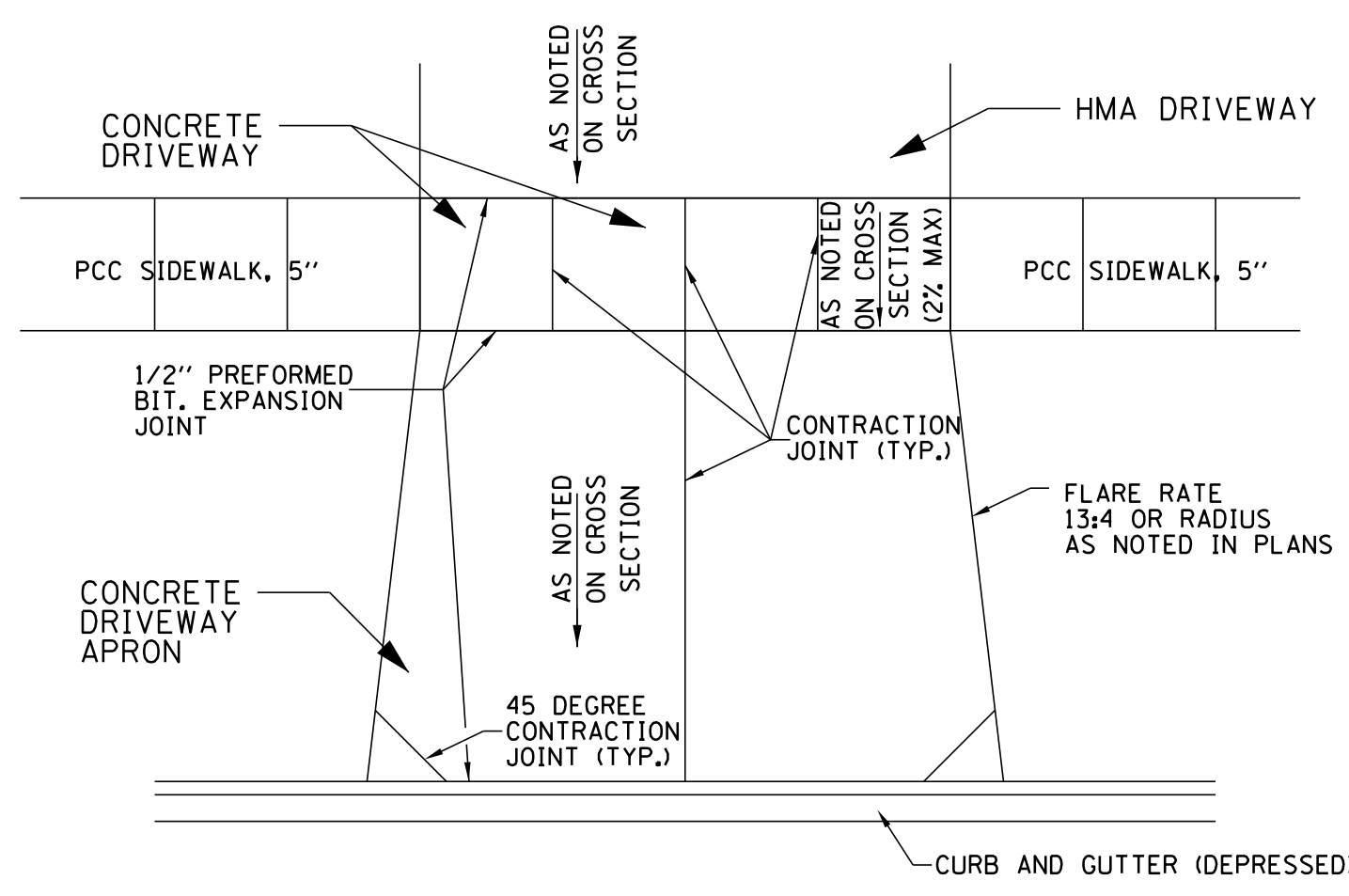
PAVEMENT PIPE UNDERDRAIN DETAILS
N.T.S.



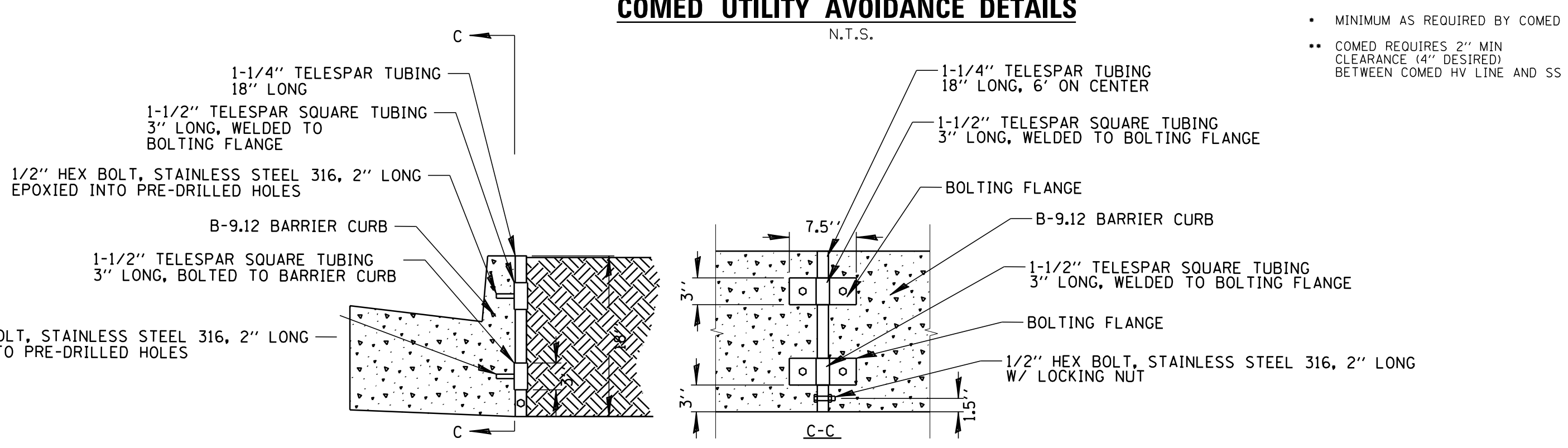
PAVEMENT PIPE UNDERDRAIN DETAILS
N.T.S.



COMED UTILITY AVOIDANCE DETAILS
N.T.S.



DRIVEWAY DETAILS
N.T.S.



COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12 (SPECIAL) DETAILS
N.T.S.

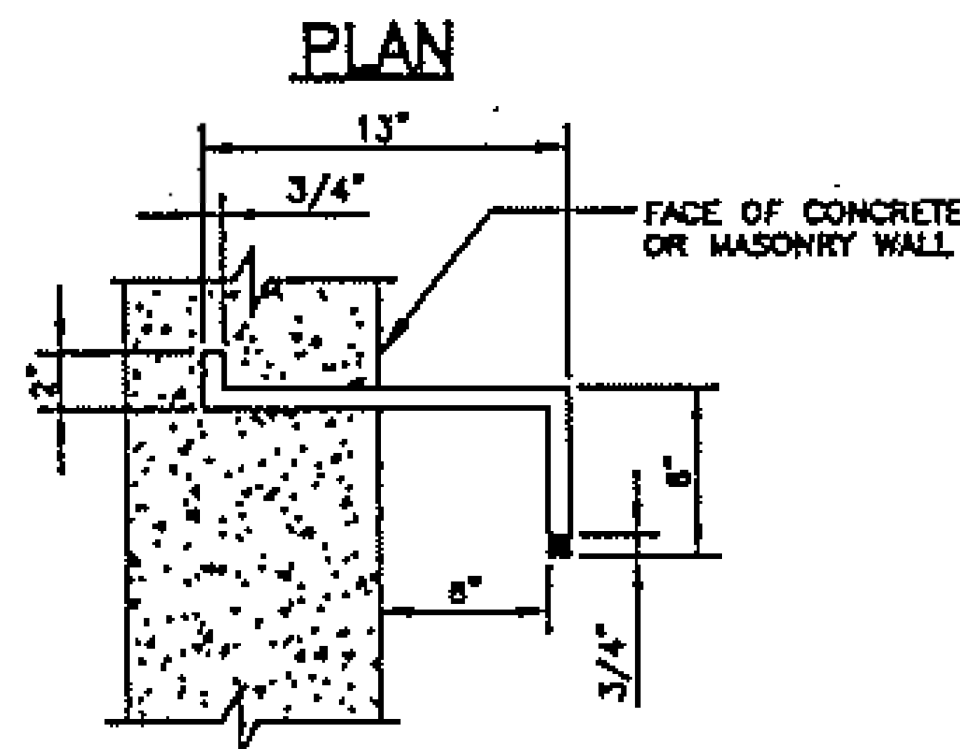
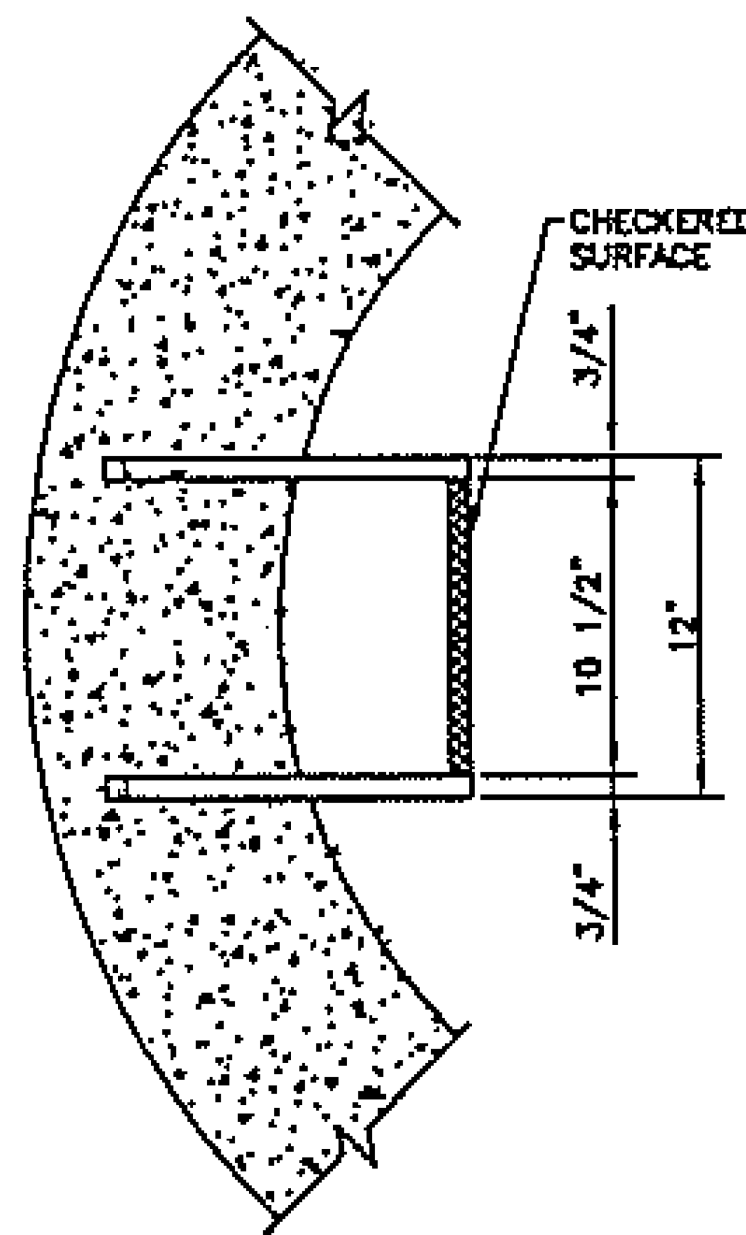
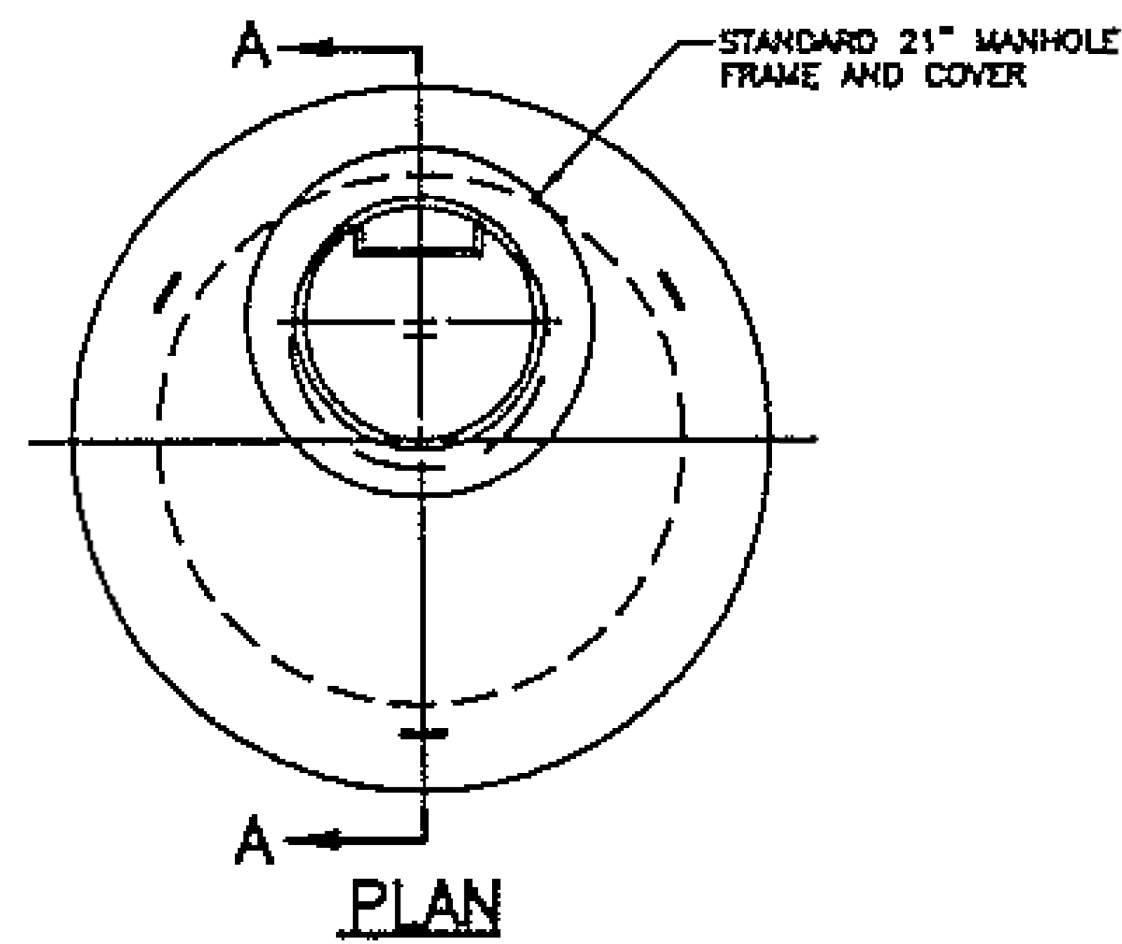
NOTES:
1. CONC DRIVEWAY AND DRIVEWAY APRONS SHALL BE PCC DRIVEWAY PAVEMENT 8" (WITH 6"x6" #6 RIGID WIRE MESH INSTALLED 3" BELOW SURFACE PER SECTION 420, INCLUDED IN THE COST OF PCC DRIVEWAY PAVEMENT 8" ON AGGREGATE BASE COURSE, TYPE B; 2".
2. HMA DRIVEWAY SHALL BE HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; 1-1/2" ON HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 1-1/2" ON AGGREGATE BASE COURSE, TYPE B 10".

| | | | |
|--|--------------------|-----------------------|-----------|
| FILE NAME = | USER NAME = jmillr | DESIGNED - BLL / DJK | REVISED - |
| N:\SCHAUMBURG\150321\Civil\DET_150321.16.dwt | | DRAWN - VAR | REVISED - |
| Default | | CHECKED - JGS | REVISED - |
| | | DATE - 04/06/18 FINAL | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | | | |
|---|--|---------------------|--|--------------|--|
| SCALE: NTS | | SHEET 2 OF 3 SHEETS | | STA. TO STA. | |
| PLUM GROVE ROAD CONSTRUCTION DETAILS | | | | | |

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 207 |
| CONTRACT NO. 61E16 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



ELEVATION
MANHOLE STEPS
SCALE: 2" = 1'-0"

MATERIAL:
DUCTILE IRON GRADE 85-45-12
FULLY ANNEALED CONFORMING
TO ASTM SPECIFICATIONS

NOTE:

9" THICK PRECAST CONCRETE RINGS WITH CAST IN PLACE RUNGS MAY BE USED IN PLACE OF CAST IN PLACE CONCRETE WHEN EXTENDING THE HEIGHT OF THE MANHOLE BARREL. ALL EXTENSION SHALL BE IN ONE PIECE AND IN INCREMENTS OF 12".

ALL JOINTS SHALL BE CLEANED, SQUARED AND GROUTED IN A MANNER TO PRECLUDE POSSIBILITY OF LEAKS AT JOINT.

THE PRECAST TOP SLAB SHALL BE REMOVED AND REPLACED AS REQUIRED.

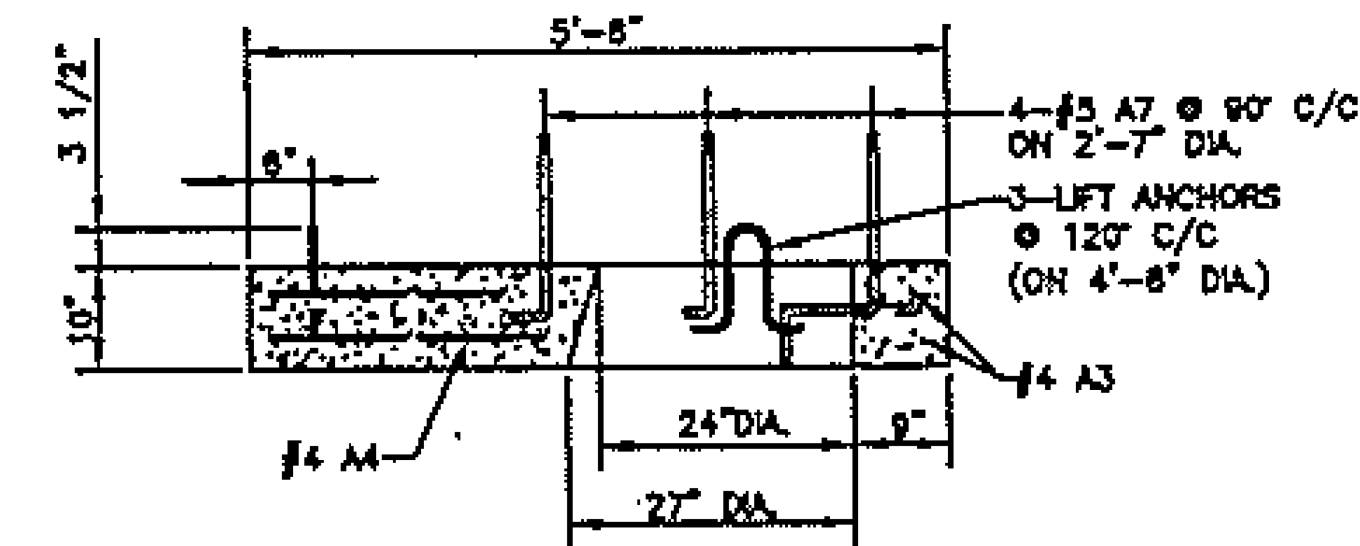
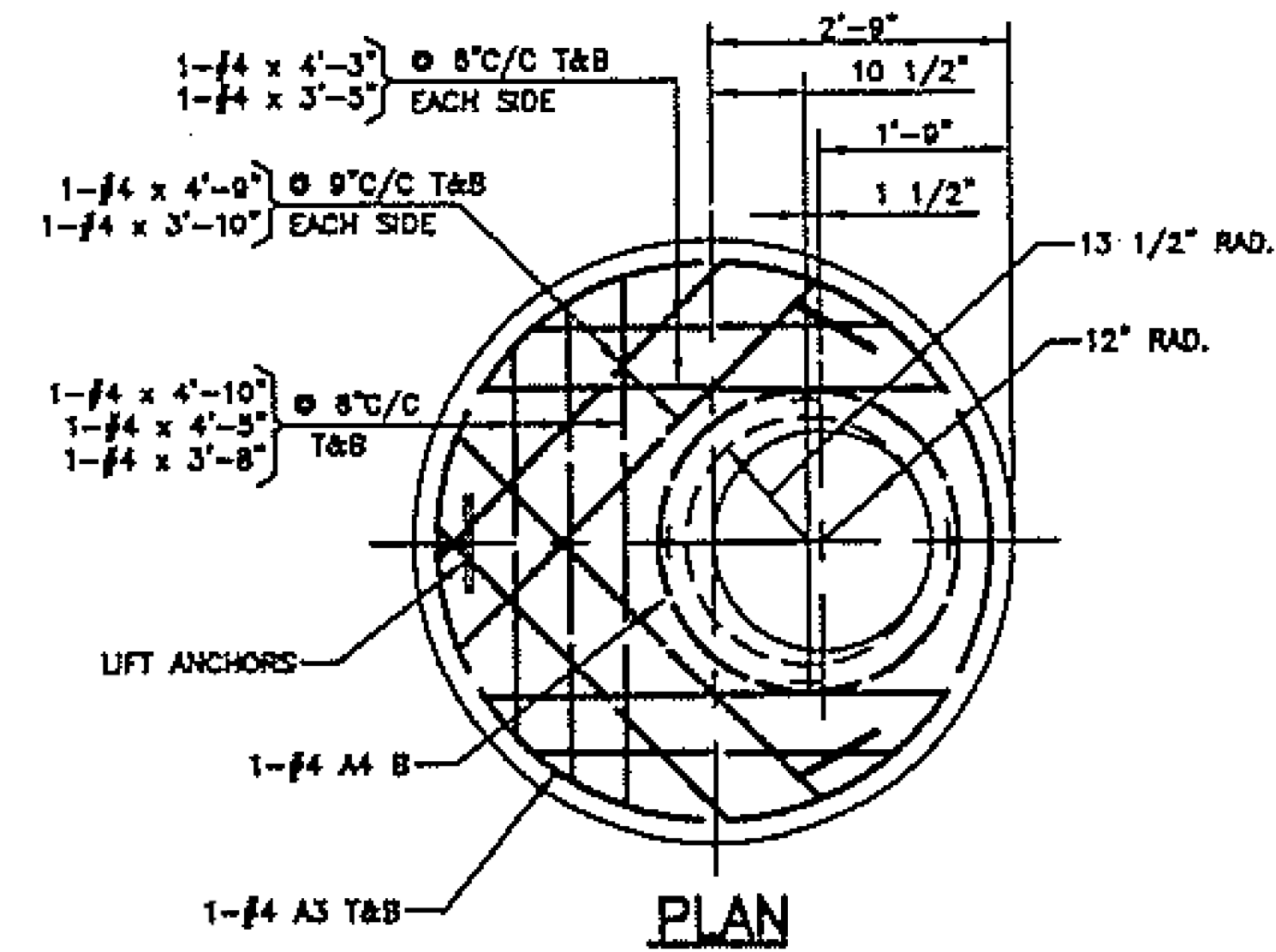
ALL ELEMENTS OF THE MANHOLE DISTURBED OR DAMAGED DURING ALTERATION SHALL BE CORRECTED OR REPLACED TO MEET THE STANDARD HEREIN SHOWN AND SPECIFIED.

ALL CONCRETE SHALL BE CLASS "RA".

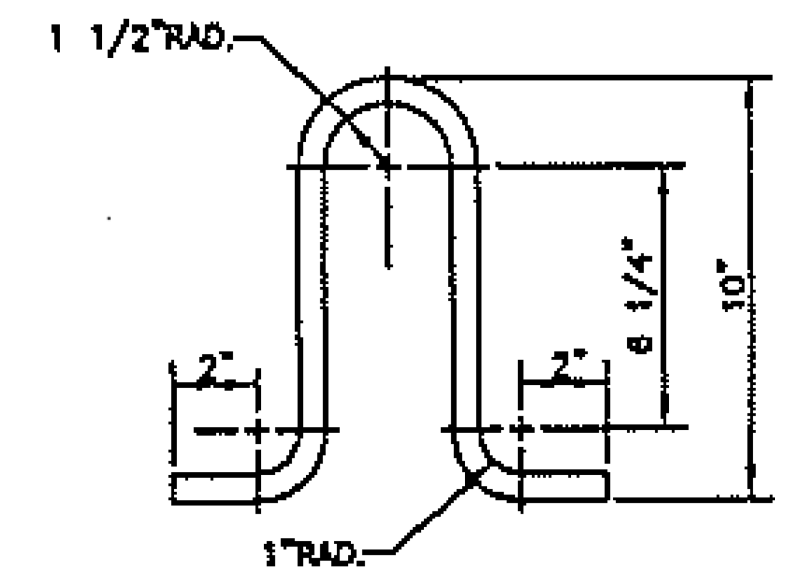
ALL GROUT SHALL BE 1 PART CEMENT TO 3 PARTS SAND WITH MINIMUM WATER TO ACHIEVE A STIFF PLASTIC CONSISTENCY WITH ZERO SLUMP.

ALL WORKMANSHIP AND MATERIALS NOT SPECIFIED SHALL BE AS PER STANDARD PREPRINTED MWRDGG SPECIFICATIONS TITLED:

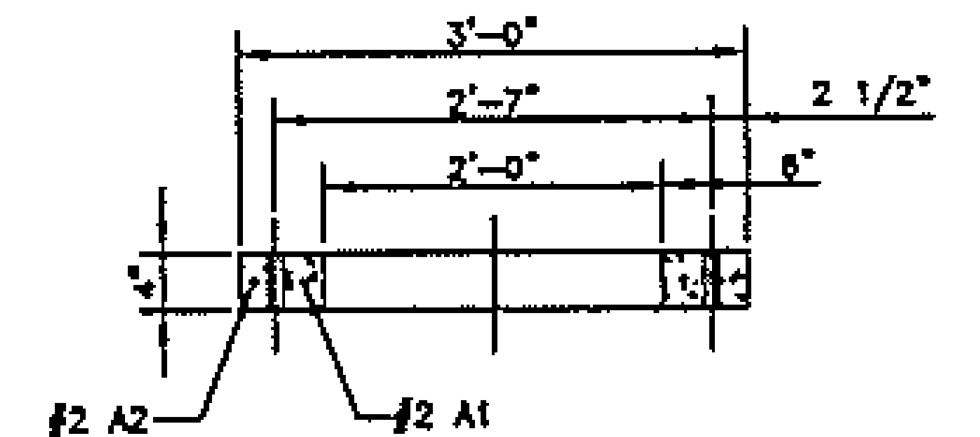
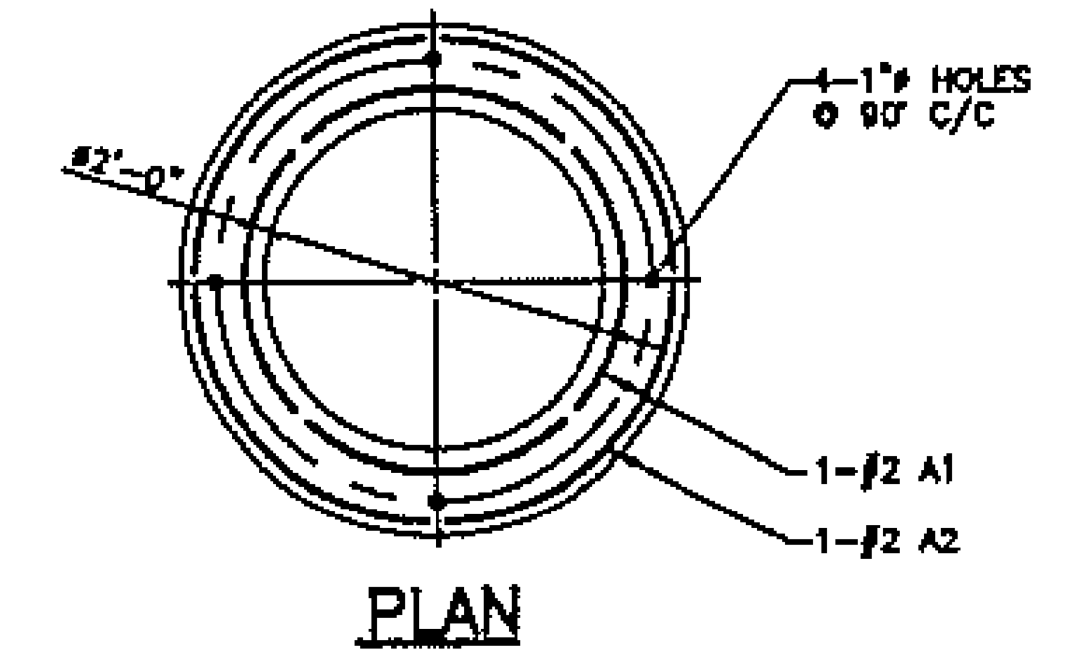
- GENERAL SPECIFICATIONS - CONSTRUCTION CONTRACTS
- GENERAL SPECIFICATIONS - SEWERS
- GENERAL SPECIFICATIONS - CONCRETE



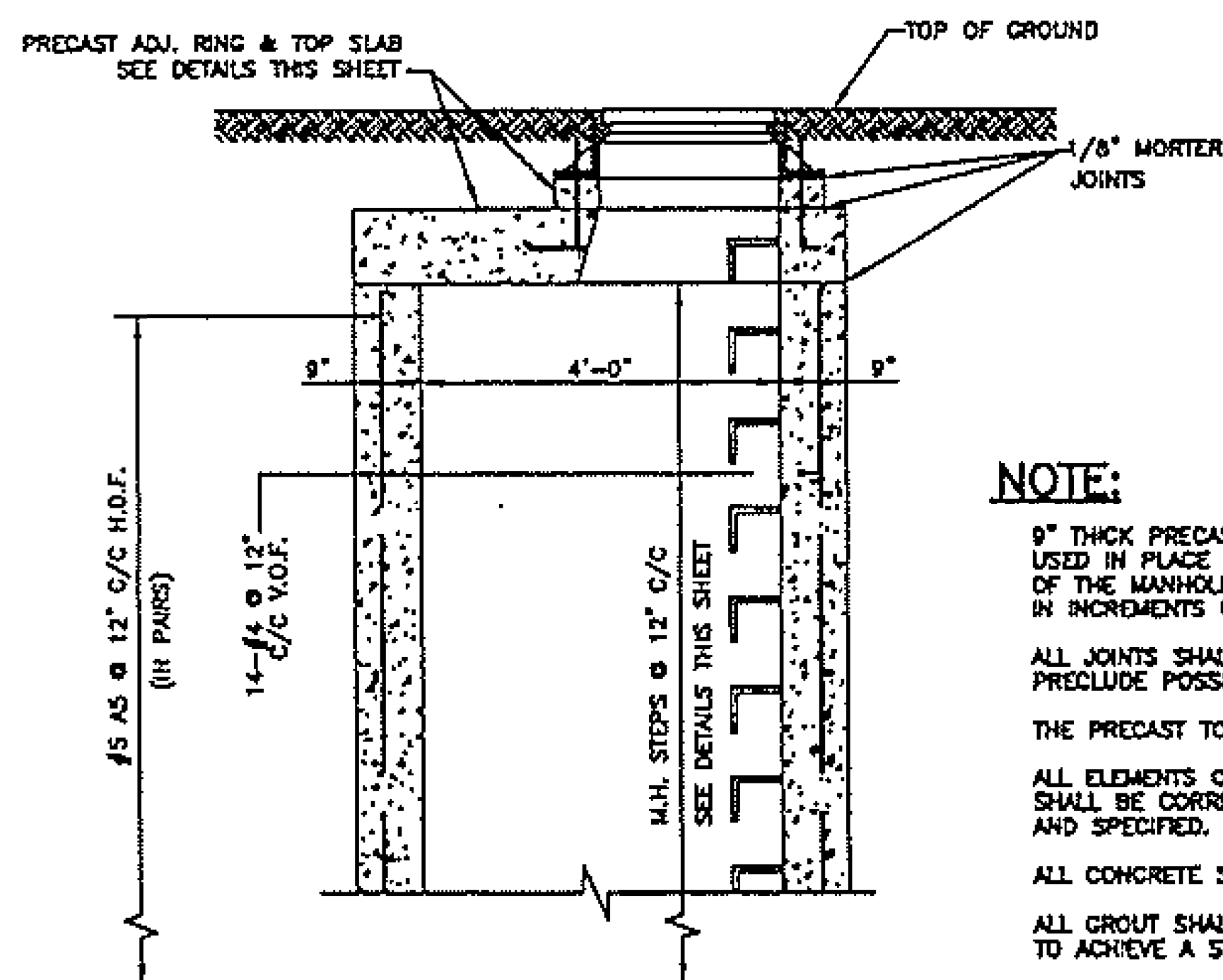
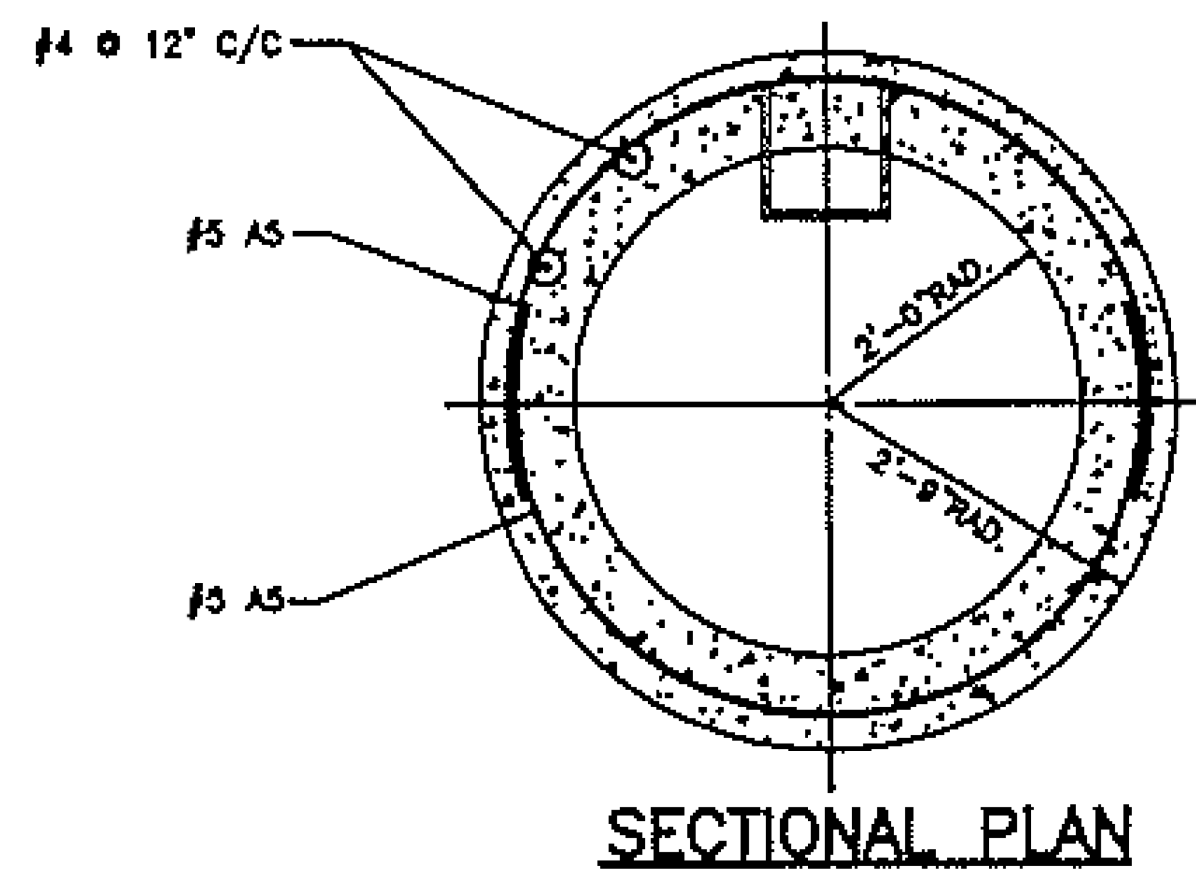
SECTION
PRECAST TOP SLAB DETAIL
SCALE: 3/4" = 1'-0"



SCALE: 3" = 1'-0"
MATERIAL: 5/8" DIA. x 2'-3/4"-38 STEEL
ROD GALVANIZED AFTER FABRICATION



SECTION
PRECAST ADJUSTMENT RING DETAIL
SCALE: 1" = 1'-0"

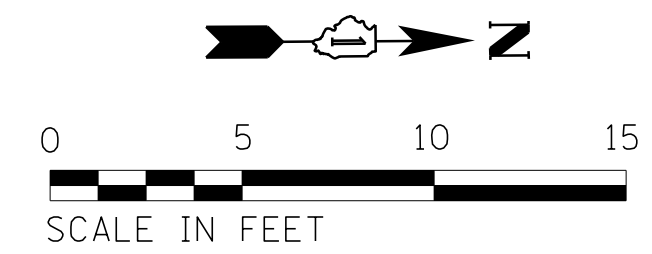
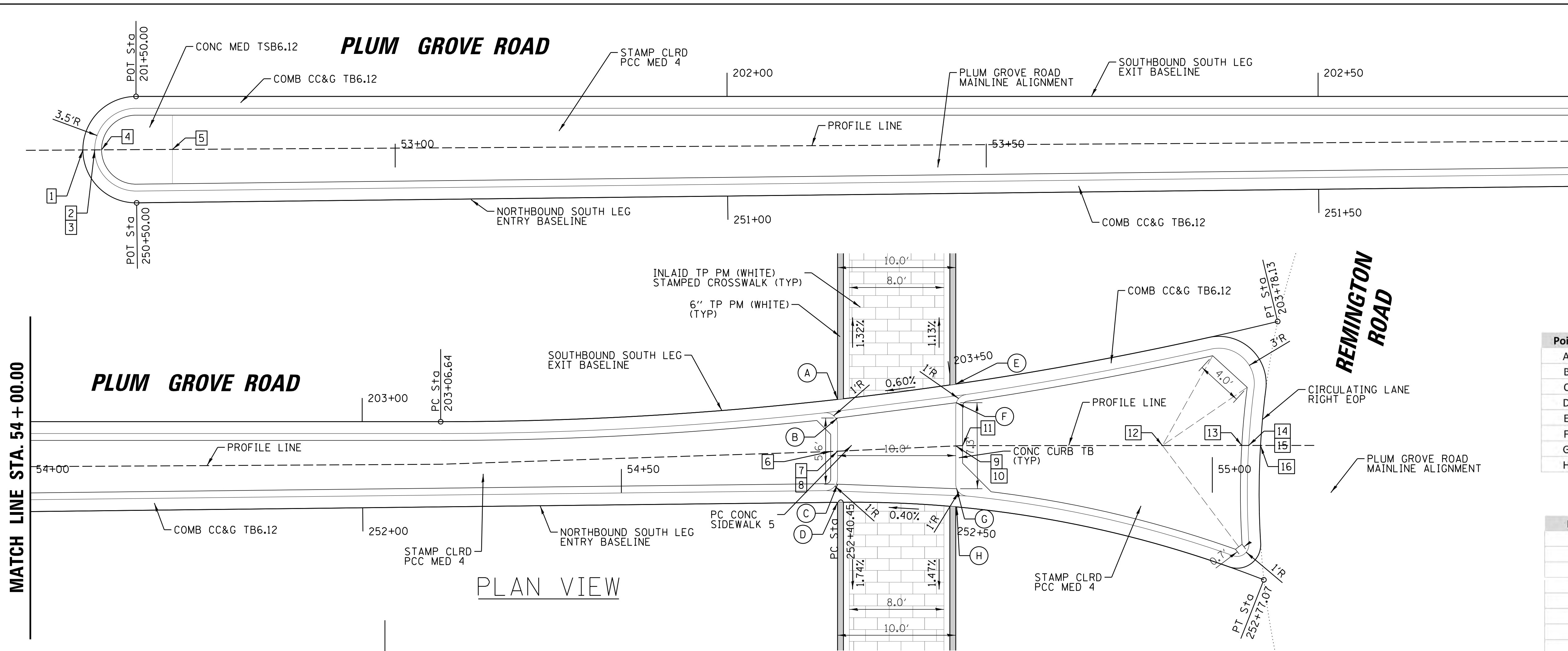


SECTION "A-A"
STANDARD MANHOLE BARREL
SCALE: 3/4" = 1'-0"

| RE-BAR BENDING DETAILS | | | | | | |
|------------------------|------|--------|------|-------|-------|---------|
| MARK | SIZE | LENGTH | TYPE | A | B | R |
| A1 | #2 | 7'-8" | ⊙ | - | - | 13 1/2" |
| A2 | #2 | 9'-8" | ⊙ | - | - | 17" |
| A3 | #4 | 15'-0" | ⊙ | - | - | 29 1/2" |
| A4 | #4 | 9'-3" | ⊙ | - | - | 16 1/2" |
| A5 | #5 | 8'-8" | ⊙ | 8'-9" | - | 29 1/2" |
| A7 | #5 | 2'-0" | ⊙ | 8" | 1'-8" | - |

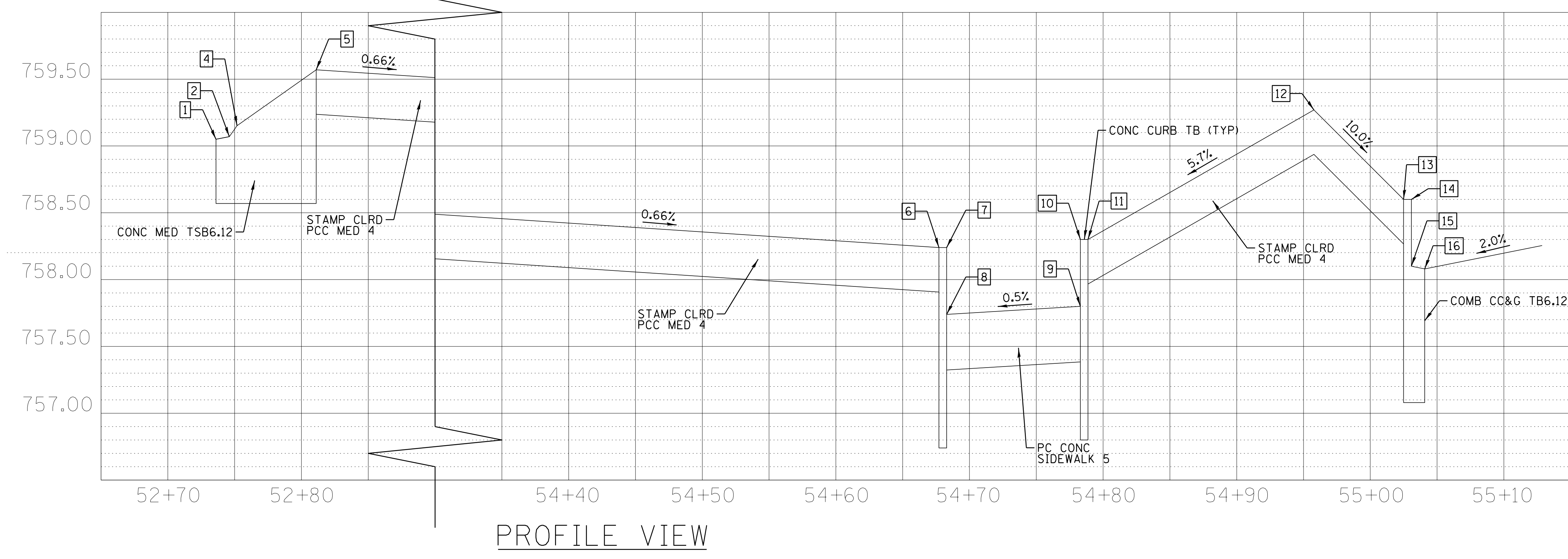
PROCEDURE:

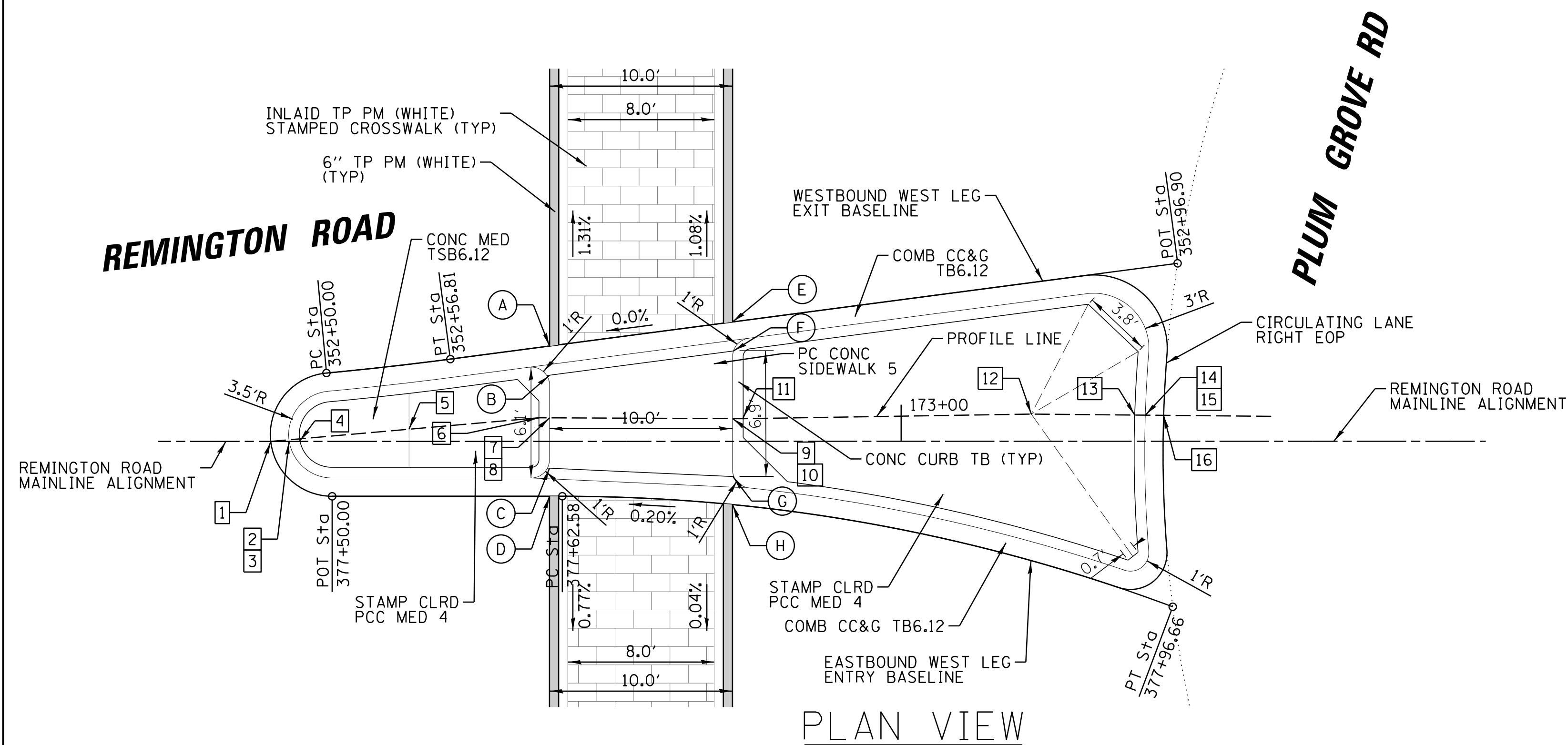
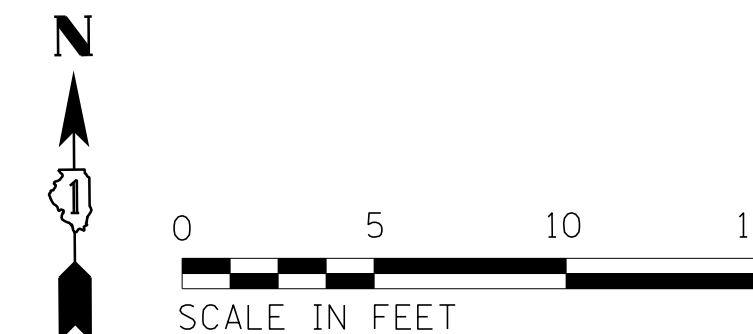
- A) TO RAISE ELEVATION 0" TO 8" MAX., ADD 4" THICK ADJUSTMENT RINGS AS DETAILED. INCREMENTS OF LESS THAN 4" SHALL BE OBTAINED BY HAND PACKING A DRY CEMENT GROUT OVER 100% OF THE BEARING AREA.
- B) TO RAISE ELEVATION OVER 8" AND LESS THAN 12", REMOVE THE 4" ADJUSTMENT RING AND EXTEND THE 9" THICK MANHOLE BARREL 12" WITH CAST IN PLACE CONCRETE REINFORCED AS DETAILED AND WITH LADDER RING AS DETAILED. TOP OF EXISTING CONCRETE TO BE CLEANED AND ROUGHENED AND NEW CONCRETE PLACED IN A MANNER TO INSURE BONDING AND NO LEAKAGE. FOR INCREMENTS BETWEEN 8" AND 12" PLACE GROUT FILLER AS IN (A) ABOVE.
- C) TO RAISE ELEVATION 12" AND ABOVE, ADD TO 9" THICK MANHOLE BARREL ONLY IN INCREMENTS OF 12" WITH RUNGS AT 12" O.C. AS DESCRIBED IN (B). FOR INCREMENTS BETWEEN 12" ADD OR REMOVE 4" ADJUSTMENT RINGS AND GROUT FILLER AS DESCRIBED IN (A) AND (B).
- D) TO LOWER ELEVATION 0" TO 4", REMOVE 4" THICK ADJUSTMENT RING AND FILL INCREMENTS OF 0" TO 4" WITH GROUT AS DESCRIBED IN (A).
- E) TO LOWER ELEVATION MORE THAN 4", REMOVE 9" THICK MANHOLE BARREL ONLY IN INCREMENTS OF 12" AND ADD OR REMOVE 4" THICK ADJUSTMENT RINGS AND GROUT AS REQUIRED AND AS DESCRIBED IN (A) AND (B).



| Point | Station | Offset | Elevation |
|-------|---------|----------|-----------|
| A | 54+68.3 | 7.89' LT | 757.74 |
| B | 54+68.3 | 6.31' LT | 757.79 |
| C | 54+68.3 | 0.72' LT | 757.87 |
| D | 54+68.3 | 0.81' RT | 757.83 |
| E | 54+78.3 | 9.18' LT | 757.80 |
| F | 54+78.3 | 7.61' LT | 757.84 |
| G | 54+78.3 | 0.32' LT | 757.89 |
| H | 54+78.3 | 1.20' RT | 757.87 |

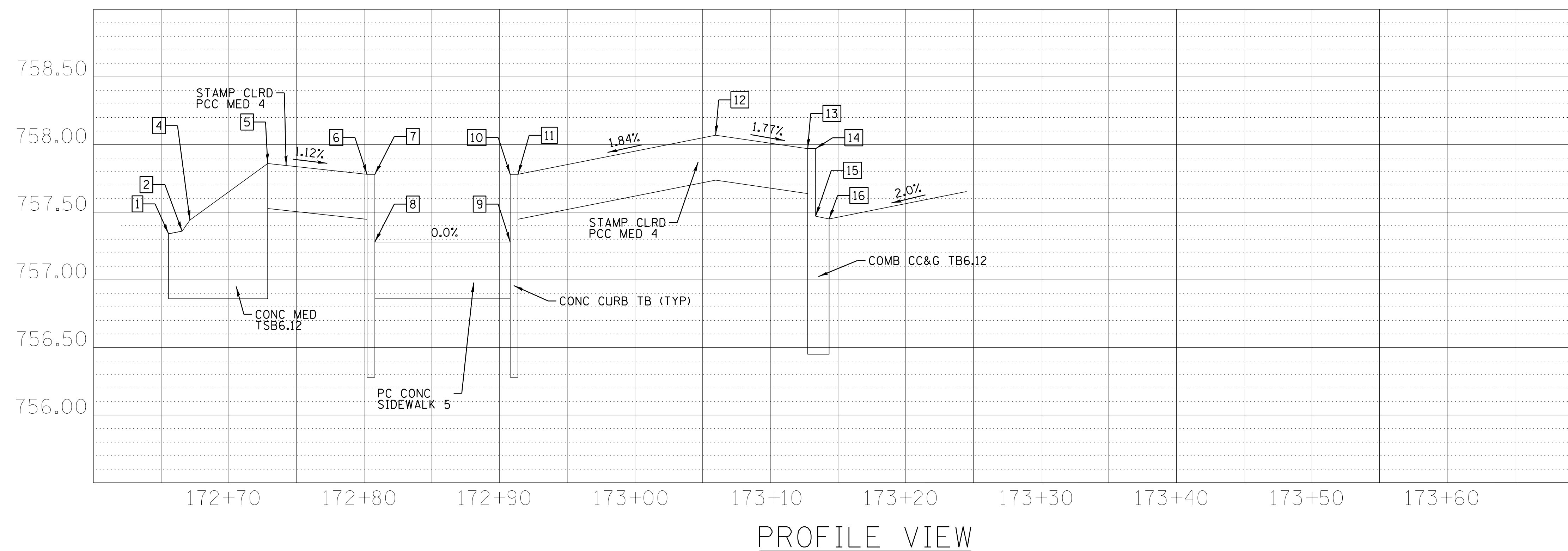
| Point | Station | Offset | Elevation |
|-------|---------|----------|-----------|
| 1 | 52+73.6 | 1.48' LT | 759.05 |
| 2 | 52+74.6 | 1.48' LT | 759.07 |
| 3 | 52+74.6 | 1.48' RT | 759.32 |
| 4 | 52+75.1 | 1.48' LT | 759.34 |
| 5 | 52+81.1 | 1.52' LT | 759.57 |
| 6 | 54+67.8 | 3.49' LT | 758.33 |
| 7 | 54+68.3 | 3.52' LT | 758.33 |
| 8 | 54+68.3 | 3.52' LT | 757.83 |
| 9 | 54+78.3 | 3.97' LT | 757.89 |
| 10 | 54+78.3 | 3.97' LT | 758.39 |
| 11 | 54+78.8 | 3.99' LT | 758.39 |
| 12 | 54+95.8 | 4.00' LT | 759.27 |
| 13 | 55+02.5 | 4.00' LT | 758.60 |
| 14 | 55+03.1 | 4.00' LT | 758.60 |
| 15 | 55+03.1 | 4.00' LT | 758.10 |
| 16 | 55+04.1 | 4.00' LT | 758.08 |

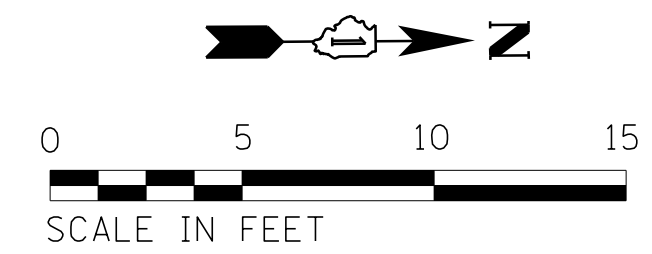
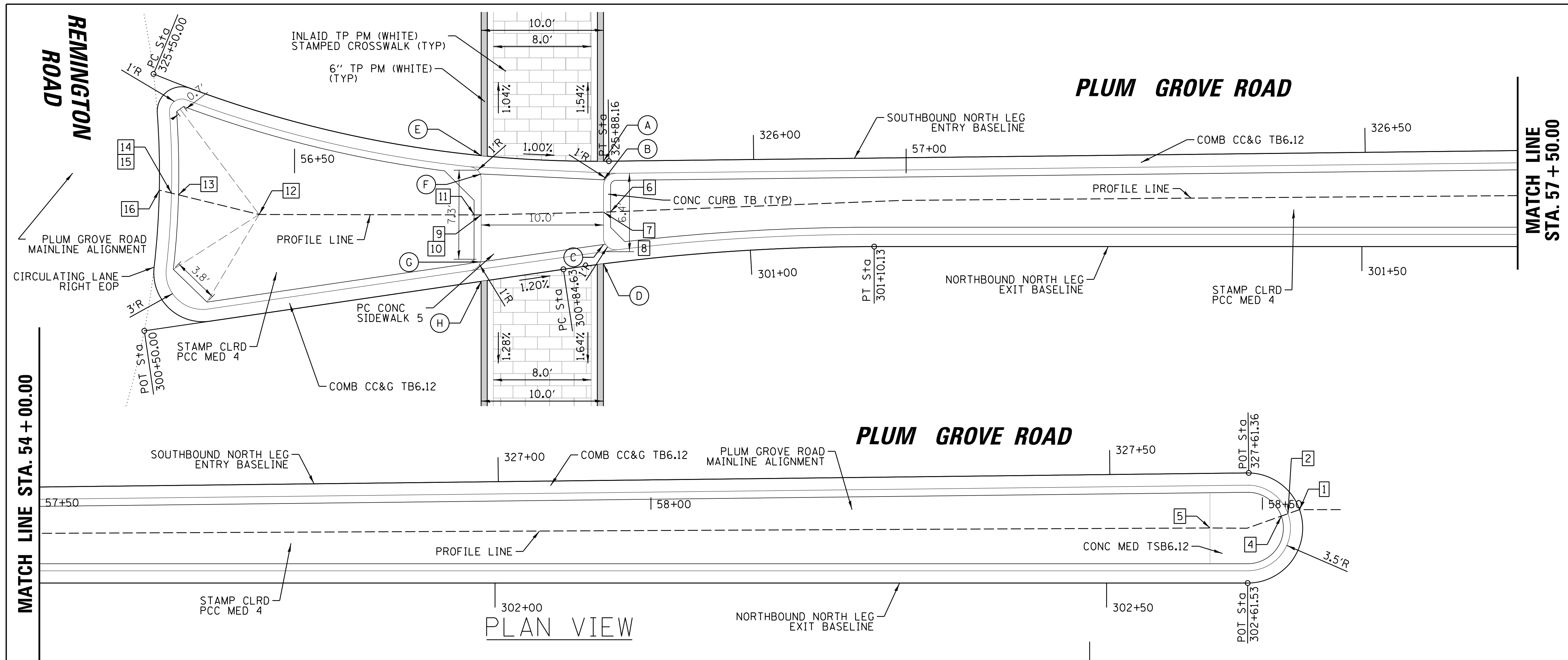




| Point | Station | Offset | Elevation |
|-------|----------|----------|-----------|
| A | 172+80.8 | 5.21' LT | 757.22 |
| B | 172+80.8 | 3.62' LT | 757.25 |
| C | 172+80.8 | 1.47' RT | 757.30 |
| D | 172+80.8 | 3.00' RT | 757.25 |
| E | 172+90.8 | 6.53' LT | 757.22 |
| F | 172+90.8 | 4.94' LT | 757.25 |
| G | 172+90.8 | 1.92' RT | 757.30 |
| H | 172+90.8 | 3.46' RT | 757.27 |

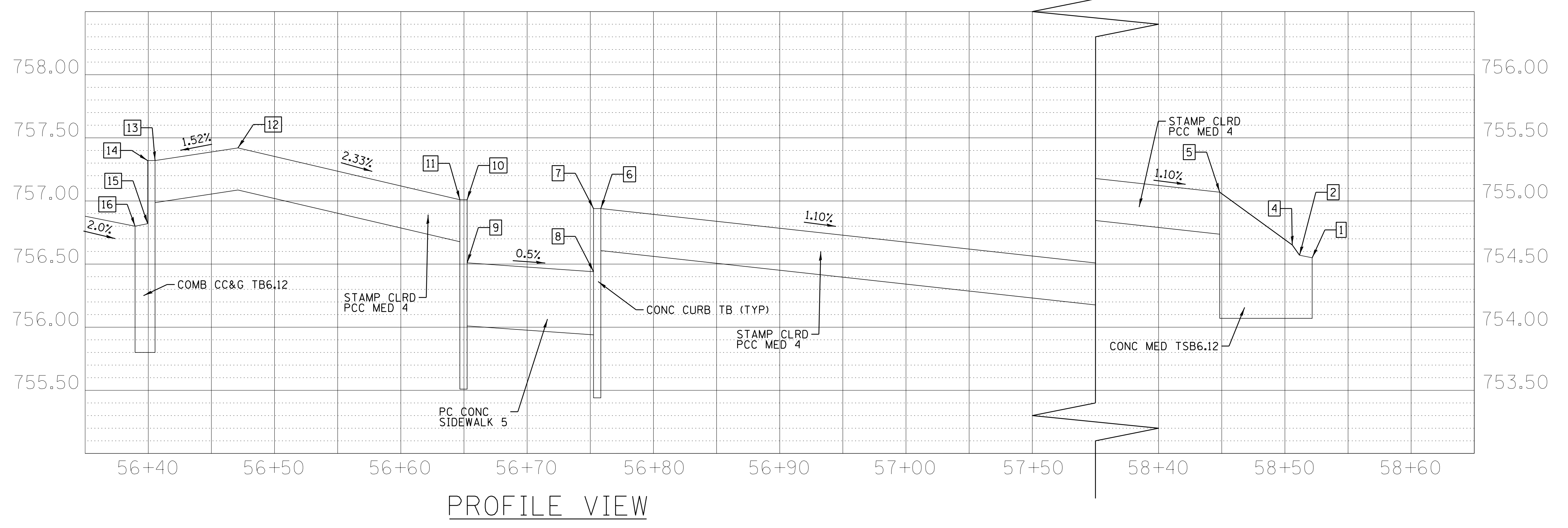
| Point | Station | Offset | Elevation |
|-------|----------|----------|-----------|
| 1 | 172+65.6 | 0.00' LT | 757.34 |
| 2 | 172+66.6 | 0.00' LT | 757.36 |
| 3 | 172+66.6 | 0.00' LT | 757.61 |
| 4 | 172+67.1 | 0.00' LT | 757.63 |
| 5 | 172+73.1 | 0.67' LT | 757.86 |
| 6 | 172+80.3 | 1.29' LT | 757.78 |
| 7 | 172+80.8 | 1.29' LT | 757.78 |
| 8 | 172+80.8 | 1.29' LT | 757.28 |
| 9 | 172+90.8 | 1.25' LT | 757.28 |
| 10 | 172+90.8 | 1.25' LT | 757.78 |
| 11 | 172+91.4 | 1.28' LT | 757.78 |
| 12 | 173+07.1 | 1.48' LT | 758.07 |
| 13 | 173+12.8 | 1.43' LT | 757.97 |
| 14 | 173+13.3 | 1.43' LT | 757.97 |
| 15 | 173+13.3 | 1.43' LT | 757.47 |
| 16 | 173+14.3 | 1.42' LT | 757.45 |

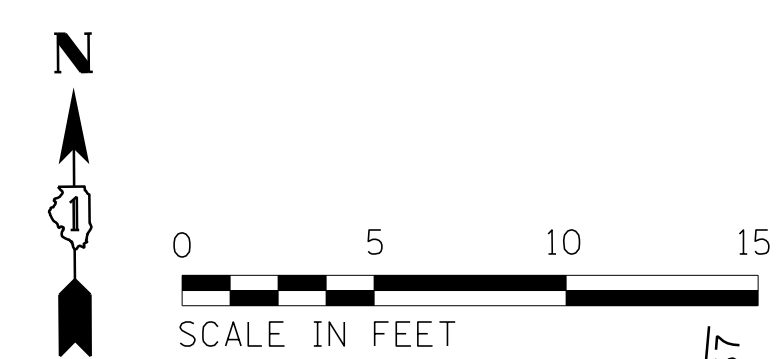
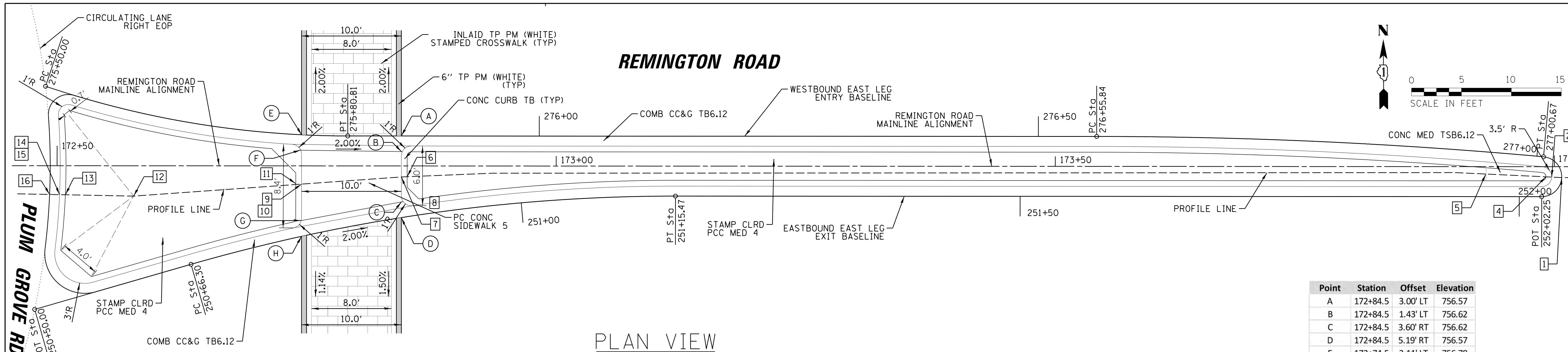




| Point | Station | Offset | Elevation |
|-------|---------|----------|-----------|
| A | 56+75.3 | 0.98' LT | 756.43 |
| B | 56+75.3 | 0.55' RT | 756.48 |
| C | 56+75.3 | 5.83' RT | 756.42 |
| D | 56+75.3 | 7.41' RT | 756.35 |
| E | 56+65.3 | 1.43' LT | 756.53 |
| F | 56+65.3 | 0.07' RT | 756.53 |
| G | 56+65.3 | 7.26' RT | 756.47 |
| H | 56+65.3 | 8.84' RT | 756.47 |

| Point | Station | Offset | Elevation |
|-------|----------|----------|-----------|
| 1 | 58+53.0 | 0.10' LT | 754.55 |
| 2 | 58+52.1 | 0.23' LT | 754.57 |
| 3 | NOT USED | | |
| 4 | 58+51.5 | 0.42' RT | 754.84 |
| 5 | 58+45.7 | 1.39' RT | 755.07 |
| 6 | 56+75.8 | 3.17' RT | 756.94 |
| 7 | 56+75.3 | 3.19' RT | 756.94 |
| 8 | 56+75.3 | 3.19' RT | 756.44 |
| 9 | 56+65.3 | 3.41' RT | 756.51 |
| 10 | 56+65.3 | 3.41' RT | 757.01 |
| 11 | 56+64.8 | 3.38' RT | 757.01 |
| 12 | 56+47.1 | 3.38' RT | 757.42 |
| 13 | 56+40.5 | 1.77' RT | 757.32 |
| 14 | 56+40.0 | 1.63' RT | 757.32 |
| 15 | 56+40.0 | 1.63' RT | 756.82 |
| 16 | 56+38.9 | 1.39' RT | 756.80 |

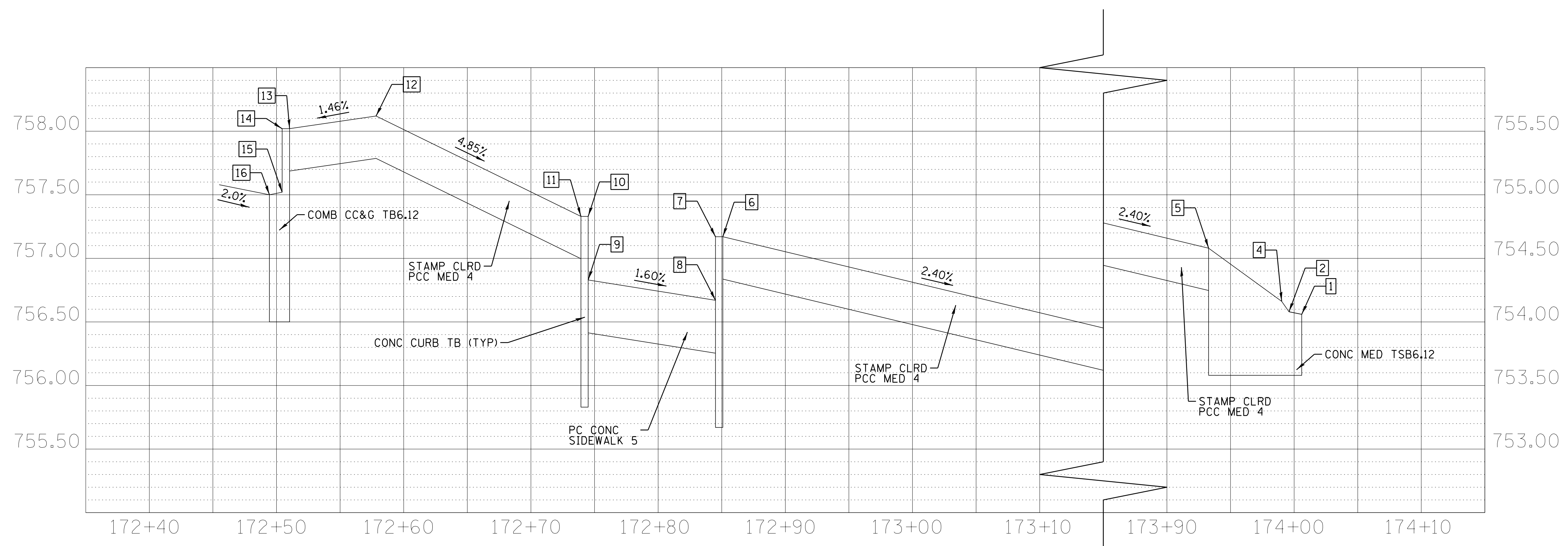




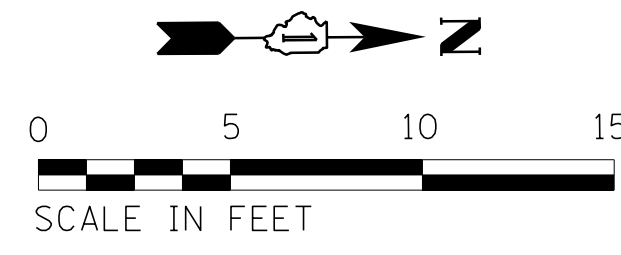
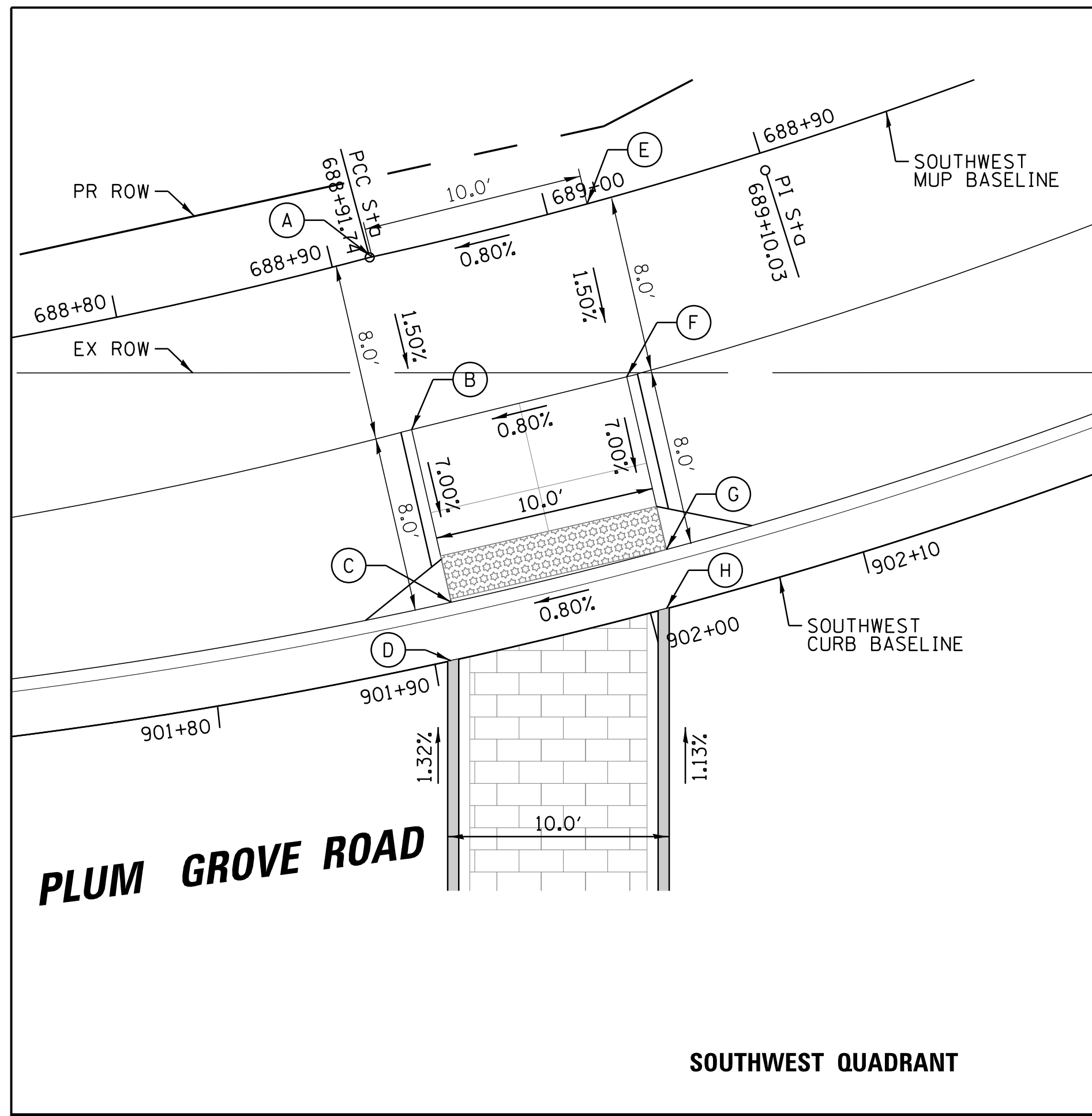
PLAN VIEW

| Point | Station | Offset | Elevation |
|-------|----------|----------|-----------|
| A | 172+84.5 | 3.00' LT | 756.57 |
| B | 172+84.5 | 1.43' LT | 756.62 |
| C | 172+84.5 | 3.60' RT | 756.62 |
| D | 172+84.5 | 5.19' RT | 756.57 |
| E | 172+74.5 | 3.11' LT | 756.78 |
| F | 172+74.5 | 1.58' LT | 756.83 |
| G | 172+74.5 | 5.47' RT | 756.83 |
| H | 172+74.5 | 7.06' RT | 756.77 |

| Point | Station | Offset | Elevation |
|-------|----------|----------|-----------|
| 1 | 174+00.7 | 1.09' RT | 754.06 |
| 2 | 173+99.6 | 1.04' RT | 754.08 |
| 3 | NOT USED | | |
| 4 | 173+99.1 | 1.02' RT | 754.35 |
| 5 | 173+93.1 | 0.74' RT | 754.58 |
| 6 | 172+85.1 | 1.08' RT | 757.17 |
| 7 | 172+84.5 | 1.10' RT | 757.17 |
| 8 | 172+84.5 | 1.10' RT | 756.67 |
| 9 | 172+74.5 | 1.82' RT | 756.83 |
| 10 | 172+74.5 | 1.82' RT | 757.33 |
| 11 | 172+73.9 | 1.78' RT | 757.33 |
| 12 | 172+57.7 | 3.04' RT | 758.12 |
| 13 | 172+50.9 | 2.91' RT | 758.02 |
| 14 | 172+50.3 | 2.89' RT | 758.02 |
| 15 | 172+50.3 | 2.89' RT | 757.52 |
| 16 | 172+49.3 | 2.88' RT | 757.50 |

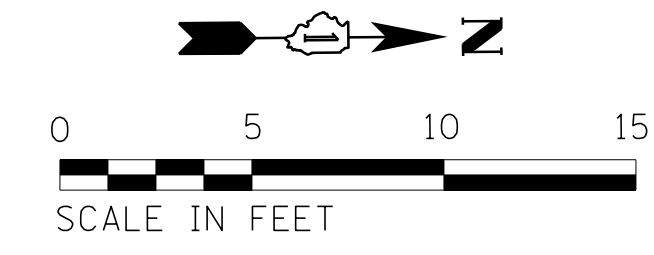
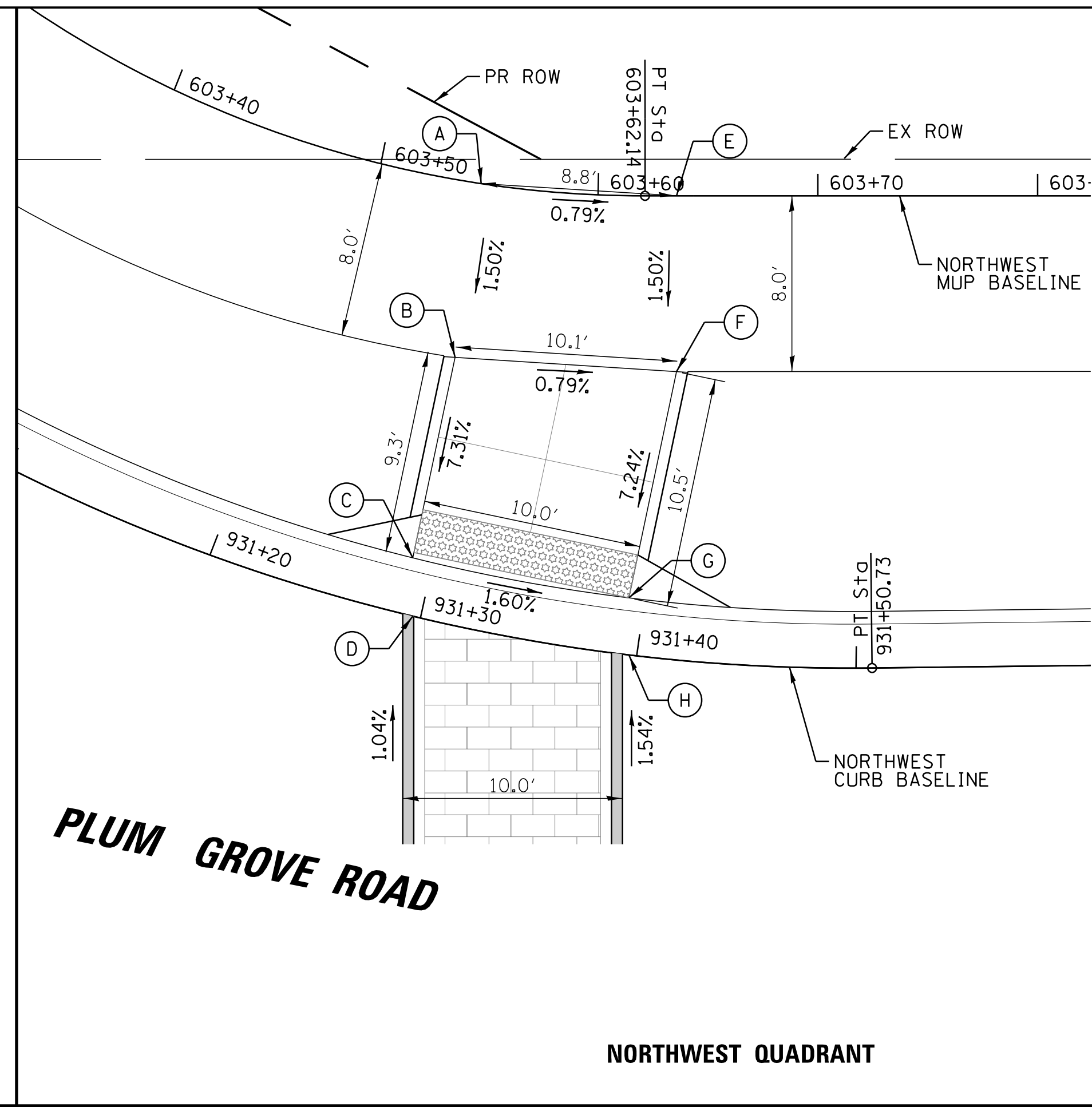


PROFILE VIEW



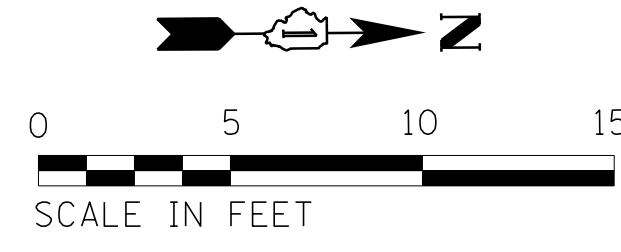
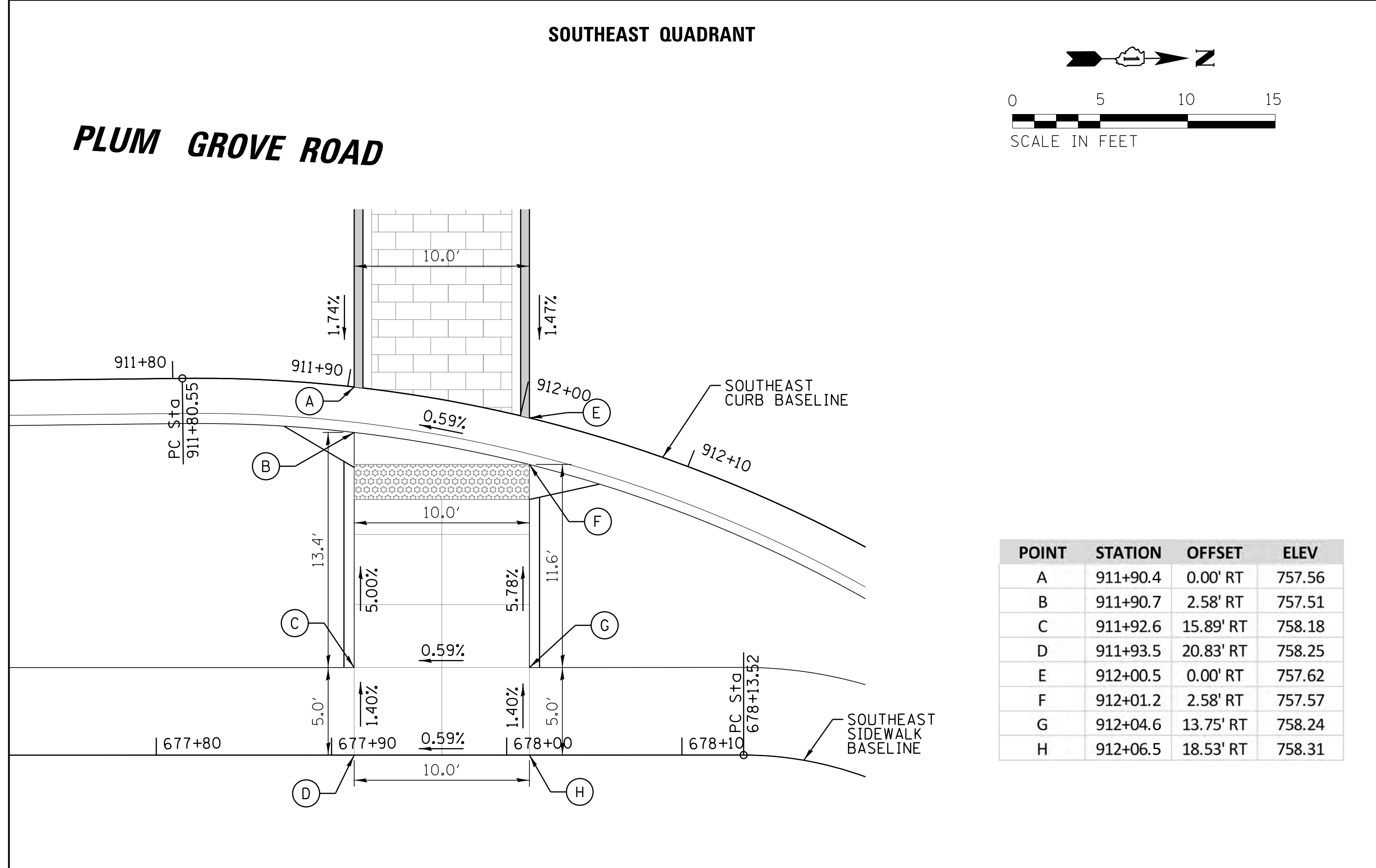
| POINT | STATION | OFFSET | ELEV |
|-------|----------|-----------|--------|
| A | 901+91.2 | 18.58' LT | 758.14 |
| B | 901+91.3 | 10.58' LT | 758.02 |
| C | 901+91.3 | 2.58' LT | 757.46 |
| D | 901+90.7 | 0.00' LT | 757.51 |
| E | 902+02.1 | 18.58' LT | 758.22 |
| F | 902+01.8 | 10.58' LT | 758.10 |
| G | 902+01.4 | 2.58' LT | 757.54 |
| H | 902+00.7 | 0.00' LT | 757.59 |

SOUTHWEST QUADRANT



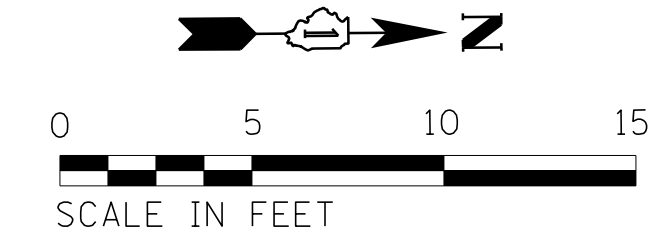
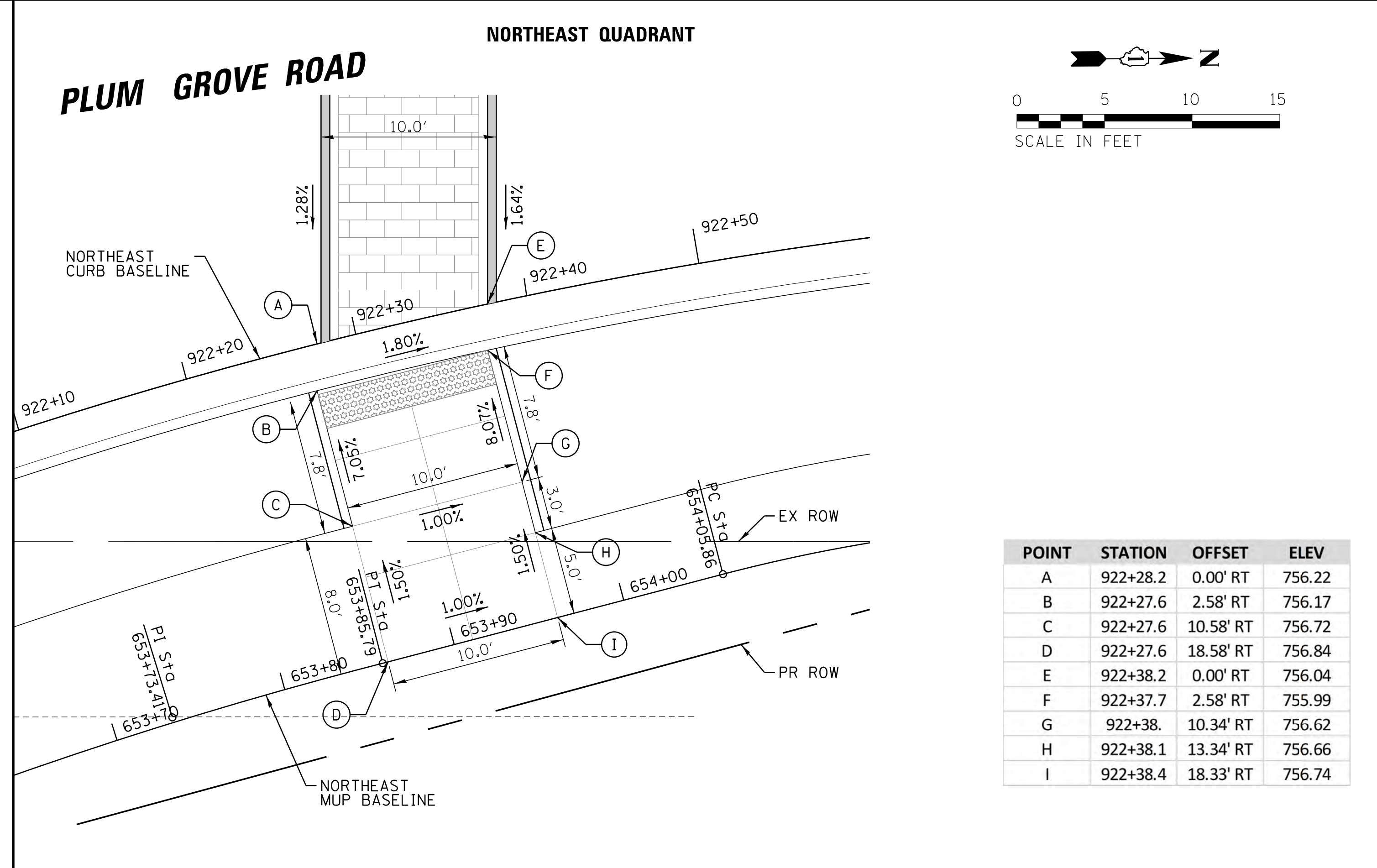
| POINT | STATION | OFFSET | ELEV |
|-------|----------|-----------|--------|
| A | 931+27.6 | 19.86' LT | 757.10 |
| B | 931+28.7 | 11.91' LT | 756.98 |
| C | 931+29.1 | 2.58' LT | 756.3 |
| D | 931+29.7 | 0.00' LT | 756.35 |
| E | 931+39.3 | 21.02' LT | 757.02 |
| F | 931+40.4 | 13.07' LT | 756.90 |
| G | 931+39.3 | 2.58' LT | 756.14 |
| H | 931+39.7 | 0.00' LT | 756.19 |

NORTHWEST QUADRANT



| POINT | STATION | OFFSET | ELEV |
|-------|----------|-----------|--------|
| A | 911+90.4 | 0.00' RT | 757.56 |
| B | 911+90.7 | 2.58' RT | 757.51 |
| C | 911+92.6 | 15.89' RT | 758.18 |
| D | 911+93.5 | 20.83' RT | 758.25 |
| E | 912+00.5 | 0.00' RT | 757.62 |
| F | 912+01.2 | 2.58' RT | 757.57 |
| G | 912+04.6 | 13.75' RT | 758.24 |
| H | 912+06.5 | 18.53' RT | 758.31 |

SOUTHEAST QUADRANT



| POINT | STATION | OFFSET | ELEV |
|-------|----------|-----------|--------|
| A | 922+28.2 | 0.00' RT | 756.22 |
| B | 922+27.6 | 2.58' RT | 756.17 |
| C | 922+27.6 | 10.58' RT | 756.72 |
| D | 922+27.6 | 18.58' RT | 756.84 |
| E | 922+38.2 | 0.00' RT | 756.04 |
| F | 922+37.7 | 2.58' RT | 755.99 |
| G | 922+38. | 10.34' RT | 756.62 |
| H | 922+38.1 | 13.34' RT | 756.66 |
| I | 922+38.4 | 18.33' RT | 756.74 |

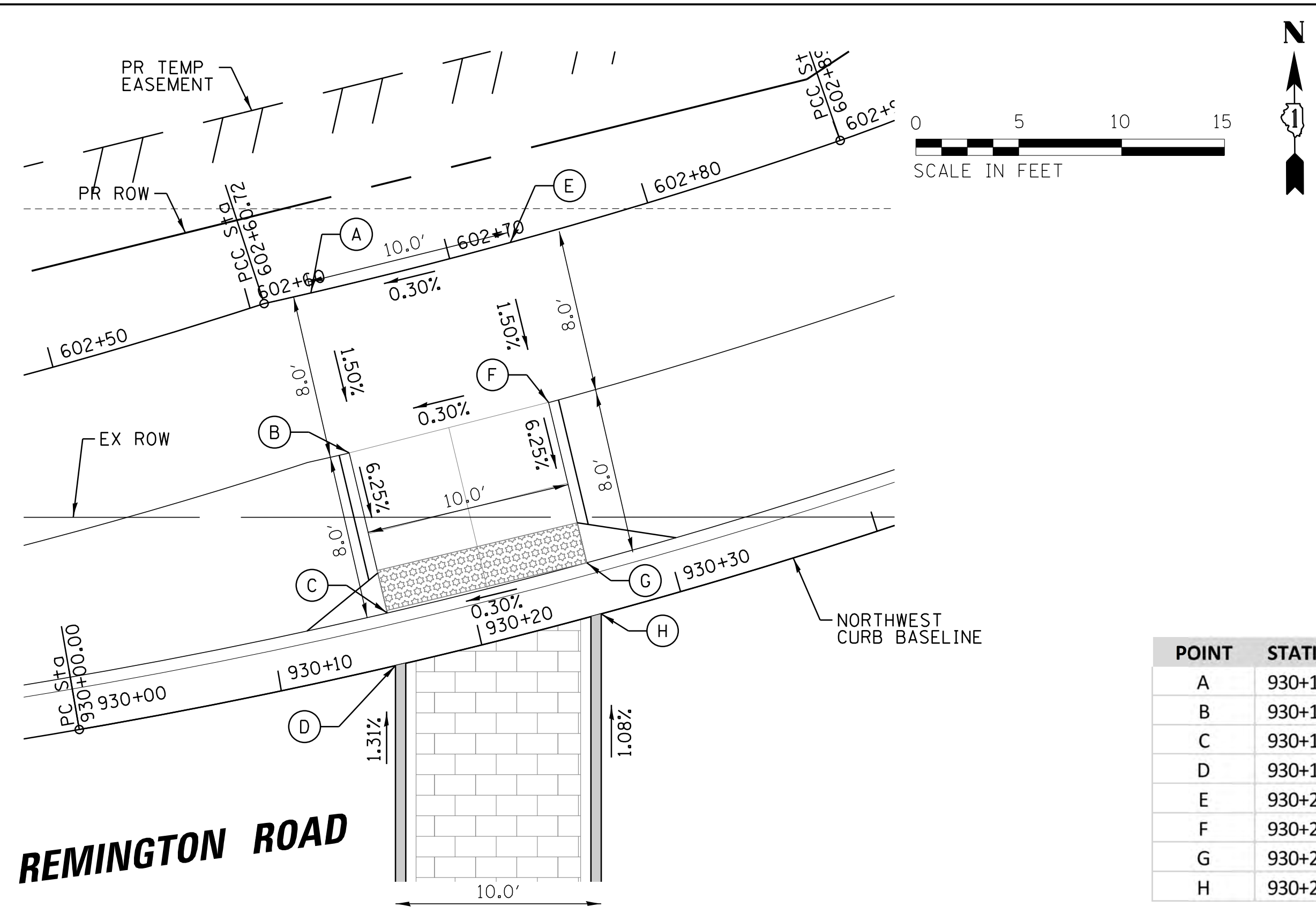
NORTHEAST QUADRANT

| | | | | |
|---|-----------------------|------------|----------------|-----------|
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| N:\SCHAUMBURG\150321\Cv\1\DET_ADA.REM_150321.05.SHT | | DRAWN - | VAR | REVISED - |
| Default | PLOT SCALE = 5' | CHECKED - | JGS | REVISED - |
| | PLOT DATE = 6/12/2018 | DATE - | 04/06/18 FINAL | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

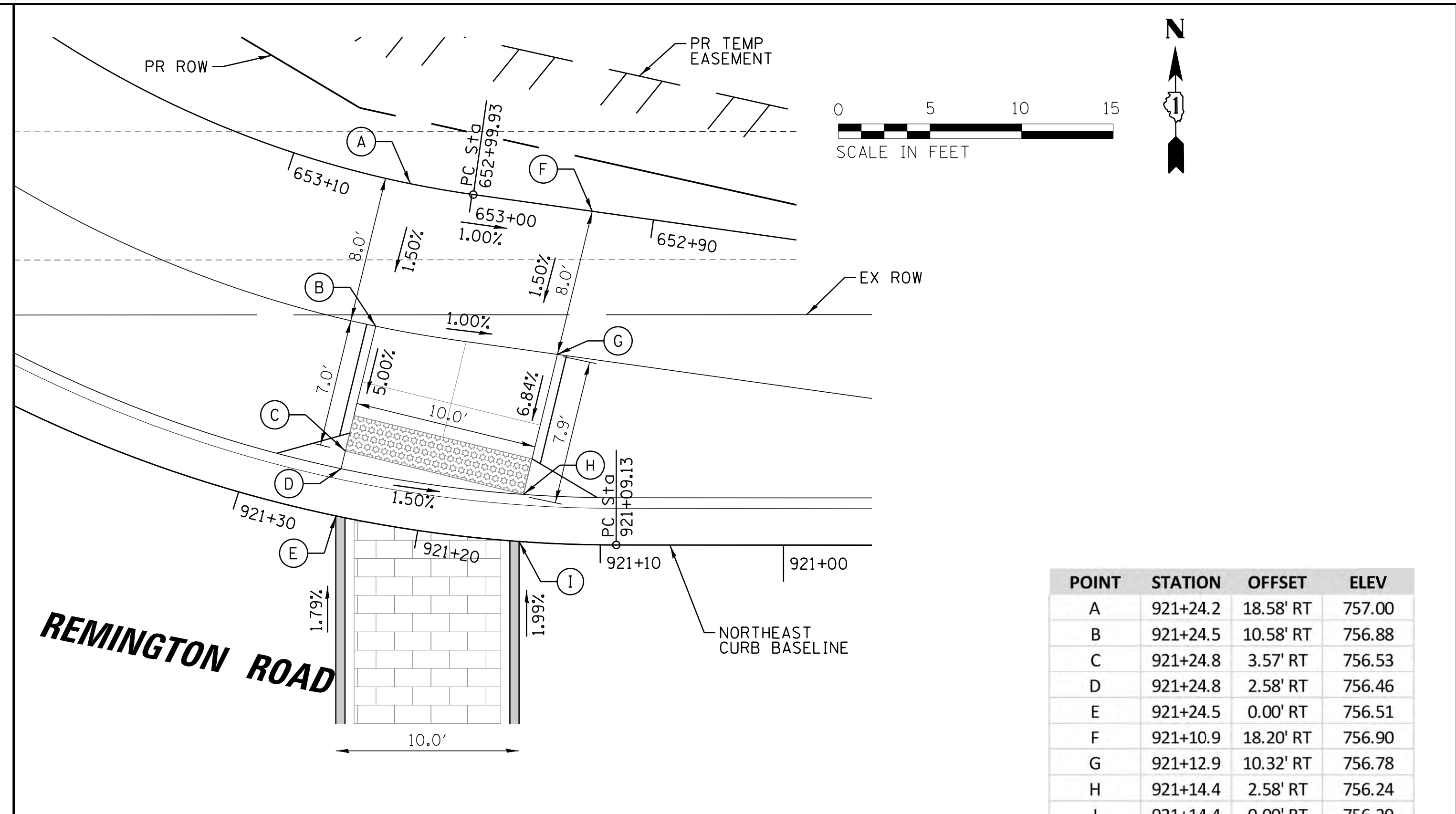
| | |
|---|-----------------------------------|
| PLUM GROVE ROAD AT REMINGTON ROAD CROSSWALK CONSTRUCTION DETAILS | |
| SCALE: 5' | SHEET 5 OF 14 SHEETS STA. TO STA. |

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 213 |
| CONTRACT NO. 61E16 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



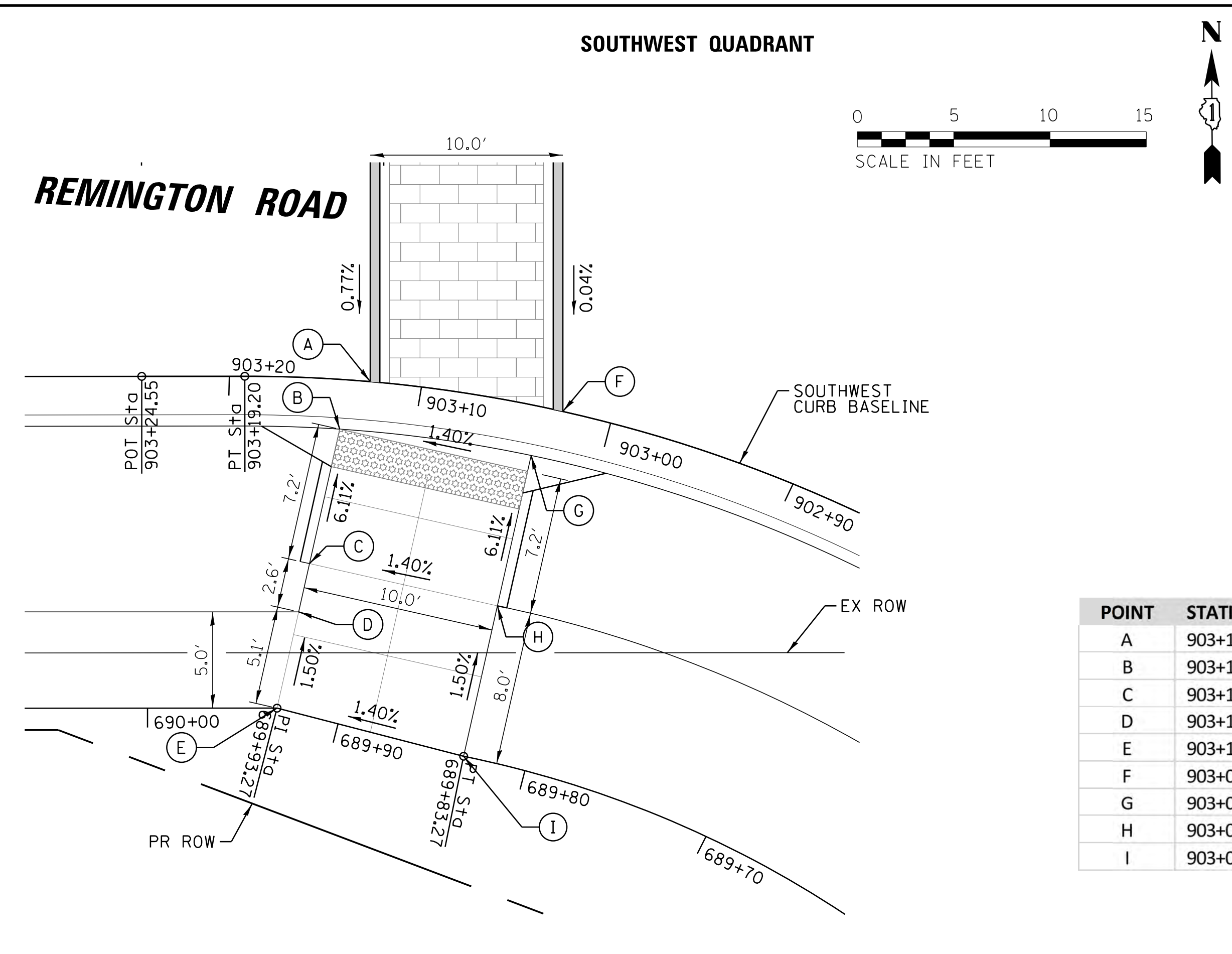
| POINT | STATION | OFFSET | ELEV |
|-------|----------|-----------|--------|
| A | 930+15.8 | 18.58' LT | 757.53 |
| B | 930+15.8 | 10.58' LT | 757.41 |
| C | 930+15.9 | 2.58' LT | 756.91 |
| D | 930+15.7 | 0.00' LT | 756.96 |
| E | 930+26.5 | 18.58' LT | 757.56 |
| F | 930+26.2 | 10.58' LT | 757.44 |
| G | 930+26.0 | 2.58' LT | 756.94 |
| H | 930+26.0 | 0.00' LT | 756.99 |

NORTHWEST QUADRANT



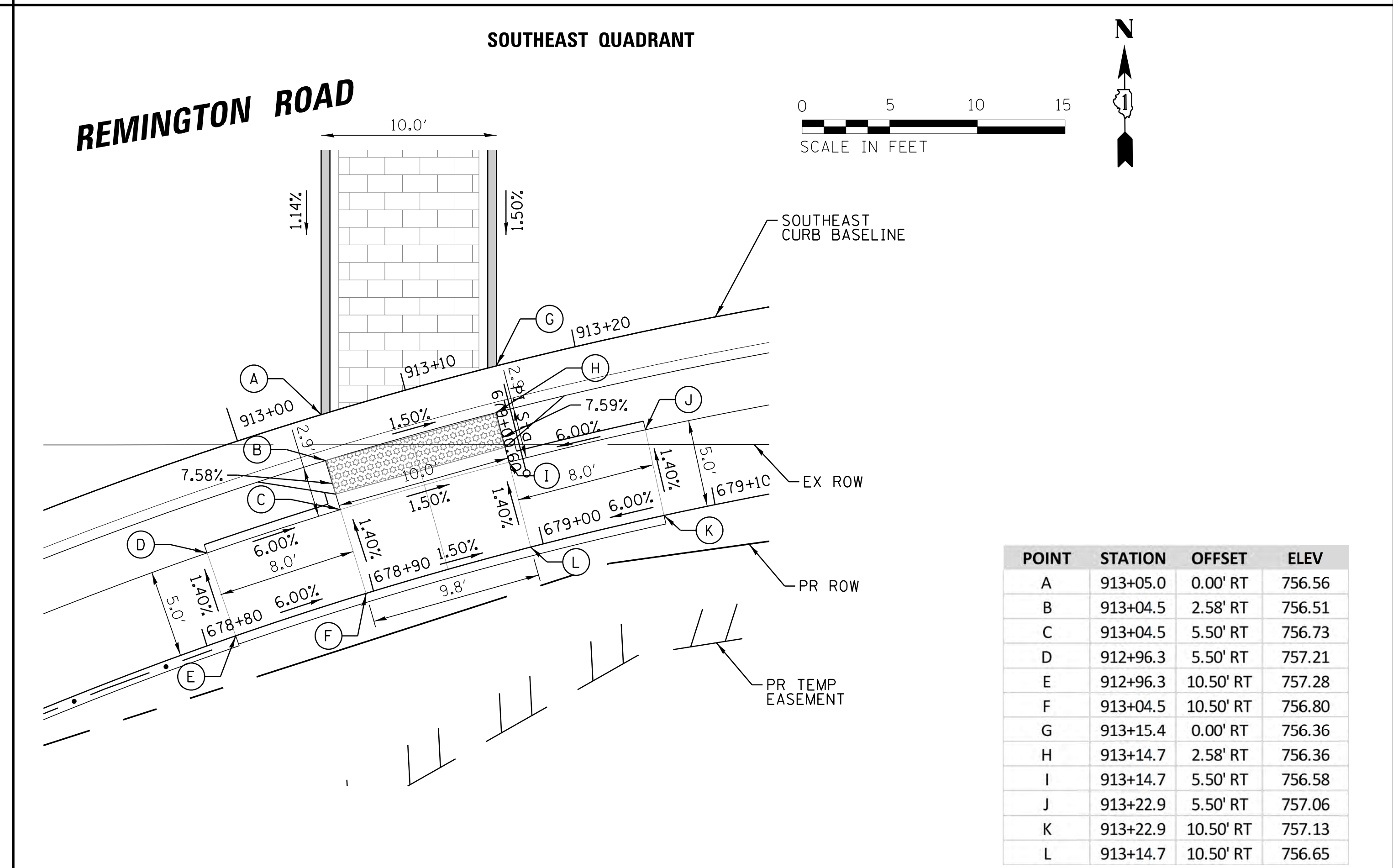
| POINT | STATION | OFFSET | ELEV |
|-------|----------|-----------|--------|
| A | 921+24.2 | 18.58' RT | 757.00 |
| B | 921+24.5 | 10.58' RT | 756.88 |
| C | 921+24.8 | 3.57' RT | 756.53 |
| D | 921+24.8 | 2.58' RT | 756.46 |
| E | 921+24.5 | 0.00' RT | 756.51 |
| F | 921+10.9 | 18.20' RT | 756.90 |
| G | 921+12.9 | 10.32' RT | 756.78 |
| H | 921+14.4 | 2.58' RT | 756.24 |
| I | 921+14.4 | 0.00' RT | 756.29 |

NORTHEAST QUADRANT



| POINT | STATION | OFFSET | ELEV |
|-------|----------|-----------|--------|
| A | 903+12.7 | 0.00' LT | 757.10 |
| B | 903+14.1 | 2.58' LT | 757.05 |
| C | 903+15.3 | 9.64' LT | 757.49 |
| D | 903+15.9 | 12.17' LT | 757.54 |
| E | 903+17.0 | 17.20' LT | 757.61 |
| F | 903+02.5 | 0.00' LT | 757.24 |
| G | 903+03.7 | 2.58' LT | 757.19 |
| H | 903+03.8 | 10.58' LT | 757.63 |
| I | 903+04.0 | 18.58' LT | 757.75 |

SOUTHWEST QUADRANT



| POINT | STATION | OFFSET | ELEV |
|-------|----------|-----------|--------|
| A | 913+05.0 | 0.00' RT | 756.56 |
| B | 913+04.5 | 2.58' RT | 756.51 |
| C | 913+04.5 | 5.50' RT | 756.73 |
| D | 912+96.3 | 5.50' RT | 757.21 |
| E | 912+96.3 | 10.50' RT | 757.28 |
| F | 913+04.5 | 10.50' RT | 756.80 |
| G | 913+15.4 | 0.00' RT | 756.36 |
| H | 913+14.7 | 2.58' RT | 756.36 |
| I | 913+14.7 | 5.50' RT | 756.58 |
| J | 913+22.9 | 5.50' RT | 757.06 |
| K | 913+22.9 | 10.50' RT | 757.13 |
| L | 913+14.7 | 10.50' RT | 756.65 |

SOUTHEAST QUADRANT

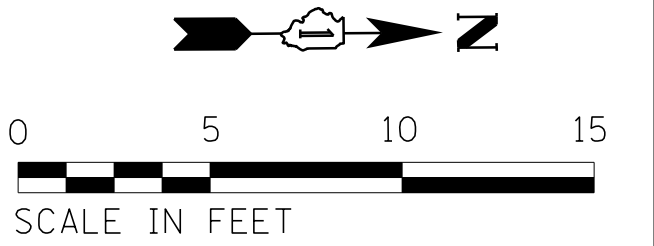
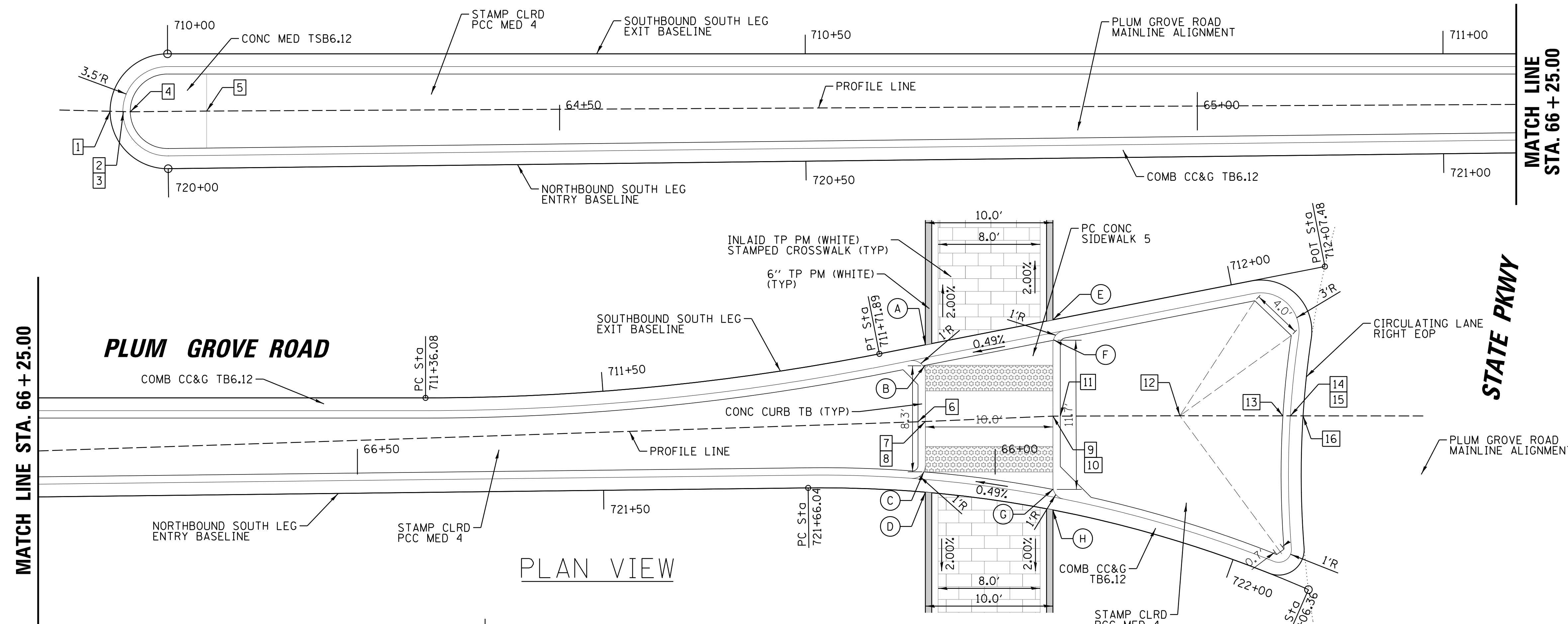
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 USER NAME = jmillr
 DESIGNED - BLL / DJK
 DRAWN - VAR
 CHECKED - JGS
 PLOT DATE = 6/12/2018
 REVISIONS:
 REVISION NO. | DATE | BY | DESCRIPTION
 1 | 04/06/18 | FINAL

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLUM GROVE ROAD AT REMINGTON ROAD
 CROSSWALK CONSTRUCTION DETAILS
 SCALE: 5' SHEET 6 OF 14 SHEETS STA. TO STA.

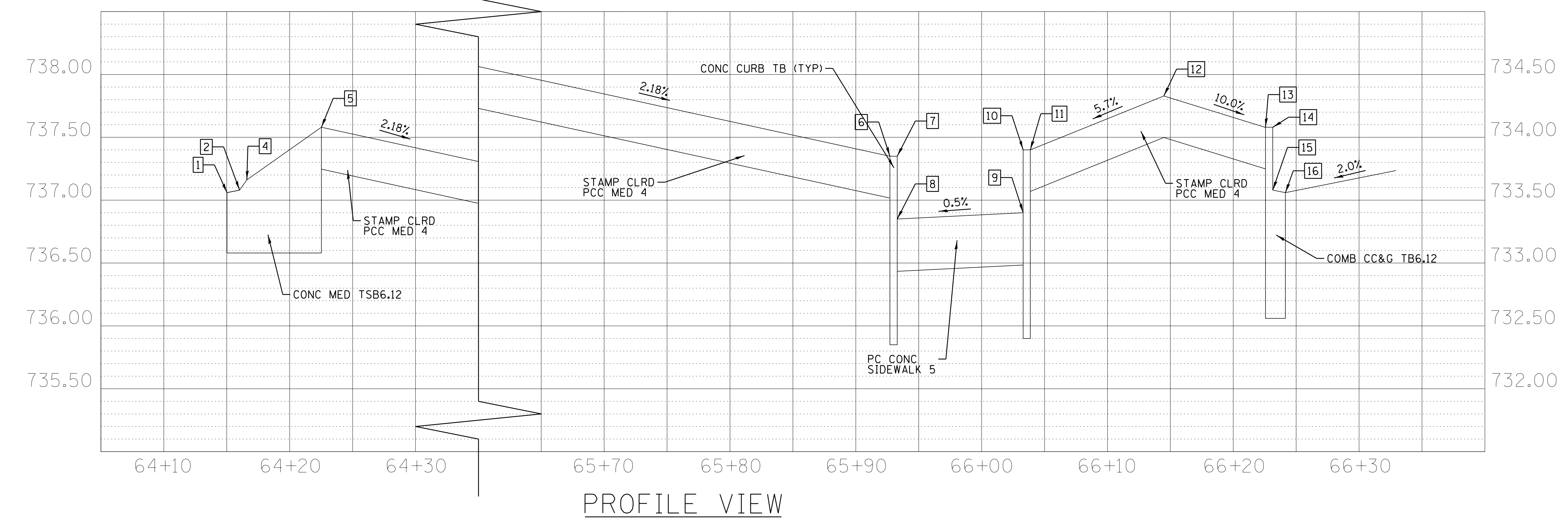
F.A.U. RT. 2582 SECTION 14-00115-01-PV COUNTY COOK TOTAL SHEETS 274 SHEET NO. 214 CONTRACT NO. 61E16 ILLINOIS FED. AID PROJECT

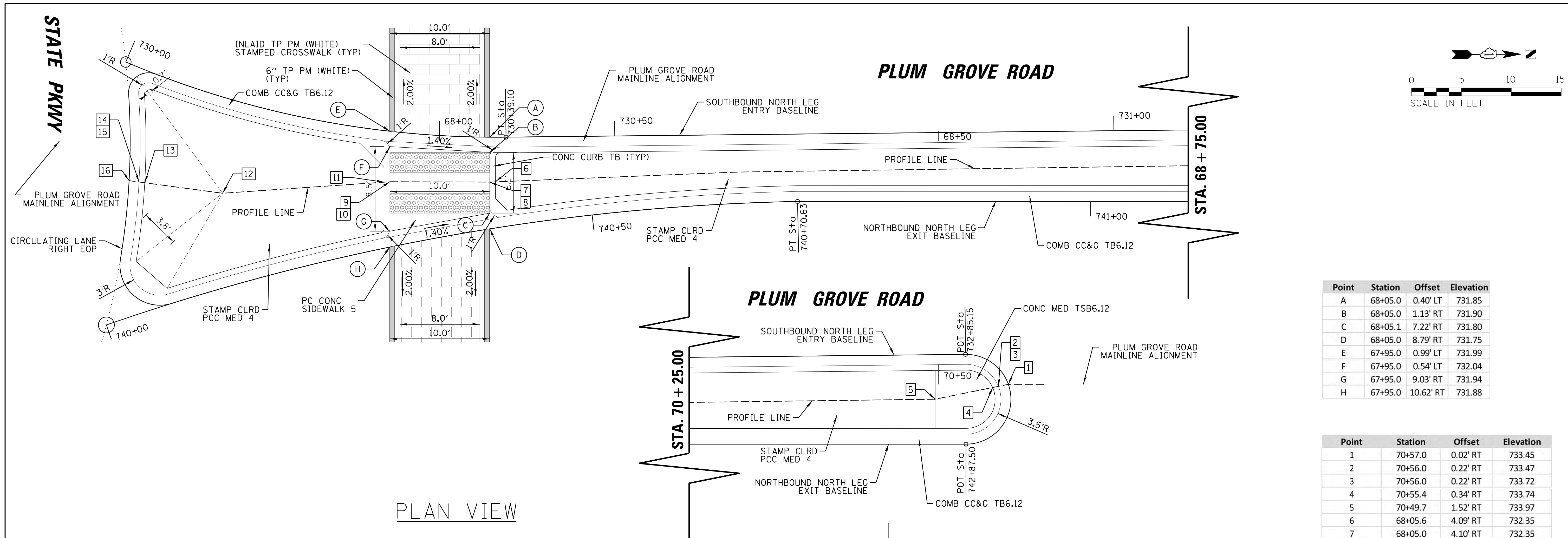
PLUM GROVE ROAD



| Point | Station | Offset | Elevation |
|-------|---------|-----------|-----------|
| A | 65+94.5 | 10.13' LT | 733.25 |
| B | 65+94.5 | 8.55' LT | 733.30 |
| C | 65+94.5 | 0.19' LT | 733.40 |
| D | 65+94.5 | 1.39' RT | 733.37 |
| E | 66+04.5 | 12.12' LT | 733.30 |
| F | 66+04.6 | 10.52' LT | 733.35 |
| G | 66+04.6 | 1.18' RT | 733.45 |
| H | 66+04.5 | 2.79' RT | 733.40 |

| Point | Station | Offset | Elevation |
|-------|---------|----------|-----------|
| 1 | 64+14.8 | 1.50' LT | 737.06 |
| 2 | 64+15.8 | 1.47' LT | 737.08 |
| 3 | 64+15.8 | 1.47' LT | 737.33 |
| 4 | 64+16.3 | 1.46' LT | 737.35 |
| 5 | 64+22.3 | 1.52' LT | 737.58 |
| 6 | 65+94.0 | 4.32' LT | 733.85 |
| 7 | 65+94.6 | 4.36' LT | 733.85 |
| 8 | 65+94.6 | 4.36' LT | 733.35 |
| 9 | 66+04.6 | 4.77' LT | 733.40 |
| 10 | 66+04.6 | 4.77' LT | 733.90 |
| 11 | 66+05.1 | 4.77' LT | 733.90 |
| 12 | 66+14.5 | 4.79' LT | 734.33 |
| 13 | 66+22.6 | 4.79' LT | 734.08 |
| 14 | 66+23.2 | 4.79' LT | 734.08 |
| 15 | 66+23.2 | 4.79' LT | 733.58 |
| 16 | 66+24.2 | 4.78' LT | 733.56 |

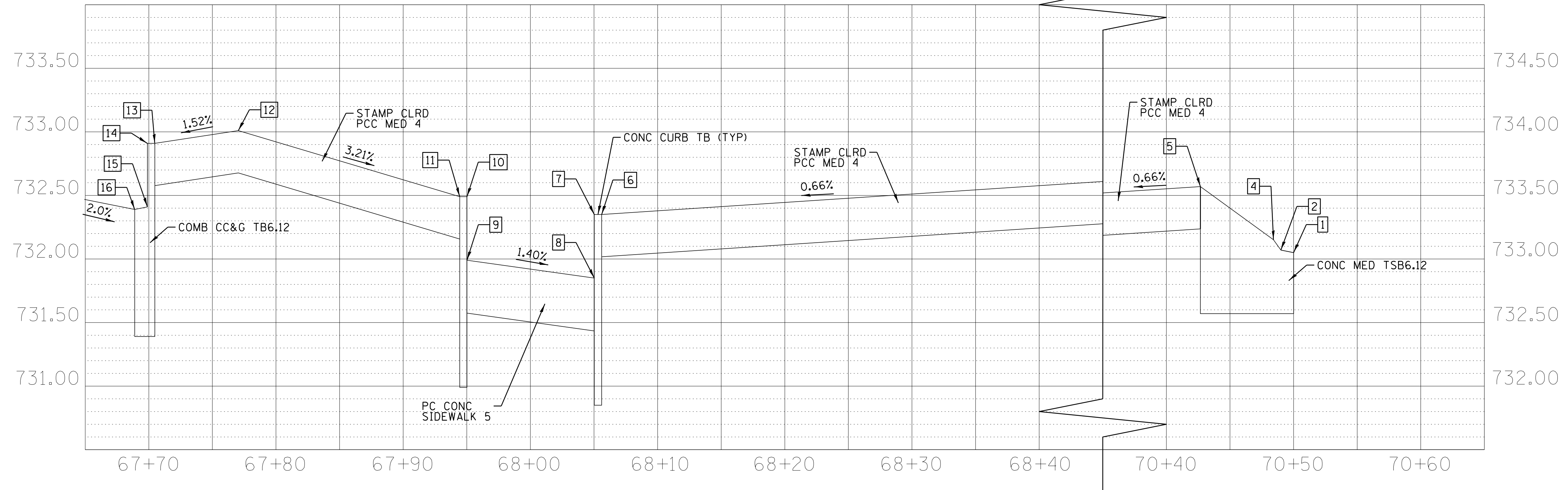




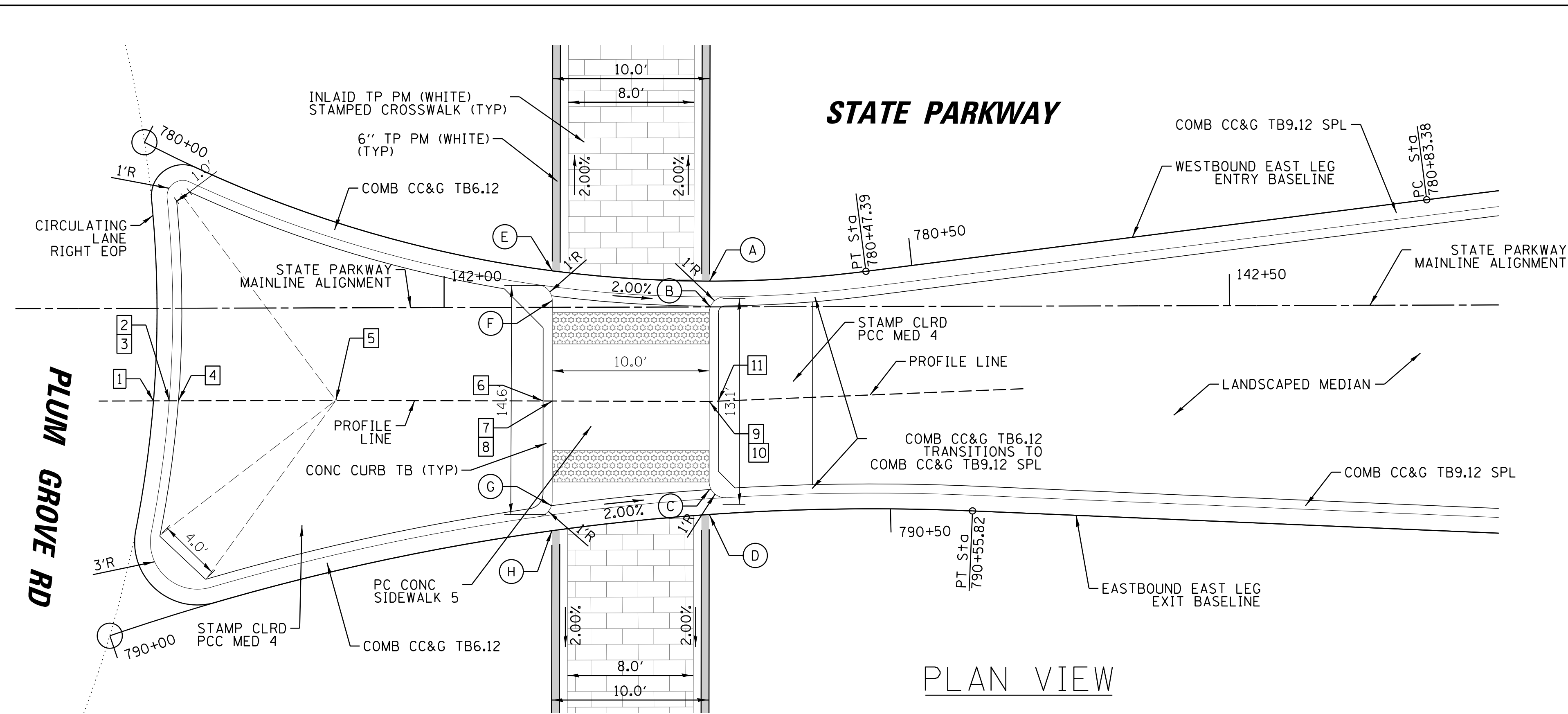
PLAN VIEW

| Point | Station | Offset | Elevation |
|-------|---------|-----------|-----------|
| A | 68+05.0 | 0.40' LT | 731.85 |
| B | 68+05.0 | 1.13' RT | 731.90 |
| C | 68+05.1 | 7.22' RT | 731.80 |
| D | 68+05.0 | 8.79' RT | 731.75 |
| E | 67+95.0 | 0.99' LT | 731.99 |
| F | 67+95.0 | 0.54' LT | 732.04 |
| G | 67+95.0 | 9.03' RT | 731.94 |
| H | 67+95.0 | 10.62' RT | 731.88 |

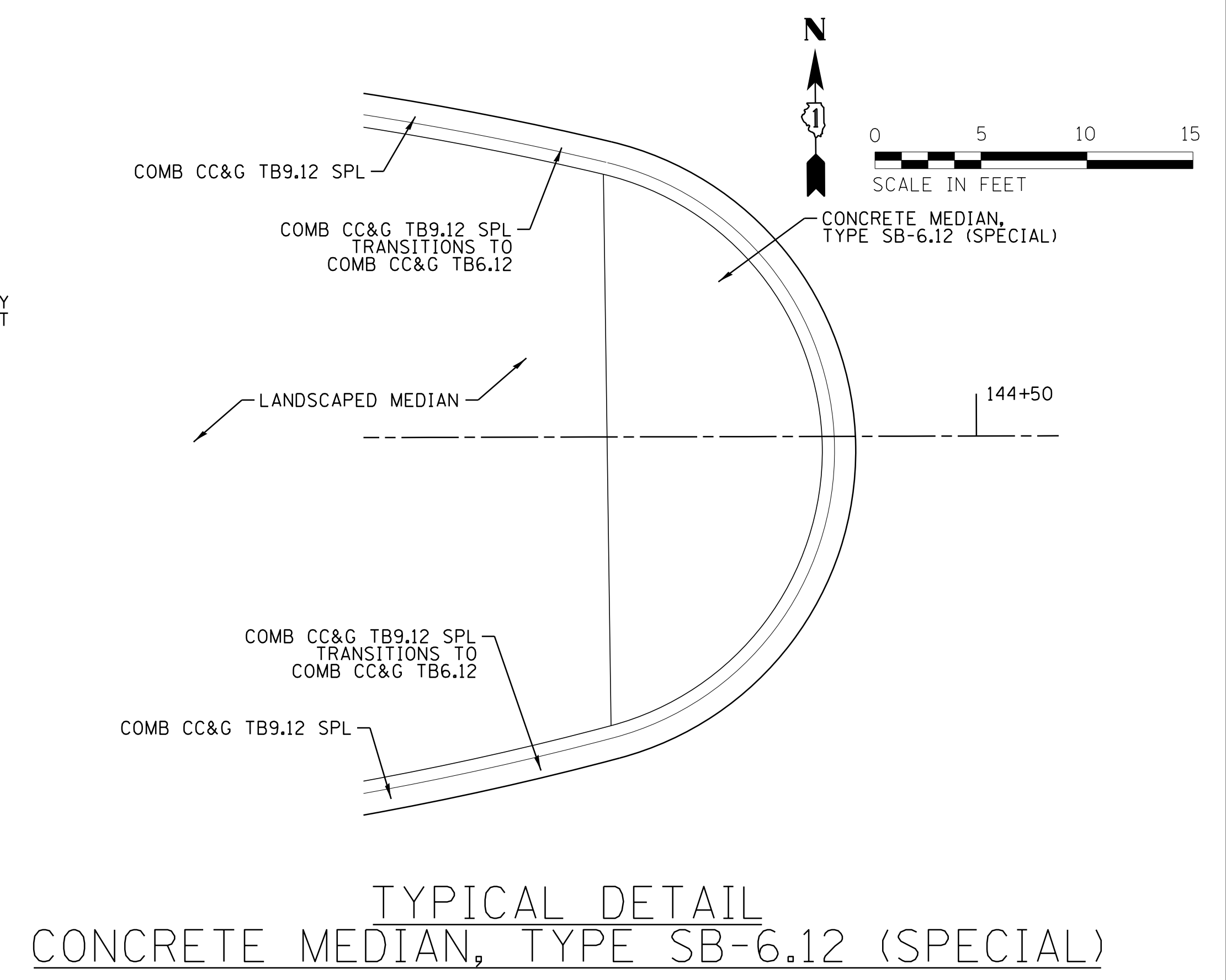
| Point | Station | Offset | Elevation |
|-------|---------|----------|-----------|
| 1 | 70+57.0 | 0.02' RT | 733.45 |
| 2 | 70+56.0 | 0.22' RT | 733.47 |
| 3 | 70+56.0 | 0.22' RT | 733.72 |
| 4 | 70+55.4 | 0.34' RT | 733.74 |
| 5 | 70+49.7 | 1.52' RT | 733.97 |
| 6 | 68+05.6 | 4.09' RT | 732.35 |
| 7 | 68+05.0 | 4.10' RT | 732.35 |
| 8 | 68+05.0 | 4.10' RT | 731.85 |
| 9 | 67+95.0 | 4.07' RT | 731.99 |
| 10 | 67+95.0 | 4.07' RT | 732.49 |
| 11 | 67+94.4 | 4.11' RT | 732.49 |
| 12 | 67+78.3 | 5.22' RT | 733.01 |
| 13 | 67+70.5 | 4.17' RT | 732.91 |
| 14 | 67+69.9 | 4.10' RT | 732.91 |
| 15 | 67+69.9 | 4.10' RT | 732.41 |
| 16 | 67+68.9 | 3.96' RT | 732.39 |



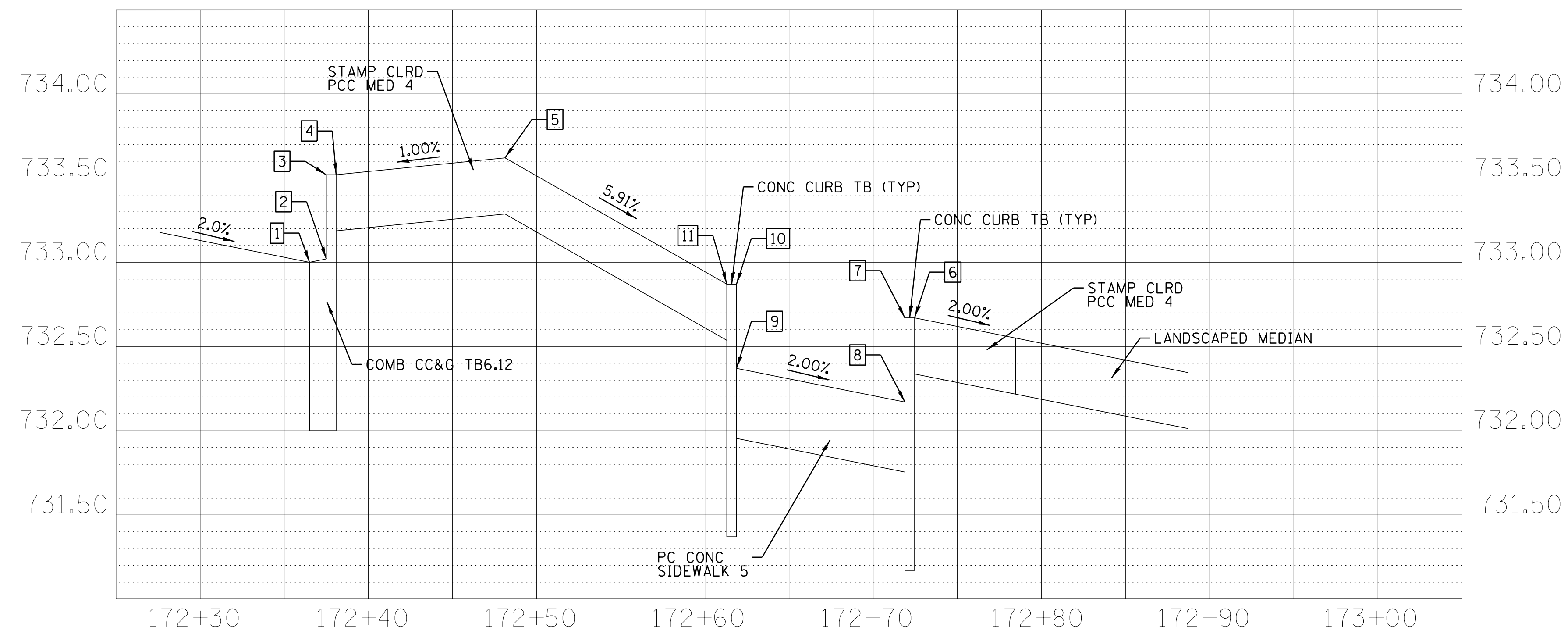
PROFILE VIEW



PLAN VIEW



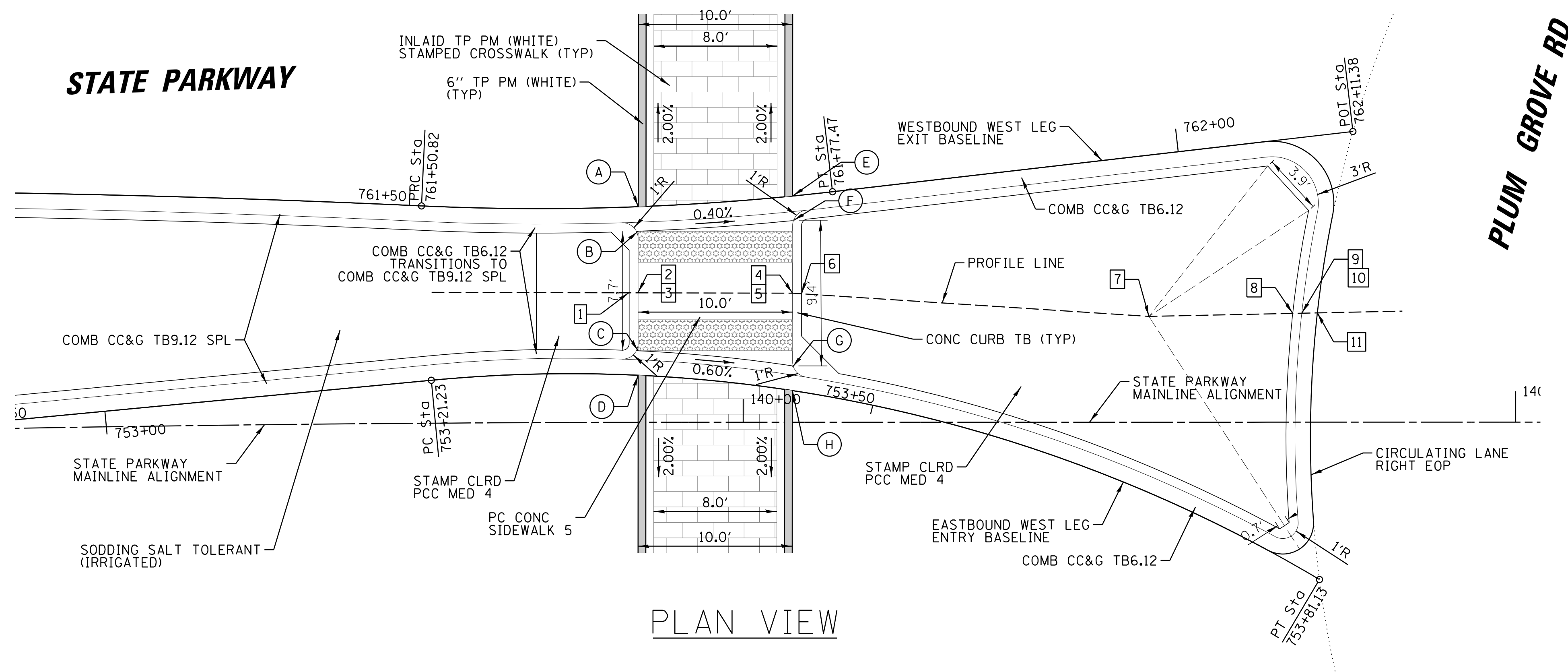
TYPICAL DETAIL
CONCRETE MEDIAN, TYPE SB-6.12 (SPECIAL)



PROFILE VIEW

| Point | Station | Offset | Elevation |
|-------|----------|-----------|-----------|
| A | 142+16.9 | 1.64' LT | 732.17 |
| B | 142+17.0 | 0.08' LT | 732.21 |
| C | 142+17.0 | 11.62' RT | 732.15 |
| D | 142+16.9 | 13.21' RT | 732.11 |
| E | 142+06.9 | 2.32' LT | 732.36 |
| F | 142+06.8 | 0.73' LT | 732.40 |
| G | 142+06.8 | 12.63' RT | 732.35 |
| H | 142+06.8 | 14.22' RT | 732.31 |

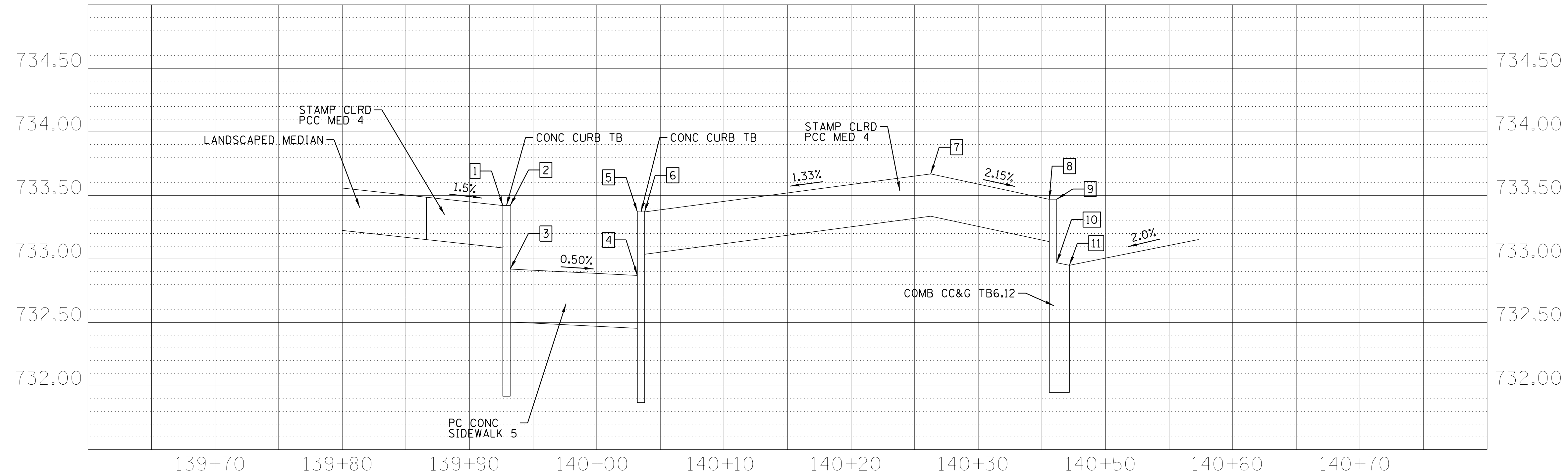
| Point | Station | Offset | Elevation |
|-------|----------|----------|-----------|
| 1 | 141+81.5 | 5.90' RT | 733.00 |
| 2 | 141+82.5 | 5.89' RT | 733.02 |
| 3 | 141+82.5 | 5.89' RT | 733.52 |
| 4 | 141+83.1 | 5.89' RT | 733.52 |
| 5 | 141+93.1 | 5.89' RT | 733.65 |
| 6 | 142+06.3 | 5.96' RT | 732.87 |
| 7 | 142+06.9 | 5.96' RT | 732.87 |
| 8 | 142+06.9 | 5.96' RT | 732.37 |
| 9 | 142+16.9 | 6.02' RT | 732.18 |
| 10 | 142+16.9 | 6.02' RT | 732.68 |
| 11 | 142+17.5 | 6.00' RT | 732.68 |



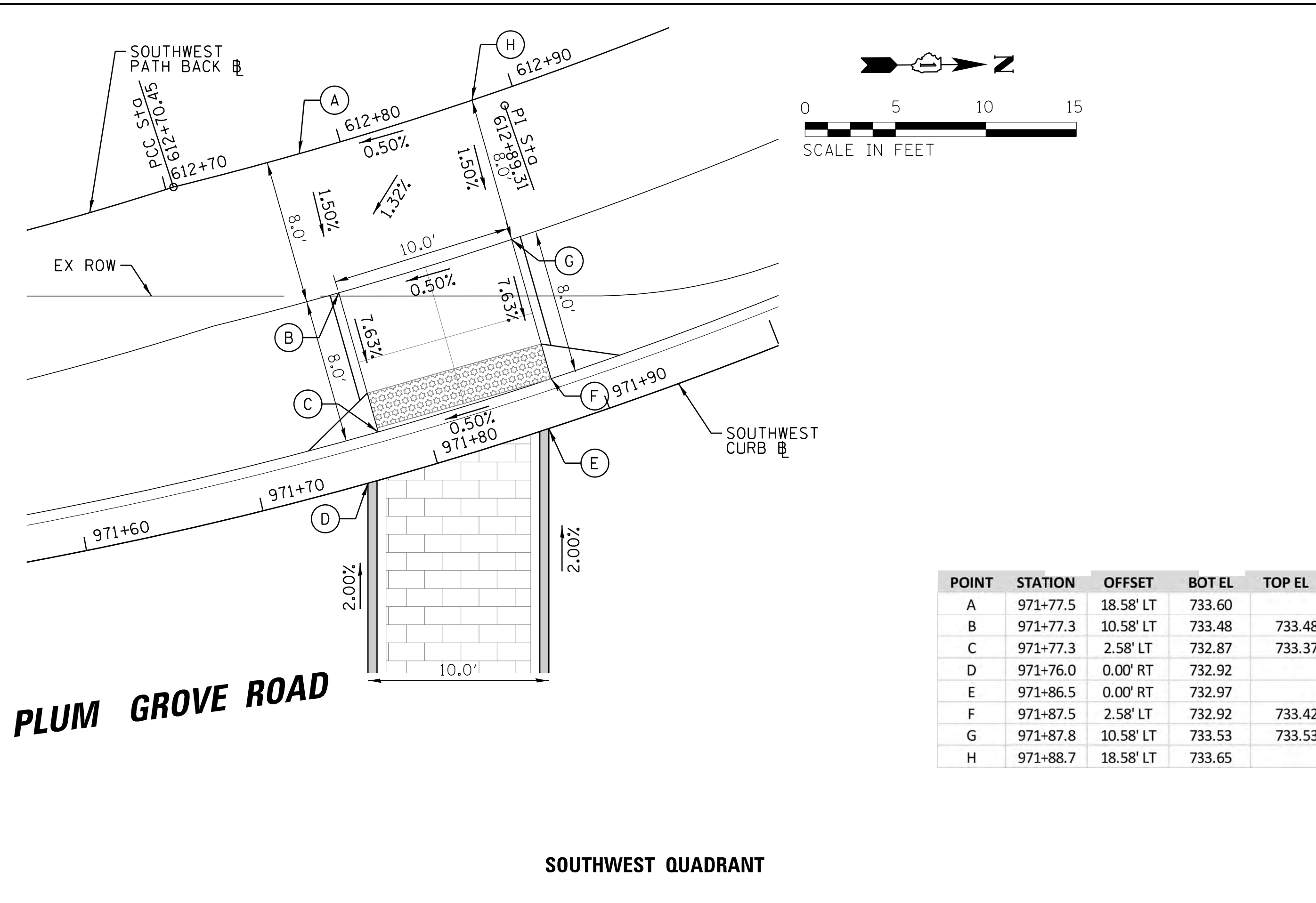
| Point | Station | Offset | Elevation |
|-------|----------|-----------|-----------|
| A | 139+93.2 | 13.95' LT | 732.73 |
| B | 139+93.2 | 12.36' LT | 732.77 |
| C | 139+93.2 | 4.63' LT | 733.04 |
| D | 139+93.2 | 3.05' LT | 733.00 |
| E | 140+03.2 | 14.63' LT | 732.69 |
| F | 140+03.3 | 13.05' LT | 732.73 |
| G | 140+03.2 | 3.64' LT | 732.98 |
| H | 140+03.2 | 2.05' LT | 732.94 |

| Point | Station | Offset | Elevation |
|-------|----------|----------|-----------|
| 1 | 139+92.6 | 8.38' LT | 733.40 |
| 2 | 139+93.2 | 8.40' LT | 733.40 |
| 3 | 139+93.2 | 8.40' LT | 732.90 |
| 4 | 140+03.2 | 8.35' LT | 732.86 |
| 5 | 140+03.2 | 8.35' LT | 733.36 |
| 6 | 140+03.8 | 8.31' LT | 733.36 |
| 7 | 140+26.3 | 6.85' LT | 733.67 |
| 8 | 140+35.6 | 7.04' LT | 733.47 |
| 9 | 140+36.2 | 7.05' LT | 733.47 |
| 10 | 140+36.2 | 7.05' LT | 732.97 |
| 11 | 140+37.2 | 7.07' LT | 732.95 |

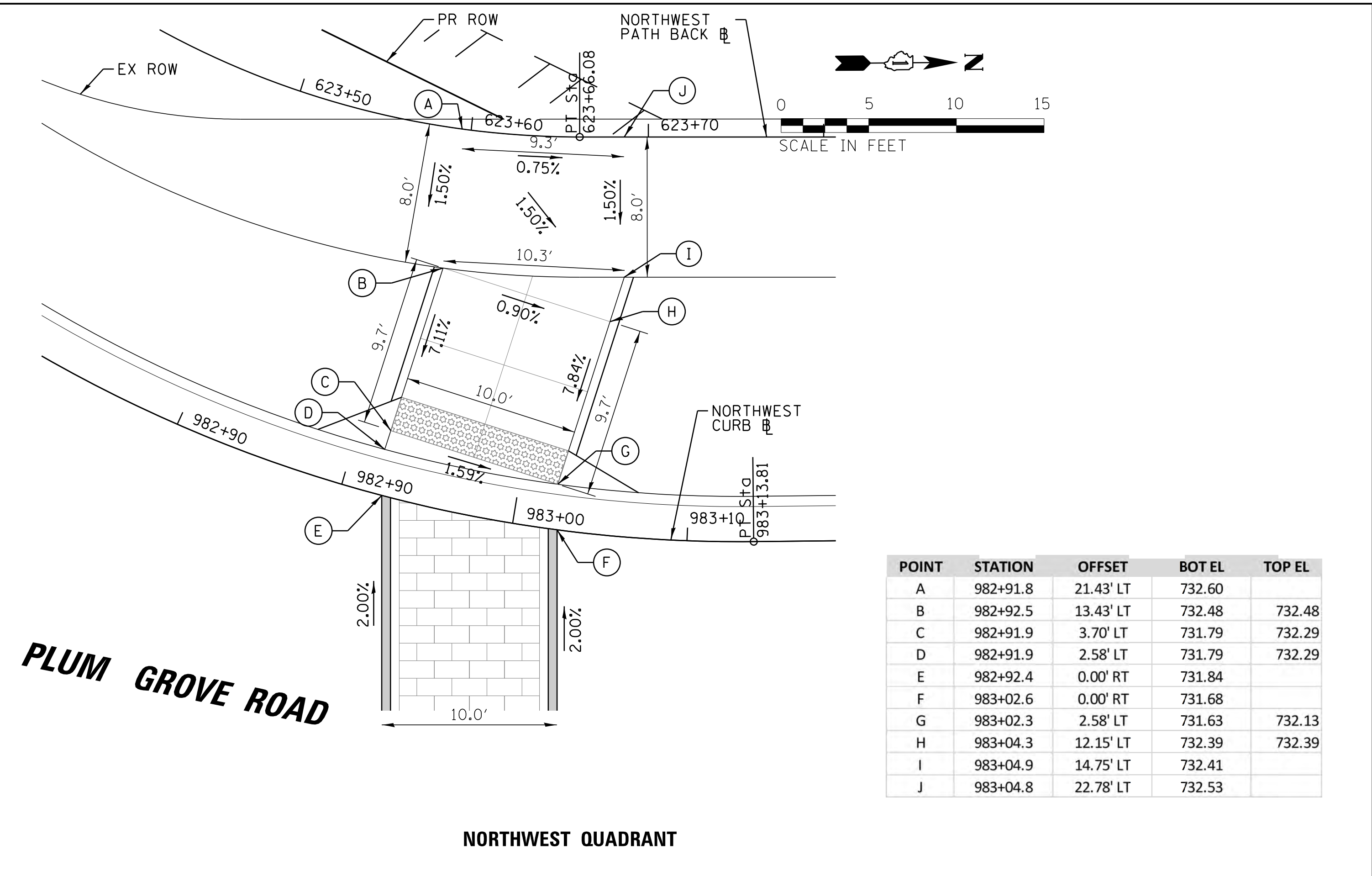
PLAN VIEW



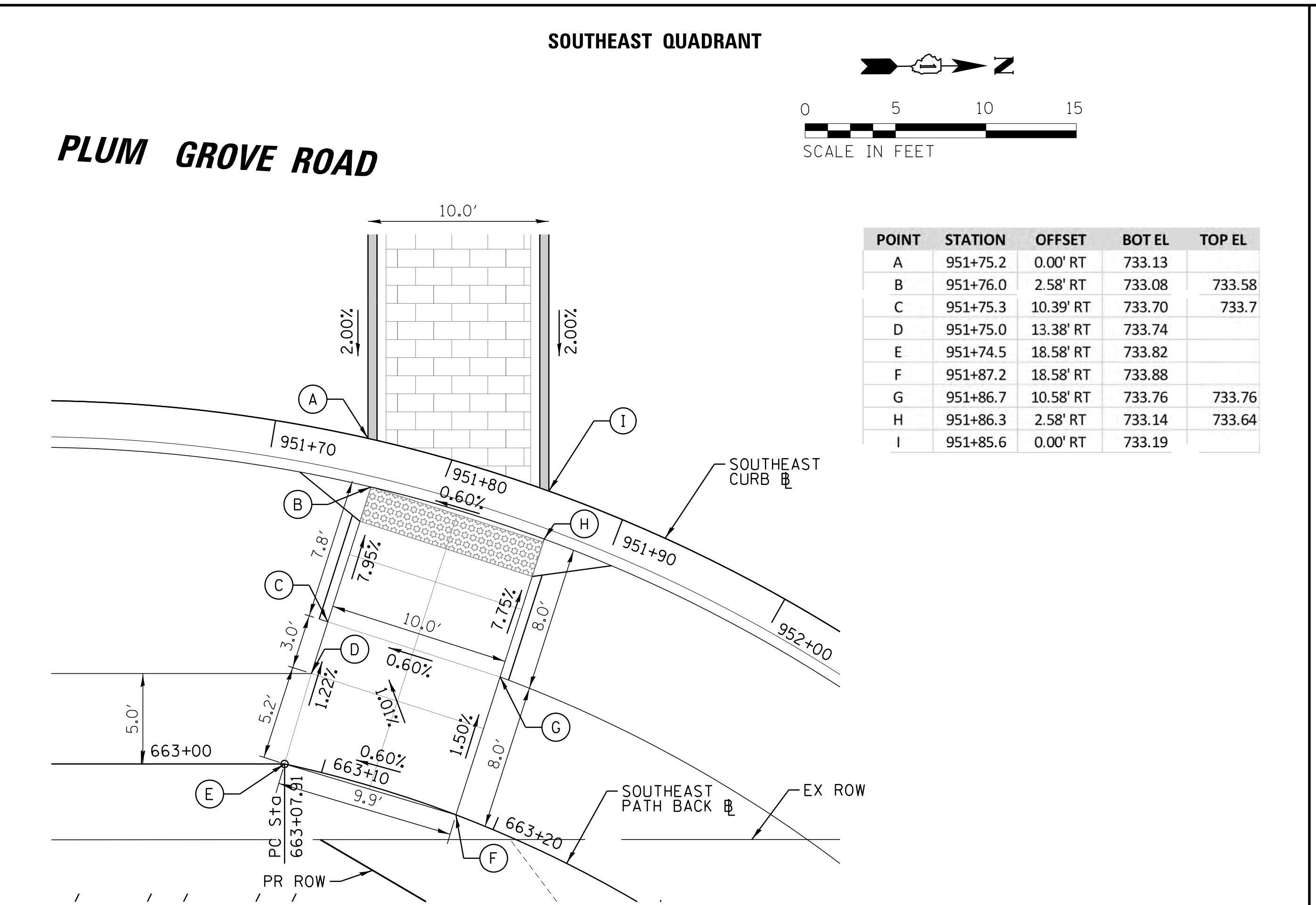
PROFILE VIEW



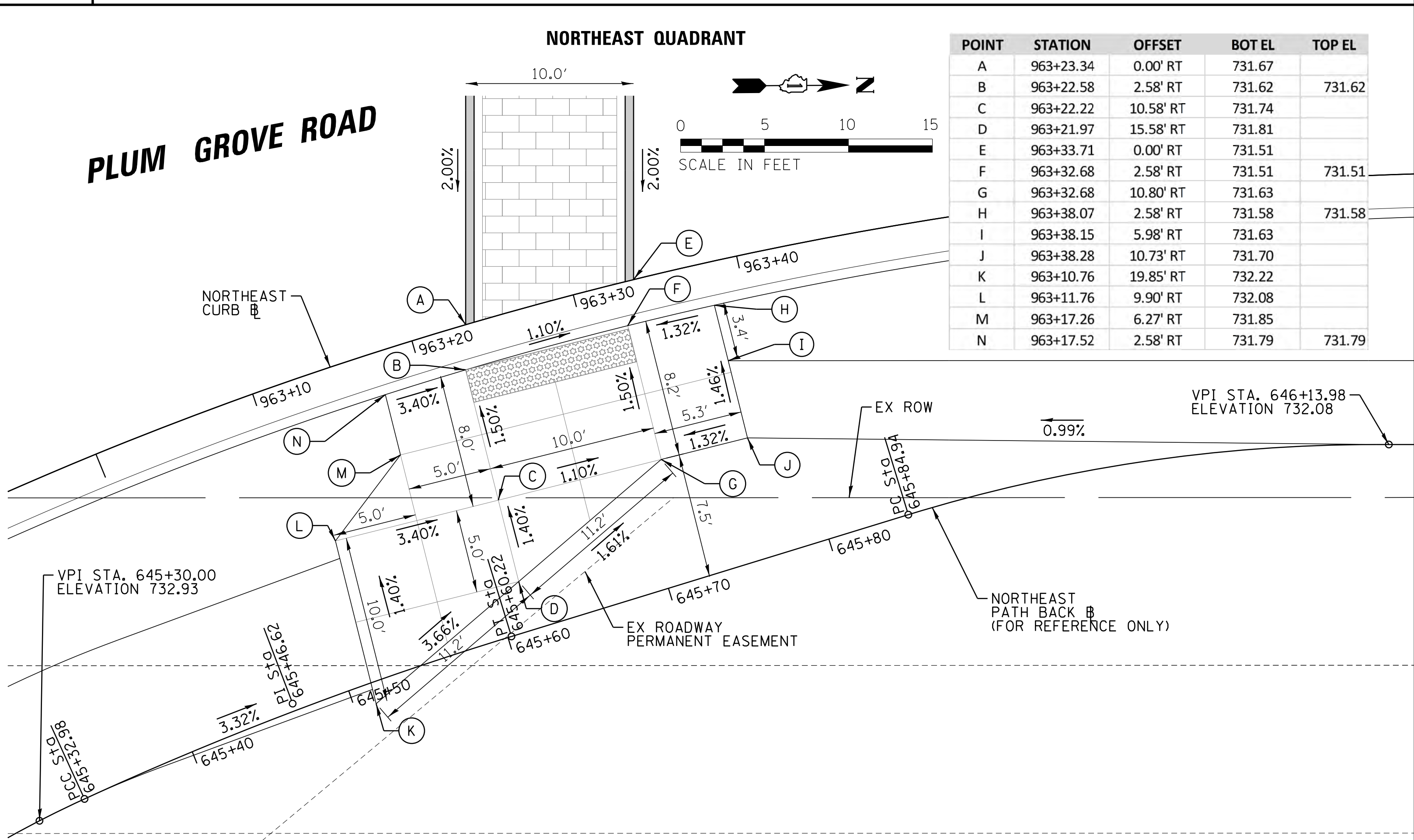
SOUTHWEST QUADRANT



NORTHWEST QUADRANT



SOUTHEAST QUADRANT



NORTHEAST QUADRANT

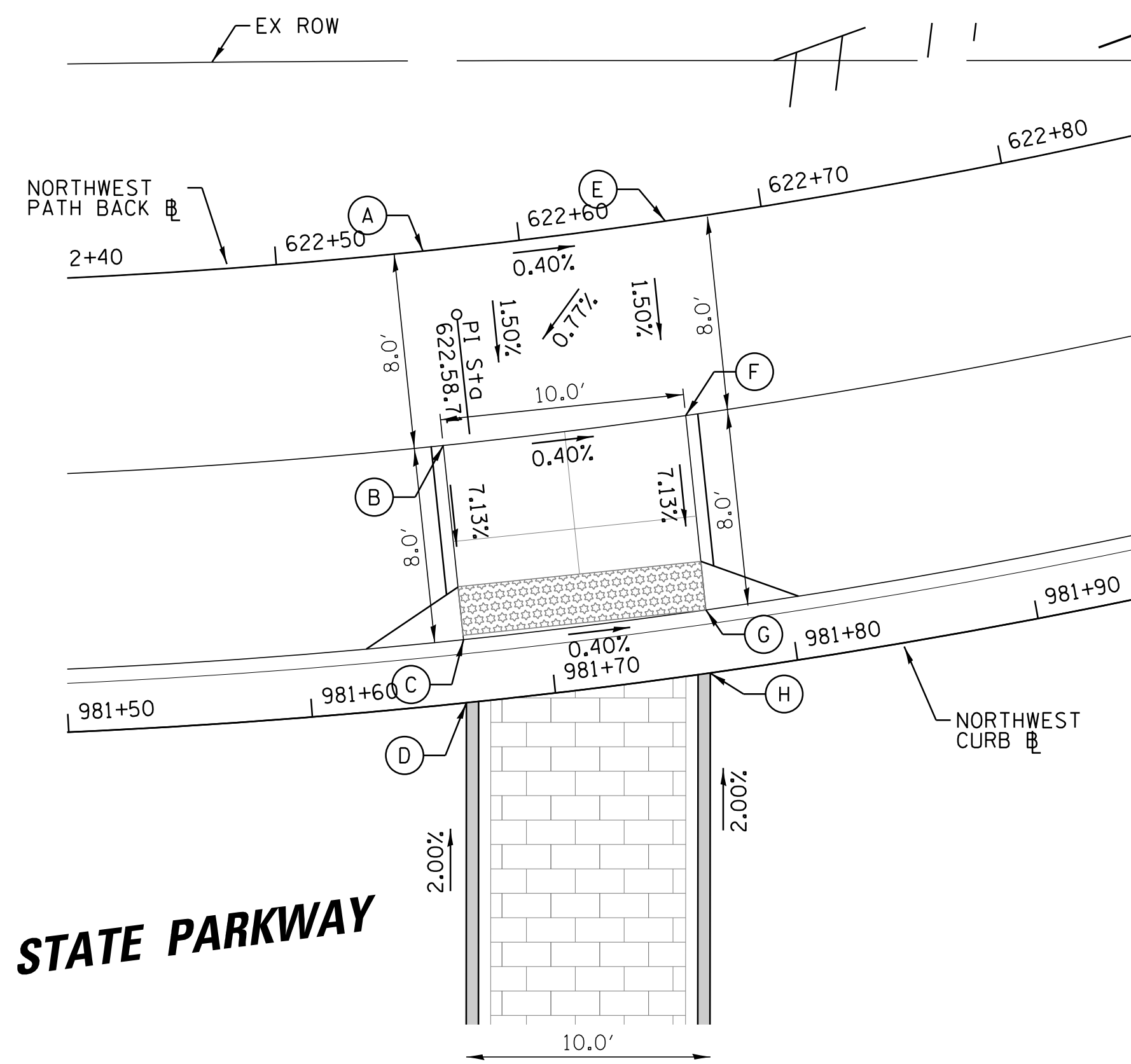
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|---|-----------------------|------------|----------------|-----------|
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| N:\SCHAUMBURG\150321\Cv\1\DET_ADA.STATE | 150321.11.SHT | DRAWN - | VAR | REVISED - |
| Default | PLOT SCALE = 5' | CHECKED - | JGS | REVISED - |
| | PLOT DATE = 6/12/2018 | DATE - | 04/06/18 FINAL | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLUM GROVE ROAD AT STATE PARKWAY
CROSSWALK CONSTRUCTION DETAILS

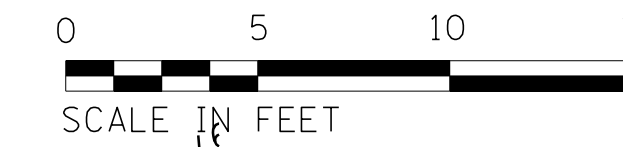
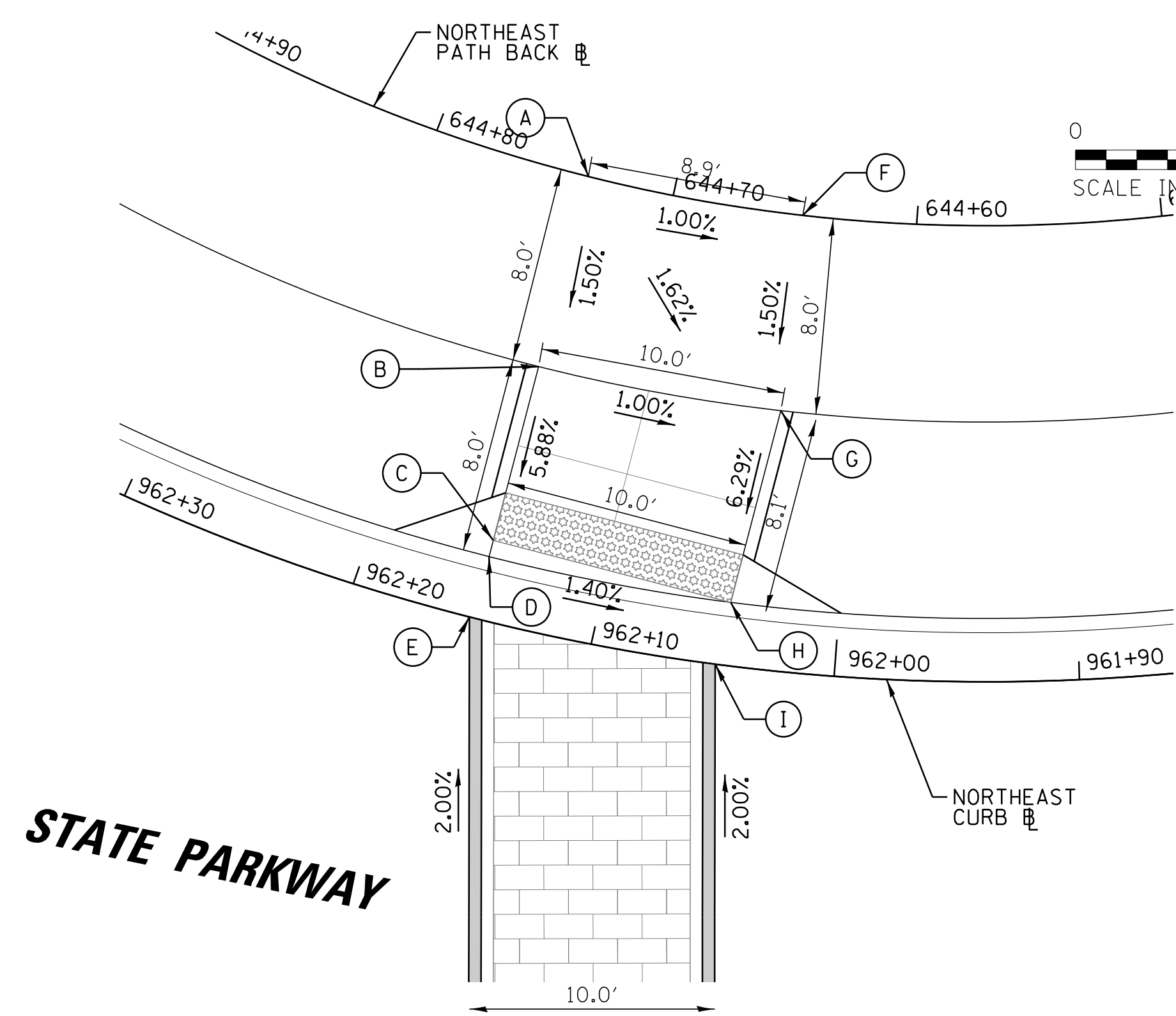
SCALE: 5' SHEET 11 OF 14 SHEETS STA. TO STA.

| | | | | |
|--------------------|----------------|--------|---------------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 219 |
| CONTRACT NO. 61E16 | | | ILLINOIS FED. AID PROJECT | |



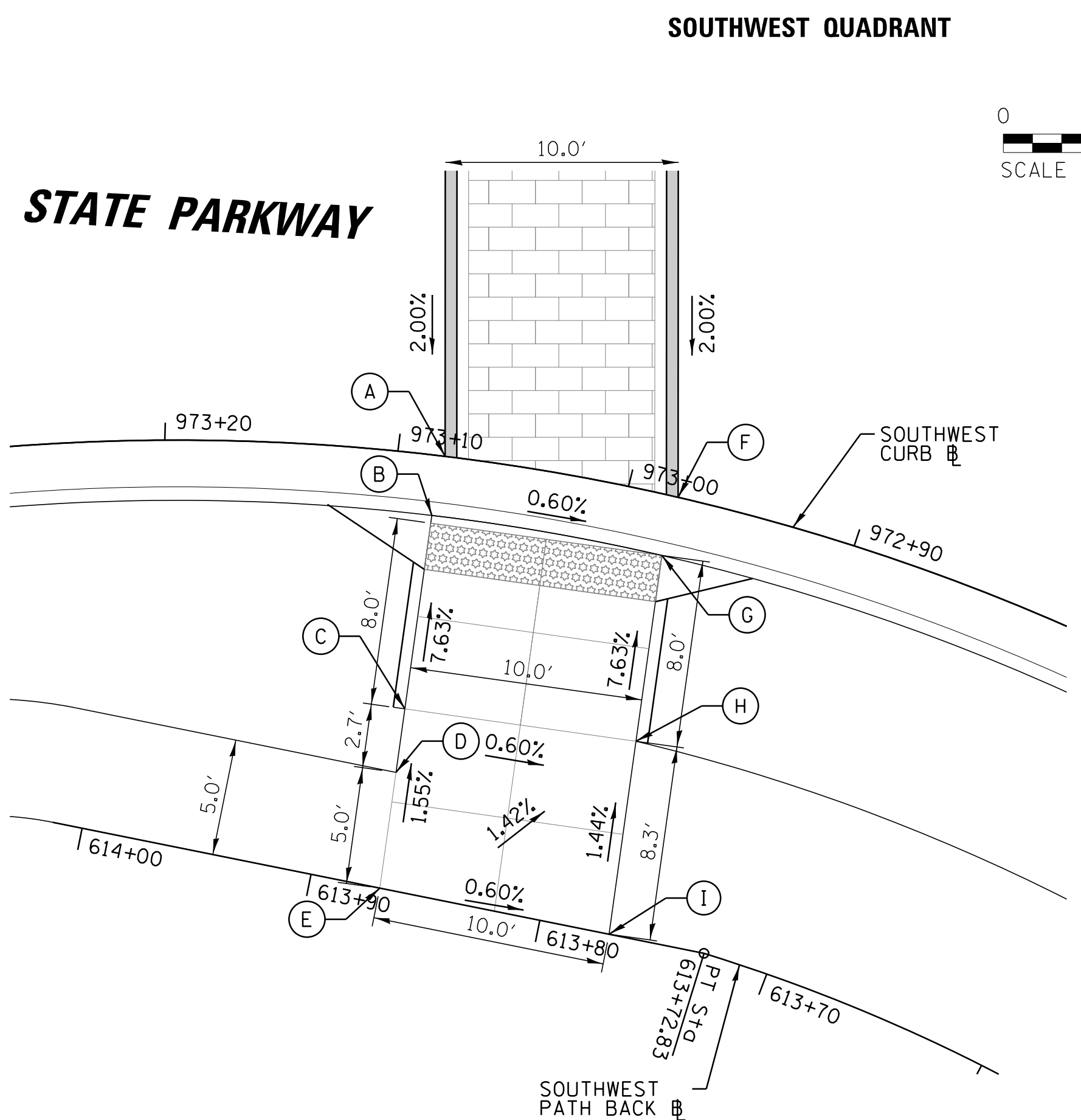
| POINT | STATION | OFFSET | BOT EL | TOP EL |
|-------|----------|-----------|--------|--------|
| A | 981+66.4 | 18.58' LT | 732.97 | |
| B | 981+66.5 | 10.58' LT | 732.85 | 732.85 |
| C | 981+66.5 | 2.58' LT | 732.28 | 732.78 |
| D | 981+66.3 | 0.00' RT | 732.33 | |
| E | 981+77.1 | 18.58' LT | 732.93 | |
| F | 981+76.9 | 10.58' LT | 732.81 | 732.81 |
| G | 981+76.6 | 2.58' LT | 732.24 | 732.74 |
| H | 981+76.4 | 0.00' RT | 732.29 | |

NORTHWEST QUADRANT



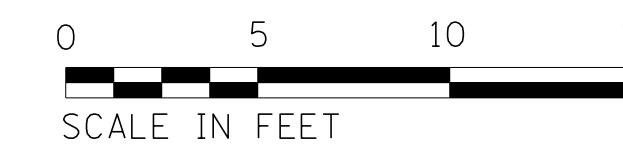
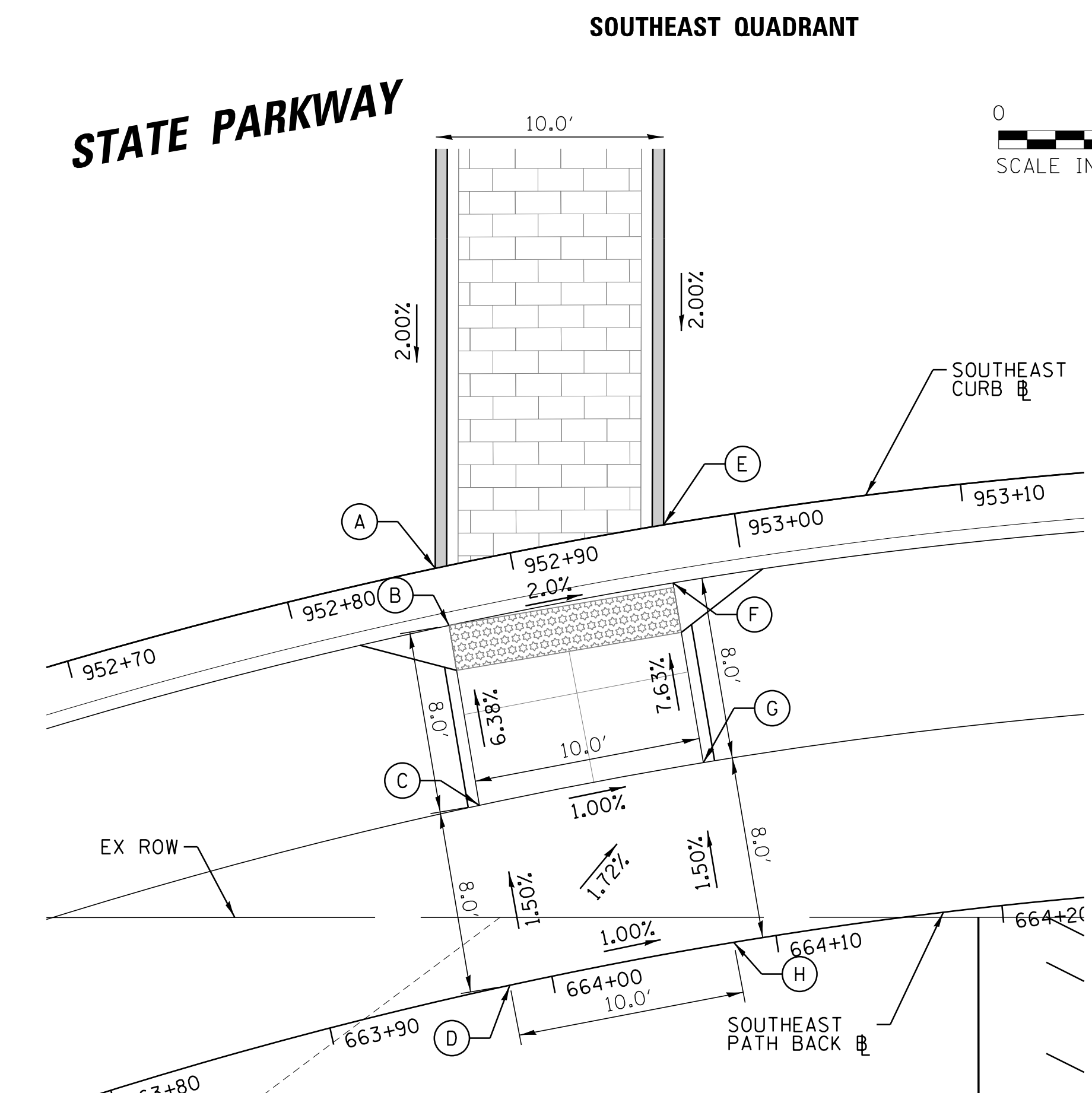
| POINT | STATION | OFFSET | BOT EL | TOP EL |
|-------|----------|-----------|--------|--------|
| A | 964+76.3 | 18.58' RT | 732.62 | |
| B | 964+76.1 | 10.58' RT | 732.50 | 732.50 |
| C | 964+76.2 | 3.27' RT | 732.03 | 732.52 |
| D | 964+76.2 | 2.58' RT | 732.03 | 732.53 |
| E | 964+76.4 | 0.00' RT | 732.08 | |
| F | 964+63.7 | 18.58' RT | 732.52 | |
| G | 964+64.7 | 10.58' RT | 732.40 | 732.40 |
| H | 964+65.9 | 2.58' RT | 731.89 | 732.39 |
| I | 964+66.2 | 0.00' RT | 731.89 | |

NORTHEAST QUADRANT



| POINT | STATION | OFFSET | BOT EL | TOP EL |
|-------|----------|-----------|--------|--------|
| A | 973+08.0 | 0.00' RT | 732.66 | |
| B | 973+08.2 | 2.58' LT | 732.61 | 733.11 |
| C | 973+08.4 | 10.95' LT | 733.22 | 733.22 |
| D | 973+08.5 | 13.69' LT | 733.26 | |
| E | 973+08.6 | 18.70' LT | 733.34 | |
| F | 972+97.8 | 0.00' RT | 732.60 | |
| G | 972+97.9 | 2.58' LT | 732.55 | 733.05 |
| H | 972+97.2 | 10.58' LT | 733.16 | 733.16 |
| I | 972+96.2 | 18.89' LT | 733.28 | |

SOUTHWEST QUADRANT



| POINT | STATION | OFFSET | BOT EL | TOP EL |
|-------|----------|-----------|--------|--------|
| A | 952+86.6 | 0.00' RT | 732.11 | |
| B | 952+86.7 | 2.58' RT | 732.06 | 732.56 |
| C | 952+86.4 | 10.58' RT | 732.57 | 732.57 |
| D | 952+86.1 | 18.58' RT | 732.69 | |
| E | 952+96.9 | 0.00' RT | 731.80 | |
| F | 952+96.8 | 2.58' RT | 731.86 | 732.36 |
| G | 952+96.9 | 10.58' RT | 732.47 | 732.47 |
| H | 952+97.1 | 18.58' RT | 732.59 | |

SOUTHEAST QUADRANT

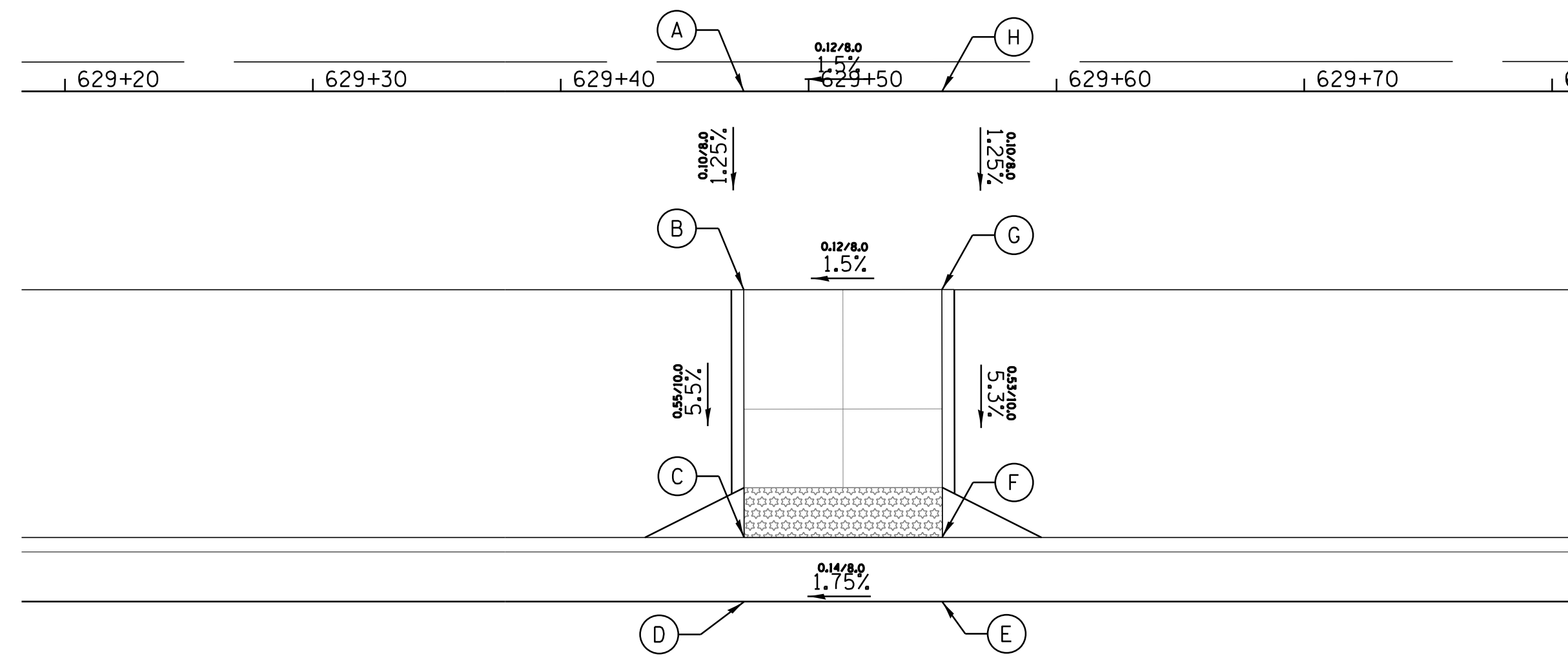
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| Default | PLOT SCALE = 5' | CHECKED - JGS | REVISED - |
| | PLOT DATE = 6/12/2018 | DATE - 04/06/18 FINAL | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

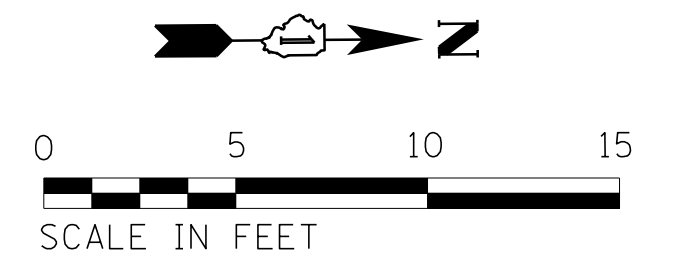
PLUM GROVE ROAD AT STATE PARKWAY
CROSSWALK CONSTRUCTION DETAILS

SCALE: 5' SHEET 12 OF 14 SHEETS STA. TO STA.

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 220 |
| CONTRACT NO. 61E16 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



| POINT | STATION | OFFSET | BOT EL |
|-------|---------|-----------|--------|
| A | 73+87.6 | 38.58' LT | 737.98 |
| B | 73+87.6 | 30.58' LT | 737.88 |
| C | 73+87.6 | 20.58' LT | 737.33 |
| D | 73+87.6 | 18.00' LT | 737.29 |
| E | 73+95.6 | 18.00' LT | 737.43 |
| F | 73+95.6 | 20.59' LT | 737.47 |
| G | 73+95.6 | 30.58' LT | 738.00 |
| H | 73+95.6 | 38.57' LT | 738.10 |



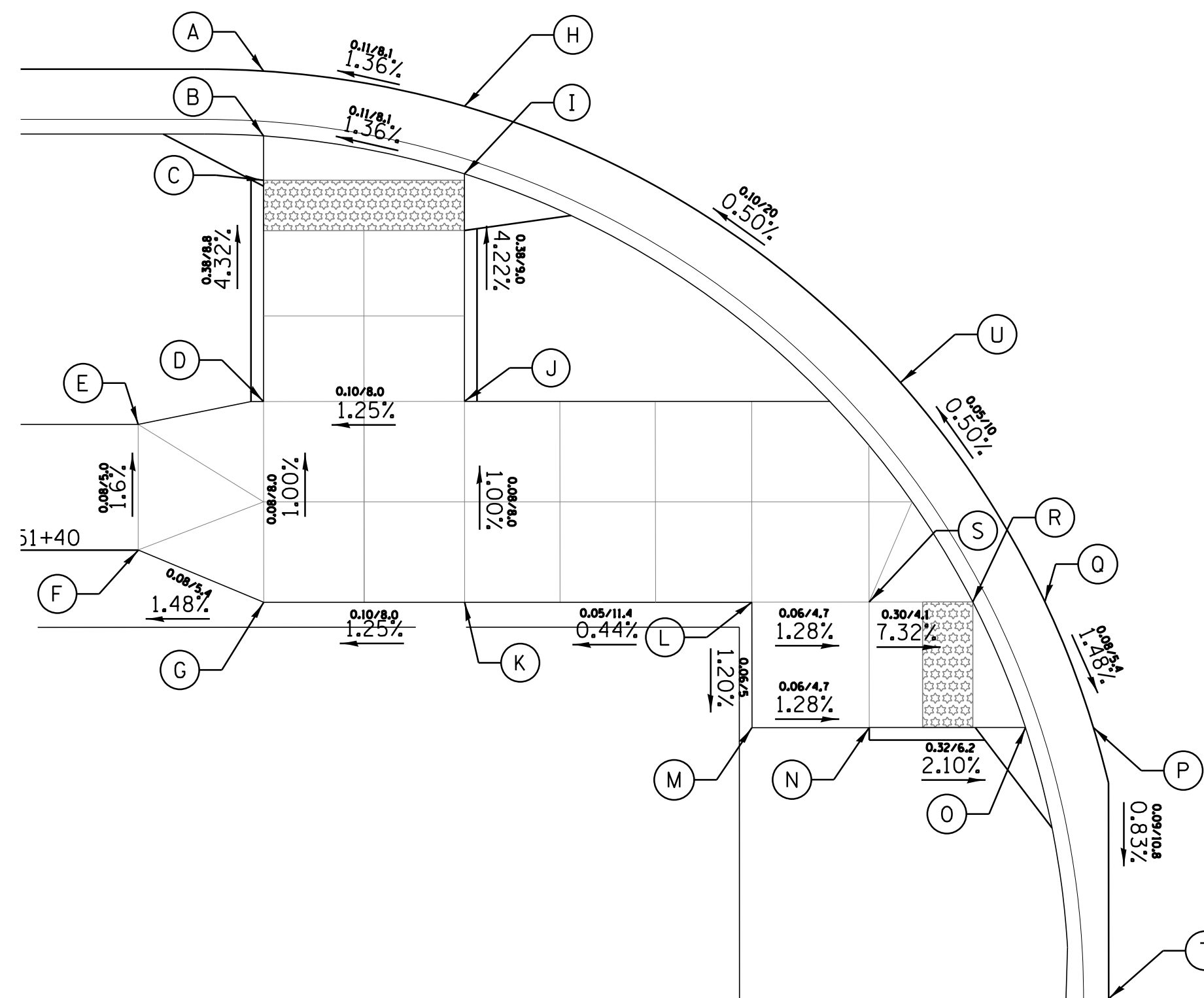
74+00

74+50

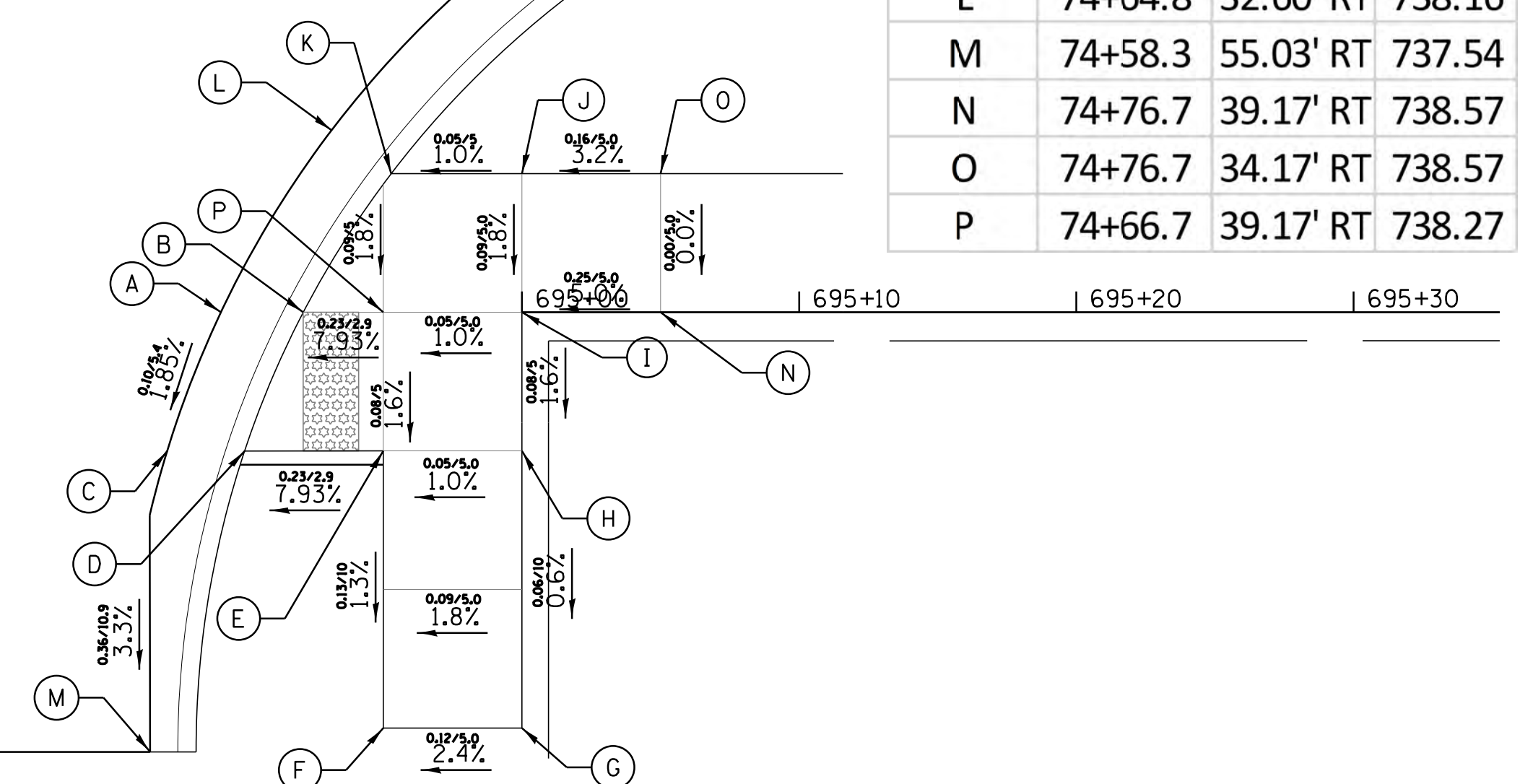
75+00

| POINT | STATION | OFFSET | BOT EL |
|-------|---------|-----------|--------|
| A | 73+87.7 | 18.07' RT | 737.29 |
| B | 73+87.7 | 20.66' RT | 737.33 |
| C | 73+87.7 | 22.42' RT | 737.34 |
| D | 73+87.7 | 31.24' RT | 737.72 |
| E | 73+82.7 | 32.15' RT | 737.66 |
| F | 73+82.7 | 37.15' RT | 737.72 |
| G | 73+87.7 | 39.23' RT | 737.80 |
| H | 73+95.7 | 19.48' RT | 737.40 |
| I | 73+95.7 | 22.17' RT | 737.44 |
| J | 73+95.7 | 31.23' RT | 737.82 |
| K | 73+95.7 | 39.23' RT | 737.90 |
| L | 74+07.1 | 39.23' RT | 737.95 |
| M | 74+07.1 | 44.23' RT | 737.89 |
| N | 74+11.8 | 44.22' RT | 737.83 |
| O | 74+18.0 | 44.22' RT | 737.51 |
| P | 74+20.7 | 44.22' RT | 737.47 |
| Q | 74+18.8 | 39.21' RT | 737.55 |
| R | 74+15.9 | 39.22' RT | 737.59 |
| S | 74+11.8 | 39.22' RT | 737.89 |
| T | 74+21.3 | 55.03' RT | 737.38 |
| U | 74+13.0 | 30.08' RT | 737.50 |

PLUM GROVE ROAD



PENNY LANE



| POINT | STATION | OFFSET | BOT EL |
|-------|---------|-----------|--------|
| A | 74+60.8 | 39.17' RT | 738.00 |
| B | 74+63.8 | 39.17' RT | 738.04 |
| C | 74+58.9 | 44.18' RT | 737.90 |
| D | 74+61.7 | 44.18' RT | 737.94 |
| E | 74+66.7 | 44.17' RT | 738.19 |
| F | 74+66.7 | 54.17' RT | 738.06 |
| G | 74+71.7 | 54.14' RT | 738.18 |
| H | 74+71.7 | 44.17' RT | 738.24 |
| I | 74+71.7 | 39.17' RT | 738.32 |
| J | 74+71.7 | 34.17' RT | 738.41 |
| K | 74+66.9 | 34.17' RT | 738.36 |
| L | 74+64.8 | 32.60' RT | 738.16 |
| M | 74+58.3 | 55.03' RT | 737.54 |
| N | 74+76.7 | 39.17' RT | 738.57 |
| O | 74+76.7 | 34.17' RT | 738.57 |
| P | 74+66.7 | 39.17' RT | 738.27 |

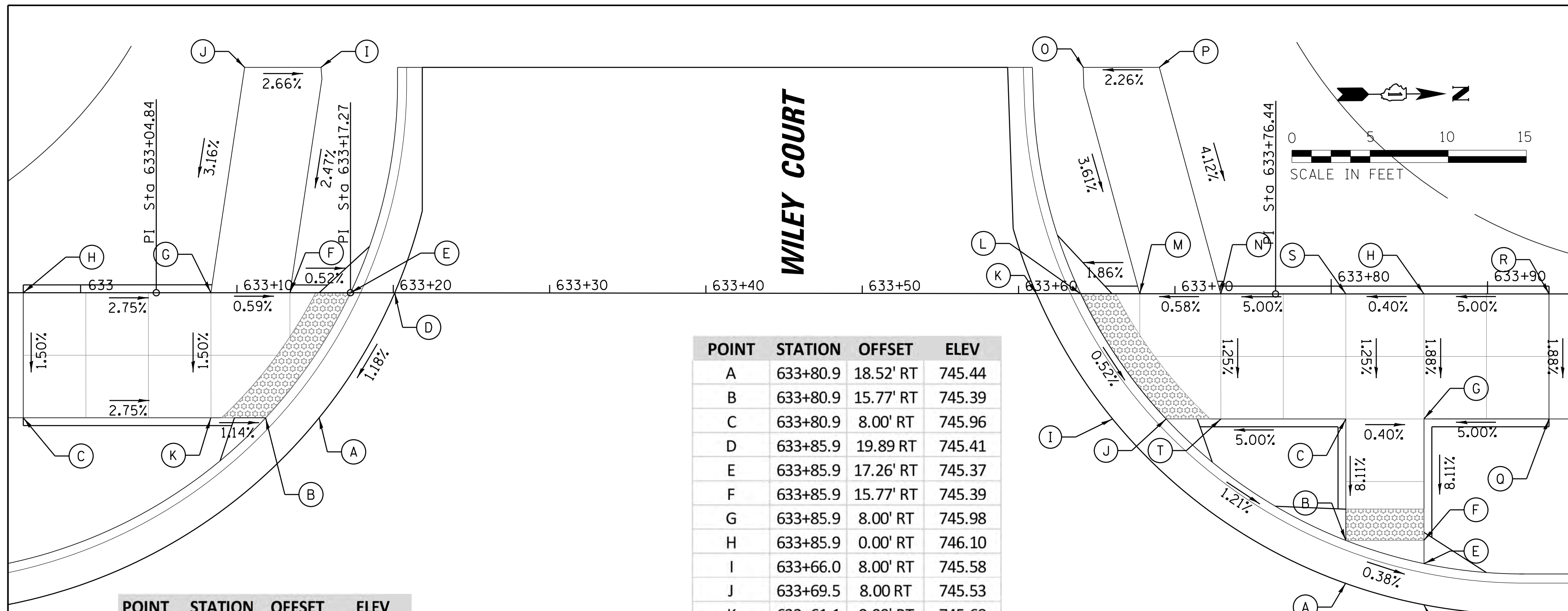
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| Default | PLOT SCALE = 5' | CHECKED - | JGS | REVISED - | |
| | PLOT DATE = 6/12/2018 | DATE - | 04/06/18 FINAL | REVISED - | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLUM GROVE ROAD AND PENNY LANE
CROSSWALK CONSTRUCTION DETAILS**

SCALE: 5' SHEET 13 OF 14 SHEETS STA. TO STA.

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 221 |
| CONTRACT NO. 61E16 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

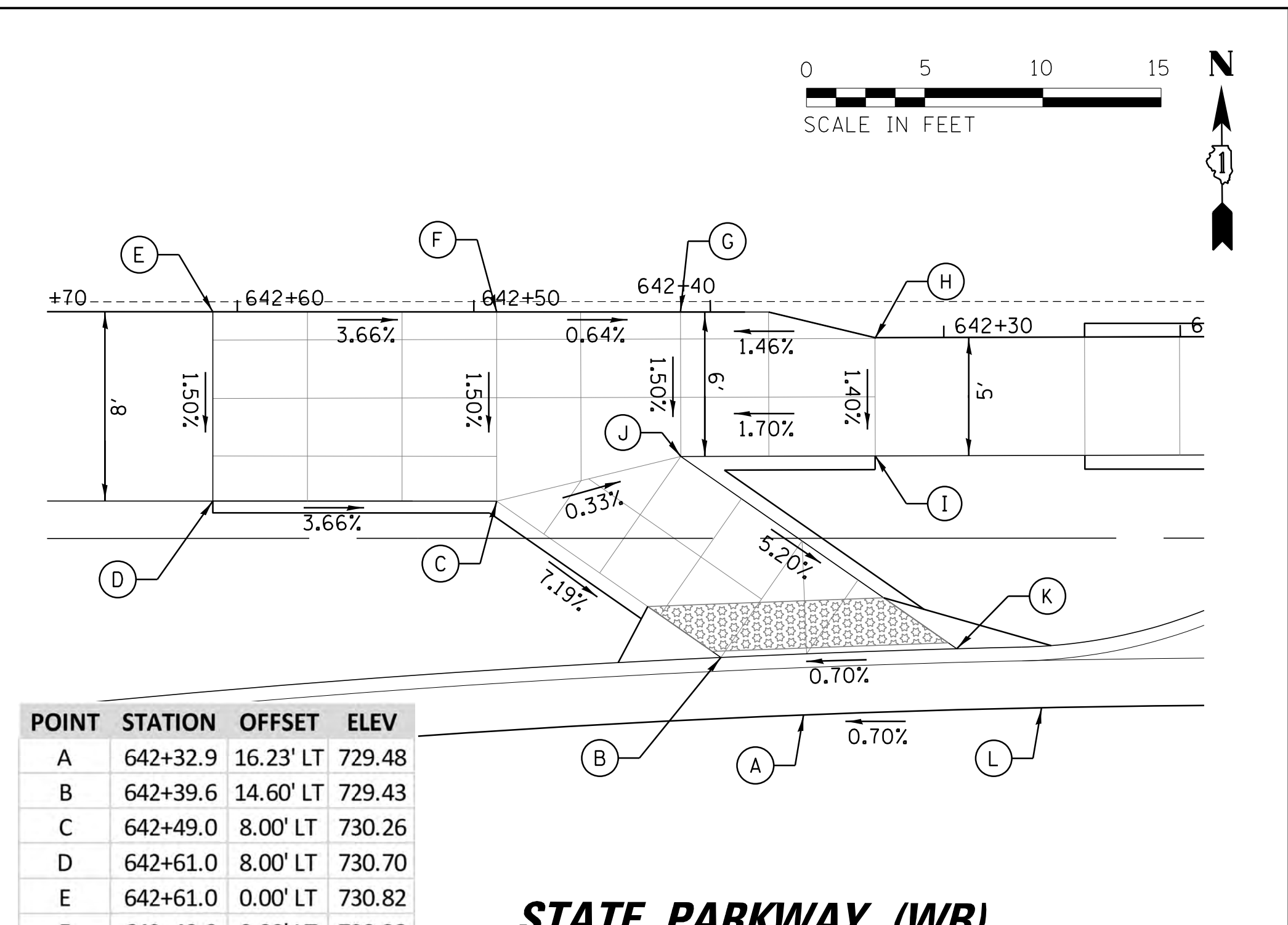
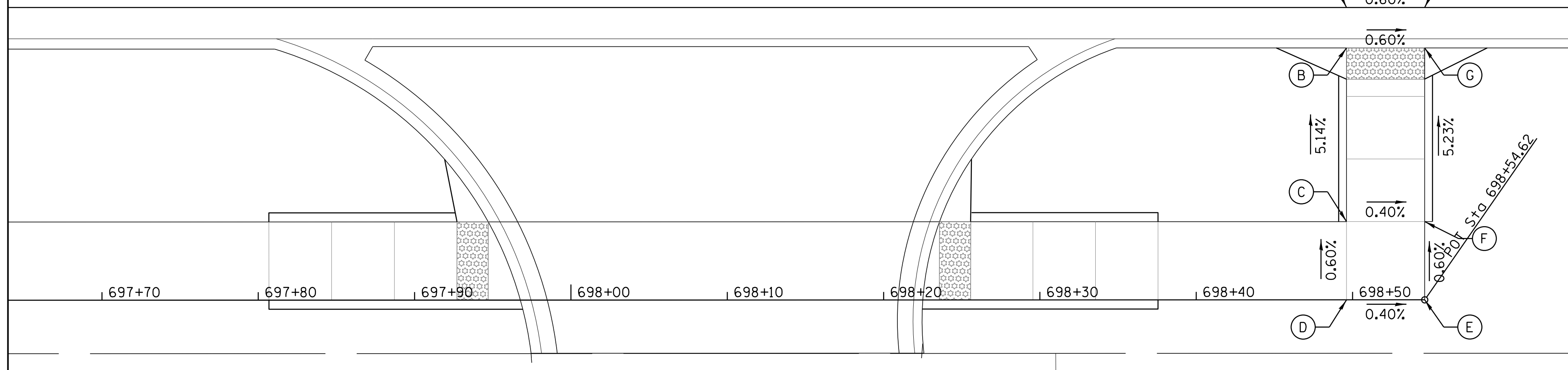


| POINT | STATION | OFFSET | ELEV |
|-------|----------|-----------|--------|
| A | 633+15.3 | 8.00' RT | 745.48 |
| B | 633+11.8 | 8.00' RT | 745.43 |
| C | 632+96.3 | 8.00' RT | 745.80 |
| D | 633+20.1 | 0.00' RT | 745.59 |
| E | 633+17.3 | 0.00' RT | 745.54 |
| F | 633+13.4 | 0.00' RT | 745.56 |
| G | 633+08.3 | 0.00' RT | 745.59 |
| H | 632+96.3 | 0.00' RT | 745.92 |
| I | 633+15.4 | 14.42' LT | 745.92 |
| J | 633+10.5 | 14.42' LT | 746.05 |
| K | 633+08.3 | 8.00' RT | 745.47 |

| POINT | STATION | OFFSET | ELEV |
|-------|----------|-----------|--------|
| A | 633+80.9 | 18.52' RT | 745.44 |
| B | 633+80.9 | 15.77' RT | 745.39 |
| C | 633+80.9 | 8.00' RT | 745.96 |
| D | 633+85.9 | 19.89 RT | 745.41 |
| E | 633+85.9 | 17.26' RT | 745.37 |
| F | 633+85.9 | 15.77' RT | 745.39 |
| G | 633+85.9 | 8.00' RT | 745.98 |
| H | 633+85.9 | 0.00' RT | 746.10 |
| I | 633+66.0 | 8.00' RT | 745.58 |
| J | 633+69.5 | 8.00' RT | 745.53 |
| K | 633+61.1 | 0.00' RT | 745.68 |
| L | 633+64.0 | 0.00' RT | 745.63 |
| M | 633+67.8 | 0.00' RT | 745.65 |
| N | 633+72.9 | 0.00' RT | 745.68 |
| O | 633+64.1 | 14.49' LT | 746.31 |
| P | 633+69.0 | 14.49' LT | 746.42 |
| Q | 633+93.9 | 8.00' RT | 746.34 |
| R | 633+93.9 | 0.00' RT | 746.46 |
| S | 633+80.9 | 0.00' RT | 746.08 |
| T | 633+73.0 | 8.00' RT | 745.56 |

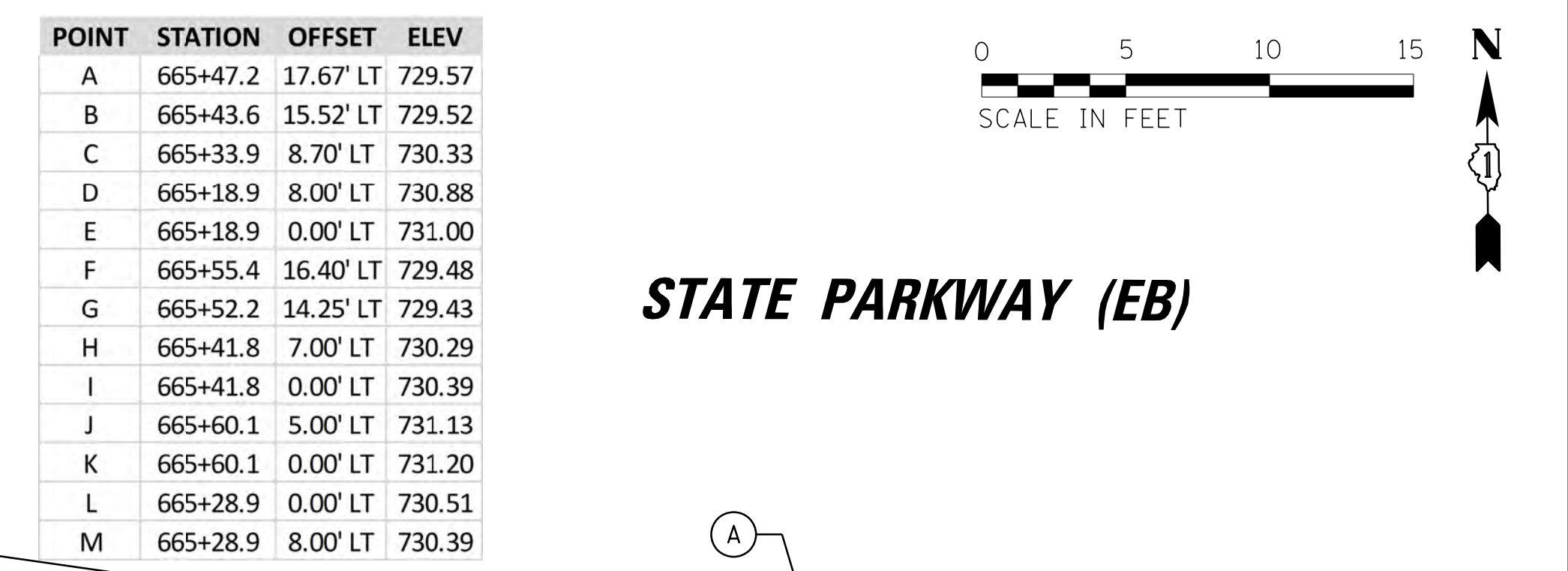
PLUM GROVE ROAD

| POINT | STATION | OFFSET | ELEV |
|-------|----------|-----------|--------|
| A | 698+49.6 | 18.68' LT | 745.43 |
| B | 698+49.6 | 16.10' LT | 745.38 |
| C | 698+49.6 | 5.00' LT | 745.95 |
| D | 698+49.6 | 0.00' LT | 745.98 |
| E | 698+54.6 | 0.00' LT | 745.96 |
| F | 698+54.6 | 5.00' LT | 745.93 |
| G | 698+54.6 | 16.11' LT | 745.35 |
| H | 698+54.6 | 18.69' LT | 745.40 |



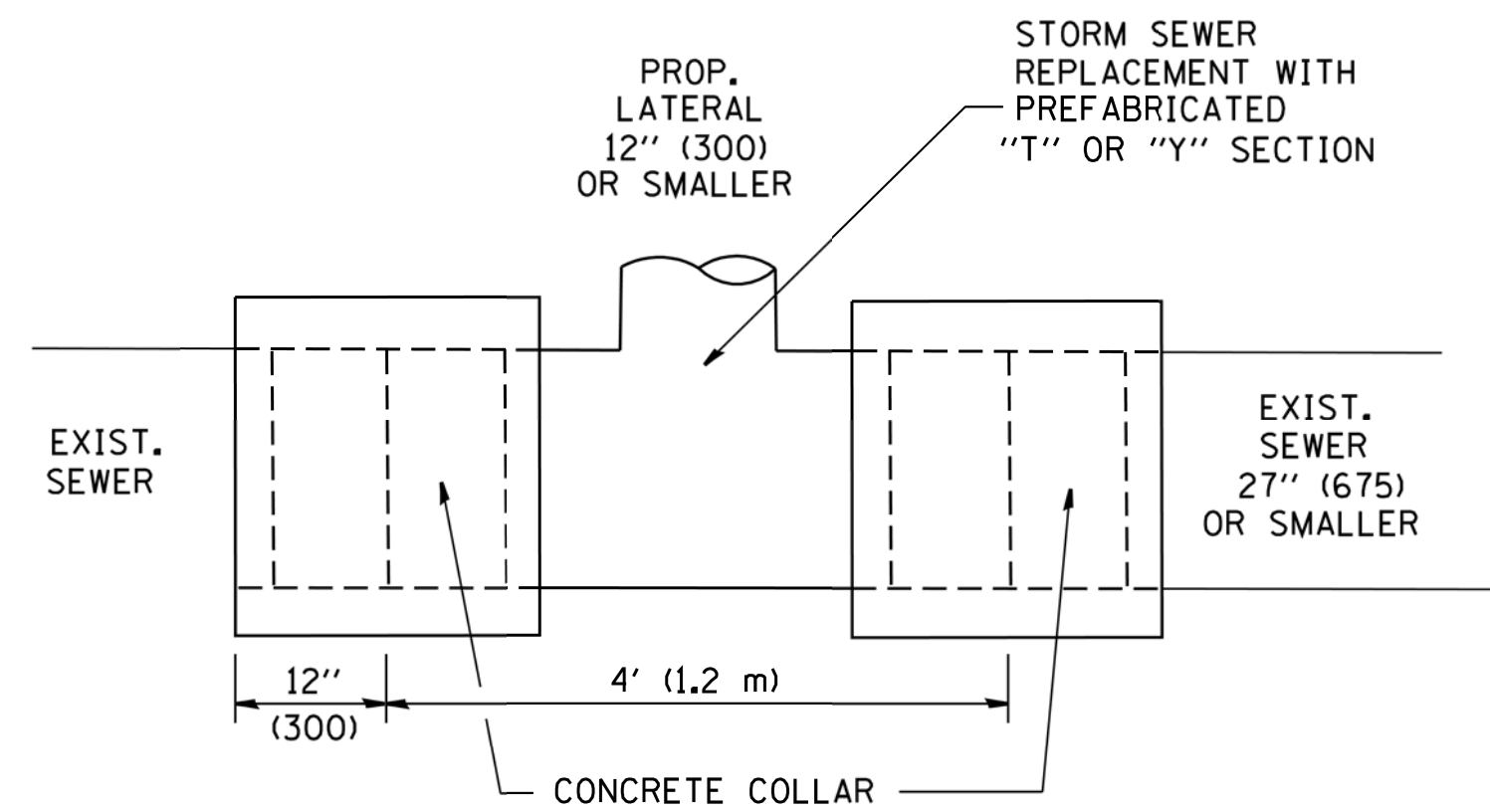
| POINT | STATION | OFFSET | ELEV |
|-------|----------|-----------|--------|
| A | 642+32.9 | 16.23' LT | 729.48 |
| B | 642+39.6 | 14.60' LT | 729.43 |
| C | 642+49.0 | 8.00' LT | 730.26 |
| D | 642+61.0 | 8.00' LT | 730.70 |
| E | 642+61.0 | 0.00' LT | 730.82 |
| F | 642+49.0 | 0.00' LT | 730.38 |
| G | 642+41.3 | 0.00' LT | 730.33 |
| H | 642+32.9 | 0.00' LT | 730.45 |
| I | 642+32.9 | 5.00' LT | 730.38 |
| J | 642+41.3 | 6.00' LT | 730.24 |
| K | 642+29.5 | 13.16' LT | 729.50 |
| L | 642+25.9 | 15.66' LT | 729.55 |

STATE PARKWAY (WB)



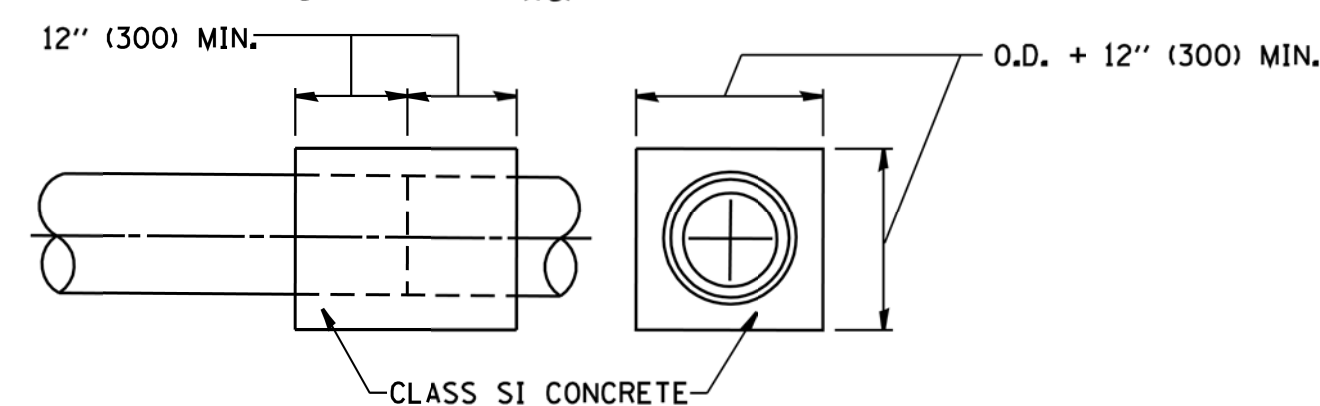
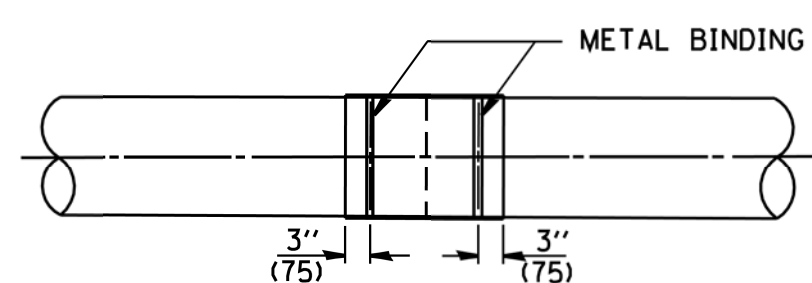
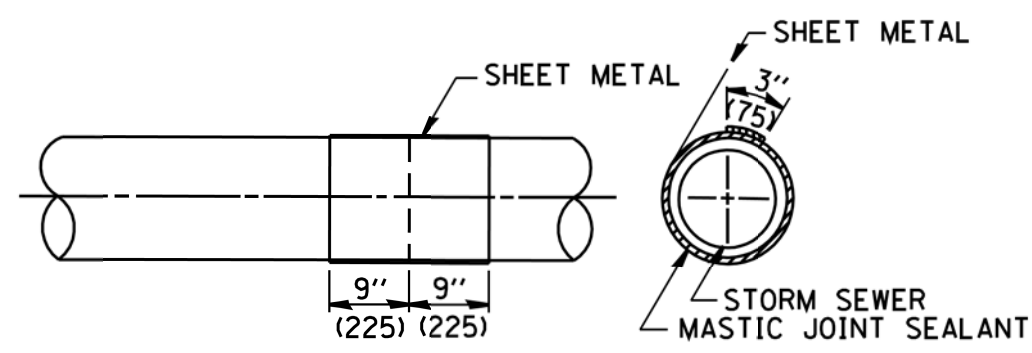
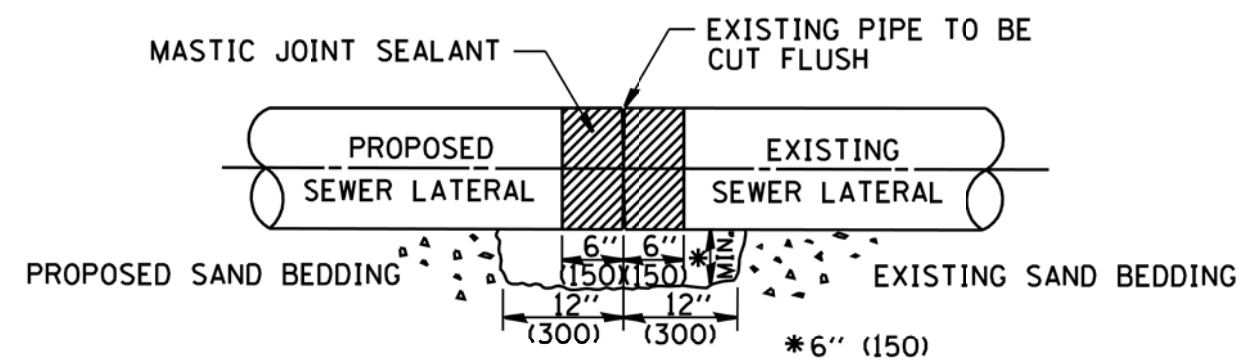
| POINT | STATION | OFFSET | ELEV |
|-------|----------|-----------|--------|
| A | 665+47.2 | 17.67' LT | 729.57 |
| B | 665+43.6 | 15.52' LT | 729.52 |
| C | 665+33.9 | 8.70' LT | 730.33 |
| D | 665+18.9 | 8.00' LT | 730.88 |
| E | 665+18.9 | 0.00' LT | 731.00 |
| F | 665+55.4 | 16.40' LT | 729.48 |
| G | 665+52.2 | 14.25' LT | 729.43 |
| H | 665+41.8 | 7.00' LT | 730.29 |
| I | 665+41.8 | 0.00' LT | 730.39 |
| J | 665+60.1 | 5.00' LT | 731.13 |
| K | 665+60.1 | 0.00' LT | 731.20 |
| L | 665+28.9 | 0.00' LT | 730.51 |
| M | 665+28.9 | 8.00' LT | 730.39 |

STATE PARKWAY (EB)



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER

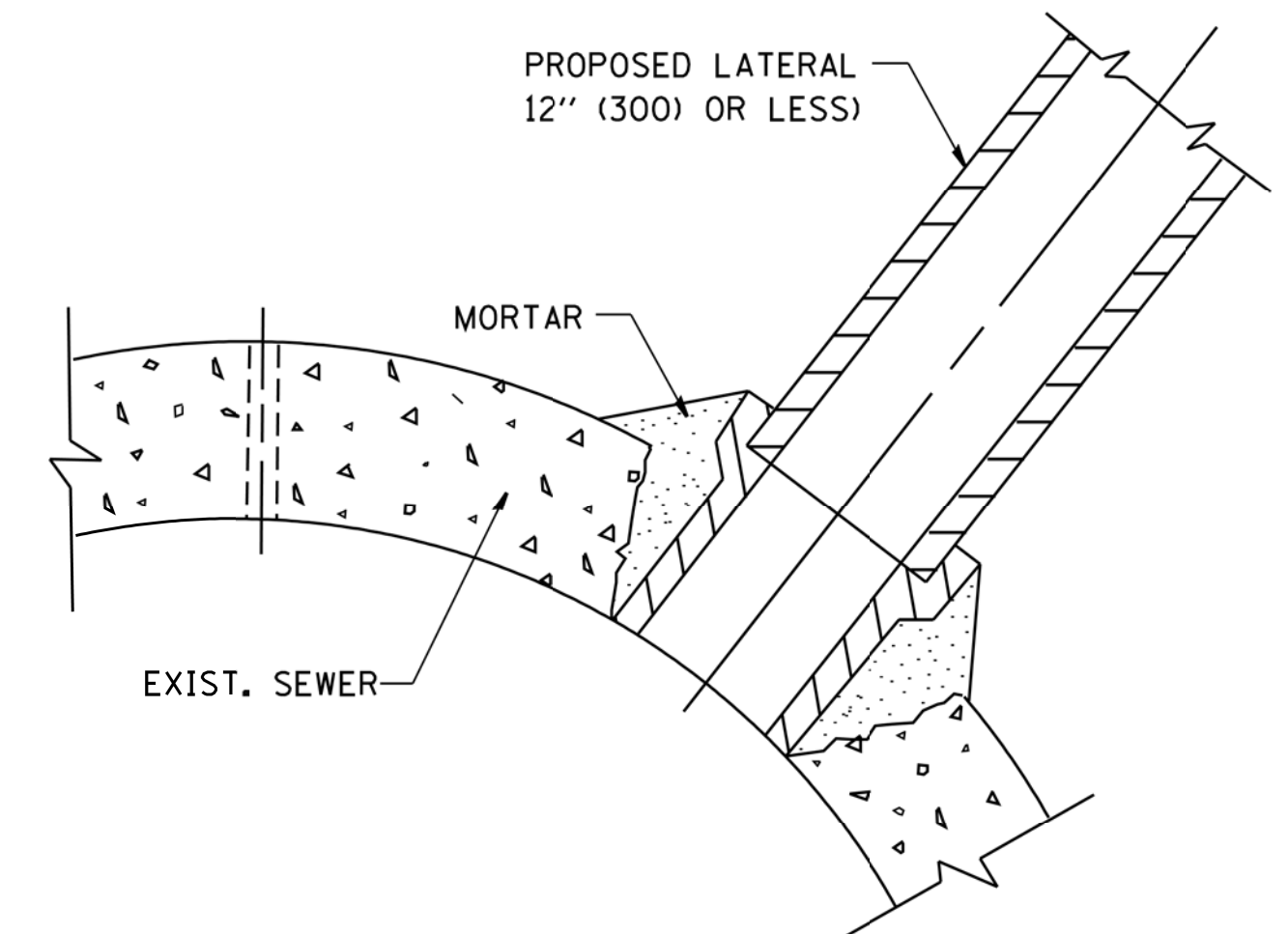


DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12" x 6" (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
 - A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
 - B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

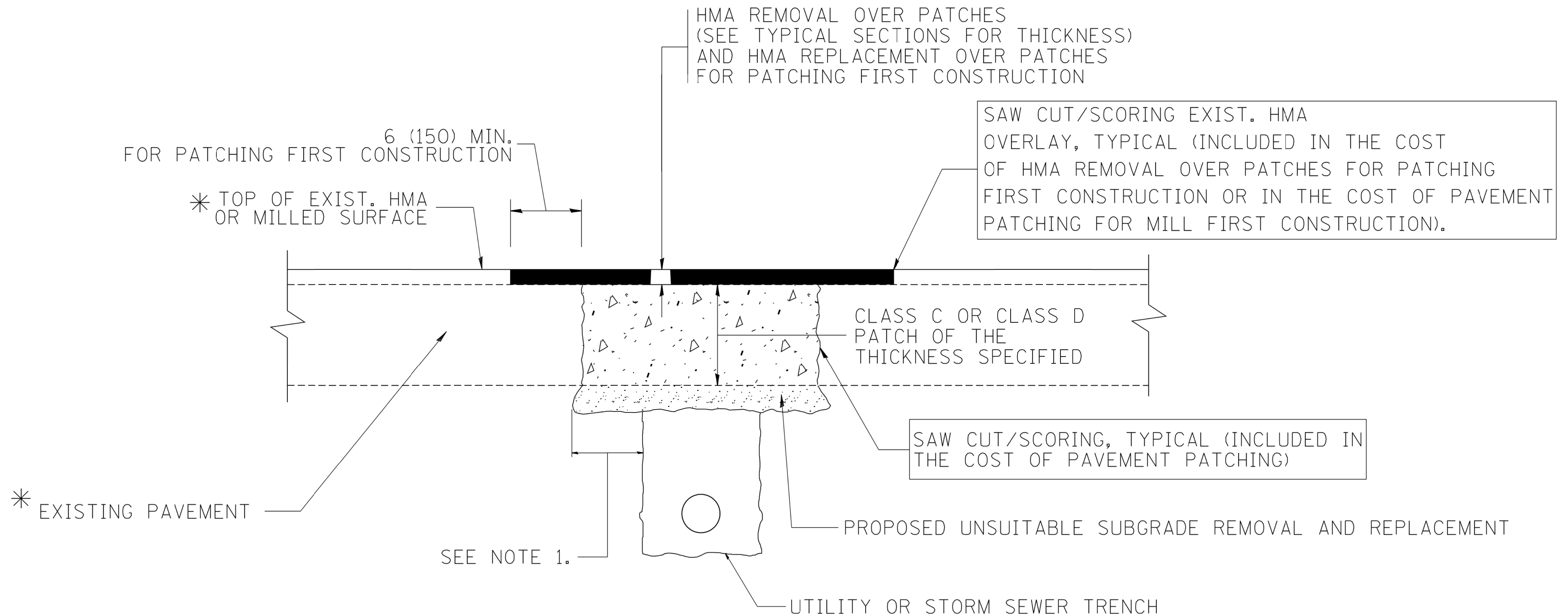
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| | | CHECKED - | REVISED - R. SHAH 10-25-94 |
| | | DATE - 07-25-90 | REVISED - R. SHAH 06-12-96 |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAIL OF STORM SEWER
CONNECTION TO EXISTING SEWER**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|---------------------------|--------------|-----------|
| 2582 | 14-00115-01-PV | COOK | 274 | 223 |
| BD500-01 (BD-7) | | CONTRACT NO. 61E16 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

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

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

| | | | | | | | | | | | | | |
|---|---------------------|----------------------------|-----------------------------|---|--|-------------|-------------|-------------|---------|--------|---|-----------|---------|
| FILE NAME = c:\projects\dststd22x34\bd22.dgn | USER NAME = bauerdl | DESIGNED - R. SHAH | REVISED - A. ABBAS 04-27-98 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT | | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| | | DRAWN - | REVISED - R. BORO 01-01-07 | | SCALE: NONE | SHEET NO. 1 | OF 1 SHEETS | STA. | TO STA. | 2582 | 14-00115-01-PV | COOK | 274 224 |
| | | PLOT SCALE = 50.000' / IN. | REVISOR - R. BORO 09-04-07 | | | | | | | | BD400-04 (BD-22) CONTRACT NO. 61E16 | | |
| | | PLOT DATE = 10/27/2008 | REVISOR - K. ENG 10-27-08 | | | | | | | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | |

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

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

SEE STATE STANDARD 606001
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

18" (450) MAX.

1/4" (5) * *

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

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

* * IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY,

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

BASIS OF PAYMENT:
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

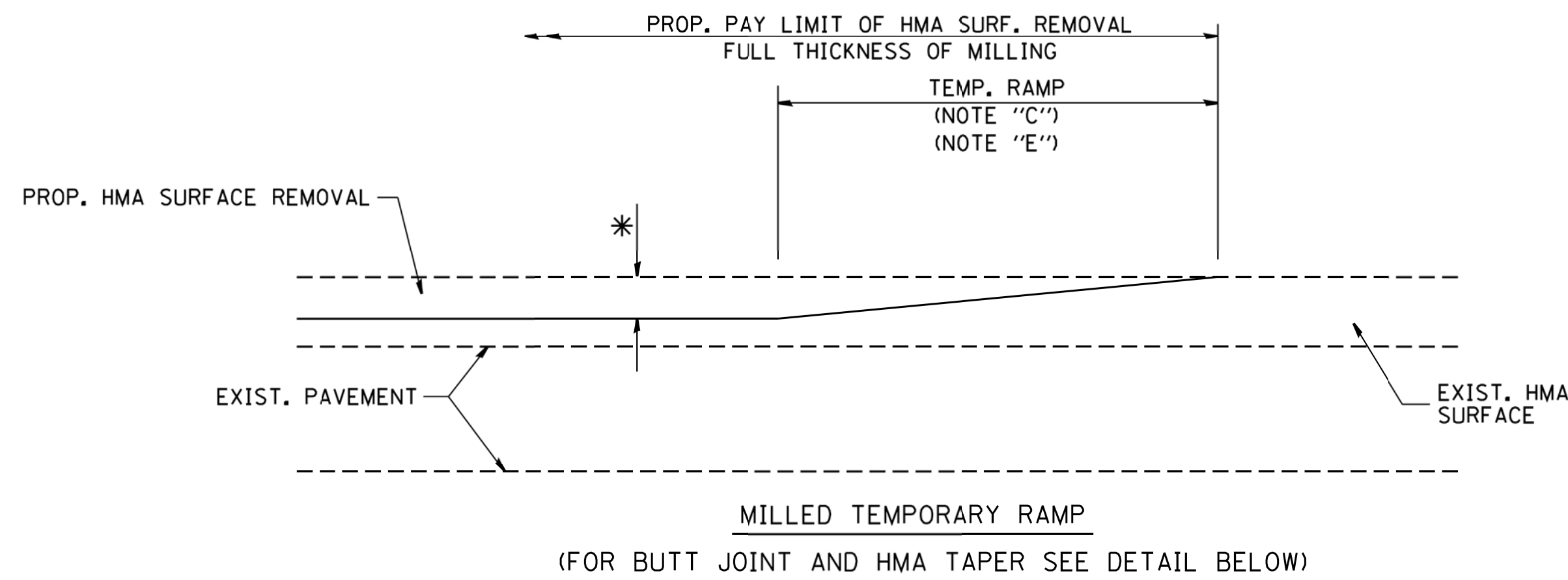
⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

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

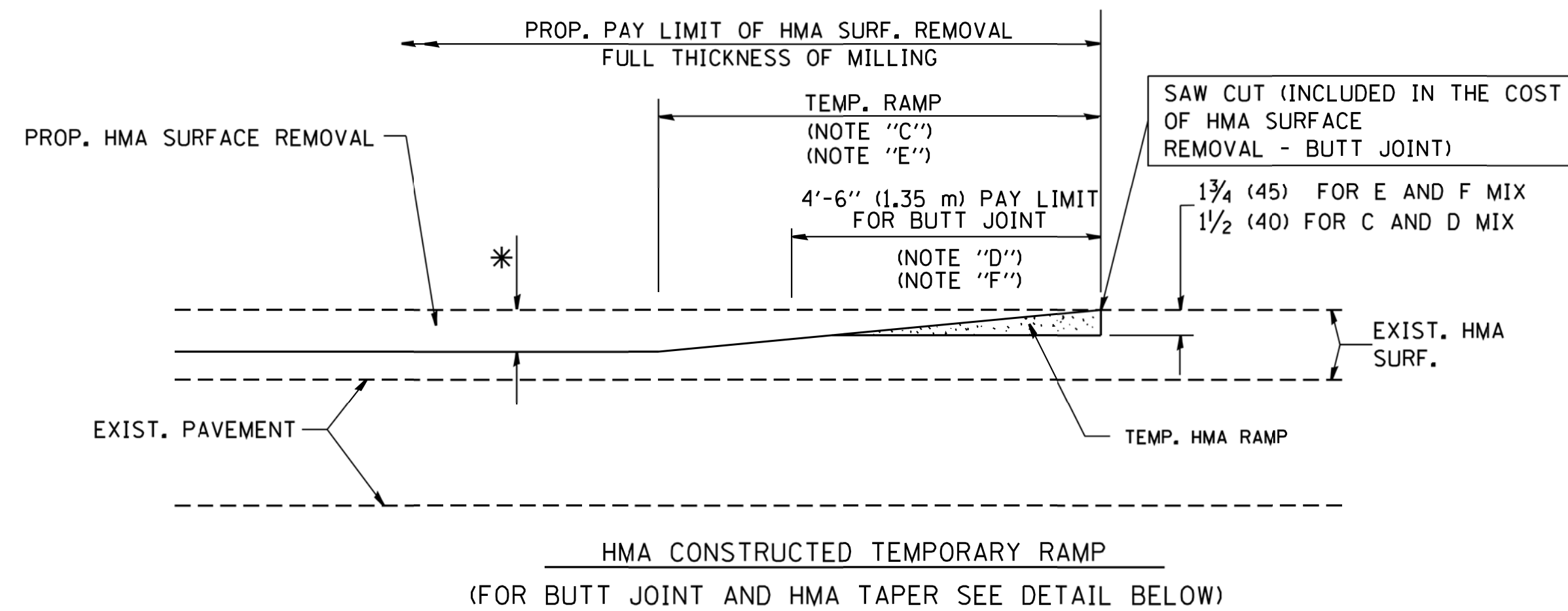
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

| | | | | | | | | | | | |
|--|------------------------|---------------------------|-----------------------------|---|--|-------------------------|-------------------------|--------------------|--------------|-----------|---|
| FILE NAME = | USER NAME = drivakosgn | DESIGNED - A. HOUSEH | REVISED - R. SHAH 10-03-96 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| et:\pwork\pwork\drivakosgn\d0108315\bc24.dgn | | DRAWN - | REVISED - A. ABBAS 03-21-97 | | | 2582 | 14-00115-01-PV | COOK | 274 | 225 | |
| | | PLOT SCALE = 50.000' / 1" | REVISED - M. GOMEZ 01-22-01 | | | BD600-06 (BD-24) | | CONTRACT NO. 61E16 | | | |
| | | PLOT DATE = 12/15/2009 | REVISED - R. BORO 12-15-09 | | | SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA. | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |

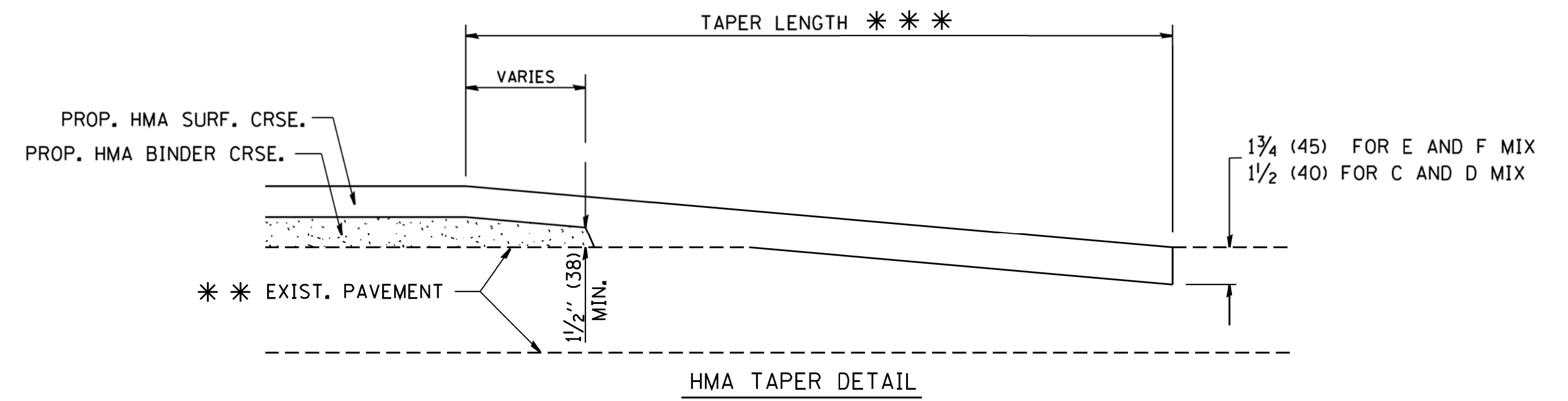
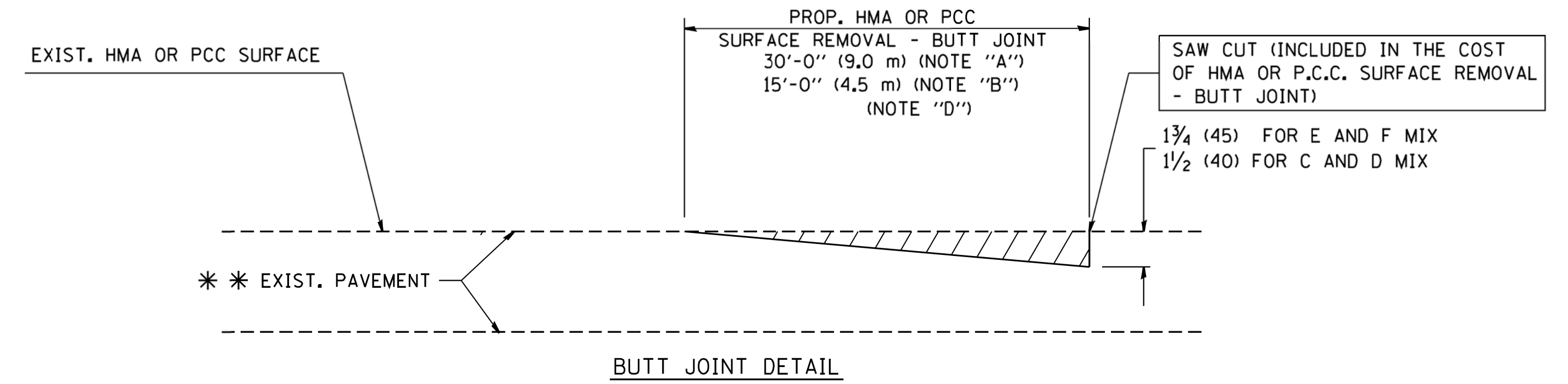


OPTION 1



OPTION 2

TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

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

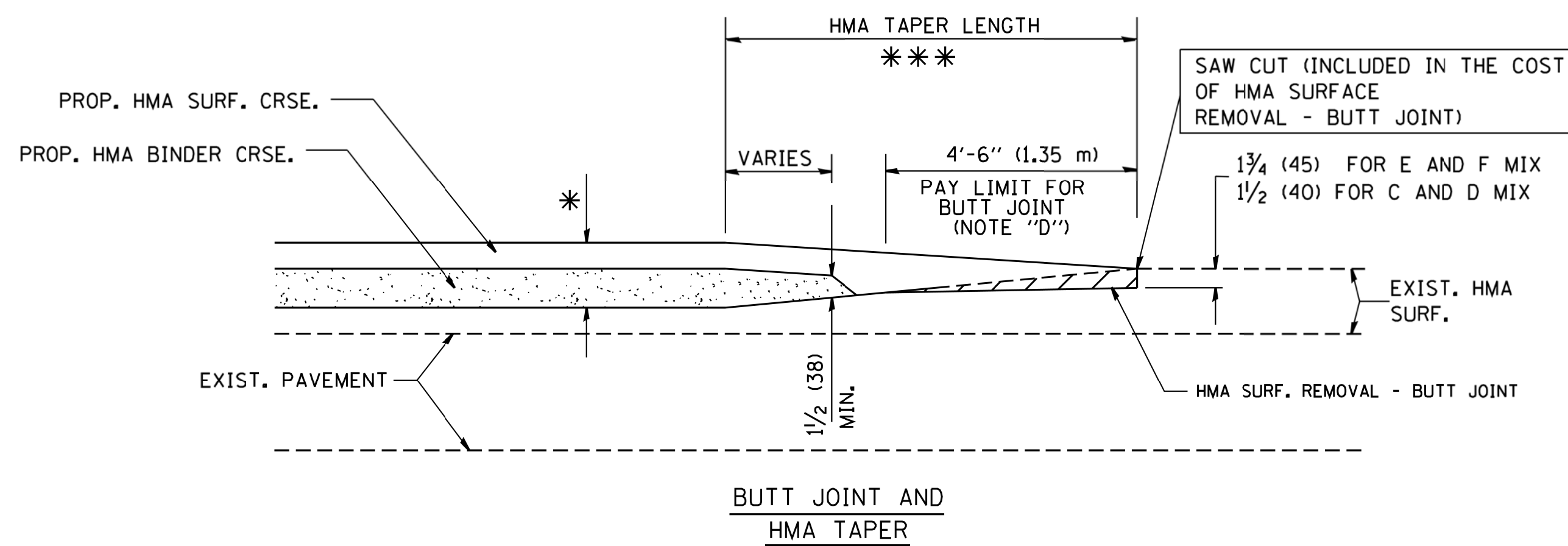
NOTES

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

BASIS OF PAYMENT:

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

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



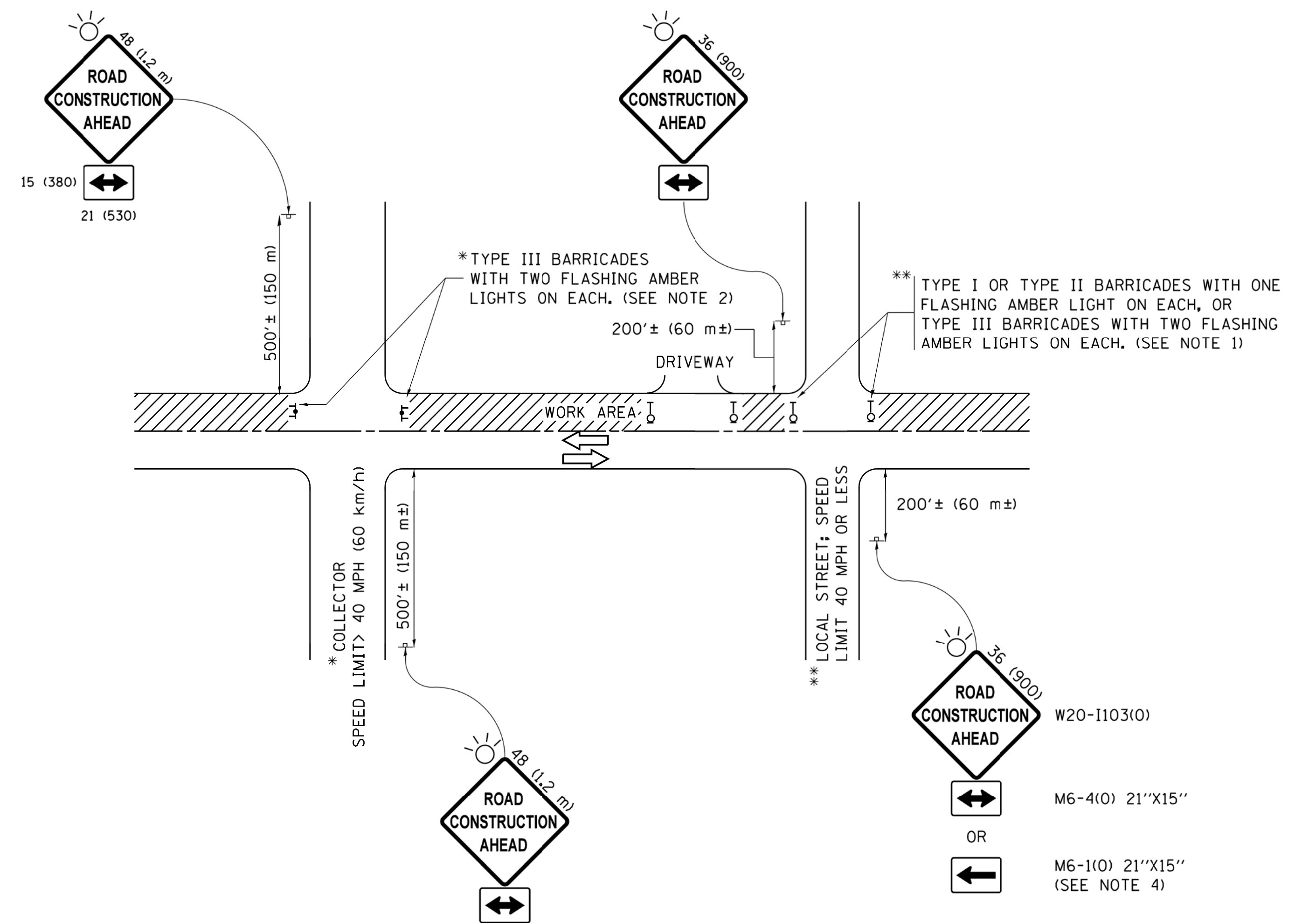
TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

| | | | |
|--|-----------------------------|-----------------------|-----------------------------|
| FILE NAME = W:\diststd\22x34\bd32.dgn | USER NAME = gegl1onbt | DESIGNED - M. DE YONG | REVISED - R. SHAH 10-25-94 |
| | | DRAWN - | REVISED - A. ABBAS 03-21-97 |
| | PLOT SCALE = 50.0000' / IN. | CHECKED - | REVISED - M. GOMEZ 04-06-01 |
| | PLOT DATE = 1/4/2008 | DATE - 06-13-90 | REVISED - R. BORO 01-01-07 |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | |
|---|--------------------------------------|
| BUTT JOINT AND HMA TAPER DETAILS | |
| SCALE: NONE | SHEET NO. 1 OF 1 SHEETS STA. TO STA. |

| | | | | |
|---|----------------|---------------------------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 226 |
| BD400-05 BD32 | | CONTRACT NO. 61E16 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



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) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
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. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE 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.

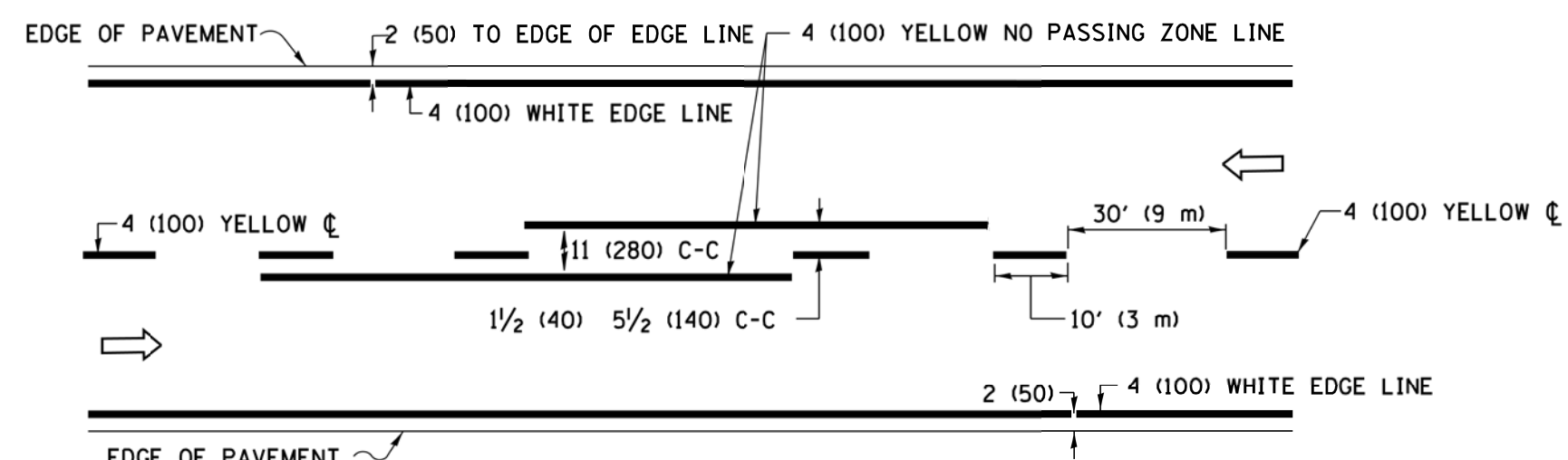
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| FILE NAME = | USER NAME = footemj | DESIGNED - L.H.A. | REVISED - A. HOUSEH 10-15-96 |
| p:\1\084EBIDINTEG\111nois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist | DRAWN\CADDData\CADsheets\c10.dgn | CHECKED - | REVISED - T. RAMMACHER 01-06-00 |
| Default | PLOT SCALE = 50.000' / in. | DATE - 06-89 | REVISED - A. SCHUETZE 07-01-13 |
| | PLOT DATE = 9/15/2016 | | REVISED - A. SCHUETZE 09-15-16 |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

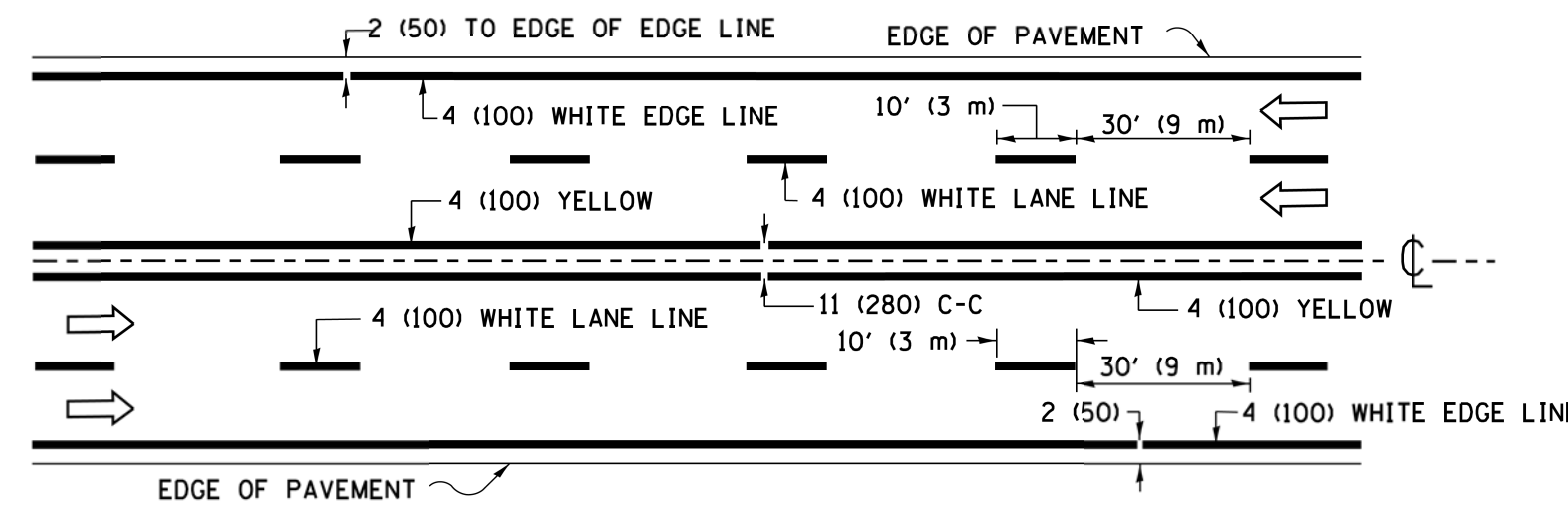
**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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

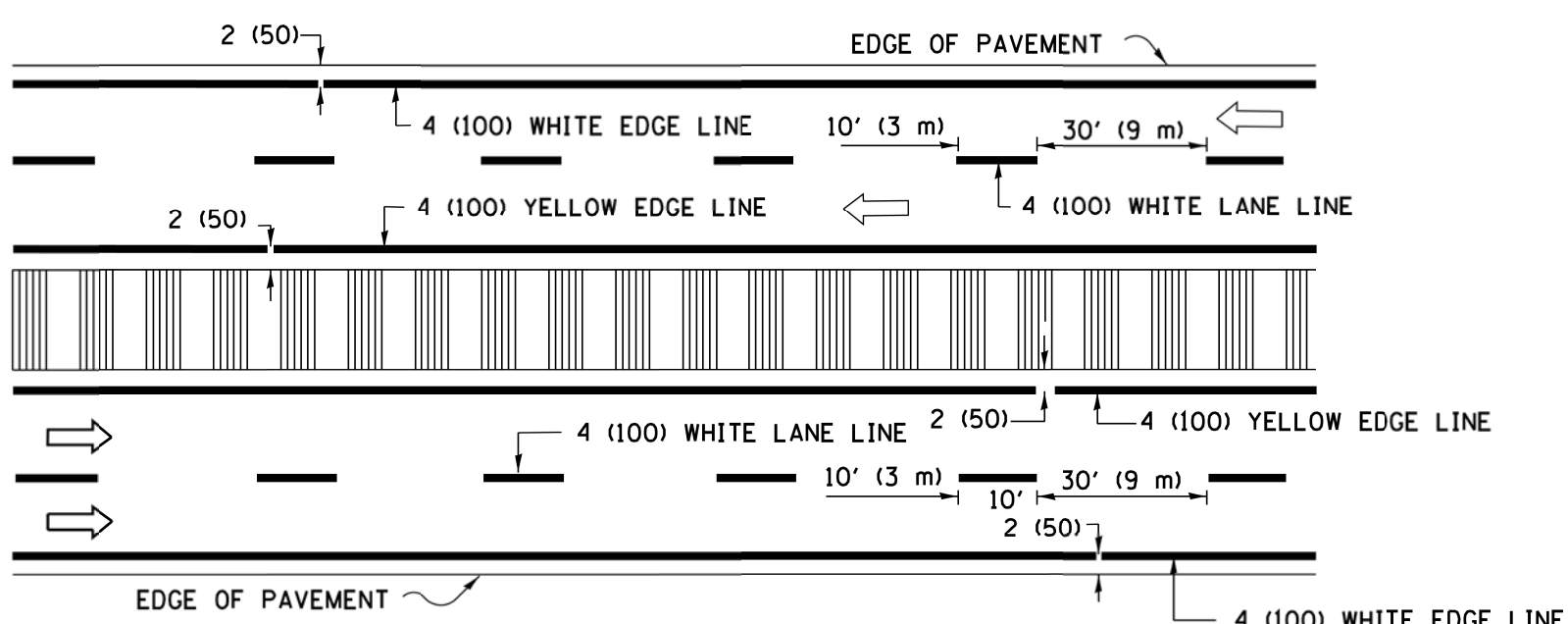
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|---------------------------|--------------|-----------|
| 2582 | 14-00115-01-PV | COOK | 274 | 227 |
| TC-10 | | CONTRACT NO. 61E16 | | |
| ILLINOIS FED. AID PROJECT | | | | |



2-LANE ROADWAY

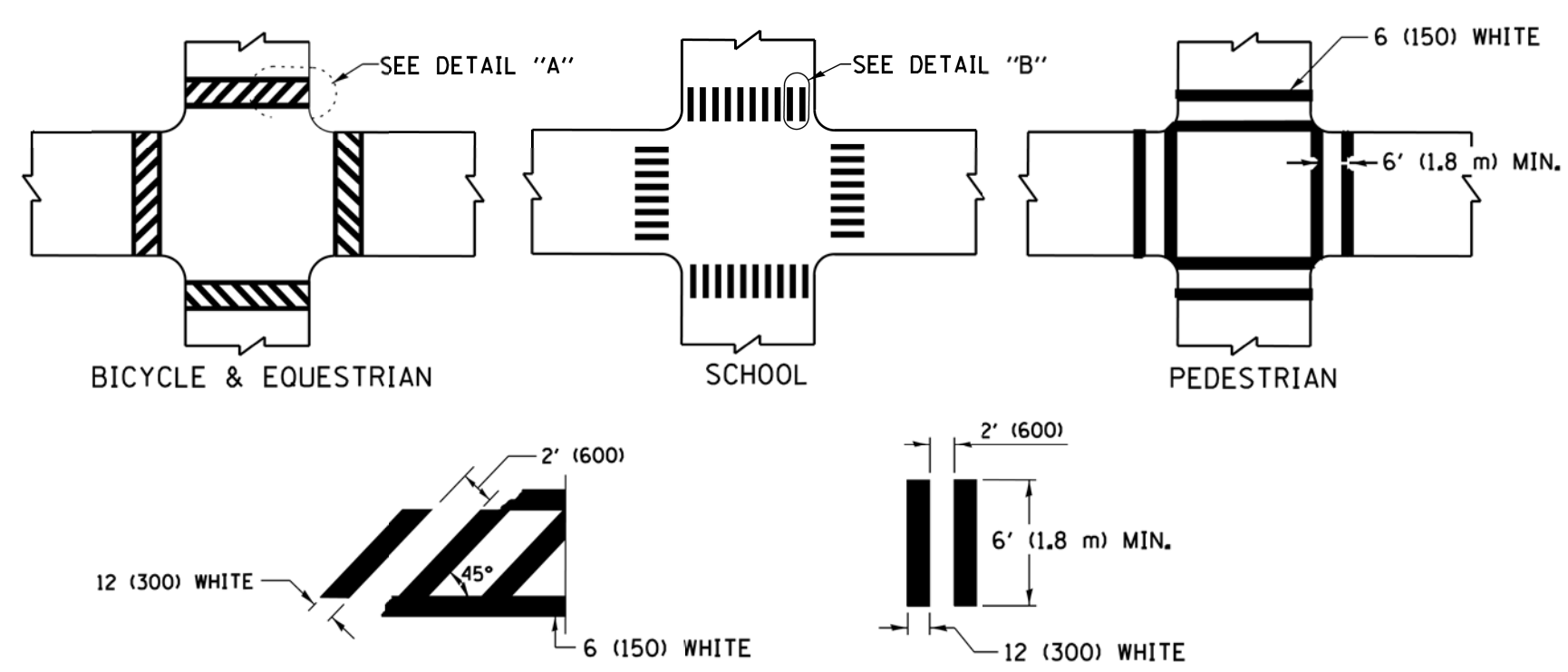


MULTI-LANE UNDIVIDED



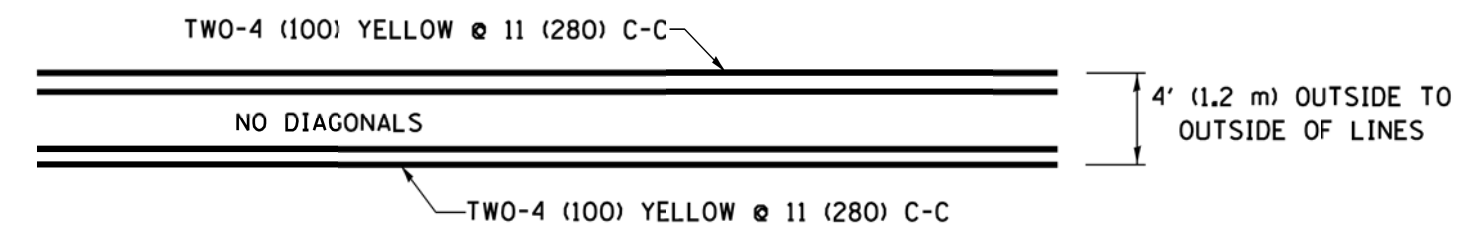
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

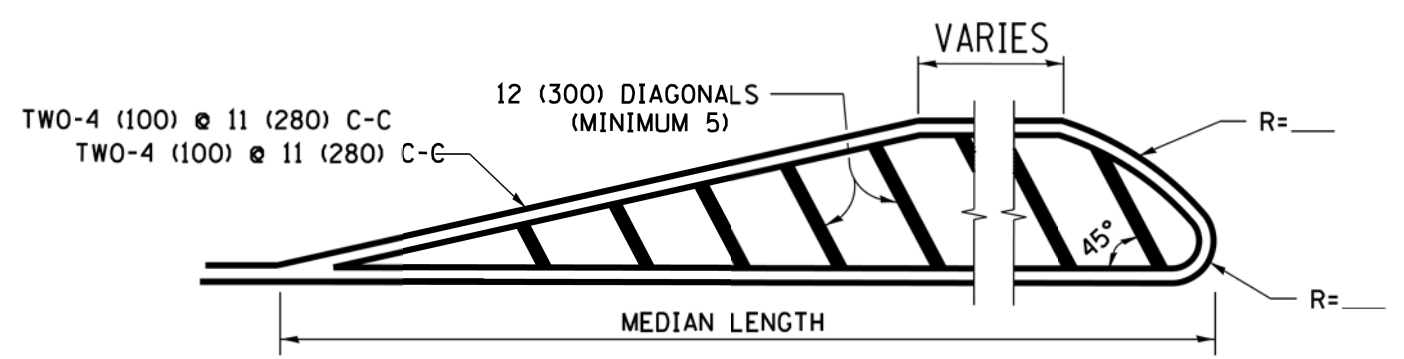


TYPICAL CROSSWALK MARKING

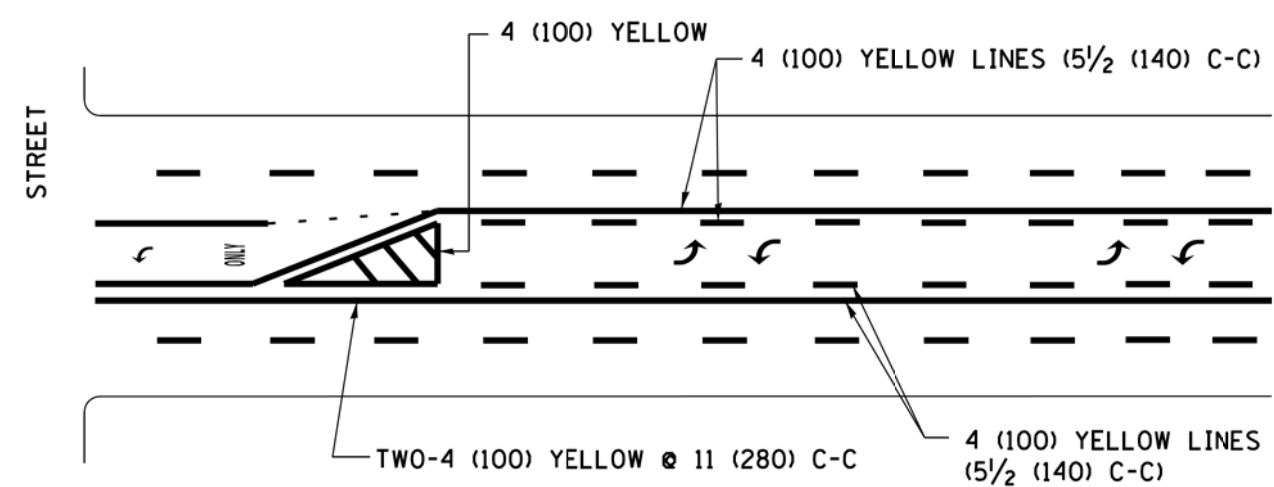
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



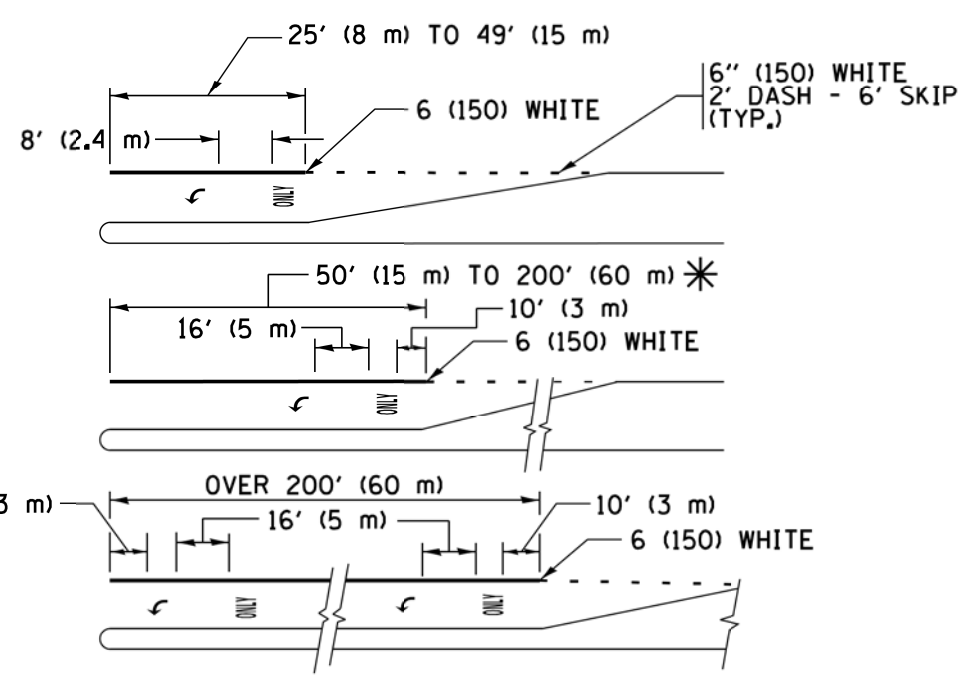
4' (1.2 m) WIDE MEDIANS ONLY



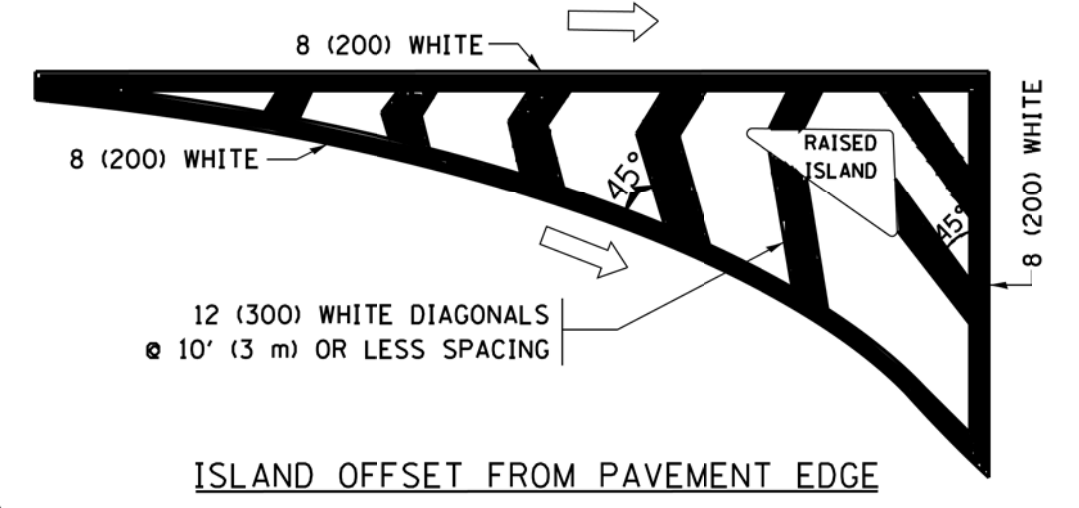
MEDIANS OVER 4' (1.2 m) WIDE



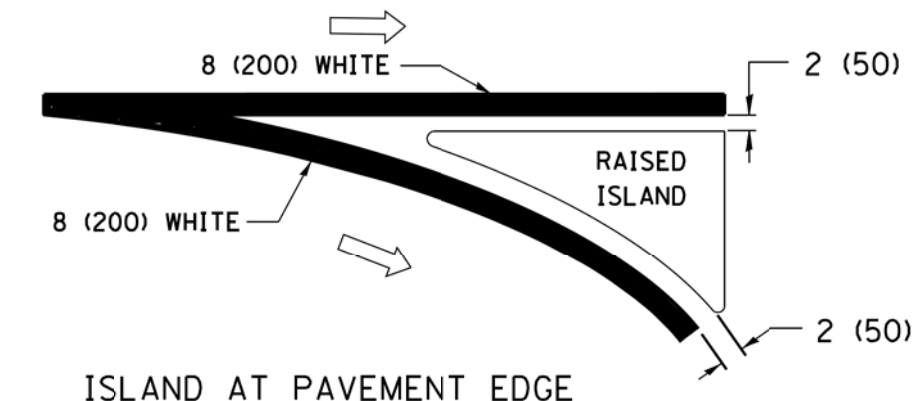
MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING



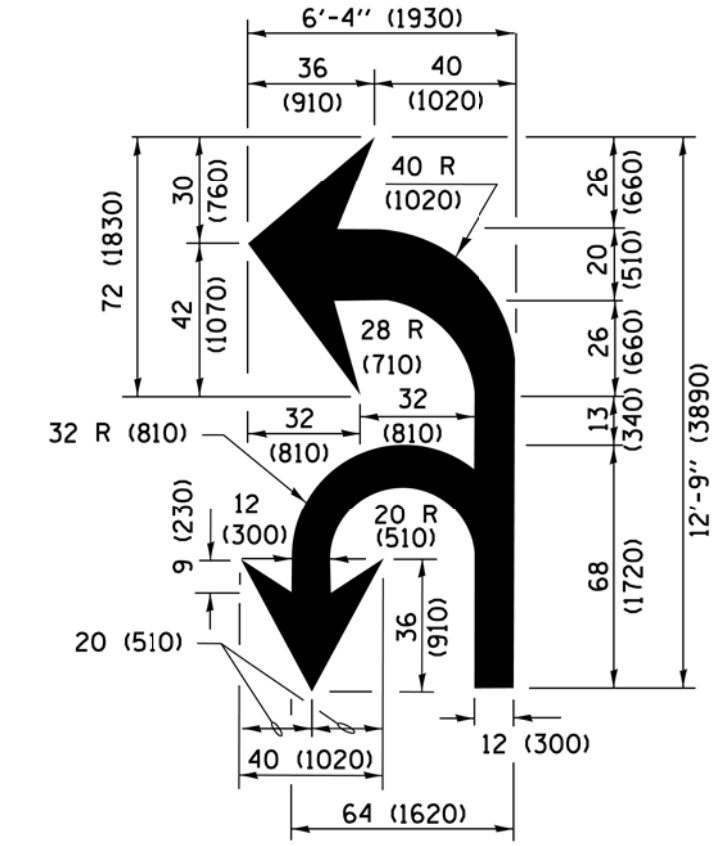
TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING



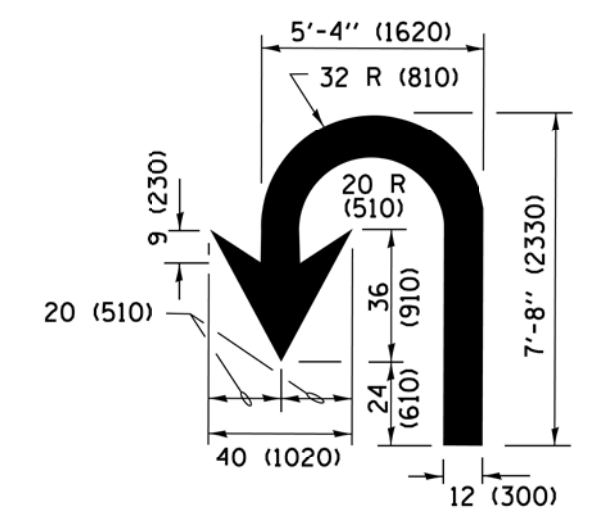
ISLAND OFFSET FROM PAVEMENT EDGE



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) 2 @ 4 (100) | SOLID SOLID | YELLOW YELLOW | 5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN |
| LANE LINES | 4 (100) 5 (125) ON FREEWAYS | SKIP-DASH SKIP-DASH | WHITE 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 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 8' (2.4m) LEFT ARROW | SKIP-DASH AND SOLID IN PAIRS | YELLOW 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 SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL |
| CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL) | 2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90° | SOLID SOLID SOLID | WHITE WHITE WHITE | NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART 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° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS | SOLID | YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC | 11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING. |
| GORE MARKING AND CHANNELIZING LINES | 8 (200) WITH 12 (300) DIAGONALS @ 45° | SOLID | WHITE | DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 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 AREA OF: "R"=3.6 SQ. FT. (0.33 m²) EACH "X"=54.0 SQ. FT. (5.0 m²) |
| SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8') | 12 (300) @ 45° | SOLID | WHITE - RIGHT YELLOW - LEFT | 50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 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.

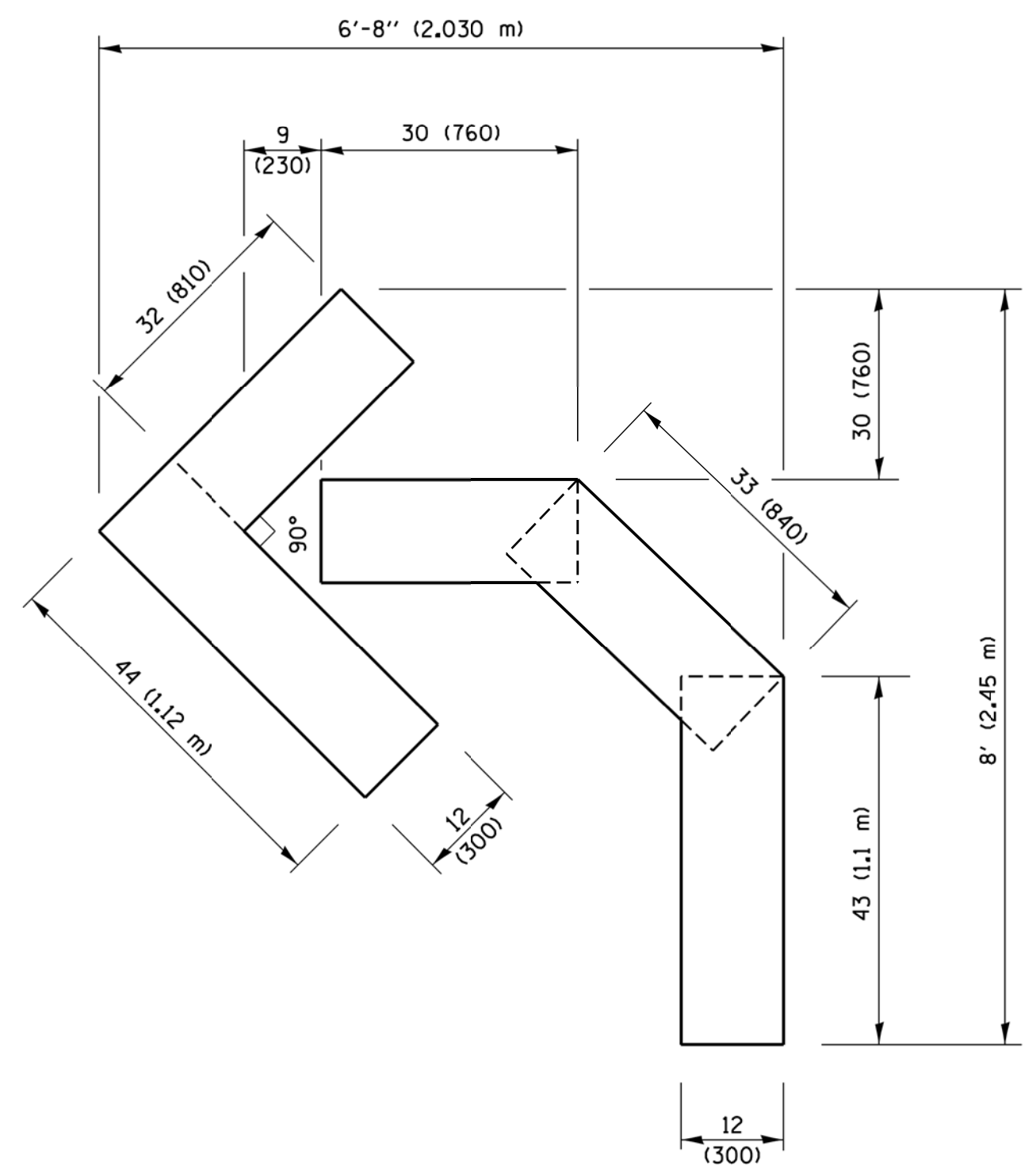
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| | | DRAWN - | REVISED - C. JUCIUS 07-01-13 |
| | | CHECKED - | REVISED - C. JUCIUS 12-21-15 |
| | | DATE - 03-19-90 | REVISED - C. JUCIUS 04-12-16 |

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

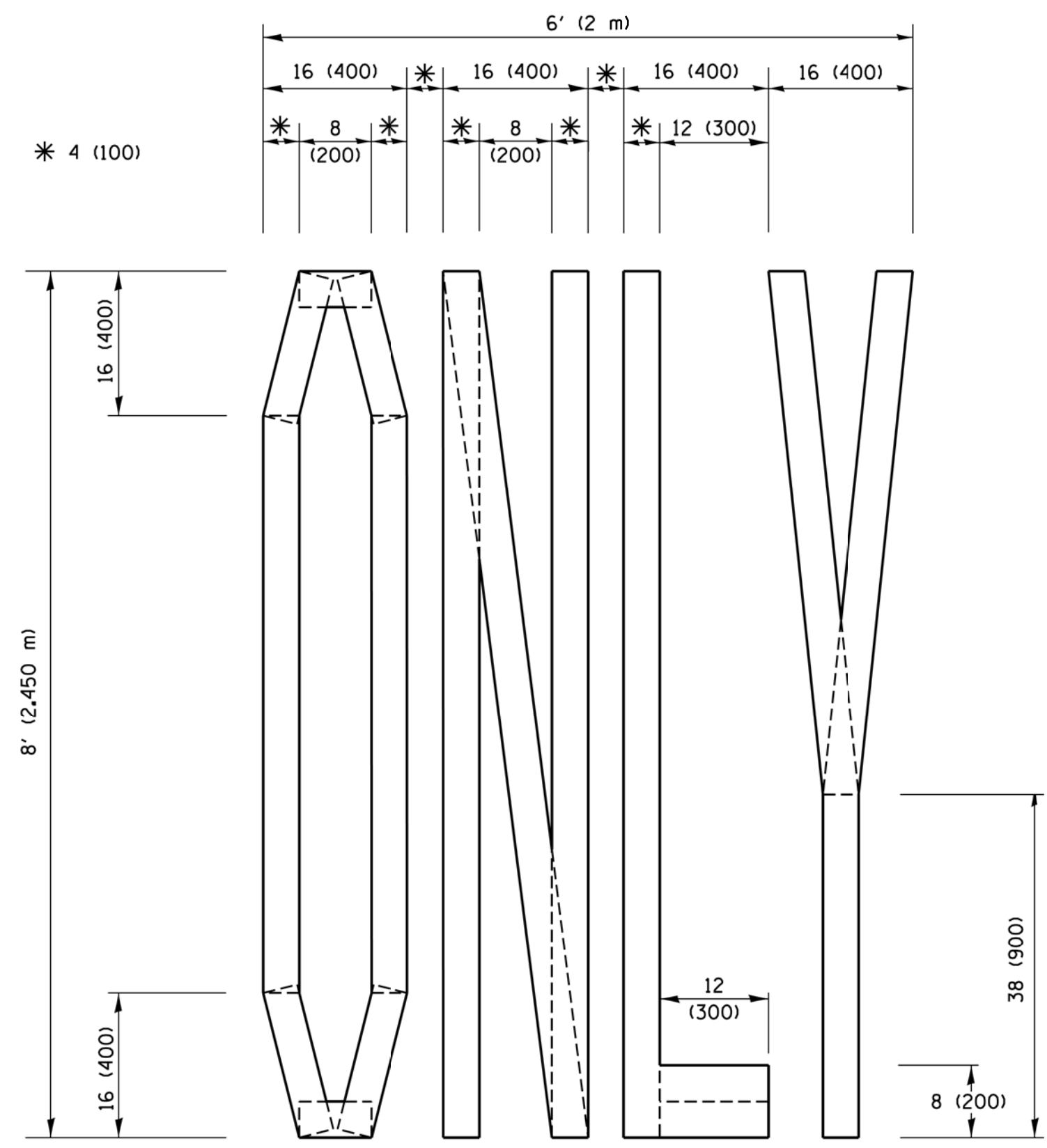
DISTRICT ONE TYPICAL PAVEMENT MARKINGS

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

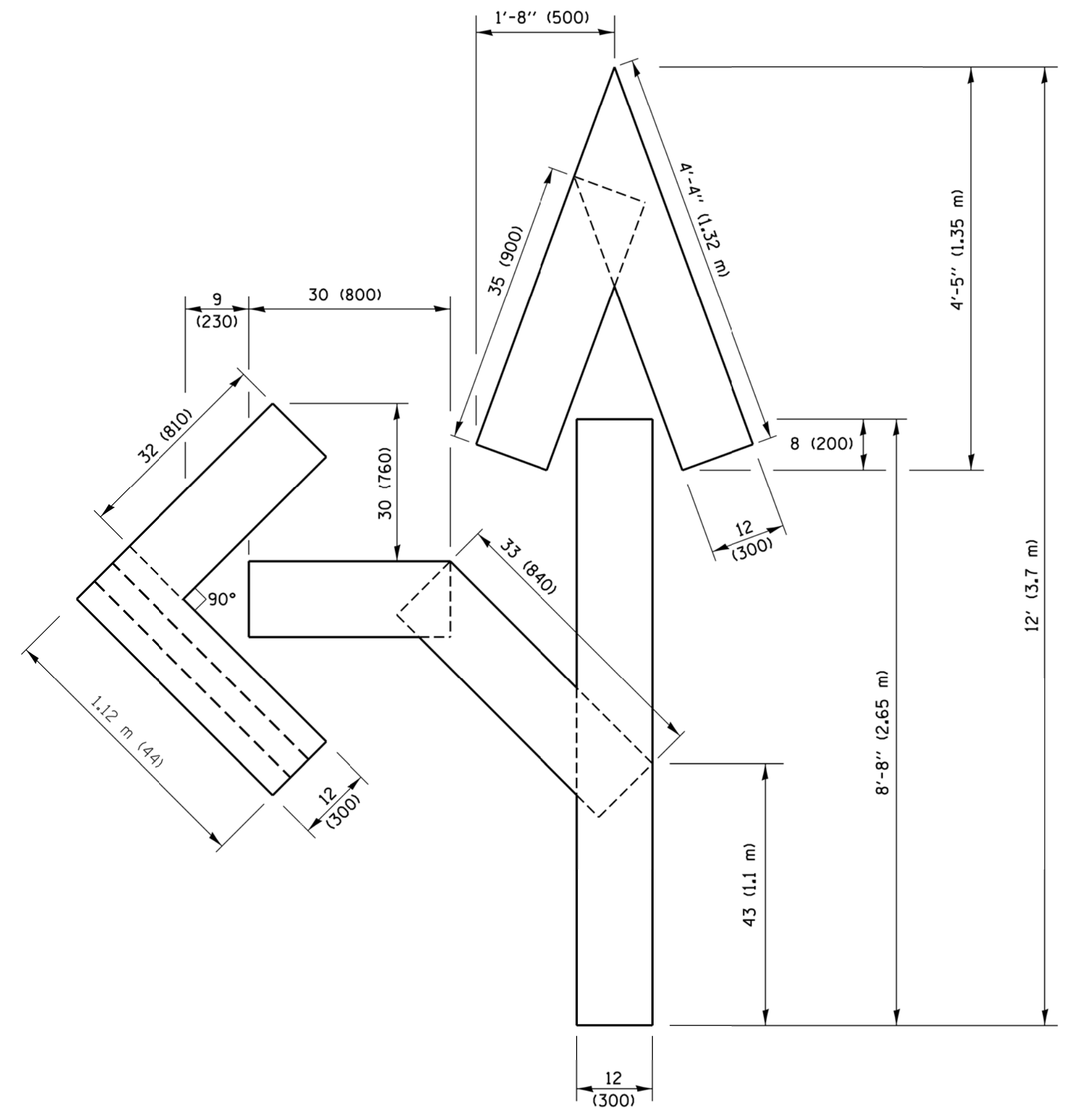
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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 228 |
| TC-13 | | CONTRACT NO. 61E16 | | |
| ILLINOIS FED. AID PROJECT | | | | |



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

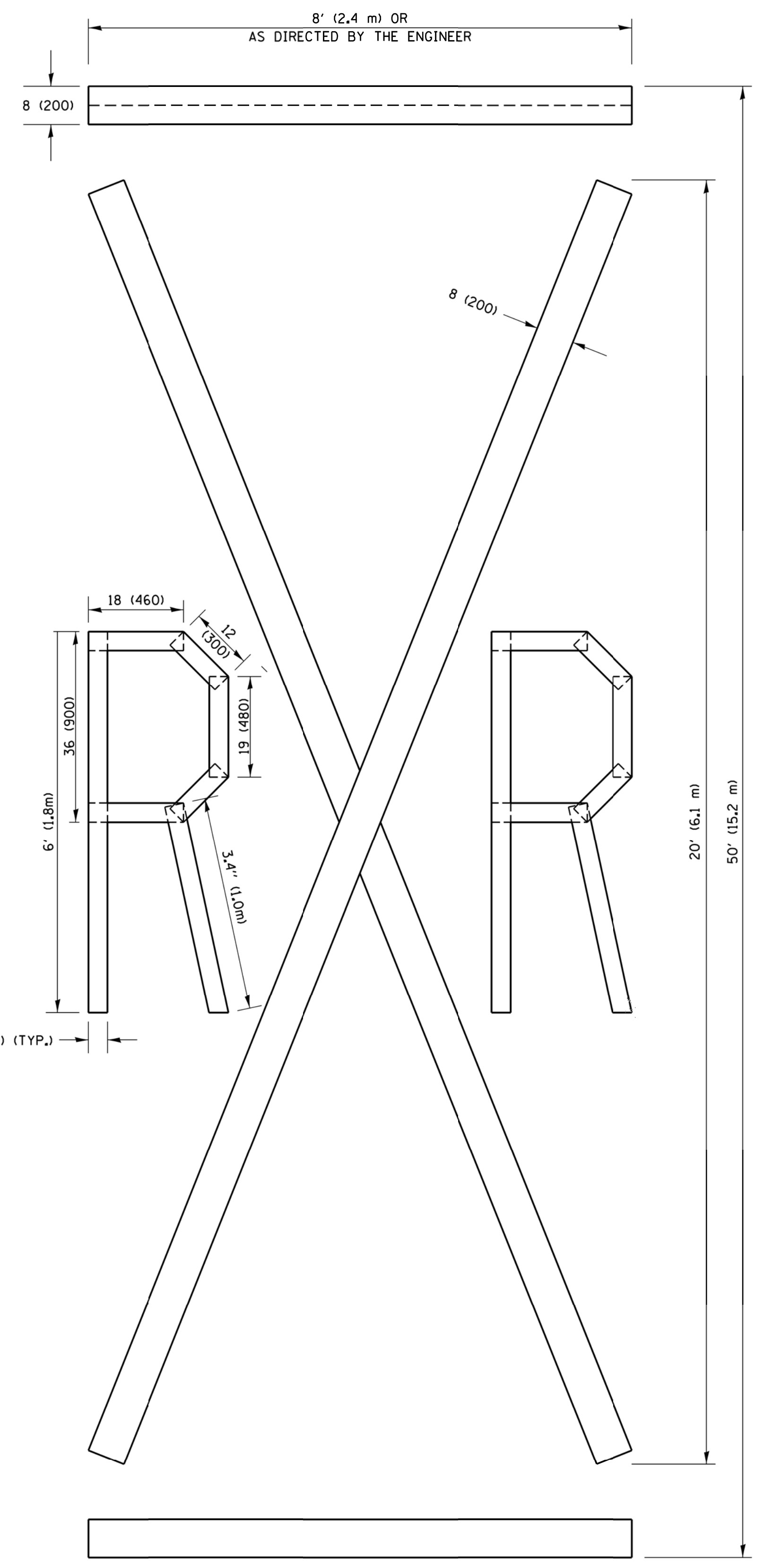


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



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

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



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

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


| | | | |
|--|---------------------|------------|---------------------------------|
| FILE NAME = | USER NAME = footemj | DESIGNED - | REVISED - T. RAMMACHER 03-02-98 |
| pw:\1L084EBIDINTEG\111nois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\Dist 1\CADData\CADsheets\16.dgn | | DRAWN - | REVISED - E. GOMEZ 08-28-00 |
| PLOT SCALE = 50.0000' / in. | | CHECKED - | REVISED - E. GOMEZ 08-28-00 |
| PLOT DATE = 9/15/2016 | | DATE - | REVISED - A. SCHUETZE 09-15-16 |


**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**


| | | | |
|--|-------------------------|------|---------|
| SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS | | | |
| SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA. |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|---------------------------|--------------|-----------|
| 2582 | 14-00115-01-PV | COOK | 274 | 229 |
| TC-16 | | CONTRACT NO. 61E16 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |






ROUTE MARKERS

 FOR U.S. ROUTES
M1-40-2424



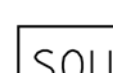
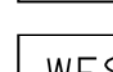
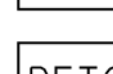
 FOR ILLINOIS ROUTES
M1-50-2424

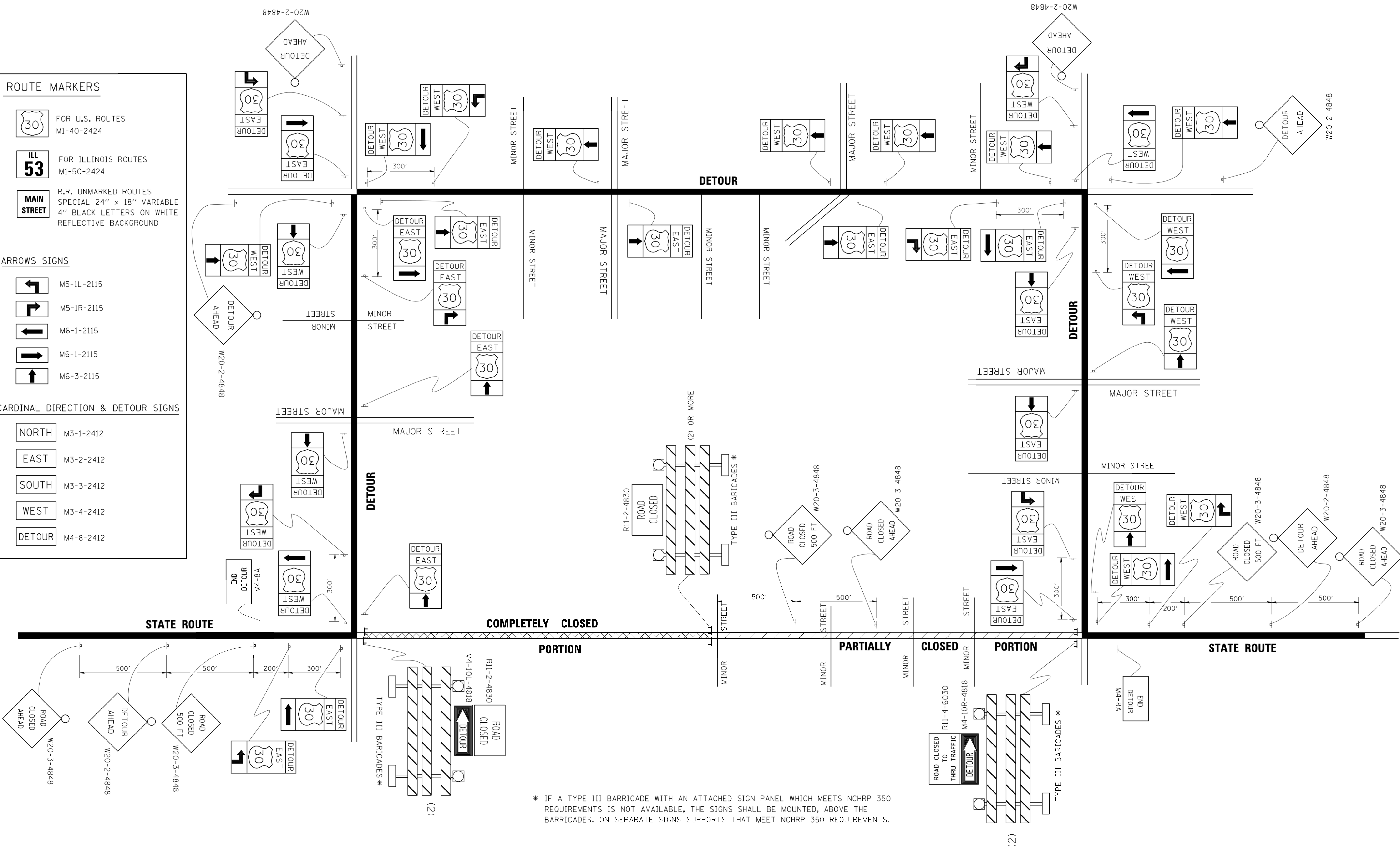
 R.R., UNMARKED ROUTES
SPECIAL 24" x 18" VARIABLE
4" BLACK LETTERS ON WHITE
REFLECTIVE BACKGROUND

ARROWS SIGNS

-  M5-1L-2115
-  M5-1R-2115
-  M6-1-2115
-  M6-2-2115
-  M6-3-2115

CARDINAL DIRECTION & DETOUR SIGNS

-  NORTH M3-1-2412
-  EAST M3-2-2412
-  SOUTH M3-3-2412
-  WEST M3-4-2412
-  DETOUR M4-8-2412



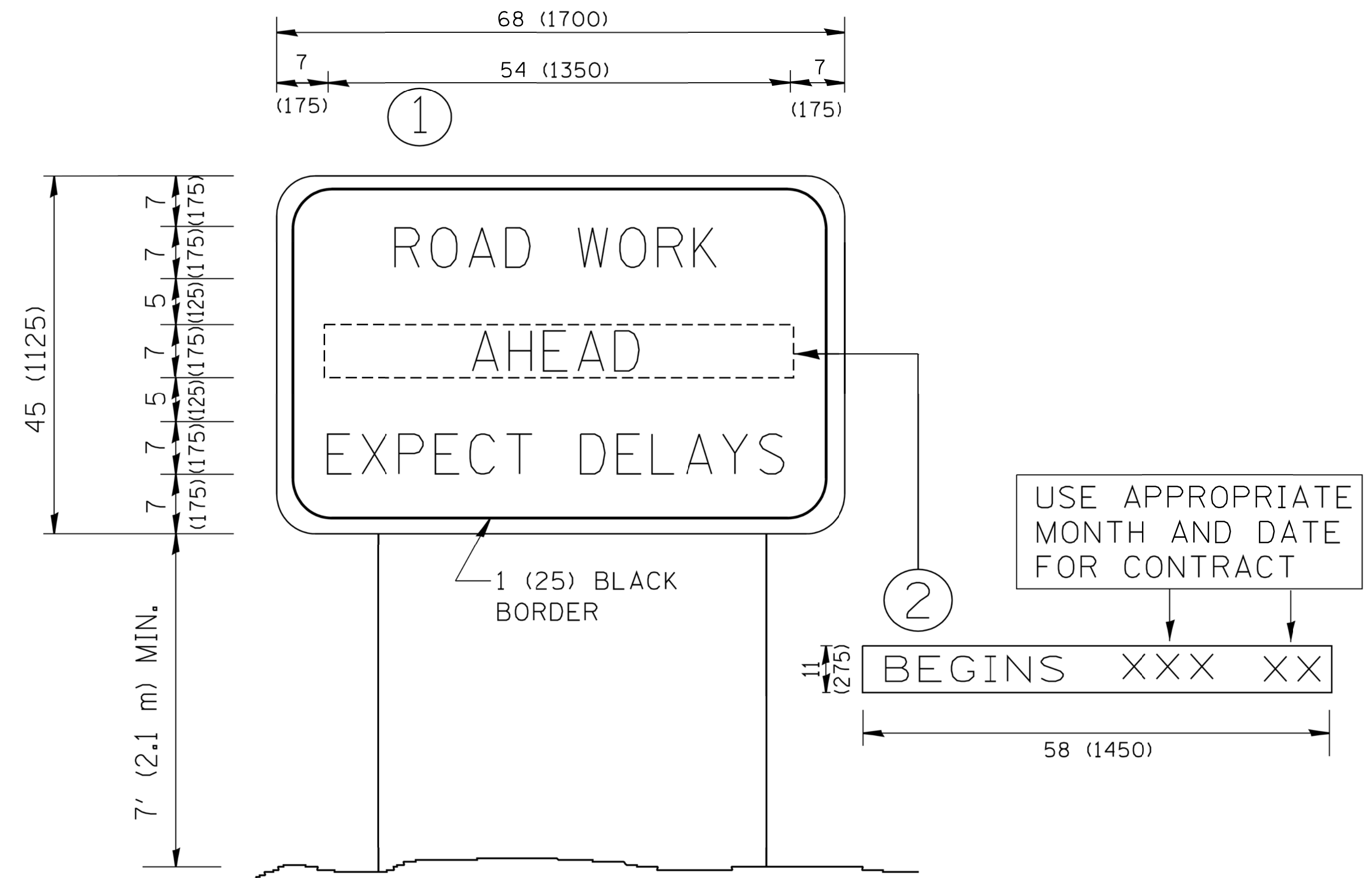
* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

| | | | |
|--|------------------------|-----------------------------|----------------------------|
| FILE NAME = | USER NAME = drivakosgn | DESIGNED - | REVISED - 10-18-02 |
| et:\pwwork\pwwork\DRIVAKOSGN\d0108315\1421.dgn | | DRAWN - | REVISED - R. BORO 09-14-09 |
| | | PLOT SCALE = 49.9999 // IN. | REVISED - |
| | | CHECKED - | REVISED - |
| | | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| DETOUR SIGNING FOR CLOSING STATE HIGHWAYS | | | |
|--|-------------------------|------|---------|
| SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA. |

| | | | | |
|---|----------------|--------------------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 230 |
| TC-21 | | CONTRACT NO. 61E16 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

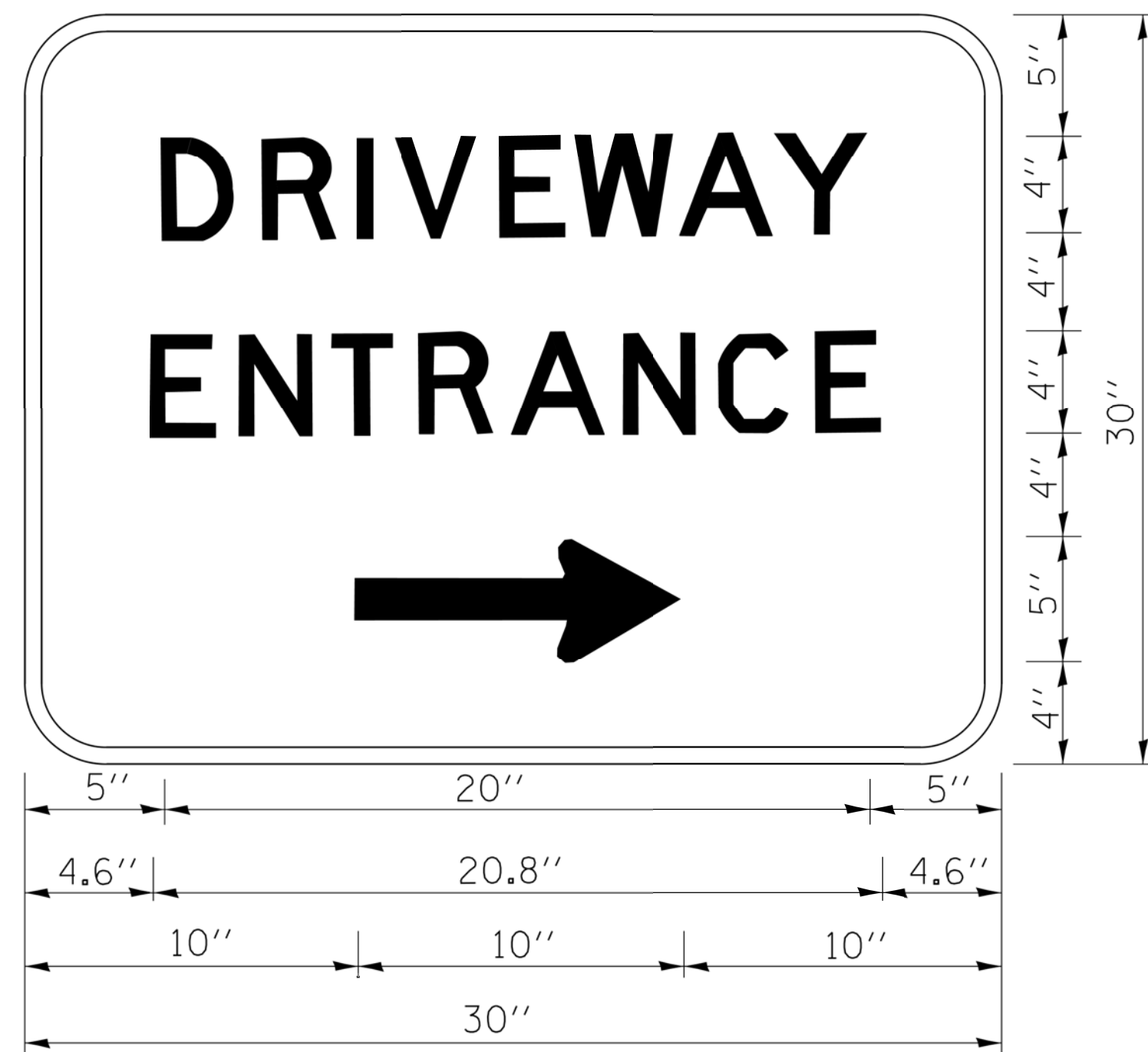


NOTES:

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.

| | | | | | | | | | | | | | | | |
|--|----------------------------|-----------------------|--|---|---|-------------|------|---|---------|---------------------------|-----------------|----------------|------|-----|-----|
| FILE NAME = W:\diststd\22x34\to22.dgn | USER NAME = geglonebt | DESIGNED - DRAWN - | REVISED - R. MIRS 09-15-97 REVISED - R. MIRS 12-11-97 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | ARTERIAL ROAD INFORMATION SIGN | | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | | | |
| | PLOT SCALE = 50.000' / IN. | CHECKED - | REVISED - T. RAMMACHER 02-02-99 | | SCALE: NONE | SHEET NO. 1 | OF 1 | SHEETS | STA. | TO STA. | 2582 | 14-00115-01-PV | COOK | 274 | 231 |
| | PLOT DATE = 1/4/2008 | DATE - | REVISED - C. JUCIUS 01-31-07 | | | | | TC-22 | | CONTRACT NO. 61E16 | | | | | |
| | | | | | | | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | | | | |



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

NOTES:

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

| | | | |
|---------------------------------------|----------------------------|------------|------------------------------|
| FILE NAME = | USER NAME = gaglianob | DESIGNED - | REVISED - C. JUCIUS 02-15-07 |
| et:\pwork\pwork\gaglianob\d0108315\te | 26.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 50.000' / in. | CHECKED - | REVISED - |
| | PLOT DATE = 12/13/2012 | DATE - | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

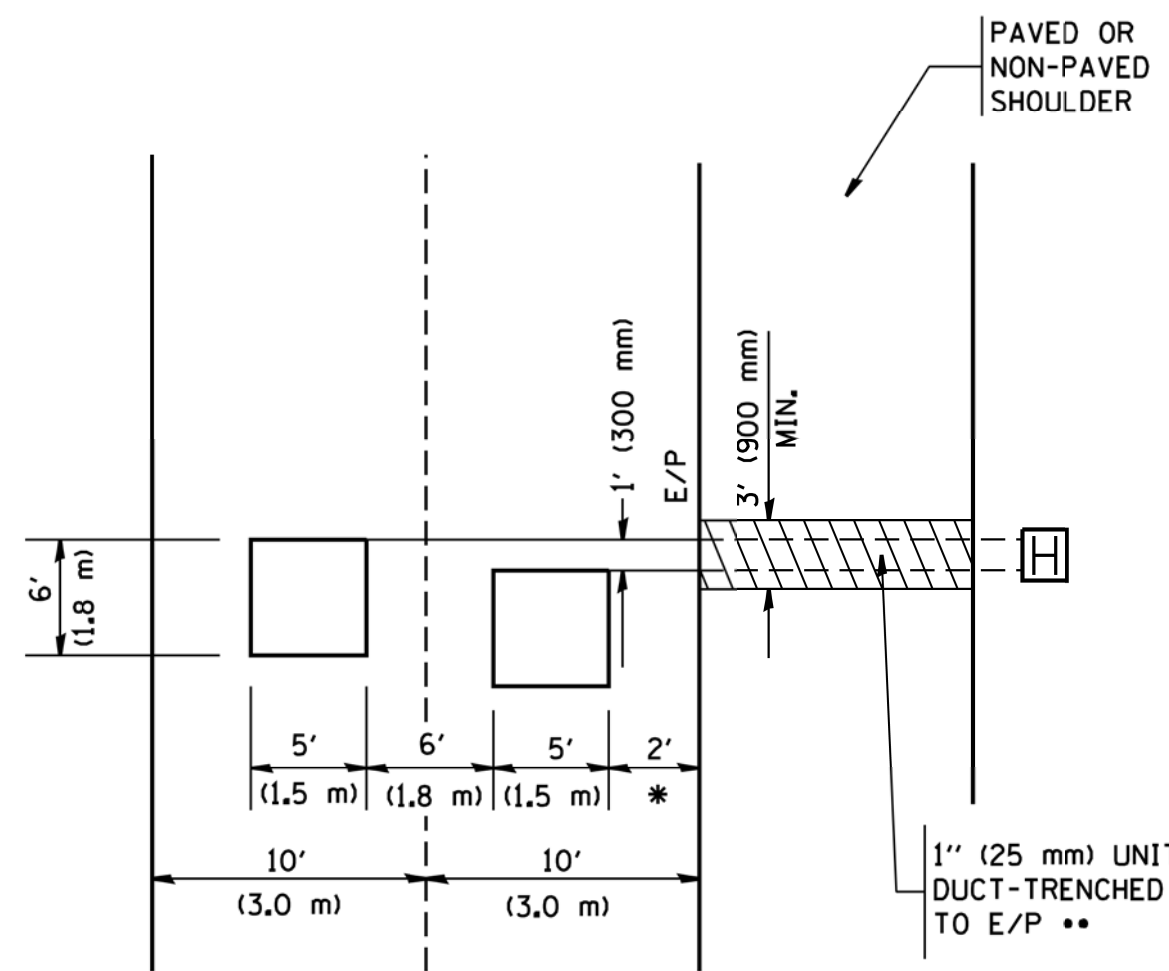
DRIVEWAY ENTRANCE SIGNING

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|--------|---------------------------|-----------|
| 2582 | 14-00115-01-PV | COOK | 274 | 232 |
| TC-26 | | | CONTRACT NO. 61E16 | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

LOOPS NEXT TO SHOULDERS

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



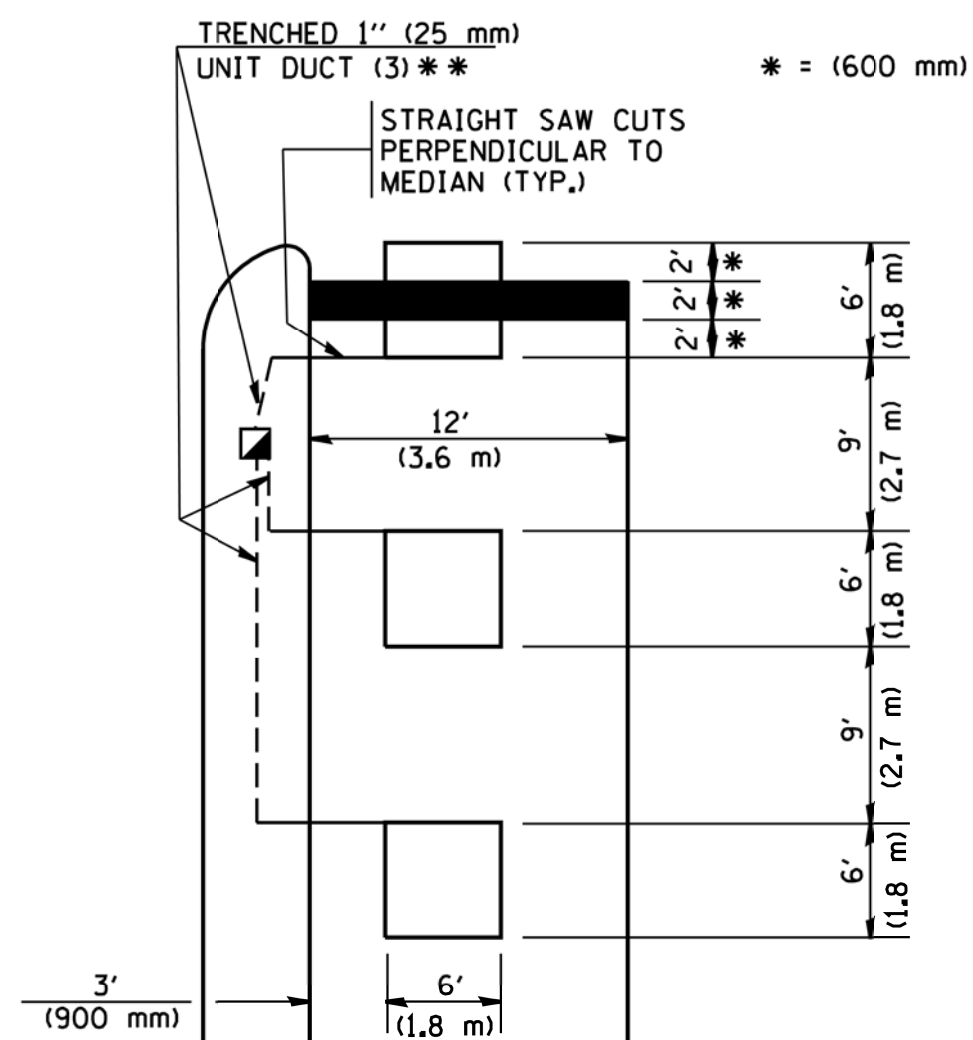
* = (600 mm)

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

**LEFT TURN LANES WITH MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH**

(PROTECTED / PERMITTED LEFT TURN PHASING)

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



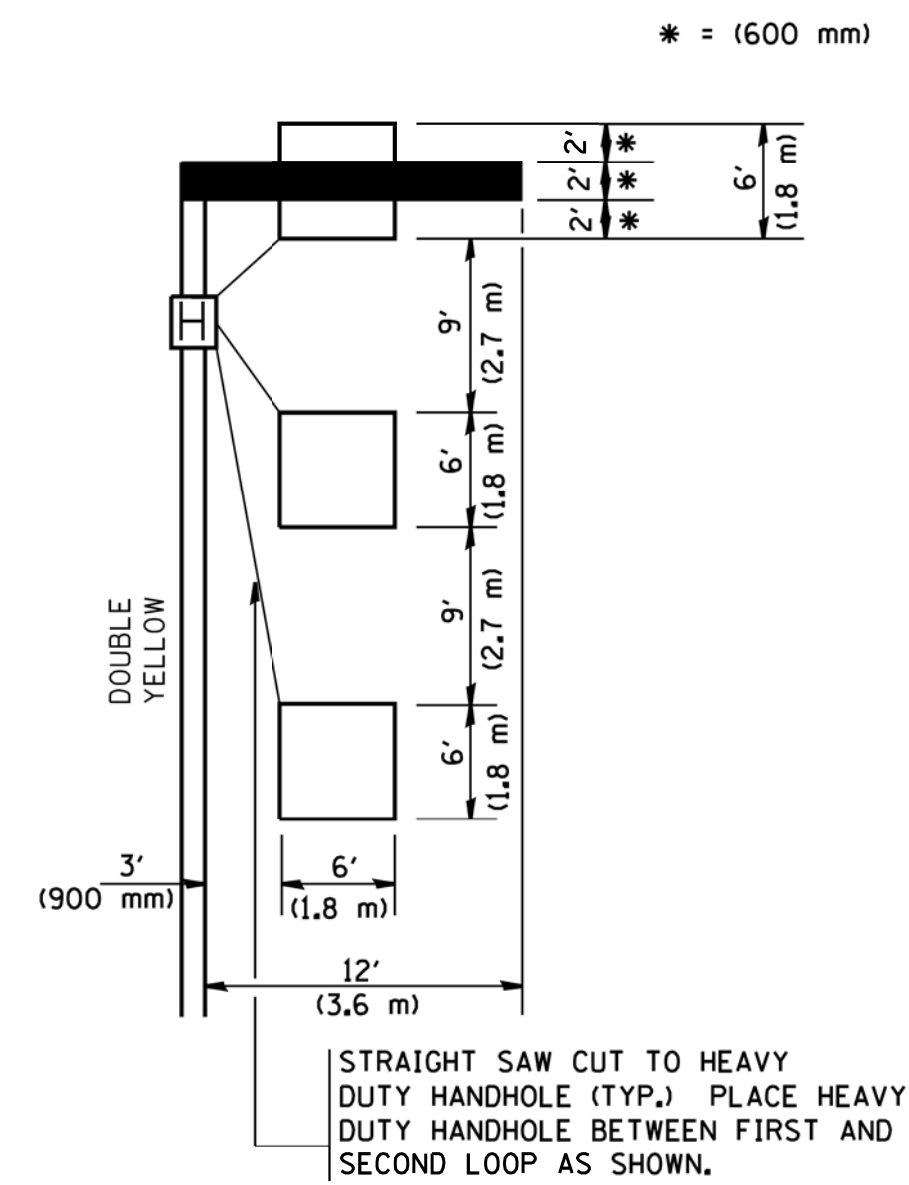
* = (600 mm)

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

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

**LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH**

(PROTECTED / PERMITTED LEFT TURN PHASING)



* = (600 mm)

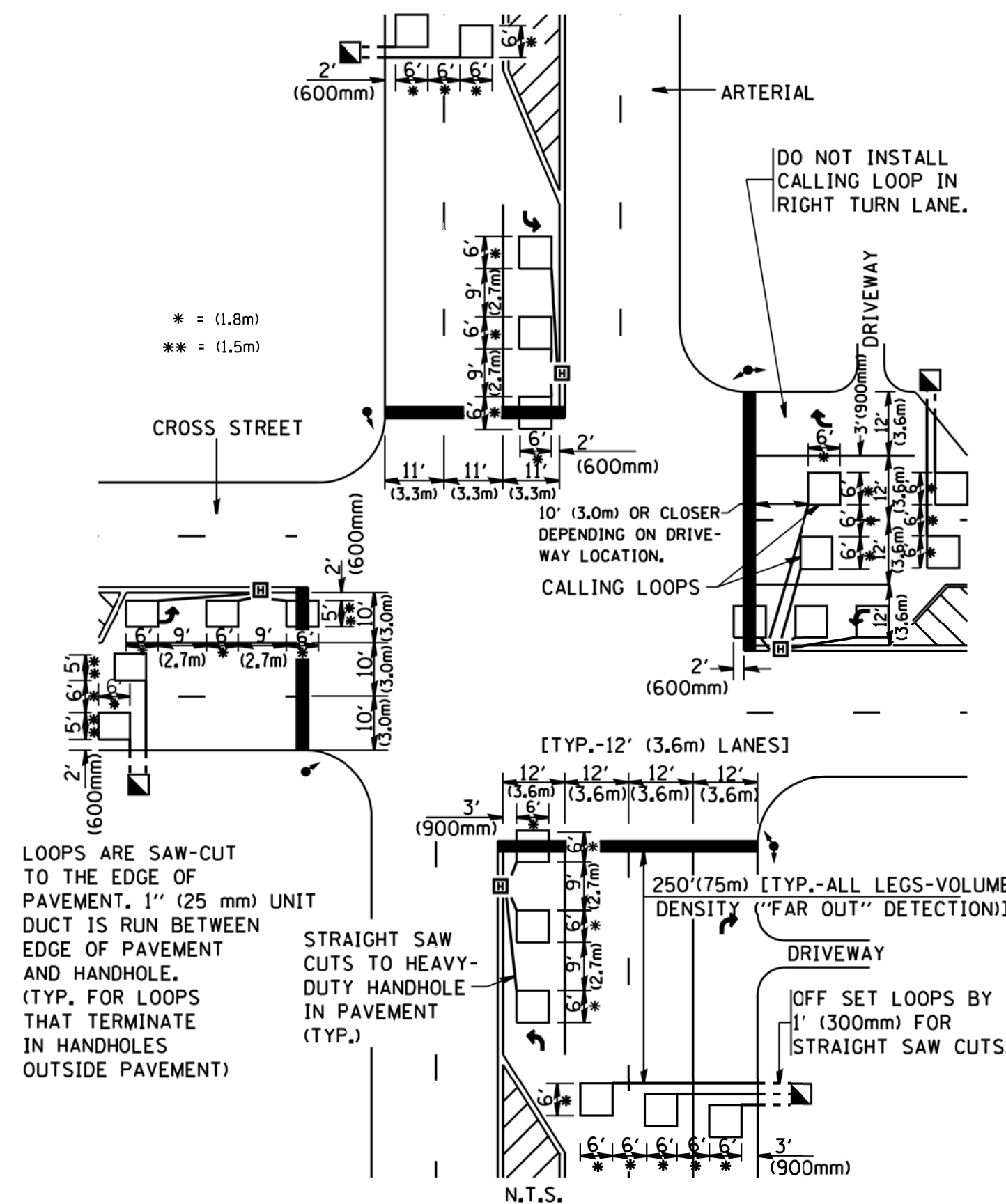
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

NOTES:

VEHICLES LOOP DETECTORS

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

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

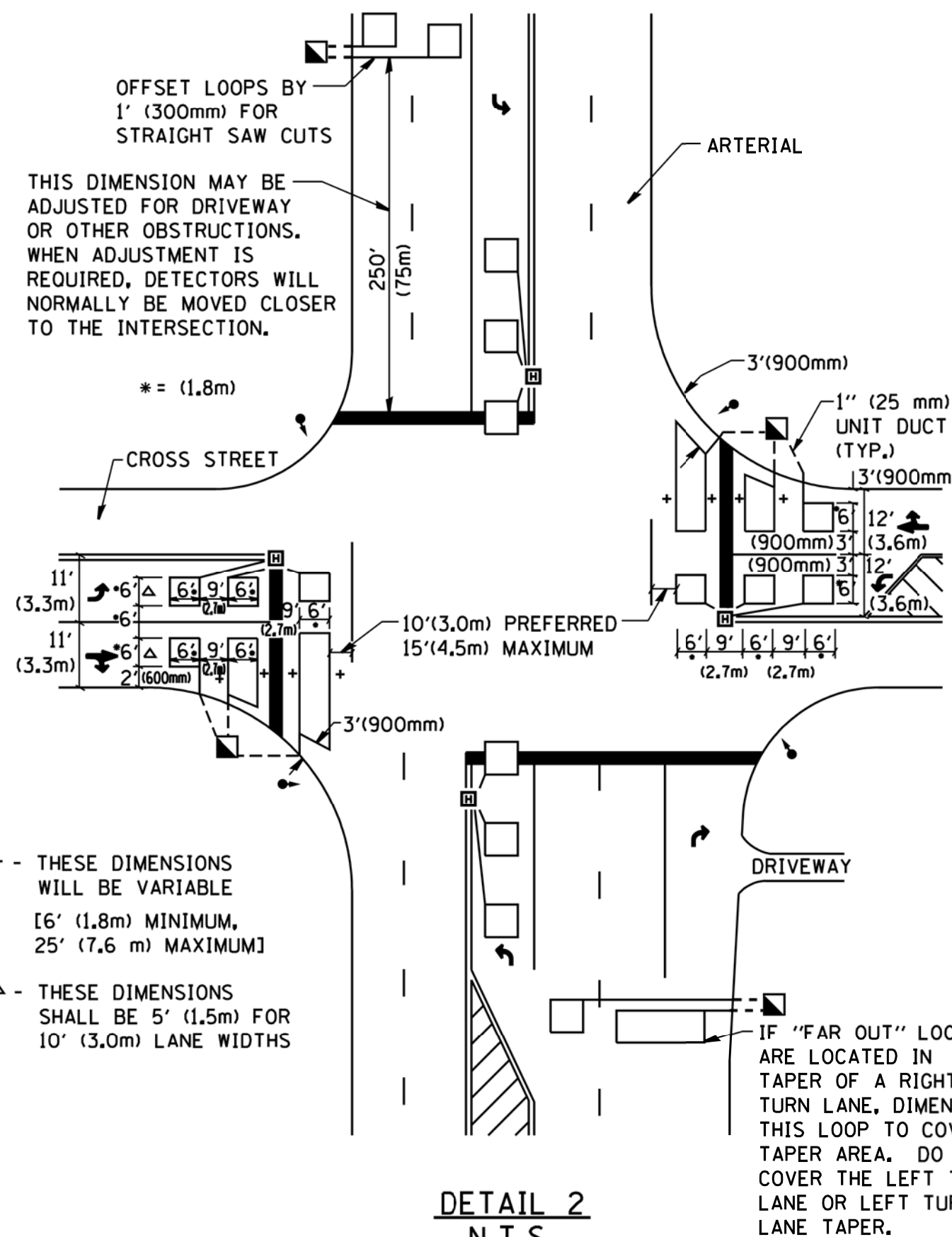


LOOPS ARE SAW-CUT TO THE EDGE OF PAVEMENT. 1" (25 mm) UNIT DUCT IS RUN BETWEEN EDGE OF PAVEMENT AND HANDHOLE. (TYP. FOR LOOPS THAT TERMINATE IN HANDHOLES OUTSIDE PAVEMENT)

STRAIGHT SAW CUTS TO HEAVY-DUTY HANDHOLE IN PAVEMENT (TYP.)

DETAIL 1
N.T.S.

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



+ - THESE DIMENSIONS WILL BE VARIABLE [6' (1.8m) MINIMUM, 25' (7.6 m) MAXIMUM]

△ - THESE DIMENSIONS SHALL BE 5' (1.5m) FOR 10' (3.0m) LANE WIDTHS

IF "FAR OUT" LOOPS ARE LOCATED IN TAPER OF A RIGHT TURN LANE, DIMENSION THIS LOOP TO COVER TAPER AREA. DO NOT COVER THE LEFT TURN LANE OR LEFT TURN LANE TAPER.

DETAIL 2
N.T.S.

PLACEMENT OF DETECTORS

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

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

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

NOTE:

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

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

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|--|-----------------------------|------------------|-----------|
| FILE NAME = W:\diststd\22x34\ts07.dgn | USER NAME = geglanoht | DESIGNED - | REVISED - |
| | | DRAWN - | REVISED - |
| | PLOT SCALE = 50.0000' / IN. | CHECKED - R.K.F. | REVISED - |
| | PLOT DATE = 1/4/2008 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

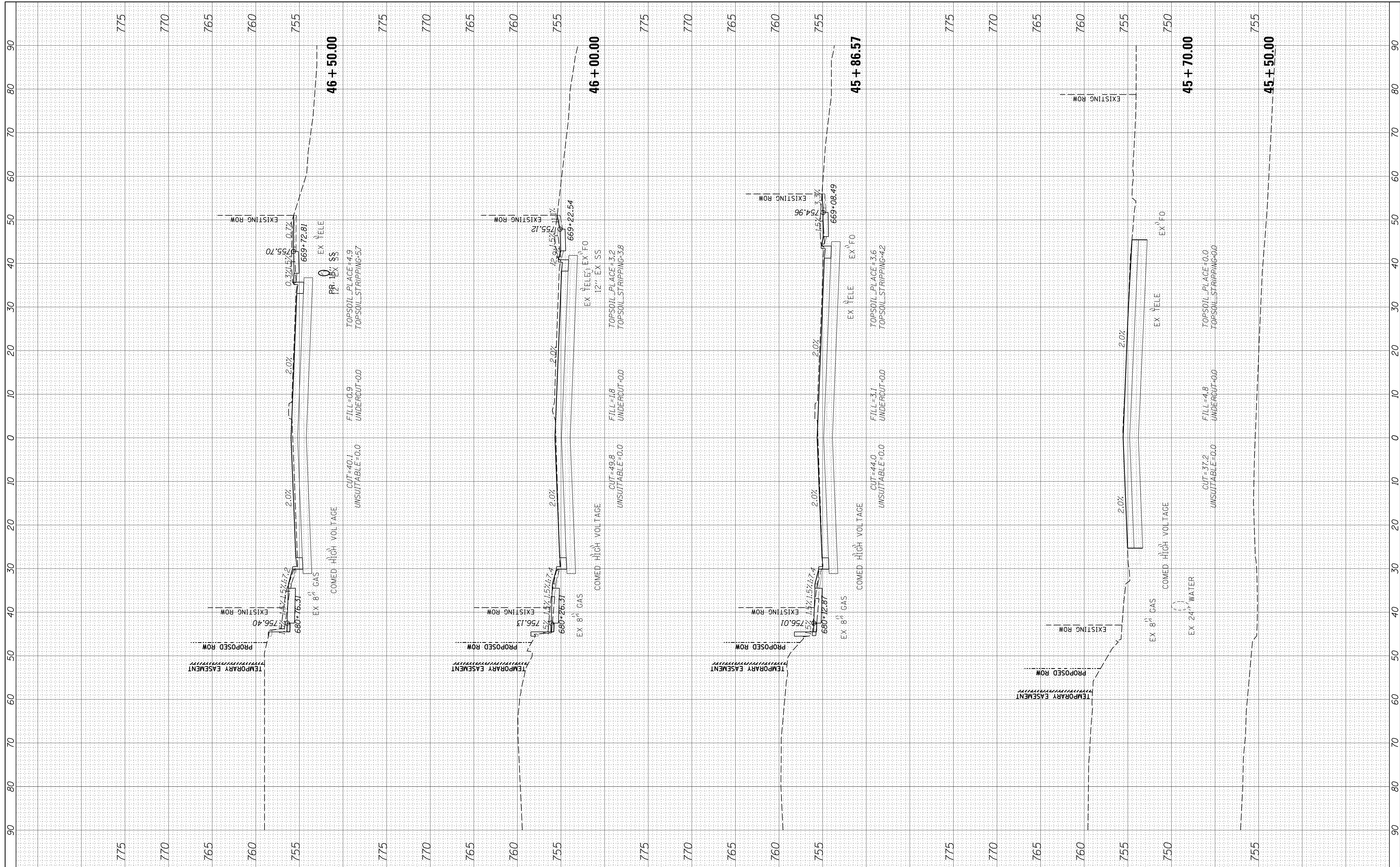
**DISTRICT 1 - DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

| | | | | |
|---|----------------|--------------------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 233 |
| TS-07 | | CONTRACT NO. 61E16 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

| | | | |
|--------------|---------------|----|------|
| FINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS CHECKED | | |

| | | | |
|-----------------|---------------|----|------|
| ORIGINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS CHECKED | | |



FILE NAME = N:\SCHAUMBURG\150321\Civil\XLS_150321.SHT
 USER NAME = jmillr
 PLOT SCALE = 1"=40'
 PLOT DATE = 6/12/2018

| | | | | |
|----------|---|----------------|---------|---|
| DESIGNED | - | BLL | REVISED | - |
| DRAWN | - | VAR | REVISED | - |
| CHECKED | - | JGS | REVISED | - |
| DATE | - | 12/20/17 FINAL | REVISED | - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

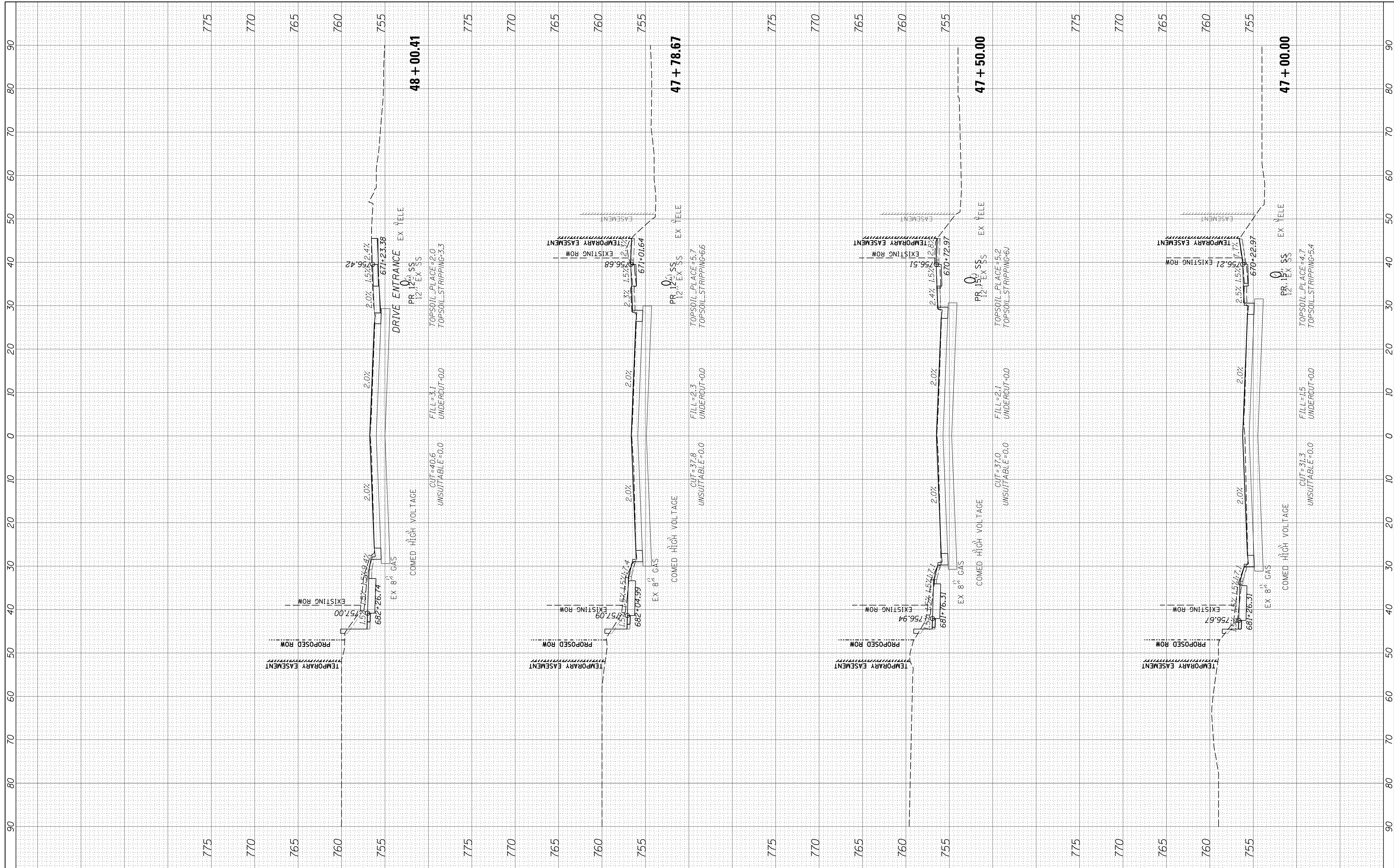
PLUM GROVE - CROSS SECTIONS

SCALE: 10H 5V SHEET 1 OF 26 SHEETS STA. 45+50.00 TO STA. 46+50.00

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 234 |
| CONTRACT NO. 61E16 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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|---------------|---------------|----|------|
| FINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
| AREAS CHECKED | TEMPLATE | | |
| | AREAS CHECKED | | |

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|-----------------|---------------|----|------|
| ORIGINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
| AREAS CHECKED | TEMPLATE | | |
| | AREAS CHECKED | | |



FILE NAME = N:\SCHAUMBURG\150321\Civil\XS_150321.SHT
 USER NAME = jmliler
 PLOT SCALE = 10'
 PLOT DATE = 6/12/2018

DESIGNED - BLL
 DRAWN - VAR
 CHECKED - JGS
 DATE - 12/20/17 FINAL

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

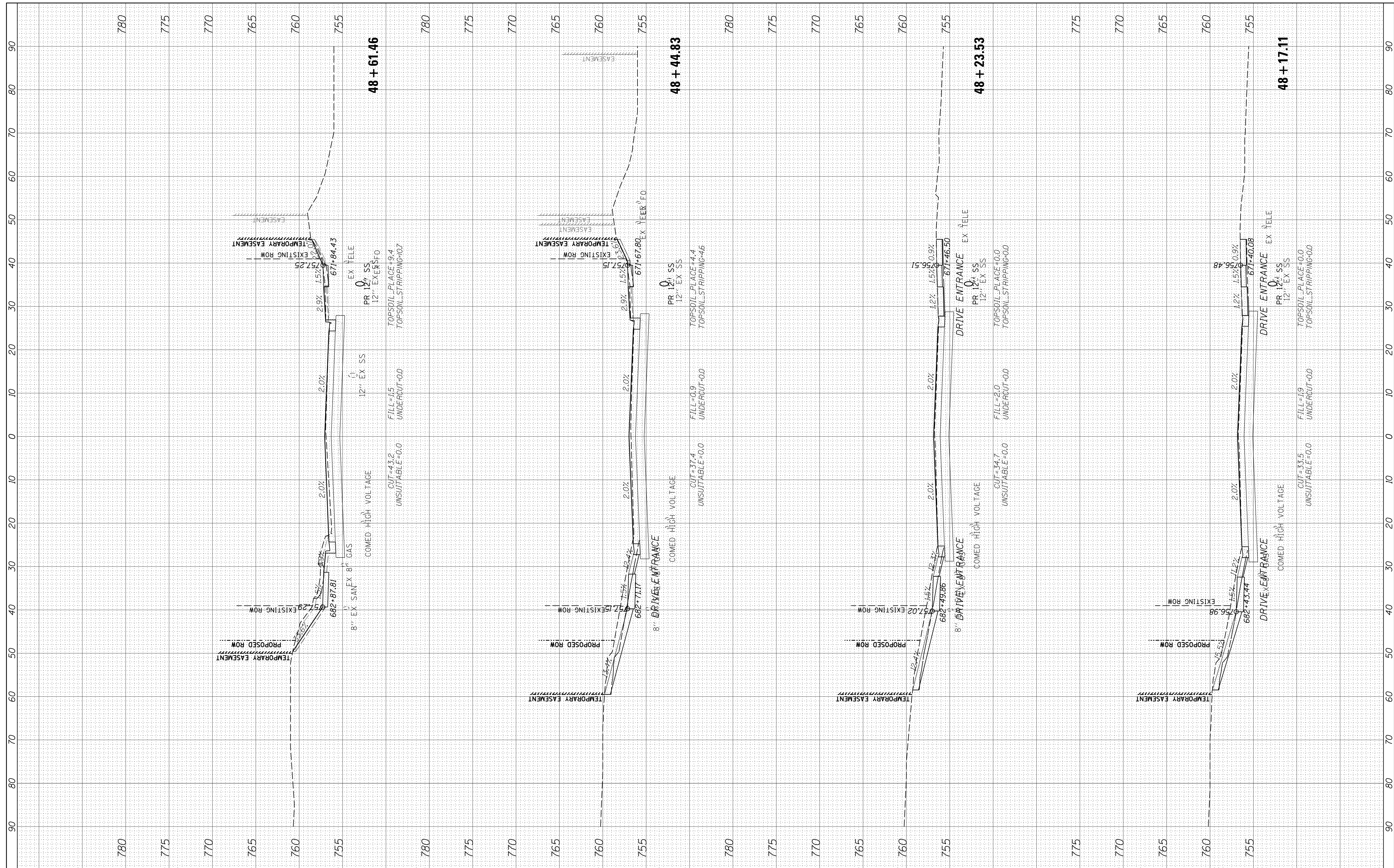
PLUM GROVE - CROSS SECTIONS

SCALE: 10H 5V SHEET 2 OF 26 SHEETS STA. 47+00.00 TO STA. 48+00.41

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 235 |
| CONTRACT NO. 61E16 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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|---------------|---------------|----|------|
| FINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
| AREAS CHECKED | TEMPLATE | | |
| NO. | AREAS CHECKED | | |

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|-----------------|---------------|----|------|
| ORIGINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
| AREAS CHECKED | TEMPLATE | | |
| NO. | AREAS CHECKED | | |



FILE NAME = N:\SCHAUMBURG\150321\Civil\XS_150321.SHT
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|-----------------------|
| USER NAME = jmlr |
| DESIGNED - BLL |
| DRAWN - VAR |
| CHECKED - JGS |
| DATE - 12/20/17 FINAL |

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| REVISED - |
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| REVISED - |
| REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

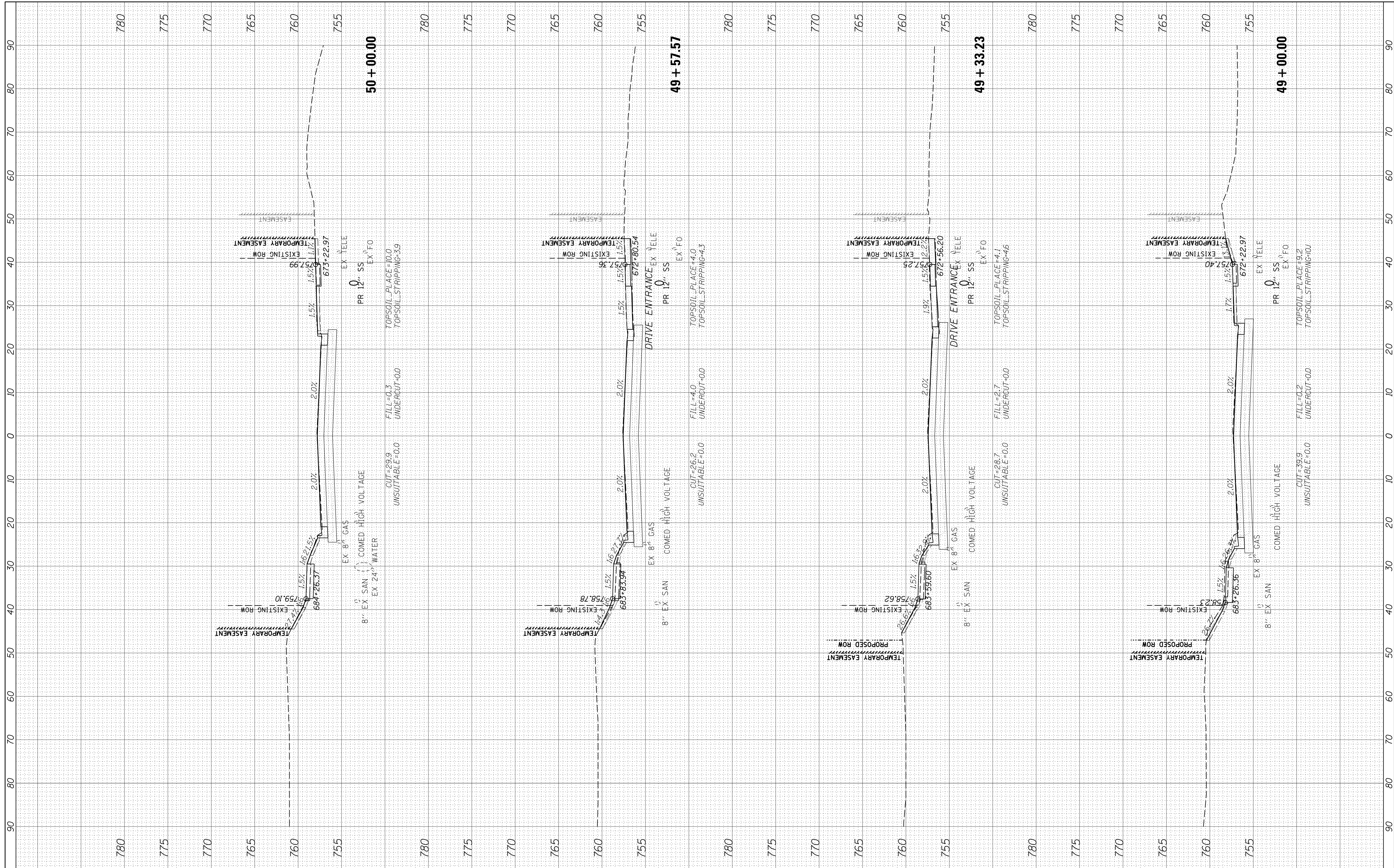
SCALE: 10H 5V SHEET 3 OF 26 SHEETS STA. 48+17.11 TO STA. 48+61.46

PLUM GROVE - CROSS SECTIONS

| | | | | |
|--------------------|----------------|--------|---------------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 236 |
| CONTRACT NO. 61E16 | | | ILLINOIS FED. AID PROJECT | |

| | | | |
|---------------|---------------|----|------|
| FINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
| AREAS CHECKED | TEMPLATE | | |
| NO. | AREAS CHECKED | | |

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|-----------------|---------------|----|------|
| ORIGINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
| AREAS CHECKED | TEMPLATE | | |
| NO. | AREAS CHECKED | | |



FILE NAME = N:\SCHAUMBURG\150321\Civil\XS_150321.SHT
 USER NAME = jmlr
 PLOT SCALE = 10'
 PLOT DATE = 6/12/2018

DESIGNED - BLL
 DRAWN - VAR
 CHECKED - JGS
 DATE - 12/20/17 FINAL

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

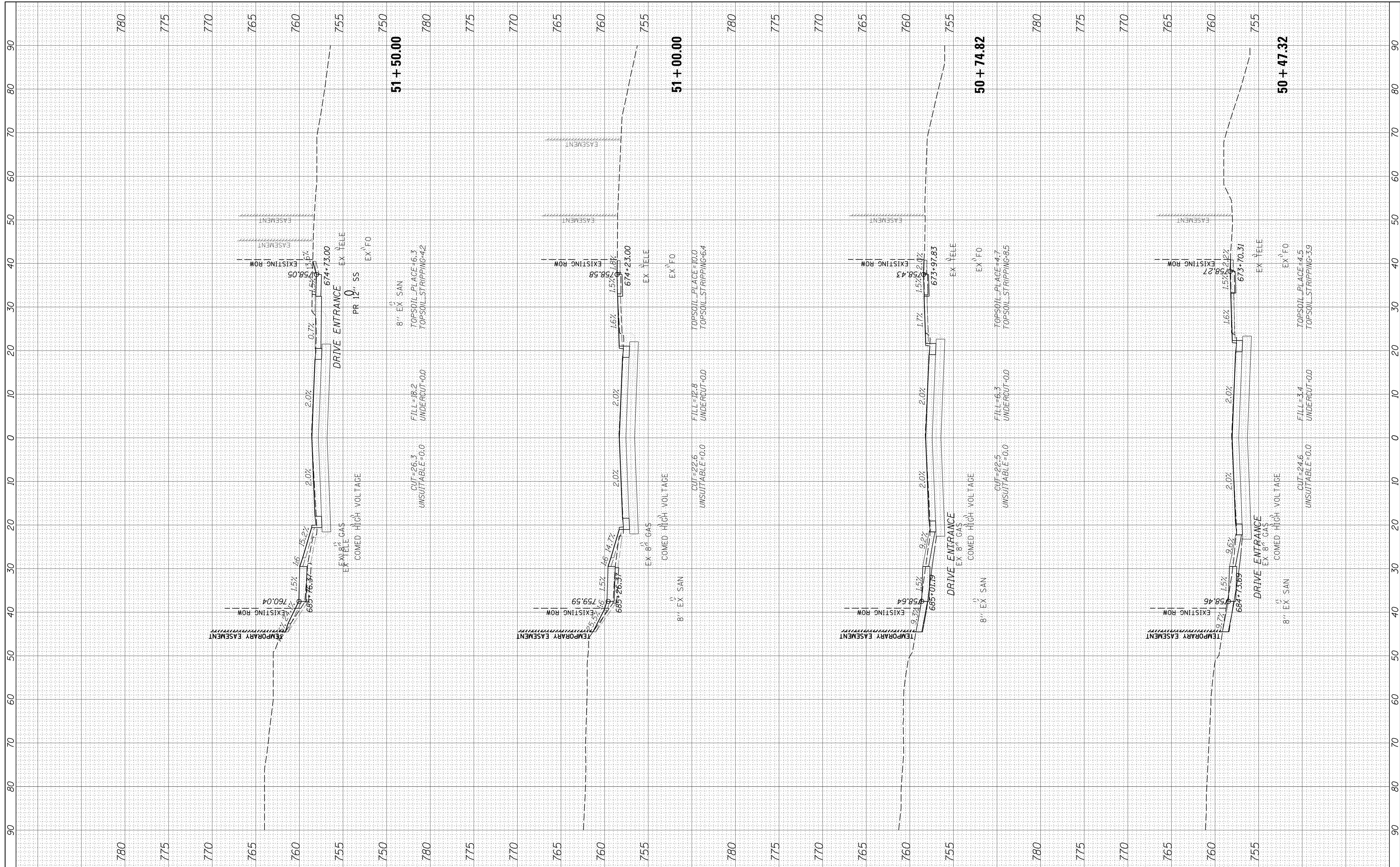
PLUM GROVE - CROSS SECTIONS

SCALE: 10H 5V SHEET 4 OF 26 SHEETS STA. 49+00.00 TO STA. 50+00.00

| | | | | |
|--------------------|---------------|--------|---------------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-0015-01-PV | COOK | 274 | 237 |
| CONTRACT NO. 61E16 | | | ILLINOIS FED. AID PROJECT | |

| | | | |
|--------------|---------------|----|------|
| FINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS CHECKED | | |

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|-----------------|---------------|----|------|
| ORIGINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS CHECKED | | |



FILE NAME = N:\SCHAUMBURG\150321\Civil\XS_150321.SHT
 USER NAME = jmillr
 PLOT SCALE = 10'
 PLOT DATE = 6/12/2018

| | | | | |
|----------|---|----------------|---------|---|
| DESIGNED | - | BLL | REVISED | - |
| DRAWN | - | VAR | REVISED | - |
| CHECKED | - | JGS | REVISED | - |
| DATE | - | 12/20/17 FINAL | REVISED | - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

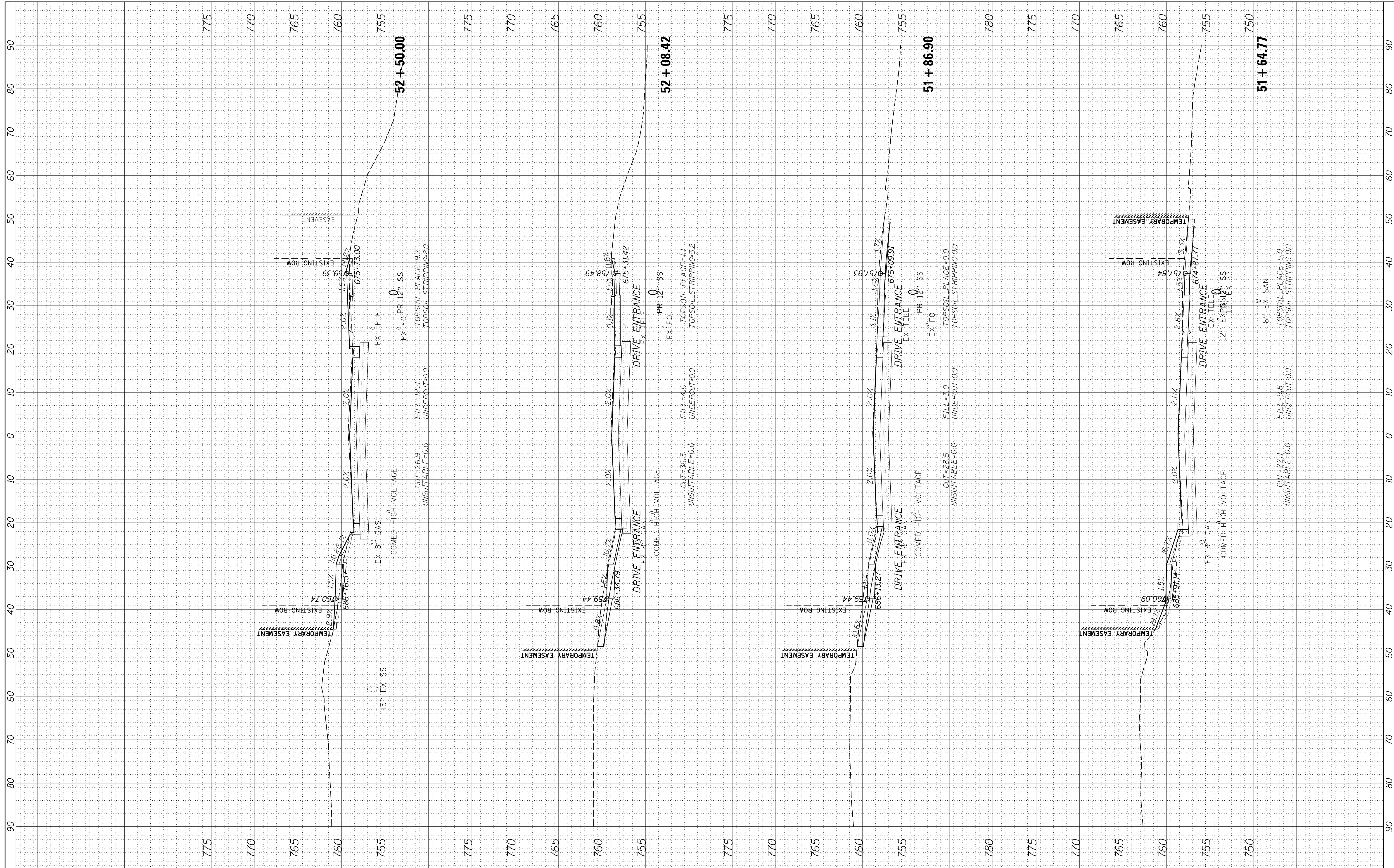
PLUM GROVE - CROSS SECTIONS

SCALE: 10H 5V SHEET 5 OF 26 SHEETS STA. 50+47.32 TO STA. 51+50.00

| | | | | |
|--------------------|----------------|--------|---------------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 238 |
| CONTRACT NO. 61E16 | | | ILLINOIS FED. AID PROJECT | |

| | | | |
|--------------|---------------|----|------|
| FINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS CHECKED | | |

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|-----------------|---------------|----|------|
| ORIGINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS CHECKED | | |



FILE NAME = N:\SCHAUMBURG\150321\Civil\XLS_150321.SHT
 USER NAME = jmillr
 PLOT SCALE = 10'
 PLOT DATE = 6/12/2018

| | | |
|----------|---|----------------|
| DESIGNED | - | BLL |
| DRAWN | - | VAR |
| CHECKED | - | JGS |
| DATE | - | 12/20/17 FINAL |

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

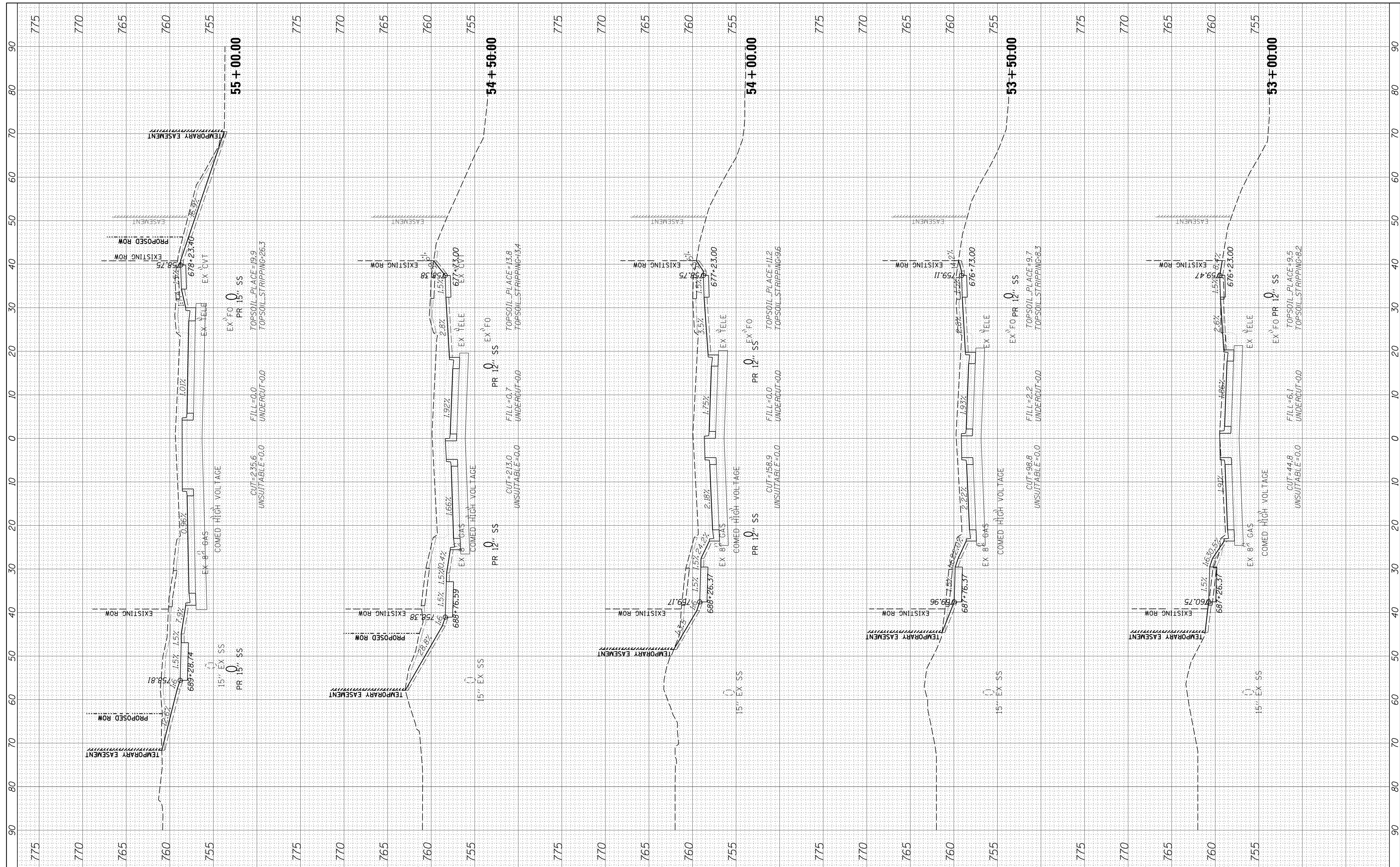
PLUM GROVE - CROSS SECTIONS

SCALE: 10H 5V SHEET 6 OF 26 SHEETS STA. 51+64.77 TO STA. 52+50.00

| | | | | |
|--------------------|----------------|--------|---------------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 239 |
| CONTRACT NO. 61E16 | | | ILLINOIS FED. AID PROJECT | |

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| FINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
| AREAS CHECKED | TEMPLATE | | |
| NO. | AREAS CHECKED | | |

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|-----------------|---------------|----|------|
| ORIGINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
| AREAS CHECKED | TEMPLATE | | |
| NO. | AREAS CHECKED | | |



FILE NAME = N:\SCHAUMBURG\150321\Civil\XSS_150321.SHT
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DESIGNED - BLL
 DRAWN - VAR
 CHECKED - JGS
 DATE - 12/20/17 FINAL

REVISED -
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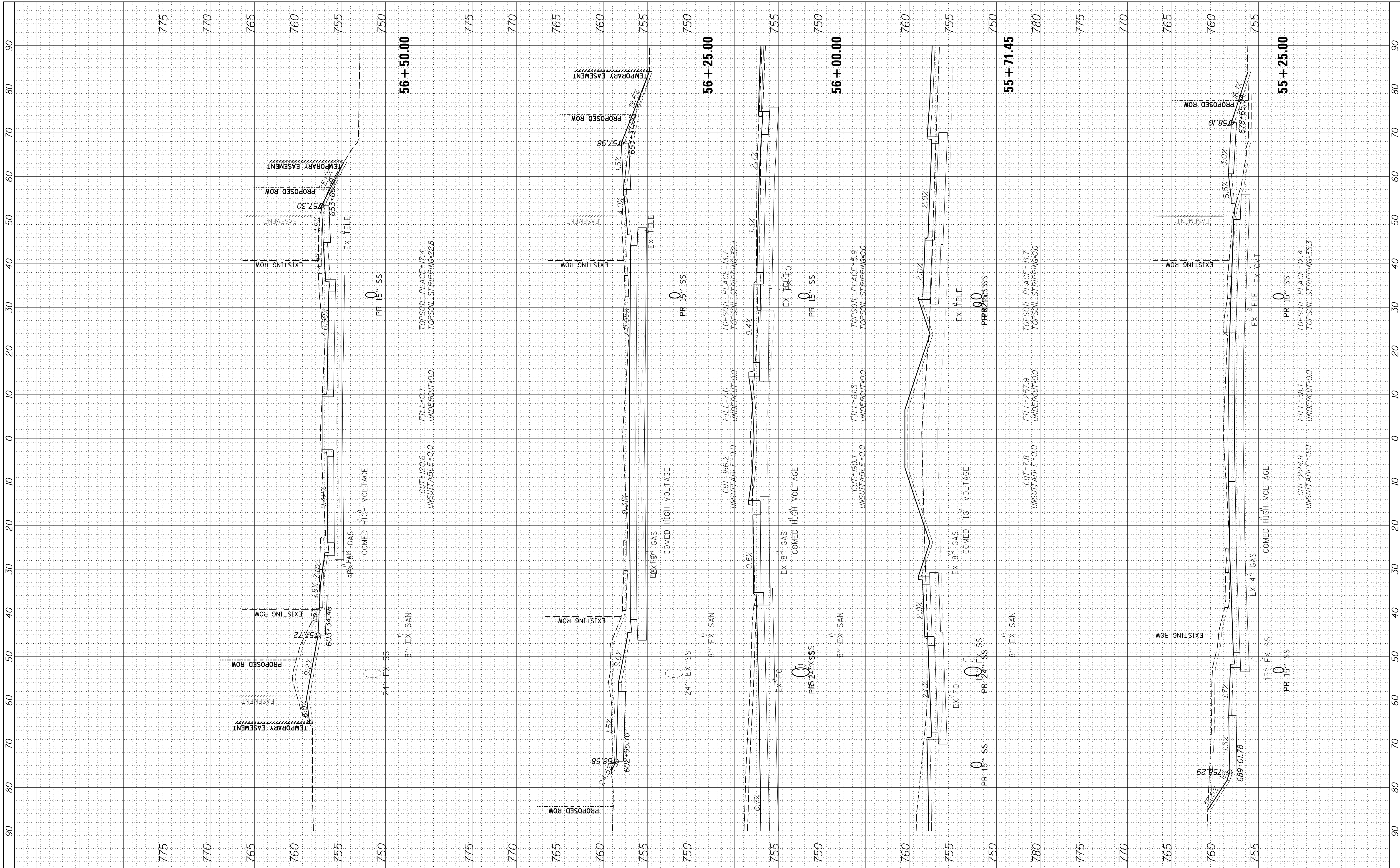
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLUM GROVE - CROSS SECTIONS
 SCALE: 10H 5V SHEET 7 OF 26 SHEETS STA. 53+00.00 TO STA. 55+00.00

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RT. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 240 |
| CONTRACT NO. 61E16 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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|--------------|---------------|----|------|
| FINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS CHECKED | | |

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|-----------------|---------------|----|------|
| ORIGINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS CHECKED | | |



FILE NAME = N:\SCHAUMBURG\150321\Civil\XLS_150321.SHT
 Default

USER NAME = jmillr
 DESIGNED - BLL
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 CHECKED - JGS
 DATE - 12/20/17 FINAL

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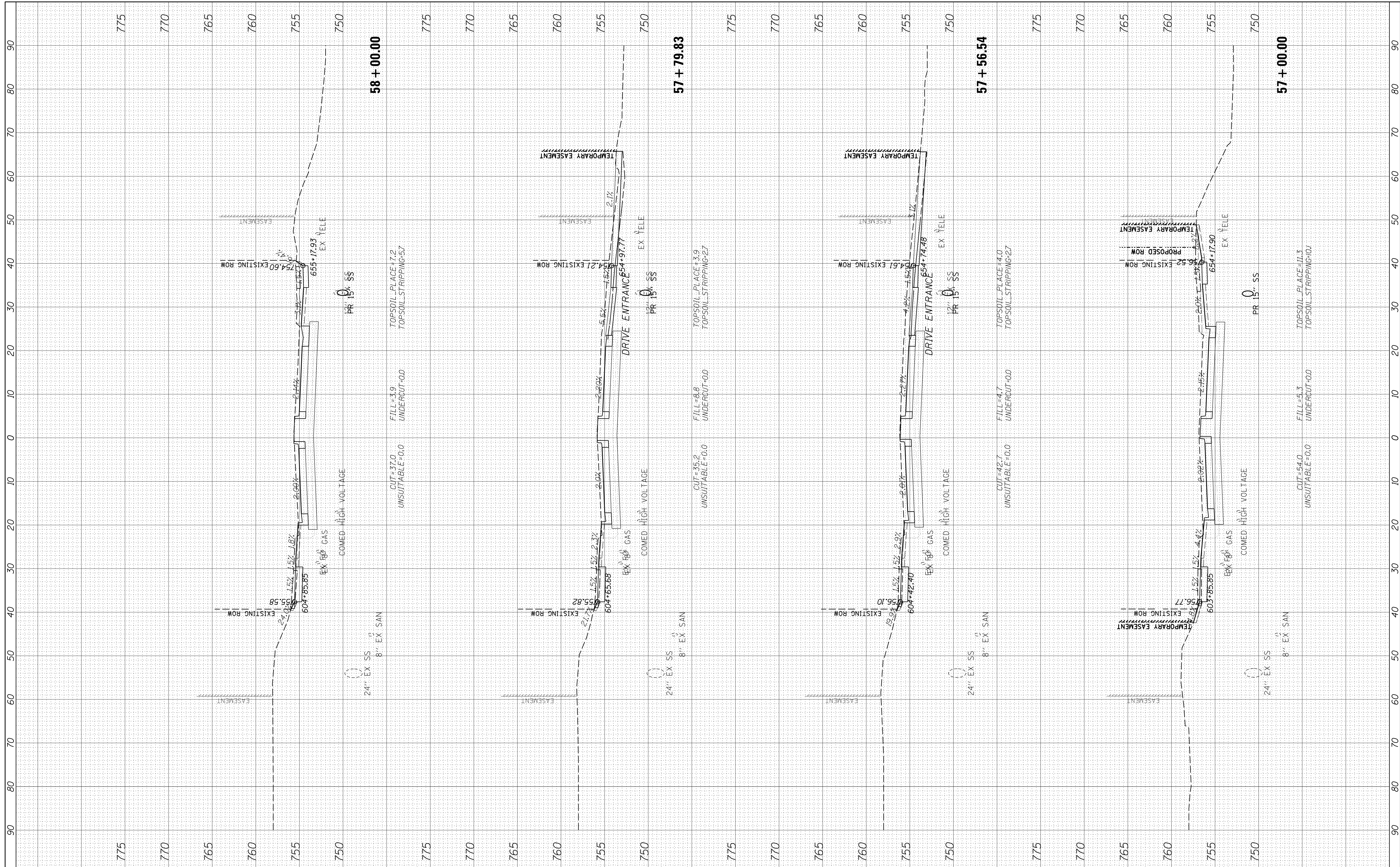
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLUM GROVE - CROSS SECTIONS
 SCALE: 10H 5V SHEET 8 OF 26 SHEETS STA. 55+25.00 TO STA. 56+50.00

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|--------------------|----------------|--------|---------------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 241 |
| CONTRACT NO. 61E16 | | | ILLINOIS FED. AID PROJECT | |

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| FINAL SURVEY | SURVEYED | BY | DATE |
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| ORIGINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
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 USER NAME = jmillr
 PLOT SCALE = 10'
 PLOT DATE = 6/12/2018

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 CHECKED - JGS
 DATE - 12/20/17 FINAL

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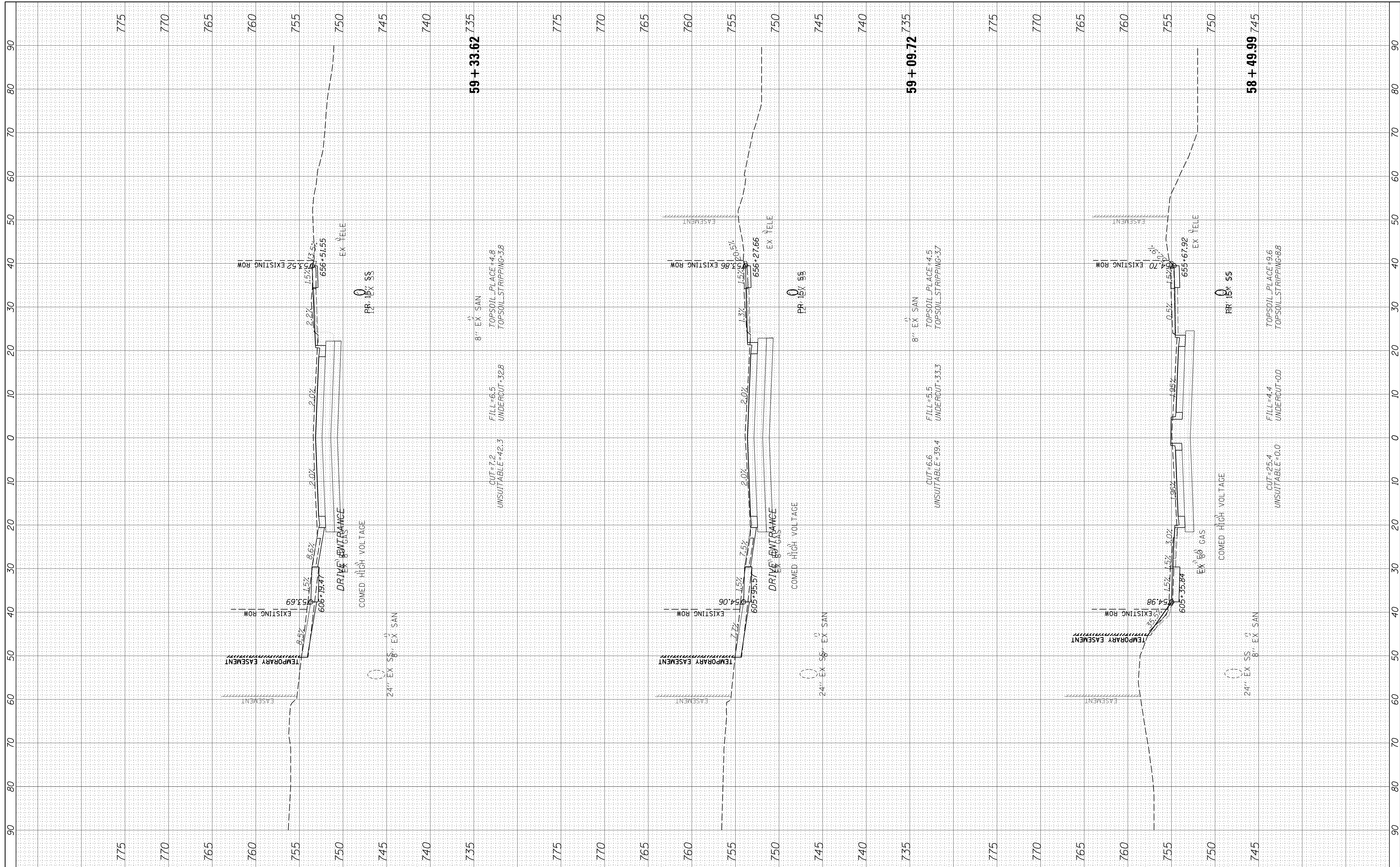
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLUM GROVE - CROSS SECTIONS
 SCALE: 10H 5V SHEET 9 OF 26 SHEETS STA. 57+00.00 TO STA. 58+00.00

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|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 242 |
| CONTRACT NO. 61E16 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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 PLOT DATE = 6/12/2018

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

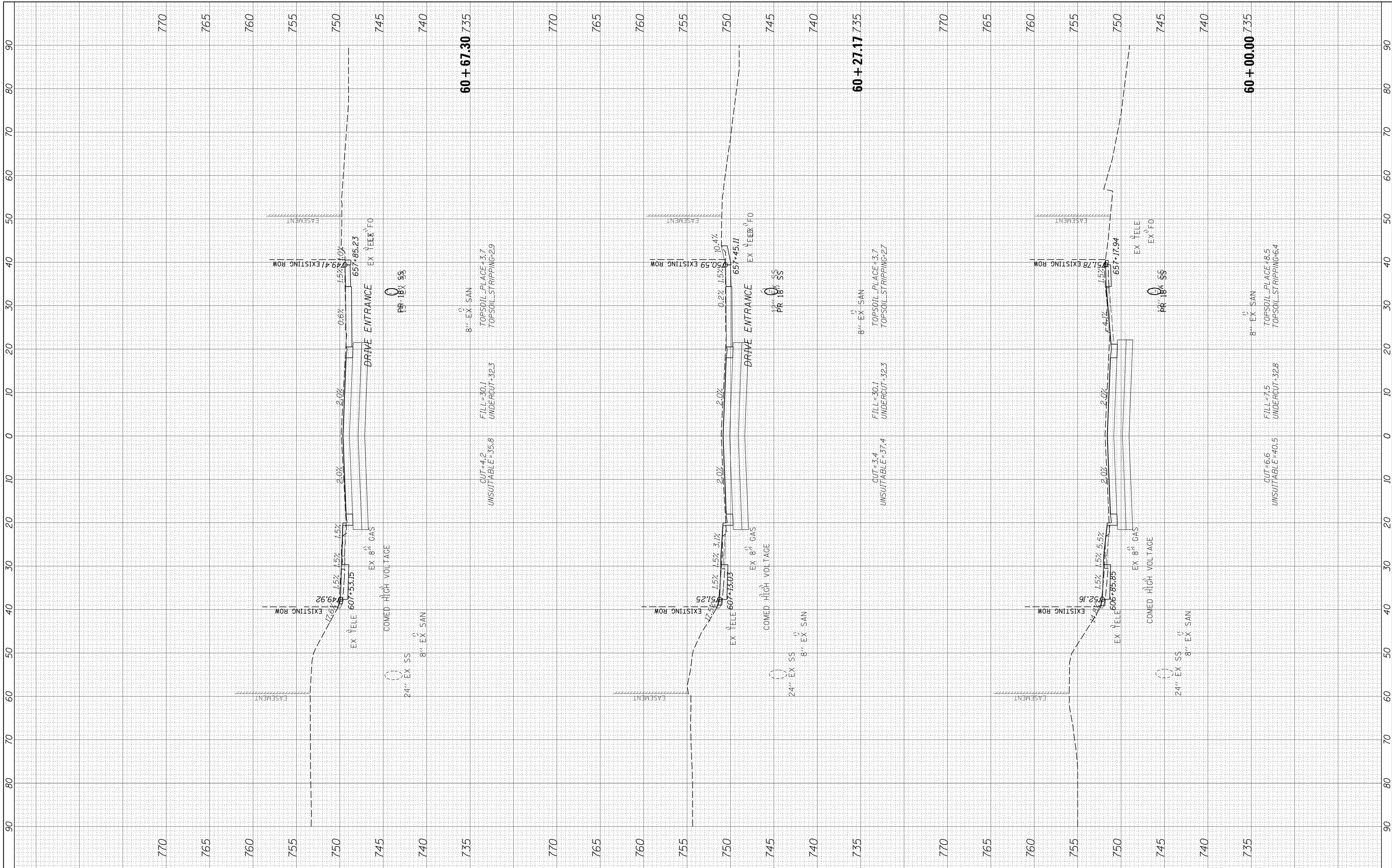
PLUM GROVE - CROSS SECTIONS

SCALE: 10H 5V SHEET 10 OF 26 SHEETS STA. 58+49.99 TO STA. 59+33.62

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|--------------------|----------------|--------|---------------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 243 |
| CONTRACT NO. 61E16 | | | ILLINOIS FED. AID PROJECT | |

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 PLOT SCALE = 10'
 PLOT DATE = 6/12/2018

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| DATE | - | 12/20/17 FINAL | REVISED | - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLUM GROVE - CROSS SECTIONS

SCALE: 10H 5V SHEET 11 OF 26 SHEETS STA. 60+00.00 TO STA. 60+67.30

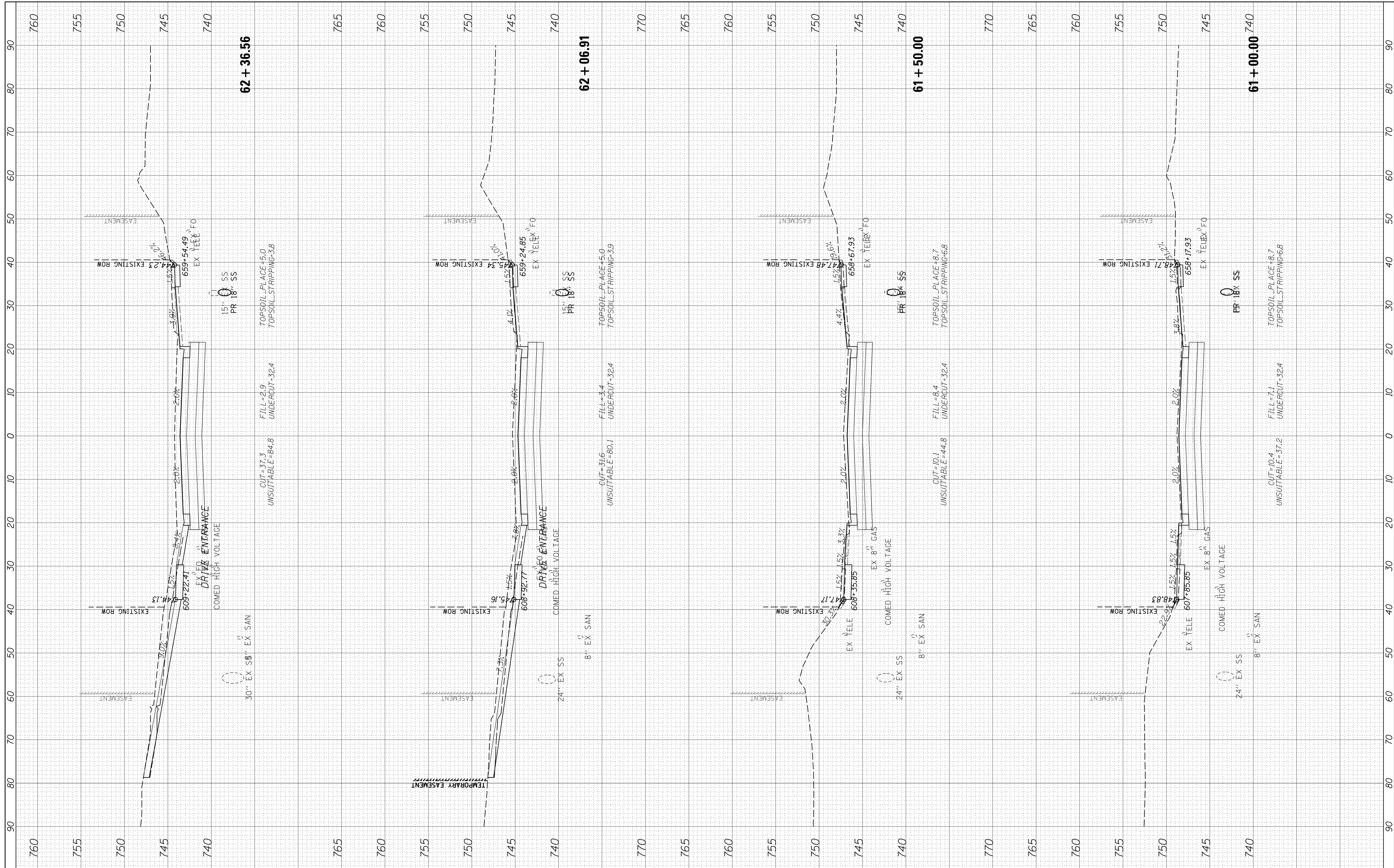
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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 244 |
| CONTRACT NO. 61E16 | | | ILLINOIS FED. AID PROJECT | |

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FILE NAME = N:\SCHAUMBURG\150321\Civil\XSS_150321.SHT
 USER NAME = jmillr
 PLOT SCALE = 10'
 PLOT DATE = 6/12/2018

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| DATE | - | 12/20/17 FINAL | REVISED | - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLUM GROVE - CROSS SECTIONS

SCALE: 10H 5V SHEET 12 OF 26 SHEETS STA. 61+00.00 TO STA. 62+36.56

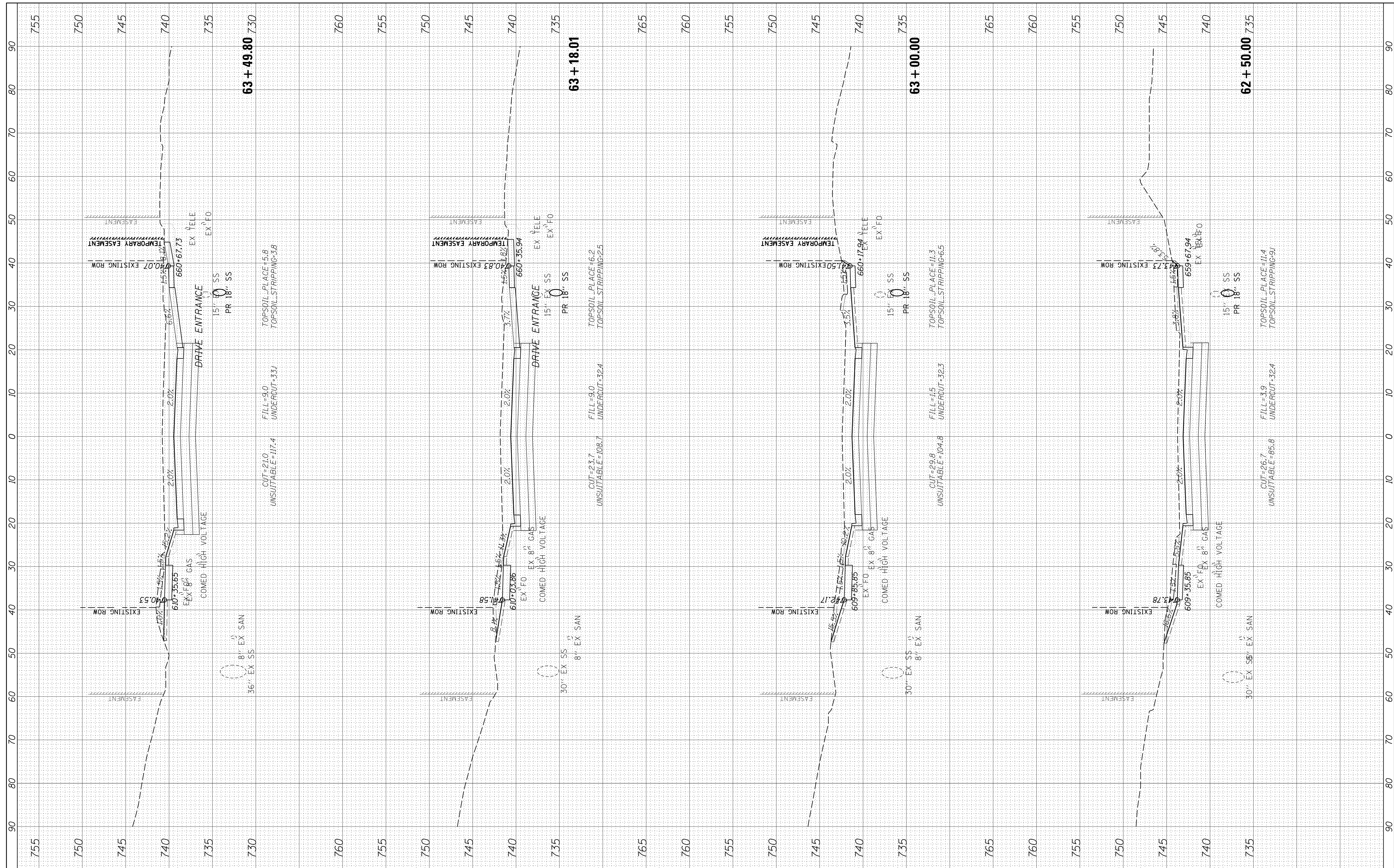
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| F.A.U R.T.E. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-0015-01-PV | COOK | 274 | 245 |
| CONTRACT NO. 61E16 | | | ILLINOIS FED. AID PROJECT | |

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

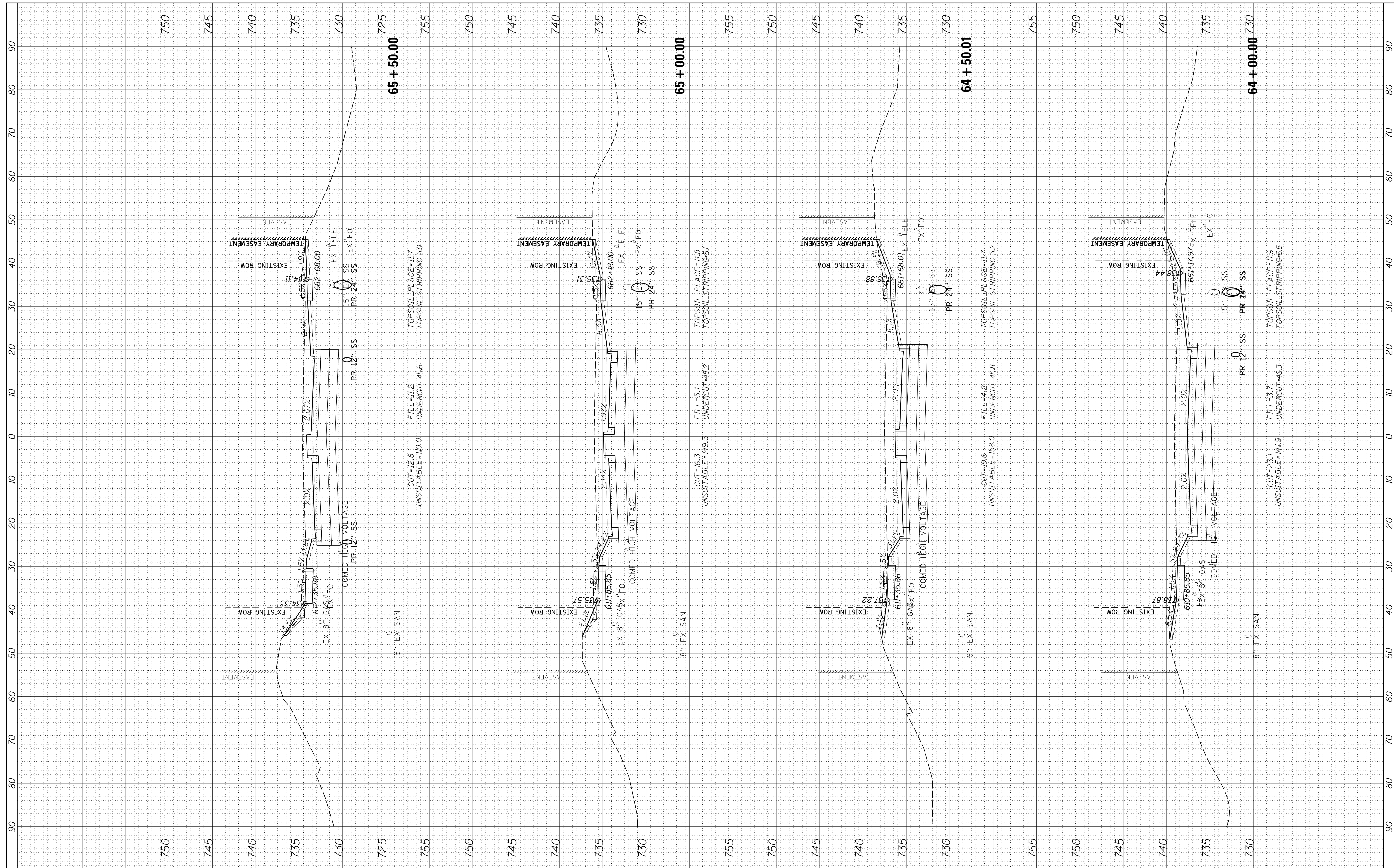
PLUM GROVE - CROSS SECTIONS

SCALE: 10H 5V SHEET 13 OF 26 SHEETS STA. 62+50.00 TO STA. 63+49.80

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| F.A.U RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 246 |
| CONTRACT NO. 61E16 | | | ILLINOIS FED. AID PROJECT | |

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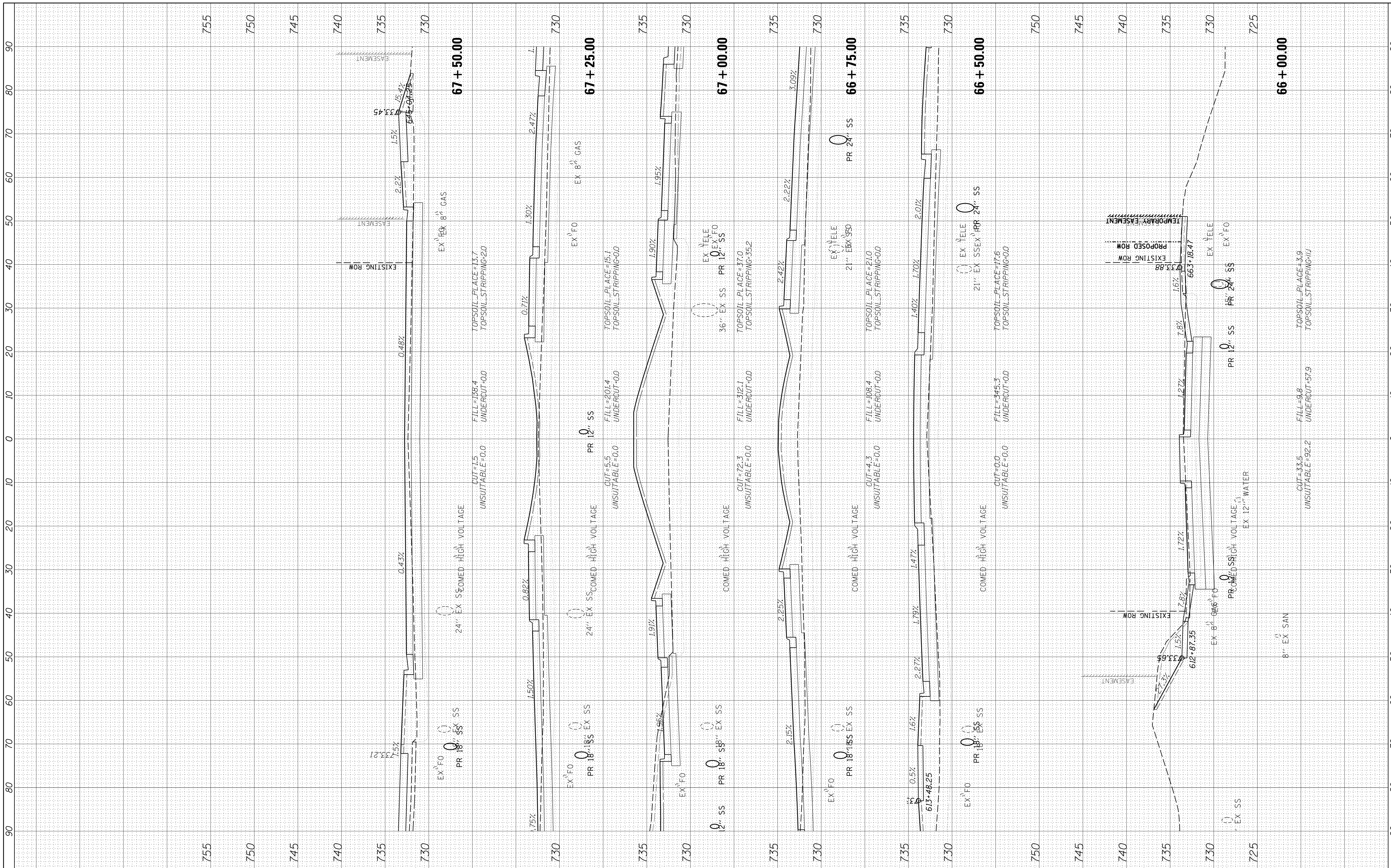
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLUM GROVE - CROSS SECTIONS
 SCALE: 10H 5V SHEET 14 OF 26 SHEETS STA. 64+00.00 TO STA. 65+50.00

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| F.A.U R.T.E. 2582 | SECTION 14-00115-01-PV | COUNTY COOK | TOTAL SHEETS 274 | SHEET NO. 247 |
| CONTRACT NO. 61E16 | | | ILLINOIS FED. AID PROJECT | |

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 USER NAME = jmillr

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

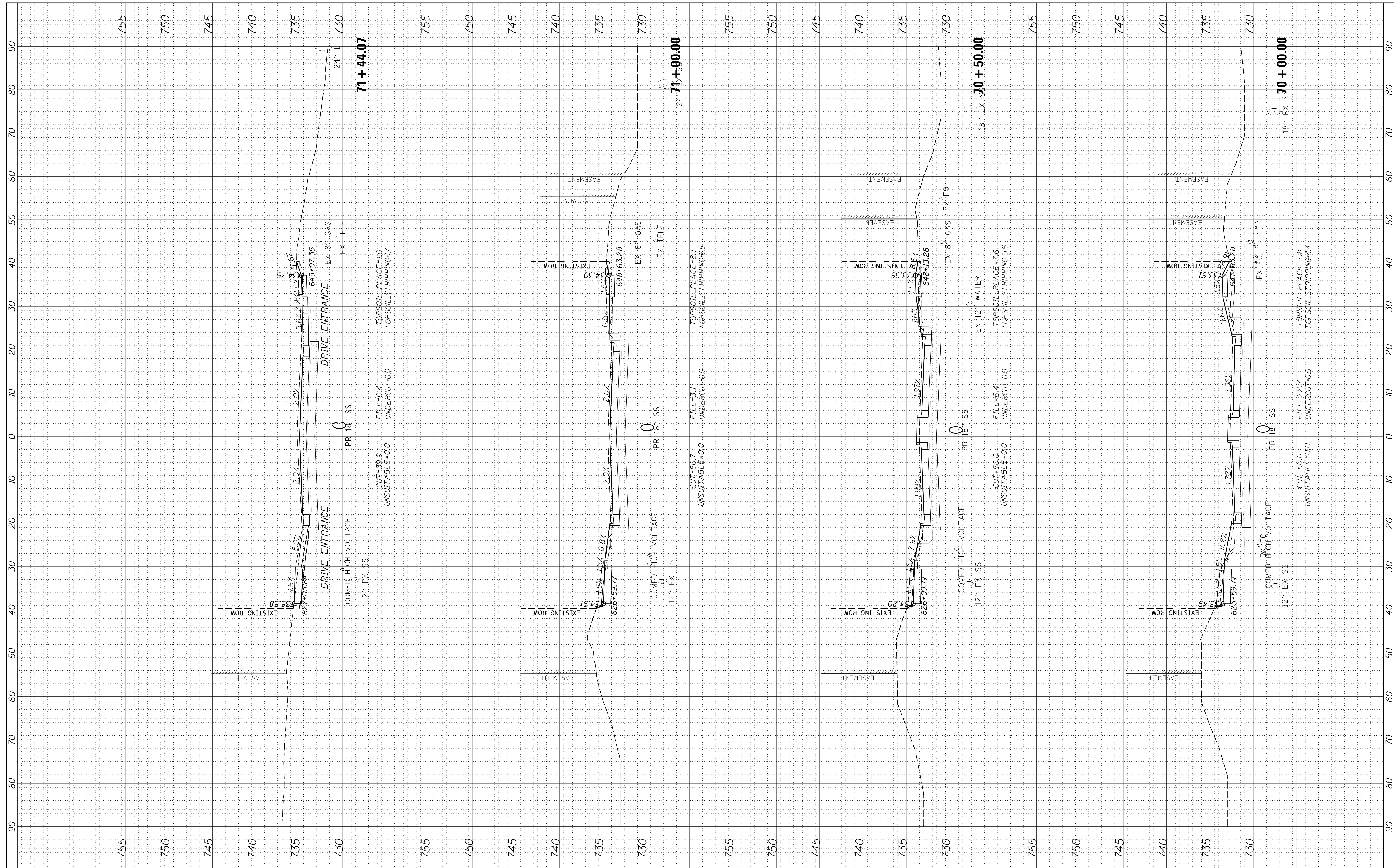
PLUM GROVE - CROSS SECTIONS
 SCALE: 10H 5V SHEET 15 OF 26 SHEETS STA. 66+00.00 TO STA. 67+50.00

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| F.A.U. R.T.E. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 248 |

CONTRACT NO. 61E16
 ILLINOIS FED. AID PROJECT

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| FINAL SURVEY | SURVEYED | BY | DATE |
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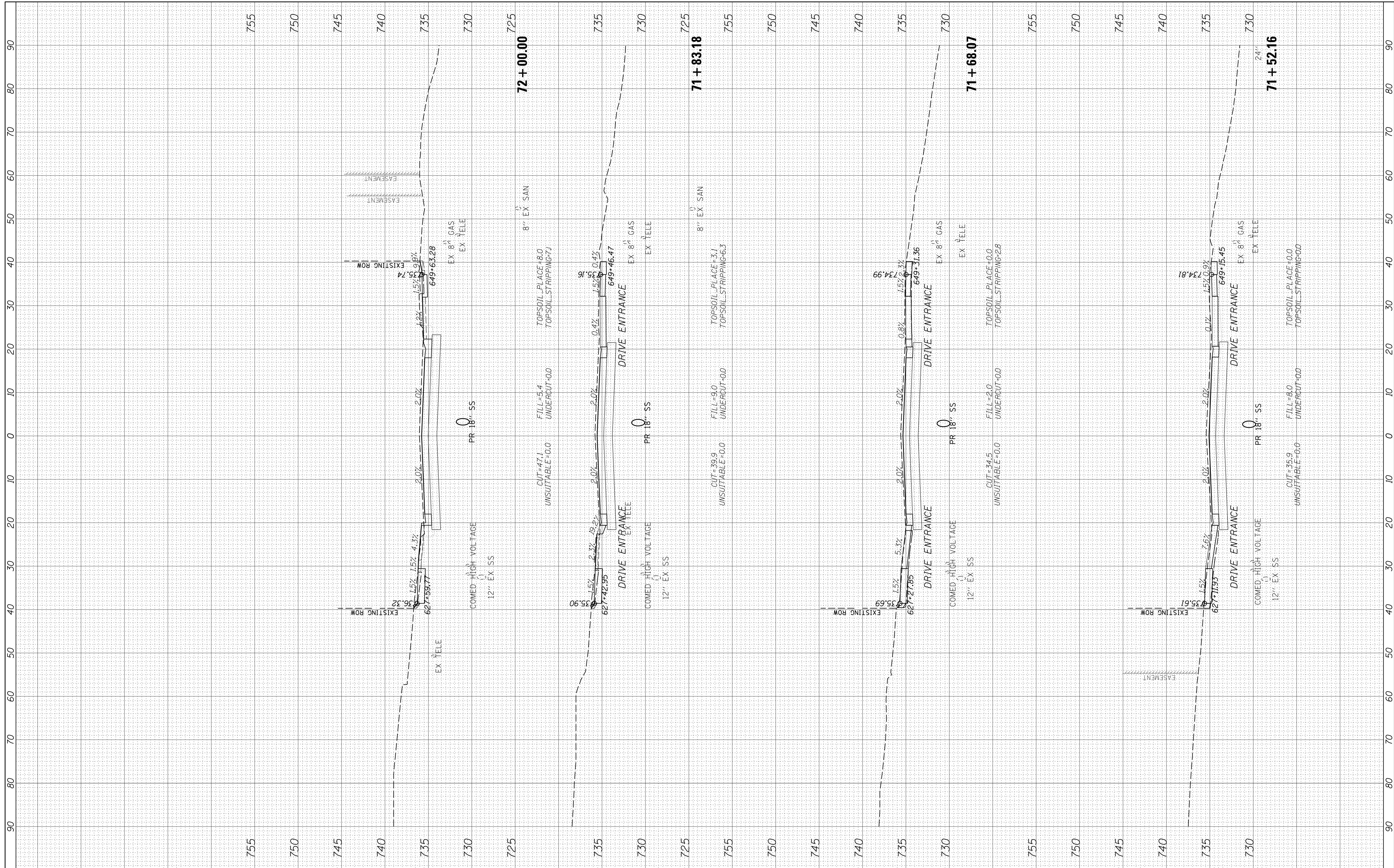
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLUM GROVE - CROSS SECTIONS
 SCALE: 10H 5V SHEET 17 OF 26 SHEETS STA. 70+00.00 TO STA. 71+44.07

| | | | | |
|--------------------|----------------|--------|---------------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 250 |
| CONTRACT NO. 61E16 | | | ILLINOIS FED. AID PROJECT | |

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

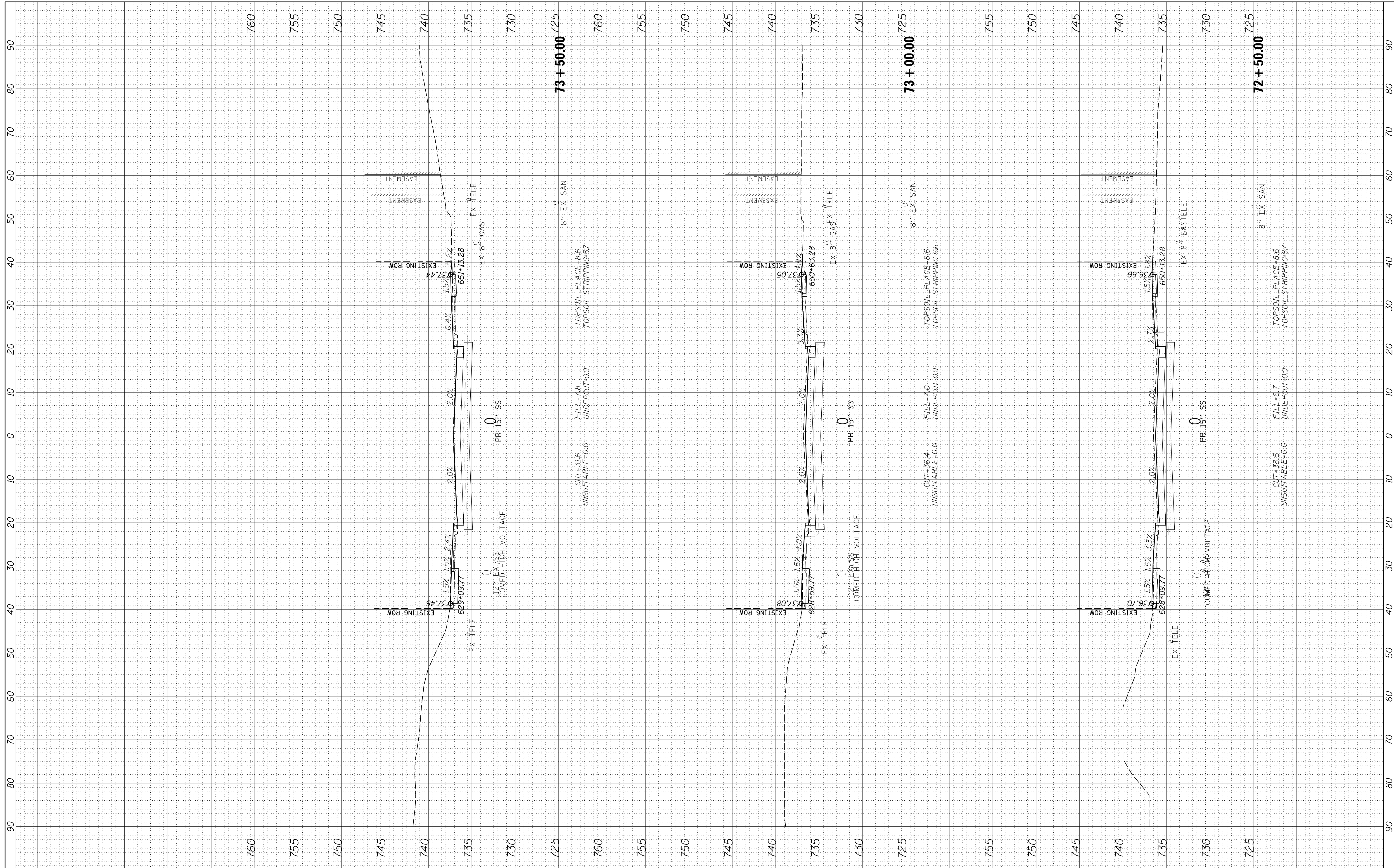
PLUM GROVE - CROSS SECTIONS

SCALE: 10H 5V SHEET 18 OF 26 SHEETS STA. 71+52.16 TO STA. 72+00.00

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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 251 |
| | | | | CONTRACT NO. 61E16 |
| ILLINOIS FED. AID PROJECT | | | | |

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| FINAL SURVEY | SURVEYED | BY | DATE |
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

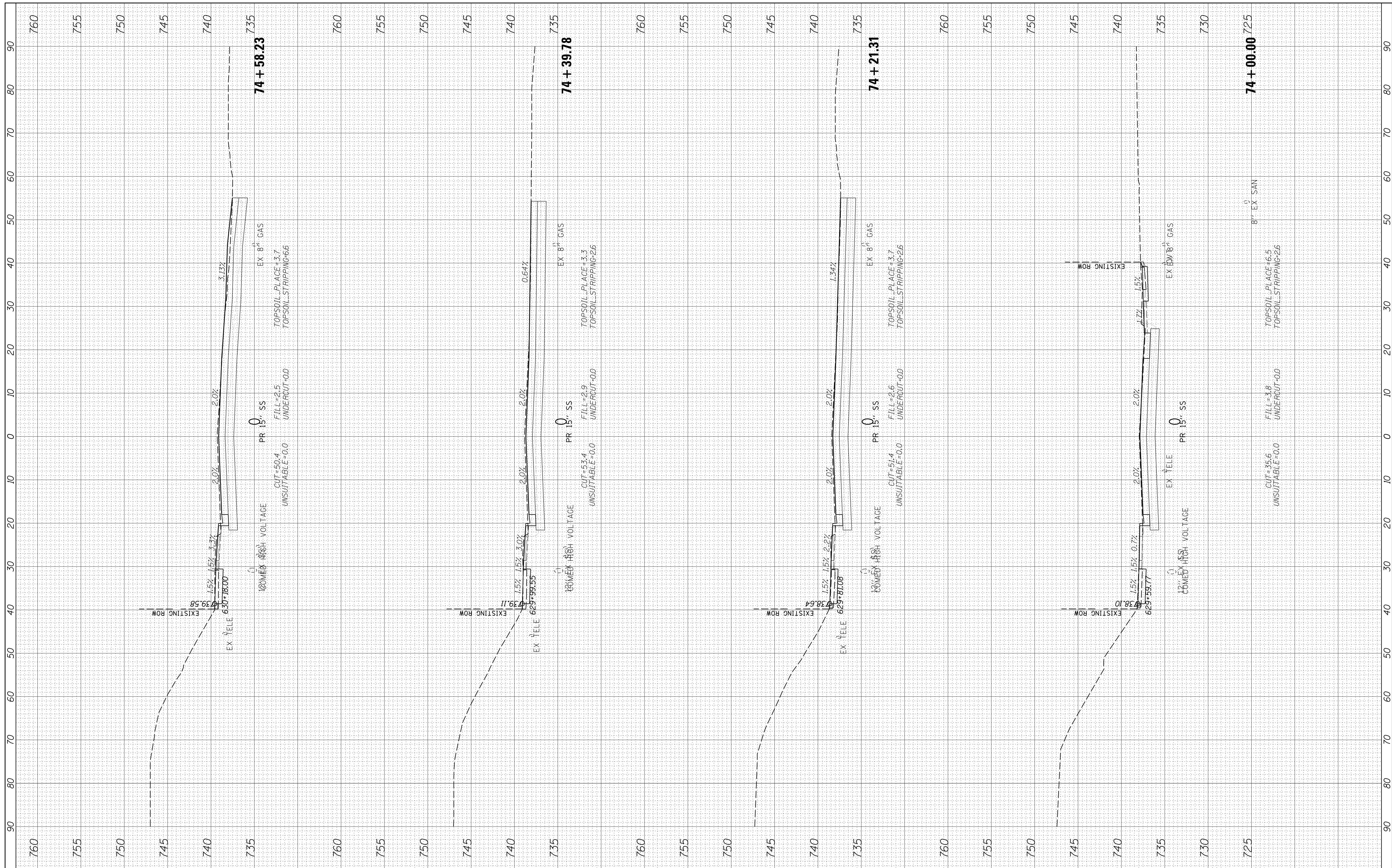
PLUM GROVE - CROSS SECTIONS

SCALE: 10H 5V SHEET 19 OF 26 SHEETS STA. 72+50.00 TO STA. 73+50.00

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|--------------------|----------------|--------|---------------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 252 |
| CONTRACT NO. 61E16 | | | ILLINOIS FED. AID PROJECT | |

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

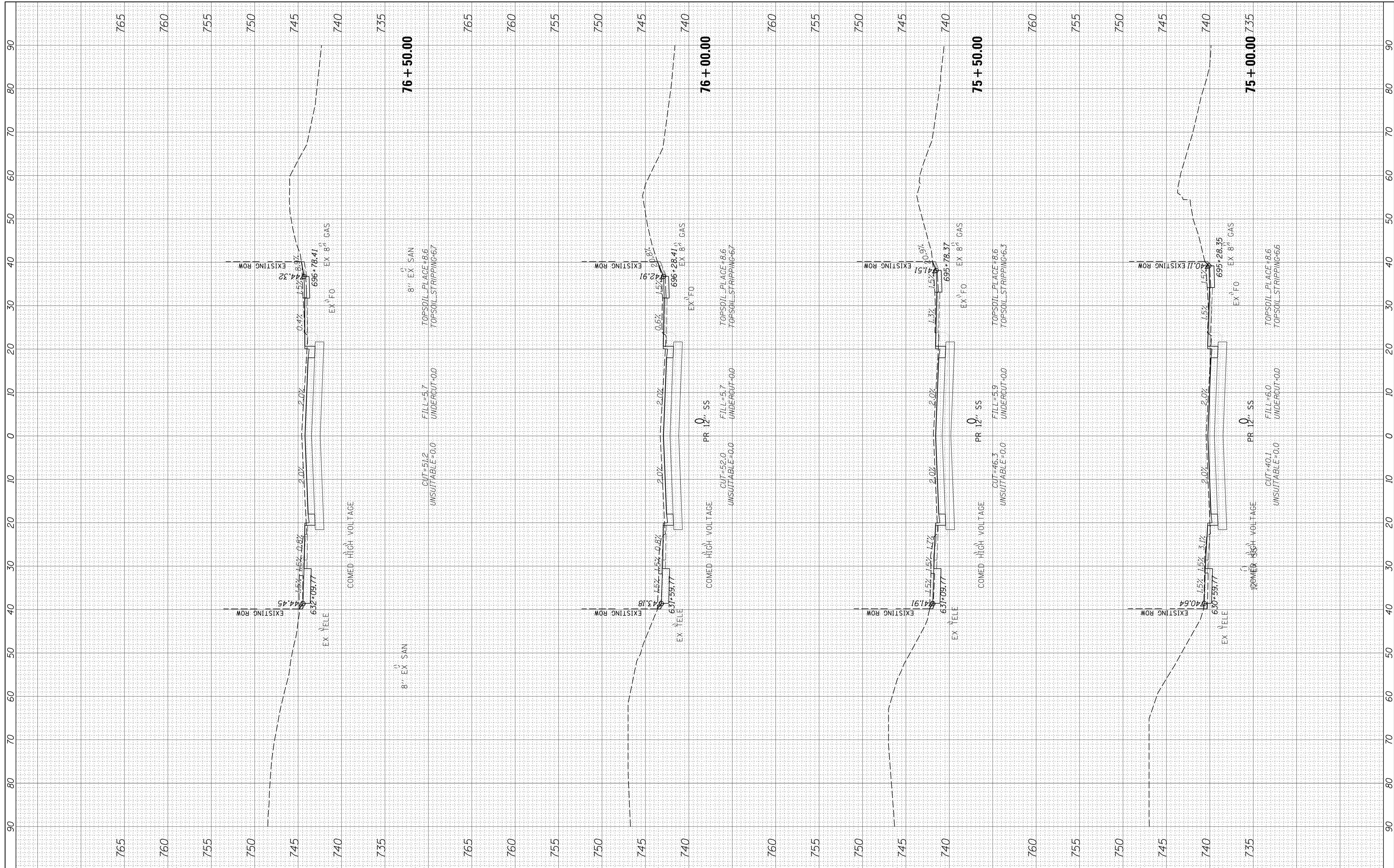
PLUM GROVE - CROSS SECTIONS

SCALE: 10H 5V SHEET 20 OF 26 SHEETS STA. 74+00.00 TO STA. 74+58.23

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|--------------------|----------------|--------|---------------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 253 |
| CONTRACT NO. 61E16 | | | ILLINOIS FED. AID PROJECT | |

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

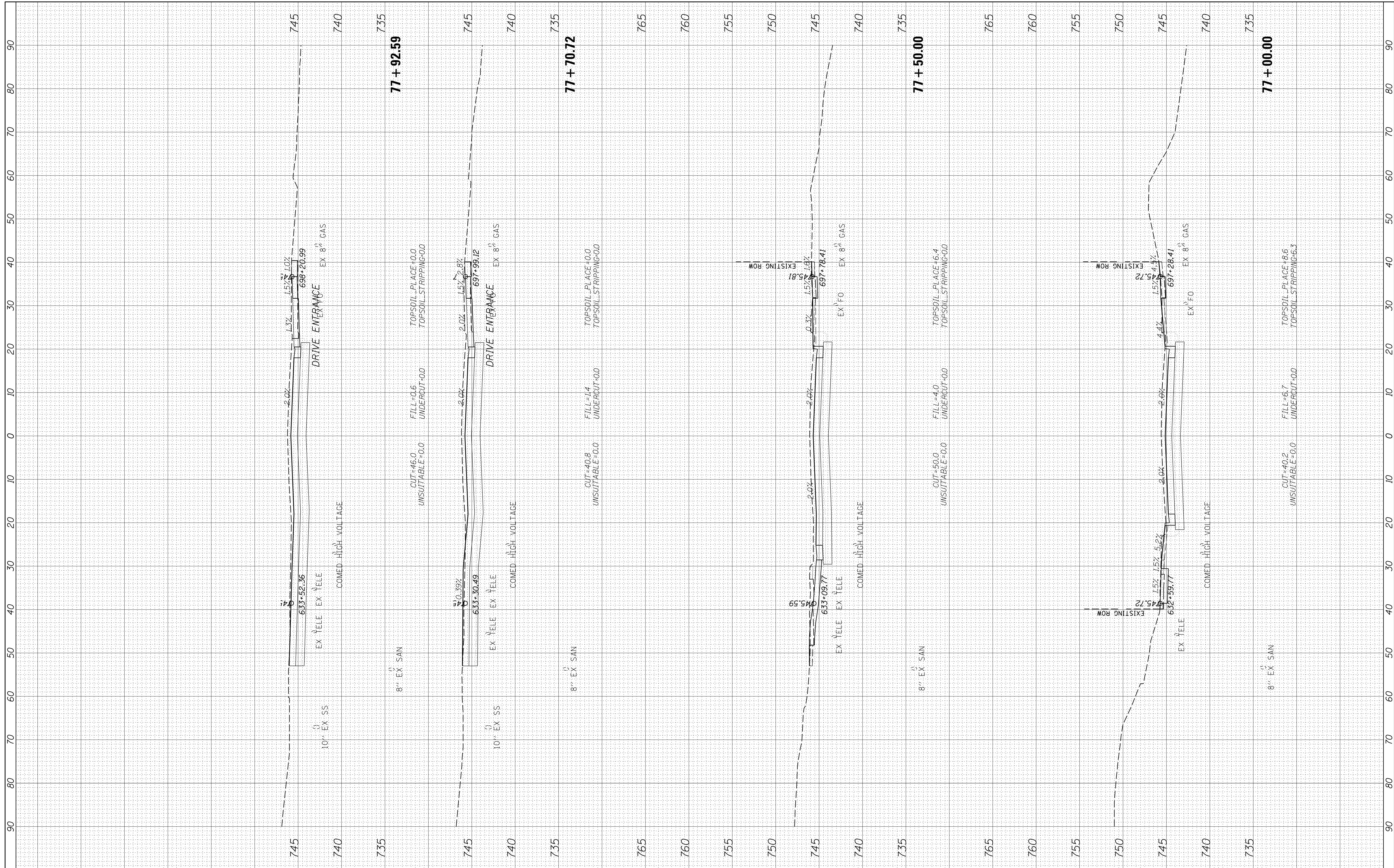
PLUM GROVE - CROSS SECTIONS

SCALE: 10H 5V SHEET 21 OF 26 SHEETS STA. 75+00.00 TO STA. 76+50.00

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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 254 |
| CONTRACT NO. 61E16 | | | ILLINOIS FED. AID PROJECT | |

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 PLOT DATE = 6/12/2018

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

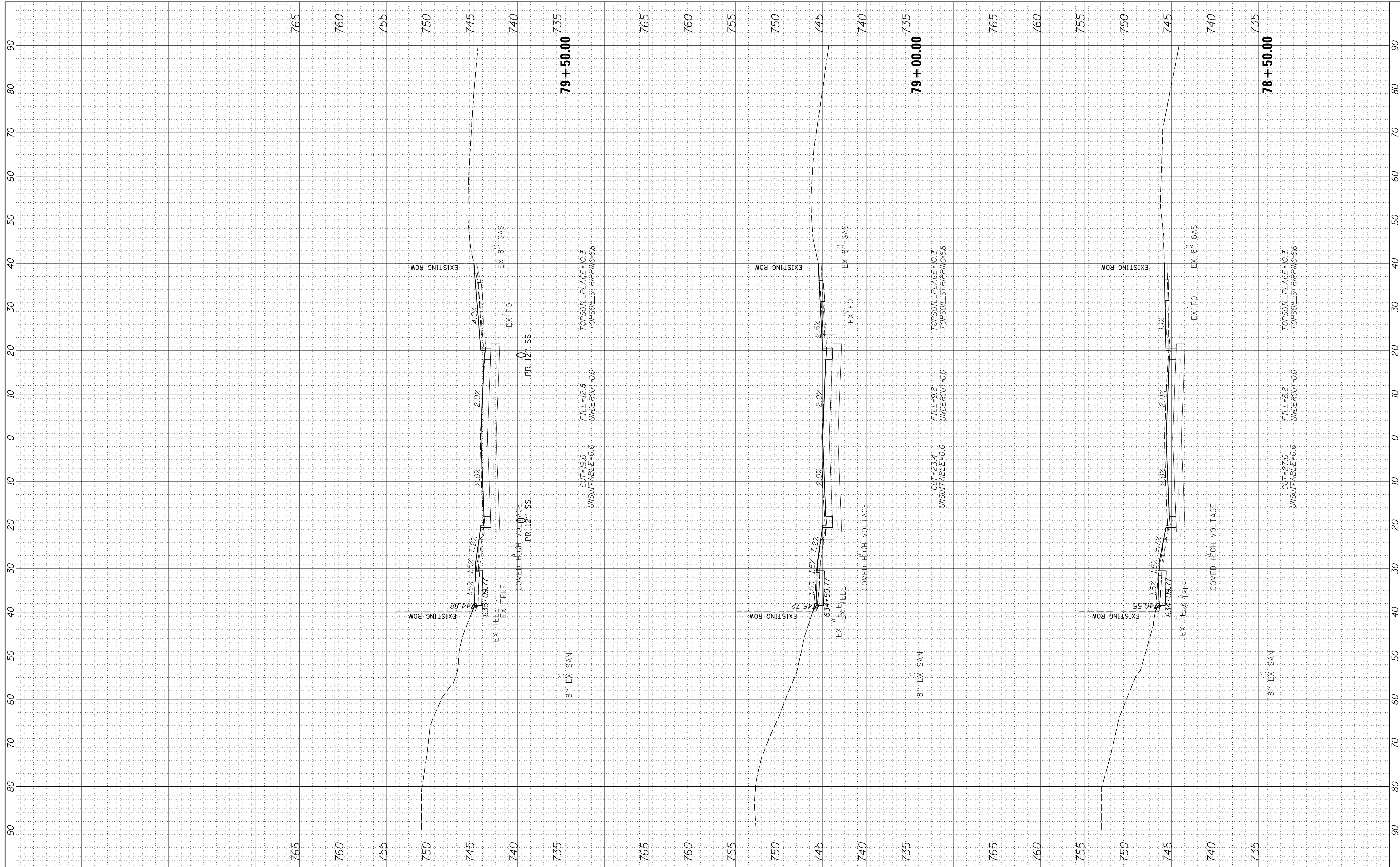
PLUM GROVE - CROSS SECTIONS

SCALE: 10H 5V SHEET 22 OF 26 SHEETS STA. 77+00.00 TO STA. 77+92.59

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| F.A.U R.T.E. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 255 |
| CONTRACT NO. 61E16 | | | ILLINOIS FED. AID PROJECT | |

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLUM GROVE - CROSS SECTIONS
 SCALE: 10H 5V SHEET 23 OF 26 SHEETS STA. 78+50.00 TO STA. 79+50.00

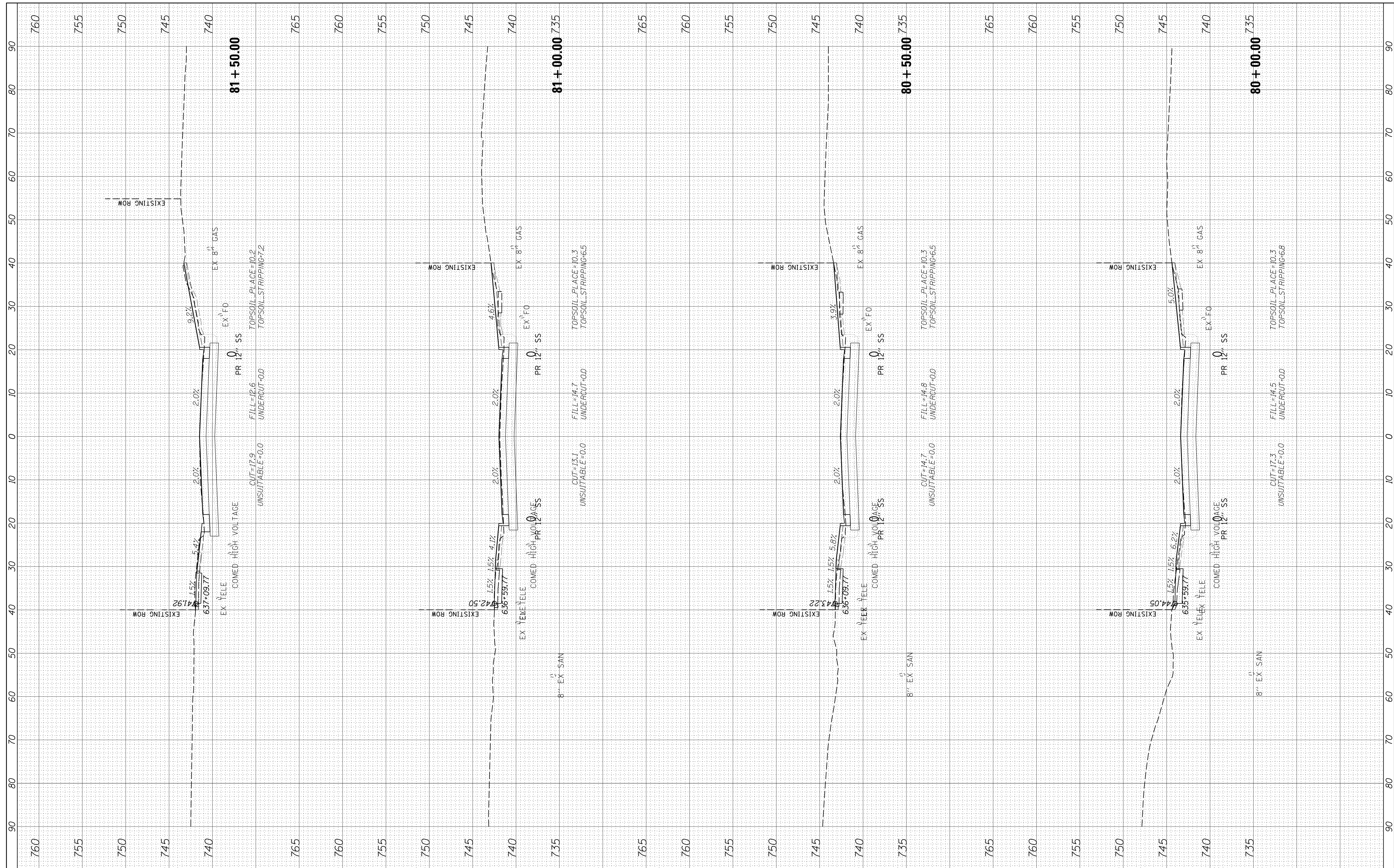
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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 256 |
| CONTRACT NO. 61E16 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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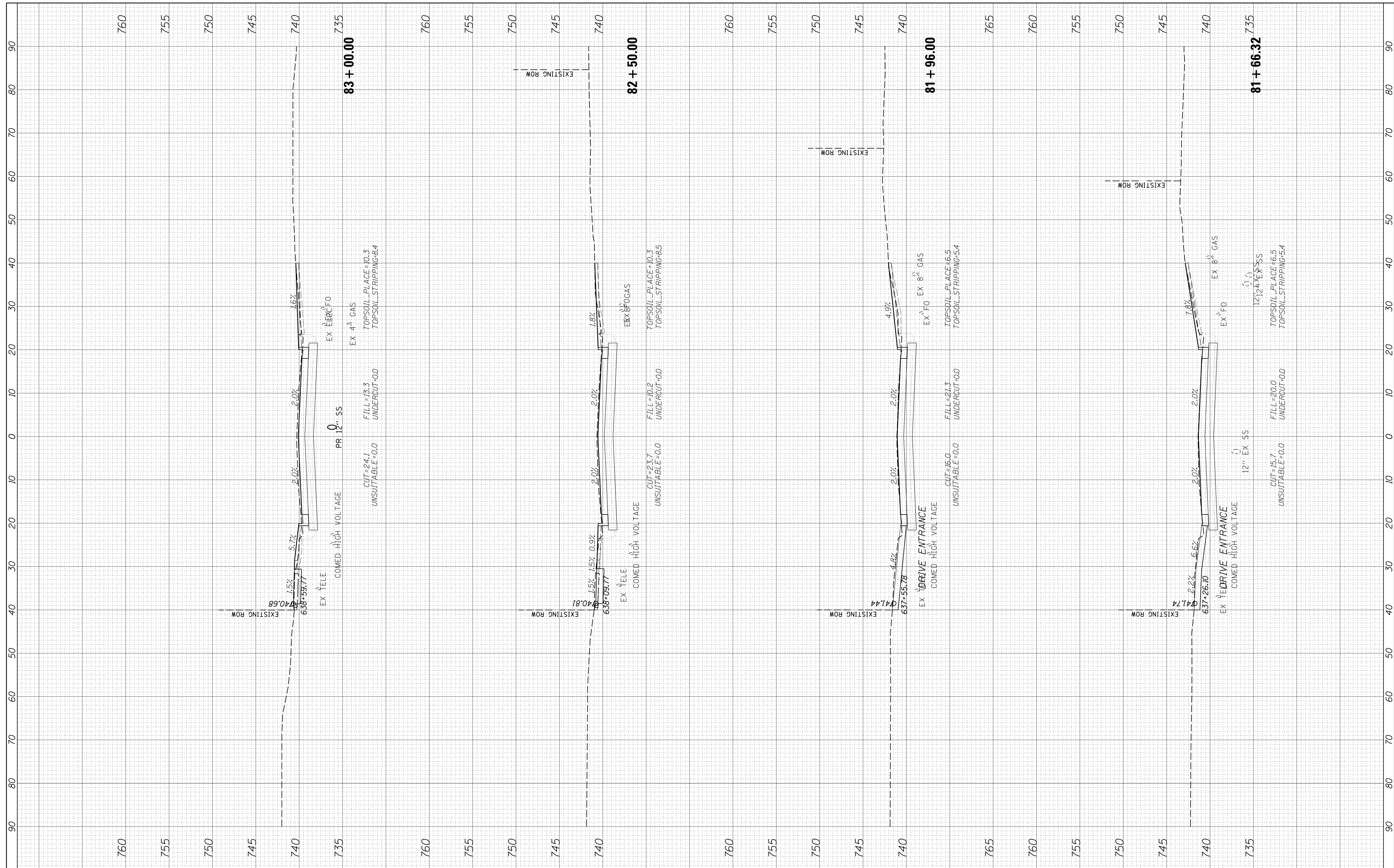
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLUM GROVE - CROSS SECTIONS
 SCALE: 10H 5V SHEET 24 OF 26 SHEETS STA. 80+00.00 TO STA. 81+50.00

| | | | | |
|--------------------|----------------|--------|---------------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 257 |
| CONTRACT NO. 61E16 | | | ILLINOIS FED. AID PROJECT | |

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| FINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS CHECKED | | |

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| ORIGINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS CHECKED | | |



FILE NAME = N:\SCHAUMBURG\150321\Civil\XS_150321.SHT
 USER NAME = jmillr
 PLOT SCALE = 10'
 PLOT DATE = 6/12/2018

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| DESIGNED - | BLL | REVISED - | |
| DRAWN - | VAR | REVISED - | |
| CHECKED - | JGS | REVISED - | |
| DATE - | 12/20/17 FINAL | REVISED - | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

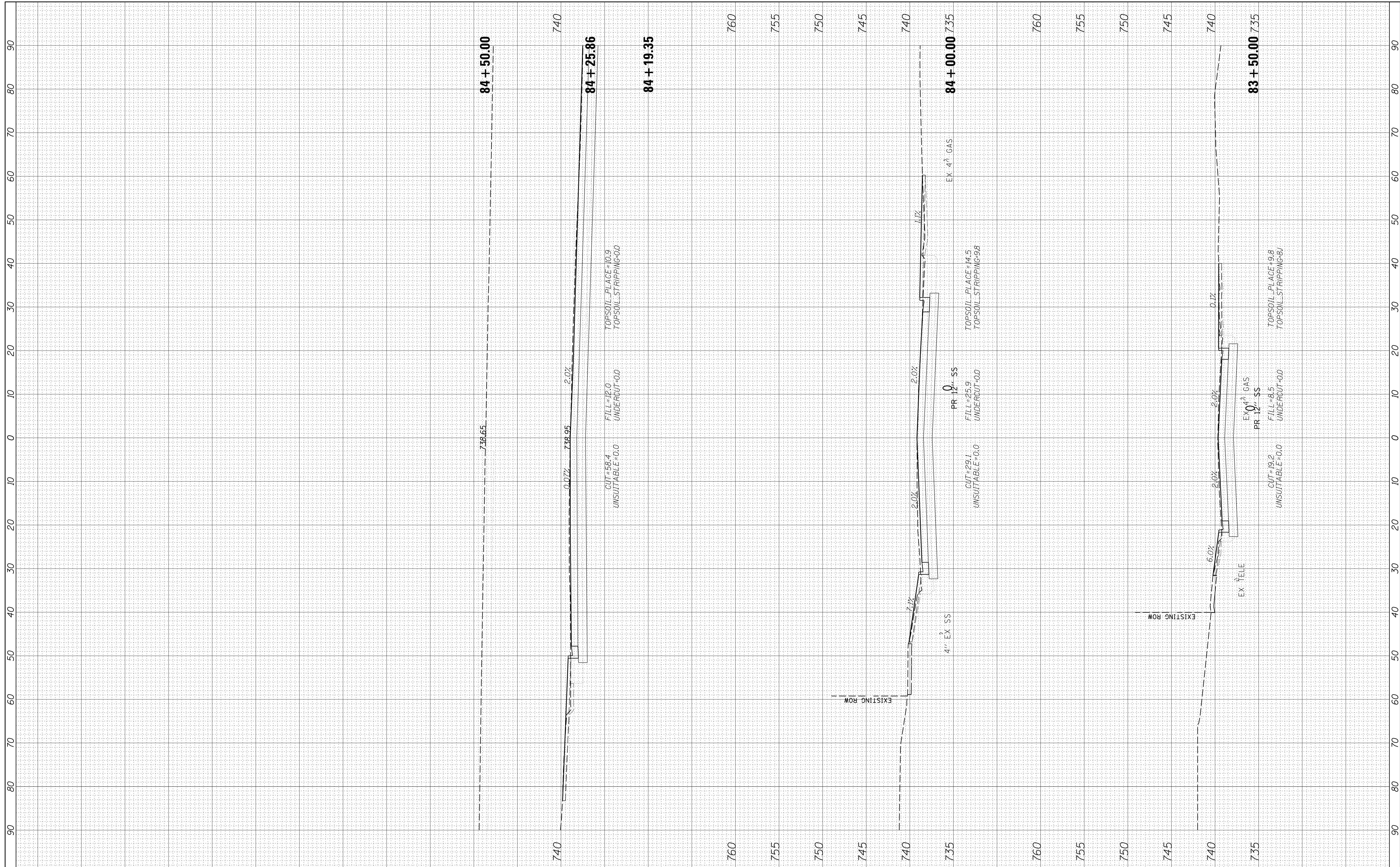
PLUM GROVE - CROSS SECTIONS

SCALE: 10H 5V SHEET 25 OF 26 SHEETS STA. 81+66.32 TO STA. 83+00.00

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|--------------------|----------------|--------|---------------------------|-----------|
| F.A.U. R.T.E. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 258 |
| CONTRACT NO. 61E16 | | | ILLINOIS FED. AID PROJECT | |

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| FINAL SURVEY NO. | SURVEYED PLOTTED TEMPLATE AREAS CHECKED | BY | DATE |
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| ORIGINAL SURVEY NO. | SURVEYED PLOTTED TEMPLATE AREAS CHECKED | BY | DATE |
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 USER NAME = jmillr
 PLOT SCALE = 10'
 PLOT DATE = 6/12/2018

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| DESIGNED - | BLL | REVISED - | |
| DRAWN - | VAR | REVISED - | |
| CHECKED - | JGS | REVISED - | |
| DATE - | 12/20/17 FINAL | REVISED - | |

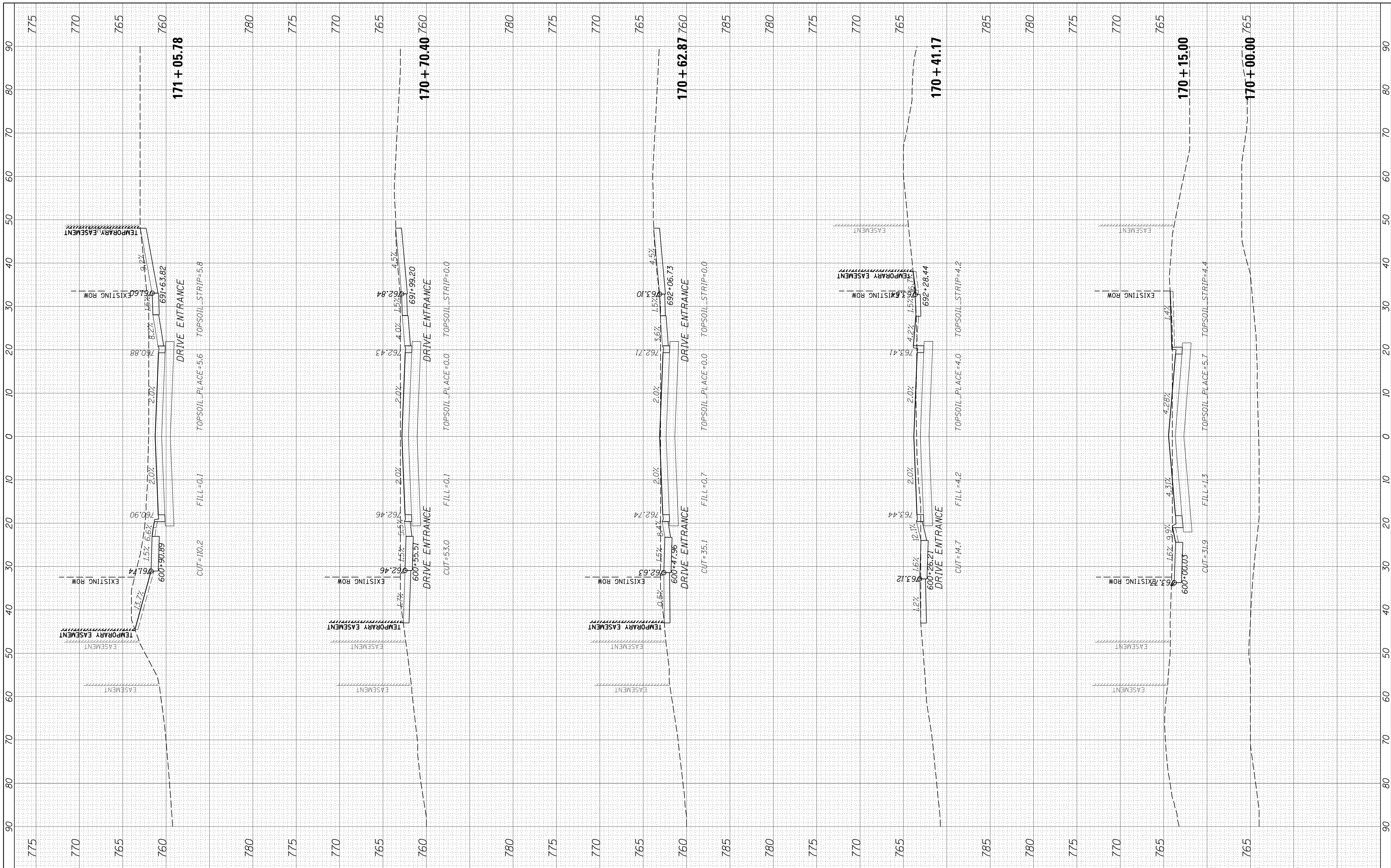
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLUM GROVE - CROSS SECTIONS
 SCALE: 10H 5V SHEET 26 OF 26 SHEETS STA. 83+50.00 TO STA. 84+50.00

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|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 259 |
| CONTRACT NO. 61E16 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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| FINAL SURVEY PLOTTED | BY | DATE |
| NOTE BOOK AREAS CHECKED | | |

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| ORIGINAL SURVEY PLOTTED | BY | DATE |
| NOTE BOOK AREAS CHECKED | | |



FILE NAME = N:\SCHAUMBURG\150321\Civil\XS_150321_REMINGTON.WSHT
 USER NAME = jmillr
 PLOT SCALE = 10'
 PLOT DATE = 6/12/2018

DESIGNED - BLL
 DRAWN - VAR
 CHECKED - JGS
 DATE - 12/20/17 FINAL

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

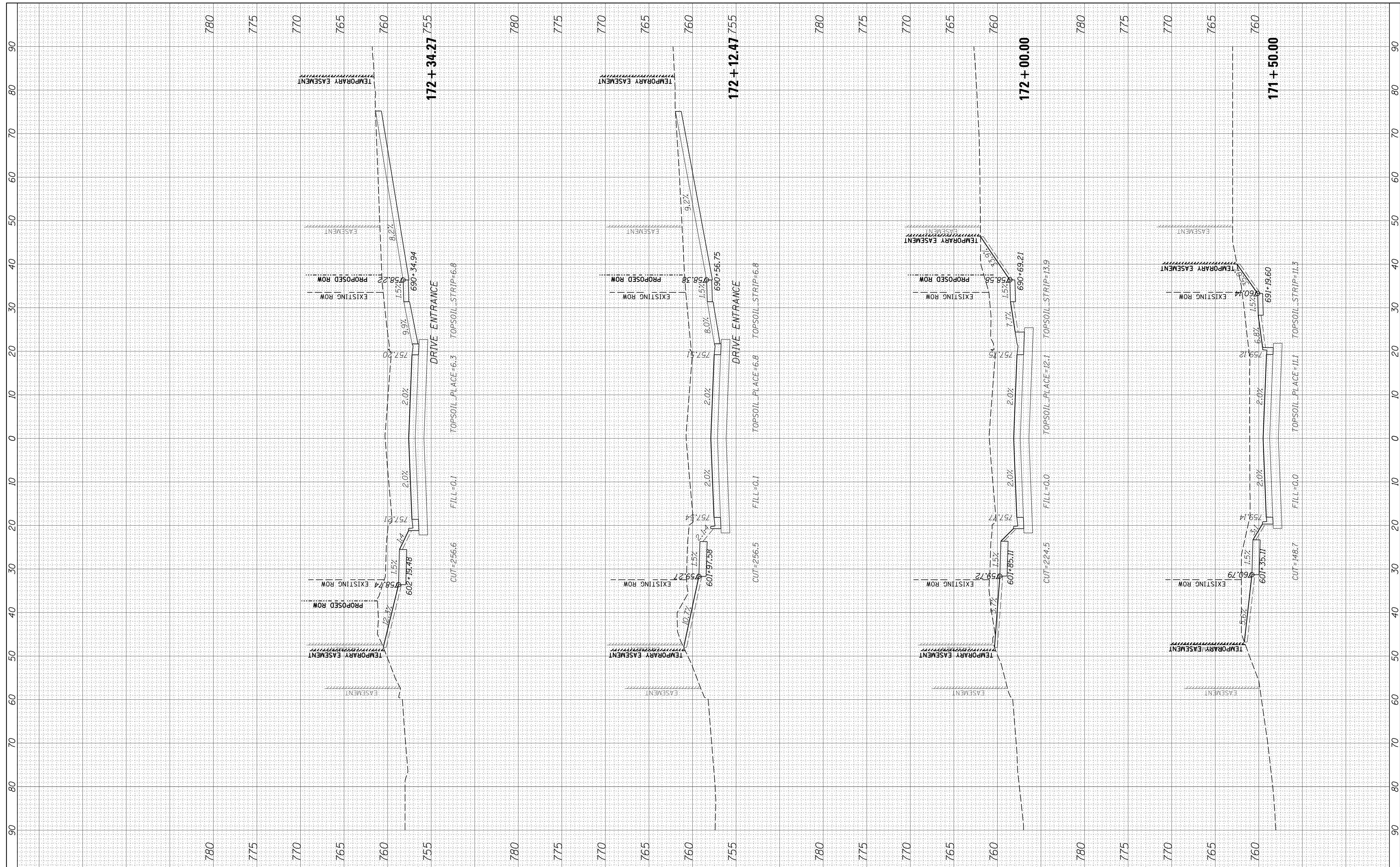
WEST REMINGTON RD - CROSS SECTIONS

SCALE: 10H 5V SHEET 1 OF 3 SHEETS STA. 170+00.00 TO STA. 171+05.78

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|---------------------------|----------------|--------|--------------|--------------------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 260 |
| | | | | CONTRACT NO. 61E16 |
| ILLINOIS FED. AID PROJECT | | | | |

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| FINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
| AREAS CHECKED | TEMPLATE | | |
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| ORIGINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
| AREAS CHECKED | TEMPLATE | | |
| NO. | AREAS CHECKED | | |



FILE NAME = N:\SCHAUMBURG\150321\Civil\XS_150321.REMINGTON.WSHT
 USER NAME = jmliler
 PLOT SCALE = 10'
 PLOT DATE = 6/12/2018

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| DESIGNED | - | BLL | REVISIED | - |
| DRAWN | - | VAR | REVISIED | - |
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| DATE | - | 12/20/17 FINAL | REVISIED | - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

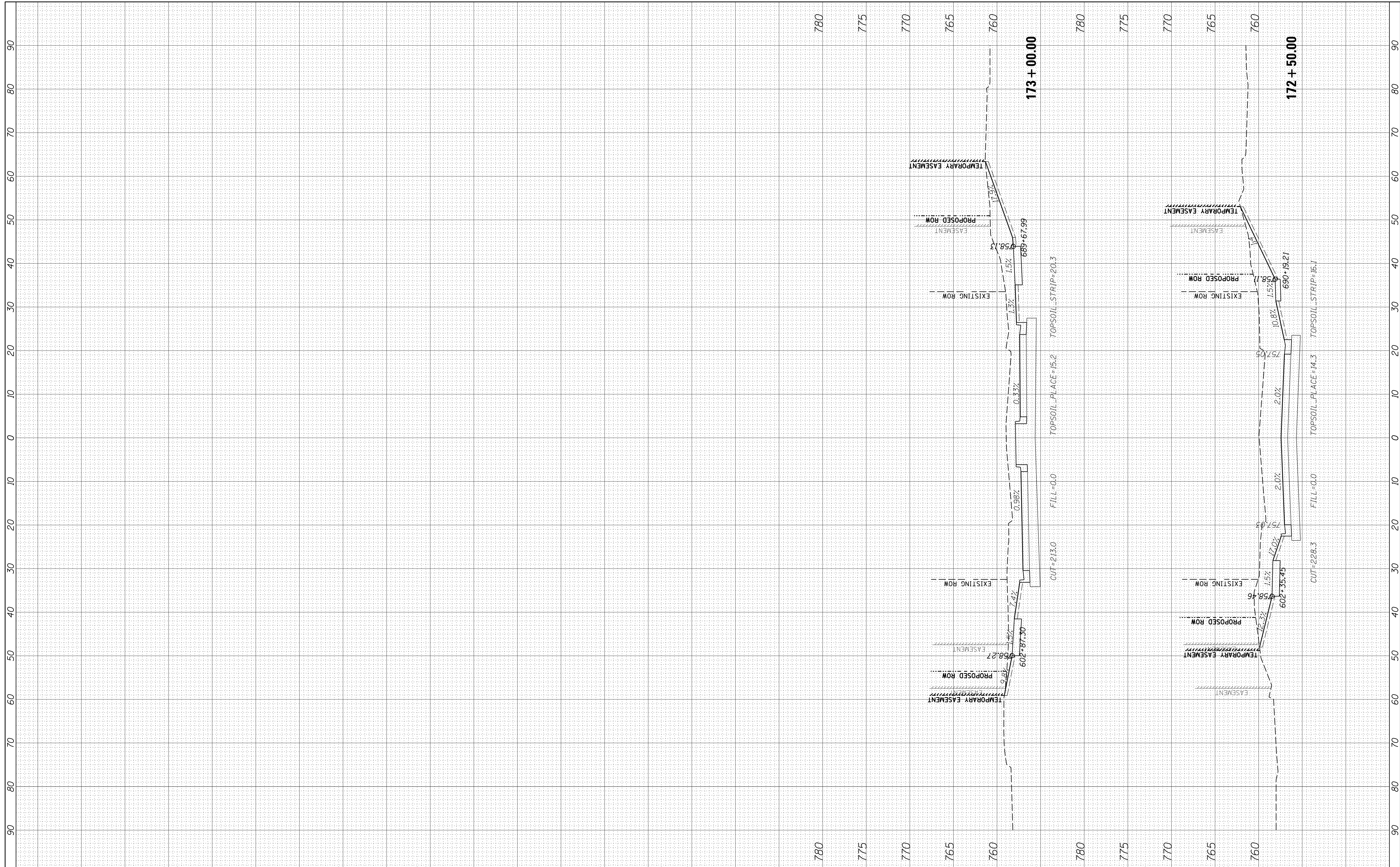
WEST REMINGTON RD - CROSS SECTIONS

SCALE: 10H 5V SHEET 2 OF 3 SHEETS STA. 171+50.00 TO STA. 172+34.27

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|--------------------|----------------|--------|---------------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 261 |
| CONTRACT NO. 61E16 | | | ILLINOIS FED. AID PROJECT | |

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| FINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
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| ORIGINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
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FILE NAME = N:\SCHAUMBURG\150321\Civil\XS_150321.REMINGTON.WSHT
 USER NAME = jmillr
 PLOT SCALE = 10'
 PLOT DATE = 6/12/2018

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| DESIGNED - | BLL | REVISED - | |
| DRAWN - | VAR | REVISED - | |
| CHECKED - | JGS | REVISED - | |
| DATE - | 12/20/17 FINAL | REVISED - | |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

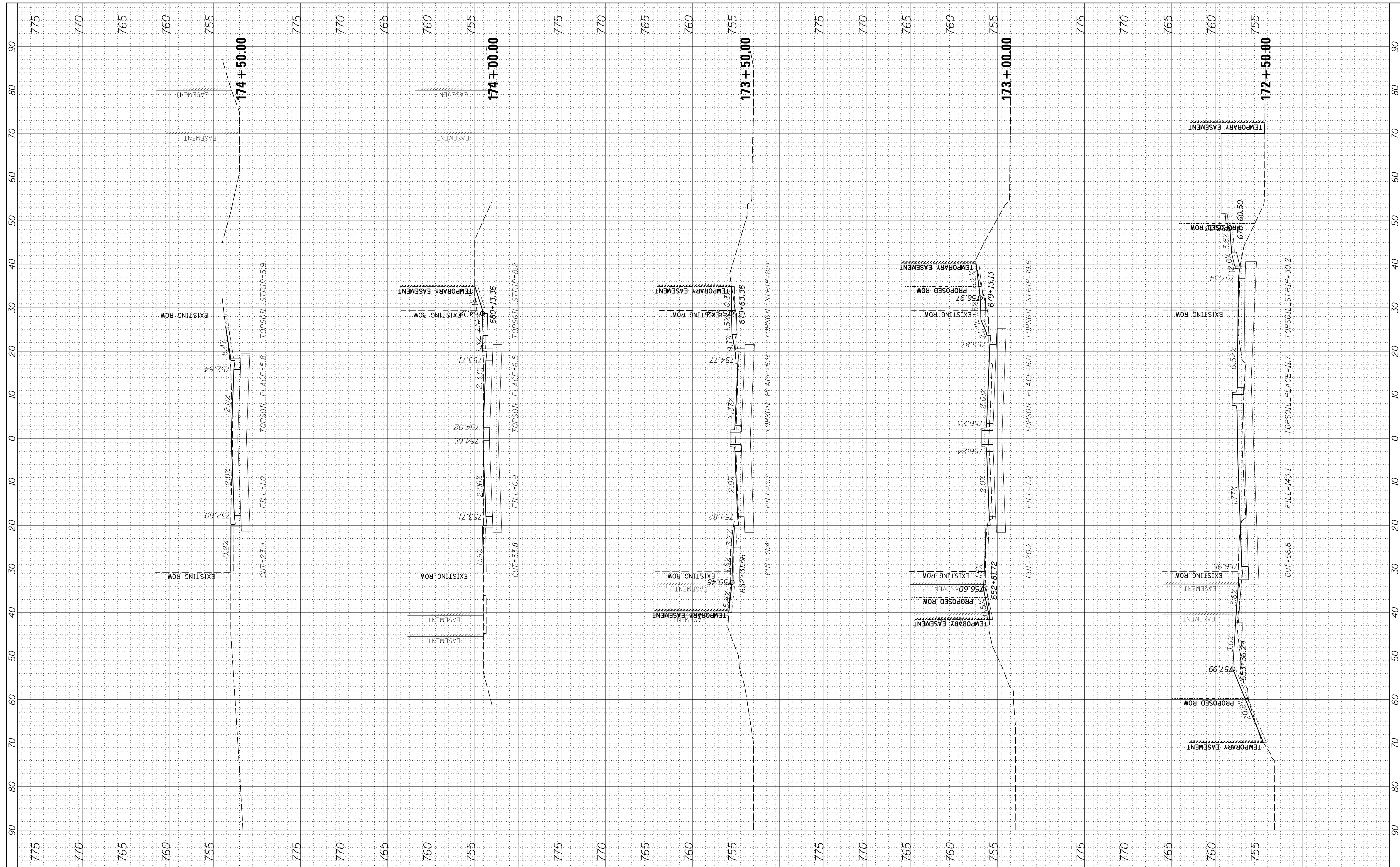
WEST REMINGTON RD - CROSS SECTIONS

SCALE: 10H 5V SHEET 3 OF 3 SHEETS STA. 172+50.00 TO STA. 173+00.00

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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 262 |
| CONTRACT NO. 61E16 | | | ILLINOIS FED. AID PROJECT | |

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| FINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
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| NO. | AREAS CHECKED | | |

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| ORIGINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
| AREAS CHECKED | TEMPLATE | | |
| NO. | AREAS CHECKED | | |



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 PLOT DATE = 6/12/2018

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| DESIGNED | - | BLL | REVISED | - |
| DRAWN | - | VAR | REVISED | - |
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| DATE | - | 12/20/17 FINAL | REVISED | - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

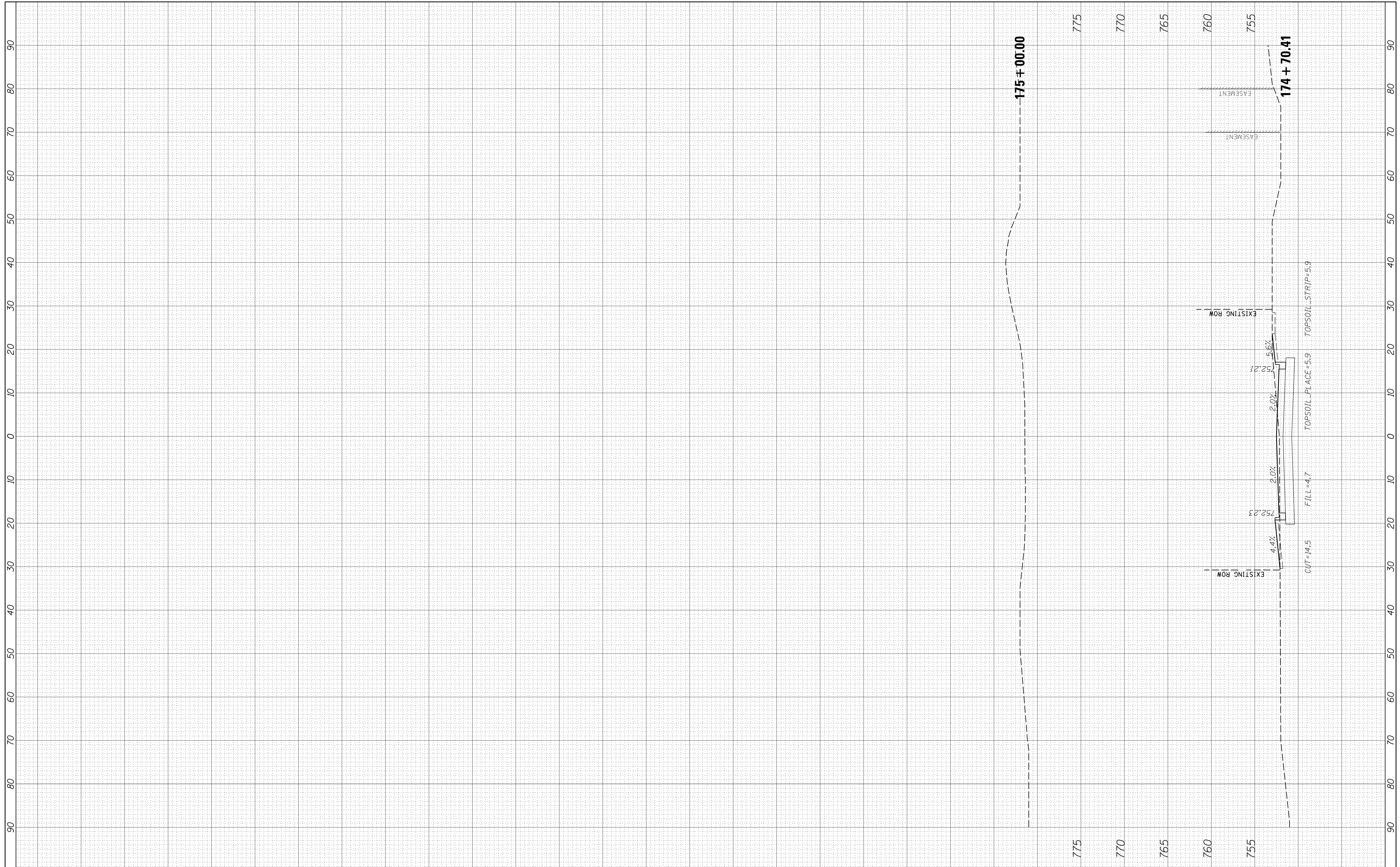
EAST REMINGTON RD - CROSS SECTIONS

SCALE: 10H 5V SHEET 1 OF 2 SHEETS STA. 172+50.00 TO STA. 174+50.00

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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 263 |
| | | | | CONTRACT NO. 61E16 |
| ILLINOIS FED. AID PROJECT | | | | |

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| FINAL SURVEY NO. | SURVEYED | BY | DATE |
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| ORIGINAL SURVEY NO. | SURVEYED | BY | DATE |
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| PLOT SCALE = 10' | DRAWN - VAR | REVISED - |
| PLOT DATE = 6/12/2018 | CHECKED - JGS | REVISED - |
| | DATE - 12/20/17 FINAL | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

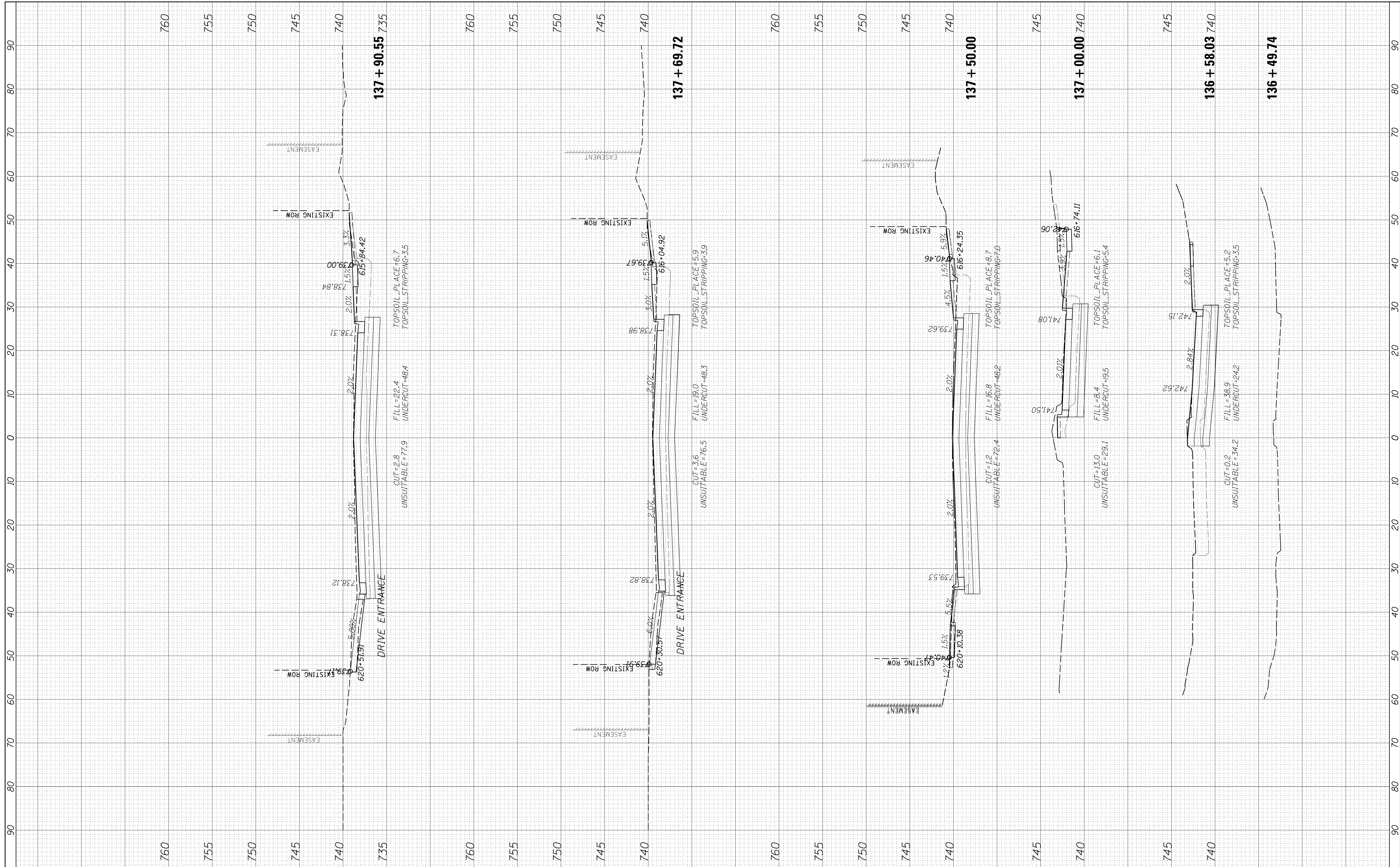
EAST REMINGTON RD - CROSS SECTIONS

SCALE: 10H 5V SHEET 2 OF 2 SHEETS STA. 174+70.41 TO STA. 175+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|--------|---------------------------|-----------|
| 2582 | 14-00115-01-PV | COOK | 274 | 264 |
| CONTRACT NO. 61E16 | | | ILLINOIS FED. AID PROJECT | |

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| FINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
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| NOTE BOOK | PLOTTED | | |
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FILE NAME = N:\SCHAUMBURG\150321\Civil\XS_150321.STATE_W.SH
 Default

USER NAME = jmlr
 DESIGNED - BLL
 DRAWN - VAR
 CHECKED - JGS
 DATE - 12/20/17 FINAL

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

STATE PARKWAY WEST - CROSS SECTIONS

SCALE: 10H 5V SHEET 1 OF 2 SHEETS STA. 136+49.74 TO STA. 137+90.55

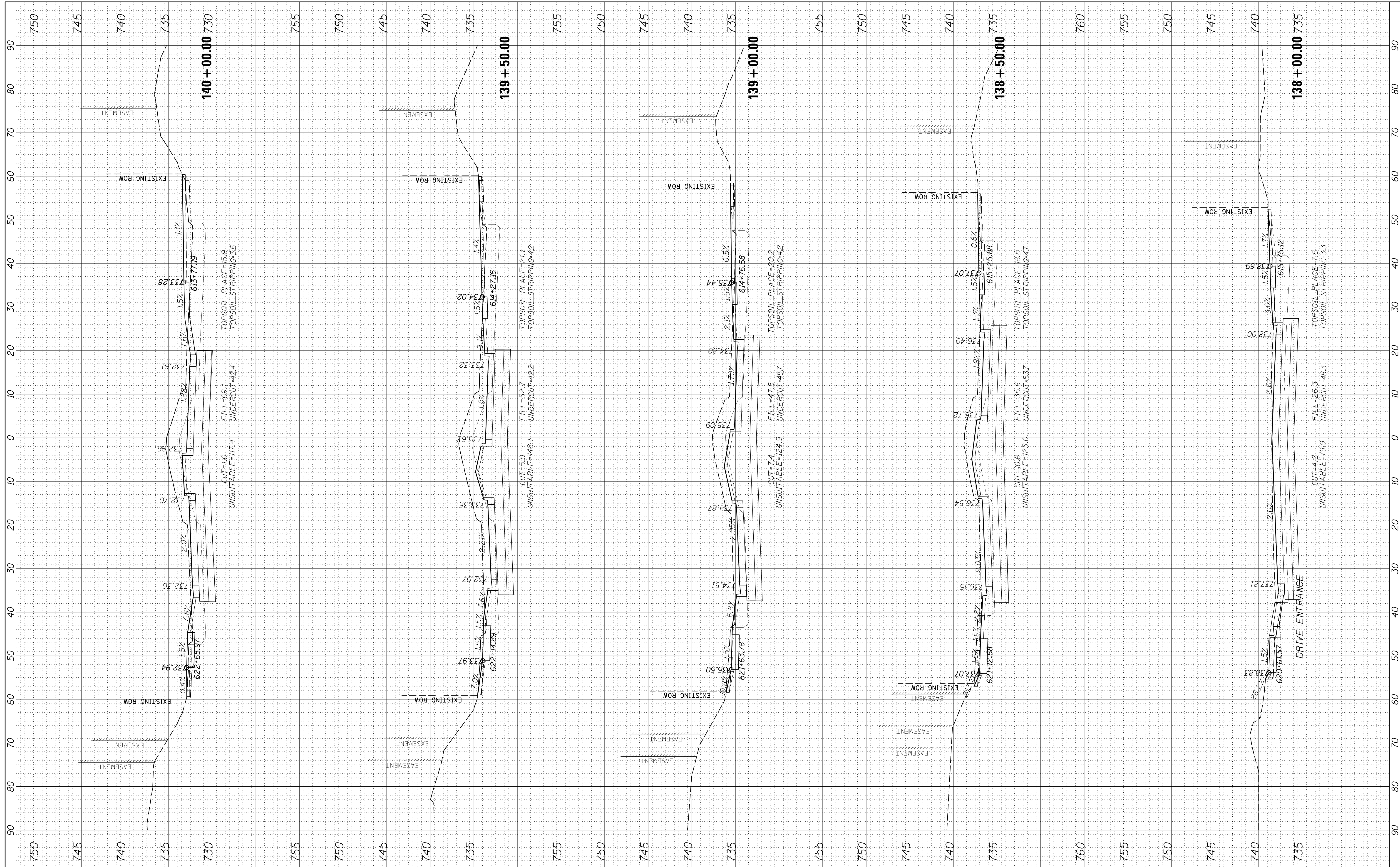
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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-0015-01-PV | COOK | 274 | 265 |
| CONTRACT NO. 61E16 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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| NOTE BOOK | PLOTTED | | |
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| ORIGINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS CHECKED | | |

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FILE NAME = N:\SCHAUMBURG\150321\Civil\XS_150321.STATE.W.SH
 USER NAME = jmler
 PLOT SCALE = 10'
 PLOT DATE = 6/12/2018

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| DATE | - | 12/20/17 FINAL | REVISED | - |

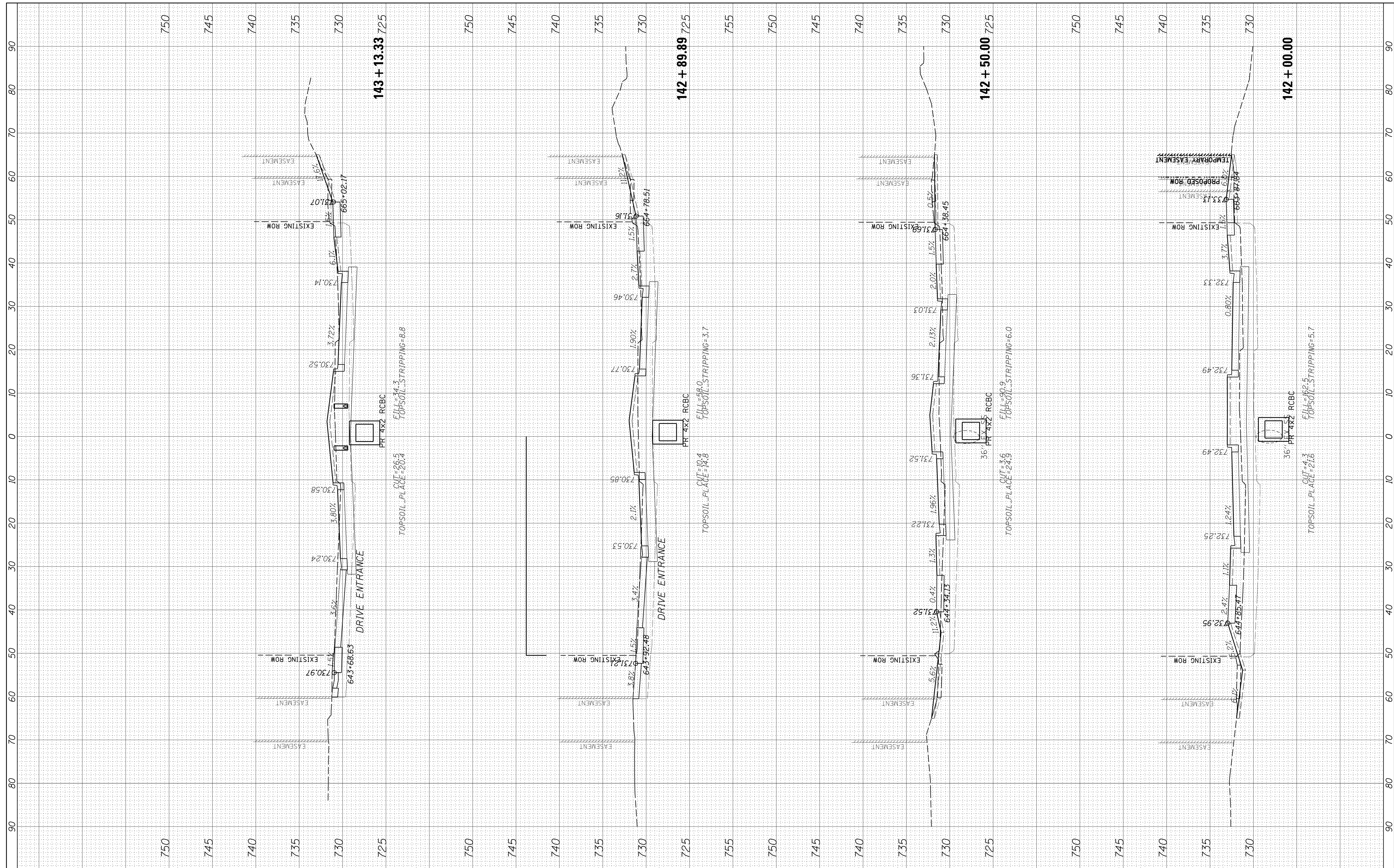
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STATE PARKWAY WEST - CROSS SECTIONS
 SCALE: 10H 5V
 SHEET 2 OF 2 SHEETS
 STA. 138+00.00 TO STA. 140+00.00

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|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 266 |
| CONTRACT NO. 61E16 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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| NOTE BOOK | PLOTTED | | |
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| NOTE BOOK | PLOTTED | | |
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FILE NAME = N:\SCHAUMBURG\150321\Civil\XLS_150321.STATE_E.SH
 USER NAME = jmillr
 PLOT SCALE = 10'
 PLOT DATE = 6/12/2018

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

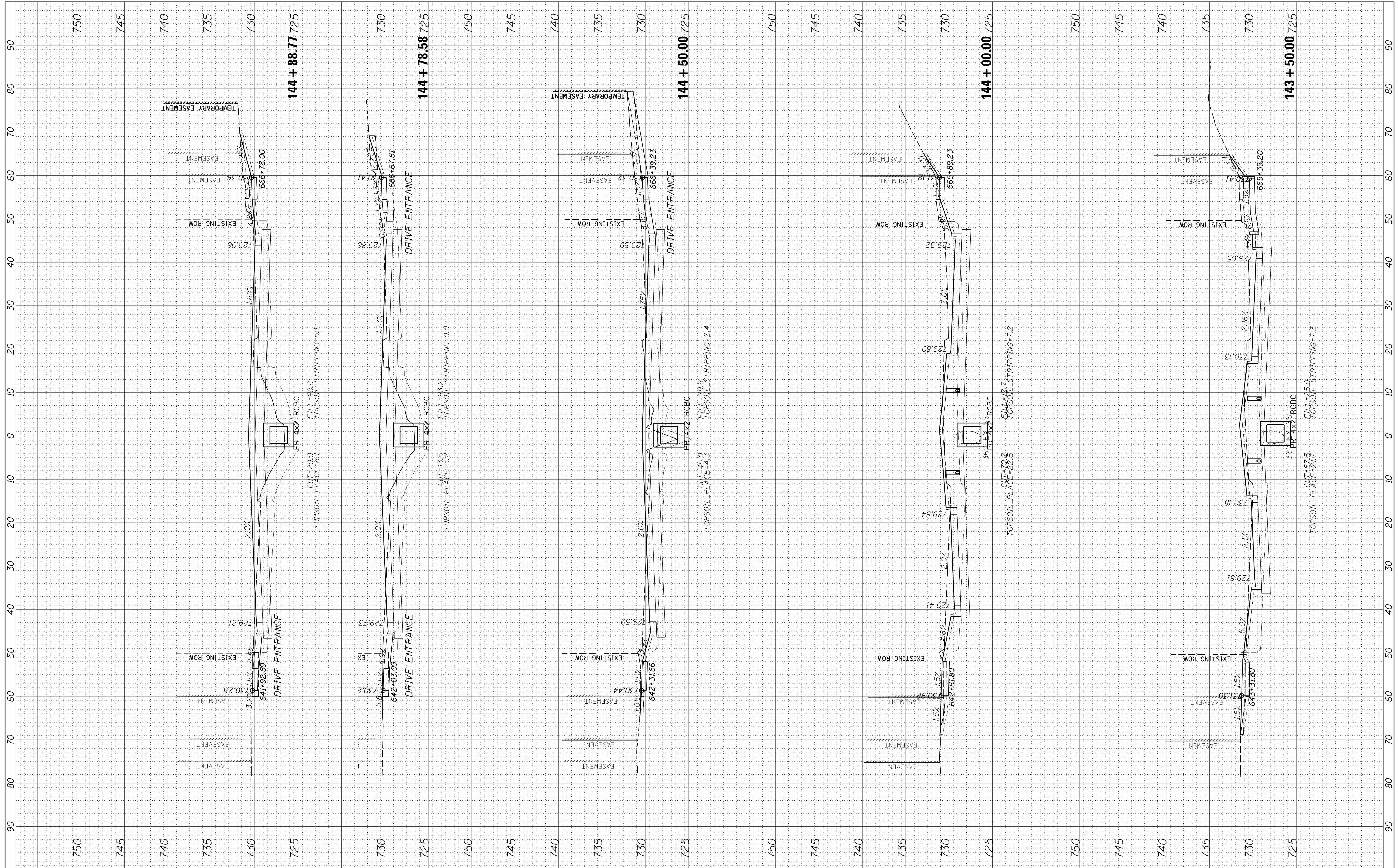
STATE PARKWAY EAST - CROSS SECTIONS

SCALE: 10H 5V SHEET 1 OF 6 SHEETS STA. 142+00.00 TO STA. 143+13.33

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|--------------------|----------------|--------|---------------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 267 |
| CONTRACT NO. 61E16 | | | ILLINOIS FED. AID PROJECT | |

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| FINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
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 PLOT DATE = 6/12/2018

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 CHECKED - JGS
 DATE - 12/20/17 FINAL

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

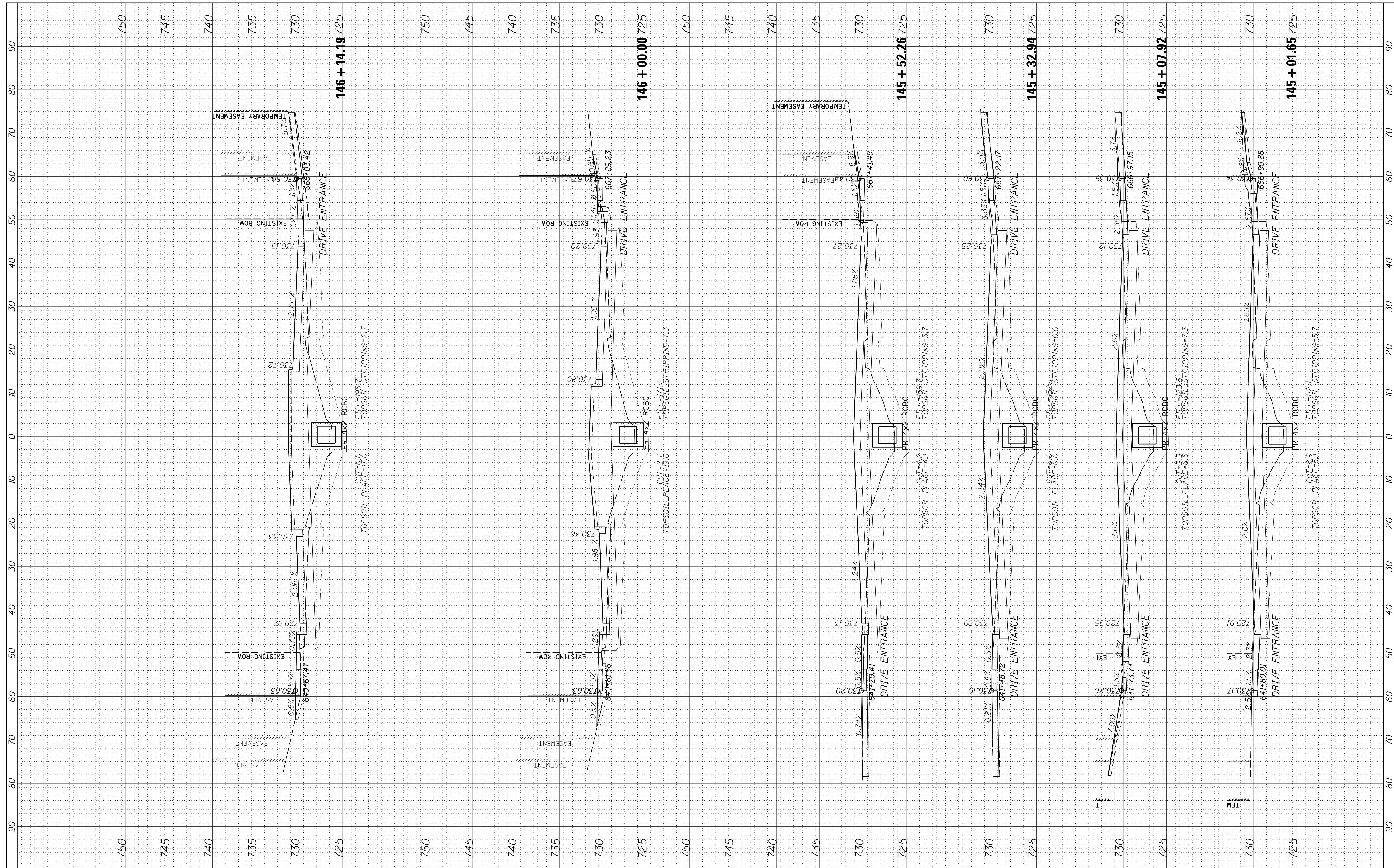
STATE PARKWAY EAST - CROSS SECTIONS

SCALE: 10H 5V SHEET 2 OF 6 SHEETS STA. 143+50.00 TO STA. 144+88.77

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 268 |
| CONTRACT NO. 61E16 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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| FINAL SURVEY | SURVEYED | BY | DATE |
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| ORIGINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
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| | AREAS | | |
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FILE NAME = N:\SCHAUMBURG\150321\Civil\XS_150321.STATE_E.SH
 USER NAME = jmlr
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 PLOT DATE = 6/12/2018

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

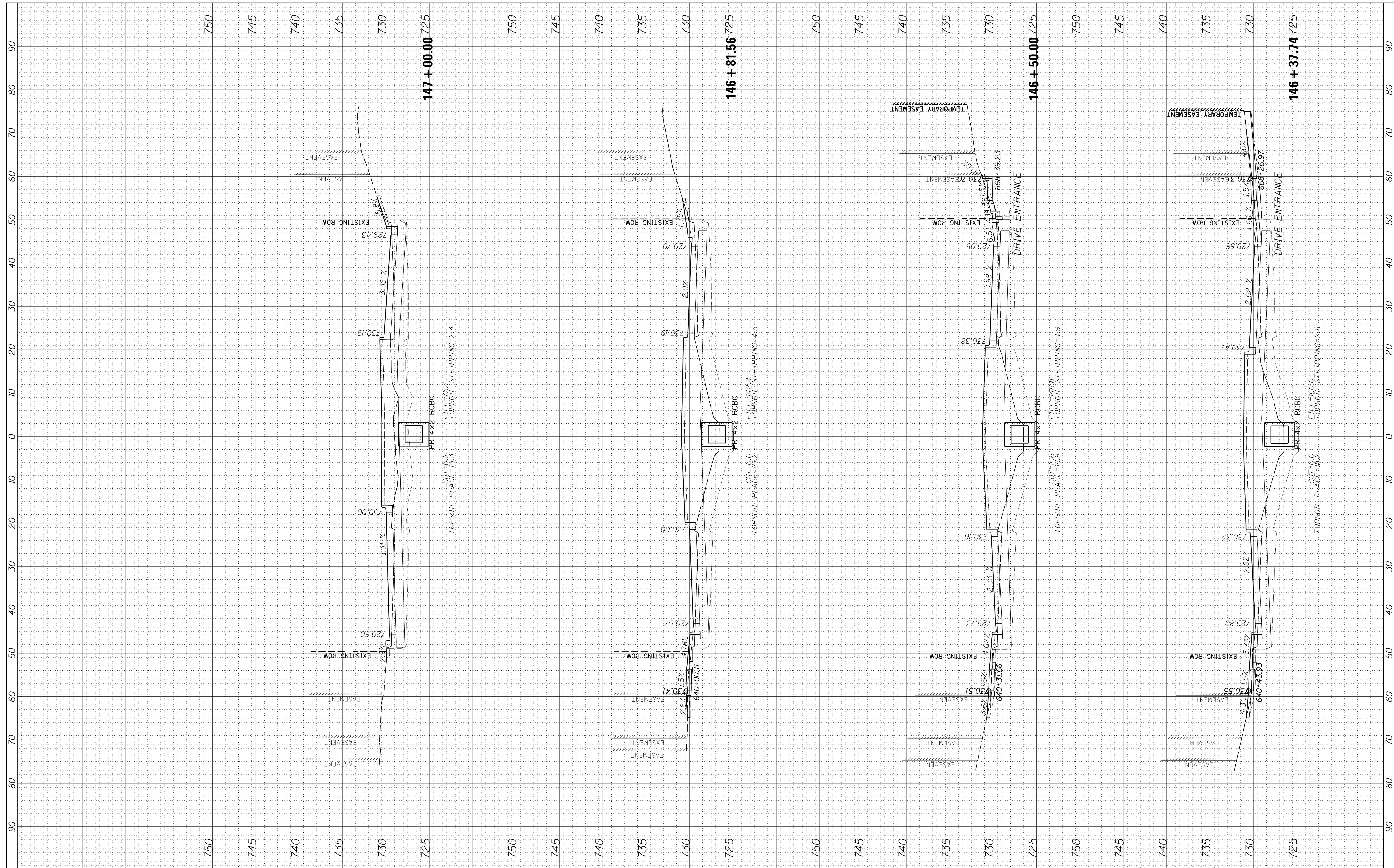
STATE PARKWAY EAST - CROSS SECTIONS

SCALE: 10H 5V SHEET 3 OF 6 SHEETS STA. 145+01.65 TO STA. 146+14.19

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| F.A.U R.T.E. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 269 |
| CONTRACT NO. 61E16 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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| FINAL SURVEY | SURVEYED | BY | DATE |
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| ORIGINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
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| | AREAS CHECKED | | |



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 USER NAME = jmliler
 PLOT SCALE = 10'
 PLOT DATE = 6/12/2018

DESIGNED - BLL
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

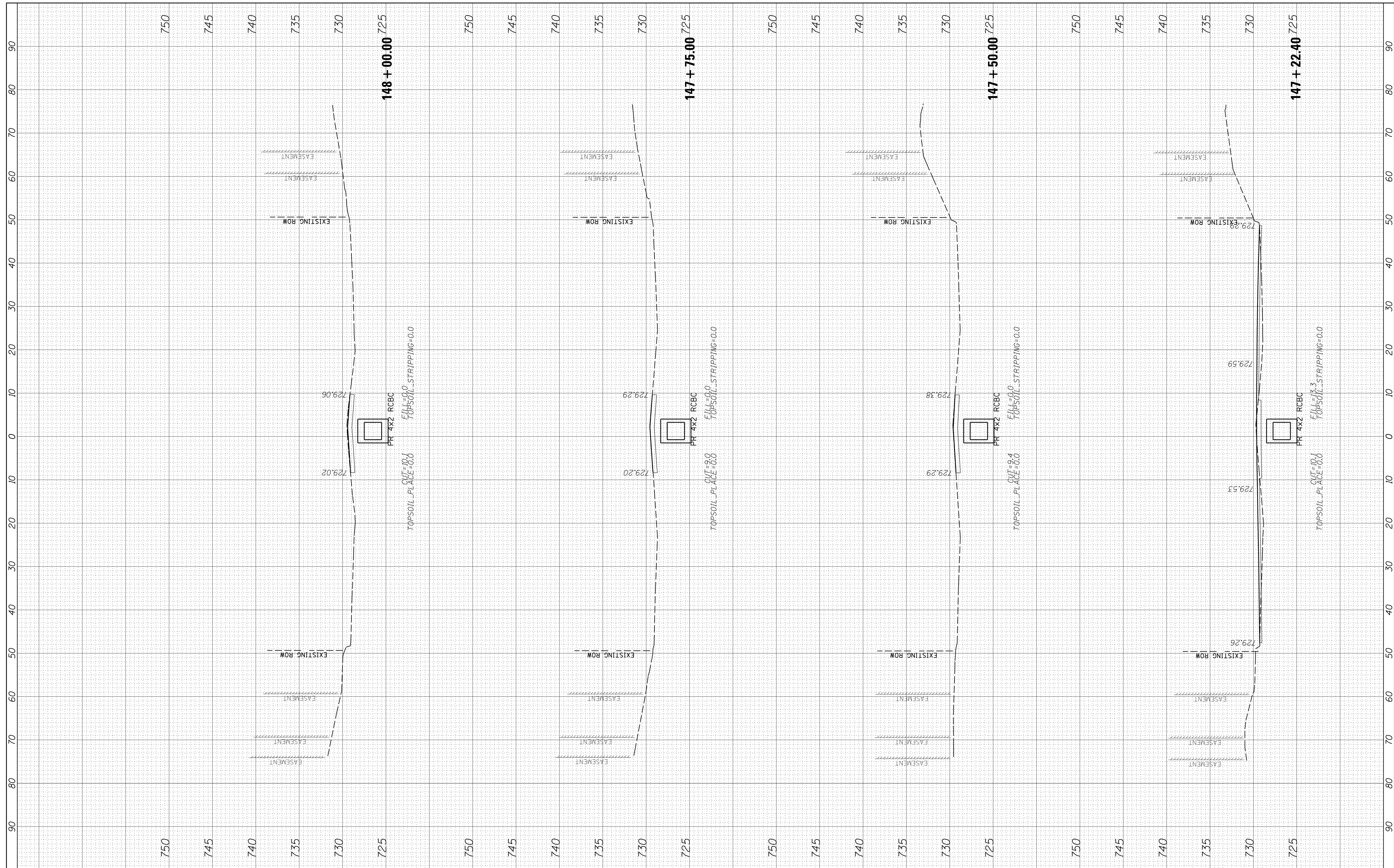
STATE PARKWAY EAST - CROSS SECTIONS

SCALE: 10H 5V SHEET 4 OF 6 SHEETS STA. 146+37.74 TO STA. 147+00.00

| | | | | |
|---------------------------|---------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-0015-01-PV | COOK | 274 | 270 |
| CONTRACT NO. 61E16 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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| FINAL SURVEY | SURVEYED | BY | DATE |
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FILE NAME = N:\SCHAUMBURG\150321\Civil\XS_150321.STATE_E.SH
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 DATE - 12/20/17 FINAL

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

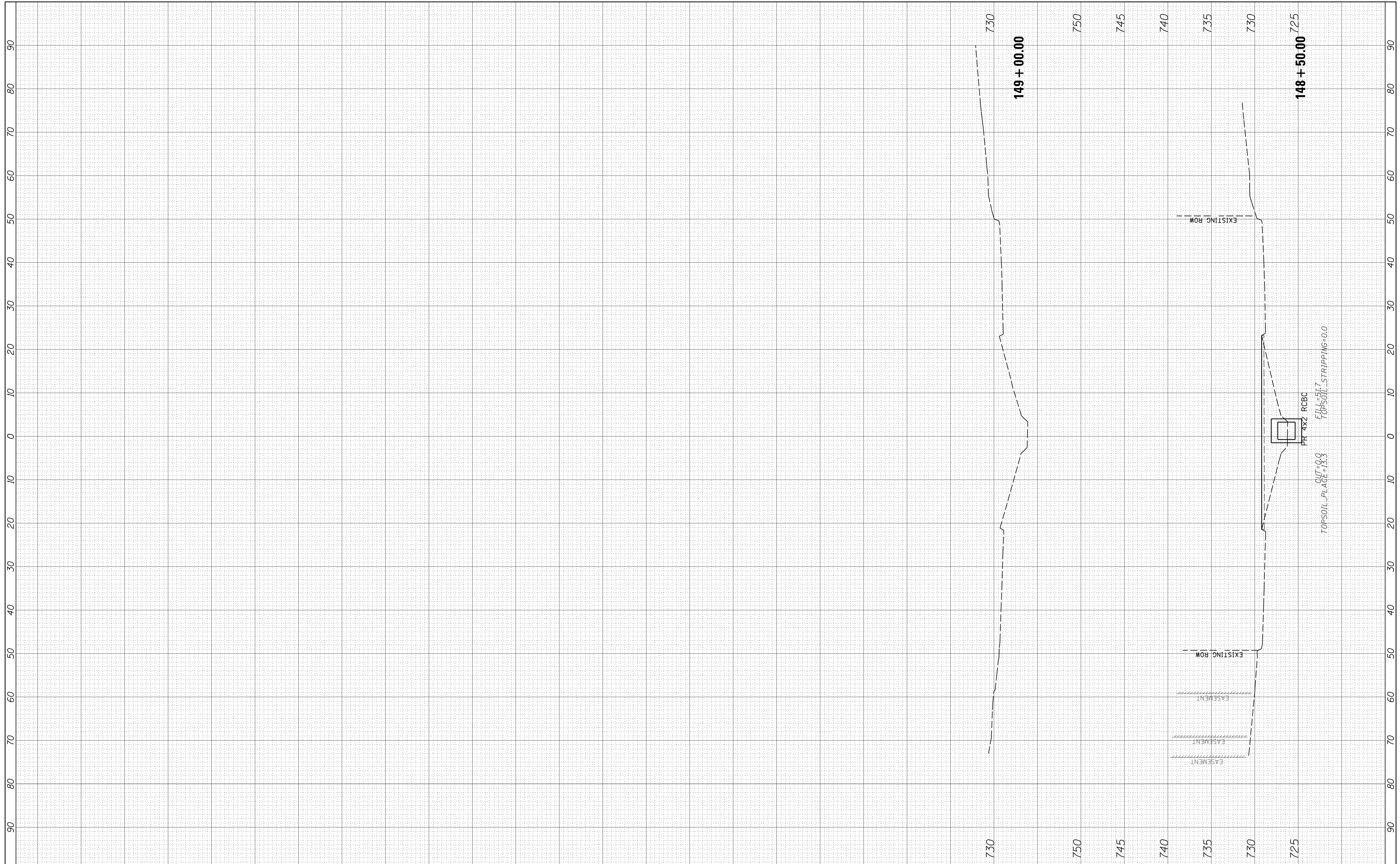
STATE PARKWAY EAST - CROSS SECTIONS

SCALE: 10H 5V SHEET 5 OF 6 SHEETS STA. 147+22.40 TO STA. 148+00.00

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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 271 |
| CONTRACT NO. 61E16 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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FILE NAME = N:\SCHAUMBURG\150321\Civil\XS_150321.STATE_E.SH
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

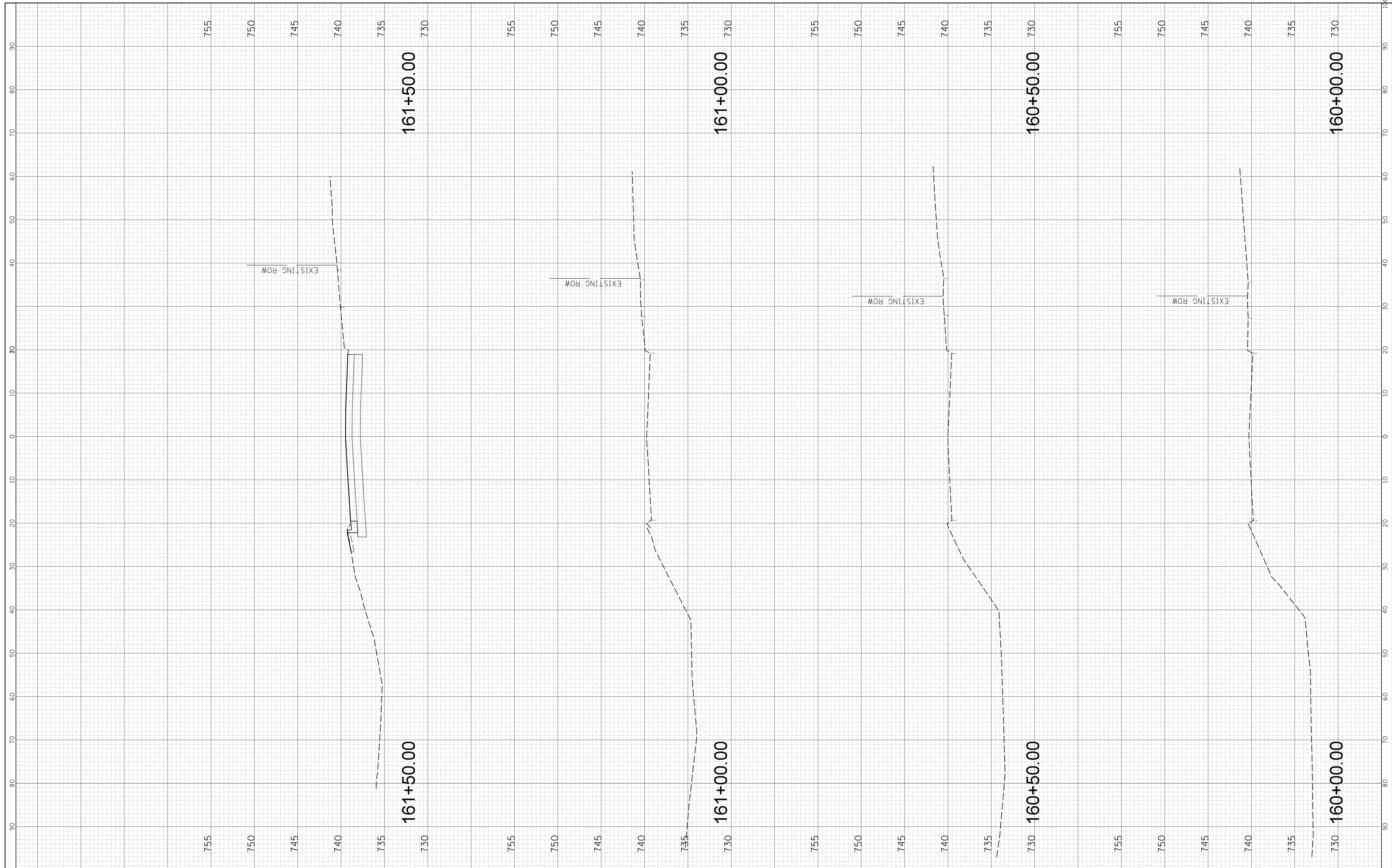
STATE PARKWAY EAST - CROSS SECTIONS

SCALE: 10H 5V SHEET 6 OF 6 SHEETS STA. 148+50.00 TO STA. 149+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 2582 | 14-00115-01-PV | COOK | 274 | 272 |
| CONTRACT NO. 61E16 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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 USER NAME = jmillr
 PLOT SCALE = 10'
 PLOT DATE = 6/12/2018

| | | | |
|------------|----------------|-----------|--|
| DESIGNED - | BLL | REVISED - | |
| DRAWN - | VAR | REVISED - | |
| CHECKED - | JGS | REVISED - | |
| DATE - | 12/20/17 FINAL | REVISED - | |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

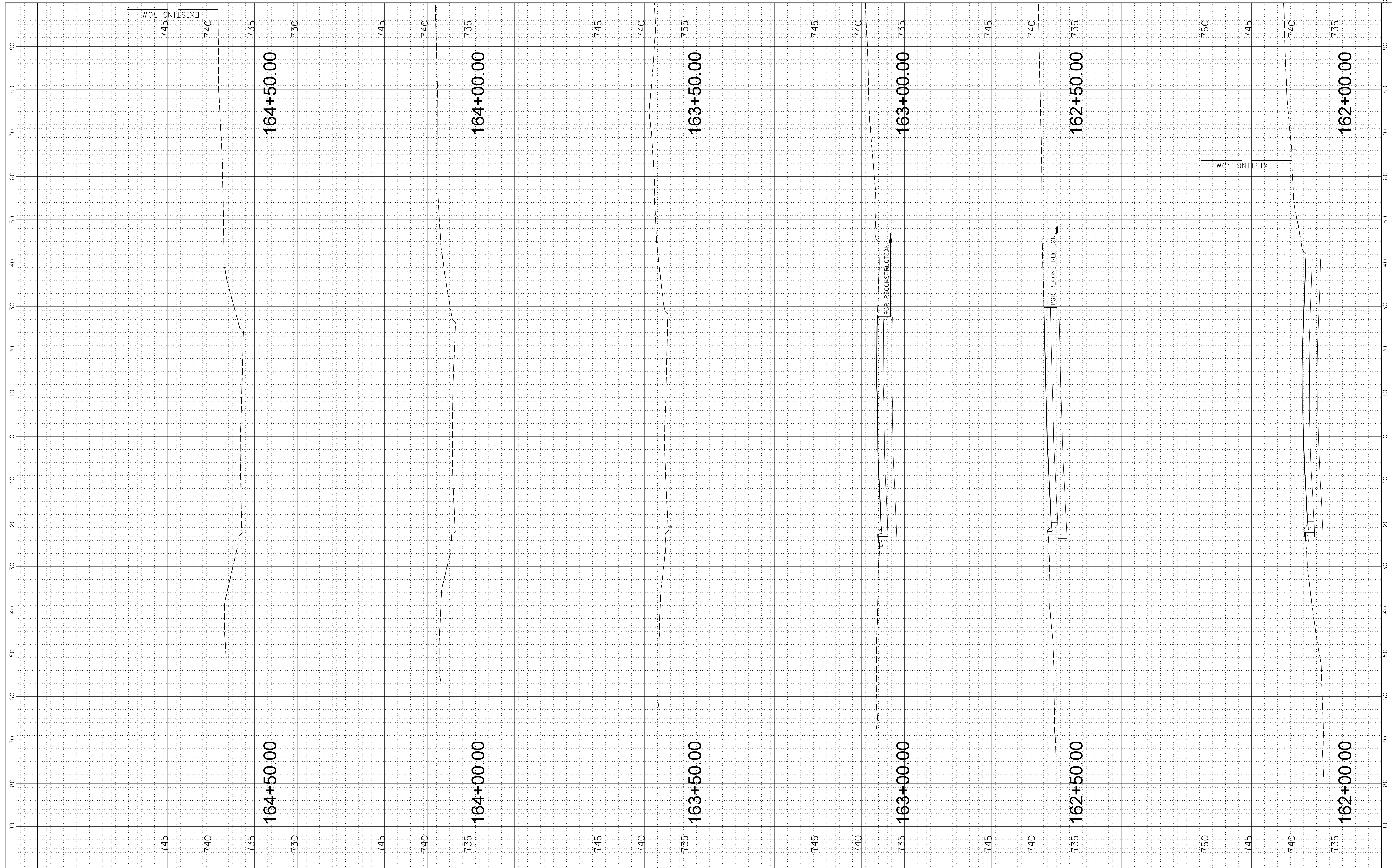
WILEY ROAD - CROSS SECTIONS

SCALE: 10H 5V SHEET 1 OF 2 SHEETS STA. 160+00.00 TO STA. 161+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 2582 | 14-00115-01-PV | COOK | 274 | 273 |
| CONTRACT NO. 61E16 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

| | | | |
|------------------|---|----|------|
| FINAL SURVEY NO. | SURVEYED PLOTTED TEMPLATE AREAS CHECKED | BY | DATE |
| | | | |

| | | | |
|---------------------|---|----|------|
| ORIGINAL SURVEY NO. | SURVEYED PLOTTED TEMPLATE AREAS CHECKED | BY | DATE |
| | | | |



FILE NAME = N:\SCHAUMBURG\150321\Civil\XS_150321.WILEY.SHT
 USER NAME = jmliller
 PLOT SCALE = 10'
 PLOT DATE = 6/12/2018

| | | | |
|------------|----------------|-----------|--|
| DESIGNED - | BLL | REVISED - | |
| DRAWN - | VAR | REVISED - | |
| CHECKED - | JGS | REVISED - | |
| DATE - | 12/20/17 FINAL | REVISED - | |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

WILEY ROAD - CROSS SECTIONS

SCALE: 10H 5V SHEET 2 OF 2 SHEETS STA. 162+00.00 TO STA. 164+50.00

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2582 | 14-00115-01-PV | COOK | 274 | 274 |
| CONTRACT NO. 61E16 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |