

NOTE:

IN CASES A SHORTER PARAPET WITH ATTACHED RAIL, THE ABOVE APPLICATION METHOD WILL STILL APPLY.

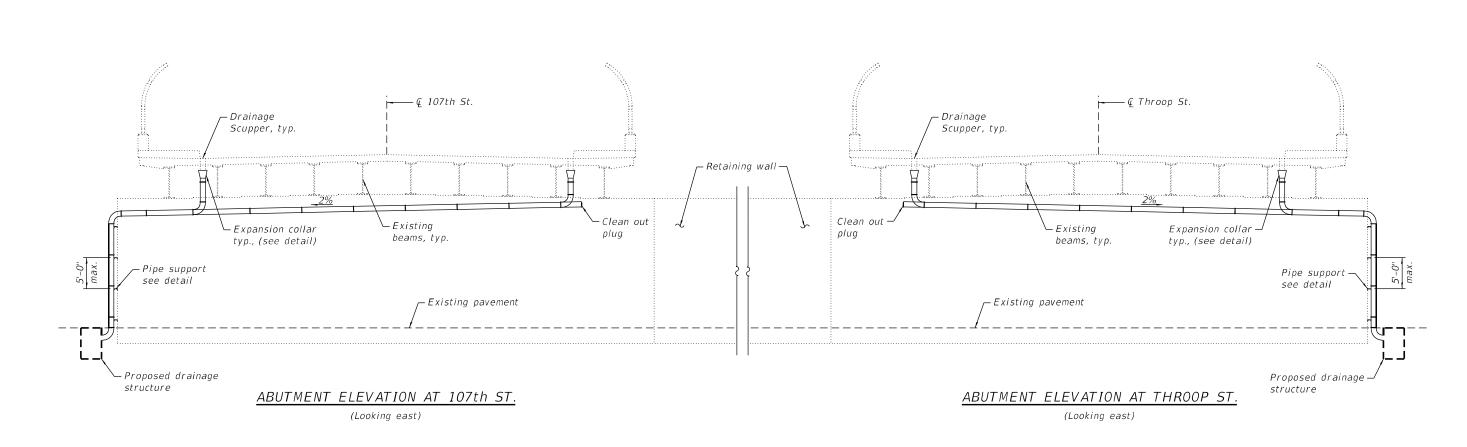
| STRUCTURE SCHEDULE | | | | | | | | | |
|---------------------|------------------|------------------|-----------------------|----------------------|---------------------|---------------------------|---|--|--|
| STRUCTURE NUMBER | FACILITY CARRIED | FEATURE CROSSED | BRIDGE DECK LENGTH | BRIDGE DECK WIDTH | BRIDGE DECK AREA | BRIDGE PARAPET AREA | X5870015 BRIDGE DECK CONCRETE SEALER | | |
| 016-0064 | I-57 SB | CAL SAG CHANNEL | 491.9 | 54.5 | 26,809 | 5,010 | 31,819 | | |
| 016-0065 | I-57 NB | CAL SAG CHANNEL | 491.9 | 54.5 | 26,809 | 5,010 | 31,819 | | |
| 016-0066 | I - 57 SB | VERMONT ST | | | | 1,131 | 1,131 | | |
| 016-0067 | I-57 NB | VERMONT ST | 164.7 | 56.0 | 9,223 | 1,442 | 10,665 | | |
| 016-1251 | I - 57 | I-294 | 268.5 | 190.8 | 51,239 | 4,575 | 55,814 | | |
| 016-1252 | I-57 | I-57NB 2 I-294NB | 74.9 | 190.8 | 14,293 | 1,237 | 15,530 | | |
| | | • | • | | | TOTAL = | 146,778 | | |

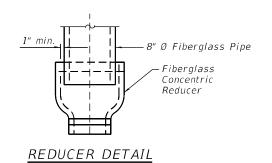
| MODEL: \$MODEL FILE NAME: \$FILE | 8501 Chicago | GROEF W. Higgins Road; Suite 280 , Illinois 60631; (773) 399-0112 |
|-------------------------------------|-----------------|---|
| | \$DATE\$ | \$TIME\$ |

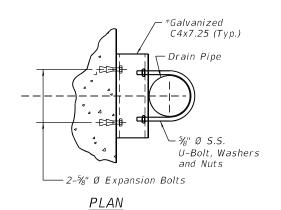
| USER NAME = | DESIGNED | - | F.B. | REVISED | - | 12/03/2021 |
|--------------|----------|---|--------|---------|---|------------|
| | CHECKED | - | H.A. | REVISED | - | |
| PLOT SCALE = | DRAWN | - | D.C.P. | REVISED | - | |
| PLOT DATE = | CHECKED | - | H.A. | REVISED | - | |
| | | | | | | |

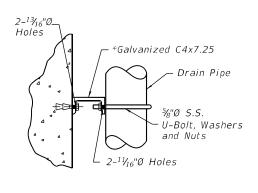
| STATE OF ILLINOIS |
|------------------------------|
| DEPARTMENT OF TRANSPORTATION |

| TYPICAL BRIDGE DECK SECTION | | SECTION | | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------------|--|---------------|---------|-----------|-----------------|--------------|
| | | 2020-212-RS&T | - | соок | 229 | 166 |
| | | | | CONTRAC | T NO. 62 | M84 |
| SHEET 1 OF 3 SHEETS | | ILLINOIS | EED AII | D PROJECT | - | |









ELEVATION

PIPE SUPPORT DETAIL

*Provide curved C6x8.2 to fit Round Pier Columns where needed

SECTION B-B $-\frac{1}{4}$ "Ø $x\frac{3}{4}$ " S.S. Bolt and Nut 10 Gauge Stainless Steel Bend & Drill teat as required Teat (bend as S.S.5⁄₃₂"Ø Rivet required) R'd H'd (loose fit SECTION C-C DETAIL OF EXPANSION COLLAR

Notes:

- Contractor shall field verify existing scuppers, pipes and drainage structures prior to any shop drawings submittal.
- 2. S.S. denotes Stainless Steel.

| _ | USE |
|-------|-----|
| GR@EF | |
| | |

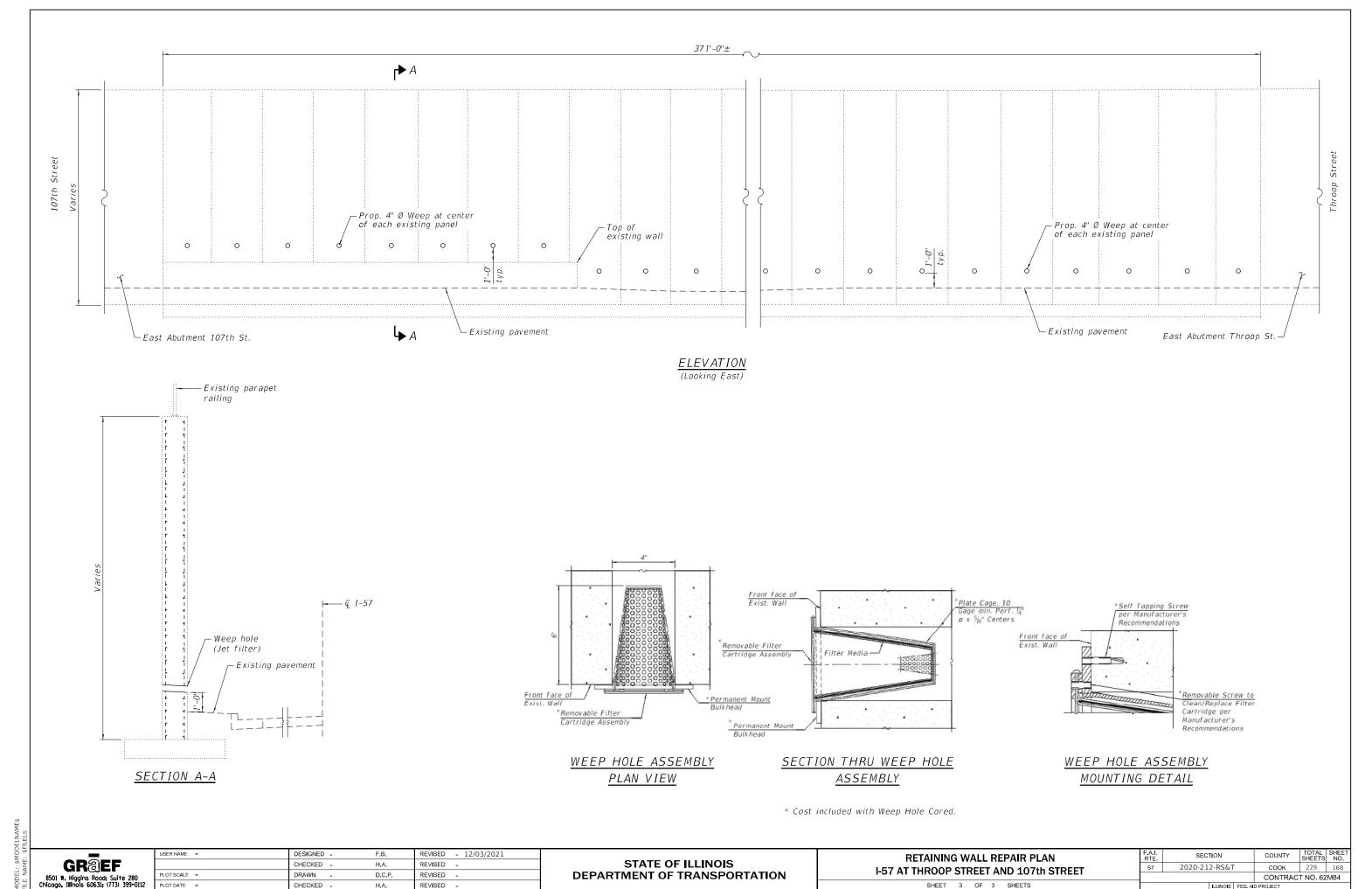
8501 W. Higgins Road; Suite 280 Chicago, Illinois 60631; (773) 399-0112

| USER NAME = | DESIGNED . | - | F.B. | REVISED | - |
|--------------|------------|---|--------|---------|---|
| | CHECKED . | - | H.A. | REVISED | - |
| PLOT SCALE = | DRAWN . | - | D.C.P. | REVISED | - |
| PLOT DATE = | CHECKED . | - | H.A. | REVISED | - |
| | | | | | |

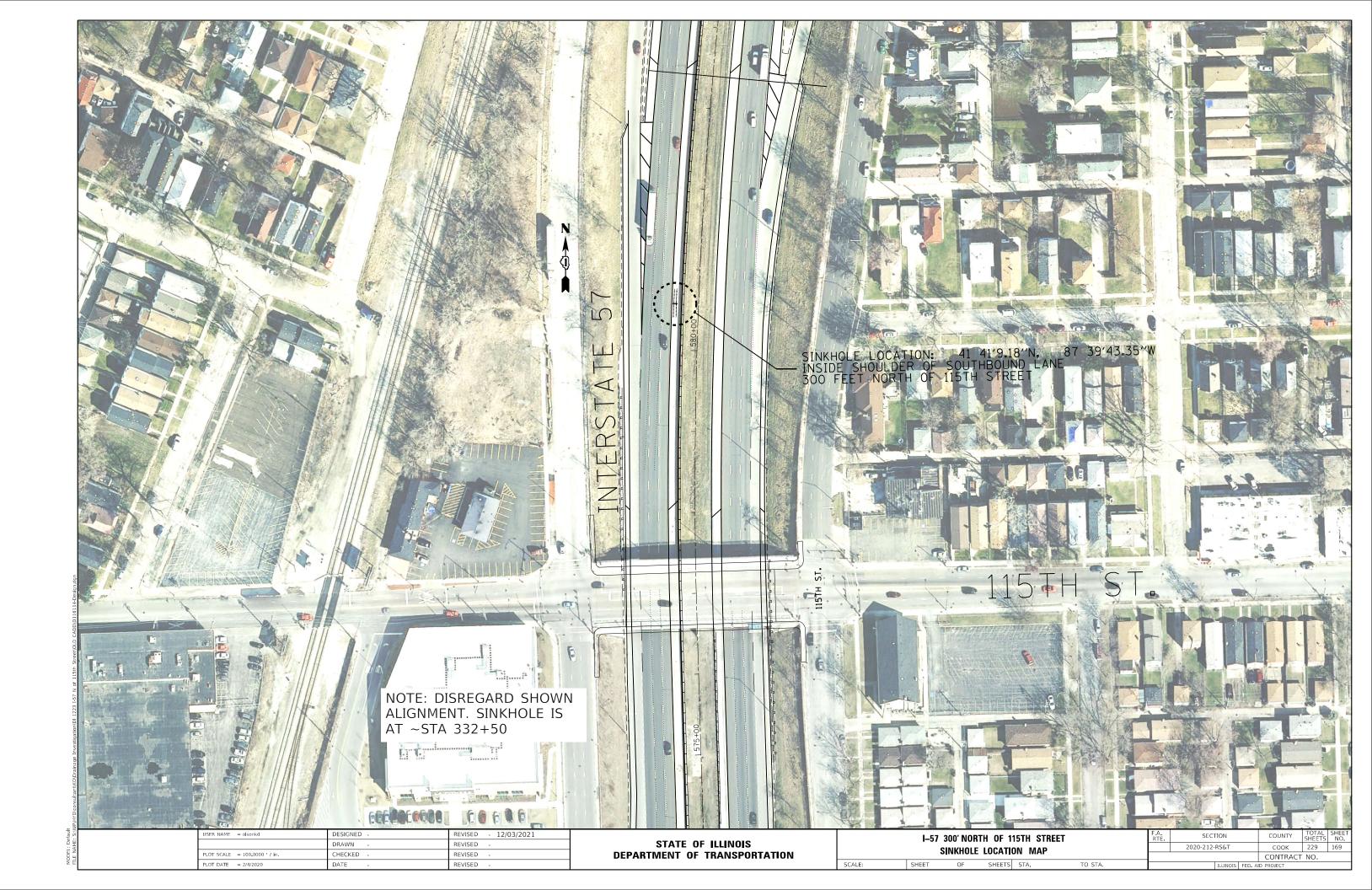
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

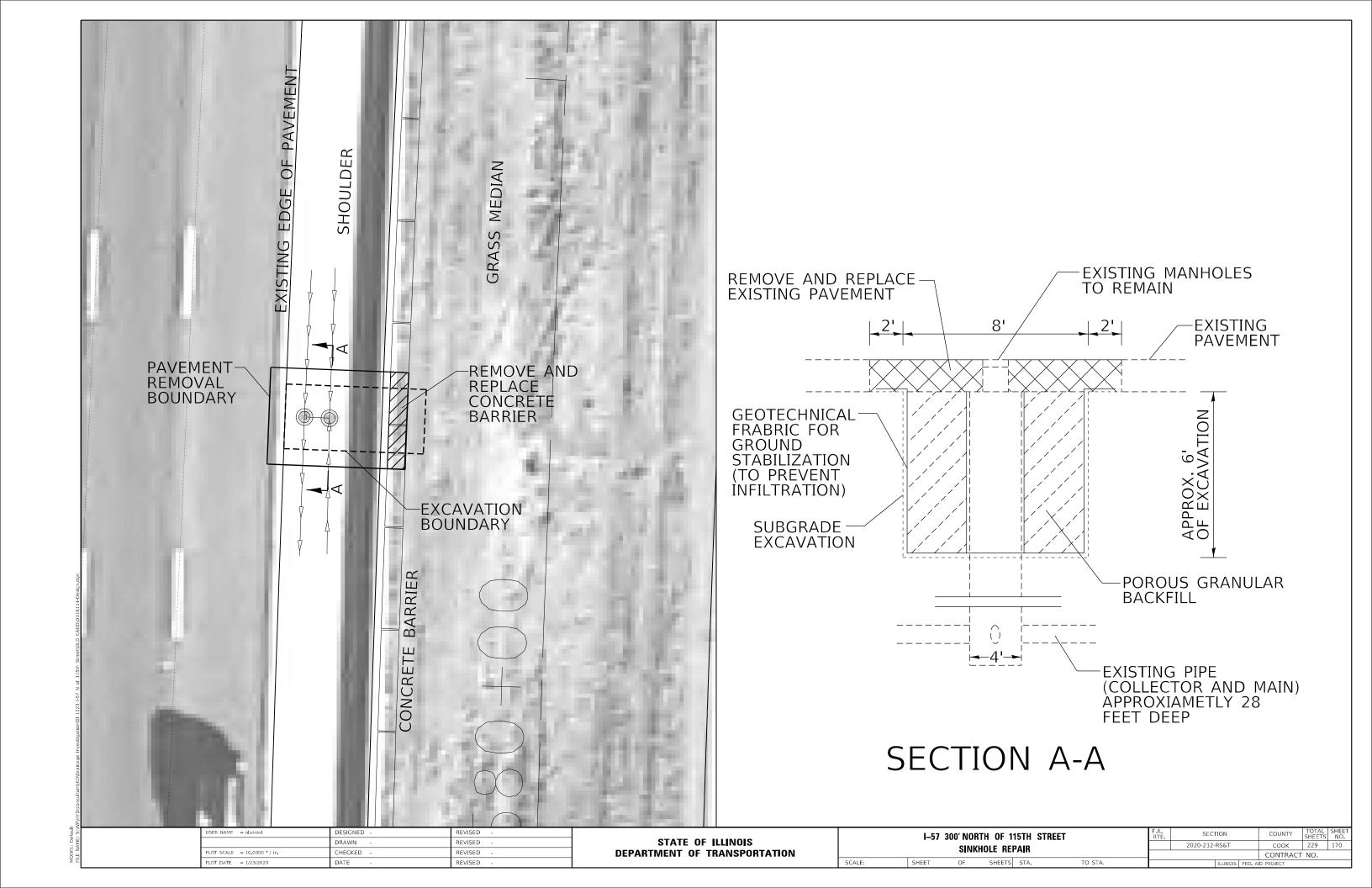
| DRAINAGE SYSTEM DETAILS AT ABUTMENTS | F.A.I. RTE | |
|--|---------------|---|
| I-57 AT THROOP STREET AND 107th STREET | 57 | 2 |
| FOT AT TIMOOF STREET AND TOTAL STREET | | |
| CHEET A OF A CHEETO | | |

SECTION 2020-212-RS&T COOK 229 167 CONTRACT NO. 62M84



\$DATES \$TIMI





GENERAL NOTES:

- THIS PROJECT INCLUDES THE REMOVAL OF EXISTING SURVEILLANCE EQUIPMENT IN THE PAVEMENT AS A RESULT OF ROADWAY WORK AND REPLACING THE EQUIPMENT WITH NEW SENSORS. AT SOME LOCATIONS ADDITIONAL EQUIPMENT IS ALSO REQUIRED AS INDICATED ON THE PLANS TO INTEGRATE WITH THE EXISTING SYSTEM.
- THE EXISTING SURVEILLANCE SYSTEM IS OWNED AND MAINTAINED BY THE STATE OF ILLINOIS. PARTIAL MAINTENANCE OF THE SYSTEM SHALL BE TRANSFERRED TO THE CONTRACTOR PRIOR TO THE START OF ANY WORK.
- 3. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTENANCE OF THE EXISTING AND PROPOSED SURVEILLANCE EQUIPMENT IMPACTED BY THE WORK. COST IS INCLUDED IN MAINTAINING ITS DURING CONSTRUCTION PAY ITEM
- 4. THE QUANTITIES OF RACEWAY WHEREVER INDICATED ON THESE PLANS ARE APPROXIMATIONS ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL LENGTHS AND SHALL INSTALL RACEWAYS IN COMPLETE COMPLIANCE WITH THE SPECIFIED REQUIREMENTS.
- THE CONTRACTOR SHALL NOTIFY J.U.L.I.E. TO LOCATE AND MARK/STAKE ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL ALSO CONTACT MEADE ELECTRIC DISTRICT 1 ELECTRICAL MAINTENANCE CONTRACTOR TO LOCATE IDOT ELECTRICAL EQUIPMENT AND UNDERGROUND CABLES BY CALLING (773)-287-7672.
- 6. THE CONTRACTOR SHALL MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES FOR EXAMINATION AND CONFIRMATION WITH THE ENGINEER. SIMILARLY THE LOCATIONS FOR PROPOSED ITS INFRASTRUCTURE ARE DIAGRAMMATICALLY SHOWN AND FINAL LOCATIONS SHALL BE APPROVED BY THE ENGINEER
- 7. THE CONTRACTOR SHALL VERIFY LOCATIONS OF UNDERGROUND/OVERHEAD UTILITIES PRIOR TO INSTALLATION OF LIGHT POLES AND CONDUITS. IF THERE IS A CONFLICT WITH THE LIGHT POLES/CONDUITS AS SHOWN ON PLANS, THE CONTRACTOR SHALL SUGGEST ALTERNATIVE LOCATIONS AND COORDINATE WITH THE ENGINEER PRIOR TO PERFORMING DIGGING WORK. IT SHALL ALSO BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION ACTIVITIES.
- 3. THE CONTRACTOR SHALL TAKE CARE TO AVOID CONFLICTS WITH EXISTING UNDERGROUND UTILITIES, PAVEMENT AND TREES INCLUDING THEIR ROOTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE. THE CONTRACTOR SHALL REPAIR ANY DAMAGE AT NO ADDITIONAL COST AND THE REPAIRS SHALL BE TO THE SATISFACTION OF THE ENGINEER.
- 9. TRENCHES FOR LIGHTING RACEWAYS SHALL HAVE A MINIMUM DEPTH OF 30".
- 10. THE CONTRACTOR SHALL PROVIDE ALL LABOR, EQUIPMENT AND MATERIALS NECESSARY TO COMPLETE ALL ELECTRICAL AND ITS WORK.
- 11. ALL ELECTRICAL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC), LIFE SAFETY CODE (NFPA) 101, OSHA AND ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATION REQUIREMENTS.
- 12. THE CONTRACTOR SHALL COORDINATE WITH SENSYS NETWORKS FOR TECHNICAL SUPPORT TO ENSURE THAT THE PROPOSED SYSTEM IS INTEGRATED WITH THE EXISTING SENSYS SERVERS IN OAK PARK, IL.
- 13. THE WIRELESS VEHICLE DETECTION SENSOR PAY ITEM: WIRELESS IN PAVEMENT DETECTOR (X1400337) SHALL INCLUDE SENSYS PRODUCTS VSN240-F-2 AND VSN240-EPX-SOT-01.

BILL OF MATERIALS

| PAY ITEM | DESCRIPTION | UNIT | QUANTITY |
|----------|--|--------|----------|
| 81028200 | UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA. | FOOT | 76 |
| 83600352 | LIGHT POLE FOUNDATION, METAL, 11 1/2" BOLT CIRCLE, 8 5/8" X 6' | EACH | 3 |
| X0320024 | ETHERNET MANAGE SWITCH | EACH | 17 |
| X0325462 | MEDIA CONVERTER | EACH | 17 |
| X0326812 | CAT 5 ETHERNET CABLE | FOOT | 76 |
| X0327117 | ATMS SYSTEM INTEGRATION | L SUM | 1 |
| X0327616 | MAINTAINING ITS DURING CONSTRUCTION | CAL MO | 6 |
| X1400106 | WIRELESS VEHICLE DETECTION SYSTEM | EACH | 17 |
| X1400211 | LIGHT POLE, SPECIAL, 30' | EACH | 3 |
| X1400337 | WIRELESS IN PAVEMENT DETECTOR | EACH | 222 |
| X1400438 | WIRELESS VEHICLE DETECTION SOLAR REPEATER | EACH | 5 |

LEGEND

O PROPOSED LIGHT POLE, SPECIAL, 30 FT. WITH RADIO OR REPEATER INSTALLED PER PLAN

 \otimes EXISTING CAMERA OR RTMS POLE WITH RADIO OR REPEATER INSTALLED PER PLAN

EXISTING SURVEILLANCE CABINET

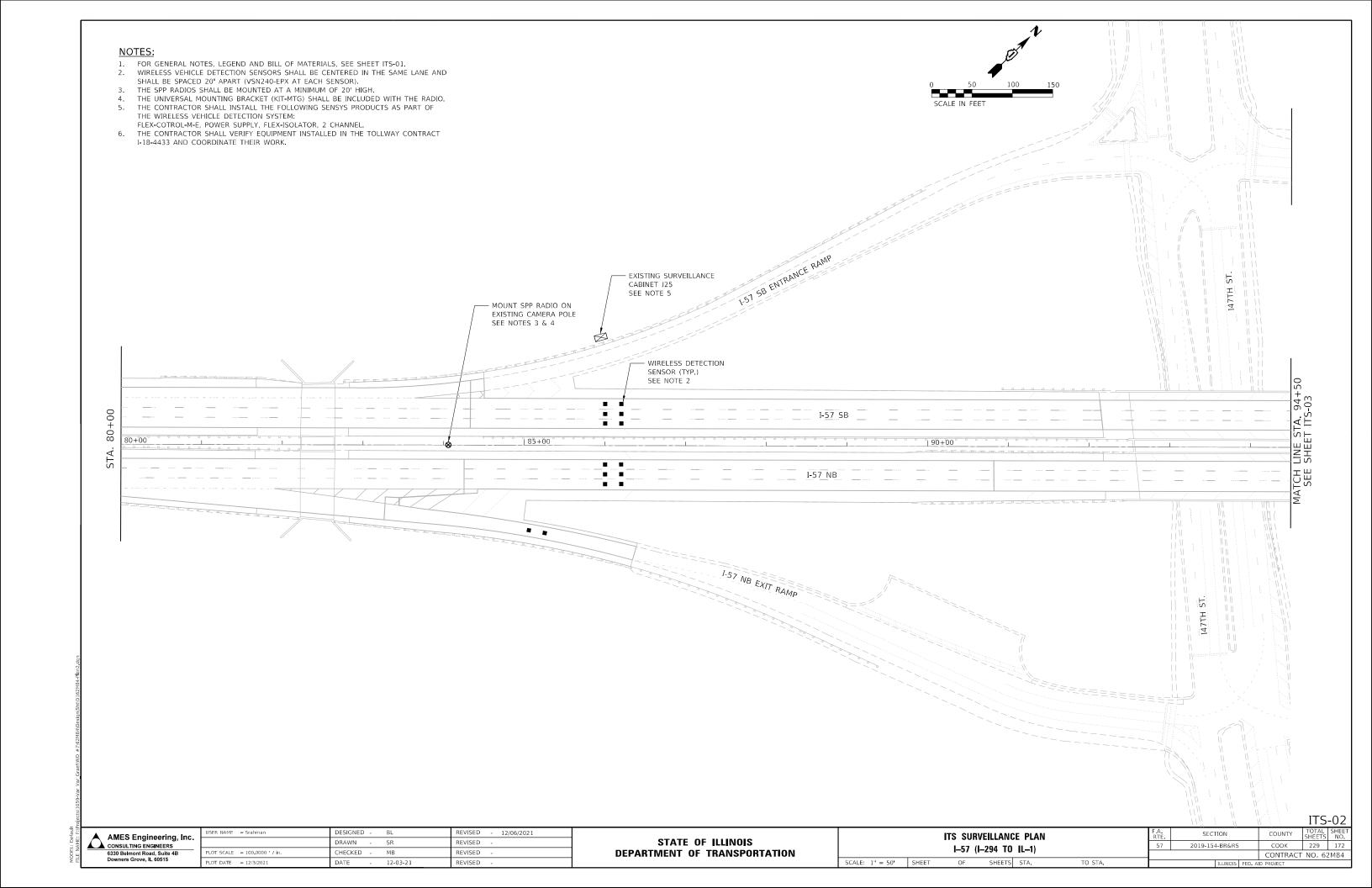
2" DIA. GALVANIZED STEEL CONDUIT WITH OUTDOOR RATED CATSE CABLE

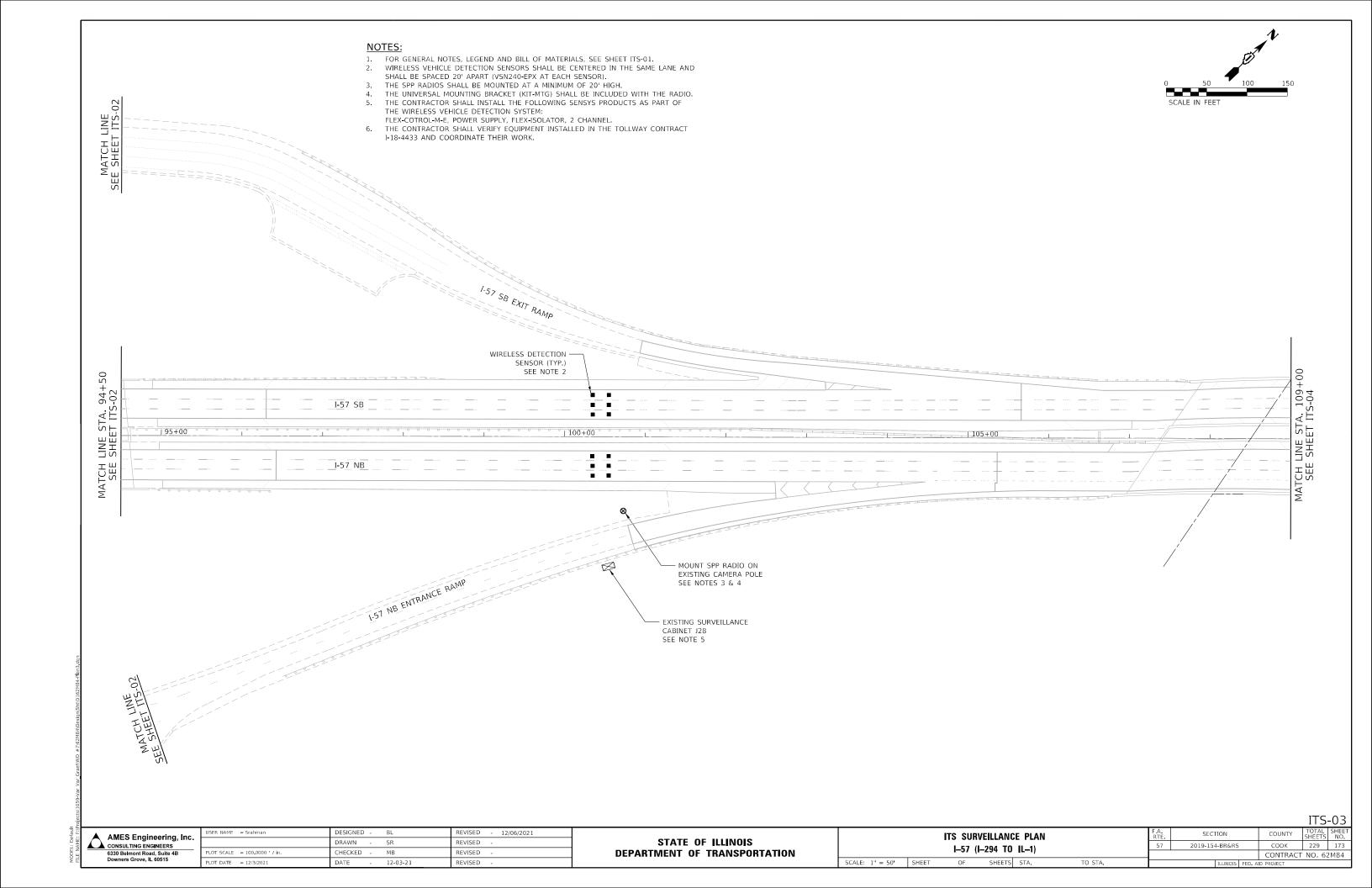
○───Œ EXISTING LIGHTING UNIT WITH REPEATER INSTALLED PER PLAN

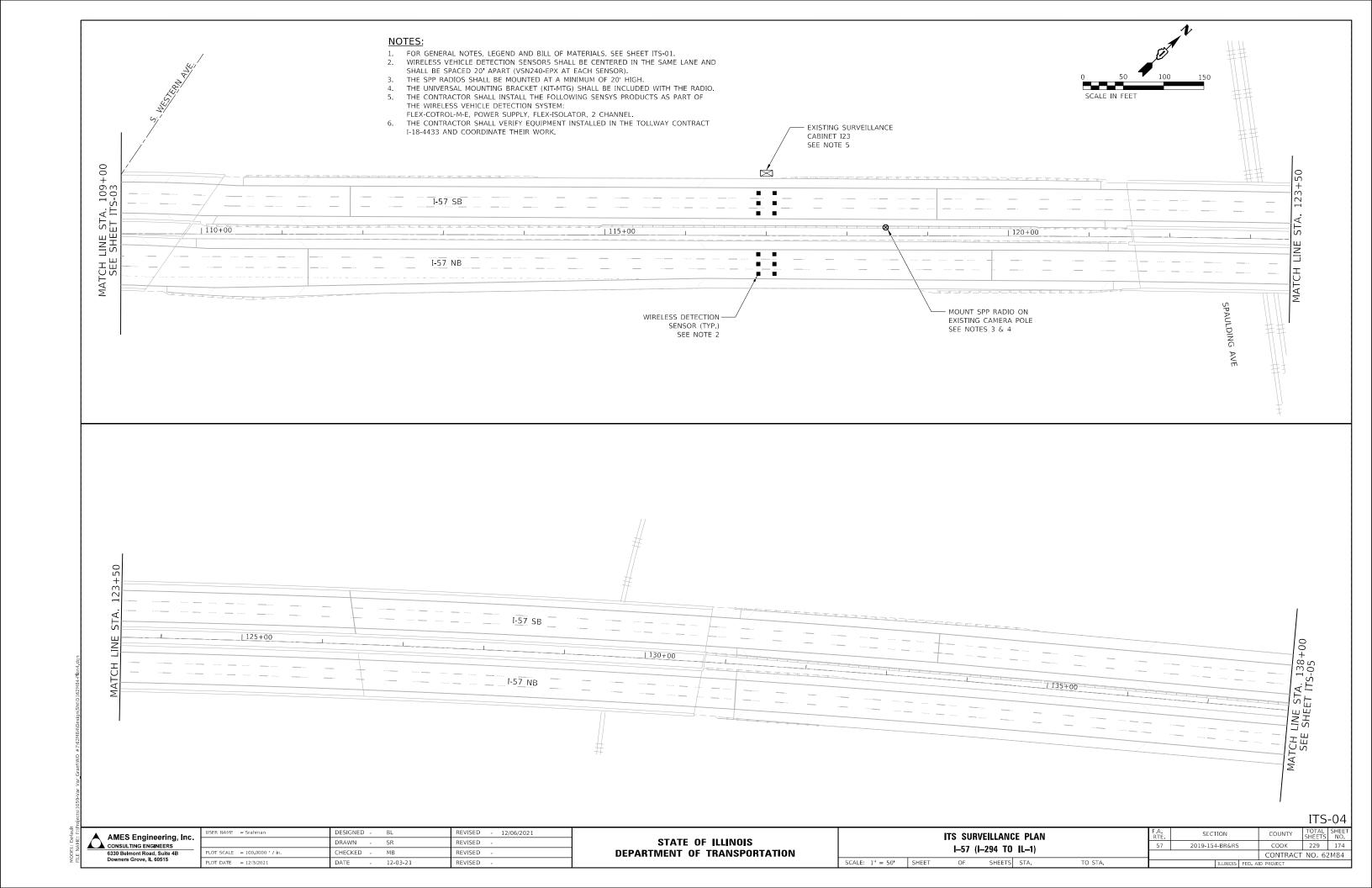
AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60616

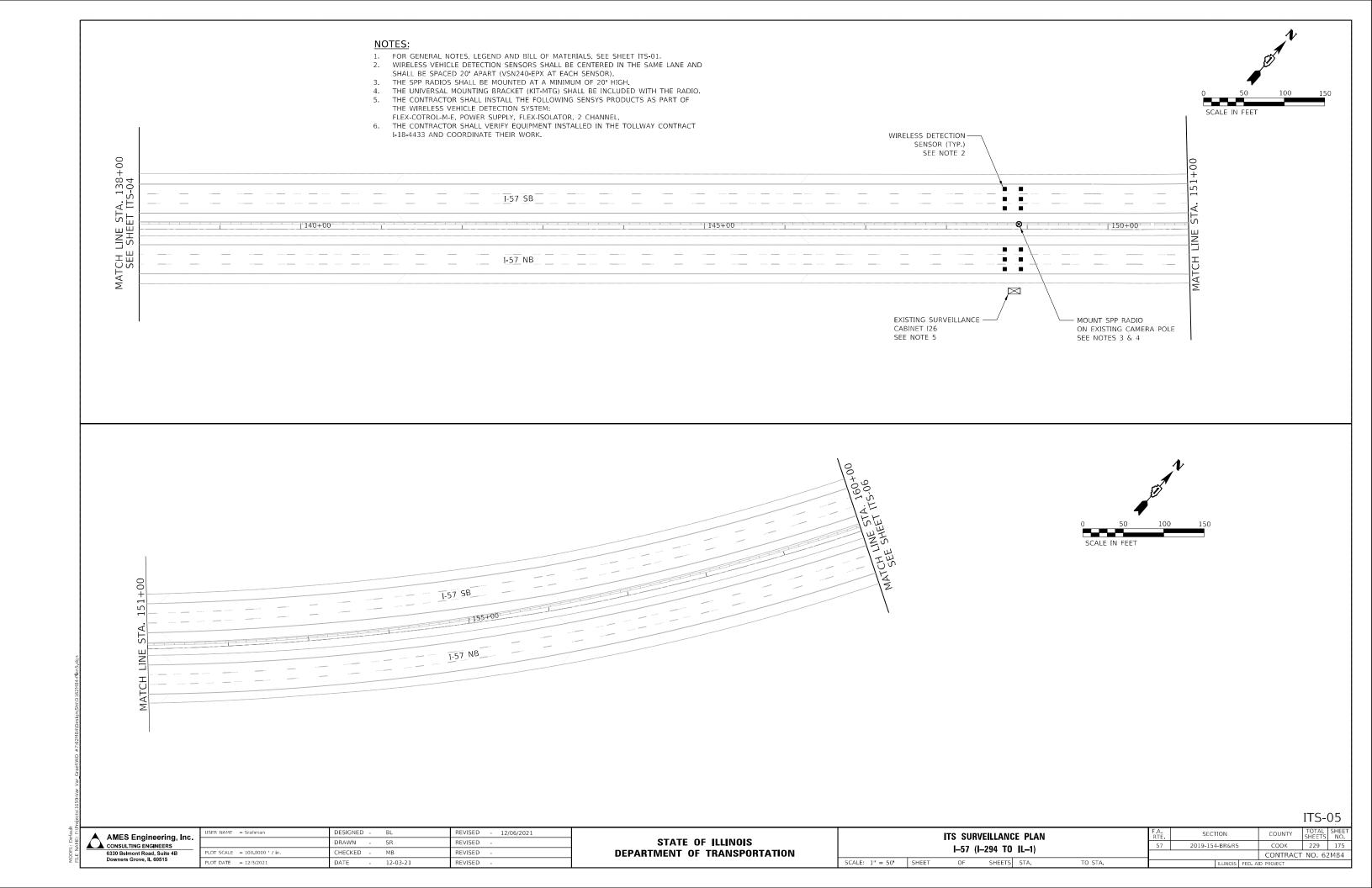
| USER NAME = Srahman | DESIGNED - | BL | REVISED - 12/06/2021 |
|-----------------------------|------------|----------|----------------------|
| | DRAWN - | SR | REVISED - |
| PLOT SCALE = 100.0020 / in. | CHECKED - | MB | REVISED - |
| PLOT DATE = 12/3/2021 | DATE - | 08-18-21 | REVISED - |

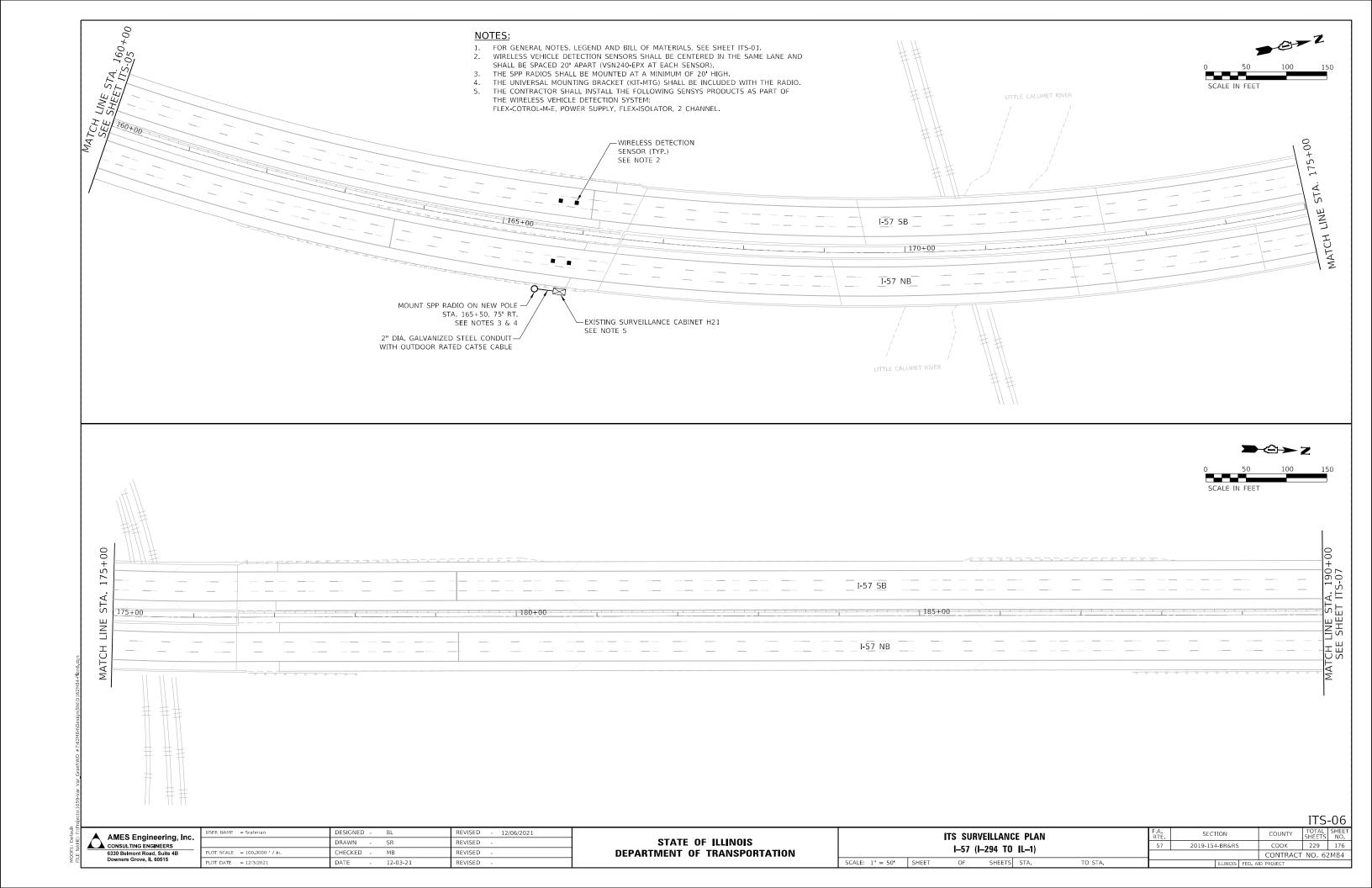
| GEI | F.A. RTE. | SECTION | | | | | |
|----------------------|--------------|----------|----------|-------|---------|-----|----------------|
| I–57 (I–294 TO IL–1) | | | | | | | 2019-154-BR&RS |
| | | 1-37 (1- | 234 10 1 | IL-1/ | | JOB | NO. |
| SCALE: NONE | SHEET | OF | SHEETS | STA. | TO STA. | | ILLINOIS FEE |

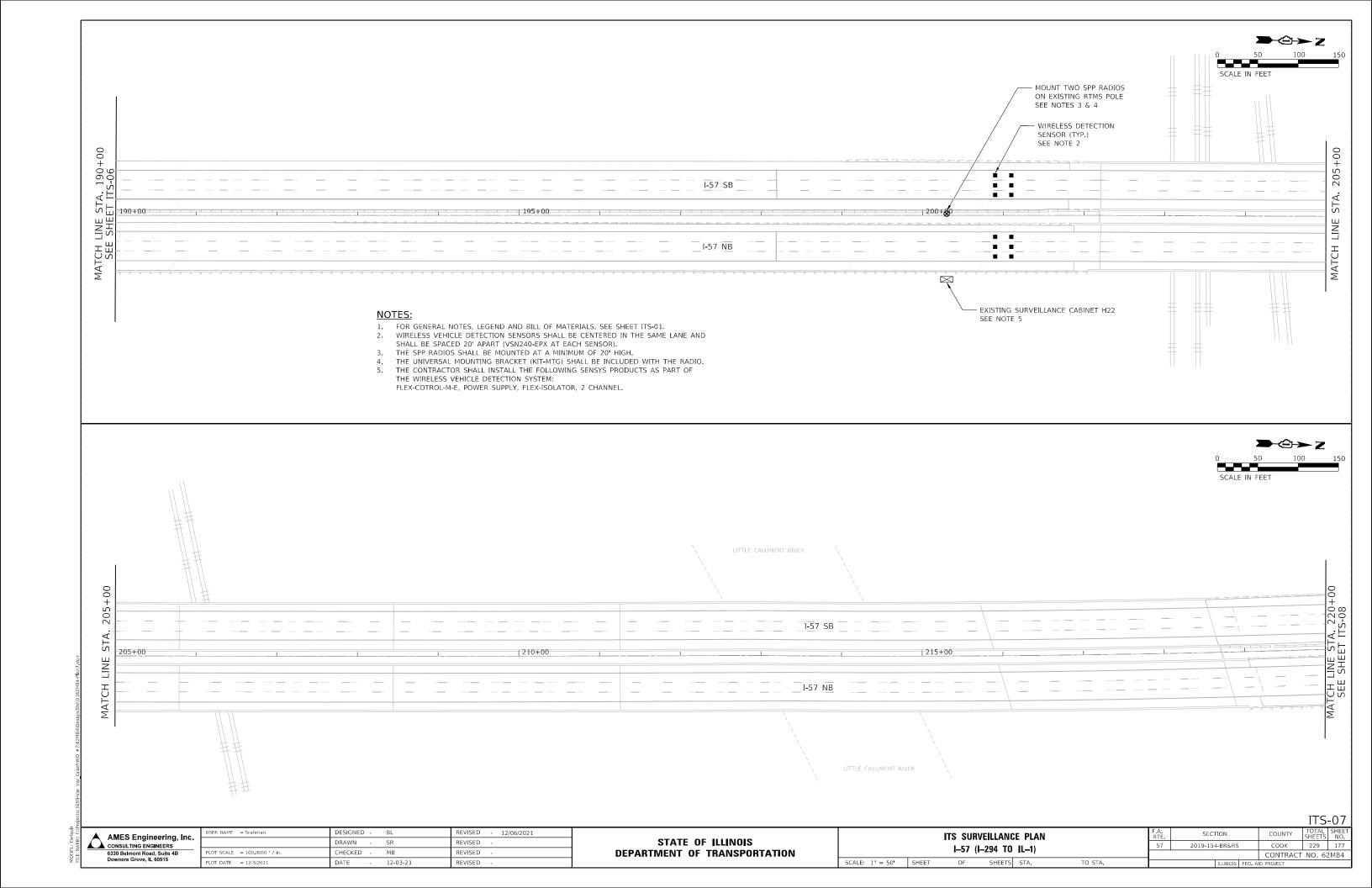


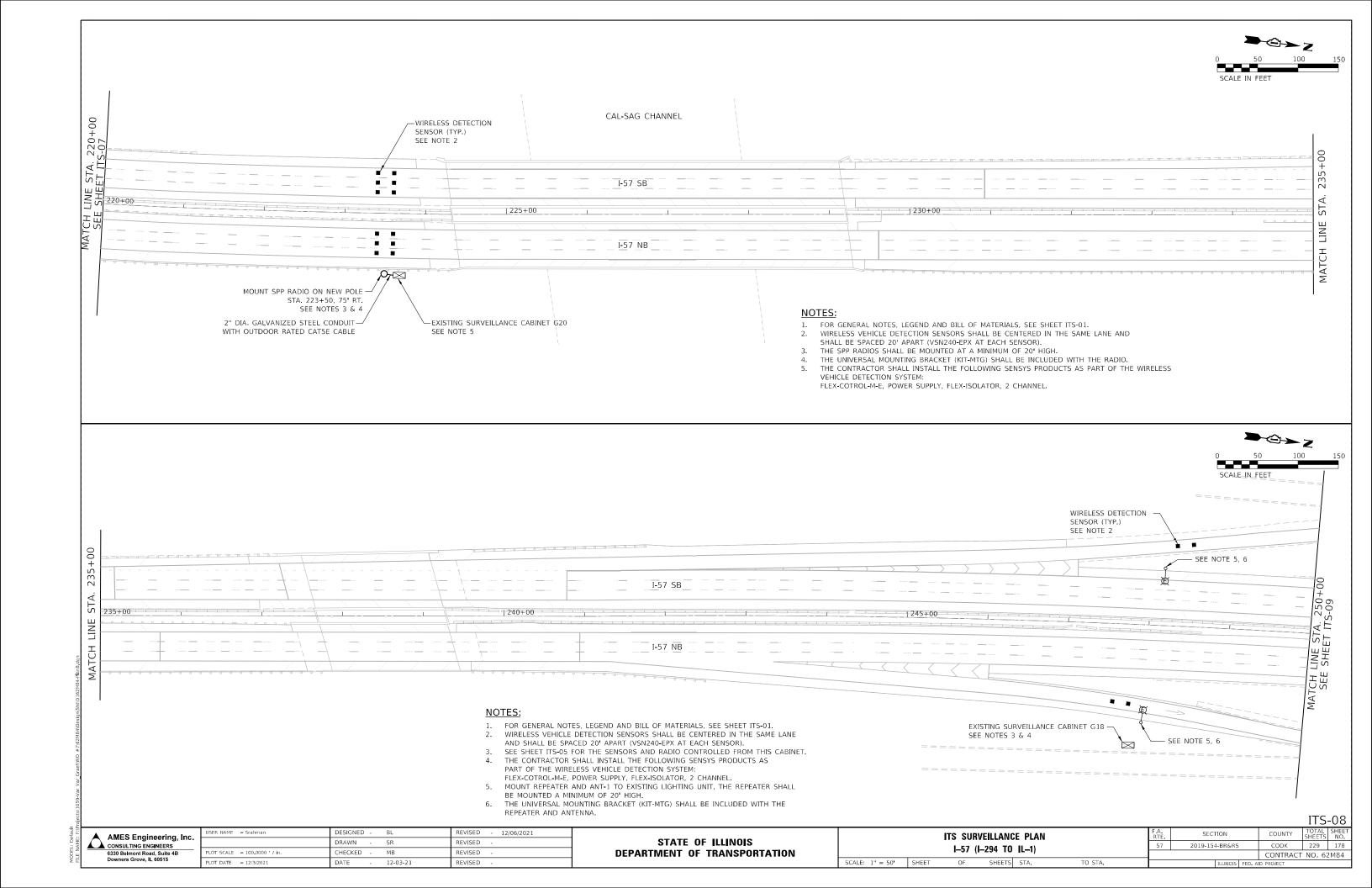


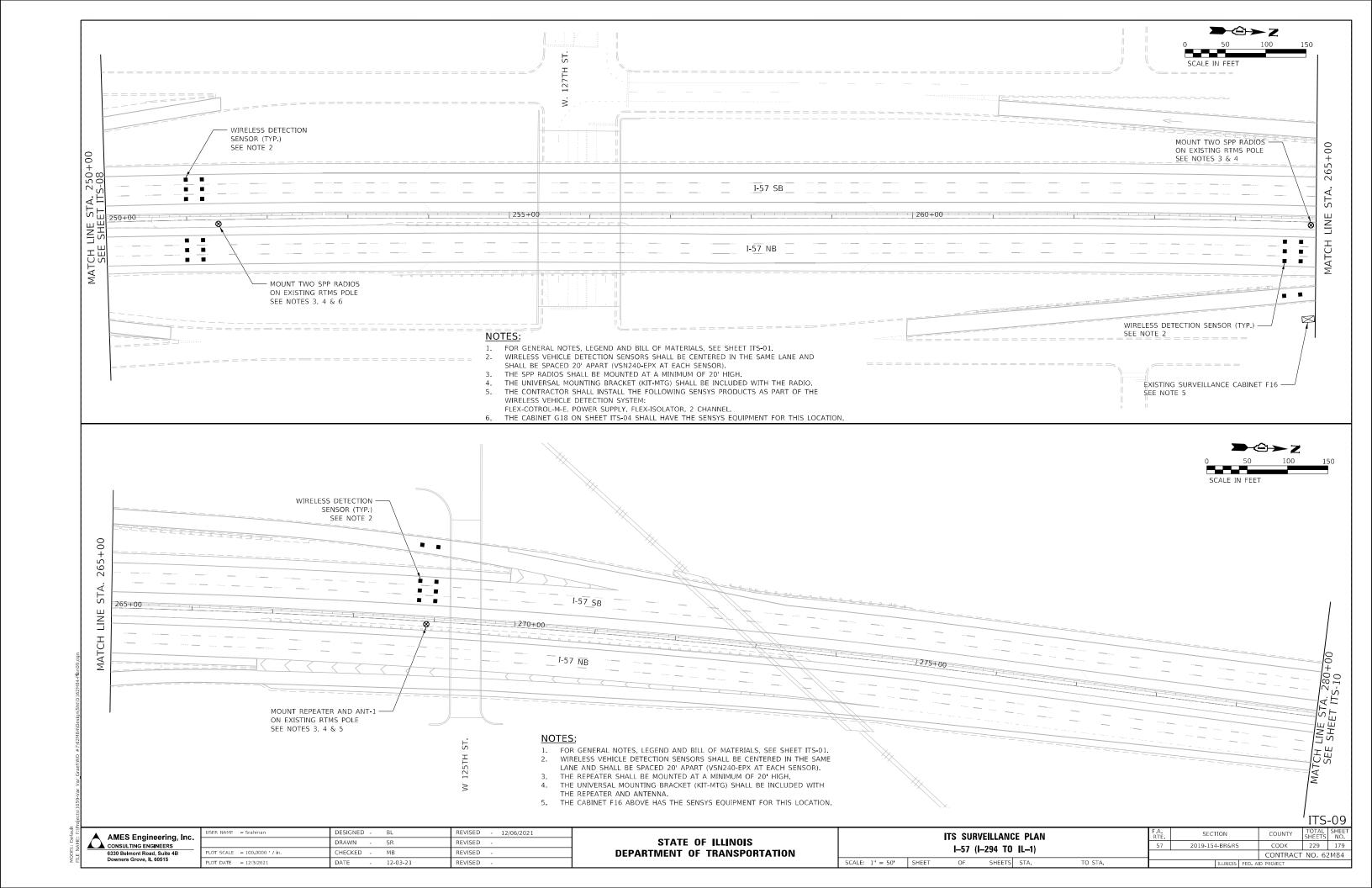


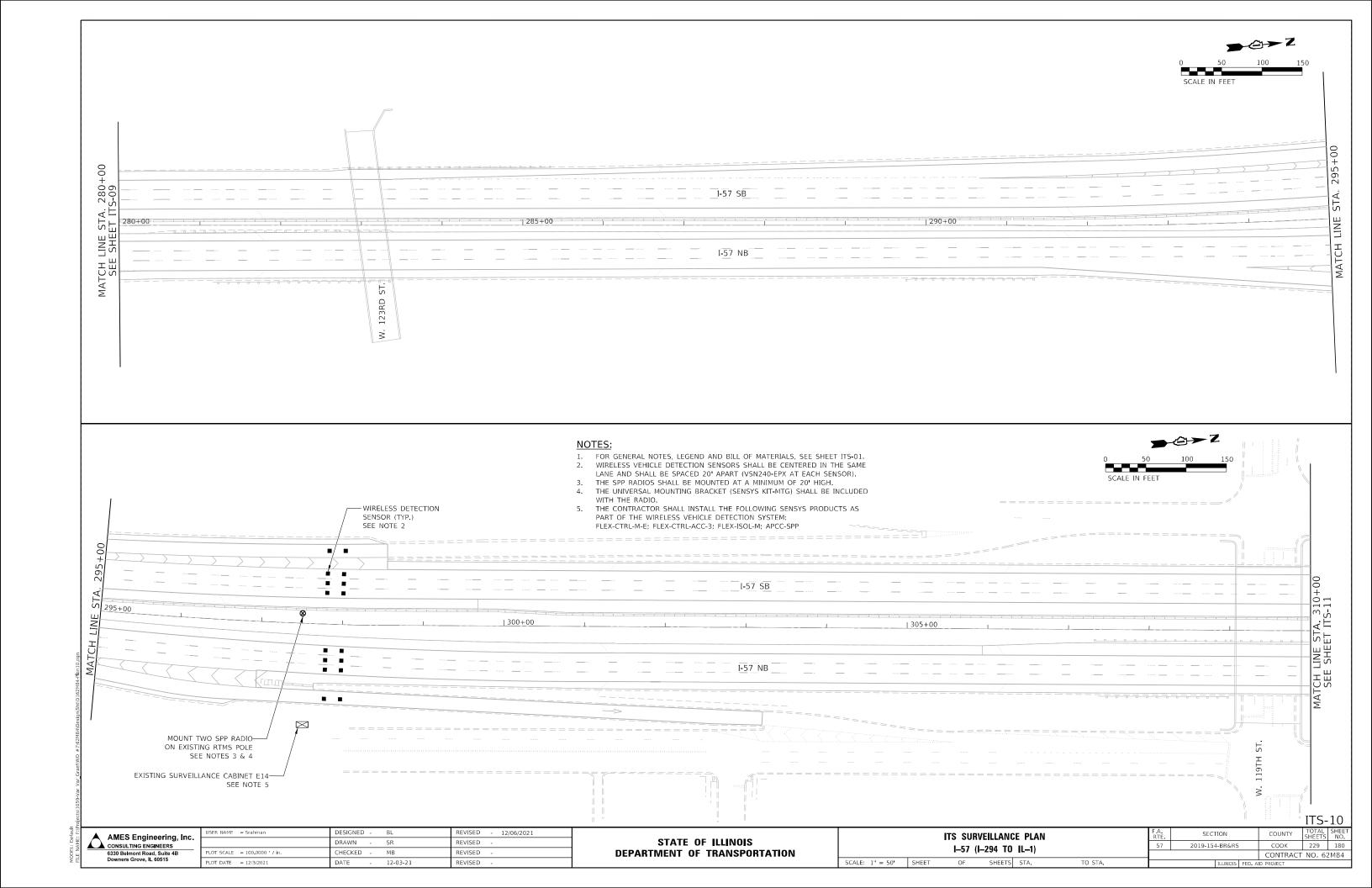


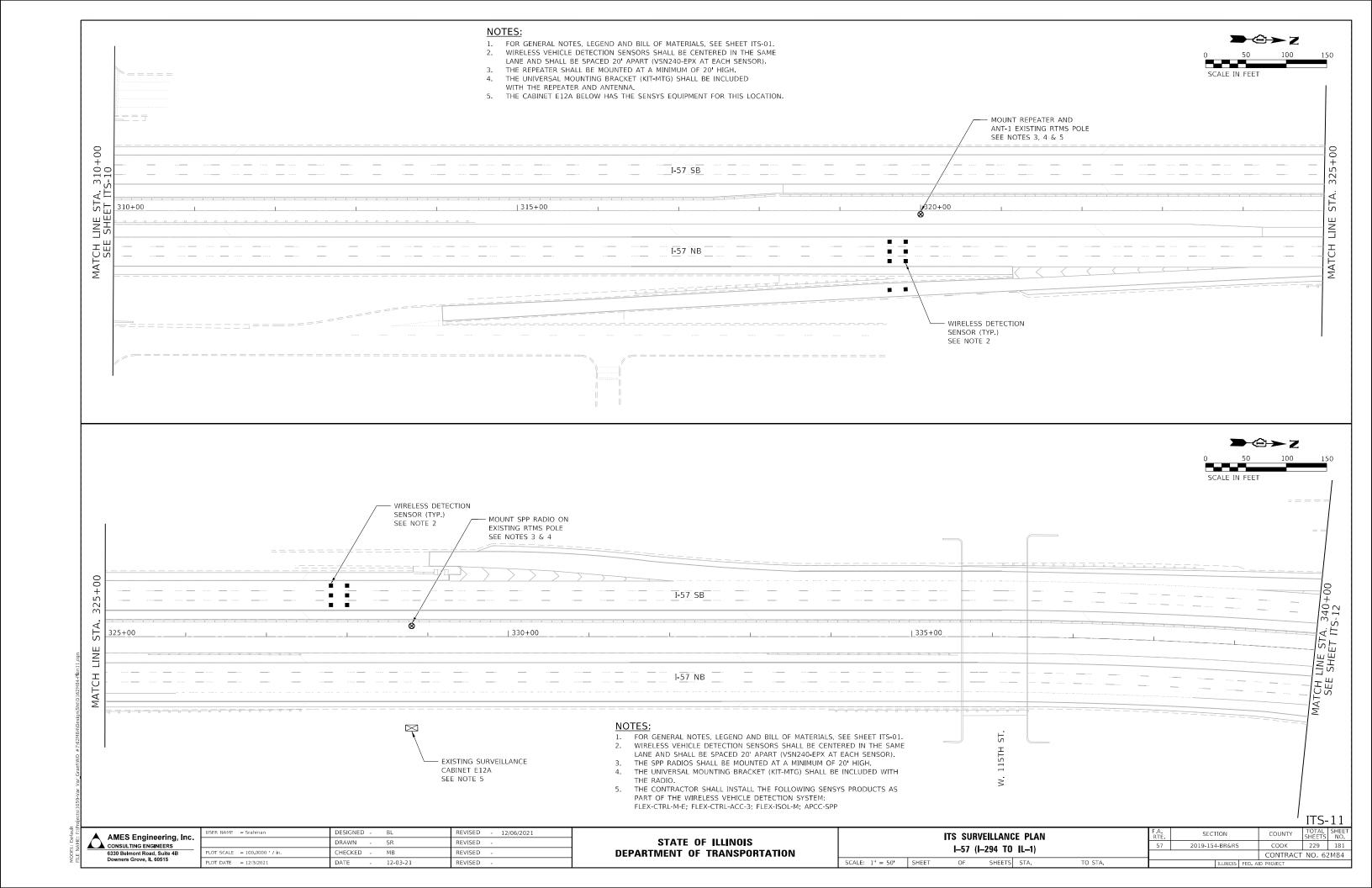


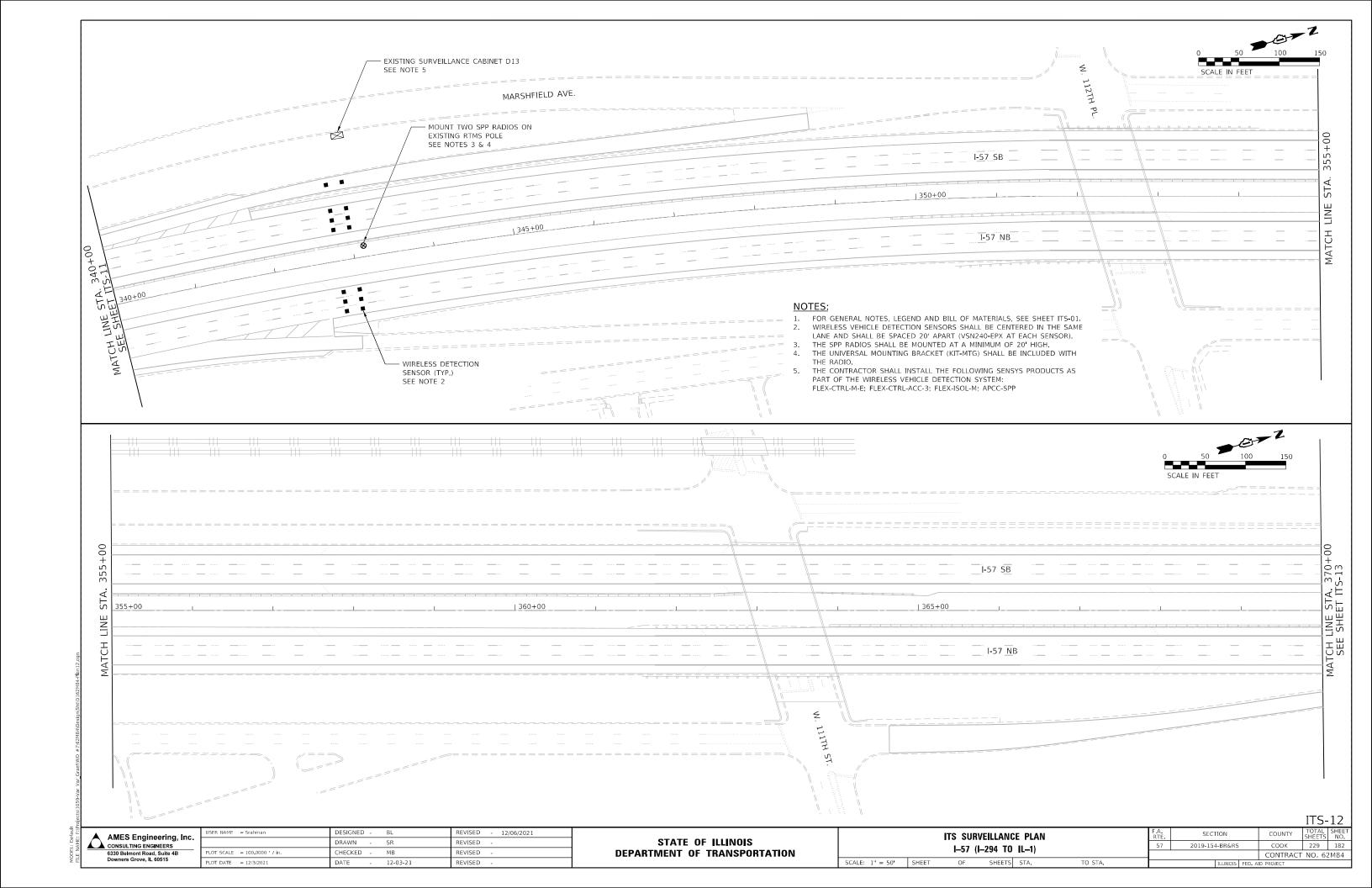


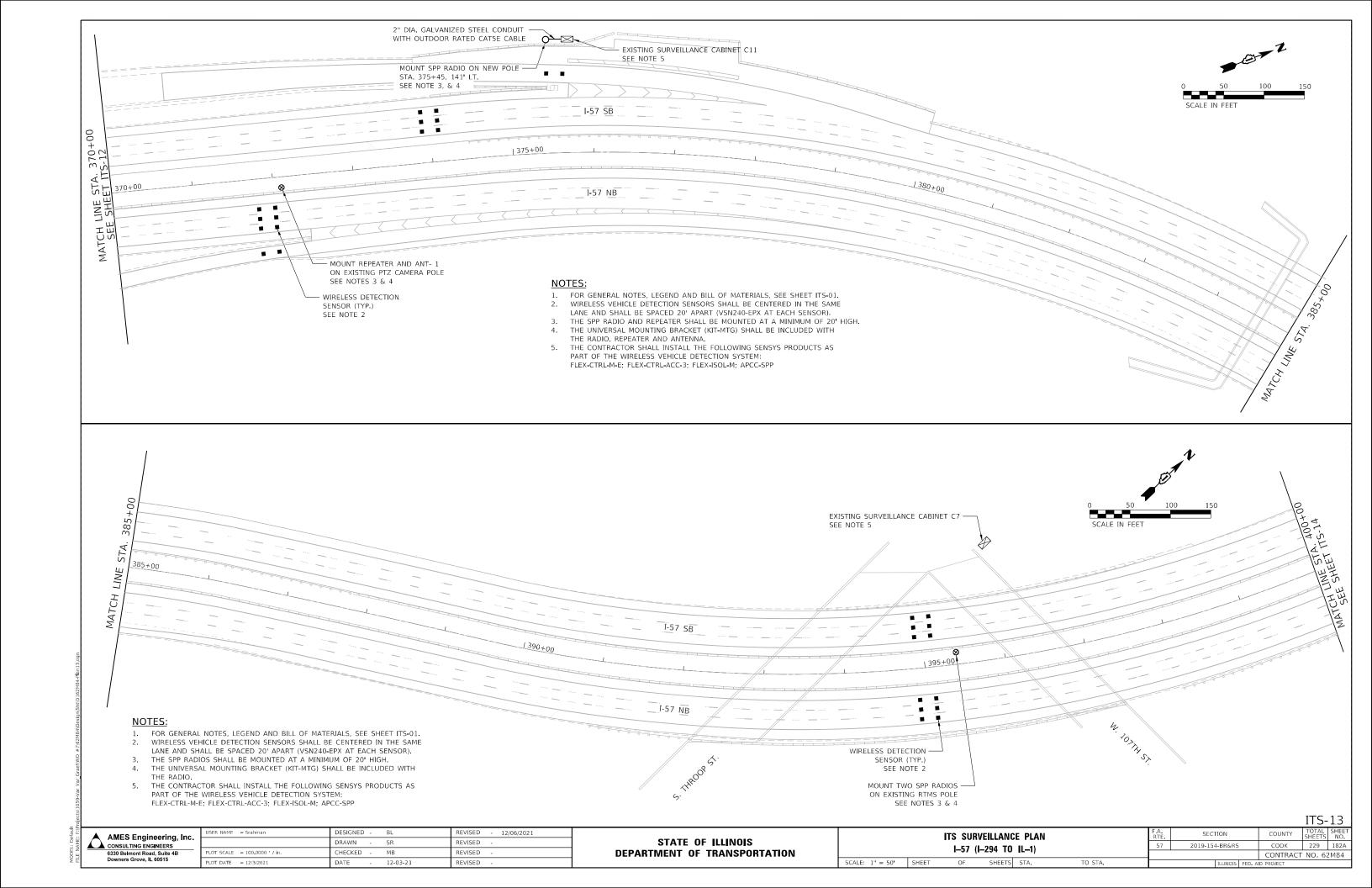


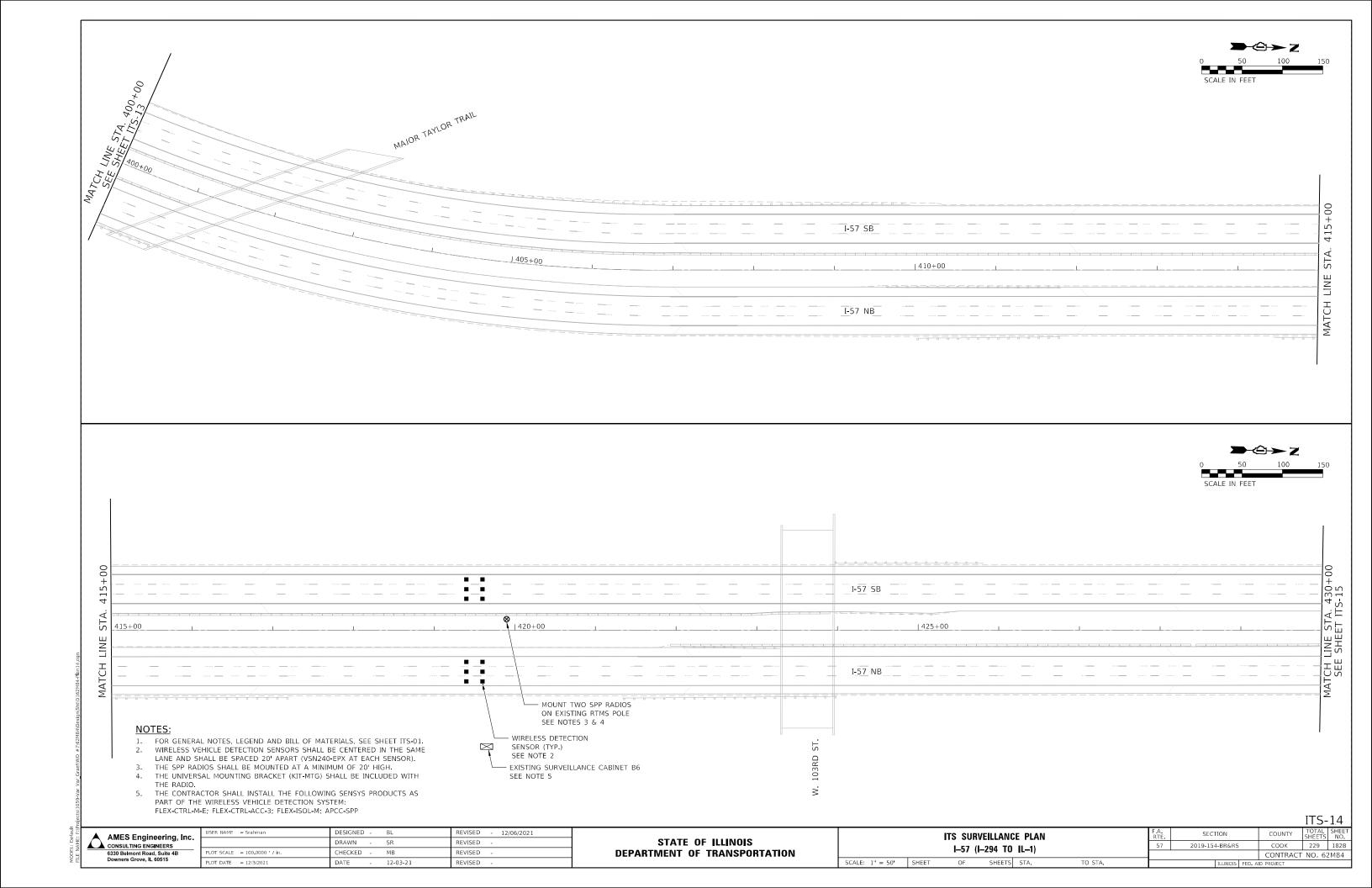


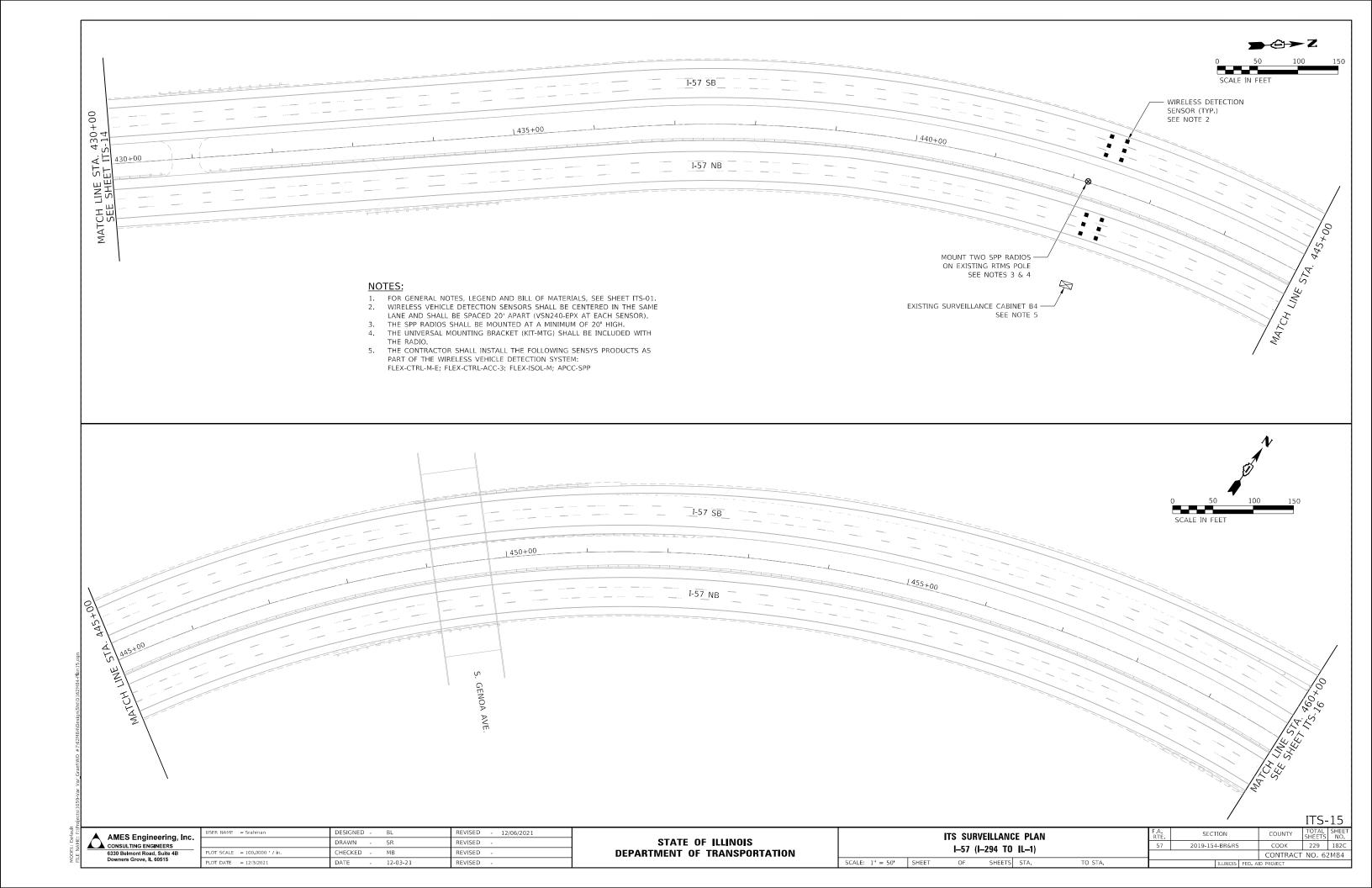


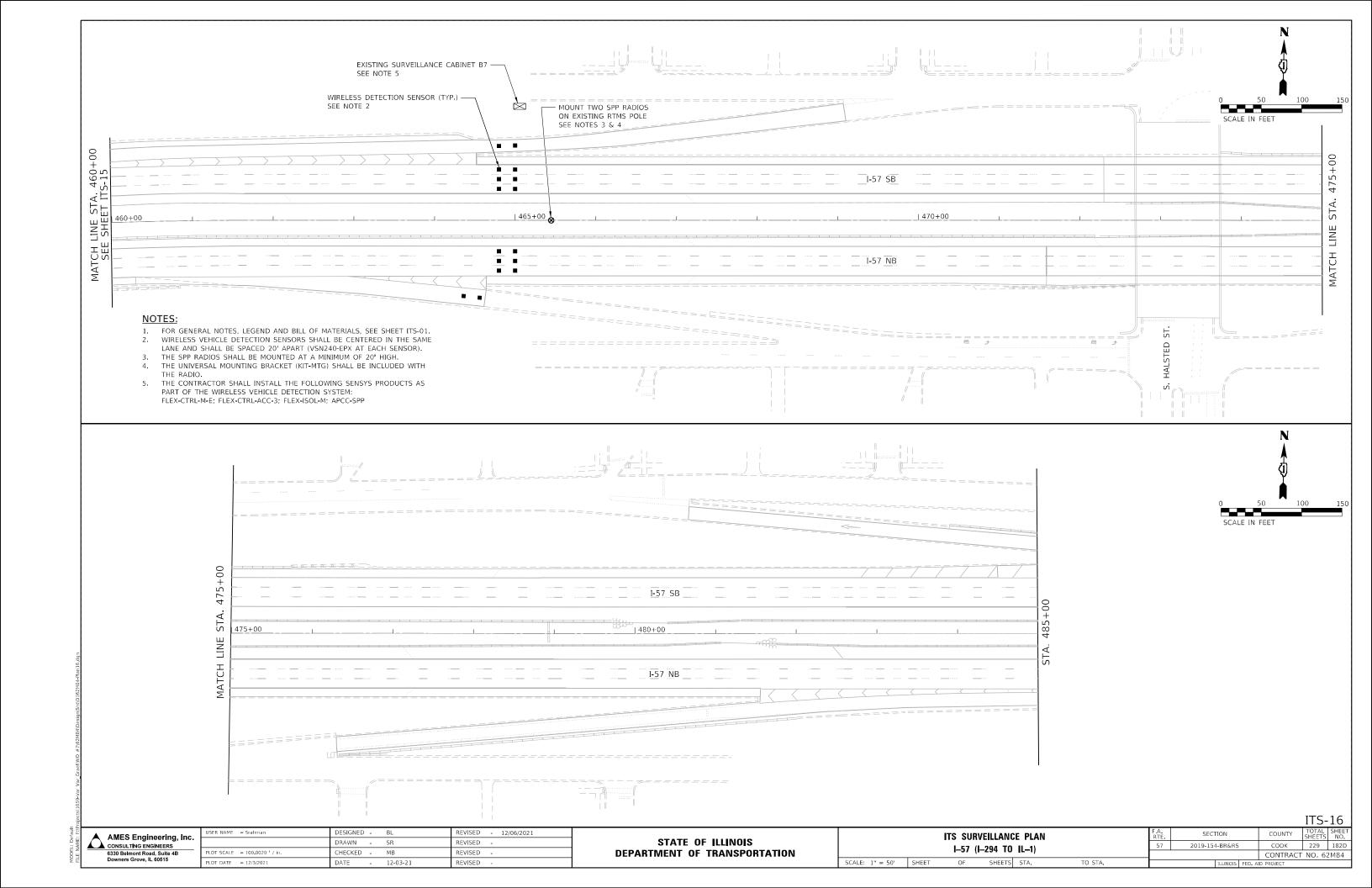


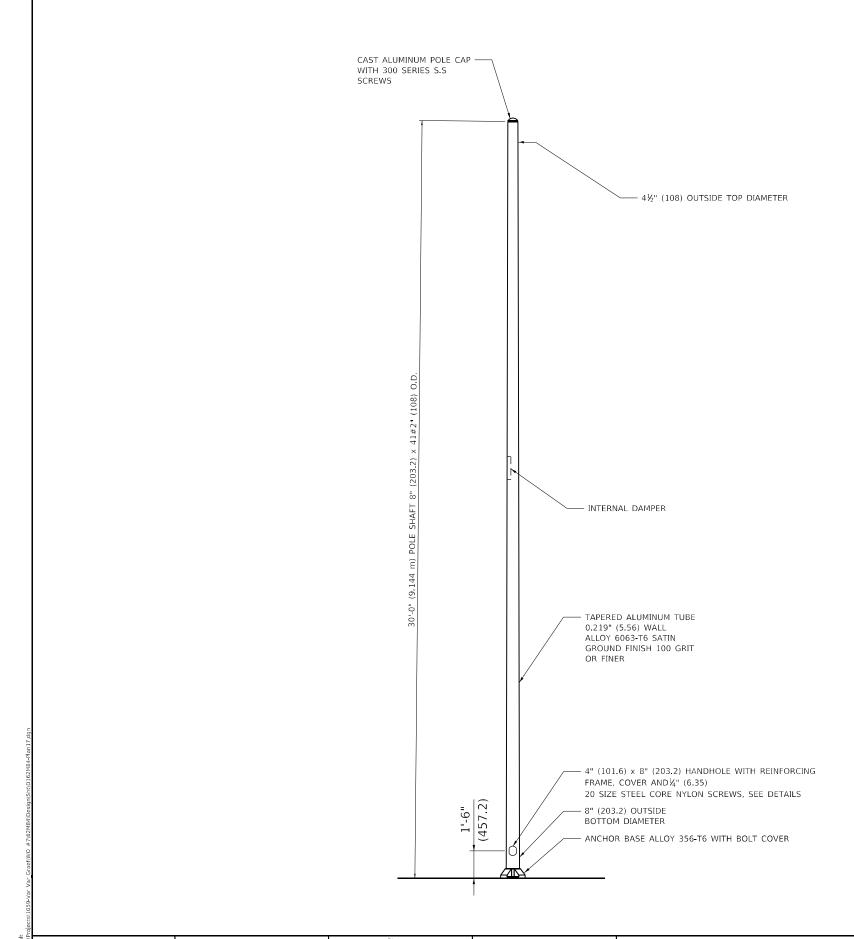












NOTES:

- 1. ALL DIMENSION ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- 2. THE LIGHT POLE WILL MEET AASHTO DESIGN CRITERIA AS SPECIFIED.
- 3. THE INSTALLING CONTRACTOR WILL PROVIDE A UL LISTED GROUNDING CONNECTOR. BURNDY K2C23, T&B SP4DL OR APPROVED EQUAL.
- 4. LIGHT POLES WILL BE SET PLUMB ON THE FOUNDATION WITHOUT THE USE OF LEVELING NUTS, WASHERS OR SHIMS.

ITS-17

AMES Engineering, Inc..
CONSULTING ENGINEERS
6330 Belmont Road, Salte 4B
Downers Grove, IL 60515

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

WIRELESS VEHICLE DETECTOR
POLE DETAILS

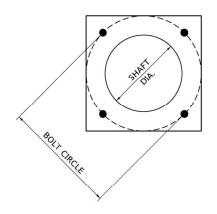
SHEET OF SHEETS STA. TO STA.

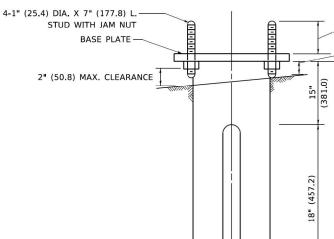
 F.A. RTE.
 SECTION
 COUNTY
 TOTAL SHEETS
 NO.

 57
 2019-154-BR&RS
 WILL
 229
 183

 JOB NO.
 CONTRACT NO.
 62PM84

 IILINOIS FED. AID PROJECT



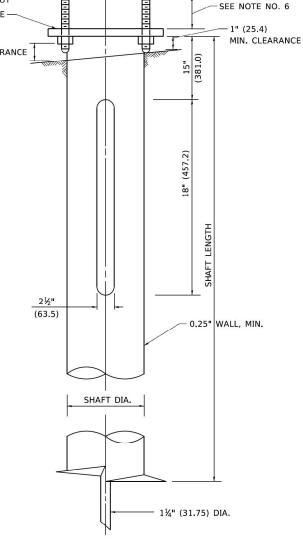


HELIX FOUNDATION SIZE

| POLE MOUNTING HEIGHT | BOLT CIRCLE | SHAFT DIAMETER | SHAFT LENGTH | BASEPLATE |
|-------------------------|----------------|-------------------|-----------------|-------------|
| 30 FT. | 11½" | 8%" | 6 FT. | 12"x12"x1" |
| 31 FT35 FT. | 11½" | 8%" | 6 FT. | 12"x12"x1" |
| 36 FT40FT. | 15" | 8%" | 6 FT. | 15"x15"x1¼" |
| 41 FT45 FT. | 15" | 8%" | 6 FT. | 15"x15"x1¼" |
| 46 FT50 FT. | 15" | 10" | 8 FT. | 15"x15"x1¼" |

METAL HELIX FOUNDATION MATERIALS

| · · · · · · · · · · · · · · · · · · · | <u> </u> |
|---------------------------------------|---|
| ITEM | MATERIAL REQUIREMENT |
| BASEPLATE | AASHTO M 270M, GRADE 36 (M270M, GRADE 250) |
| SHAFT | ASTM A 252, GRADE 2 (PHOSPHOROUS 0.04% MAXIMUM, SULFUR 0.05% MAXIMUM) |
| HELIX SCREW | AASHTO M 183 (ASTM A 635) |
| PILOT POINT | AASHTO M 270 (ASTM A 575) |
| ANCHOR RODS/STUDS | AASHTO M 314 (ASTM F 1554) |
| HEXAGON NUTS | AASHTO M 291M (ASTM A 563) GRADE DH, OR AASHTO M 292 (ASTM A 194) GRADE 2H |
| WASHERS | AASHTO M 293 (ASTM F 436) |
| | |



NOTES

- 1. ALL DIMENSION IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- 2. ALL MATERIAL SHALL BE GALVINIZED ACCORDING TO AASHTO M111, UNLESS OTHERWISE SPECIFIED.
- 3. ALL WELDS SHALL BE CONTINUOUS AND NOT LESS THAN 1#4" (6.35 mm) FILLET WELDS, THE WELDED FOUNDATION SHALL BE CAPABLE OF WITHSTANDING 10,000 FT/LBS (13558.18 n.m) OF INSTALLATION TORQUE APPLIED ABOUT THE AXIS OF THE FOUNDATION.
- 4. THE HELIX FOUNDATION SHAFT SHALL BE INSTALLED VERTICAL AND THE BASE PLATE SHALL BE IN LEVEL. THE BREAKAWAY COUPLINGS AND HARDWARE SHALL NOT BE USED TO ALIGN THE POLE INSTALLATION.
- 5. THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE INSTALLATION OF THE LIGHT POLE.
- 6. THE CONTRACTOR SHALL COORDINATE EXTENSION OF ANCHOR BOLTS ABOVE TOP OF THE BASE PLATE WITH THE BREAKAWAY DEVICE MANUFACTURER'S REQUIREMENTS.
- 7. ANY VOIDS WITHIN THE METAL FOUNDATION SHALL BE FILLED WITH FINE AGGREGATE.
- 8. METAL FOUNDATIONS SHALL BE INSTALLED IN UNDISTURBED SOIL. PREDRILLING A PILOT HOLE AND/OR BACKFILLING AROUND THE FOUNDTION IS NOT ALLOWED.
- 9. THE METAL FOUNDATION SHALL NOT BE INSTALLED TO A TORQUE WHICH EXCEEDS THE MANUFACTURER'S MAXIMUM TORQUE RATING NOR SHALL IT BE INSTALLED TO AN INSTALLATION TORQUE VALUE OF LESS THAN 3,500 FT LB (4,750 KNM). METAL FOUNDATIONS THAT ARE NOT INSTALLED TO FULL INSTALLATION DEPTH OR DO NOT ACHIEVE THE MINIMUM INSTALLATION TORQUE SHALL BE REMOVED AND REPLACED WITH A CONCRETE FOUNDATION AT NO ADDITIONAL COST.
- 10. THE BASEPLATE SHALL BE PERPENDICULAR TO THE SHAFT AXIS (\pm 1 $^{\circ}$) AND THE HOLE CENTERLINE SHALL BE CONCENTRIC (± 0.188) TO THE SHAFT AXIS.
- 11. THE PILOT POINT AND SHAFT AXIS SHALL BE CONCENTRIC (± 0.125) AND IN LINE $(\pm 2^{\circ})$.
- 12. THE BASEPLATE SHALL BE STAMPED WITH THE MANUFACTURERS NAME AND DATE OF MANUFACTURE.

ITS-18

AMES Engineering, Inc. ▲ CONSULTING ENGINEERS 6330 Belmont Road, Suite 4B Downers Grove, IL 60515

| | USER NAME = footemj | DESIGNED - BL | REVISED - 12/06/2021 |
|---|------------------------------|-----------------|----------------------|
| | | DRAWN - SR | REVISED - |
| | PLOT SCALE = 50.0000 ' / in. | CHECKED - MB | REVISED - |
| | PLOT DATE = 4/19/2019 | DATE _ 08-18-21 | REVISED - |
| _ | | | |

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SCALE: NONE

| LIGHT DOLE FOUNDATION METAL | | | | | | | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|------------------------------|---------|----------------------------------|---|---------|----|-----------------|------------|----------|-----------------|--------------|
| LIGHT POLE FOUNDATION, METAL | | | | | 57 | 2019-154-BR&RS | соок | 229 | 184 | |
| | | | т | | | | BE-305 | CONTRACT | NO. 6 | 2M84 |
| | SHEET 1 | SHEET 1 OF 1 SHEETS STA. TO STA. | | TO STA. | | ILLINOIS FED. A | ID PROJECT | | | |

| DISTRIBUTION CABLE | E DESIGNATION | | | | DESTINA | TION | | |
|--------------------|---------------------|----------|--|-------------|---------|----------|-----------|---|
| BUFFER TUBE | | FIBER NO | ASSIGNMENT | BUFFER TUBE | FIBER | | FIBER NO | ASSIGNMENT |
| | Blue 1 | 1 | DARK | | Blue | 1 | 49 | DARK To I-80/I-57 From TSC |
| | Orange 2 | 2 | DARK | | Orange | 2 | | To I-80/I-57 From TSC |
| | Green 3 | 3 | DARK | | | 3 | 51 | 96F I-57 South Panel Port 35 |
| | Brown 4 | 4 | DARK | | | 4 | | 96F I-57 South Panel Port 36 |
| | Slate 5 | 5 | Meridian Chasis 1 Card 3 Camera FS1A - B4 | | Slate | 5 | 53 | DARK To I-80/I-355 From TSC |
| BLUE | White 6 | 6 | Meridian Chasis 1 Card 6 Camera FS2 - B6 | SLATE | White | 6 | | DARK To I-80/I-355 From TSC |
| | Red 7 | 7 | Meridian Chasis 1 Card 7 Camera FS2A - C7 | | Red | 7 | 55 | DARK To I-80/I-57 From Com Center |
| | Black 8 | 8 | Meridian Chasis 1 Card 8 Camera FS3 - C8 | | Black | 8 | AC140.400 | DARK To I-80/I-57 From Com Center |
| | Yellow 9 | 9 | Meridian Chasis 1 Card 9 Camera FS3A - D13 | | Yellow | 9 | 57 | DARK To I-80/I-355 From Com Center |
| | Violet 10 | 10 | Meridian Chasis 2 Card 1 Camera FS3B - DMS29 | | Violet | | | DARK To I-80/I-355 From Com Center |
| | Rose 11 | 11 | DARK | | | 11 | 200-000 | DARK To I-80 State line from Com Center |
| | Aqua 12 | 12 | Meridian Chasis 2 Card 2 Camera FS4 - E14 | | | 12 | 2000 | DARK To I-80 State line from Com Center |
| | Blue 1 | 13 | Meridian Chasis 2 Card 3 Camera FS5 - F16 | | Blue | 1 | 61 | Spliced to 96F I-80 West Dist Port 61 |
| | Orange 2 | 14 | Meridian Chasis 2 Card 4 Camera FS5A - G18 | | Orange | | 62 | Spliced to 96F I-80 West Dist Port 61 |
| | Green 3 | 15 | Meridian Chasis 2 Card 5 Camera FS5B - G20 | | | 3 | | Spliced to 96F I-80 West Dist Port 61 |
| | Brown 4 | 16 | Meridian Chasis 2 Card 6 Camera FS6 - H22 | | 100.00 | 4 | 64 | Spliced to 96F I-80 West Dist Port 61 |
| | Slate 5 | 17 | Meridian Chasis 2 Card 7 Camera FS6A - H21 | | Slate | 5 | 65 | Spliced to 96F I-80 West Dist Port 61 |
| ORANGE | White 6 | 18 | Meridian Chasis 2 Card 8 Camera FS7 - 126 | WHITE | White | 6 | 66 | Spliced to 96F I-80 West Dist Port 61 |
| OTOTIVOL | Red 7 | 19 | Meridian Chasis 2 Card 9 Camera FS7A - 123 | Willia | Red | 7 | 67 | Spliced to 96F I-80 West Dist Port 61 |
| | Black 8 | 20 | Meridian Chasis 3 Card 1 Camera FS8 - J28 | | Black | 8 | 68 | Spliced to 96F I-80 West Dist Port 61 |
| | Yellow 9 | 21 | Meridian Chasis 3 Card 2 Camera FS8A - J25 | | Yellow | | 69 | Spliced to 96F I-80 West Dist Port 61 |
| | Violet 10 | 22 | Meridian Chasis 3 Card 3 Camera FS8B - J32 | | Violet | | 70 | Spliced to 96F I-80 West Dist Port 61 |
| | Rose 11 | 23 | Meridian Chasis 3 Card 4 Camera FS9 - K27 | | | 11 | | Spliced to 96F I-80 West Dist Port 61 |
| | Aqua 12 | 24 | Meridian Chasis 3 Card 4 Camera FS9A - K29 | | | 12 | 72 | Spliced to 96F I-80 West Dist Port 61 |
| | Blue 1 | 25 | Meridian Chasis 3 Card 5 Camera FS10 - L33 | | Blue | 1 | 0.0000000 | DARK |
| | | 26 | Meridian Chasis 3 Card 6 Camera FS104 - L33 | | _ | | | DARK |
| | Orange 2 Green 3 | 27 | Meridian Chasis 3 Card 7 Camera FS10A - LS5 | | Orange | 3 | | SONNET ONS Card 4 TX |
| | Brown 4 | 28 | Meridian Chasis 3 Card 8 Camera FS11 - LS5 | | | 4 | 76 | SONNET ONS Card 4 TX |
| | | | | | | | 77 | |
| CDEEN | Slate 5 | 29 | Meridian Chasis 4 Card C Camera FS12 - N43 | DED | Slate | 5 | | Cisco 4506-2 Port 4 TX |
| GREEN | White 6 | 30 | Meridian Chasis 4 Card 6 Camera FS12A - T45 | RED | White | 6 | 78 | Cisco 4506-2 Port 4 RX |
| | Red 7 | 31 | Meridian Chasis 4 Card 3 Camera FS12B - T47 | | Red | 7 | | DARK |
| | Black 8 | 32 | DARK | | Black | 8 | | DARK |
| | Yellow 9 | 33 | Meridain SA-1002 CCTV FS10B 163rd DMS | | Yellow | | | DARK |
| | Violet 10 | 34 | DARK | | Violet | 2. 10000 | | DARK |
| | Rose 11 | | DARK | | | 11 | | GarrettCom Port 1 TX |
| | Aqua 12 | 36 | DARK | | | 12 | | GarrettCom Port 1 RX |
| | Blue 1 | 37 | Siemens Ruggedcom RMC40 DMS44 -FS10B | | Blue | 1 | | DARK To I-80 State line From TSC |
| | Orange 2 | 38 | Siemens Ruggedcom RMC40 DMS44 -FS10B | | Orange | | | DARK To I-80 State line From TSC |
| | Green 3 | 39 | DARK | | Green | 3 | + | DARK |
| | Brown 4 | 40 | DARK | | | 4 | | DARK |
| | Slate 5 | 41 | DARK | | Slate | 5 | + | DARK |
| BROWN | White 6 | 42 | DARK | BLACK | White | 6 | | DARK |
| | Red 7 | 43 | DARK | | Red | 7 | | DARK |
| | Black 8 | 44 | DARK | | Black | 8 | | DARK |
| | Yellow 9 | 45 | DARK | | | 9 | 93 | SONNET ONS Card 13 TX State line ONS From I-57/I-80 |
| | Violet 10 | 46 | DARK | | Violet | | | SONNET ONS Card 13 RX State line ONS From I-57/I-80 |
| | Rose 11 | 47 | DARK | | _ | 11 | 95 | DARK To I-80 State line From TSC via I-294 |
| | Aqua 12 | 48 | DARK | | Aqua | 12 | 96 | DARK To I-80 State line From TSC via I-294 |

ITS-19

| AMES Engineering, Inc. |
|--|
| 6330 Belmont Road, Suite 4B Downers Grove, IL 60515 |
| |

| | USER NAME = Srahman | DESIGNED | - | BL | REVISED | - | 12/06/2021 |
|---|--------------------------|----------|---|----------|---------|---|------------|
| • | | DRAWN | - | SR | REVISED | - | |
| - | PLOT SCALE = 2.0000 / in | CHECKED | - | МВ | REVISED | - | |
| | PLOT DATE = 12/3/2021 | DATE | - | 08-18-21 | REVISED | - | |
| | | | | | | | |

| | | 72000300 | 72400330 | X0325265 | X0327303 | 73800900 | X8140234 |
|---------------------|---|---------------|-------------------------|----------------------------|---|--|------------------------------|
| | | SIGN PANEL T3 | REMOVE SIGN PANEL T3 | REMOVE ELECTRIC SERVICE | REMOVE EXISTING LIGHT UNIT WITH NO SALVAGE | REMOVE OVERHEAD SIGN STRUCTURE WALKWAY | REPLACE HANDHOLE COVER |
| Sign Number | Sign Location | SQ FT | SQ FT | EACH | EACH | FOOT | EACH |
| 1C016I057L356.5-000 | SB I-57 1 mile n/o exit 355, 111th St | 93.5 | 80 | 1 | 1 | 16 | |
| 1S016I057L356.0-000 | SB I-57 1/2 mile n/o 111th St | 187 | 168 | 1 | 4 | 47 | 1 |
| 1C016I057L355.5-000 | SB I-57 at exit to 111th St | 91 | 111 | 1 | 2 | 19.5 | |
| 1B016I057L355.3-000 | SB I-57 1/2 mile n/o 119th St | 280.5 | 275 | 1 | 5 | 39.5 | |
| 1B016I057L354.8-000 | SB I-57 at exit to 119th St | 94.25 | 94.5 | 1 | 2 | 16.5 | |
| 1C016I057L353.6-000 | SB I-57 at exit to 127th St | 178.5 | 157.25 | 1 | 3 | 21 | |
| 1C016I057L351.8-000 | SB I-57 1 1/2 mile n/o 147th St | 210 | 210 | 1 | 2 | 17 | |
| 1S016I057R357.1-000 | NB I-57 at exit to Halsted | 321.25 | 382 | 1 | 6 | 46 | |
| 1G016I057L347.3-001 | SB I-57 1/4 mile s/o Pulaski Rd | 156 | 156 | | | | |
| 1G016I057L347.3-000 | SB I-57 1/4 mile s/o Pulaski Rd | 140 | 140 | | | | |
| 1G016I057L347.6-000 | SB I-57 at Pulaski Rd Bridge | 270 | 270 | | | | |
| 1G016I057RXXX.X-XX | NB I-57 at 127th St exit ramp | 142.5 | 142.5 | | | | |
| 1G016I057L353.6-001 | SB I-57 127th St exit ramp | 142.5 | 142.5 | | | | |
| 1G016I057L353.6-000 | SB I-57 1/4 mile n/o Exit 353 | 270 | 270 | | | | |
| 1G016I057R351.0-000 | NB 2 mile s/o 127th St | 270 | 270 | | | | |
| 1G016I057R345.4-000 | NB I-57 2/3 mile s/o IL-50 (Cicero Ave) | 270 | 270 | | | | |
| 1G016I057R345.7-000 | NB I-57 1/2 mile s/o IL-50 (Cicero Ave) | 140 | 140 | | | | |
| 1G016I057R345.8-000 | NB I-57 1/3 mile s/o 167th St exit ramp | 156 | 156 | | | | |
| 1G016I057R347.3-000 | NB I-57 1/4 mile s/o 159th St exit ramp | 143.75 | 143.75 | | | | |
| 1C016I057R356.6-000 | NB I-57 1/2 mile s/o Halsted | 168.75 | 156 | 1 | 2 | 16.5 | |
| 1S016I057R356.2-000 | NB I-57 1 mile s/o Halsted | 306.25 | 346 | 1 | 5 | 45 | |
| 1B016I057R354.7-000 | NB I-57 at exit to 111th St | 174.25 | 148.5 | 1 | 3 | 16.5 | |
| 1B016I057R354.2-000 | NB I-57 1/2 mile s/o 111th | 355.75 | 325.5 | 1 | 5 | 37 | |
| 1C016I057R353.9-000 | NB I-57 at exit to 119th St | 250 | 98 | 1 | 2 | 16.5 | |
| 1B016I057R353.5-000 | NB I-57 1/2 mile south of 119th St | 280.5 | 288.75 | 1 | 4 | 40 | |
| 1C016I057R353.0-000 | NB I-57 at exit to 127th St | 174.25 | 165.75 | 1 | 3 | 23 | |
| 1S016I057R352.5-000 | NB I-57 1/2 mile south of 127th St | 316.25 | 316.25 | 1 | 4 | 44 | |
| 1C016I057R352.0-000 | NB I-57 1 mile south of 127th St | 170 | 170 | 1 | 3 | 18.5 | |

SCALE:

| | SIGN | SCHEDU | JLE | | F.A. RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
|------------------------------|------|--------|-----|--|---------------------------|---------------|--------|-----------------|--------------|------|
| I–57 | | | | | | 2020-212-RS&T | | COOK | 186 | |
| | | 1-37 | | | JOB | NO. | | CONTRAC | Γ NO. 62 | 2M84 |
| SHEET OF SHEETS STA. TO STA. | | | | | ILLINOIS FED. AID PROJECT | | | | | |

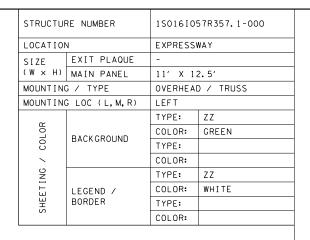
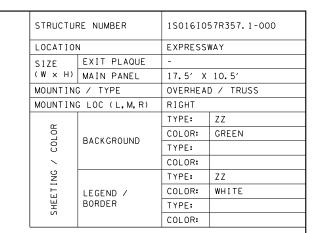




Table of widths and spaces

| 48.00 | ₹ | 40 0 | 0 | | | | | | | | | | | |
|-------|----------|------|--------|------|-------|------|-------|------|-------|--------|-------|------|-------|-------|
| 40.00 | 30.00 | 40.0 | U | | | | | | | | | | | |
| | С | | h | | i | | c | | а | | g | | 0 | |
| 16.75 | 12.88 | 4.50 | 10.63 | 6.38 | 3.13 | 5.00 | 10.63 | 3.50 | 10.5 | 0 5.00 | 10.50 | 5.00 | 10.88 | 16.75 |
| | 1 | | n | | d | | i | | a | | n | | a | |
| 19.88 | 3.13 | 5.50 | 10.50 | 5.00 | 10.50 | 6.50 | 3.13 | 5.00 | 10.50 | 6.50 | 10.50 | 5.00 | 10.50 | 19.88 |
| | 3/4 | | М | | li I | | L | | E | | | | | |
| 30.13 | 23 38 | 15.0 | 0 9 38 | 2 75 | 2 00 | 2 75 | 7 50 | 1 50 | 7 50 | 30.13 | | | | |



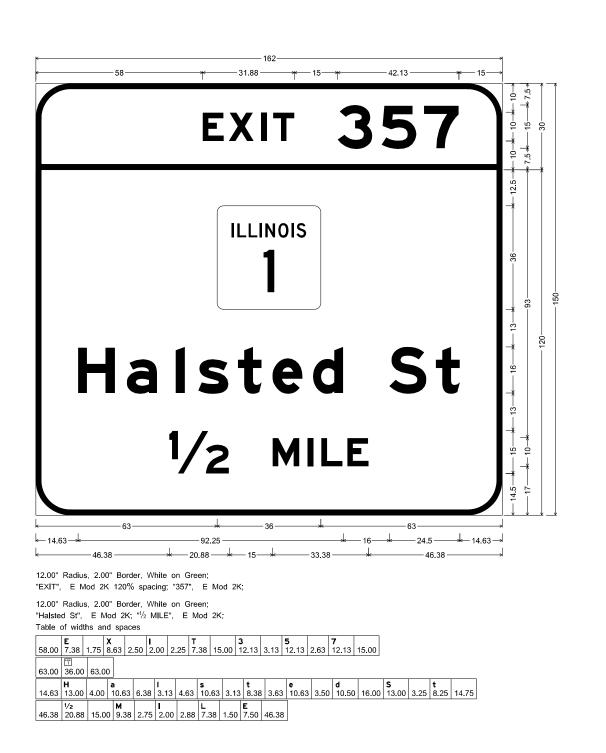


ORAWN -KK REVISED REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

57.75 36.00 71.75 Z7.63 16.88

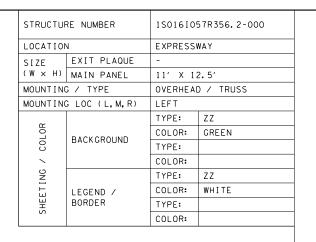
SIGN PANEL DESIGN 2020-212-RS&T соок 229 187 CONTRACT NO. 62M84 OF SHEETS STA.



| STRUCTUE | RE NUMBER | 10016105 | 57R356.6-000 | | | |
|----------|-----------------|-----------------------|--------------|--|--|--|
| LOCATION | ١ | EXPRESSWAY | | | | |
| SIZE | EXIT PLAQUE | - | | | | |
| (W × H) | MAIN PANEL | 13.5' X 12.5' | | | | |
| | 7 TYPE | OVERHEAD / CANTILEVER | | | | |
| MOUNTING | G LOC (L, M, R) | | | | | |
| ~ | | TYPE: | ZZ | | | |
| COLOR | BACKGROUND | COLOR: | GREEN | | | |
| 00 | BACKGROUND | TYPE: | | | | |
| \ | | COLOR: | | | | |
| NG | | TYPE: | ZZ | | | |
| ET 1 | LEGEND / | COLOR: | WHITE | | | |
| SHEETING | BORDER | TYPE: | | | | |
| 01 | | COLOR: | | | | |

MODEL: Default

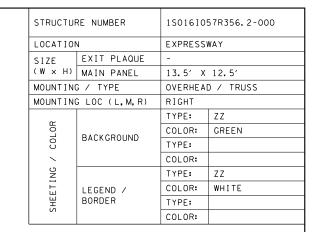
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

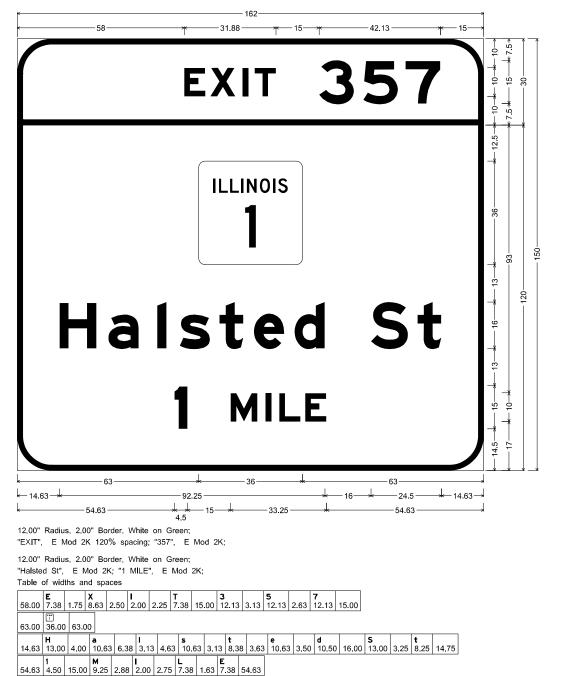




12.00" Radius, 2.00" Border, White on Green; "Chicago", E Mod 2K; "Indiana", E Mod 2K; "134 MILES", E Mod 2K; Table of widths and spaces

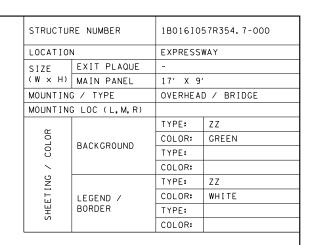
| 48.00 | 36.00 | 48.0 | _ | | | | | | | | | | | | |
|-------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|---------|--------|------|-------|
| 40.00 | 30.00 | 40.0 | U | | | | | | | | | | | | |
| | С | | h | | i | | c | | a | | g | | 0 | | |
| 16.75 | 12.88 | 4.50 | 10.63 | 6.38 | 3.13 | 5.00 | 10.63 | 3.50 | 10.50 | 5.00 | 10.5 | 50 5. | 00 1 | 0.88 | 16.75 |
| | 1 | | n | | d | | i | | a | | n | | а | | |
| 19.88 | 3.13 | 5.50 | 10.50 | 5.00 | 10.50 | 6.50 | 3.13 | 5.00 | 10.50 | 6.50 | 10.50 | 5.0 | 0 10 | .50 | 19.88 |
| | | | | | | | | | | | | | | | |
| 20.75 | 1 | | 3/4 | | М | | ı | | L | | E | | S | | |

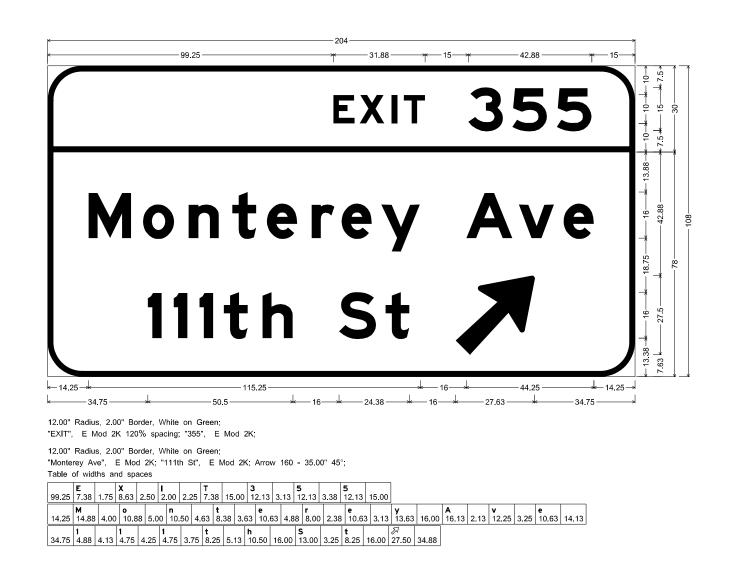




STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET



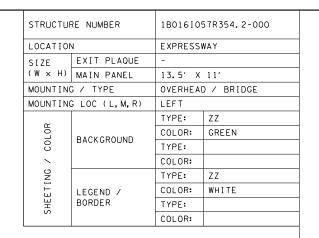


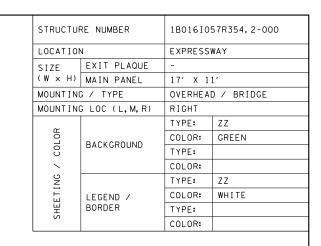
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|----------------------------|----------|---|------------|-----------|--|
| | DRAWN | - | KK | REVISED - | |
| PLOT SCALE = 40.0000 / in. | CHECKED | - | LP | REVISED - | |
| PLOT DATE = 6/10/2021 | DATE | - | 06/20/2021 | REVISED - | |
| | | | | | |

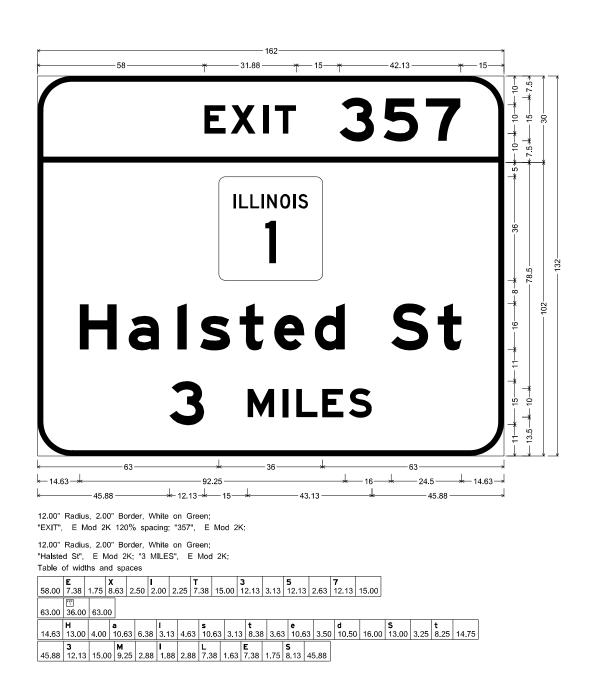
SHEET

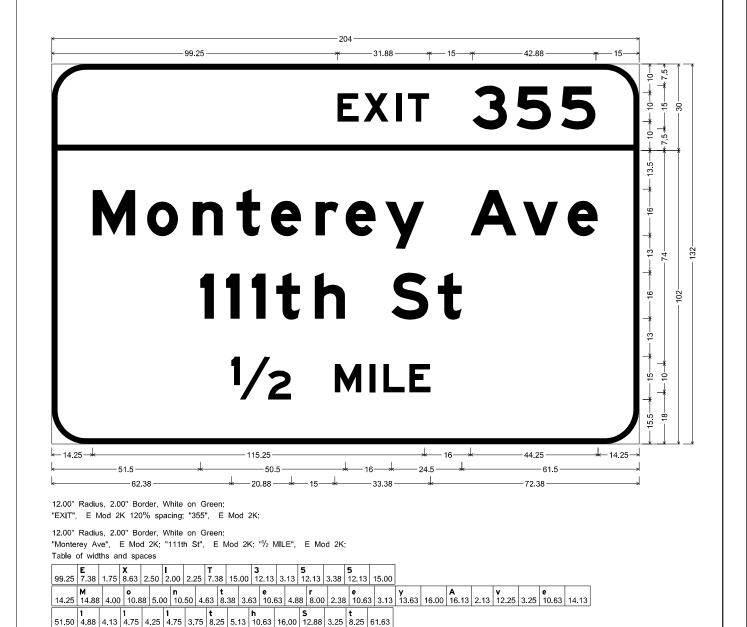
| 01011 | | | | F.A. RTE. | SECTION | | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------|----------|------|---------|--------------|---------------|--------|------------|-----------------|--------------|
| SIGN | PANEL DE | SIGN | | | 2020-212-RS&T | | COOK | 229 | 190 |
| | | | | | | | CONTRACT | NO. 62 | 2M84 |
| OF | SHEETS | STA. | TO STA. | | ILLINOIS | FED. A | ID PROJECT | | |

MODEL: Default FILE NAME: S:\WP\Design\KK\Signs Design\Contrac









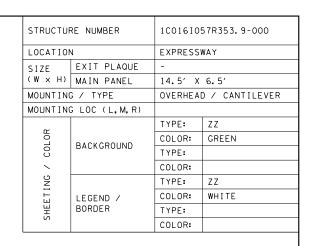
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| 1/2 | M | I | L | E | | E | | 62.38 | 20.88 | 15.00 | 9.38 | 2.75 | 2.00 | 2.88 | 7.38 | 1.63 | 7.38 | 72.38 |

SHEET

| 01011 | | | | F.A. RTE | SECTION | | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------|---------|-------|---------|-------------|---------------|-------|-----------|-----------------|--------------|
| SIGN | PANEL D | ESIGN | | | 2020-212-RS&T | | COOK | 229 | 191 |
| | | | | | | | CONTRACT | NO. 62 | 2M84 |
| OF | SHEETS | STA | TO STA. | | TILLIMOIS | EED A | D DDOIECT | | |

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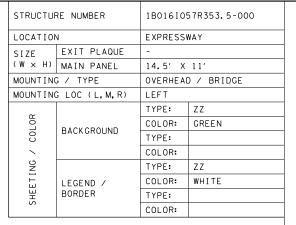


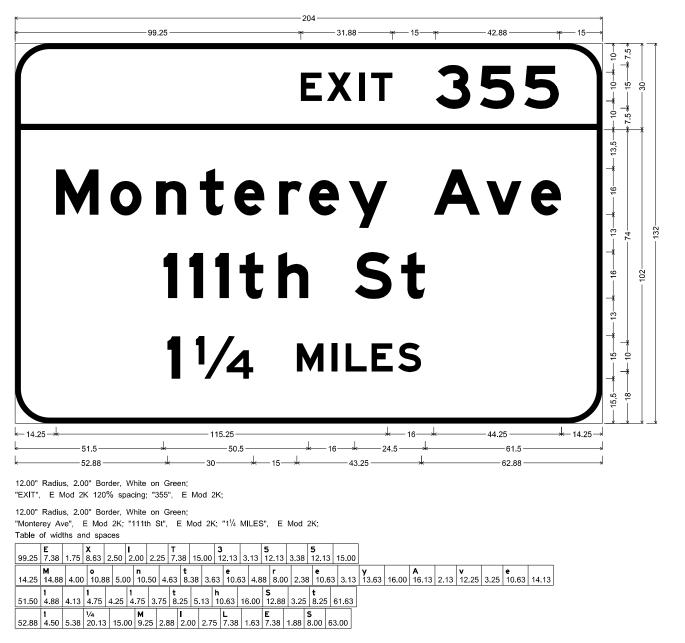
| USER NAME = kobylkaka | DESIGNED | - | KK | REVISED - | |
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| | DRAWN | - | KK | REVISED - | |
| PLOT SCALE = 40.0000 / in. | CHECKED | - | LP | REVISED - | |
| PLOT DATE = 6/10/2021 | DATE | - | 06/20/2021 | REVISED - | |

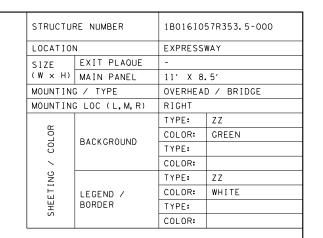
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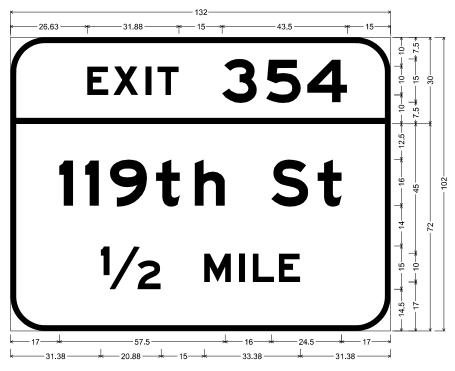
| | | | | | F.A. RTE | SECTION | | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------|------|----------|-------|---------|-------------|---------------|-----------|------------|-----------------|--------------|
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| | | | | | | | | CONTRACT | NO. 62 | 2M84 |
| SHEET | OF | SHEETS | STA. | TO STA. | | ILLINO | IS FED. A | ID PROJECT | | |

MODEL: Default









12.00" Radius, 2.00" Border, White on Green; "EXIT", E Mod 2K 120% spacing; "354", E Mod 2K;

12.00" Radius, 2.00" Border, White on Green; "119th St", E Mod 2K; " $^{1}\!\!/_{2}$ MILE", E Mod 2K;

Table of widths and spaces

| | E | | Х | | TI. | | Т | г | | 3 | | 5 | | 4 | |
|-------|-------|------|-------|------|------|------|-------|------|----------|-------|-------|-------|------|-------|-------|
| 26.63 | 7.38 | 1.75 | 8.63 | 2.50 | 2.0 | 0 2 | .25 7 | 7.38 | 15.00 | 12.13 | 3.13 | 12.13 | 2.13 | 14.00 | 15.00 |
| | 1 | | 1 | | 9 | | | t | | h | | s | | t | |
| 17.00 | 4.75 | 4.13 | 4.88 | 3.75 | 13. | .00 | 3.00 | 8.38 | 5.13 | 10.50 | 16.00 | 13.00 | 3.25 | 8.25 | 17.00 |
| | 1/2 | | М | | | | | L | | E | | 1 | | | |
| 31.38 | 20.88 | 15.0 | 0 9.3 | 8 2 | 75 : | 2.00 | 2.88 | 7.38 | 3 1.63 | 7.38 | 31.38 | ; | | | |

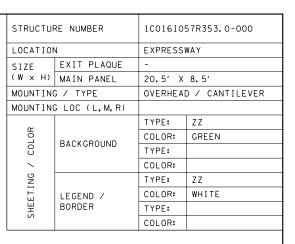
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 DESIGNED
 KK
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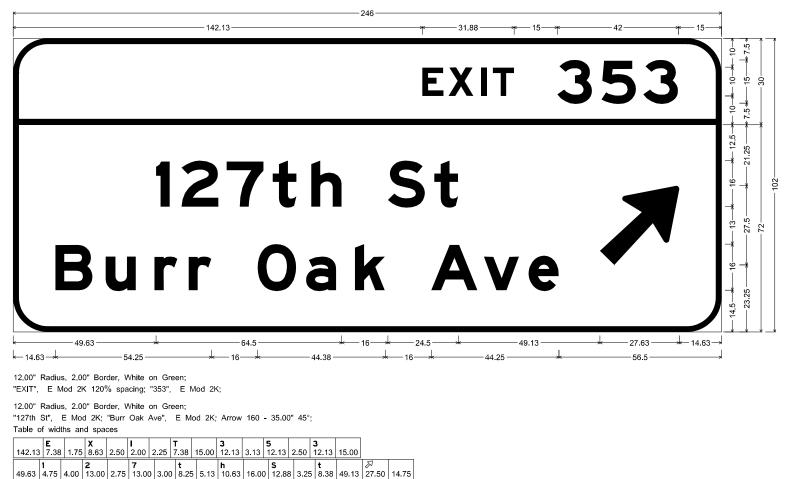
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 CHECKED
 LP
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 PLOT DATE
 = 6/10/2021
 DATE
 06/20/2021
 REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MODEL: Default FILE NAME: S:\WP\Design\



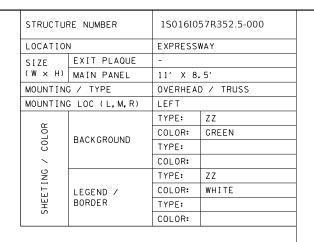


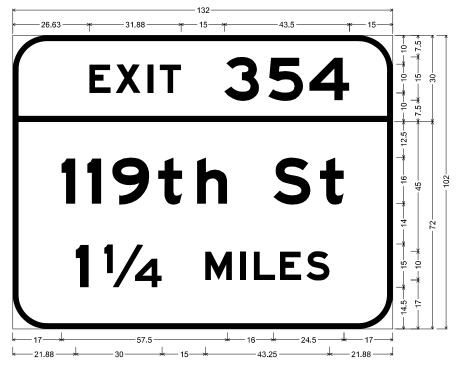
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| PLOT SCALE = 40.0000 / in. | CHECKED | - | LP | REVISED - | |
| PLOT DATE = 6/10/2021 | DATE | - | 06/20/2021 | REVISED - | |

SHEET

| | D. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. | | F.A. RTE | SECTION | | COUNTY | TOTAL SHEETS | SHEET NO. |
|------|---|---------|-------------|---------------|---------|------------|-----------------|--------------|
| SIGN | PANEL DESIGN | | | 2020-212-RS&T | | COOK | 229 | 194 |
| | | | | | | CONTRACT | NO. 62 | 2M84 |
| OF | SHEETS STA. | TO STA. | | ILLINOIS | FED. AI | ID PROJECT | | |

MODEL: Default





12.00" Radius, 2.00" Border, White on Green;

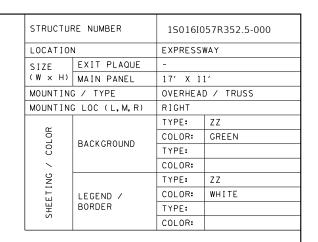
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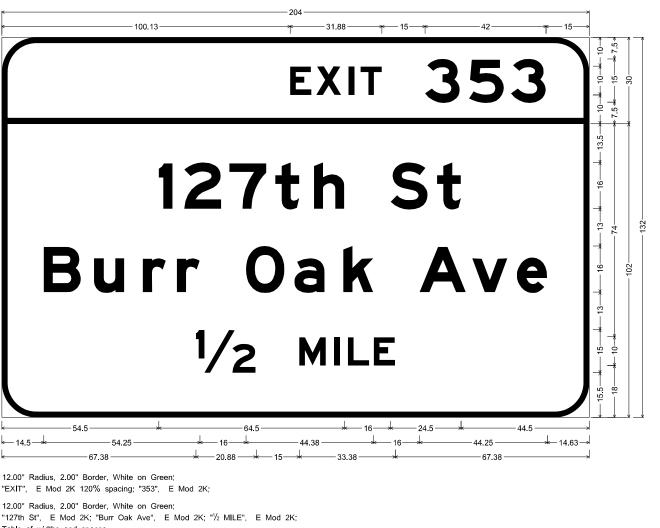
12.00" Radius, 2.00" Border, White on Green;

"119th St", E Mod 2K; "11/4 MILES", E Mod 2K;

Table of widths and spaces

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|-------|------|------|-------|------|----------|-------|-------|--------|-------|-------|-------|-------|--------|--------|
| 26.63 | 7.38 | 1.75 | 8.63 | 2.50 | 2.00 | 2.25 | 7.38 | 15.00 | 12.13 | 3.13 | 12.13 | 2.13 | 14.0 | 0 15.0 |
| | 1 | | 1 | | 9 | | t | | h | | S | | t | |
| 17.00 | 4.75 | 4.13 | 4.88 | 3.75 | 13.00 | 3.00 | 8.38 | 5.13 | 10.50 | 16.00 | 13.0 | 0 3.2 | 5 8.2 | 5 17.0 |
| | 1 | | 1/4 | | М | | 1 | | L | | Е | | s | |
| 21 88 | 4 50 | 5 38 | 20 13 | 15.0 | 00 9 2 | 5 2 8 | 8 2 0 | 0 2 75 | 7 38 | 1 63 | 7 38 | 1 88 | 8 00 1 | 22 00 |



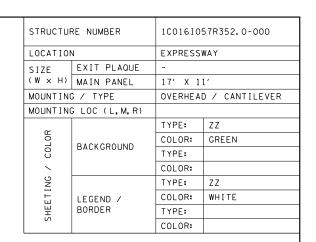


| Table (| oi wiat | iio aii | u spat | ,63 | | | | | | | | | | | | | | | | |
|---------|---------|---------|----------|------|-------|------|------|-------|-------|-------|-------|------|-------|-------|-------|------|-------|------|-------|-------|
| | E | | х | | ı | | T | | 3 | | 5 | | 3 | | | | | | | |
| 100.13 | 7.38 | 1.75 | 8.63 | 2.50 | 2.00 | 2.25 | 7.38 | 15.00 | 12.13 | 3.13 | 12.13 | 2.50 | 12.13 | 15.00 | | | | | | |
| | 1 | | 2 | | 7 | | t | | h | | S | | t | | | | | | | |
| 54.50 | 4.88 | 4.00 | 12.88 | 2.75 | 13.00 | 3.00 | 8.25 | 5.13 | 10.63 | 16.00 | 13.00 | 3.13 | 8.38 | 44.50 | | | | | | |
| | В | | u | | r | | r | | 0 | | а | | k | | Α | | v | | e | |
| 14.50 | 13.00 | 4.50 | 10.50 | 6.50 | 8.00 | 3.75 | 8.00 | 16.00 | 13.50 | 3.38 | 10.50 | 6.38 | 10.63 | 16.00 | 16.13 | 2.13 | 12.25 | 3.25 | 10.50 | 14.63 |
| | 1/2 | | М | | Ti T | | L | | Е | | | | | | | | | | | |
| 67.38 | 20.88 | 15.0 | 0 9.38 | 2.75 | 2.00 | 2.88 | 7.38 | 1.63 | 7.38 | 67.38 | | | | | | | | | | |

SER NAME = kobylkaka DESIGNED -ORAWN -KK REVISED REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

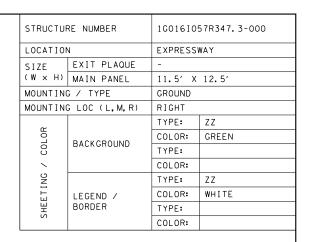
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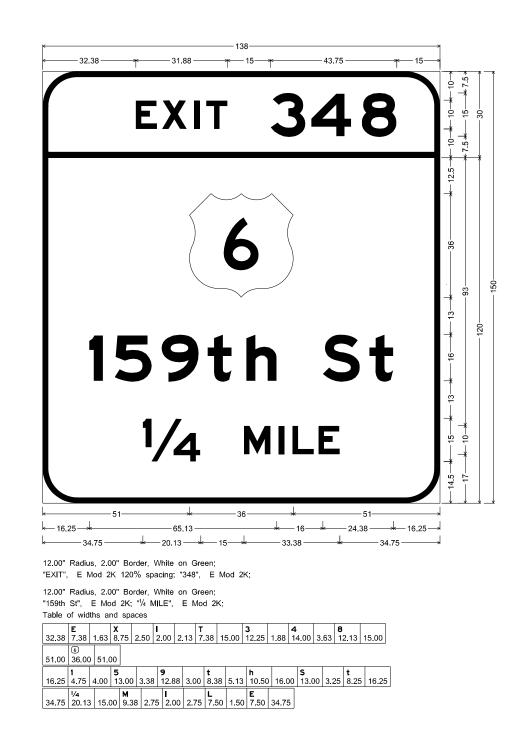




MODEL: Default

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION





SCALE:

 USER NAME
 = kobylkaka
 DESIGNED
 KK
 REVISED

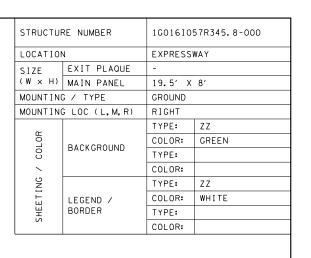
 DRAWN
 KK
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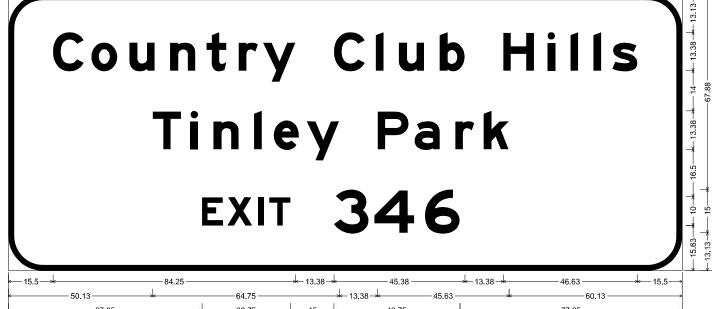
 PLOT SCALE
 = 40.0000 '/ in.
 CHECKED
 LP
 REVISED

 PLOT DATE
 = 6/10/2021
 DATE
 06/20/2021
 REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MODEL: Default





12.00" Radius, 2.00" Border, White on Green;

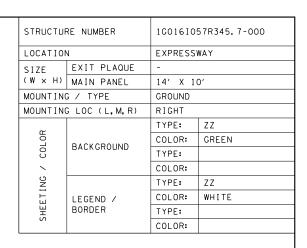
"Country Club Hills", E Mod 2K; "Tinley Park", E Mod 2K; "EXIT 346", E Mod 2K;

 C
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 0
 10.75
 2.50
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 5.38
 8.75
 | H | 13.38 | 10.75 | 4.50 | 2.63 | 5.38 | 2.63 | 5.38 | 2.63 | 3.88 | 8.88 | 15.38 |

67.25 7.38 1.38 8.75 2.00 2.00 1.88 7.38 15.00 12.13 2.00 13.88 3.63 12.13 77.25

| USER NAME = kobylkaka | DESIGNED | - | KK | REVISED - | |
|----------------------------|----------|---|------------|-----------|--|
| | DRAWN | - | KK | REVISED - | |
| PLOT SCALE = 40.0000 / in. | CHECKED | - | LP | REVISED - | |
| PLOT DATE = 6/10/2021 | DATE | - | 06/20/2021 | REVISED - | |

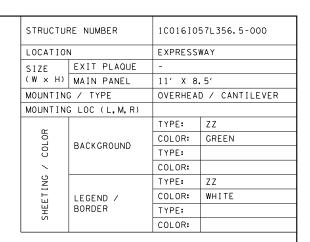
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** SIGN PANEL DESIGN 2020-212-RS&T COOK 229 198 CONTRACT NO. 62M84 OF SHEETS STA.

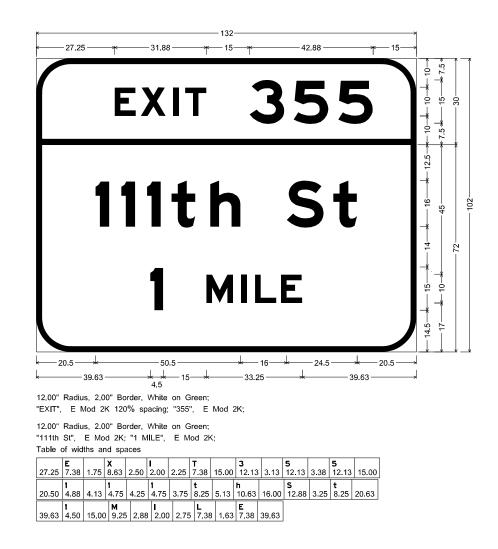




| USER NAME = kobylkaka | DESIGNED | - | KK | REVISED - | |
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| | DRAWN | - | KK | REVISED - | |
| PLOT SCALE = 40.0000 / in. | CHECKED | - | LP | REVISED - | |
| PLOT DATE = 6/10/2021 | DATE | - | 06/20/2021 | REVISED - | |

MODEL: Default FILE NAME: S:\WP\Design\KK\Signs Design\Contract-





| USER NAME = kobylkaka | DESIGNED | - | KK | REVISED - | |
|----------------------------|----------|---|------------|-----------|--|
| | DRAWN | - | KK | REVISED - | |
| PLOT SCALE = 40.0000 / in. | CHECKED | - | LP | REVISED - | |
| PLOT DATE = 6/10/2021 | DATE | - | 06/20/2021 | REVISED - | |

| STAT | E 01 | F ILLINOIS |
|------------|------|----------------|
| DEPARTMENT | OF | TRANSPORTATION |

| | | | | F.A. RTE. | | | COUNTY | TOTAL SHEETS | SHEET NO. | | |
|-------------------|----|--------|------|---------------|------------------|------|-----------|-----------------|--------------|--------|------|
| SIGN PANEL DESIGN | | | | 2020-212-RS&T | | COOK | 229 | 200 | | | |
| | | | | | | | | | CONTRACT | NO. 62 | 2M84 |
| ET | OF | SHEETS | STA. | TO STA. | ILLINOIS FED. AI | | D PROJECT | | | | |