

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

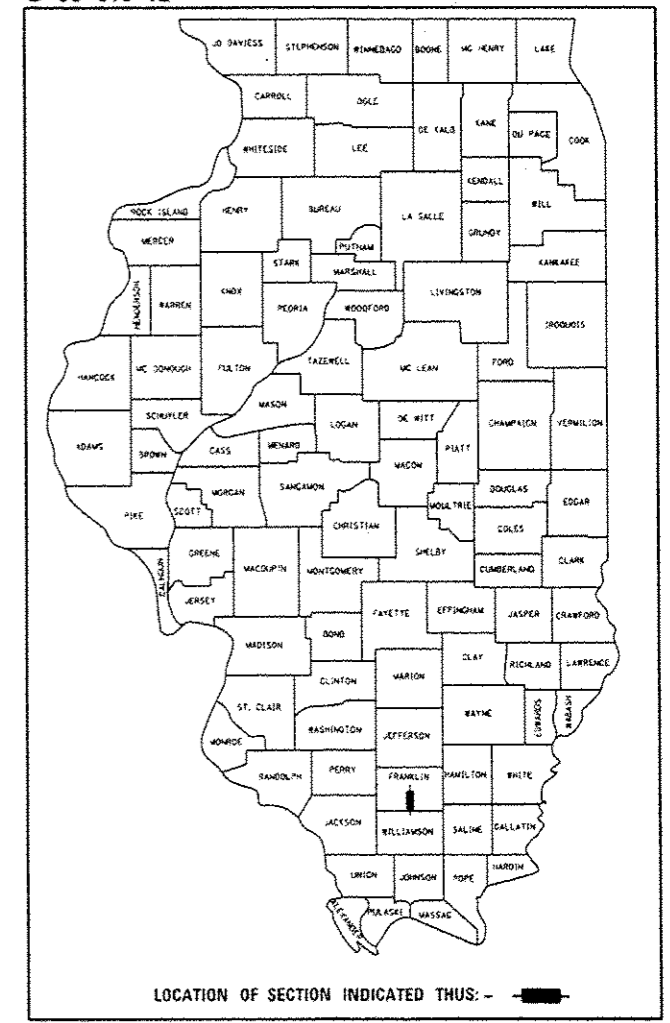
**PROPOSED  
HIGHWAY PLANS**

ROUTE IL 37/149 (FAU 9481)  
SECTION 12(N-1)  
PROJECT M-9481(003)  
INTERSECTION IMPROVEMENTS  
FRANKLIN COUNTY

| F.A.U. RTE. | SECTION | COUNTY   | TOTAL SHEETS       | SHEET NO. |
|-------------|---------|----------|--------------------|-----------|
| 9481        | 12(N-1) | FRANKLIN | 94                 | 1         |
| ILLINOIS    |         |          | CONTRACT NO. 78288 |           |

#94 + 1 = 95

D-99-013-12



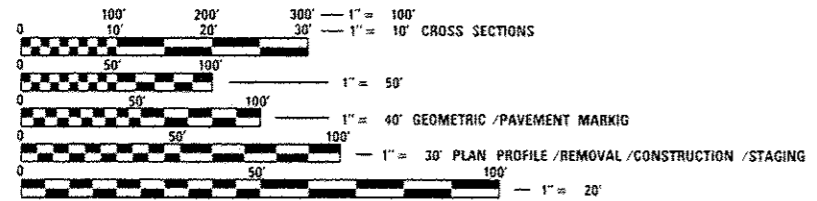
FOR INDEX OF SHEETS, SEE SHEET NO. 3

**TRAFFIC DATA**

|                   |                                   |
|-------------------|-----------------------------------|
| IL 37 (NORTH LEG) | 2009 ADT = 8100 WITH 6.2% TRUCKS  |
| IL 37 (SOUTH LEG) | 2009 ADT = 9000 WITH 4.7% TRUCKS  |
| IL 149 (WEST LEG) | 2009 ADT = 15200 WITH 5.3% TRUCKS |
| IL 149 (EAST LEG) | 2009 ADT = 13000 WITH 3.9% TRUCKS |

C-99-016-12

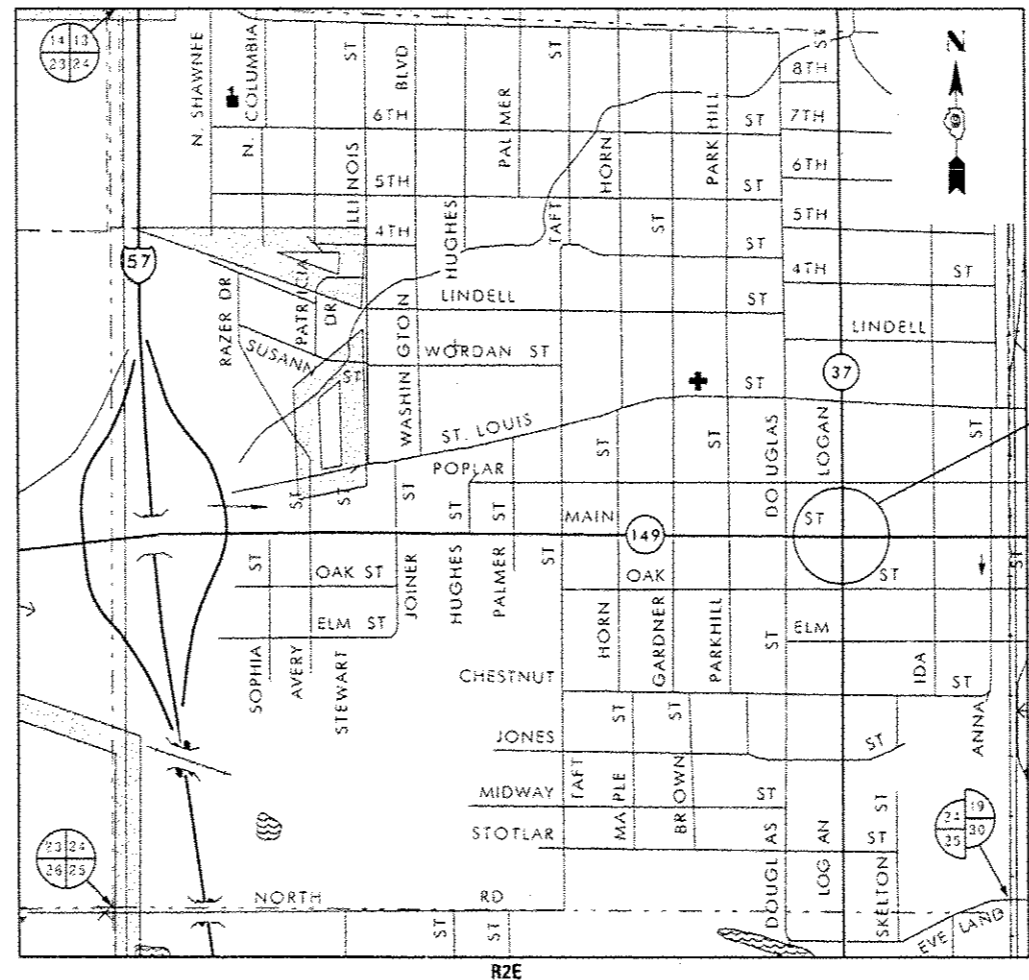
TOWNSHIP: DENNING



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

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

PROJECT ENGINEER: PATRICK NAAS  
PROJECT MANAGER: SUSAN POE



INTERSECTION IMPROVEMENTS  
STA. 50+90.08 TO 58+06.29 (IL 37)  
STA. 732+37.79 TO 737+77.00 (IL 149)

GROSS LENGTH = 1255.46 FT. = 0.238 MILE  
NET LENGTH = 1255.46 FT. = 0.238 MILE

CONTRACT NO. 78288

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED March 21, 2013  
Arthur L. Kevin  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 10, 2013  
John D. Baranzelli, P.E.  
ENGINEER OF DESIGN AND ENVIRONMENT

May 10, 2013  
Omer Osman, P.E.  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**



## INDEX OF SHEETS

|       |  |
|-------|--|
| 1     | COVER SHEET  |
| 2     | GENERAL NOTES / COMMITMENTS  |
| 3     | INDEX OF SHEETS/MIXTURE REQUIREMENTS /LIST OF STANDARDS  |
| 4-12  | SUMMARY OF QUANTITIES  |
| 13-15 | TYPICAL SECTIONS   |
| 16-21 | SCHEDULES OF QUANTITIES  |
| 22    | TIE POINTS   |
| 23-24 | PLAN-PROFILE SHEETS  |
| 25    | REMOVAL SHEET  |
| 26    | CONSTRUCTION SHEET   |
| 27-29 | CONSTRUCTION STAGING   |
| 30-31 | DETOUR ROUTES  |
| 32-33 | STORM SEWER PLAN-PROFILE SHEETS  |
| 34    | RIGHT OF WAY SHEET   |
| 35    | GEOMETRIC SHEET  |
| 36    | PCC PAVEMENT CROSS SLOPES / ELEVATIONS   |
| 36A   | JOINT LAYOUT   |
| 37-38 | PAVEMENT MARKING DETAIL SHEETS   |
| 39    | EXISTING TRAFFIC SIGNAL LAYOUT   |
| 40-41 | PROPOSED TRAFFIC SIGNAL LAYOUT   |
| 42    | TRAFFIC SIGNAL CABLE DIAGRAM   |
| 43    | PHASE DESIGNATION AND LIGHTING DIAGRAM   |
| 44-50 | SIDEWALK / CURB RAMP DETAIL SHEETS   |
| 51    | ENTRANCE DETAILS   |
| 52    | DETAIL SHEETS: SEEDING AND MULCHING, CONCRETE COLLAR<br>UNEVEN LANES SIGN, ROUGH GROOVED SURFACE |
| 53    | DETAIL SHEETS: RETAINING WALL  |
| 54    | DETAIL SHEETS: INLET SPECIAL, TYPE 3, 5 AND 6 FT<br>SIDEWALK CURB DETAIL, BOLLARD LOCATIONS      |
| 55    | DETAIL SHEETS: SIGN PANEL, SERVICE INSTALLATION  |
| 56-65 | CROSS-SECTIONS: IL 37  |
| 66-73 | CROSS-SECTIONS: IL 149   |
| 74-78 | CROSS-SECTIONS: NORTHWEST QUADRANT   |
| 79-83 | CROSS-SECTIONS: NORTHEAST QUADRANT   |
| 84-89 | CROSS-SECTIONS: SOUTHWEST QUADRANT   |
| 90-94 | CROSS-SECTIONS: SOUTHEAST QUADRANT   |

## MIXTURE REQUIREMENTS

|   |  |
|---|--|
| Location(s):                                | Hot-Mix Asphalt Surface Course                         |
| Mixture Use(s):                             | Polymerized Hot-Mix Asphalt Surface Course, Mix D, N90 |
| AC/PG:                                      | SBS PG76-22  |
| ABR % (Max):                                | SEE SPECIAL PROVISIONS                                 |
| Design Air Voids:                           | 4.0 %, 90 Gyration Design                              |
| Mixture Composition:<br>(Gradation Mixture) | IL-9.5 mm  |
| Friction Aggregate:                         | D Surface  |

|   |   |
|---|---|
| Location(s):                                | Hot-Mix Asphalt Binder Course                                       |
| Mixture Use(s):                             | Polymerized Hot-Mix Asphalt Binder Course, N90, IL-19.0, Fine Grade |
| AC/PG:                                      | SBS PG76-22   |
| ABR % (Max):                                | SEE SPECIAL PROVISIONS  |
| Design Air Voids:                           | 4.0 %, 90 Gyration Design   |
| Mixture Composition:<br>(Gradation Mixture) | IL-19.0 mm FG   |
| Friction Aggregate:                         | None  |

## LIST OF STANDARDS

|               |   |
|---------------|---|
| 000001-06     | STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS                                   |
| 001001-02     | AREAS OF REINFORCEMENT BARS   |
| 001006        | DECIMAL OF AN INCH AND OF A FOOT  |
| 280001-07     | TEMPORARY EROSION CONTROL SYSTEMS   |
| 420001-07     | PAVEMENT JOINTS   |
| 420101-04     | 24' , JOINTED PCC PAVEMENT  |
| 424001-07     | PERPENDICULAR CURB RAMPS FOR SIDEWALKS  |
| 424006-01     | DIAGONAL CURB RAMPS FOR SIDEWALKS   |
| 424011-01     | CORNER PARALLEL CURB RAMPS FOR SIDEWALKS  |
| 424016-01     | MID-BLOCK CURB RAMPS FOR SIDEWALKS  |
| 424021-01     | DEPRESSED CORNER FOR SIDEWALKS  |
| 424026-01     | ENTRANCE / ALLEY PEDESTRIAN CROSSINGS   |
| 602306-03     | INLET - TYPE B  |
| 602401-03     | MANHOLE TYPE A  |
| 602406-05     | MANHOLE TYPE A 6 ft (1.8 m) DIAMETER  |
| 602601-02     | PRECAST REINFORCED CONCRETE FLAT SLAB TOP                                       |
| 602701-02     | MANHOLE STEPS   |
| 604001-03     | FRAME AND LIDS TYPE 1   |
| 604006-04     | FRAME AND GRATE TYPE 3  |
| 604066-02     | FRAME AND LID TYPE 15   |
| 606001-05     | CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER                   |
| 701101-03     | OFF-RD OPERATIONS, MULTILANE, 15 ft (4.5 m) TO 24 " (600 mm) FROM PAVEMENT EDGE |
| 701106-02     | OFF-RD OPERATIONS, MULTILANE, MORE THAN 15 ft (4.5 m) AWAY                      |
| 701502-05     | URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE                   |
| 701602-06     | URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE             |
| 701701-08     | URBAN LANE CLOSURE, MULTILANE INTERSECTION                                      |
| 701801-05     | SIDEWALK, CORNER OR CROSSWALK CLOSURE   |
| 701901-02     | TRAFFIC CONTROL DEVICES   |
| 720016-03     | MAST ARM MOUNTED STREET NAME SIGNS  |
| 780001-03     | TYPICAL PAVEMENT MARKINGS   |
| 781001-03     | TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS                         |
| 805001-01     | ELECTRICAL SERVICE INSTALLATION DETAILS   |
| 814001-02     | HANDHOLES   |
| 825011-02     | LIGHTING CONTROLLER PEDESTAL MOUNTED, 240V                                      |
| 857001-01     | STANDARD PHASE DESIGNATION DIAGRAM AND PHASE SEQUENCES                          |
| 862001-01     | UNINTERRUPTABLE POWER SUPPLY (UPS)  |
| 873001-02     | TRAFFIC SIGNAL GROUNDING & BONDING  |
| 876001-02     | PEDESTRIAN PUSH BUTTON POST   |
| 877011-05     | STEEL COMB. MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'                          |
| 878001-09     | CONCRETE FOUNDATION DETAILS   |
| 880006-01     | TRAFFIC SIGNAL MOUNTING DETAILS   |
| 886001-01     | DETECTOR LOOP INSTALLATIONS   |
| 886006-01     | TYPICAL LAYOUTS FOR DETECTION LOOPS   |
| B. L. R. 22-7 | TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION                 |



| CODE NO. | ITEM  | UNIT  | TOTAL QUANTITY | CONSTRUCTION CODE        |                                  |
|----------|---|-------|----------------|--------------------------|----------------------------------|
|          |   |       |                | 80% FEDERAL, 20% STATE   |                                  |
|          |   |       |                | ROADWAY<br>0004<br>URBAN | TRAFFIC SIGNALS<br>0021<br>URBAN |
| 40600300 | AGGREGATE (PRIME COAT)                                      | TON   | 6              | 6                        |                                  |
| 40600990 | TEMPORARY RAMP  | SQ YD | 735            | 735                      |                                  |
| 40603243 | POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, FG, N90 | TON   | 461            | 461                      |                                  |
| 40603545 | POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90    | TON   | 396            | 396                      |                                  |
| 42000501 | PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)             | SQ YD | 3791           | 3791                     |                                  |
| 42300300 | PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH          | SQ YD | 845            | 845                      |                                  |
| 42300400 | PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH          | SQ YD | 142            | 142                      |                                  |
| 42400200 | PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH                    | SQ FT | 8308           | 8308                     |                                  |
| 42400800 | DETECTABLE WARNINGS   | SQ FT | 415            | 415                      |                                  |
| 44000100 | PAVEMENT REMOVAL  | SQ YD | 3360           | 3360                     |                                  |
| 44000162 | HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"                     | SQ YD | 4256           | 4256                     |                                  |
| 44000200 | DRIVEWAY PAVEMENT REMOVAL                                   | SQ YD | 1599           | 1599                     |                                  |
| 44000500 | COMBINATION CURB AND GUTTER REMOVAL                         | FOOT  | 2272           | 2272                     |                                  |
| 44000600 | SIDEWALK REMOVAL  | SQ FT | 6355           | 6355                     |                                  |

|  |                    |            |           |   |                              |                     |      |                |                    |          |                 |              |
|--|--------------------|------------|-----------|---|------------------------------|---------------------|------|----------------|--------------------|----------|-----------------|--------------|
| FILE NAME *                              | USER NAME * #USER# | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>SUMMARY OF QUANTITIES</b> |                     |      | F.A.U.<br>RTE. | SECTION            | COUNTY   | TOTAL<br>SHEETS | SHEET<br>NO. |
| c:\pwwork\pvidot\puffarao\49270286\78288 | shl-plen.dgn       | DRAWN -    | REVISED - |   |                              |                     |      | 9481           | 12IN-11            | FRANKLIN | 94              | 5            |
| PLOT SCALE * 1/8"=1'-0"                  |                    | CHECKED -  | REVISED - |   | SCALE:                       | SHEET NO. OF SHEETS | STA. | TO STA.        | CONTRACT NO. 78288 |          |                 |              |
| PLOT DATE * 3/22/2013                    |                    | DATE -     | REVISED - |   | ILLINOIS FED. AID PROJECT    |                     |      |                |                    |          |                 |              |

| CODE NO. | ITEM  | UNIT  | TOTAL QUANTITY | CONSTRUCTION CODE        |                                  |
|----------|---|-------|----------------|--------------------------|----------------------------------|
|          |   |       |                | 80% FEDERAL, 20% STATE   |                                  |
|          |   |       |                | ROADWAY<br>0004<br>URBAN | TRAFFIC SIGNALS<br>0021<br>URBAN |
| 44201377 | CLASS C PATCHES, TYPE II, 12 INCH                       | SO YD | 102            | 102                      |                                  |
| 44201381 | CLASS C PATCHES, TYPE III, 12 INCH                      | SO YD | 52             | 52                       |                                  |
| 44201383 | CLASS C PATCHES, TYPE IV, 12 INCH                       | SO YD | 94             | 94                       |                                  |
| 48301000 | PROTECTIVE COAT   | SO YD | 6377           | 6377                     |                                  |
| 50300225 | CONCRETE STRUCTURES                                     | CU YD | 2.34           | 2.34                     |                                  |
| 54248510 | CONCRETE COLLAR   | CU YD | 1.1            | 1.1                      |                                  |
| 55100500 | STORM SEWER REMOVAL 12"                                 | FOOT  | 32             | 32                       |                                  |
| 55100700 | STORM SEWER REMOVAL 15"                                 | FOOT  | 57             | 57                       |                                  |
| 55100900 | STORM SEWER REMOVAL 18"                                 | FOOT  | 7              | 7                        |                                  |
| 55101200 | STORM SEWER REMOVAL 24"                                 | FOOT  | 598            | 598                      |                                  |
| 60218400 | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH  | 1              | 1                        |                                  |
| 60219500 | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 15 FRAME AND LID    | EACH  | 1              | 1                        |                                  |
| 60224030 | MANHOLES, TYPE A, 6'-DIAMETER, TYPE 15 FRAME AND LID    | EACH  | 1              | 1                        |                                  |
| 60240220 | INLETS, TYPE B, TYPE 3 FRAME AND GRATE                  | EACH  | 4              | 4                        |                                  |

|                                      |                               |            |           |   |                              |           |    |        |             |         |                    |              |           |
|--------------------------------------|-------------------------------|------------|-----------|---|------------------------------|-----------|----|--------|-------------|---------|--------------------|--------------|-----------|
| FILE NAME *                          | USER NAME * USER4             | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>SUMMARY OF QUANTITIES</b> |           |    |        | F.A.U. RTE. | SECTION | COUNTY             | TOTAL SHEETS | SHEET NO. |
| c:\p\work\p\wdot\puffer\p\0293206\70 | 30-ent-plan.dgn               | DRAWN -    | REVISED - |   |                              |           |    |        | 9401        | 12N-11  | FRANKLIN           | 94           | 6         |
|                                      | PLOT SCALE = 100.0000' / 1" = | CHECKED -  | REVISED - |   | SCALE:                       | SHEET NO. | OF | SHEETS | STA.        | TO STA. | CONTRACT NO. 78288 |              |           |
|                                      | PLOT DATE = 3/22/2013         | DATE -     | REVISED - |   | ILLINOIS FED. AID PROJECT    |           |    |        |             |         |                    |              |           |



| CODE NO.   | ITEM  | UNIT  | TOTAL QUANTITY | CONSTRUCTION CODE        |                                  |
|------------|---|-------|----------------|--------------------------|----------------------------------|
|            |   |       |                | 80% FEDERAL, 20% STATE   |                                  |
|            |   |       |                | ROADWAY<br>0004<br>URBAN | TRAFFIC SIGNALS<br>0021<br>URBAN |
| * 70300220 | TEMPORARY PAVEMENT MARKING - LINE 4"                    | FOOT  | 3013           | 3013                     |                                  |
| * 70300240 | TEMPORARY PAVEMENT MARKING - LINE 6"                    | FOOT  | 716            | 716                      |                                  |
| * 70300280 | TEMPORARY PAVEMENT MARKING - LINE 24"                   | FOOT  | 187            | 187                      |                                  |
| 70301000   | WORK ZONE PAVEMENT MARKING REMOVAL                      | SQ FT | 3840           | 3840                     |                                  |
| * 72000100 | SIGN PANEL - TYPE 1                                     | SQ FT | 66             | 66                       |                                  |
| * 72000200 | SIGN PANEL - TYPE 2                                     | SQ FT | 65             | 25                       | 40                               |
| * 72400710 | RELOCATE SIGN PANEL - TYPE 1                            | SQ FT | 20             | 20                       |                                  |
| * 78008300 | POLYUREA PAVEMENT MARKING TYPE II - LETTERS AND SYMBOLS | SQ FT | 156            | 156                      |                                  |
| * 78008310 | POLYUREA PAVEMENT MARKING TYPE II - LINE 4"             | FOOT  | 3013           | 3013                     |                                  |
| * 78008330 | POLYUREA PAVEMENT MARKING TYPE II - LINE 6"             | FOOT  | 716            | 716                      |                                  |
| * 78008370 | POLYUREA PAVEMENT MARKING TYPE II - LINE 24"            | FOOT  | 187            | 187                      |                                  |
| * 78100100 | RAISED REFLECTIVE PAVEMENT MARKER                       | EACH  | 110            | 110                      |                                  |
| 78300200   | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL               | EACH  | 64             | 64                       |                                  |
| 80300100   | LOCATING UNDERGROUND CABLE                              | FOOT  | 20             |                          | 20                               |

14

\*SPECIALTY ITEM

|   |                   |            |           |   |   |  |  |  |                           |          |          |              |           |
|---|-------------------|------------|-----------|---|---|--|--|--|---------------------------|----------|----------|--------------|-----------|
| FILE NAME *   | USER NAME * USER* | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>SUMMARY OF QUANTITIES</b>            |  |  |  | F.A.U. RTE.               | SECTION  | COUNTY   | TOTAL SHEETS | SHEET NO. |
| c:\pwork\puidot\puffer\08293266\78008300-sht-plan.dgn |                   | DRAWN -    | REVISED - |   |   |  |  |  | 9481                      | 12(N-11) | FRANKLIN | 94           | 8         |
| PLOT SCALE : 1/8"=1'-0"                               |                   | CHECKED -  | REVISED - |   | SCALE: SHEET NO. OF SHEETS STA. TO STA. |  |  |  | CONTRACT NO. 78288        |          |          |              |           |
| PLOT DATE : 3/22/2013                                 |                   | DATE -     | REVISED - |   |   |  |  |  | ILLINOIS FED. AID PROJECT |          |          |              |           |



| CODE NO.   | ITEM  | UNIT | TOTAL QUANTITY | CONSTRUCTION CODE        |                                  |
|------------|---|------|----------------|--------------------------|----------------------------------|
|            |   |      |                | 80% FEDERAL, 20% STATE   |                                  |
|            |   |      |                | ROADWAY<br>0004<br>URBAN | TRAFFIC SIGNALS<br>0021<br>URBAN |
| 81028340   | UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.                       | FOOT | 699            |                          | 699                              |
| 81028360   | UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.                       | FOOT | 152            |                          | 152                              |
| 81028370   | UNDERGROUND CONDUIT, PVC, 3" DIA.                           | FOOT | 107            |                          | 107                              |
| 81028390   | UNDERGROUND CONDUIT, PVC, 4" DIA.                           | FOOT | 156            |                          | 156                              |
| * 81400100 | HANDHOLE  | EACH | 4              |                          | 4                                |
| * 81500100 | GULFBOX JUNCTION  | EACH | 8              |                          | 8                                |
| * 81702450 | ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10 | FOOT | 775            |                          | 775                              |
| * 82103900 | LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, 250 WATT              | EACH | 8              |                          | 8                                |
| * 82500330 | LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP       | EACH | 1              |                          | 1                                |
| * 84200804 | REMOVAL OF POLE FOUNDATION                                  | EACH | 8              |                          | 8                                |
| * 85700200 | FULL-ACTUATED CONTROLLER AND TYPE IV CABINET                | EACH | 1              |                          | 1                                |
| * 86200300 | UNINTERRUPTABLE POWER SUPPLY, EXTENDED                      | EACH | 1              |                          | 1                                |
| * 87301225 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C                 | FOOT | 1342           |                          | 1342                             |
| * 87301245 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C                 | FOOT | 352            |                          | 352                              |

\* SPECIALTY ITEM

| CODE NO.   | ITEM   | UNIT | TOTAL QUANTITY | CONSTRUCTION CODE        |                                  |
|------------|--|------|----------------|--------------------------|----------------------------------|
|            |  |      |                | 80% FEDERAL, 20% STATE   |                                  |
|            |  |      |                | ROADWAY<br>0004<br>URBAN | TRAFFIC SIGNALS<br>0021<br>URBAN |
| * 87301255 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C  | FOOT | 2000           |                          | 2000                             |
| * 87301275 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 12C                                       | FOOT | 545            |                          | 545                              |
| * 87301305 | ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR                                  | FOOT | 2261           |                          | 2261                             |
| * 87301900 | ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C                 | FOOT | 1,333          |                          | 1,333                            |
| * 87703000 | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT.                                | EACH | 4              |                          | 4                                |
| * 87800150 | CONCRETE FOUNDATION, TYPE C  | FOOT | 3              |                          | 3                                |
| * 87800415 | CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER                                       | FOOT | 60             |                          | 60                               |
| * 88040090 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED               | EACH | 8              |                          | 8                                |
| * 88040150 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED                | EACH | 2              |                          | 2                                |
| * 88040160 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED               | EACH | 4              |                          | 4                                |
| * 88040260 | SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED | EACH | 2              |                          | 2                                |
| * 88102747 | PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER          | EACH | 4              |                          | 4                                |
| * 88200100 | TRAFFIC SIGNAL BACKPLATE   | EACH | 12             |                          | 12                               |
| * 88600100 | DETECTOR LOOP, TYPE I  | FOOT | 488            |                          | 488                              |
| * 88800100 | PEDESTRIAN PUSH-BUTTON   | EACH | 8              |                          | 8                                |

*MS*  
\*SPECIALTY ITEM

|  |                    |            |           |   |                              |           |    |        |                        |                    |                    |                       |                    |
|--|--------------------|------------|-----------|---|------------------------------|-----------|----|--------|------------------------|--------------------|--------------------|-----------------------|--------------------|
| FILE NAME :<br>c:\pwwork\puidat\pufferao\d0293206170 | USER NAME : *USER* | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>SUMMARY OF QUANTITIES</b> |           |    |        | F.A.U.<br>RTE.<br>94B1 | SECTION<br>12(N-1) | COUNTY<br>FRANKLIN | TOTAL<br>SHEETS<br>94 | SHEET<br>NO.<br>10 |
|  |                    | DRAWN -    | REVISED - |   | SCALE:                       | SHEET NO. | OF | SHEETS | STA.                   | TO STA.            | CONTRACT NO. 78288 |                       |                    |
|  |                    | CHECKED -  | REVISED - |   | ILLINOIS FED. AID PROJECT    |           |    |        |                        |                    |                    |                       |                    |
|  |                    | DATE -     | REVISED - |   |                              |           |    |        |                        |                    |                    |                       |                    |

| CODE NO.   | ITEM                                     | UNIT  | TOTAL QUANTITY | CONSTRUCTION CODE        |                                  |
|------------|--|-------|----------------|--------------------------|----------------------------------|
|            |  |       |                | 80% FEDERAL, 20% STATE   |                                  |
|            |  |       |                | ROADWAY<br>0004<br>URBAN | TRAFFIC SIGNALS<br>0021<br>URBAN |
| * 89502375 | REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH  | 1              |                          | 1                                |
| 550A0040   | STORM SEWERS, CLASS A, TYPE 1 10"        | FOOT  | 8              |                          | 8                                |
| 550A0050   | STORM SEWERS, CLASS A, TYPE 1 12"        | FOOT  | 80             |                          | 80                               |
| 550A0070   | STORM SEWERS, CLASS A, TYPE 1 15"        | FOOT  | 249            |                          | 249                              |
| 550A0090   | STORM SEWERS, CLASS A, TYPE 1 18"        | FOOT  | 288            |                          | 288                              |
| 550A0120   | STORM SEWERS, CLASS A, TYPE 1 24"        | FOOT  | 230            |                          | 230                              |
| 550A0140   | STORM SEWERS, CLASS A, TYPE 1 30"        | FOOT  | 11             |                          | 11                               |
| 550A0340   | STORM SEWERS, CLASS A, TYPE 2 12"        | FOOT  | 64             |                          | 64                               |
| 550A0360   | STORM SEWERS, CLASS A, TYPE 2 15"        | FOOT  | 110            |                          | 110                              |
| 550A0400   | STORM SEWERS, CLASS A, TYPE 2 21"        | FOOT  | 61             |                          | 61                               |
| 550A0410   | STORM SEWERS, CLASS A, TYPE 2 24"        | FOOT  | 405            |                          | 405                              |
| X0325405   | FILL EXISTING STORM SEWERS               | CU YD | 57             |                          | 57                               |
| * X0325476 | RADAR VEHICLE DETECTION SYSTEM           | EACH  | 1              |                          | 1                                |
| X2110100   | TOPSOIL FURNISH AND PLACE, SPECIAL       | CU YD | 312            | 312                      |                                  |

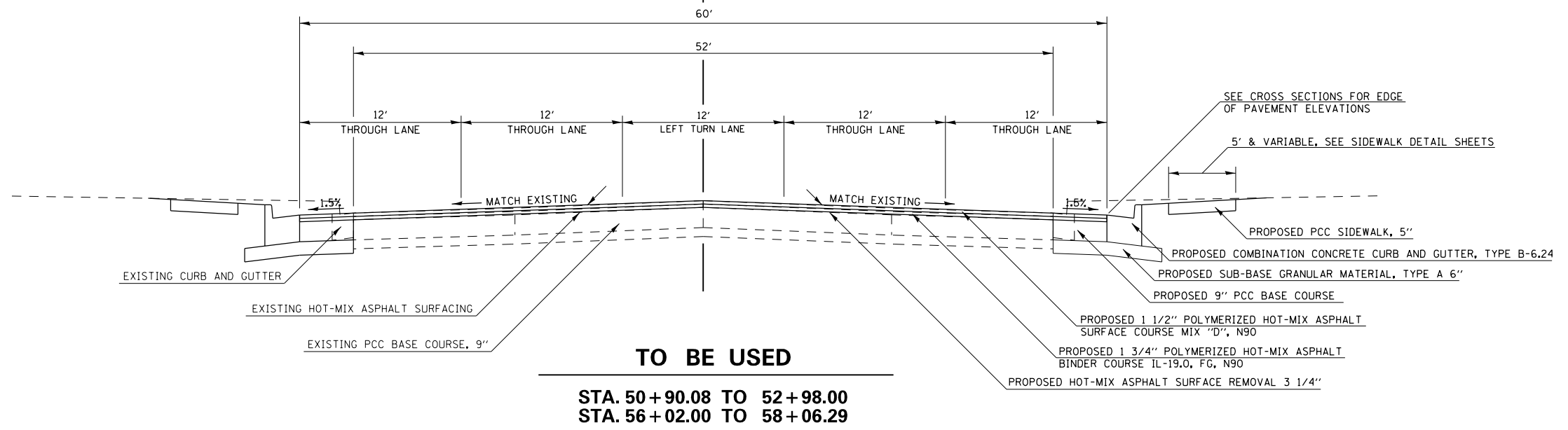
\* SPECIALTY ITEM

|   |                    |            |           |   |                              |                     |      |             |                           |          |              |           |
|---|--------------------|------------|-----------|---|------------------------------|---------------------|------|-------------|---------------------------|----------|--------------|-----------|
| FILE NAME :   | USER NAME : #USER* | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>SUMMARY OF QUANTITIES</b> |                     |      | F.A.U. RTE. | SECTION                   | COUNTY   | TOTAL SHEETS | SHEET NO. |
| c:\pwork\pedit\pufferead\02932061702\10-sh1.plt.dgn |                    | DRAWN -    | REVISED - |   |                              |                     |      | 9481        | 120N-11                   | FRANKLIN | 94           | 11        |
| PLOT SCALE : 100.0000 / 1 in.                       |                    | CHECKED -  | REVISED - |   | SCALE:                       | SHEET NO. OF SHEETS | STA. | TO STA.     | ILLINOIS FED. AID PROJECT |          |              |           |
| PLOT DATE : 3/22/2013                               |                    | DATE -     | REVISED - |   |                              |                     |      |             |                           |          |              |           |



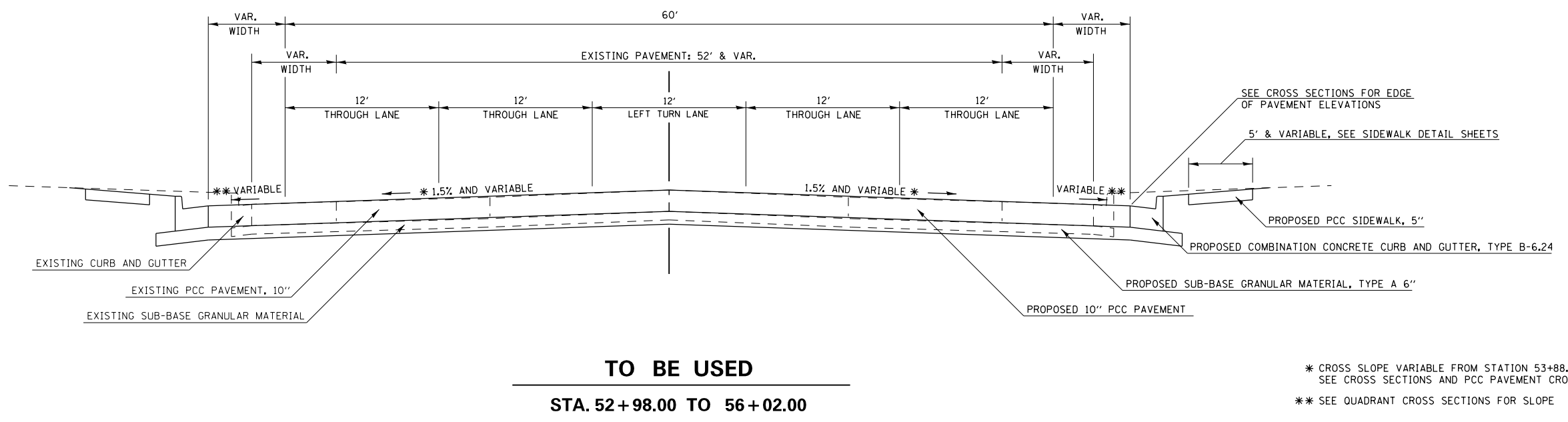
# TYPICAL SECTION

## IL RTE 37



# TYPICAL SECTION

## IL RTE 37



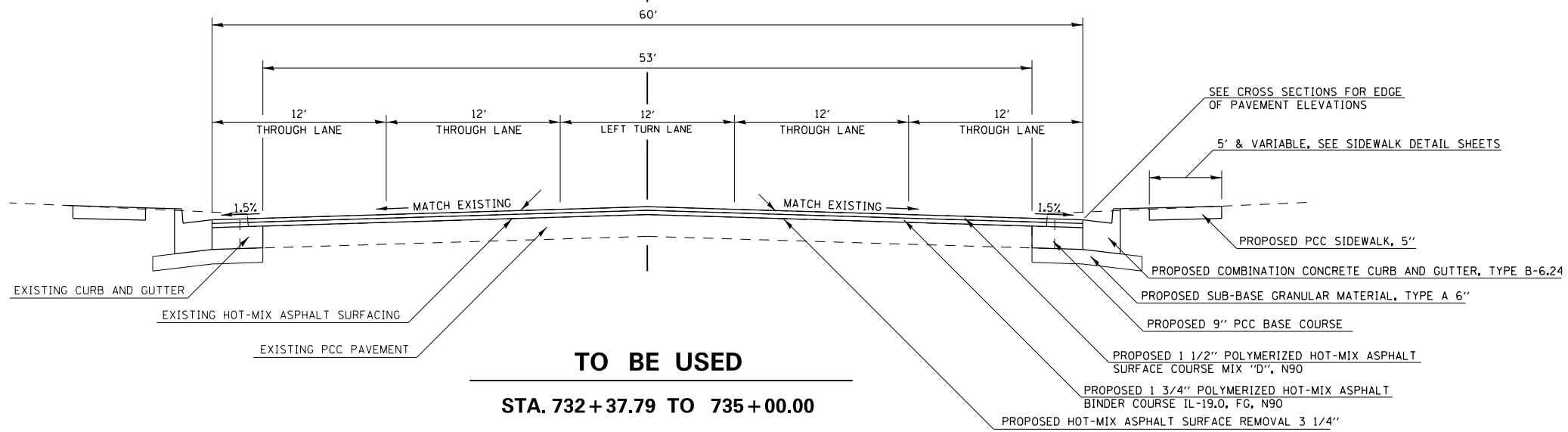
\* CROSS SLOPE VARIABLE FROM STATION 53+88.29 TO 54+78.28, SEE CROSS SECTIONS AND PCC PAVEMENT CROSS SLOPE SHEET  
 \*\* SEE QUADRANT CROSS SECTIONS FOR SLOPE

|             |                             |            |           |   |                         |                           |         |          |              |           |  |
|-------------|-----------------------------|------------|-----------|---|-------------------------|---------------------------|---------|----------|--------------|-----------|--|
| FILE NAME = | USER NAME = \$USER*         | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>TYPICAL SECTIONS</b> | F.A.U. RTE.               | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO. |  |
|             |                             | DRAWN -    | REVISED - |   |                         | 9481                      | 12(N-1) | FRANKLIN | 94           | 13        |  |
|             | PLOT SCALE = 10.0000' / in. | CHECKED -  | REVISED - |   |                         | CONTRACT NO. 78288        |         |          |              |           |  |
|             | PLOT DATE = 3/22/2013       | DATE -     | REVISED - |   |                         | ILLINOIS FED. AID PROJECT |         |          |              |           |  |

# TYPICAL SECTION



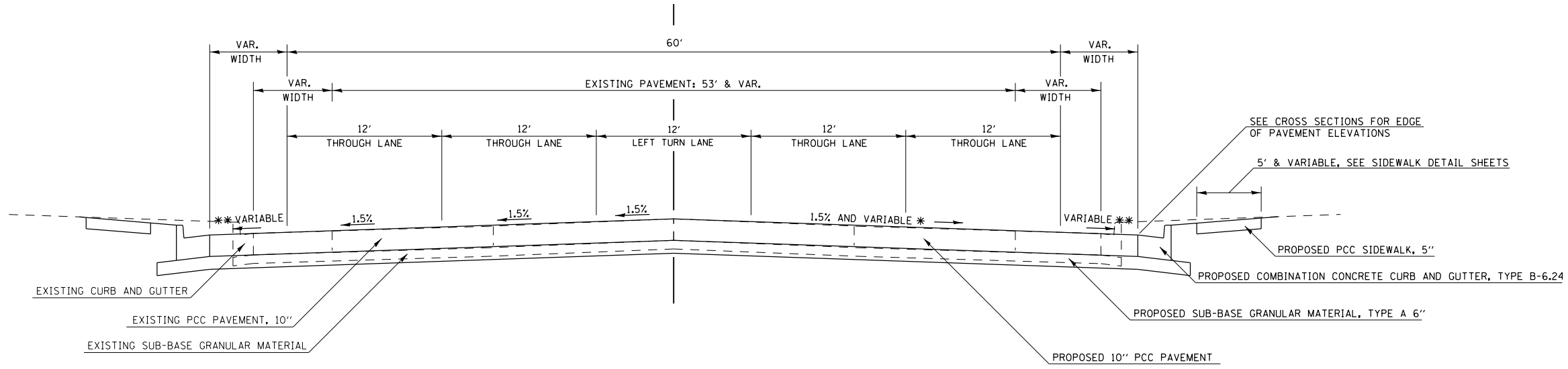
## IL RTE 149



# TYPICAL SECTION



## IL RTE 149

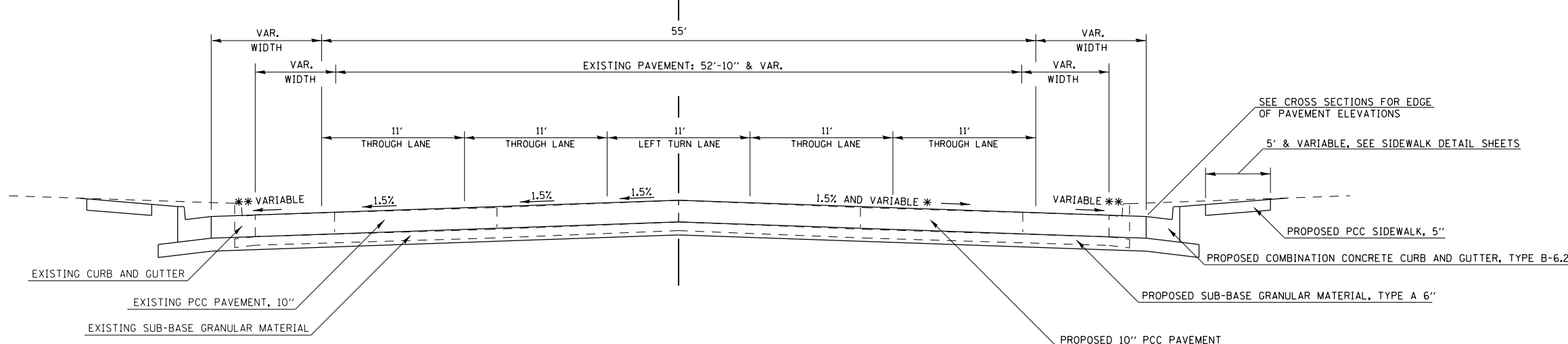


\* CROSS SLOPE VARIABLE FROM STATION 735+36 TO 736+55, SEE CROSS SECTIONS AND PCC PAVEMENT CROSS SLOPE SHEET  
\*\* SEE QUADRANT CROSS SECTIONS FOR SLOPE

|  |                            |            |           |   |                         |       |    |             |         |          |              |                           |
|--|----------------------------|------------|-----------|---|-------------------------|-------|----|-------------|---------|----------|--------------|---------------------------|
| FILE NAME =  | USER NAME = \$USER*        | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>TYPICAL SECTIONS</b> |       |    | F.A.U. RTE. | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO.                 |
| et:\pw\work\p\idot\puff\ee\ad\293206\78288-sh-t-plan.dgn |                            | DRAWN -    | REVISED - |   |                         |       |    | 9481        | 12(N-1) | FRANKLIN | 94           | 14                        |
|  | PLOT SCALE = 10.0000' / 1" | CHECKED -  | REVISED - |   | CONTRACT NO. 78288      |       |    |             |         |          |              |                           |
|  | PLOT DATE = 3/22/2013      | DATE -     | REVISED - |   | SCALE:                  | SHEET | OF | SHEETS      | STA.    | TO       | STA.         | ILLINOIS FED. AID PROJECT |

# TYPICAL SECTION

## IL RTE 149



**TO BE USED**  
**STA. 736+55.00 TO 737+77.00**

\* CROSS SLOPE VARIABLE FROM STATION 736+55 TO 737+15, SEE CROSS SECTIONS AND PCC PAVEMENT CROSS SLOPE SHEET  
 \*\* SEE QUADRANT CROSS SECTIONS FOR SLOPE

|   |                            |            |           |   |  |  |  |                    |         |          |                 |              |
|---|----------------------------|------------|-----------|---|--|--|--|--------------------|---------|----------|-----------------|--------------|
| FILE NAME =   | USER NAME = \$USER*        | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>TYPICAL SECTIONS</b>                                      |  |  | F.A.U<br>RTE.      | SECTION | COUNTY   | TOTAL<br>SHEETS | SHEET<br>NO. |
| et:\pw\work\p\idot\puff\ee\ad293206\78288-sh\plan.dgn |                            | DRAWN -    | REVISED - |   |  |  |  | 9481               | 12(N-1) | FRANKLIN | 94              | 15           |
|   | PLOT SCALE = 10.0000' / 1" | CHECKED -  | REVISED - |   | SCALE:      SHEET    OF    SHEETS    STA.            TO STA. |  |  | CONTRACT NO. 78288 |         |          |                 |              |
|   | PLOT DATE = 3/22/2013      | DATE -     | REVISED - |   | ILLINOIS FED. AID PROJECT                                    |  |  |                    |         |          |                 |              |





## RESURFACING SCHEDULE

| LOCATION<br>STATION TO STATION                | PCC<br>PAVEMENT<br>10" JOINTED<br><br>( SQ YD) | BITUMINOUS<br>MATERIALS<br>PRIME COAT<br><br>( GALLON) | AGG.<br>PRIME<br>COAT<br><br>( TON) | SUB-BASE<br>GRANULAR<br>MATERIAL<br>TYPE A<br>6"<br>( SQ YD) | PCC<br>BASE<br>COURSE<br>9"<br>( SQ YD) | POLYMERIZED<br>HOT-MIX ASPHALT<br>SURFACE COURSE<br>MIX "D", N90<br>1 1/2"<br>( TON) | POLYMERIZED<br>HOT-MIX ASPHALT<br>BINDER COURSE<br>IL-19.0, FG, N90<br>1 3/4"<br>( TON) | PCC<br>SIDEWALK<br>5"<br><br>( SQ FT) | PROTECTIVE<br>COAT<br><br>( SQ YD) |
|---|--|--|-------------------------------------|--|---|--|---|---------------------------------------|------------------------------------|
| IL 37   |  |  |                                     |  |   |  |   |                                       |                                    |
| 50+90.08 TO 52+98.00                          |  | 118  | 1.96                                |  |   | 122  | 142   |                                       |                                    |
| 51+31.00 LT. TO 52+98.00 LT.                  |  |  |                                     | 146  |   |  |   |                                       |                                    |
| 51+33.00 RT. TO 52+98.00 RT.                  |  |  |                                     | 154  |   |  |   |                                       |                                    |
| 51+33.50 RT. TO 52+98.00 RT.                  |  |  |                                     |  | 76                                      |  |   |                                       |                                    |
| 51+33.50 LT. TO 52+98.00 LT.                  |  |  |                                     |  | 68                                      |  |   |                                       |                                    |
| 51+41.22 RT. TO 52+98.00 RT.                  |  |  |                                     |  |   |  |   | 547                                   | 61                                 |
| 51+42.42 LT. TO 52+98.00 LT.                  |  |  |                                     |  |   |  |   | 934                                   | 104                                |
| 52+98.00 RT. TO 735+00.00 LT.                 |  |  |                                     |  |   |  |   | 894                                   | 99                                 |
| 52+98.00 TO 56+02.00 & 735+00.00 TO 737+77.00 | 3791   |  |                                     | 4160   |   |  |   |                                       | 3791                               |
| 56+02.00 LT. TO 737+76.99 RT.                 |  |  |                                     |  |   |  |   | 1303                                  | 145                                |
| 56+02.00 RT. TO 57+61.26 RT.                  |  |  |                                     |  |   |  |   | 754                                   | 84                                 |
| 56+02.00 LT. TO 57+62.18 LT.                  |  |  |                                     |  |   |  |   | 377                                   | 42                                 |
| 56+02.00 TO 58+06.29                          |  | 117  | 1.95                                |  |   | 160  | 186   |                                       |                                    |
| 56+02.00 RT. TO 57+62.50 RT.                  |  |  |                                     |  | 71                                      |  |   |                                       |                                    |
| 56+02.00 LT. TO 57+62.00 LT.                  |  |  |                                     |  | 69                                      |  |   |                                       |                                    |
| 56+02.00 RT. TO 57+64.50 RT.                  |  |  |                                     | 148  |   |  |   |                                       |                                    |
| 56+02.00 LT. TO 57+64.50 LT.                  |  |  |                                     | 150  |   |  |   |                                       |                                    |
| IL 149  |  |  |                                     |  |   |  |   |                                       |                                    |
| 732+37.79 TO 735+00.00                        |  | 148  | 2.47                                |  |   | 114  | 133   |                                       |                                    |
| 732+72.00 LT. TO 735+00.00 LT.                |  |  |                                     | 193  |   |  |   |                                       |                                    |
| 732+73.50 RT. TO 735+00.00 RT.                |  |  |                                     | 190  |   |  |   |                                       |                                    |
| 732+74.00 RT. TO 735+00.00 RT.                |  |  |                                     |  | 84                                      |  |   |                                       |                                    |
| 732+74.34 LT. TO 735+00.00 LT.                |  |  |                                     |  |   |  |   | 769                                   | 85                                 |
| 732+75.97 RT. TO 735+00.00 RT.                |  |  |                                     |  |   |  |   | 782                                   | 87                                 |
| 732+79.00 LT. TO 735+00.00 LT.                |  |  |                                     |  | 85                                      |  |   |                                       |                                    |
| 735+00.00 RT. TO 56+02.00 RT.                 |  |  |                                     |  |   |  |   | 931                                   | 103                                |
| 737+82.92 LT. TO 52+98.00 LT.                 |  |  |                                     |  |   |  |   | 1017                                  | 113                                |
|   | 3791   | 383  | 6.38                                | 5141   | 453                                     | 396  | 461   | 8308                                  | 4714                               |

## SEEDING AND EROSION CONTROL

| LOCATION<br>STATION TO STATION | SEEDING<br>CLASS 1B<br><br>( ACRE) | NITROGEN<br>FERTILIZER<br>NUTRIENT<br><br>( POUND) | PHOSPHORUS<br>FERTILIZER<br>NUTRIENT<br><br>( POUND) | POTASSIUM<br>FERTILIZER<br>NUTRIENT<br><br>( POUND) | MULCH<br>METHOD<br>2<br><br>( ACRE) | AGRICULTURAL<br>GROUND<br>LIMESTONE<br><br>( TON) | EROSION<br>CONTROL<br>BLANKET<br><br>( SQ YD) | SEEDING<br>CLASS 7<br><br>( ACRE) |
|--------------------------------|------------------------------------|--|--|---|-------------------------------------|---|---|-----------------------------------|
| IL 37                          |                                    |  |  |   |                                     |   |   |                                   |
| 51+33 TO 52+98                 | 0.036                              | 6  | 4  | 4   | 0.072                               | 0.1   | 174   | 0.036                             |
| 52+98 RT. TO 735+00 LT.        | 0.202                              | 32   | 24   | 24  | 0.404                               | 0.4   | 978   | 0.202                             |
| 56+02 TO 57+63                 | 0.013                              | 2  | 2  | 2   | 0.026                               | 0.0   | 63  | 0.013                             |
| 56+02 RT. TO 737+00 RT.        | 0.005                              | 1  | 1  | 1   | 0.010                               | 0.0   | 24  | 0.005                             |
| IL 149                         |                                    |  |  |   |                                     |   |   |                                   |
| 732+77 TO 735+00               | 0.025                              | 4  | 3  | 3   | 0.050                               | 0.1   | 121   | 0.025                             |
| 735+00 RT. TO 56+02 RT.        | 0.016                              | 3  | 2  | 2   | 0.032                               | 0.0   | 77  | 0.016                             |
| TOTALS                         | 0.297                              | 48   | 36   | 36  | 0.594                               | 0.59  | 1437  | 0.297                             |



## PAVEMENT MARKING ( BITUMINOUS SECTION)

| LOCATION<br>STATION TO STATION | POLYUREA PAVEMENT MARKING TYPE II |           |       |               |       |              | LETTERS<br>&<br>SYMBOLS<br><br>( SQ FT) | REMARKS                      |
|--------------------------------|-----------------------------------|-----------|-------|---------------|-------|--------------|---|------------------------------|
|                                | LINE<br>4"<br>( FOOT)             |           |       |               |       |              |   |                              |
|                                | LEFT OF C.L.                      |           |       | RIGHT OF C.L. |       |              |   |                              |
|                                | THROUGH LANE                      | TURN LANE |       | TURN LANE     |       | THROUGH LANE |   |                              |
| WHITE                          | WHITE                             | YELLOW    | WHITE | YELLOW        | WHITE | WHITE        |   |                              |
| IL 37                          |                                   |           |       |               |       |              |   |                              |
| 50+93 TO 52+98                 | 51                                |           |       |               |       | 51           |   | NORTH LEG ( SKIP DASH)       |
| 51+41 TO 52+31                 |                                   |           | 113   |               | 113   |              |   | NORTH LEG ( SOLID/SKIP DASH) |
| 52+31 TO 52+98                 |                                   |           | 134   |               |       |              |   | NORTH LEG ( DOUBLE SOLID)    |
| 51+58                          |                                   |           |       |               |       |              | 8.8                                     | NORTH LEG ( LEFT TURN ARROW) |
| 51+71                          |                                   |           |       |               |       |              | 8.8                                     | NORTH LEG ( LEFT TURN ARROW) |
| 52+88                          |                                   |           |       |               |       |              | 11.8                                    | NORTH LEG ( ONLY)            |
| 52+81 TO 52+98                 |                                   |           |       |               | 17    |              |   | NORTH LEG ( SOLID)           |
| 56+02 TO 58+06                 | 48                                |           |       |               |       |              |   | SOUTH LEG ( SKIP DASH)       |
| 56+02 TO 56+15                 |                                   | 13        |       |               |       |              |   | SOUTH LEG ( SOLID)           |
| 56+02 TO 56+65                 |                                   |           |       |               | 126   |              |   | SOUTH LEG ( DOUBLE SOLID)    |
| 56+02 TO 58+06                 |                                   |           |       |               |       | 48           |   | SOUTH LEG ( SKIP DASH)       |
| 56+08                          |                                   |           |       |               |       |              | 11.8                                    | SOUTH LEG ( ONLY)            |
| 56+65 TO 57+62                 |                                   |           | 121   |               | 121   |              |   | SOUTH LEG ( SOLID/SKIP DASH) |
| 57+30                          |                                   |           |       |               |       |              | 8.8                                     | SOUTH LEG ( LEFT TURN ARROW) |
| 57+43                          |                                   |           |       |               |       |              | 8.8                                     | SOUTH LEG ( LEFT TURN ARROW) |
| IL 149                         |                                   |           |       |               |       |              |   |                              |
| 732+38 TO 734+08               |                                   |           | 213   |               | 213   |              |   | WEST LEG ( SOLID/SKIP DASH)  |
| 732+73 TO 734+58               |                                   |           |       |               |       | 46           |   | WEST LEG ( SKIP DASH)        |
| 732+73 TO 735+00               | 57                                |           |       |               |       |              |   | WEST LEG ( SKIP DASH)        |
| 733+13                         |                                   |           |       |               |       |              | 8.8                                     | WEST LEG ( LEFT TURN ARROW)  |
| 733+26                         |                                   |           |       |               |       |              | 8.8                                     | WEST LEG ( LEFT TURN ARROW)  |
| 734+08 TO 735+00               |                                   |           | 184   |               |       |              |   | WEST LEG ( DOUBLE SOLID)     |
| 734+58 TO 735+00               |                                   |           |       | 42            |       | 42           |   | WEST LEG ( SOLID)            |
| 734+64                         |                                   |           |       |               |       |              | 23.6                                    | WEST LEG ( ONLY x 2)         |
| SUBTOTALS                      | 156                               | 13        | 765   | 59            | 573   | 187          | 100                                     |                              |
| TOTALS                         | 1753                              |           |       |               |       |              | 100                                     |                              |

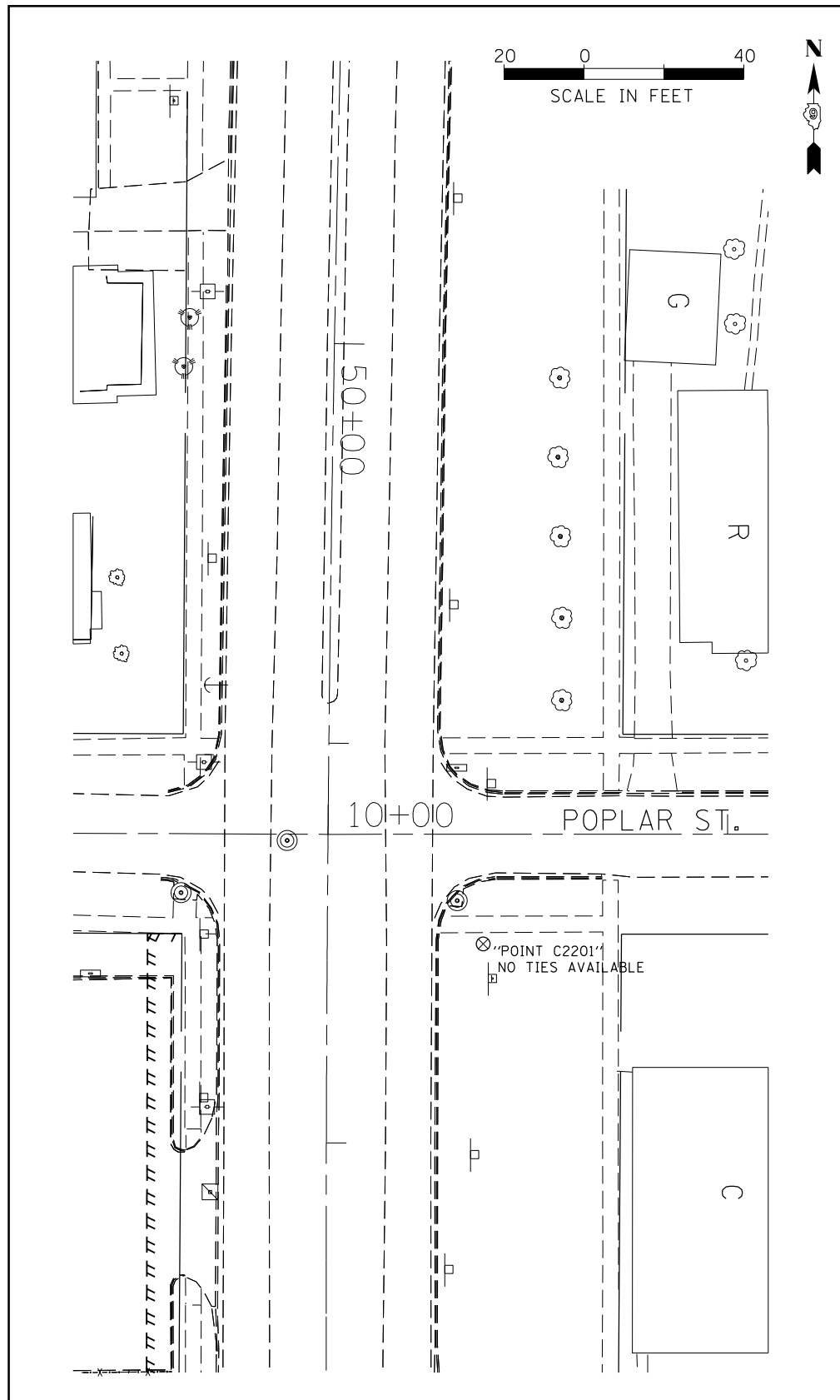


## DETOUR SIGNING

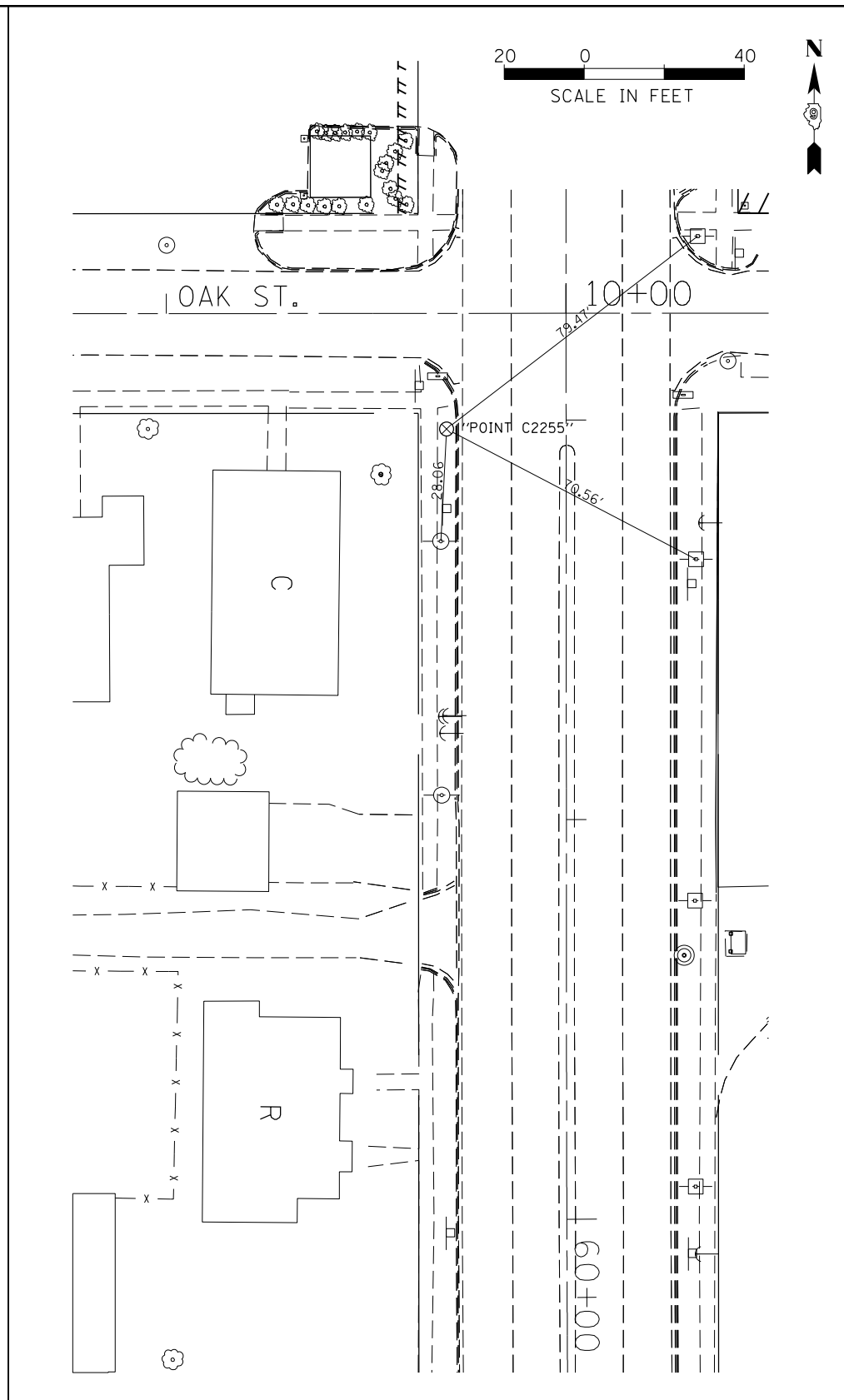
| SIGN ID NO. | DESCRIPTION                                      | SIGN SIZE | AREA PER SIGN<br>( SQ FT) | NUMBER REQUIRED EACH WAY<br>NORTH/SOUTH |   | TOTAL SIGNS REQUIRED | SIGN PANEL TYPE 1<br>( 0-9)<br>( SQ FT) | SIGN PANEL TYPE 2<br>( 9-24)<br>( SQ FT) |
|-------------|--|-----------|---------------------------|---|---|----------------------|---|--|
|             |  |           |                           |   |   |                      |   |  |
| M6-1        | →  | 21" X 15" | 2.188                     | NORTH                                   | 2 | 4                    | 8.75                                    |  |
|             |  |           |                           | SOUTH                                   | 2 |                      |   |  |
| M6-2R       | ↗  | 21" X 15" | 2.188                     | NORTH                                   | 3 | 4                    | 8.75                                    |  |
|             |  |           |                           | SOUTH                                   | 1 |                      |   |  |
| M1-4        | IL ROUTE<br>37                                   | 24" X 24" | 4.000                     | NORTH                                   | 5 | 8                    | 32.00                                   |  |
|             |  |           |                           | SOUTH                                   | 3 |                      |   |  |
| M4-8        | DETOUR   | 12" X 24" | 2.000                     | NORTH                                   | 5 | 8                    | 16.00                                   |  |
|             |  |           |                           | SOUTH                                   | 3 |                      |   |  |
| R11-3A      | ROAD CLOSED 11 MILES AHEAD<br>LOCAL TRAFFIC ONLY | 60" X 30" | 12.500                    | NORTH                                   | 2 | 2                    |   | 25.00                                    |
|             |  |           |                           | SOUTH                                   |   |                      |   |  |
| R11-3A      | ROAD CLOSED 7 MILES AHEAD<br>LOCAL TRAFFIC ONLY  | 60" X 30" | 12.500                    | NORTH                                   |   | 2                    |   | 25.00                                    |
|             |  |           |                           | SOUTH                                   | 2 |                      |   |  |
| R11-3A      | ROAD CLOSED 5 MILES AHEAD<br>LOCAL TRAFFIC ONLY  | 60" X 30" | 12.500                    | NORTH                                   | 1 | 1                    |   | 12.50                                    |
|             |  |           |                           | SOUTH                                   |   |                      |   |  |
| TOTALS      |  |           |                           |   |   |                      | 66                                      | 63                                       |

## ENTRANCE SCHEDULE

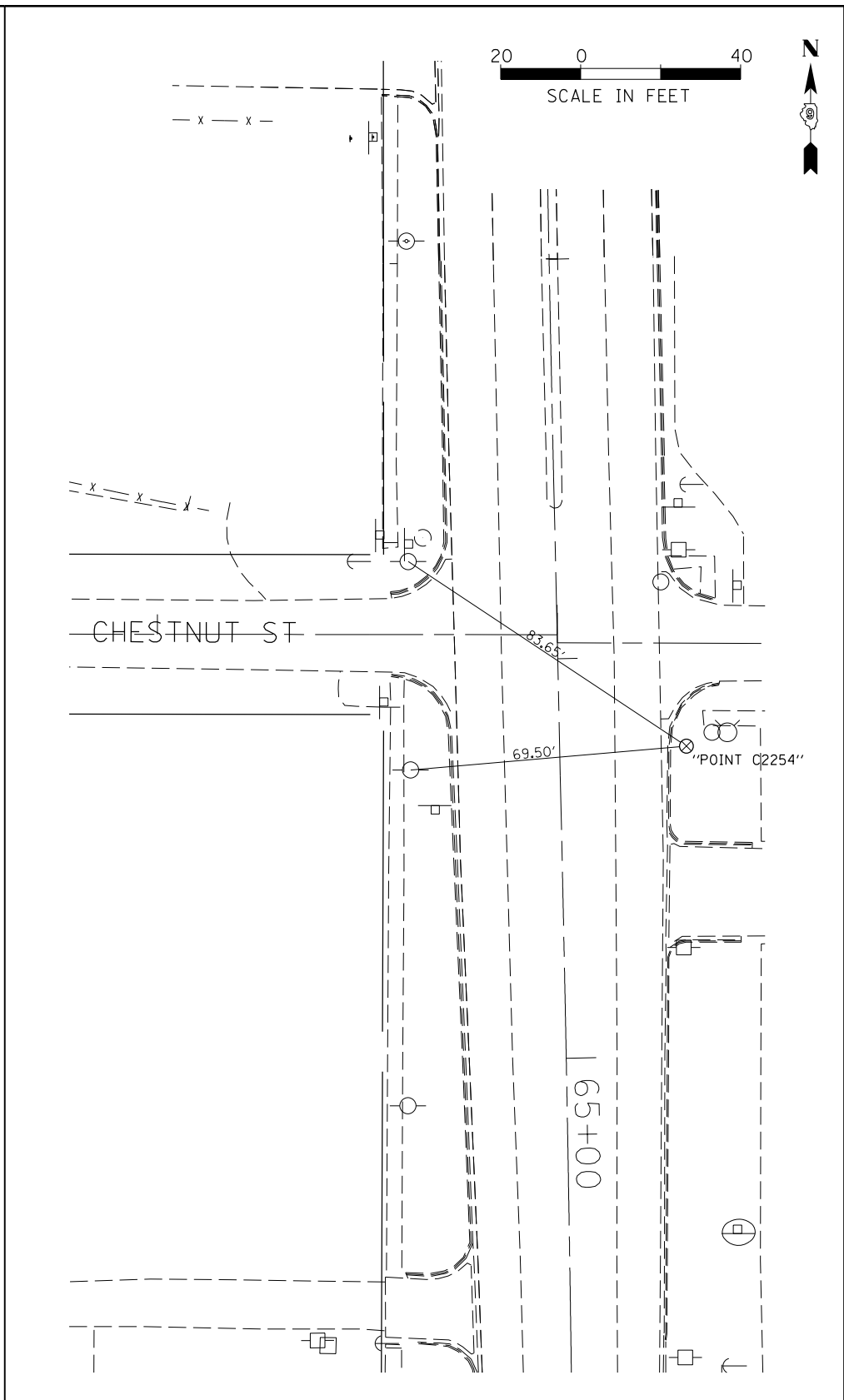
| LOCATION<br>STATION TO STATION | PCC DRIVEWAY PAVEMENT<br>7"<br>( SQ YD) | PCC DRIVEWAY PAVEMENT<br>8"<br>( SQ YD) | PROTECTIVE COAT<br>( SQ YD) | REMARKS             |
|--------------------------------|---|---|-----------------------------|---------------------|
| IL 37                          |   |   |                             |                     |
| 52+17.81 RT.                   | 51                                      |   | 51                          | COMMERCIAL ENTRANCE |
| 52+78.81 LT.                   |   | 43                                      | 43                          | ALLEY               |
| 52+79.97 RT.                   |   | 35                                      | 35                          | ALLEY               |
| 52+88.90 LT. TO 53+03.72 LT.   | 14                                      |   | 14                          |                     |
| 53+23.81 LT.                   | 62                                      |   | 62                          | COMMERCIAL ENTRANCE |
| 53+43.90 LT. TO 737+79.12 LT.  | 96                                      |   | 96                          |                     |
| 55+10.77 LT. TO 55+55.10 LT.   | 68                                      |   | 68                          |                     |
| 55+72.60 LT.                   | 108                                     |   | 108                         | COMMERCIAL ENTRANCE |
| 55+90.10 LT. TO 56+10.10 LT.   | 38                                      |   | 38                          |                     |
| 56+10.10 LT. TO 56+28.29 LT.   |   | 34                                      | 34                          |                     |
| 56+18.66 LT.                   |   | 29                                      | 29                          | ALLEY               |
| 56+28.29 LT. TO 57+48.29 LT.   | 133                                     |   | 133                         |                     |
| 56+62.62 LT.                   | 37                                      |   | 37                          | COMMERCIAL ENTRANCE |
| 57+12.12 RT.                   | 28                                      |   | 28                          | COMMERCIAL ENTRANCE |
| 57+16.66 LT.                   | 38                                      |   | 38                          | COMMERCIAL ENTRANCE |
| IL 149                         |   |   |                             |                     |
| 733+23.26 LT.                  | 30                                      |   | 30                          | COMMERCIAL ENTRANCE |
| 733+46.24 RT. TO 733+55.99 RT. | 5                                       |   | 5                           |                     |
| 733+66.00 RT.                  | 40                                      |   | 40                          | COMMERCIAL ENTRANCE |
| 733+75.99 RT. TO 733+97.95 RT. | 23                                      |   | 23                          |                     |
| 734+17.11 RT.                  | 23                                      |   | 23                          | COMMERCIAL ENTRANCE |
| 734+56.91 LT.                  | 11                                      |   | 11                          | COMMERCIAL ENTRANCE |
| 737+49.50 LT.                  | 40                                      |   | 40                          | COMMERCIAL ENTRANCE |
|                                | 845                                     | 141                                     | 986                         |                     |



"POINT C2201"  
 N 449,165.7110 E 811,616.0287  
 STA. 51+49.98, 39.0343 LT. (IL 37)  
 ELEVATION=397.5547



"POINT C2255"  
 N 448,513.6803 E 811,547.1984  
 STA. 58+02.24, 29.8962 RT. (IL 37)  
 ELEVATION=404.7800



"POINT C2254"  
 N 447,894.1225 E 811,615.0025  
 STA. 64+22.58, 31.7082 LT. (IL 37)  
 ELEVATION=406.4750

|   |                             |            |           |
|---|-----------------------------|------------|-----------|
| FILE NAME =   | USER NAME = \$USER*         | DESIGNED - | REVISED - |
| et:\pw\work\p\idot\puffer\00\10293206\78288-sh\p\pr.dgn |                             | DRAWN -    | REVISED - |
|   | PLOT SCALE = 40.0000' / in. | CHECKED -  | REVISED - |
|   | PLOT DATE = 3/22/2013       | DATE -     | REVISED - |

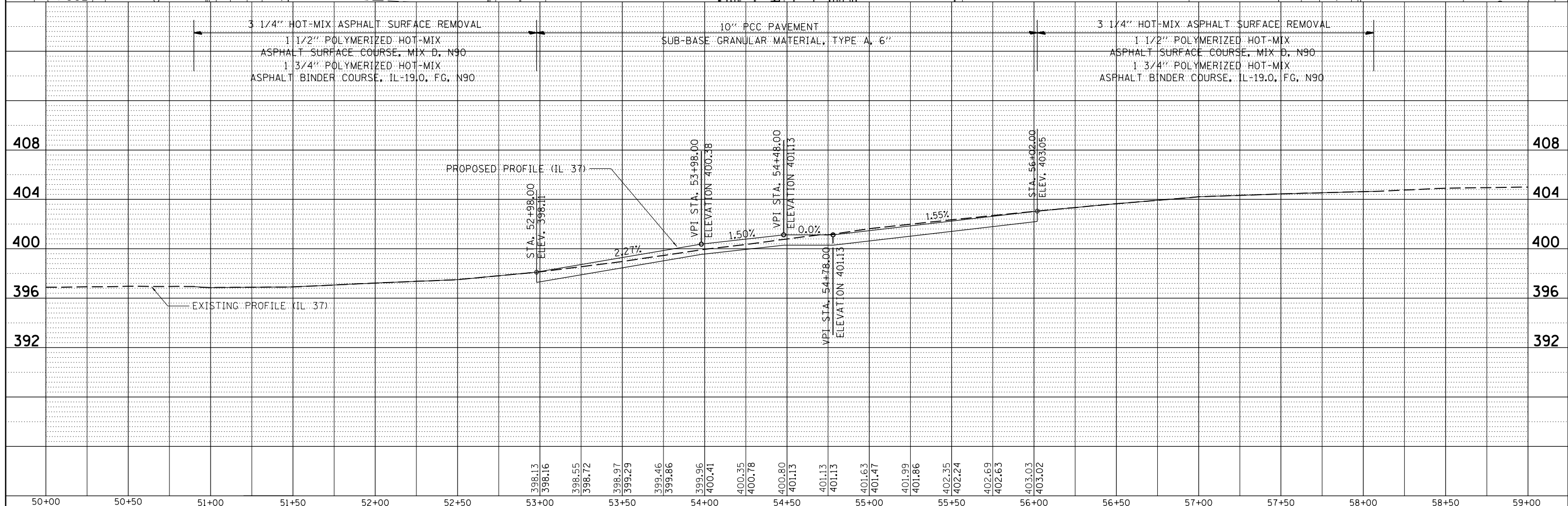
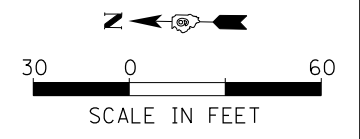
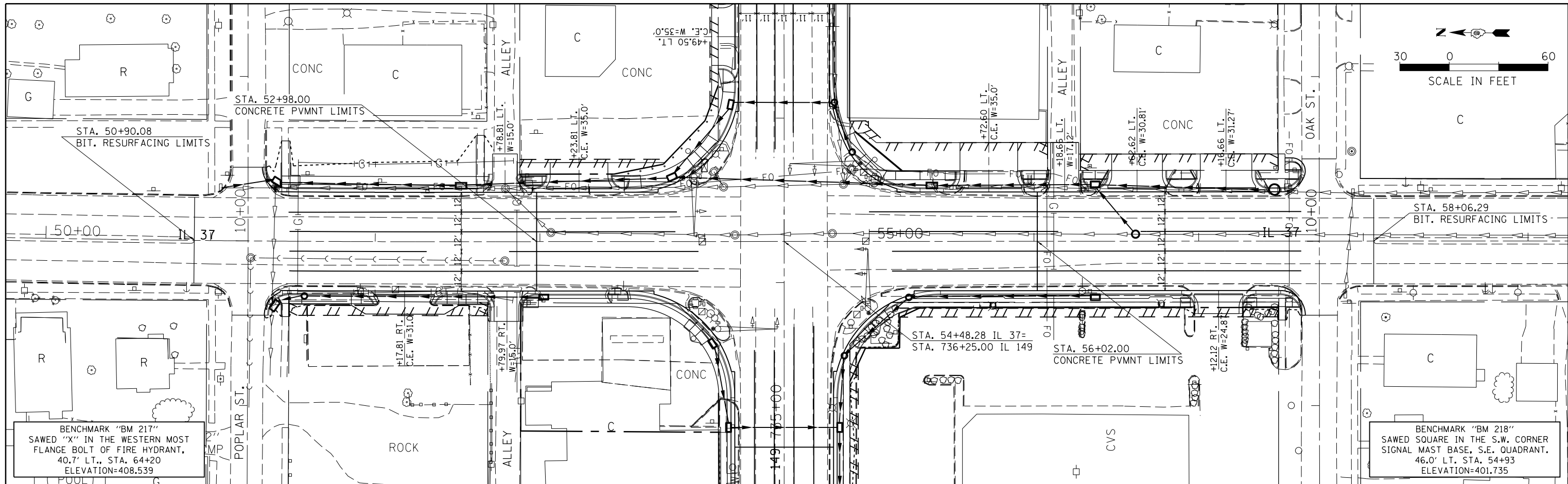
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

| TIE POINTS |           |           |      |         |
|------------|-----------|-----------|------|---------|
| SCALE:     | SHEET NO. | OF SHEETS | STA. | TO STA. |

|                    |          |          |                           |           |
|--------------------|----------|----------|---------------------------|-----------|
| F.A.U. RTE.        | SECTION  | COUNTY   | TOTAL SHEETS              | SHEET NO. |
| 9481               | 12(IN-1) | FRANKLIN | 94                        | 22        |
| CONTRACT NO. 78288 |          |          | ILLINOIS FED. AID PROJECT |           |

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

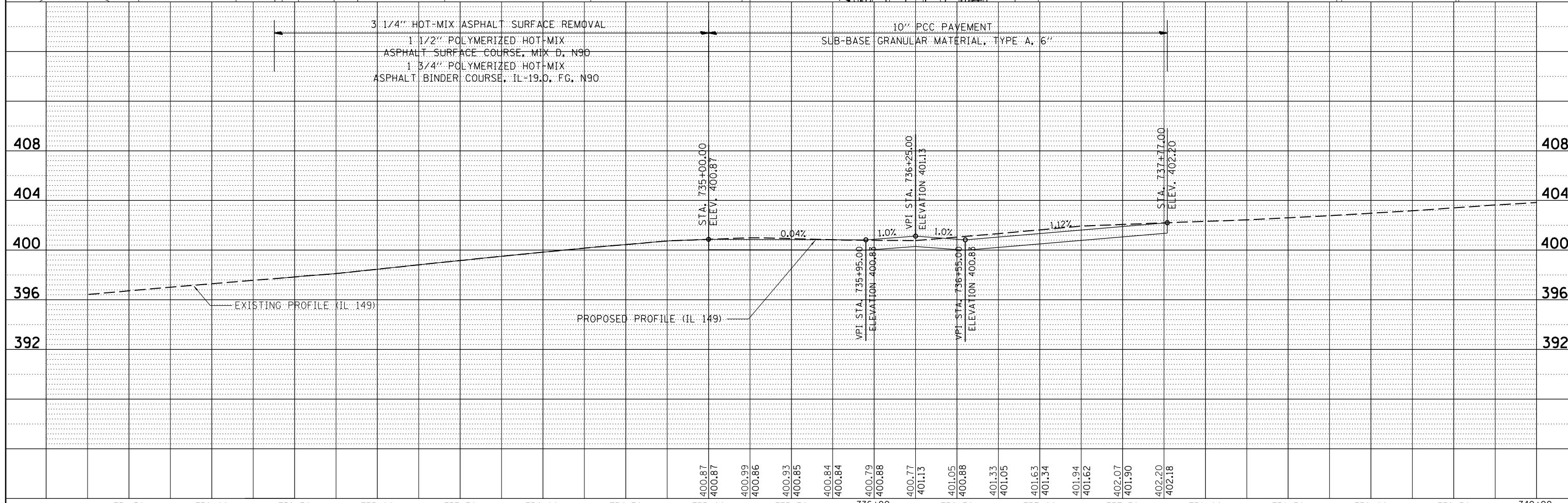
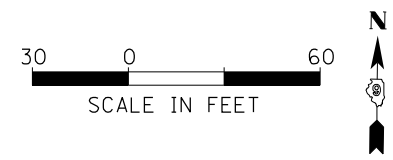
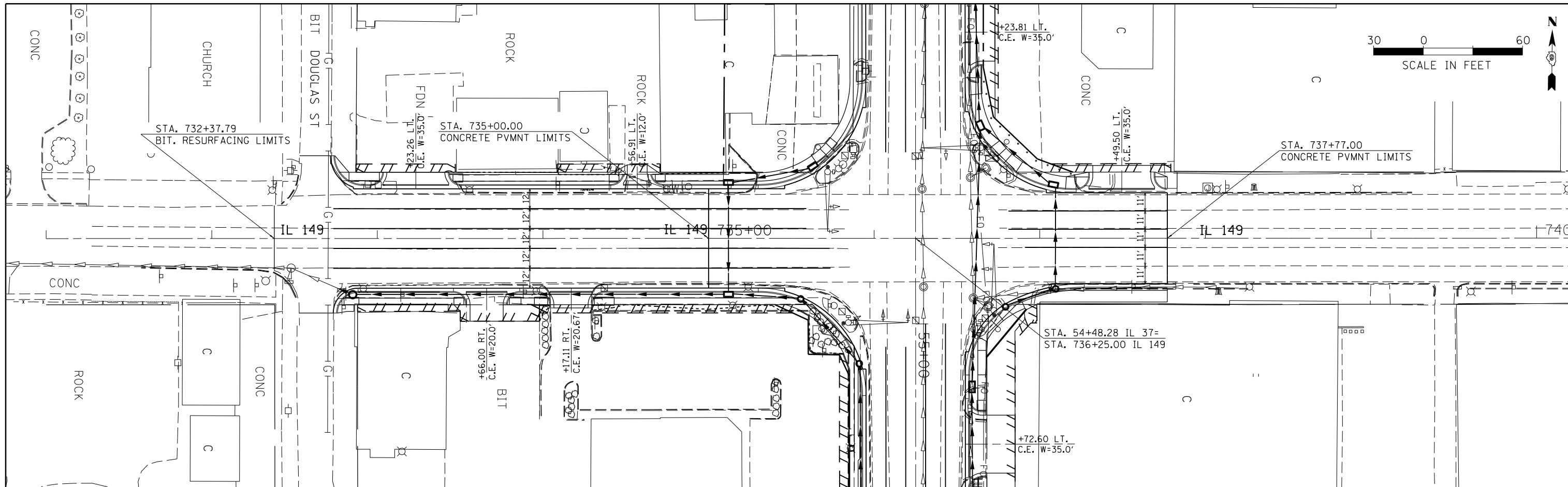
|         |           |    |      |
|---------|-----------|----|------|
| PROFILE | SURVEYED  | BY | DATE |
|         | PLOTTED   |    |      |
|         | GRADES    |    |      |
|         | CHECKED   |    |      |
|         | STRUCTURE |    |      |
|         | NOTATIONS |    |      |
|         | CPAD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



|   |                      |            |           |   |                           |   |         |          |              |           |
|---|----------------------|------------|-----------|---|---------------------------|---|---------|----------|--------------|-----------|
| FILE NAME =   | USER NAME = \$USER\$ | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>PLAN-PROFILE IL 37</b> | F.A.U. RTE.                                   | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO. |
| c:\pwork\pwork\puff\er00\d0293206\78288-shht-plpr.dgn |                      | DRAWN -    | REVISED - |   |                           | 9481  | 12(N-1) | FRANKLIN | 94           | 23        |
| PLOT SCALE = 60.0000' / in.                           |                      | CHECKED -  | REVISED - |   |                           | CONTRACT NO. 78288                            |         |          |              |           |
| PLOT DATE = 3/22/2013                                 |                      | DATE -     | REVISED - |   |                           | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |         |          |              |           |

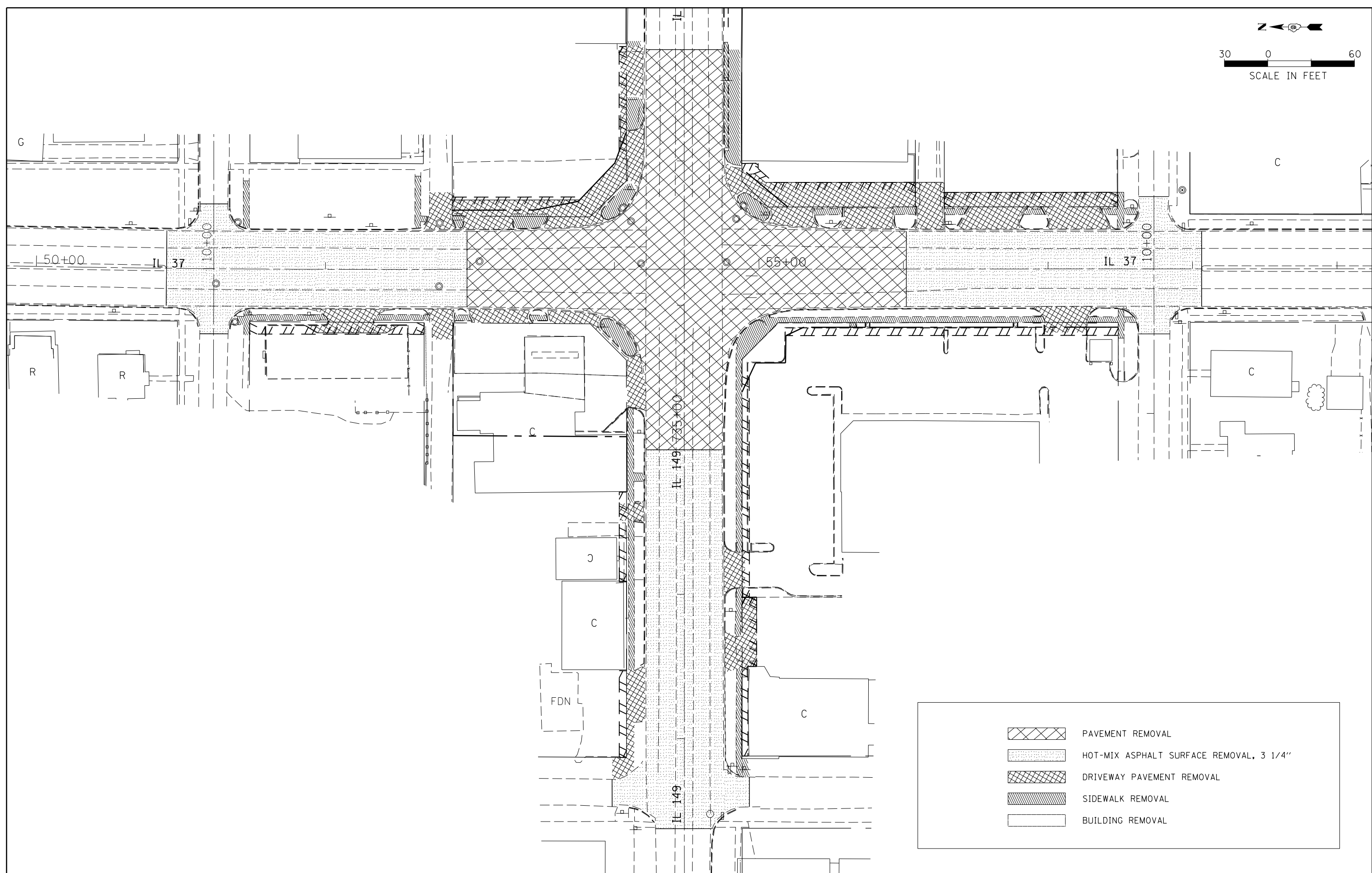
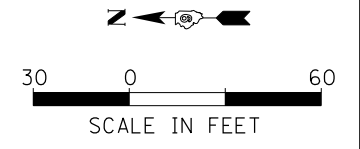
|      |           |      |
|------|-----------|------|
| PLAN | SURVEYED  | DATE |
|      | PLOTTED   | BY   |
|      | ALIGNED   |      |
|      | CHECKED   |      |
|      | DESIGNED  |      |
|      | FILE NAME |      |
|      | NO.       |      |

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



|  |                      |            |            |   |                            |   |         |          |              |           |
|--|----------------------|------------|------------|---|----------------------------|---|---------|----------|--------------|-----------|
| FILE NAME =  | USER NAME = \$USER\$ | DESIGNED - | REVISIED - | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>PLAN-PROFILE IL 149</b> | F.A.U. R.E.                                   | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO. |
| c:\pwork\pwork\puff\feroo\d0293206\78288\shht-plpr.dgn |                      | DRAWN -    | REVISIED - |   |                            | 9481  | 12(N-1) | FRANKLIN | 94           | 24        |
| PLOT SCALE = 60.0000' / in.                            |                      | CHECKED -  | REVISIED - |   |                            | CONTRACT NO. 78288                            |         |          |              |           |
| PLOT DATE = 3/22/2013                                  |                      | DATE -     | REVISIED - |   |                            | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |         |          |              |           |





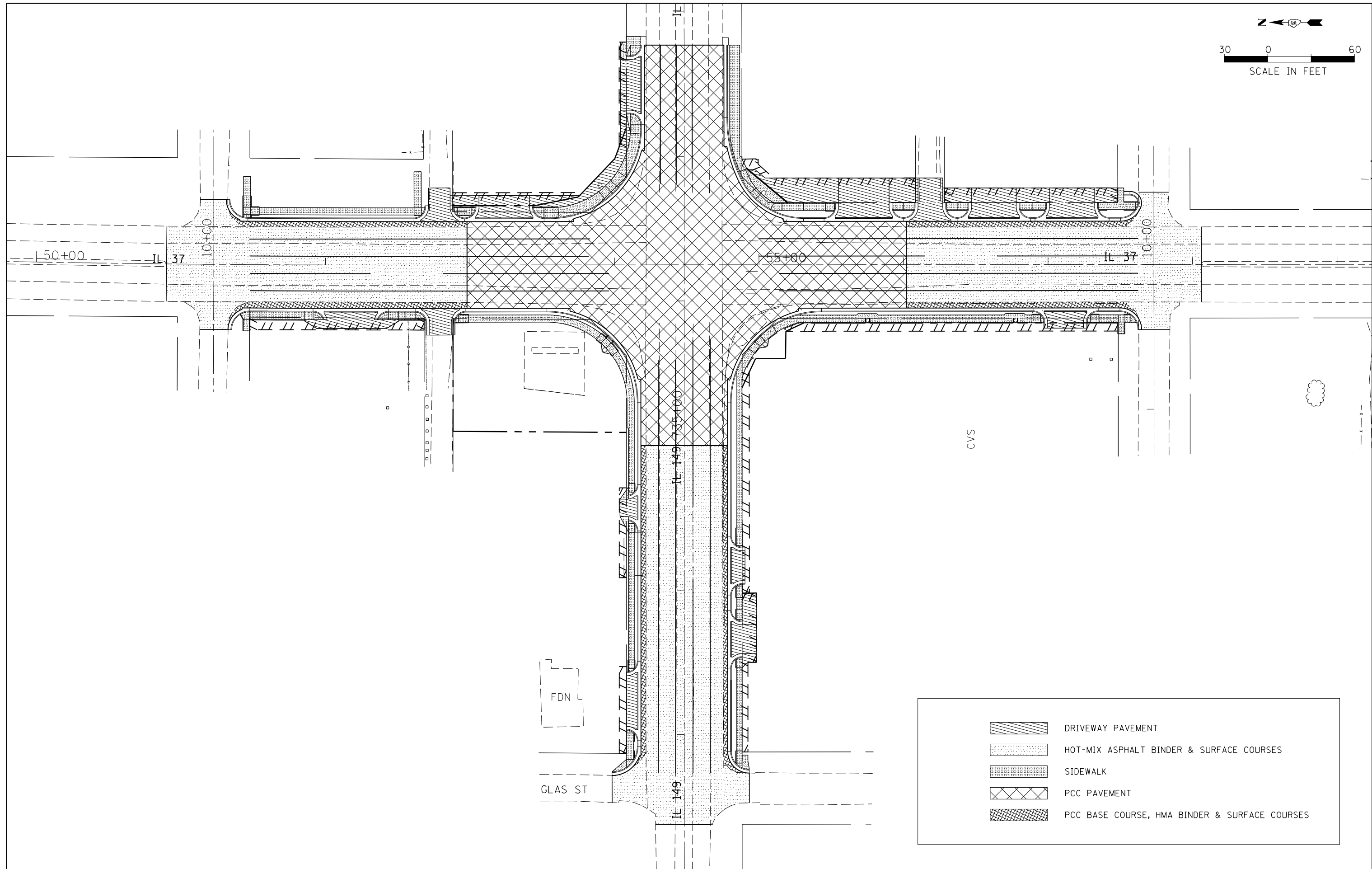
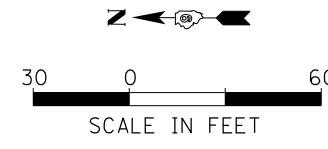
|  |   |
|--|---|
|  | PAVEMENT REMOVAL                        |
|  | HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4" |
|  | DRIVEWAY PAVEMENT REMOVAL               |
|  | SIDEWALK REMOVAL                        |
|  | BUILDING REMOVAL                        |

|  |                             |            |           |
|--|-----------------------------|------------|-----------|
| FILE NAME =  | USER NAME = \$USER\$        | DESIGNED - | REVISED - |
| et:\pw\work\p\id\puffer\ad0293206\78288-sh1-plpr.dgn |                             | DRAWN -    | REVISED - |
| Default  | PLOT SCALE = 60.0000' / in. | CHECKED -  | REVISED - |
|  | PLOT DATE = 3/22/2013       | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

|                      |       |    |        |              |
|----------------------|-------|----|--------|--------------|
| <b>REMOVAL SHEET</b> |       |    |        |              |
| SCALE:               | SHEET | OF | SHEETS | STA. TO STA. |

|                           |         |          |                    |           |
|---------------------------|---------|----------|--------------------|-----------|
| F.A.U. RTE.               | SECTION | COUNTY   | TOTAL SHEETS       | SHEET NO. |
| 9481                      | 12(N-1) | FRANKLIN | 94                 | 25        |
|                           |         |          | CONTRACT NO. 78288 |           |
| ILLINOIS FED. AID PROJECT |         |          |                    |           |



|  |   |
|--|---|
|  | DRIVEWAY PAVEMENT                             |
|  | HOT-MIX ASPHALT BINDER & SURFACE COURSES      |
|  | SIDEWALK                                      |
|  | PCC PAVEMENT                                  |
|  | PCC BASE COURSE, HMA BINDER & SURFACE COURSES |

|  |                             |            |           |
|--|-----------------------------|------------|-----------|
| FILE NAME =  | USER NAME = \$USER*         | DESIGNED - | REVISED - |
| ct:\pw\work\p\idot\puffer\ad0293206\78288-sh1-plpr.dgn |                             | DRAWN -    | REVISED - |
| Default  | PLOT SCALE = 60.0000' / in. | CHECKED -  | REVISED - |
|  | PLOT DATE = 3/22/2013       | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION SHEET**

SCALE: SHEET OF SHEETS STA. TO STA.

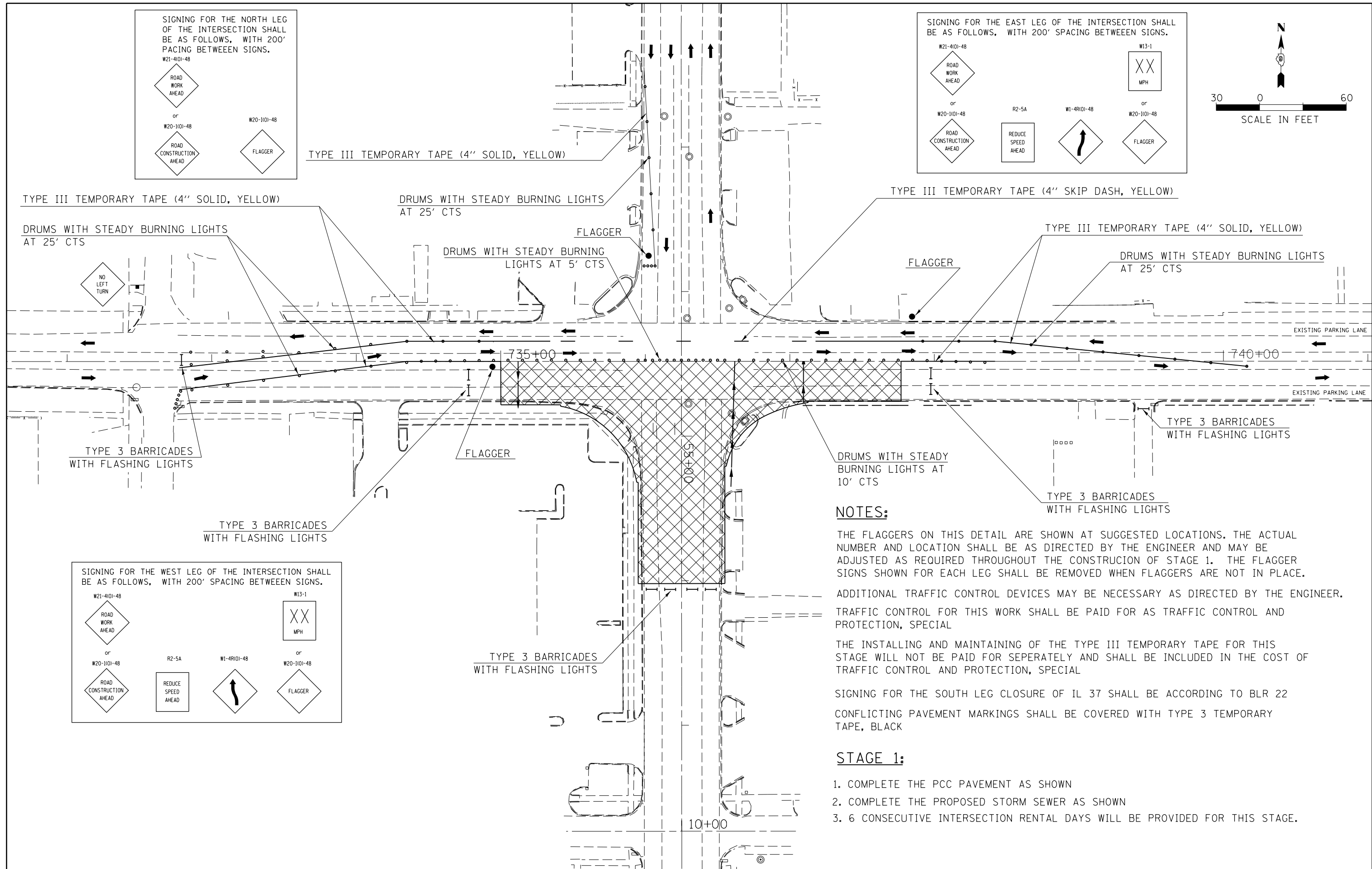
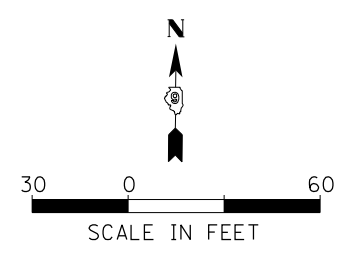
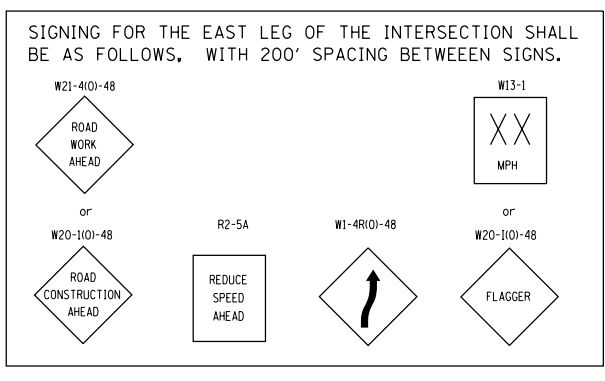
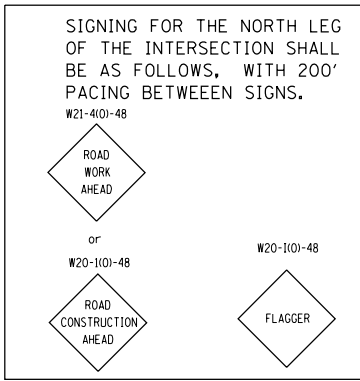
|                    |         |          |                           |           |
|--------------------|---------|----------|---------------------------|-----------|
| F.A.U. RTE.        | SECTION | COUNTY   | TOTAL SHEETS              | SHEET NO. |
| 9481               | 12(N-1) | FRANKLIN | 94                        | 26        |
| CONTRACT NO. 78288 |         |          | ILLINOIS FED. AID PROJECT |           |

**DROP-OFF PROTECTION BETWEEN TRAVEL LANE  
AND SHOULDER / EDGE OF PAVEMENT  
FIG 55.2B FROM CHAPTER 55 (BDE MANUAL, 2010)**

| DROP-OFF LOCATION   | NORMAL POSTED SPEED  | DROP-OFF HEIGHT (X) AND TYPE                                      | TREATMENT REQUIRED                           |
|---|----------------------|---|--|
| ≤ 3 FT <sup>(1)(2)</sup>                                  | ALL                  | ≤ 1 IN  | NONE   |
|   |                      | 1 IN < X ≤ 3 IN   | LOW SHOULDER SIGNS (2 MILE SPACING)          |
|   | < 45 MPH             | 3 IN < X ≤ 18 IN  | PLACE CHANNELIZING DEVICES AT 50-FT SPACING  |
|   | ≥ 45 MPH             | 3 IN < X ≤ 12 IN  | PLACE CHANNELIZING DEVICES AT 100-FT SPACING |
|   | < 45 MPH             | 18 IN < X ≤ 24 IN<br>FOR < 0.5 MILE OR < 48 HOURS <sup>(4)</sup>  | PLACE CHANNELIZING DEVICES AT 50-FT SPACING  |
|   | ≥ 45 MPH             | 12 IN < X ≤ 18 IN<br>FOR < 0.5 MILE OR < 48 HOURS                 | PLACE CHANNELIZING DEVICES AT 100-FT SPACING |
|   | ≥ 45 MPH             | 12 IN < X ≤ 24 IN<br>FOR > 0.5 MILE OR > 48 HOURS                 | CLOSURE USING TEMPORARY TRAFFIC BARRIER      |
|   | < 45 MPH             | 18 IN < X ≤ 24 IN <sup>(5)</sup>                                  | CLOSURE USING TEMPORARY TRAFFIC BARRIER      |
|   | ≥ 45 MPH             | 18 IN < X ≤ 24 IN FOR < 0.5<br>MILES OR < 48 HOURS <sup>(5)</sup> | CLOSURE USING TEMPORARY TRAFFIC BARRIER      |
|   | ALL                  | > 24 IN <sup>(5)</sup>  | CLOSURE USING TEMPORARY TRAFFIC BARRIER      |
| 3 FT < X ≤ 8 FT <sup>(3)</sup>                            | ALL                  | ≤ 1 IN  | NONE   |
|   |                      | 1 IN < X ≤ 3 IN   | LOW SHOULDER SIGNS (2 MILE SPACING)          |
|   | < 45 MPH             | 3 IN < X ≤ 24 IN <sup>(4)</sup>                                   | PLACE CHANNELIZING DEVICES AT 50-FT SPACING  |
|   | ≥ 45 MPH             | 3 IN < X ≤ 24 IN  | PLACE CHANNELIZING DEVICES AT 100-FT SPACING |
| ALL   | 24 IN <sup>(5)</sup> | CLOSURE USING TEMPORARY TRAFFIC BARRIER                           |  |
| > 8 FOOT TO THE<br>WORK ZONE CLEAR<br>ZONE <sup>(1)</sup> | < 45 MPH             | 12 IN < X ≤ 24 IN <sup>(4)</sup>                                  | PLACE CHANNELIZING DEVICES AT 50-FT SPACING  |
|   | ≥ 45 MPH             | 12 IN < X ≤ 24 IN   | PLACE CHANNELIZING DEVICES AT 100-FT SPACING |
|   | ALL                  | > 24 IN <sup>(5)</sup>  | CLOSURE USING TEMPORARY TRAFFIC BARRIER      |

**NOTES:**

- <sup>(1)</sup> PLACE CHANNELIZING DEVICES AND/OR TEMPORARY BARRIER AT THE SAME LEVEL AS THE TRAVELING LANE OR SHOULDER PROFILE
- <sup>(2)</sup> CHANNELIZING DEVICES MAY BE PLACED AT THE DROP-OFF ELEVATION TO PRESERVE LANE WIDTH. RAISE THE REFLECTIVE AREA AND WARNING LIGHT (IF REQUIRED) TO THE ELEVATION ABOVE THE TRAVELING LANE OR SHOULDER PROFILE AS PER **HIGHWAY STANDARD 701901**.
- <sup>(3)</sup> PLACE CHANNELIZING DEVICES OR TEMPORARY BARRIER AT SAME LEVEL AS THE SIDE SLOPE PROFILE TO BE FULLY VISIBLE.
- <sup>(4)</sup> LENGTH AND DURATION MAY BE EXCEEDED FOR URBAN AREAS WHEN ENGINEERING JUDGEMENT INDICATES SIGHT DISTANCE WILL BE ADVERSELY AFFECTED BY TEMPORARY BARRIER.
- <sup>(5)</sup> TEMPORARY TRAFFIC BARRIER MAY BE ELIMINATED FOR STATIONARY OPERATIONS OF LESS THAN 24 HOURS FOR MULTILANE, AND MAY BE ELIMINATED FOR STATIONARY OPERATIONS OF LESS THAN 96 HOURS PER STAGE FOR TWO LANES, BASED ON ENGINEERING JUDGEMENT.



**NOTES:**

THE FLAGGERS ON THIS DETAIL ARE SHOWN AT SUGGESTED LOCATIONS. THE ACTUAL NUMBER AND LOCATION SHALL BE AS DIRECTED BY THE ENGINEER AND MAY BE ADJUSTED AS REQUIRED THROUGHOUT THE CONSTRUCTION OF STAGE 1. THE FLAGGER SIGNS SHOWN FOR EACH LEG SHALL BE REMOVED WHEN FLAGGERS ARE NOT IN PLACE.

ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE NECESSARY AS DIRECTED BY THE ENGINEER.

TRAFFIC CONTROL FOR THIS WORK SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, SPECIAL

THE INSTALLING AND MAINTAINING OF THE TYPE III TEMPORARY TAPE FOR THIS STAGE WILL NOT BE PAID FOR SEPERATELY AND SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, SPECIAL

SIGNING FOR THE SOUTH LEG CLOSURE OF IL 37 SHALL BE ACCORDING TO BLR 22

CONFLICTING PAVEMENT MARKINGS SHALL BE COVERED WITH TYPE 3 TEMPORARY TAPE, BLACK

- STAGE 1:**
1. COMPLETE THE PCC PAVEMENT AS SHOWN
  2. COMPLETE THE PROPOSED STORM SEWER AS SHOWN
  3. 6 CONSECUTIVE INTERSECTION RENTAL DAYS WILL BE PROVIDED FOR THIS STAGE.

|  |                       |            |           |   |                |                           |         |          |              |           |  |
|--|-----------------------|------------|-----------|---|----------------|---------------------------|---------|----------|--------------|-----------|--|
| FILE NAME =  | USER NAME = \$USER\$  | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>STAGE 1</b> | F.A.U. RTE.               | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO. |  |
| et:\pw\work\p\id\puff\ee\ad293206\78288-sh1-plpr.dgn |                       | DRAWN -    | REVISED - |   |                | 9481                      | 12(N-1) | FRANKLIN | 94           | 28        |  |
| \$MODELNAME\$  |                       | CHECKED -  | REVISED - |   |                | <b>CONTRACT NO. 78288</b> |         |          |              |           |  |
|  | PLOT DATE = 3/22/2013 | DATE -     | REVISED - |   |                | ILLINOIS FED. AID PROJECT |         |          |              |           |  |

**NOTES:**

THE FLAGGERS ON THIS DETAIL ARE SHOWN AT SUGGESTED LOCATIONS. THE ACTUAL NUMBER AND LOCATION SHALL BE AS DIRECTED BY THE ENGINEER AND MAY BE ADJUSTED AS REQUIRED THROUGHOUT THE CONSTRUCTION OF STAGE 2. THE FLAGGER SIGNS SHOWN FOR EACH LEG SHALL BE REMOVED WHEN FLAGGERS ARE NOT IN PLACE.

ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE NECESSARY AS DIRECTED BY THE ENGINEER.

TRAFFIC CONTROL FOR THIS WORK SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, SPECIAL

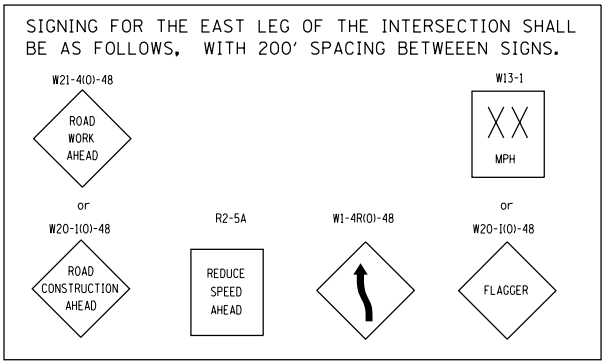
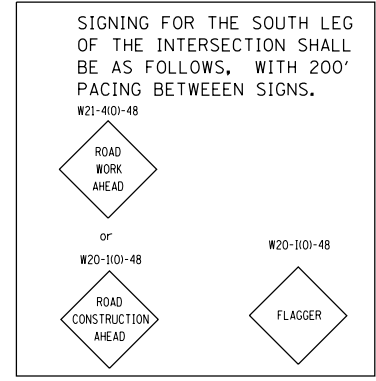
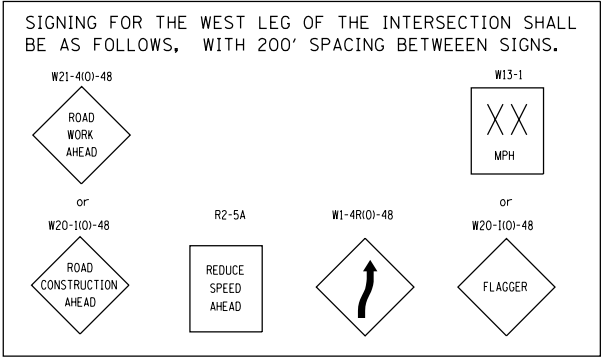
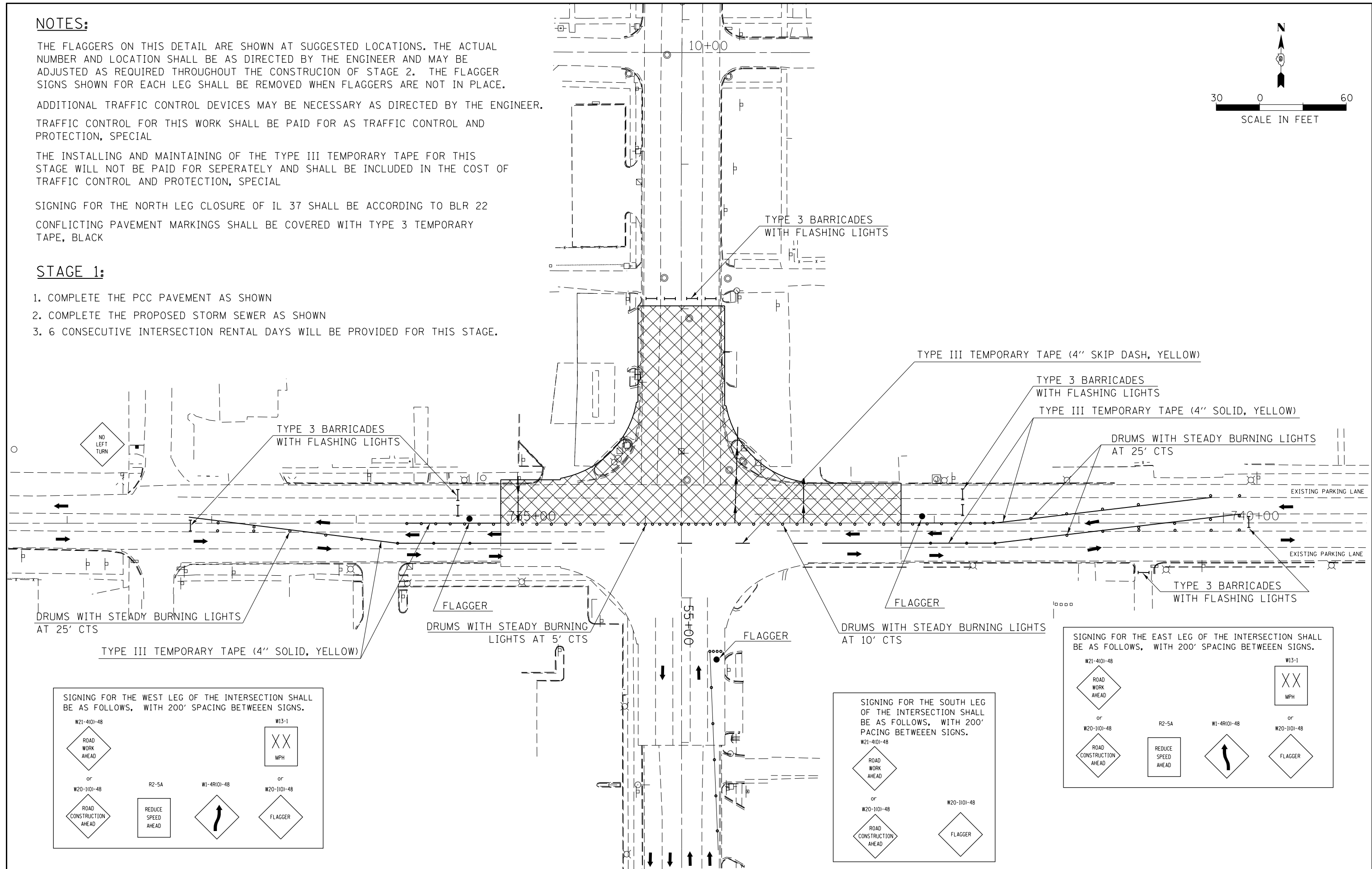
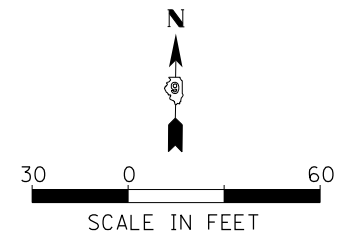
THE INSTALLING AND MAINTAINING OF THE TYPE III TEMPORARY TAPE FOR THIS STAGE WILL NOT BE PAID FOR SEPERATELY AND SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, SPECIAL

SIGNING FOR THE NORTH LEG CLOSURE OF IL 37 SHALL BE ACCORDING TO BLR 22

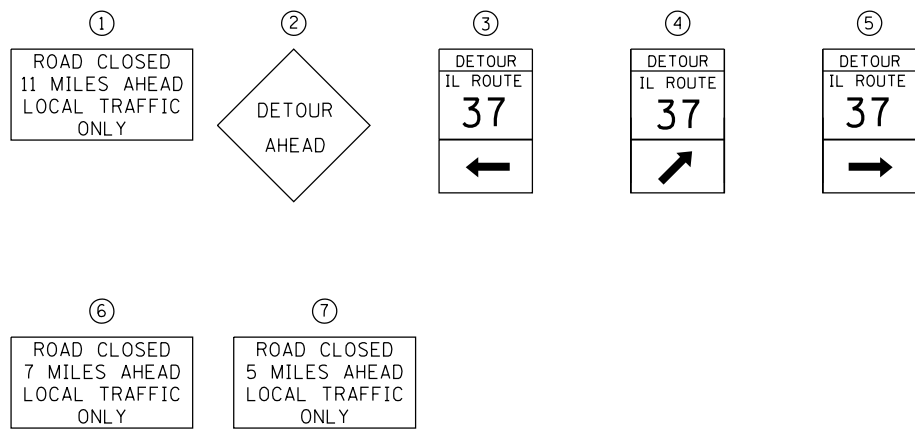
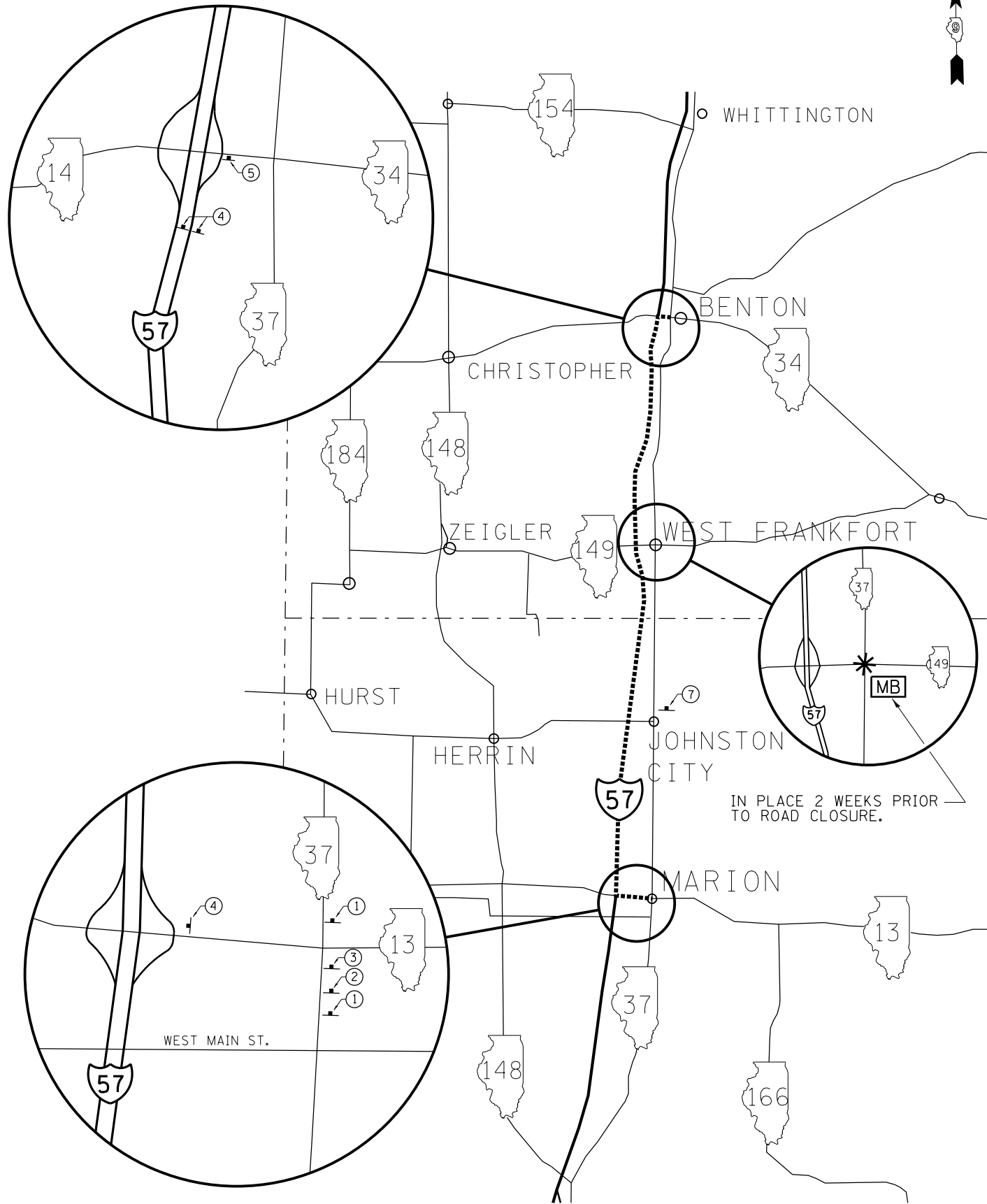
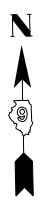
CONFLICTING PAVEMENT MARKINGS SHALL BE COVERED WITH TYPE 3 TEMPORARY TAPE, BLACK

**STAGE 1:**

1. COMPLETE THE PCC PAVEMENT AS SHOWN
2. COMPLETE THE PROPOSED STORM SEWER AS SHOWN
3. 6 CONSECUTIVE INTERSECTION RENTAL DAYS WILL BE PROVIDED FOR THIS STAGE.



|   |                             |            |           |   |                           |         |          |    |             |         |        |              |           |
|---|-----------------------------|------------|-----------|---|---------------------------|---------|----------|----|-------------|---------|--------|--------------|-----------|
| FILE NAME =   | USER NAME = \$USER\$        | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>STAGE 2</b>            |         |          |    | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| et:\pw\work\p\midot\puffer\aa\10293206\78288-sh1-plpr.dgn |                             | DRAWN -    | REVISED - |   | 9481                      | 12(N-1) | FRANKLIN | 94 | 29          |         |        |              |           |
| \$MODELNAME\$   | PLOT SCALE = 60.0000' / in. | CHECKED -  | REVISED - |   | CONTRACT NO. 78288        |         |          |    |             |         |        |              |           |
|   | PLOT DATE = 3/22/2013       | DATE -     | REVISED - |   | ILLINOIS FED. AID PROJECT |         |          |    |             |         |        |              |           |



\* PLACE SIGNING FOR IL 37 ROAD CLOSURE ACCORDING TO BLR-22

MB MESSAGE BOARD

..... DETOUR ROUTE

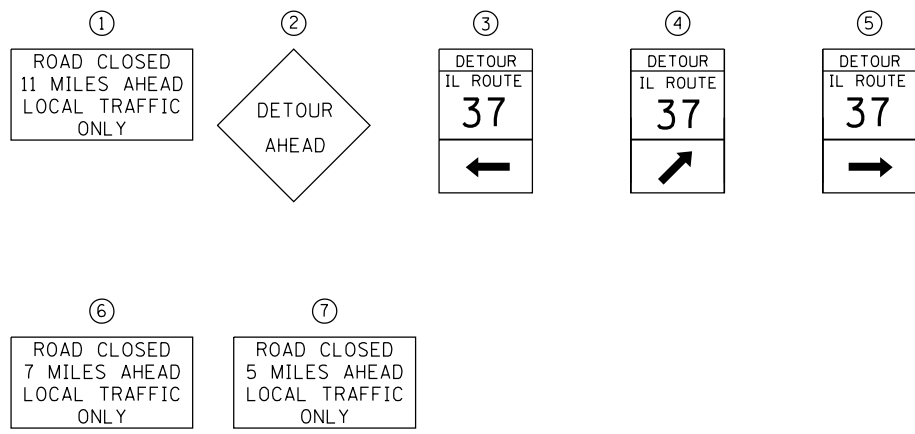
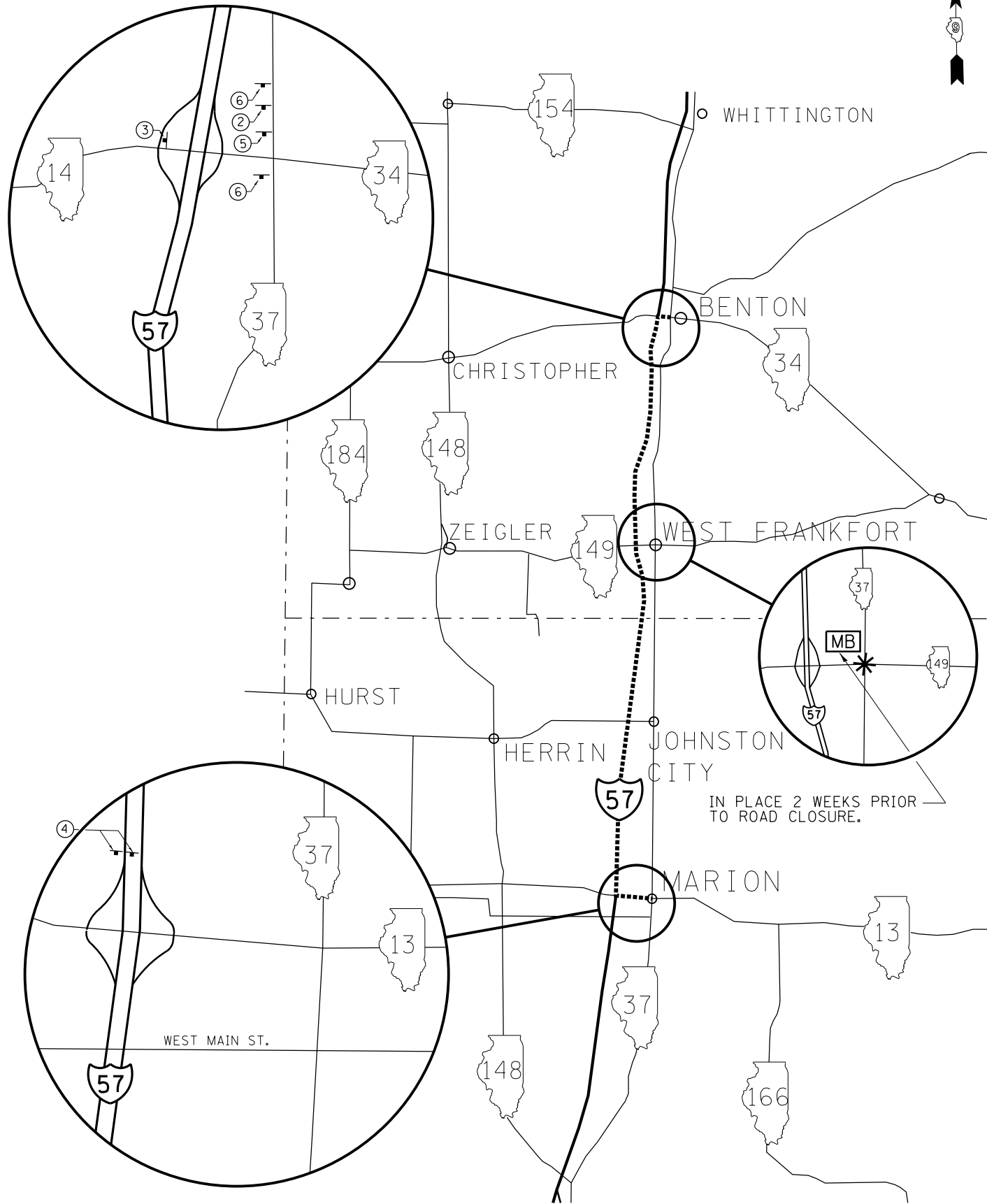
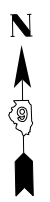
|  |                             |            |           |
|--|-----------------------------|------------|-----------|
| FILE NAME =  | USER NAME = \$USER\$        | DESIGNED - | REVISED - |
| et:\pw\work\p\idot\puffere\ad293206\78288-sh1-plan.dgn |                             | DRAWN -    | REVISED - |
|  | PLOT SCALE = 20.0000' / in. | CHECKED -  | REVISED - |
|  | PLOT DATE = 3/22/2013       | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**NORTHBOUND DETOUR (IL 37)**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

| F.A.U. RTE.        | SECTION | COUNTY   | TOTAL SHEETS              | SHEET NO. |
|--------------------|---------|----------|---------------------------|-----------|
| 9481               | 12(N-1) | FRANKLIN | 94                        | 30        |
| CONTRACT NO. 78288 |         |          | ILLINOIS FED. AID PROJECT |           |



\* PLACE SIGNING FOR IL 37 ROAD CLOSURE ACCORDING TO BLR-22

MB MESSAGE BOARD

..... DETOUR ROUTE

|  |                             |            |           |
|--|-----------------------------|------------|-----------|
| FILE NAME =  | USER NAME = \$USER\$        | DESIGNED - | REVISED - |
| ct:\pw\work\p\idot\puffere\ad293206\78288-sh1-plan.dgn |                             | DRAWN -    | REVISED - |
|  | PLOT SCALE = 20.0000' / in. | CHECKED -  | REVISED - |
|  | PLOT DATE = 3/22/2013       | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

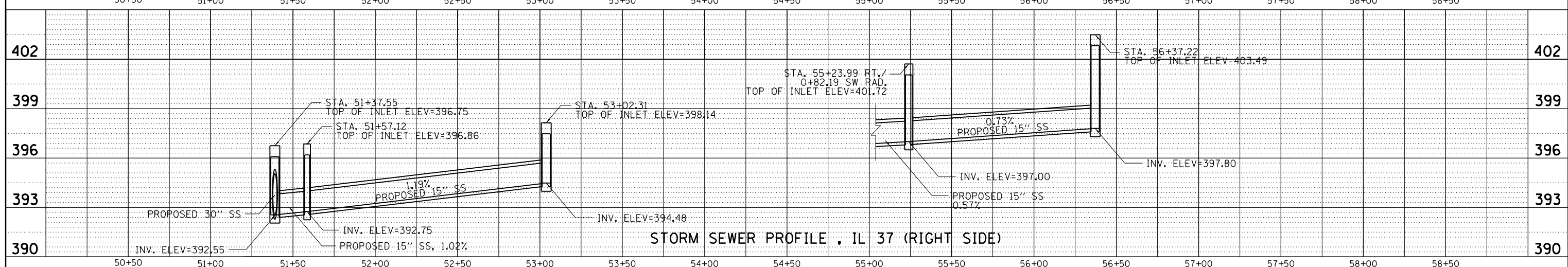
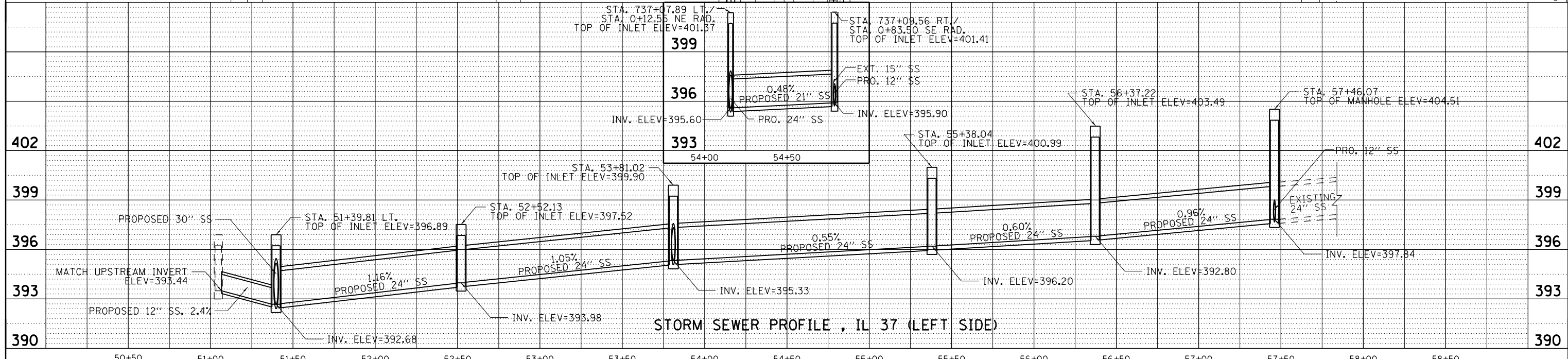
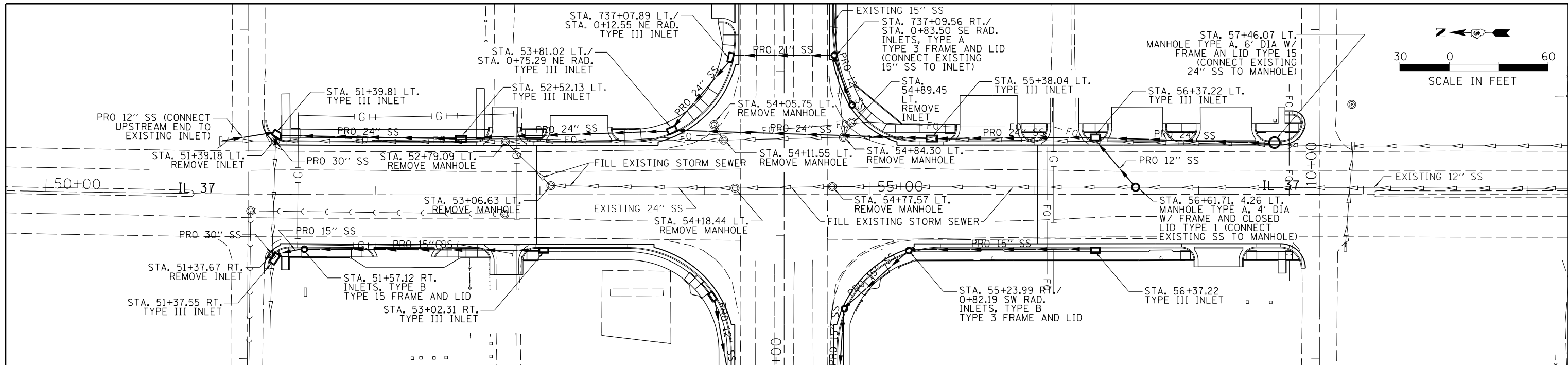
**SOUTHBOUND DETOUR (IL 37)**

|        |           |    |        |      |    |      |
|--------|-----------|----|--------|------|----|------|
| SCALE: | SHEET NO. | OF | SHEETS | STA. | TO | STA. |
|--------|-----------|----|--------|------|----|------|

| F.A.U. RTE.        | SECTION | COUNTY   | TOTAL SHEETS              | SHEET NO. |
|--------------------|---------|----------|---------------------------|-----------|
| 9481               | 12(N-1) | FRANKLIN | 94                        | 31        |
| CONTRACT NO. 78288 |         |          | ILLINOIS FED. AID PROJECT |           |

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

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

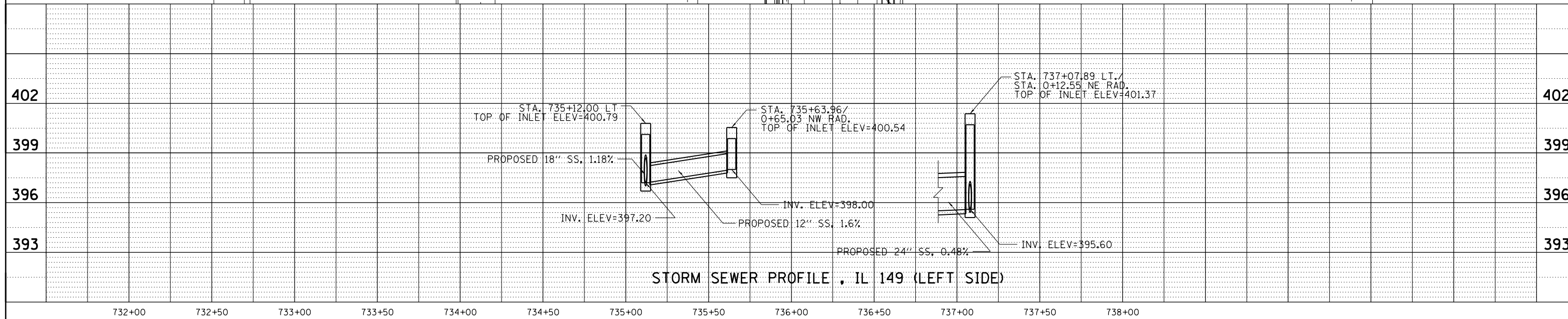
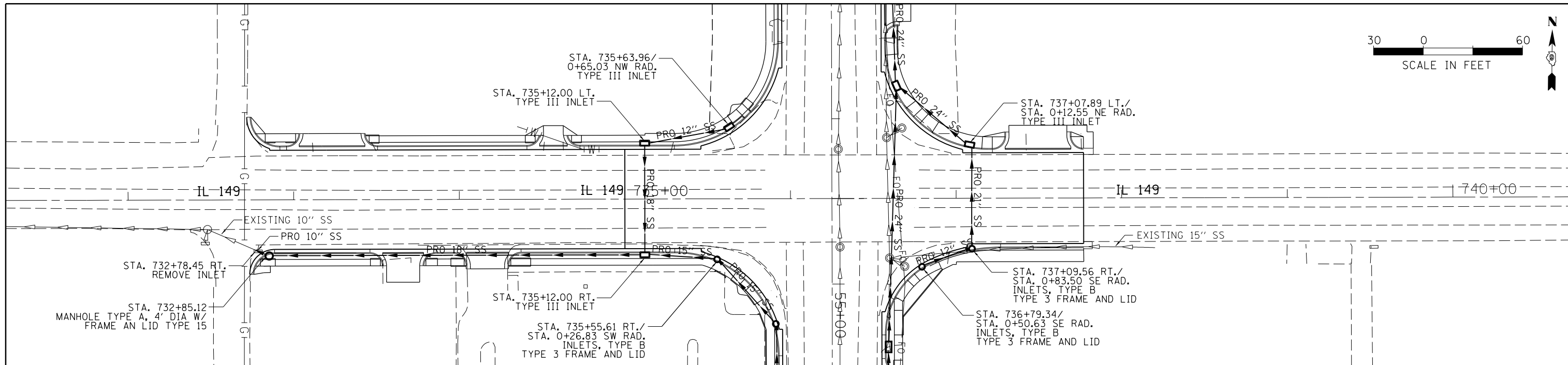




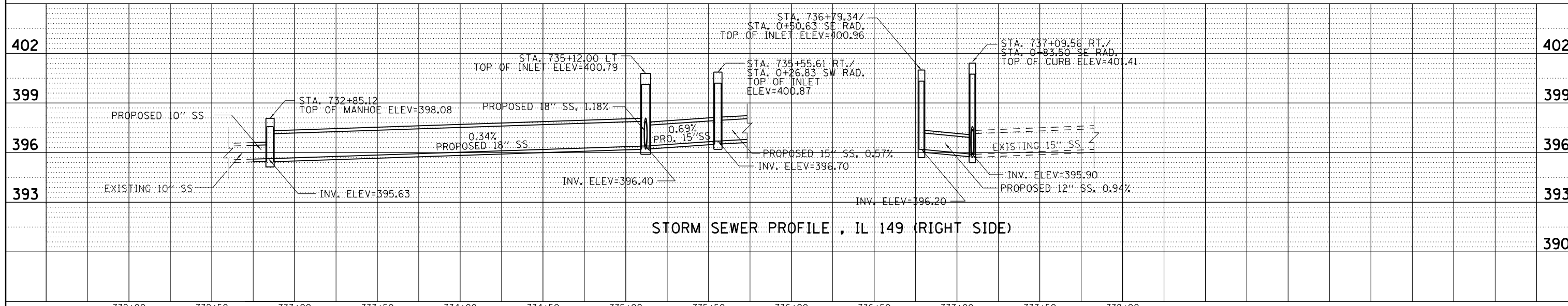


|      |                             |      |
|------|-----------------------------|------|
| PLAN | SURVEYED                    | DATE |
|      | PLOTTED                     |      |
|      | GRADES CHECKED              |      |
|      | STRUCTURE NOTATIONS CHECKED |      |
|      | NOTE BOOK NO.  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

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



STORM SEWER PROFILE , IL 149 (LEFT SIDE)



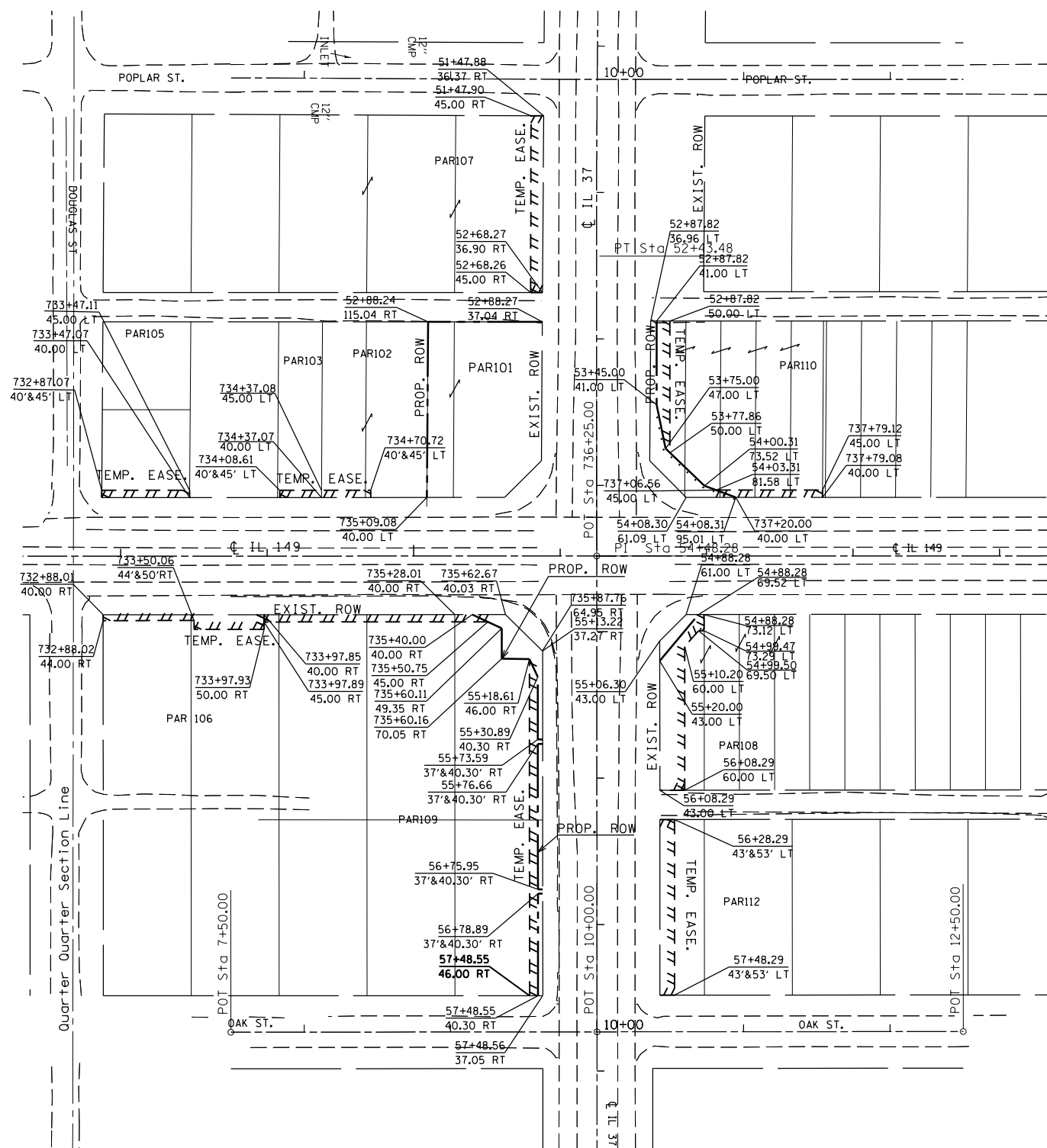
STORM SEWER PROFILE , IL 149 (RIGHT SIDE)

|   |                     |            |           |   |   |         |          |             |         |        |              |           |
|---|---------------------|------------|-----------|---|---|---------|----------|-------------|---------|--------|--------------|-----------|
| FILE NAME =   | USER NAME = \$USER* | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>STORM SEWER PROFILE IL 149</b>             |         |          | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| c:\pwork\pwork\puff\er00\d0293206\78288-shht-plpr.dgn |                     | DRAWN -    | REVISED - |   | 9481  | 12(N-1) | FRANKLIN | 94          | 33      |        |              |           |
| PLOT SCALE = 60.0000' / in.                           |                     | CHECKED -  | REVISED - |   | CONTRACT NO. 78288                            |         |          |             |         |        |              |           |
| PLOT DATE = 3/22/2013                                 |                     | DATE -     | REVISED - |   | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |         |          |             |         |        |              |           |

NE Quarter, SE Quarter

Section 24

T. 7 S., R. 2 E., 3rd P.M.



| PARCEL | NAME                         | PURPOSE            | ACREAGE      |
|--------|------------------------------|--------------------|--------------|
| 101    | TERRY PODSCHWEIT             | ROW                | TOTAL TAKE   |
| 102    | FRANK CHORNAK                | TEMP. EASE.        | .004         |
| 103    | RYAN RIDGEWAY                | TEMP. EASE.        | .003         |
| 105    | SOUTHERN ILLINOIS LAND TRUST | TEMP. EASE.        | .007         |
| 106    | RANDY RAUBACH                | TEMP. EASE.        | .017         |
| 107    | DIRTBUSTER CAR WASH          | TEMP. EASE.        | .023         |
| 108    | SAM MITCHELL                 | TEMP. EASE.<br>ROW | .040<br>.008 |
| 109    | CVS PHARMACY                 | TEMP. EASE.<br>ROW | .046<br>.032 |
| 110    | STEVE LAZORCHAK              | TEMP. EASE.<br>ROW | .024<br>.026 |
| 112    | JOHN BOWMAN TRUST            | TEMP. EASE.        | .028         |

| COORDINATES |   |           |   |           |
|-------------|---|-----------|---|-----------|
| PT JH1      | N | 448802.70 | E | 811539.64 |
| PT JT1      | N | 449027.65 | E | 811539.72 |
| PT JT2      | N | 449027.63 | E | 811461.71 |
| PT JT3      | N | 448907.63 | E | 811460.93 |
| PT JT6      | N | 448827.64 | E | 811491.87 |
| PT JT8      | N | 448818.29 | E | 811511.99 |
| PT JT9      | N | 448797.59 | E | 811512.04 |
| PT JT10     | N | 448797.30 | E | 811530.91 |
| PT JT11     | N | 448785.03 | E | 811536.62 |
| PT JT12     | N | 448567.36 | E | 811536.76 |
| PT JT13     | N | 448822.60 | E | 811349.77 |
| PT JT14     | N | 448827.60 | E | 811349.72 |
| PT JT15     | N | 448823.57 | E | 811239.89 |
| PT JT16     | N | 448827.57 | E | 811239.89 |
| PT JT17     | N | 449168.34 | E | 811532.01 |
| PT JT19     | N | 449047.65 | E | 811531.74 |
| PT JT20     | N | 449047.65 | E | 811539.85 |
| PT JT21     | N | 449168.30 | E | 811540.64 |
| PT JT22     | N | 448970.97 | E | 811617.79 |
| PT JT23     | N | 449028.15 | E | 811617.76 |
| PT JT24     | N | 448940.97 | E | 811623.81 |
| PT JT25     | N | 449028.15 | E | 811613.72 |
| PT JT27     | N | 448907.68 | E | 811637.93 |
| PT JT28     | N | 448907.69 | E | 811671.85 |
| PT JT29     | N | 448915.68 | E | 811650.35 |
| PT JT30     | N | 448912.69 | E | 811658.41 |
| PT JT31     | N | 448912.71 | E | 811730.96 |
| PT JT32     | N | 448907.72 | E | 811730.93 |
| PT JT33     | N | 448822.64 | E | 811502.63 |
| PT JT34     | N | 448827.64 | E | 811479.89 |
| PT JT35     | N | 448795.97 | E | 811619.91 |
| PT JT36     | N | 448827.68 | E | 811646.39 |
| PT JT37     | N | 448827.68 | E | 811637.89 |
| PT JT38     | N | 448809.68 | E | 811619.90 |
| PT JT39     | N | 448805.78 | E | 811636.90 |
| PT JT40     | N | 448707.70 | E | 811636.97 |
| PT JT41     | N | 448707.68 | E | 811619.97 |
| PT JT42     | N | 448687.68 | E | 811619.98 |
| PT JT43     | N | 448687.69 | E | 811629.98 |
| PT JT44     | N | 448567.69 | E | 811630.06 |
| PT JT45     | N | 448567.68 | E | 811620.06 |
| PT JT46     | N | 448816.49 | E | 811646.39 |
| PT JT47     | N | 448817.60 | E | 811349.81 |
| PT JT48     | N | 448912.60 | E | 811388.93 |
| PT JT49     | N | 448907.61 | E | 811388.92 |
| PT JT50     | N | 448912.57 | E | 811238.92 |
| PT JT51     | N | 448907.57 | E | 811238.92 |
| PT JT52     | N | 448907.58 | E | 811298.92 |
| PT JT53     | N | 448912.58 | E | 811298.95 |
| PT JT54     | N | 448907.60 | E | 811360.46 |
| PT JT55     | N | 448912.60 | E | 811360.46 |
| PT JT56     | N | 448912.62 | E | 811422.57 |
| PT JT57     | N | 448907.62 | E | 811422.57 |
| PT JT58     | N | 448817.58 | E | 811301.93 |
| PT JT59     | N | 448823.58 | E | 811301.93 |
| PT JT60     | N | 448938.11 | E | 811626.82 |
| PT JT61     | N | 449028.16 | E | 811626.76 |
| PT JT66     | N | 448742.32 | E | 811536.64 |
| PT JT67     | N | 448742.32 | E | 811539.94 |
| PT JT68     | N | 448739.26 | E | 811539.95 |
| PT JT69     | N | 448739.26 | E | 811536.65 |
| PT JT70     | N | 448567.36 | E | 811531.06 |
| PT JT71     | N | 448639.97 | E | 811536.71 |
| PT JT72     | N | 448639.97 | E | 811540.01 |
| PT JT73     | N | 448637.02 | E | 811540.01 |
| PT JT74     | N | 448637.02 | E | 811536.71 |
| PT JT149    | N | 448816.52 | E | 811650.19 |
| PT JT150    | N | 448827.71 | E | 811650.00 |
| PT REBAR7   | N | 448827.61 | E | 811514.54 |
| PT REBAR8   | N | 448567.36 | E | 811540.01 |



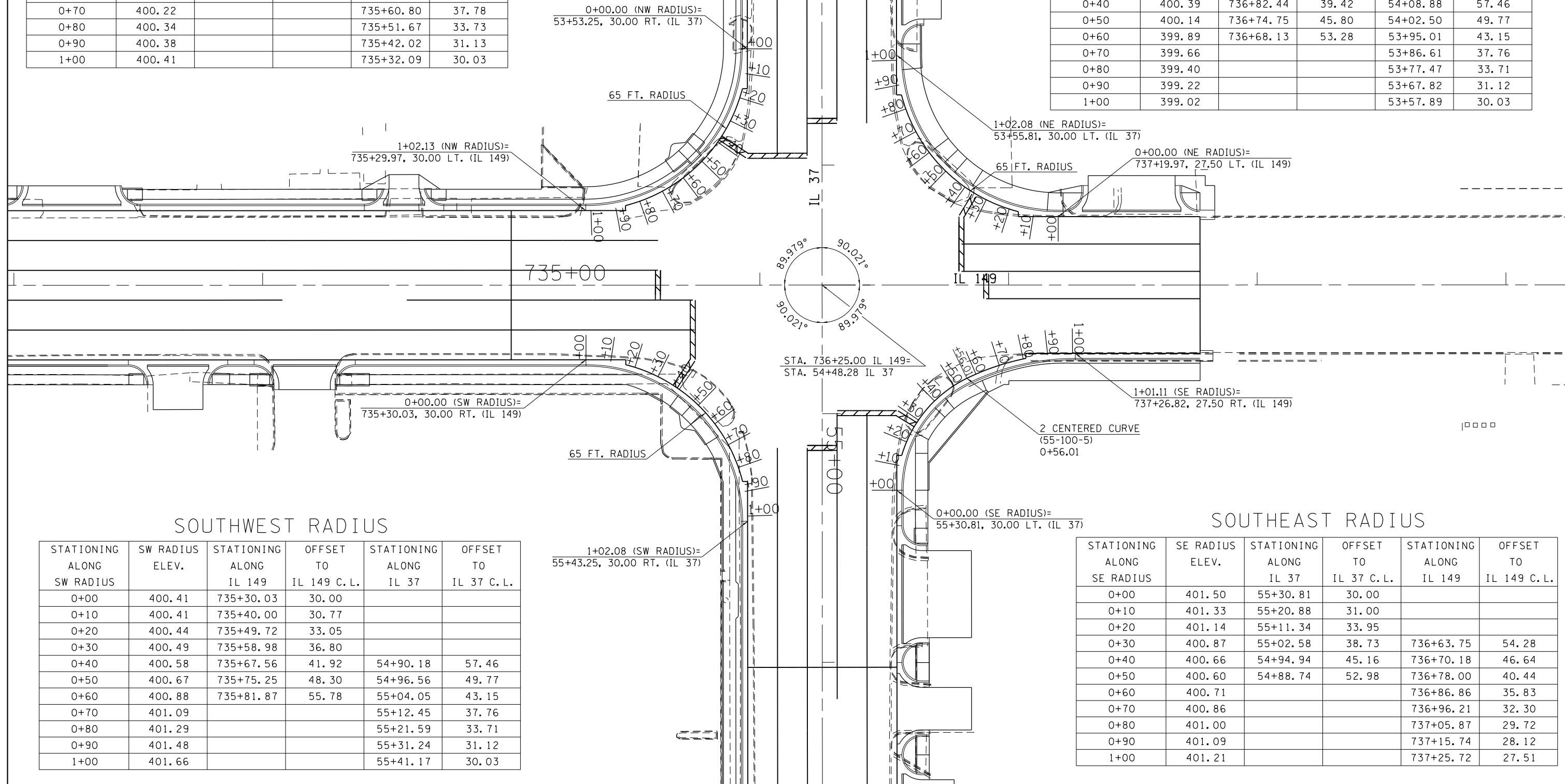
|  |                              |            |           |   |                           |         |             |              |   |         |          |              |           |
|--|------------------------------|------------|-----------|---|---------------------------|---------|-------------|--------------|---|---------|----------|--------------|-----------|
| FILE NAME =  | USER NAME = \$USER\$         | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>RIGHT OF WAY SHEET</b> |         |             |              | F.A.U. RTE.                                     | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO. |
| c:\pw\work\p\dtd\puffera\10293206\78288-sh-1-row.dgn | DRAWN -                      | REVISED -  | REVISED - |   |                           |         |             |              | 9481  | 12(N-1) | FRANKLIN | 94           | 34        |
| \$MODELNAME\$  | PLOT SCALE = 100.0000' / in. | CHECKED -  | REVISED - |   | SCALE: 100                | SHEET 1 | OF 1 SHEETS | STA. TO STA. | ILLINOIS FED. AID PROJECT<br>CONTRACT NO. 78288 |         |          |              |           |
|  | PLOT DATE = 3/22/2013        | DATE -     | REVISED - |   |                           |         |             |              |   |         |          |              |           |

NORTHWEST RADIUS

| STATIONING ALONG NW RADIUS | NW RADIUS ELEV. | STATIONING ALONG IL 37 | OFFSET TO IL 37 C.L. | STATIONING ALONG IL 149 | OFFSET TO IL 149 C.L. |
|----------------------------|-----------------|------------------------|----------------------|-------------------------|-----------------------|
| 0+00                       | 398.91          | 53+53.25               | 30.00                |                         |                       |
| 0+10                       | 399.13          | 53+63.21               | 30.77                |                         |                       |
| 0+20                       | 399.31          | 53+72.93               | 33.05                |                         |                       |
| 0+30                       | 399.51          | 53+82.19               | 36.80                |                         |                       |
| 0+40                       | 399.70          | 53+90.77               | 41.92                | 735+83.05               | 41.92                 |
| 0+50                       | 399.88          | 53+98.46               | 48.30                | 735+76.68               | 49.80                 |
| 0+60                       | 400.09          | 54+05.08               | 55.78                | 735+69.20               | 43.18                 |
| 0+70                       | 400.22          |                        |                      | 735+60.80               | 37.78                 |
| 0+80                       | 400.34          |                        |                      | 735+51.67               | 33.73                 |
| 0+90                       | 400.38          |                        |                      | 735+42.02               | 31.13                 |
| 1+00                       | 400.41          |                        |                      | 735+32.09               | 30.03                 |

NORTHEAST RADIUS

| STATIONING ALONG NE RADIUS | NE RADIUS ELEV. | STATIONING ALONG IL 149 | OFFSET TO IL 149 C.L. | STATIONING ALONG IL 37 | OFFSET TO IL 37 C.L. |
|----------------------------|-----------------|-------------------------|-----------------------|------------------------|----------------------|
| 0+00                       | 401.15          | 737+19.97               | 27.50                 |                        |                      |
| 0+10                       | 401.03          | 737+10.01               | 28.27                 |                        |                      |
| 0+20                       | 400.88          | 737+00.28               | 30.55                 |                        |                      |
| 0+30                       | 400.63          | 736+91.02               | 34.30                 |                        |                      |
| 0+40                       | 400.39          | 736+82.44               | 39.42                 | 54+08.88               | 57.46                |
| 0+50                       | 400.14          | 736+74.75               | 45.80                 | 54+02.50               | 49.77                |
| 0+60                       | 399.89          | 736+68.13               | 53.28                 | 53+95.01               | 43.15                |
| 0+70                       | 399.66          |                         |                       | 53+86.61               | 37.76                |
| 0+80                       | 399.40          |                         |                       | 53+77.47               | 33.71                |
| 0+90                       | 399.22          |                         |                       | 53+67.82               | 31.12                |
| 1+00                       | 399.02          |                         |                       | 53+57.89               | 30.03                |

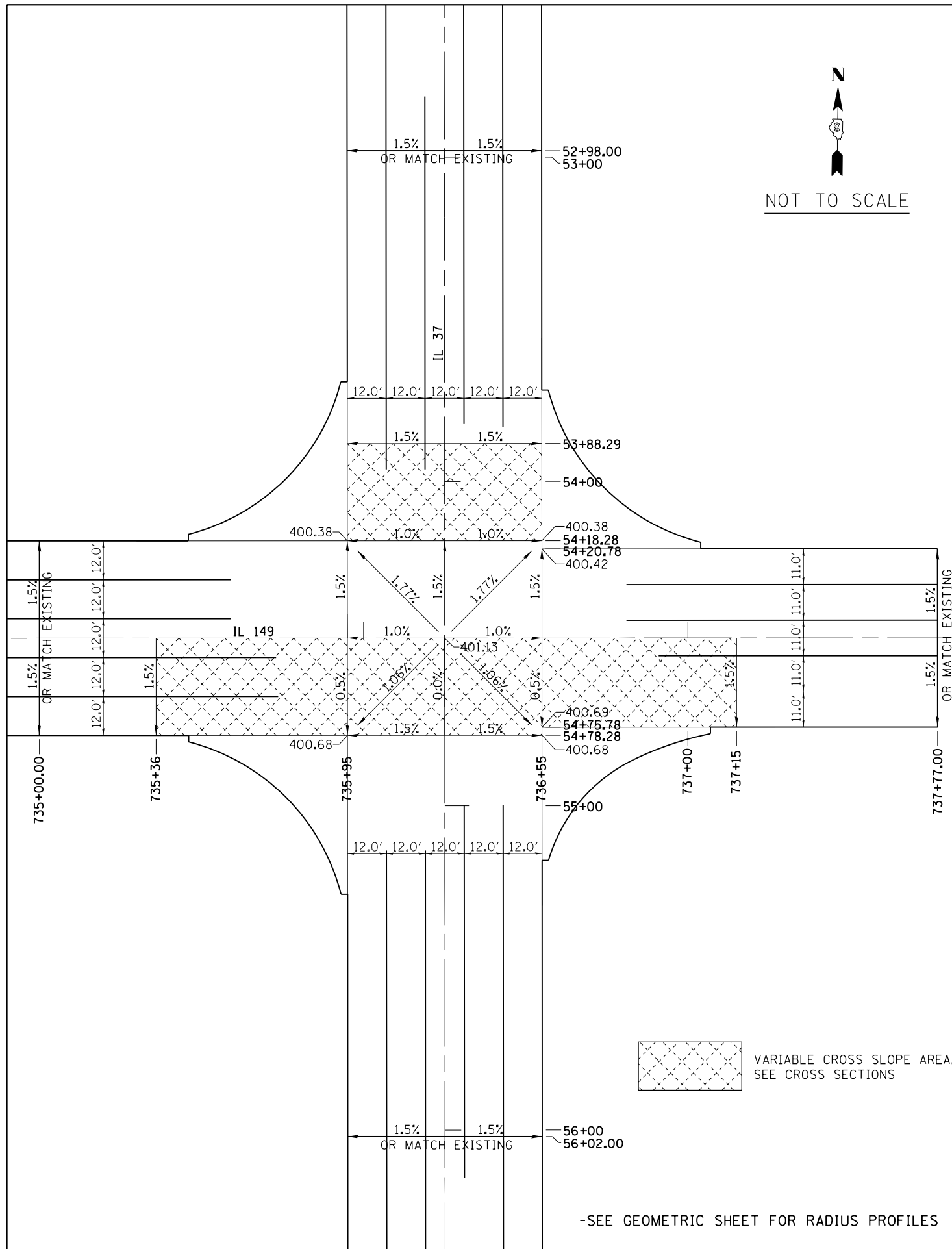
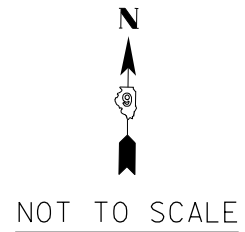


SOUTHWEST RADIUS

| STATIONING ALONG SW RADIUS | SW RADIUS ELEV. | STATIONING ALONG IL 149 | OFFSET TO IL 149 C.L. | STATIONING ALONG IL 37 | OFFSET TO IL 37 C.L. |
|----------------------------|-----------------|-------------------------|-----------------------|------------------------|----------------------|
| 0+00                       | 400.41          | 735+30.03               | 30.00                 |                        |                      |
| 0+10                       | 400.41          | 735+40.00               | 30.77                 |                        |                      |
| 0+20                       | 400.44          | 735+49.72               | 33.05                 |                        |                      |
| 0+30                       | 400.49          | 735+58.98               | 36.80                 |                        |                      |
| 0+40                       | 400.58          | 735+67.56               | 41.92                 | 54+90.18               | 57.46                |
| 0+50                       | 400.67          | 735+75.25               | 48.30                 | 54+96.56               | 49.77                |
| 0+60                       | 400.88          | 735+81.87               | 55.78                 | 55+04.05               | 43.15                |
| 0+70                       | 401.09          |                         |                       | 55+12.45               | 37.76                |
| 0+80                       | 401.29          |                         |                       | 55+21.59               | 33.71                |
| 0+90                       | 401.48          |                         |                       | 55+31.24               | 31.12                |
| 1+00                       | 401.66          |                         |                       | 55+41.17               | 30.03                |

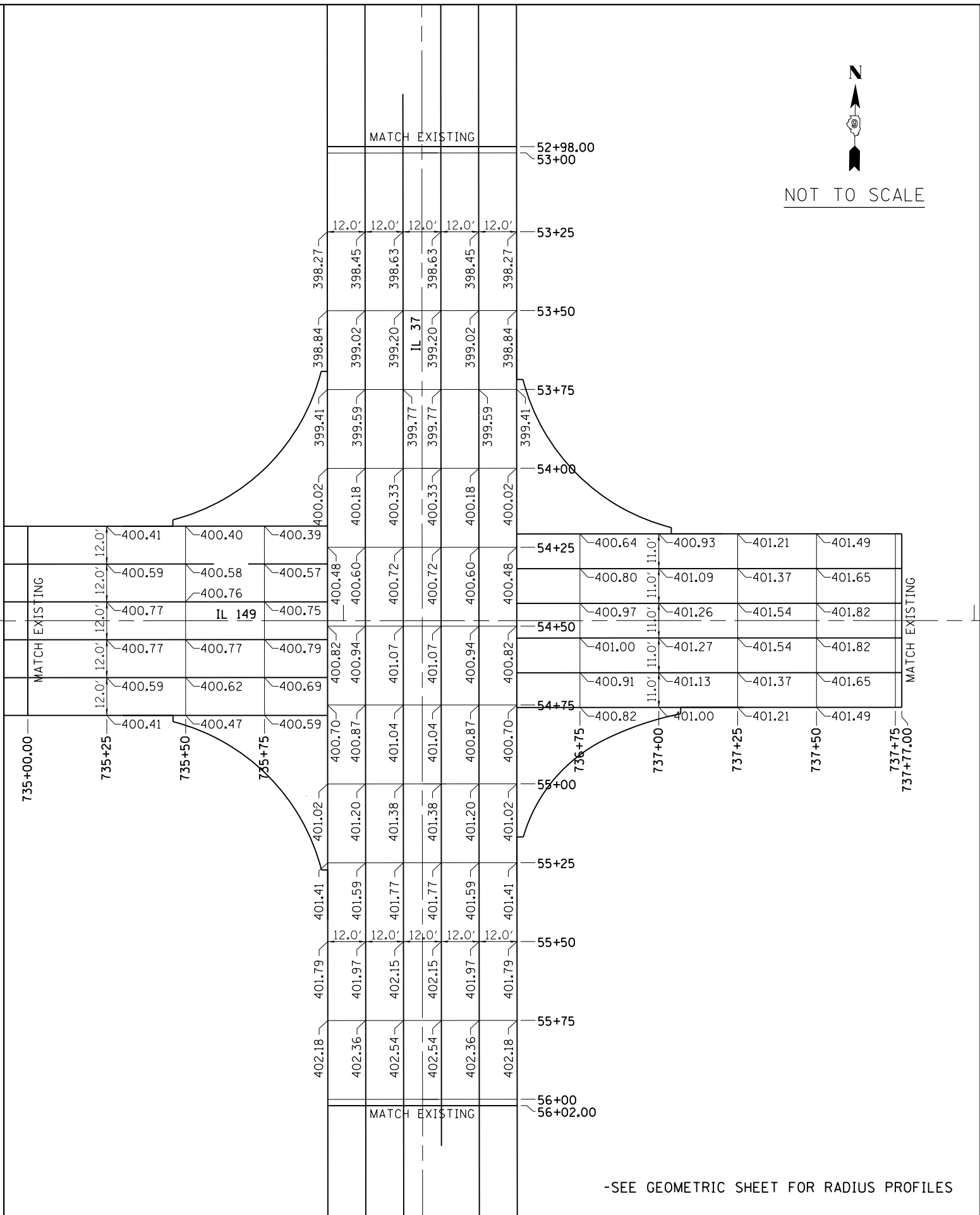
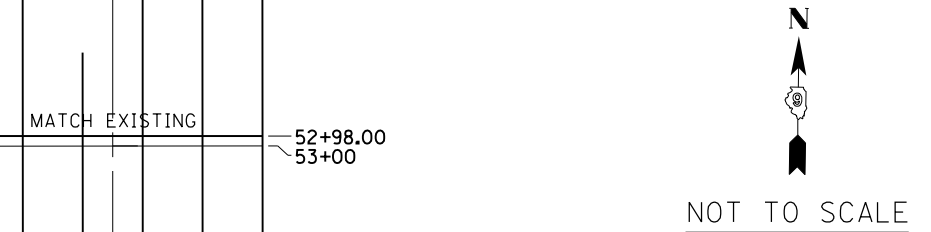
SOUTHEAST RADIUS

| STATIONING ALONG SE RADIUS | SE RADIUS ELEV. | STATIONING ALONG IL 37 | OFFSET TO IL 37 C.L. | STATIONING ALONG IL 149 | OFFSET TO IL 149 C.L. |
|----------------------------|-----------------|------------------------|----------------------|-------------------------|-----------------------|
| 0+00                       | 401.50          | 55+30.81               | 30.00                |                         |                       |
| 0+10                       | 401.33          | 55+20.88               | 31.00                |                         |                       |
| 0+20                       | 401.14          | 55+11.34               | 33.95                |                         |                       |
| 0+30                       | 400.87          | 55+02.58               | 38.73                | 736+63.75               | 54.28                 |
| 0+40                       | 400.66          | 54+94.94               | 45.16                | 736+70.18               | 46.64                 |
| 0+50                       | 400.60          | 54+88.74               | 52.98                | 736+78.00               | 40.44                 |
| 0+60                       | 400.71          |                        |                      | 736+86.86               | 35.83                 |
| 0+70                       | 400.86          |                        |                      | 736+96.21               | 32.30                 |
| 0+80                       | 401.00          |                        |                      | 737+05.87               | 29.72                 |
| 0+90                       | 401.09          |                        |                      | 737+15.74               | 28.12                 |
| 1+00                       | 401.21          |                        |                      | 737+25.72               | 27.51                 |



-SEE GEOMETRIC SHEET FOR RADIUS PROFILES

 VARIABLE CROSS SLOPE AREA. SEE CROSS SECTIONS



-SEE GEOMETRIC SHEET FOR RADIUS PROFILES

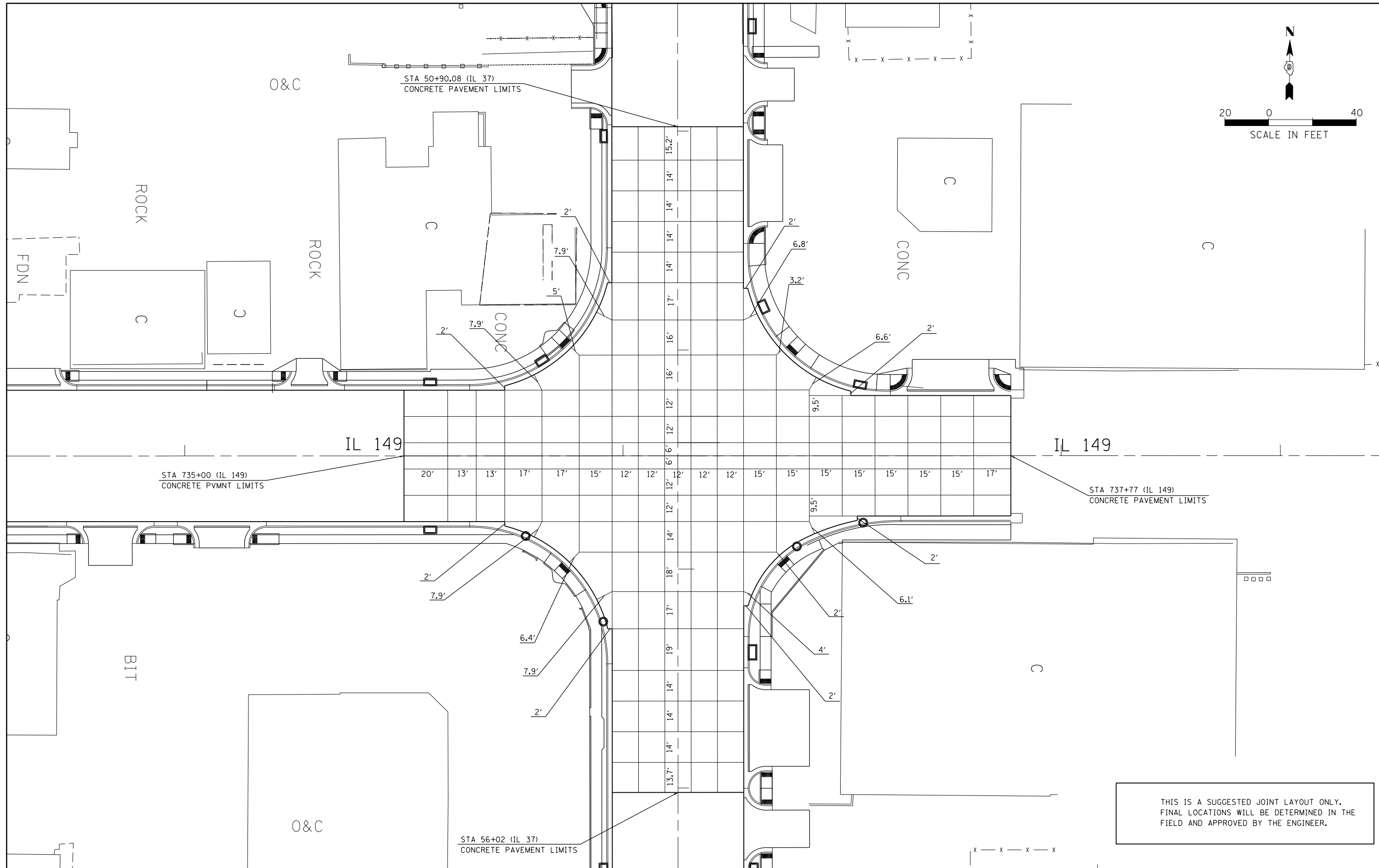
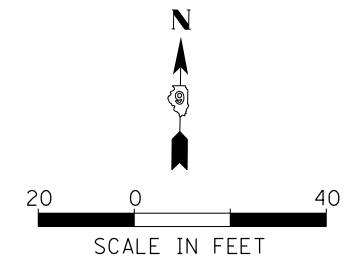
|   |                             |            |           |
|---|-----------------------------|------------|-----------|
| FILE NAME =   | USER NAME = pufferaa        | DESIGNED - | REVISED - |
| ct:\pw\work\p1dot\pufferaa\0293206\78288-sh1-plpr.dgn |                             | DRAWN -    | REVISED - |
| Default   | PLOT SCALE = 38.4423' / in. | CHECKED -  | REVISED - |
|   | PLOT DATE = 3/22/2013       | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PCC PAVEMENT CROSS SLOPES /ELEVATIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

|                           |         |          |              |           |
|---------------------------|---------|----------|--------------|-----------|
| F.A.U. RTE.               | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO. |
| 9481                      | 12(N-1) | FRANKLIN | 94           | 36        |
| CONTRACT NO. 78288        |         |          |              |           |
| ILLINOIS FED. AID PROJECT |         |          |              |           |

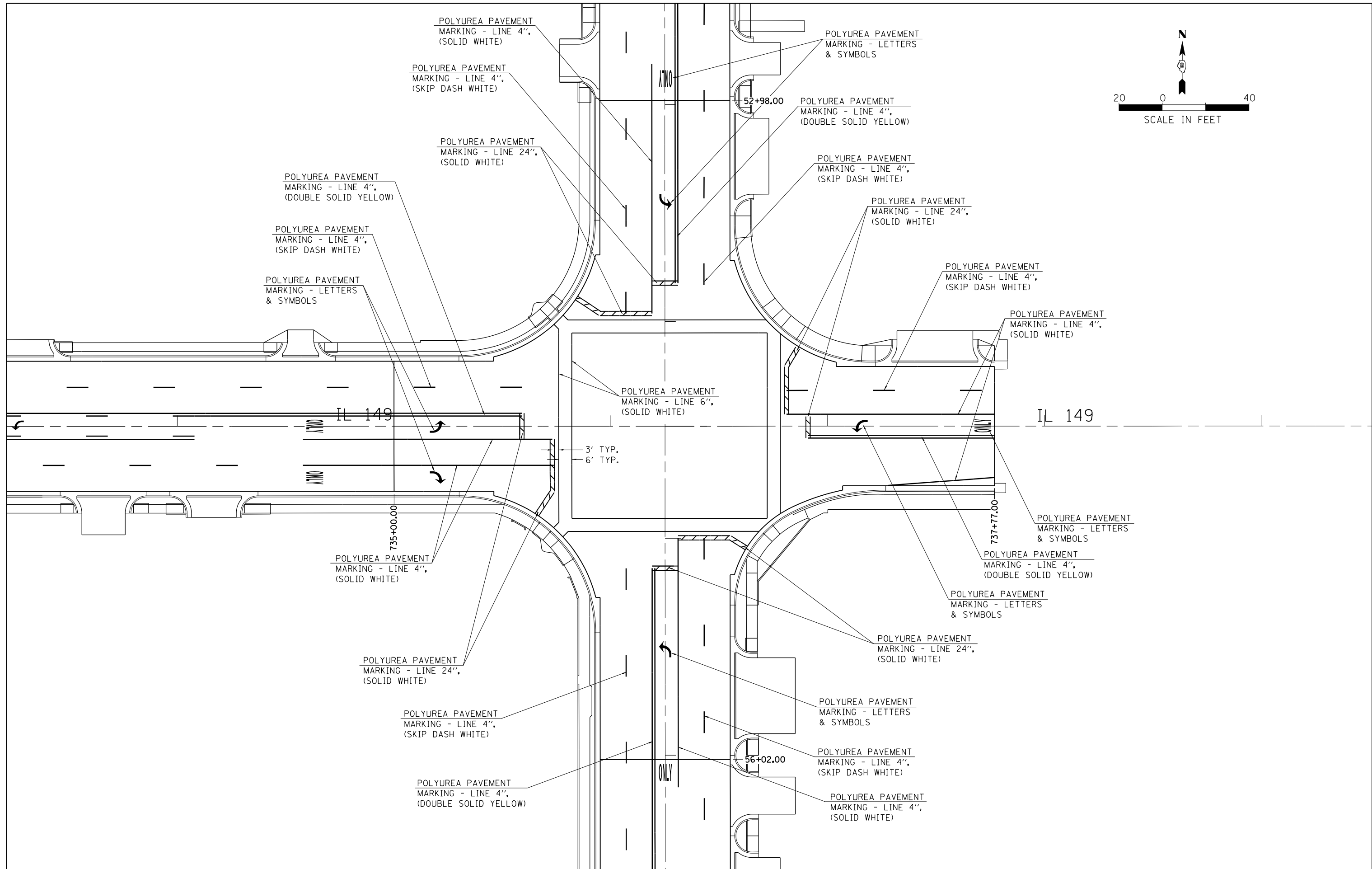


|  |                             |            |           |
|--|-----------------------------|------------|-----------|
| FILE NAME =<br>e:\pwork\work\pwork\puff\proj\02\93206178288-sh1-plpr.dgn | USER NAME = \$USER\$        | DESIGNED - | REVISED - |
| Default  |                             | DRAWN -    | REVISED - |
|  | PLOT SCALE = 40.0000' / in. | CHECKED -  | REVISED - |
|  | PLOT DATE = 3/22/2013       | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

|                     |       |    |        |         |
|---------------------|-------|----|--------|---------|
| <b>JOINT LAYOUT</b> |       |    |        |         |
| SCALE:              | SHEET | OF | SHEETS | STA.    |
|                     |       |    |        | TO STA. |

|                           |                    |                    |                       |                     |
|---------------------------|--------------------|--------------------|-----------------------|---------------------|
| F.A.U.<br>RTE.<br>9481    | SECTION<br>12(N-1) | COUNTY<br>FRANKLIN | TOTAL<br>SHEETS<br>94 | SHEET<br>NO.<br>36A |
| CONTRACT NO. 78288        |                    |                    |                       |                     |
| ILLINOIS FED. AID PROJECT |                    |                    |                       |                     |



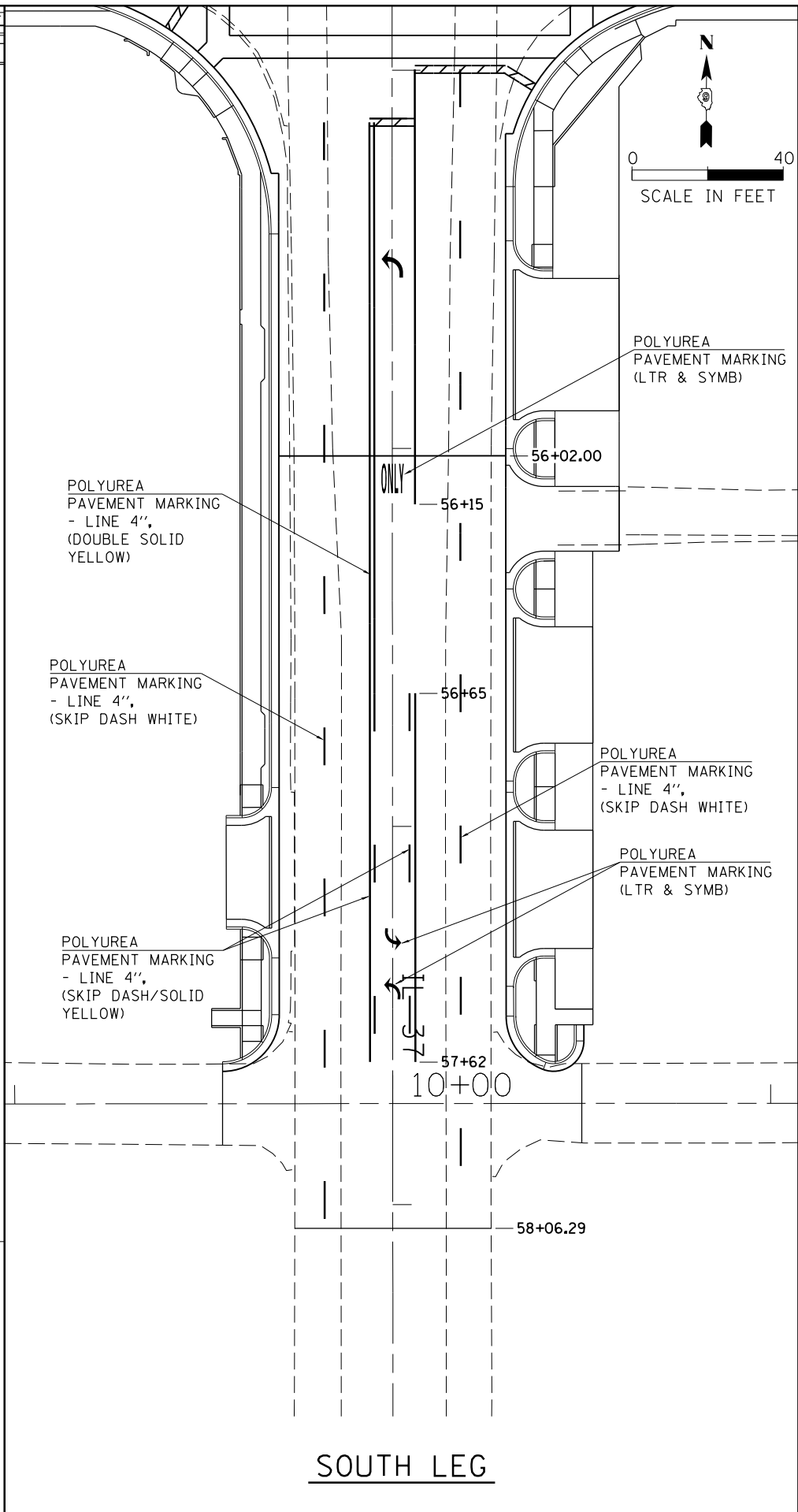
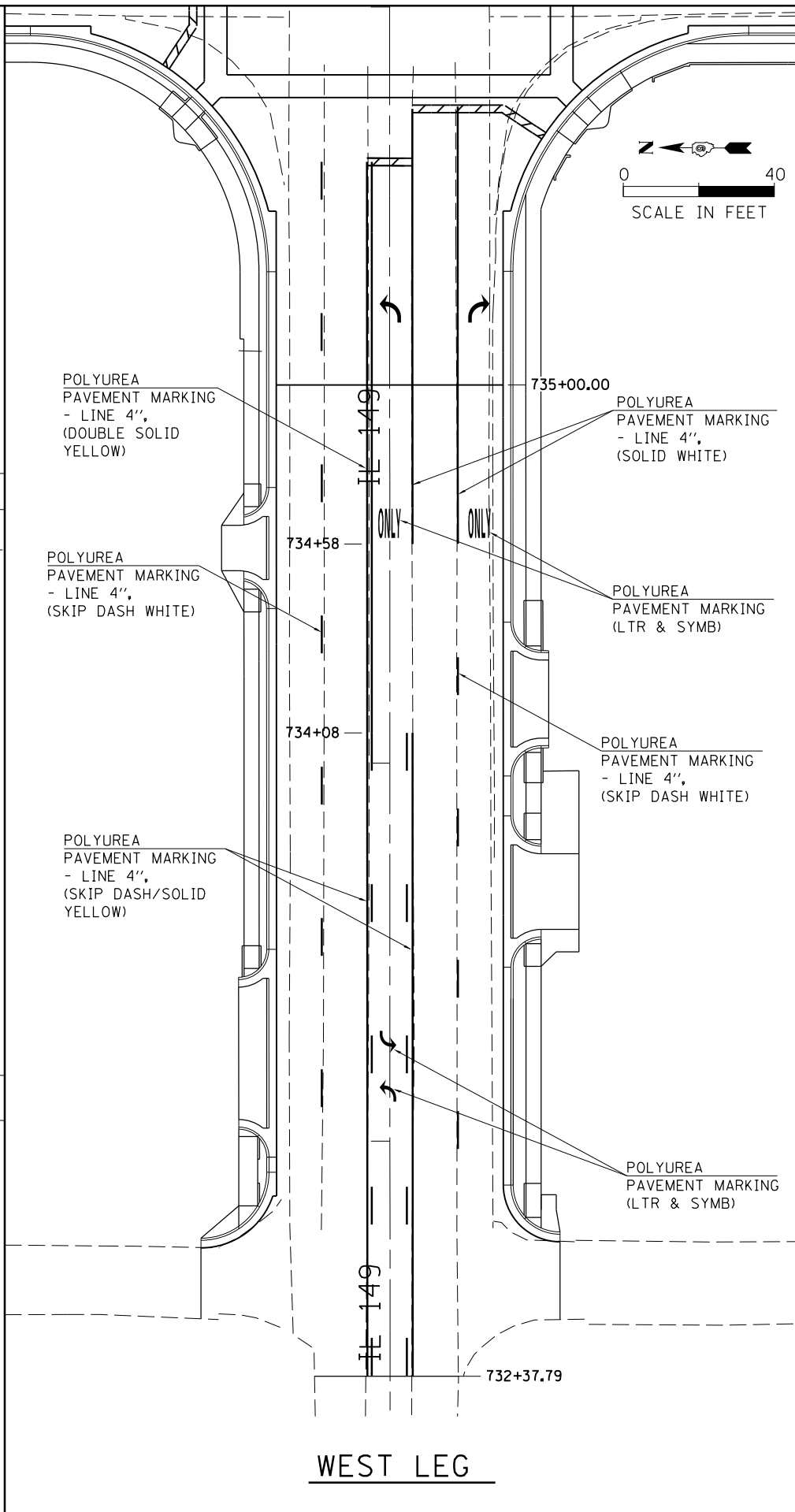
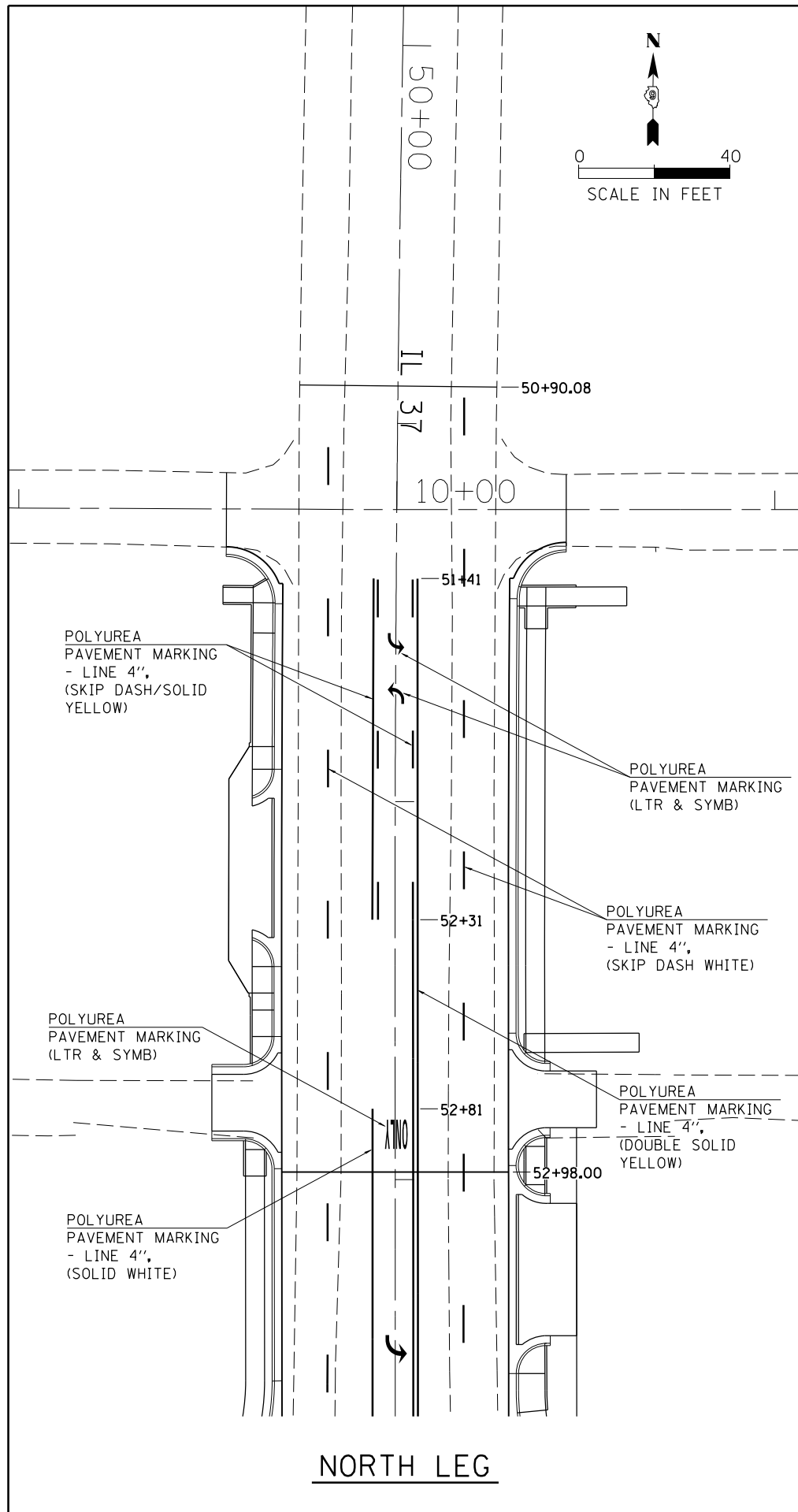
|  |                             |            |           |
|--|-----------------------------|------------|-----------|
| FILE NAME =                                      | USER NAME = \$USER\$        | DESIGNED - | REVISED - |
| c:\pwork\work\puffere\0293206\78288-sh1-plpr.dgn |                             | DRAWN -    | REVISED - |
|  | PLOT SCALE = 40.0000' / in. | CHECKED -  | REVISED - |
| \$MODELNAME\$                                    | PLOT DATE = 3/22/2013       | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING SHEET (CONCRETE SECTION)**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

| F.A.U. RTE.               | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|----------|--------------|-----------|
| 9481                      | 12(N-1) | FRANKLIN | 94           | 37        |
| CONTRACT NO. 78288        |         |          |              |           |
| ILLINOIS FED. AID PROJECT |         |          |              |           |

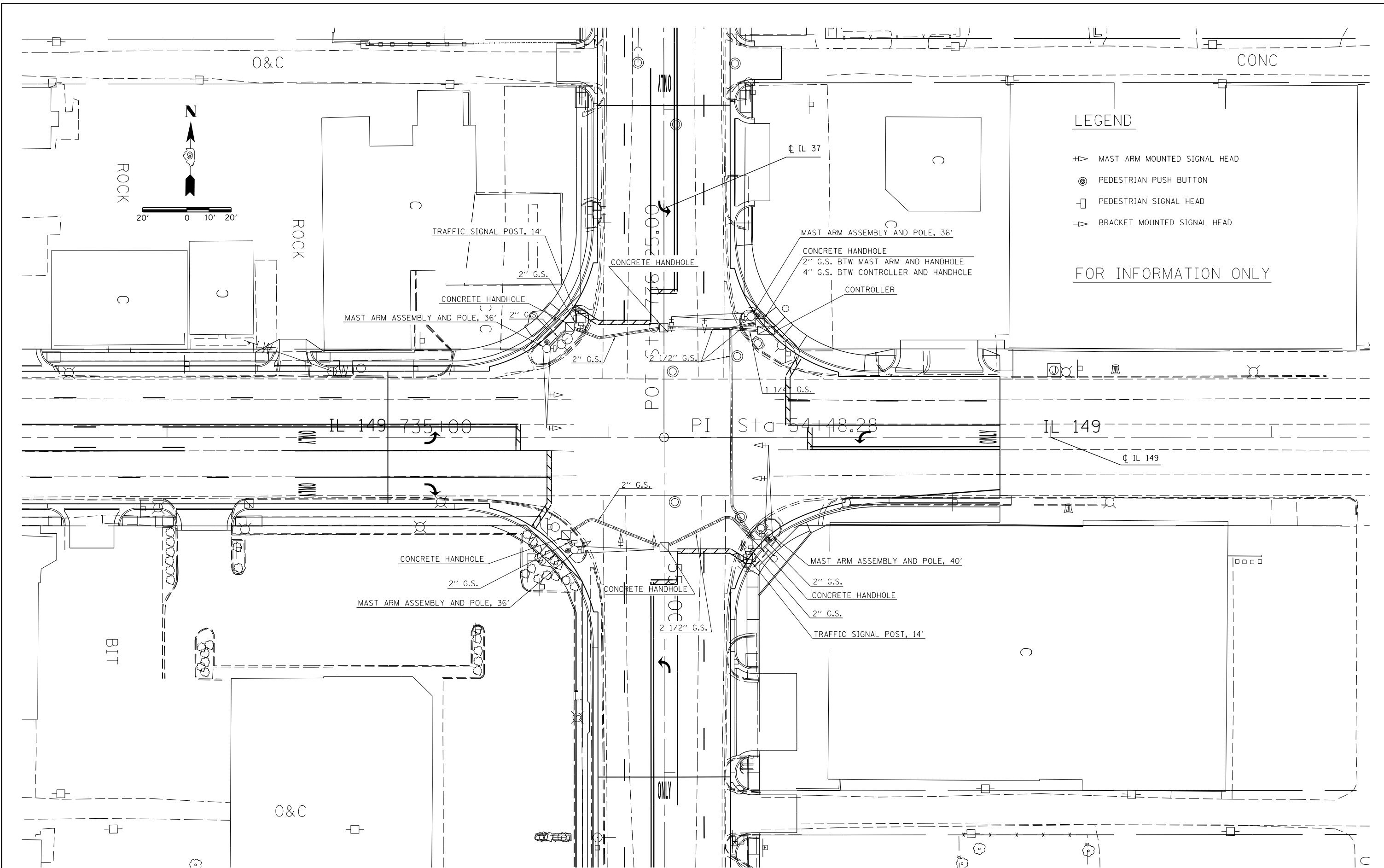


|  |                             |            |           |
|--|-----------------------------|------------|-----------|
| FILE NAME =  | USER NAME = \$USER\$        | DESIGNED - | REVISED - |
| et:\pw\work\p\id\puff\era\0293206\78288-sh1-plpr.dgn |                             | DRAWN -    | REVISED - |
|  | PLOT SCALE = 48.0000' / in. | CHECKED -  | REVISED - |
| \$MODELNAME\$  | PLOT DATE = 3/22/2013       | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

|  |       |           |              |
|--|-------|-----------|--------------|
| <b>PAVEMENT MARKING SHEET (BITUMINOUS SECTION)</b> |       |           |              |
| SCALE:   | SHEET | OF SHEETS | STA. TO STA. |

|                           |         |          |              |           |
|---------------------------|---------|----------|--------------|-----------|
| F.A.U. RTE.               | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO. |
| 9481                      | 12(N-1) | FRANKLIN | 94           | 38        |
| CONTRACT NO. 78288        |         |          |              |           |
| ILLINOIS FED. AID PROJECT |         |          |              |           |



**LEGEND**

- MAST ARM MOUNTED SIGNAL HEAD
- ⊙ PEDESTRIAN PUSH BUTTON
- PEDESTRIAN SIGNAL HEAD
- BRACKET MOUNTED SIGNAL HEAD

FOR INFORMATION ONLY

|   |                             |            |           |   |   |  |   |               |         |          |                 |              |
|---|-----------------------------|------------|-----------|---|---|--|---|---------------|---------|----------|-----------------|--------------|
| FILE NAME =<br>c:\p\work\p\dot\puff\ee\ad293206\78288-sh1-stg.dgn | USER NAME = \$USER\$        | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>EXISTING TRAFFIC SIGNAL LAYOUT<br/>IL 37 /IL 149</b> |  |   | F.A.U<br>RTE. | SECTION | COUNTY   | TOTAL<br>SHEETS | SHEET<br>NO. |
|   | PLOT SCALE = 48.0000' / in. | CHECKED -  | REVISED - |   |   |  |   | 9481          | 12(N-1) | FRANKLIN | 94              | 39           |
| \$MODELNAME\$   | PLOT DATE = 3/22/2013       | DATE -     | REVISED - | SCALE: SHEET OF SHEETS STA. TO STA.                       |   |  | CONTRACT NO. 78288<br>ILLINOIS FED. AID PROJECT |               |         |          |                 |              |

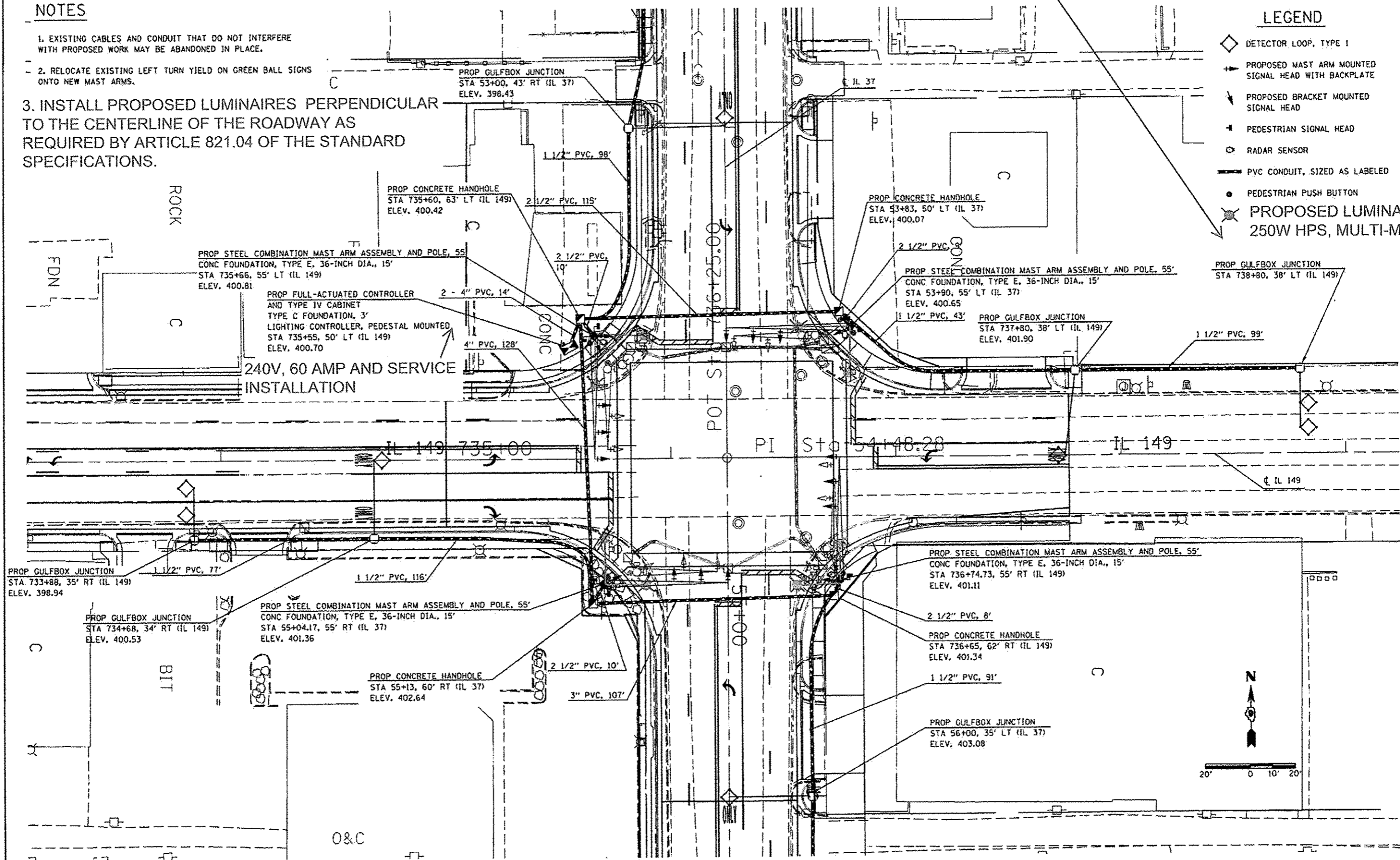


**NOTES**

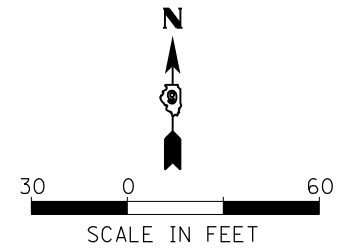
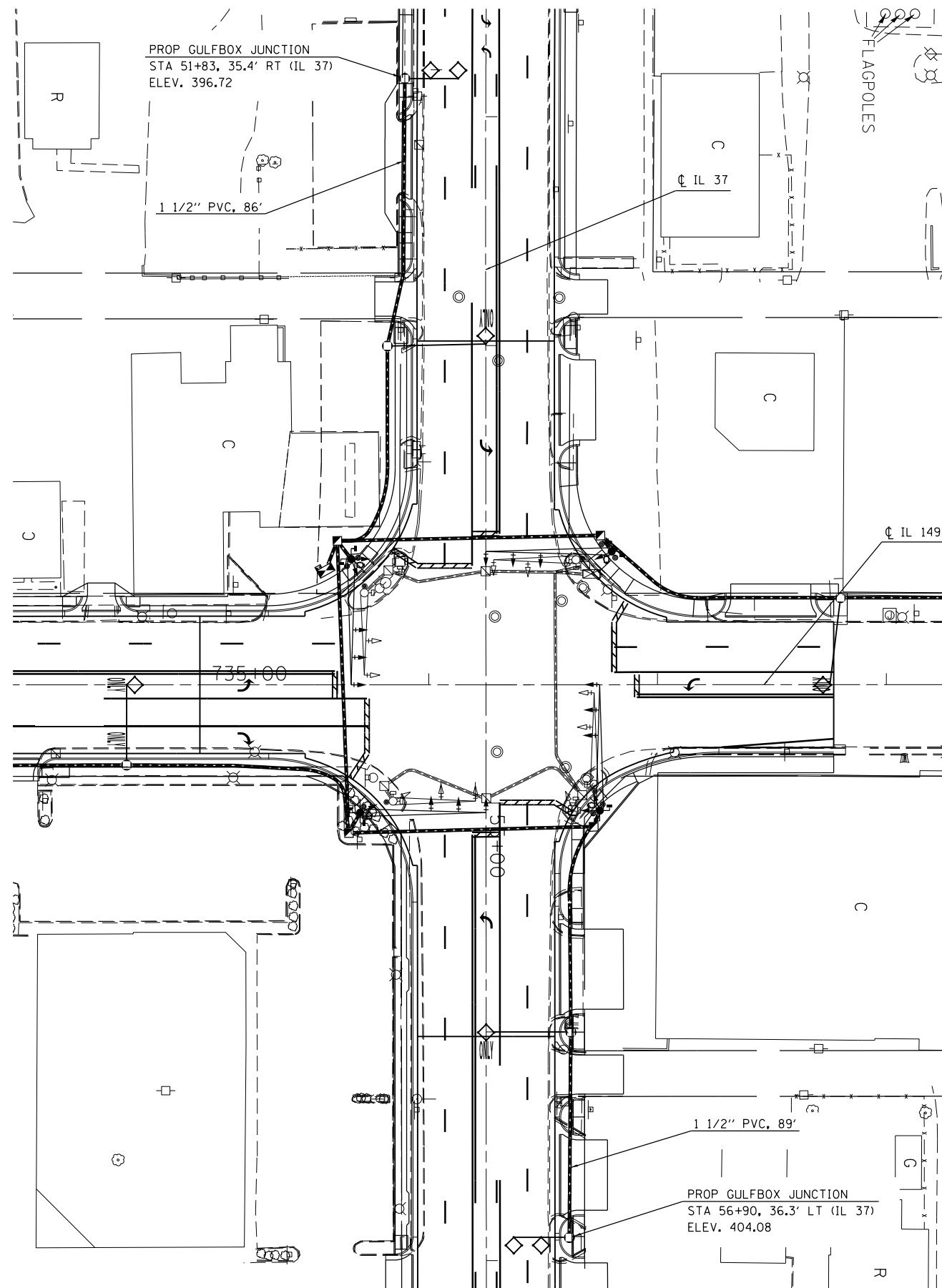
1. EXISTING CABLES AND CONDUIT THAT DO NOT INTERFERE WITH PROPOSED WORK MAY BE ABANDONED IN PLACE.
2. RELOCATE EXISTING LEFT TURN YIELD ON GREEN BALL SIGNS ONTO NEW MAST ARMS.
3. INSTALL PROPOSED LUMINAIRES PERPENDICULAR TO THE CENTERLINE OF THE ROADWAY AS REQUIRED BY ARTICLE 821.04 OF THE STANDARD SPECIFICATIONS.

**LEGEND**

- ◇ DETECTOR LOOP, TYPE 1
- ➔ PROPOSED MAST ARM MOUNTED SIGNAL HEAD WITH BACKPLATE
- ➔ PROPOSED BRACKET MOUNTED SIGNAL HEAD
- ➔ PEDESTRIAN SIGNAL HEAD
- RADAR SENSOR
- PVC CONDUIT, SIZED AS LABELED
- PEDESTRIAN PUSH BUTTON
- ⊗ PROPOSED LUMINAIRE 250W HPS, MULTI-MOUNT



|   |            |          |         |   |  |  |             |         |          |              |           |
|---|------------|----------|---------|---|--|--|-------------|---------|----------|--------------|-----------|
| FILE NAME   | USER NAME  | DESIGNED | REVISED | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>PROPOSED TRAFFIC SIGNAL LAYOUT<br/>IL 37 / IL 149</b> |  | F.A.J. RTE. | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO. |
| cd:\p\work\p\vid\puff\puff\02932206\78288-sh1.dgn | sh1        | DRAWN    | REVISED |   |  |  | 9481        | 12IN-11 | FRANKLIN | 94           | 40        |
| MODEL NAME  | PLOT SCALE | CHECKED  | REVISED |   | CONTRACT NO. 78288                                       |  |             |         |          |              |           |
|   | PLOT DATE  | DATE     | REVISED |   | ILLINOIS FED. AID PROJECT                                |  |             |         |          |              |           |



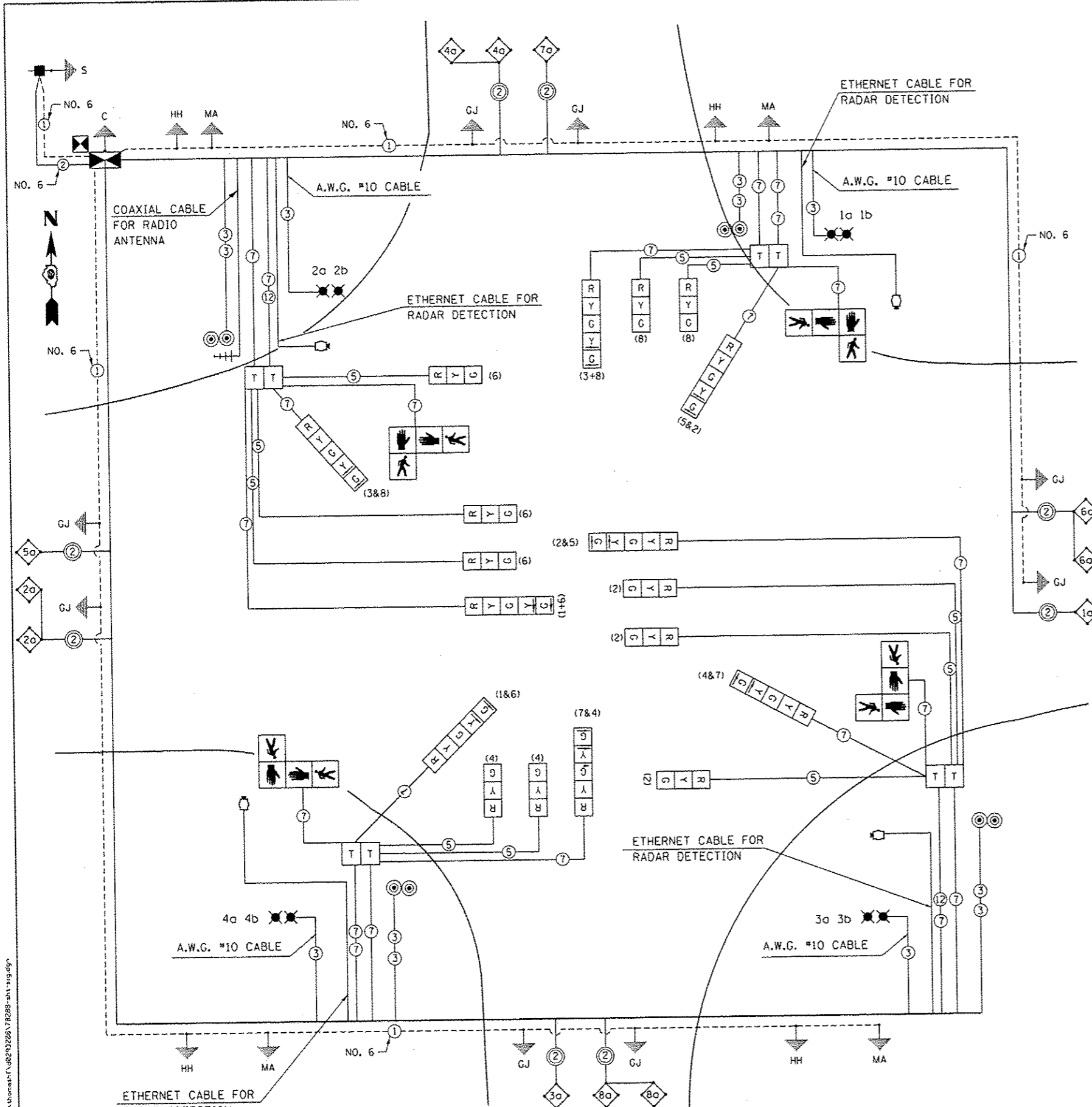
|  |                             |            |           |
|--|-----------------------------|------------|-----------|
| FILE NAME =  | USER NAME = \$USER\$        | DESIGNED - | REVISED - |
| ct:\pw\work\p\idot\puff\ee\al0293206\78288-sh1-stg.dgn |                             | DRAWN -    | REVISED - |
| \$MODELNAME\$  | PLOT SCALE = 60.0000' / in. | CHECKED -  | REVISED - |
|  | PLOT DATE = 3/22/2013       | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TRAFFIC SIGNAL LAYOUT**

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.U. RTE.        | SECTION | COUNTY   | TOTAL SHEETS              | SHEET NO. |
|--------------------|---------|----------|---------------------------|-----------|
| 9481               | 12(N-1) | FRANKLIN | 94                        | 41        |
| CONTRACT NO. 78288 |         |          | ILLINOIS FED. AID PROJECT |           |



**NOTES**

- ALL CABLES SHALL BE A.W.G. #14 UNLESS OTHERWISE NOTED.
- ELECTRIC SERVICE IS SUPPLIED BY AMEREN CIPS.
- ELECTRIC CABLE DENOTED AS #10, 3/C BEING INSTALLED TO THE COMBINATION MAST ARM POLES SHALL NOT GO THROUGH THE TERMINAL BLOCK BUT SHOULD BE SPLICED IN POLE. SEE STEEL COMB. MAST ARM ASSEMBLY AND POLE DETAIL.
- PROPOSED COAXIAL CABLE AND ANTENNA INCLUDED IN THE COST OF RADIO TRANSCEIVER.
- PROPOSED 2/C ELECTRIC CABLE SHOWN IN CABLE DIAGRAM ARE PAID FOR IN FEET AS ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 (1 PAIR).
- ALL SIGNAL LENSES SHALL BE 12 INCHES.

**LEGEND**

- PEDESTRIAN PUSH BUTTON
- PEDESTRIAN SIGNAL HEAD
- MOTION AND DETECTION SENSOR TO BE PAID FOR AS RADAR VEHICLE DETECTION SYSTEM
- TERMINAL BLOCK (SEE SPECIAL PROVISIONS).
- TWIN TENON FOR TWO LUMINAIRES. NUMBER INDICATES POSITION OF POLE IN WIRING DIAGRAM. LETTER INDICATES LUMINAIRE ON POLE.
- 12" TRAFFIC SIGNAL SECTION. LETTER INDICATES COLOR.
- TRAFFIC SIGNAL CONTROLLER CABINET
- LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240V, 60A
- INDICATES 2/C TWISTED, SHIELDED CABLE IN CONDUIT
- NUMBER IN CIRCLE INDICATES NUMBER OF CONDUCTORS IN THAT CABLE
- ( ) NUMBER IN PARENTHESIS INDICATES PHASE
- 5' X 5' DETECTOR LOOP WITH 2" CORE DRILLED CORNERS. NUMBER INDICATES PHASE, LOWER CASE LETTER INDICATES AMPLIFIER.

FILE NAME: c:\pwworkspace\praduh\boranah\cable\28288\78288-ah119.dgn

|                             |            |           |
|-----------------------------|------------|-----------|
| USER NAME : thomashf        | DESIGNED - | REVISED - |
| PLOT SCALE : 40,0000 1/ in. | DRAWN -    | REVISED - |
| PLOT DATE : 5/3/2013        | CHECKED -  | REVISED - |
|                             | DATE -     | REVISED - |

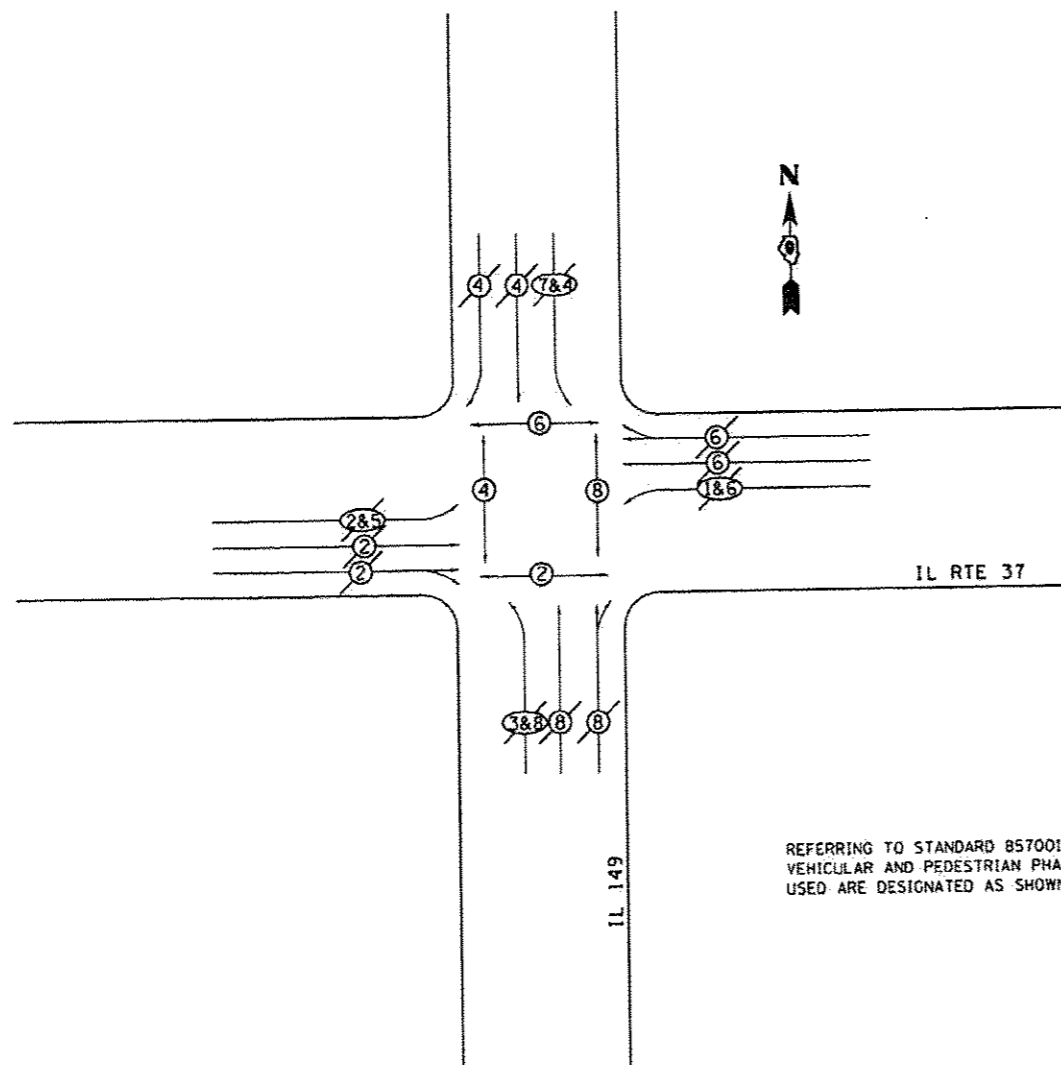
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL**  
**CABLE DIAGRAM**

SCALE: 1"=20'    SHEET NO.    OF    SHEETS    STA.    TO    STA.

| F.A.J. RTE.               | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|----------|--------------|-----------|
| 9481                      | 12(N-1) | FRANKLIN | 94           | 42        |
| ILLINOIS FED. AID PROJECT |         |          |              |           |

**PHASE DESIGNATION DIAGRAM**  
**IL RTE 37 WITH IL RTE 149**

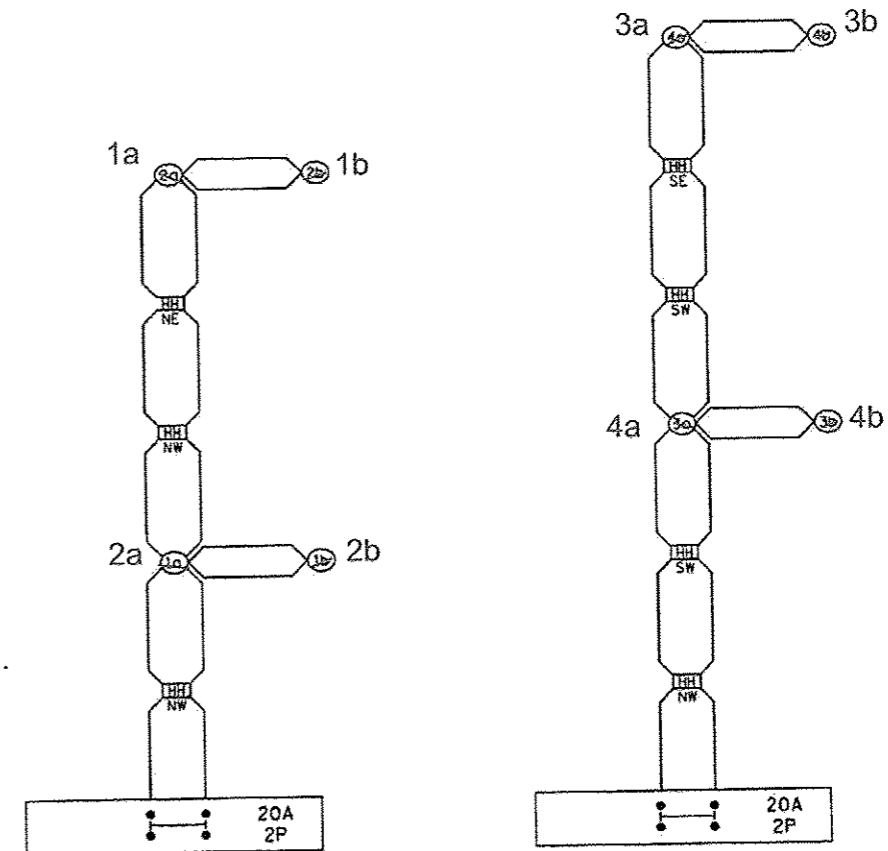


REFERRING TO STANDARD 857001, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED AS SHOWN.

**LEGEND**

- — VEHICULAR MOVEMENT
- — PEDESTRIAN MOVEMENT
- NUMBER REFERS TO ASSOCIATED PHASE

**LIGHTING WIRING DIAGRAM**



**HANDHOLE LOCATIONS:**

- SW SOUTHWEST CORNER  
STA 55+13 60' RT (IL 37)
- SE SOUTHEAST CORNER  
STA 736+65 62' RT (IL 149)
- NW NORTHWEST CORNER  
STA 735+60, 63' LT (IL 149)
- NE NORTHEAST CORNER  
STA 53+83 50' LT (IL 37)

PROPOSED CONTROL INSTALLATION  
 PHOTOCELL RELAY  
 20-AMP - 240 VOLT

LIGHTING CONTROLLER, PEDESTAL MOUNTED

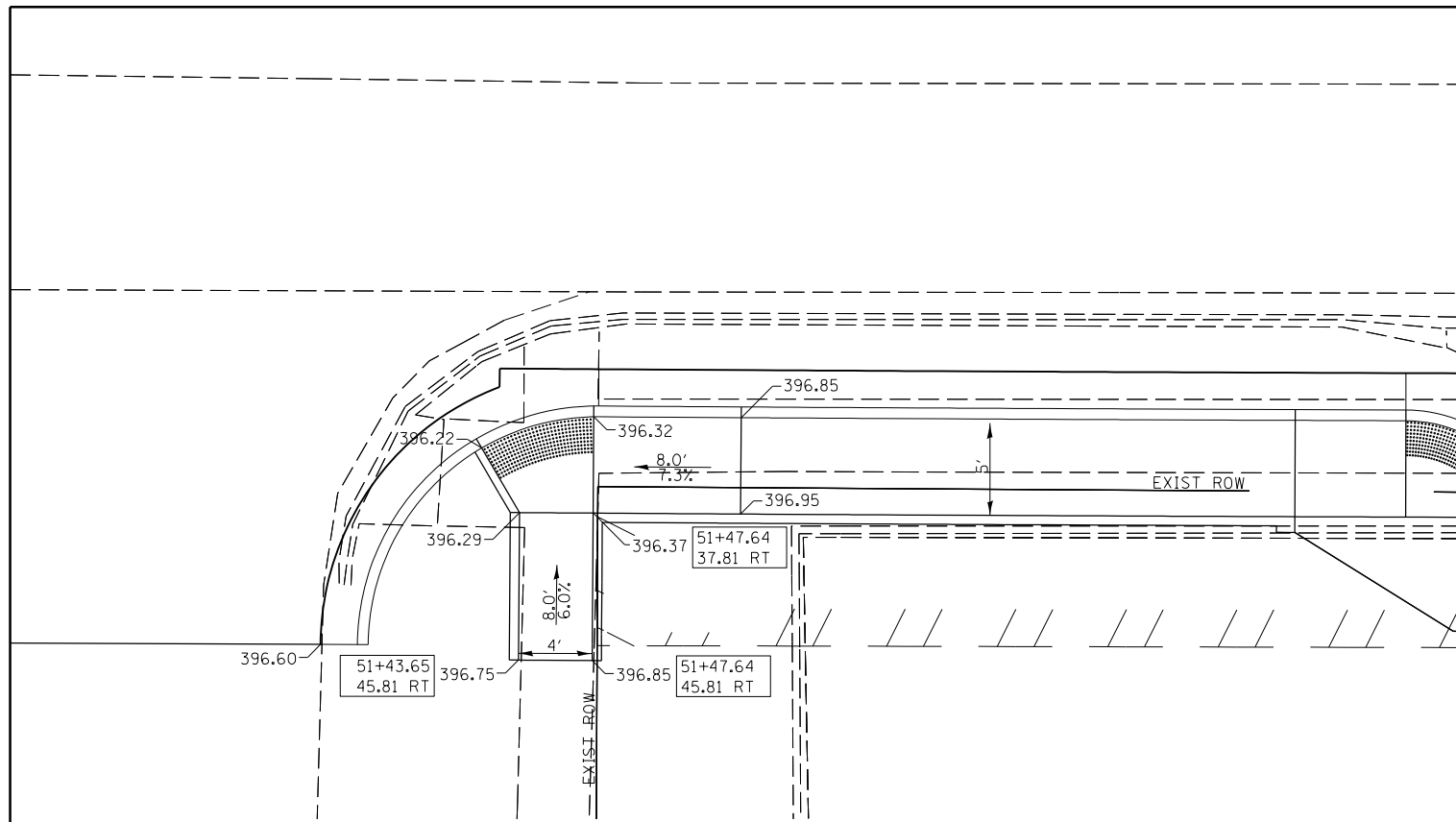
|  |                                |            |           |
|--|--------------------------------|------------|-----------|
| FILE NAME *  | USER NAME * USER               | DESIGNED - | REVISED - |
| ct:\p\work\p\pidot\puff\area\0293289\7528-shc-orig.dgn |                                | DRAWN -    | REVISED - |
|  | PLOT SCALE * 48.0000 1/4" = 1' | CHECKED -  | REVISED - |
|  | PLOT DATE * 3/22/2013          | DATE -     | REVISED - |

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

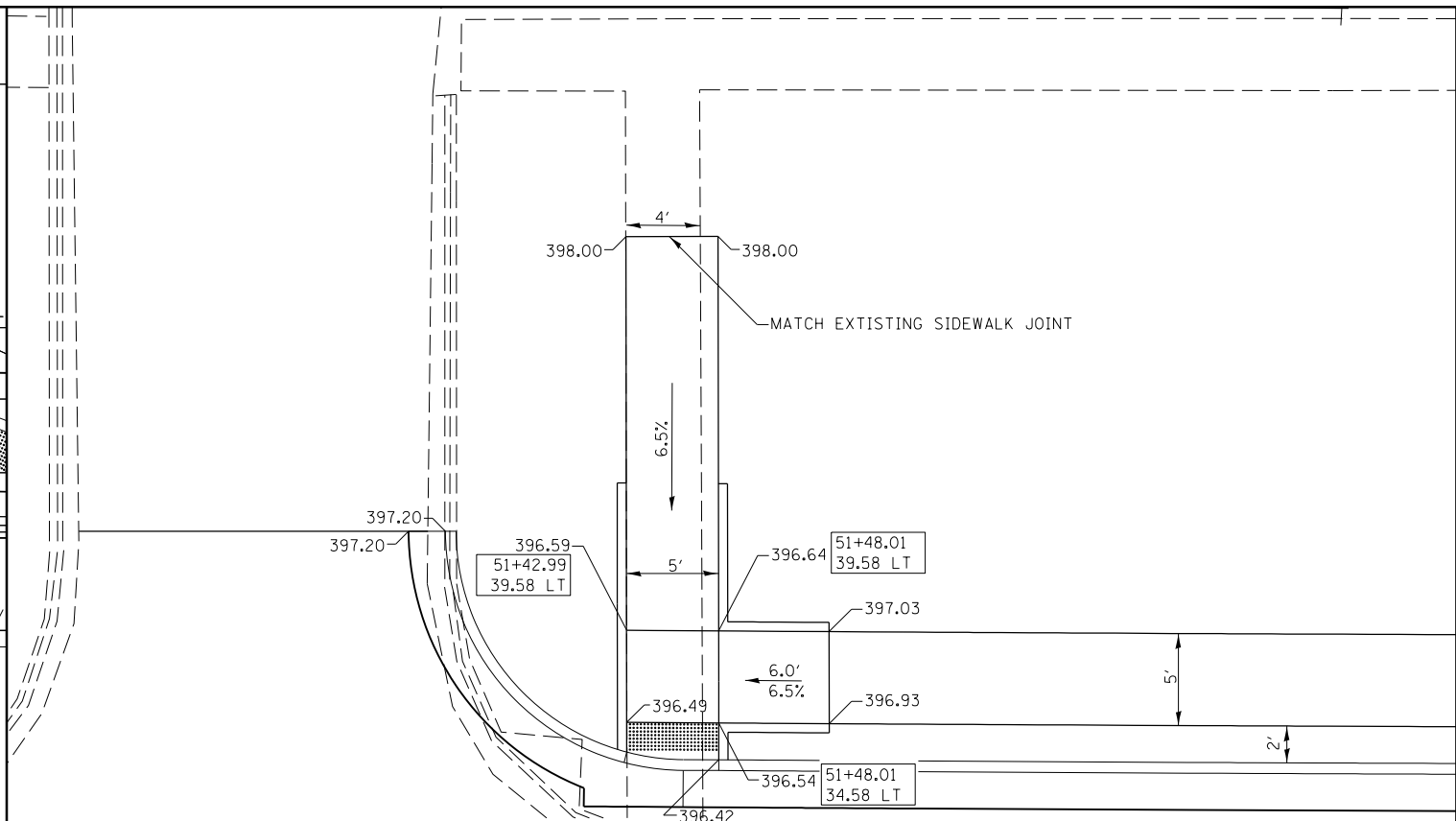
PHASE DESIGNATION & LIGHTING DIAGRAM  
 DIAGRAM - IL 37 AND IL 149

SCALE: SHEET NO. OF SHEETS STA. TO STA.

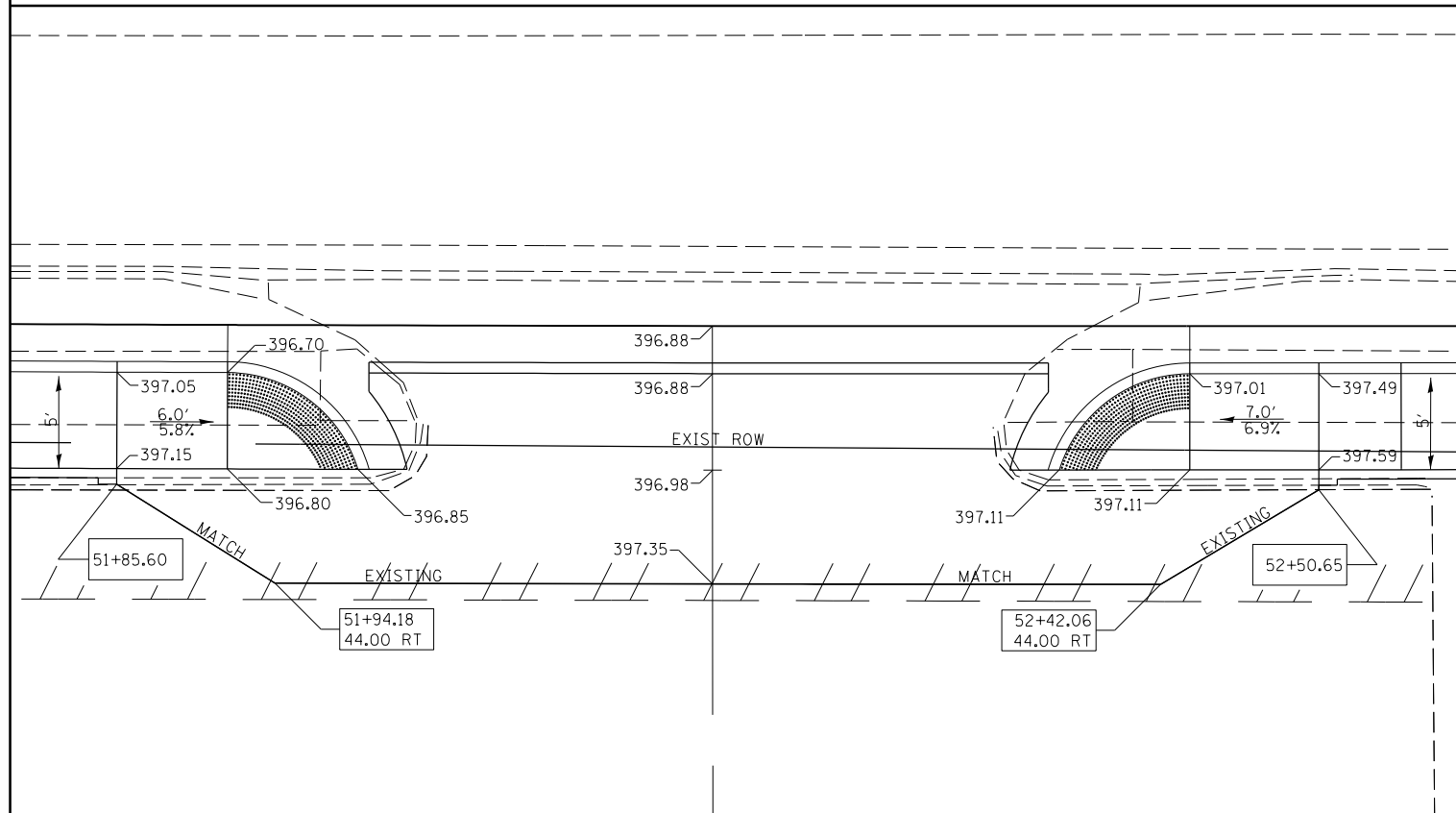
| F.A.U. RTE.               | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|----------|--------------|-----------|
| 9481                      | 120N-11 | FRANKLIN | 94           | 43        |
| CONTRACT NO. 78288        |         |          |              |           |
| ILLINOIS FED. AID PROJECT |         |          |              |           |



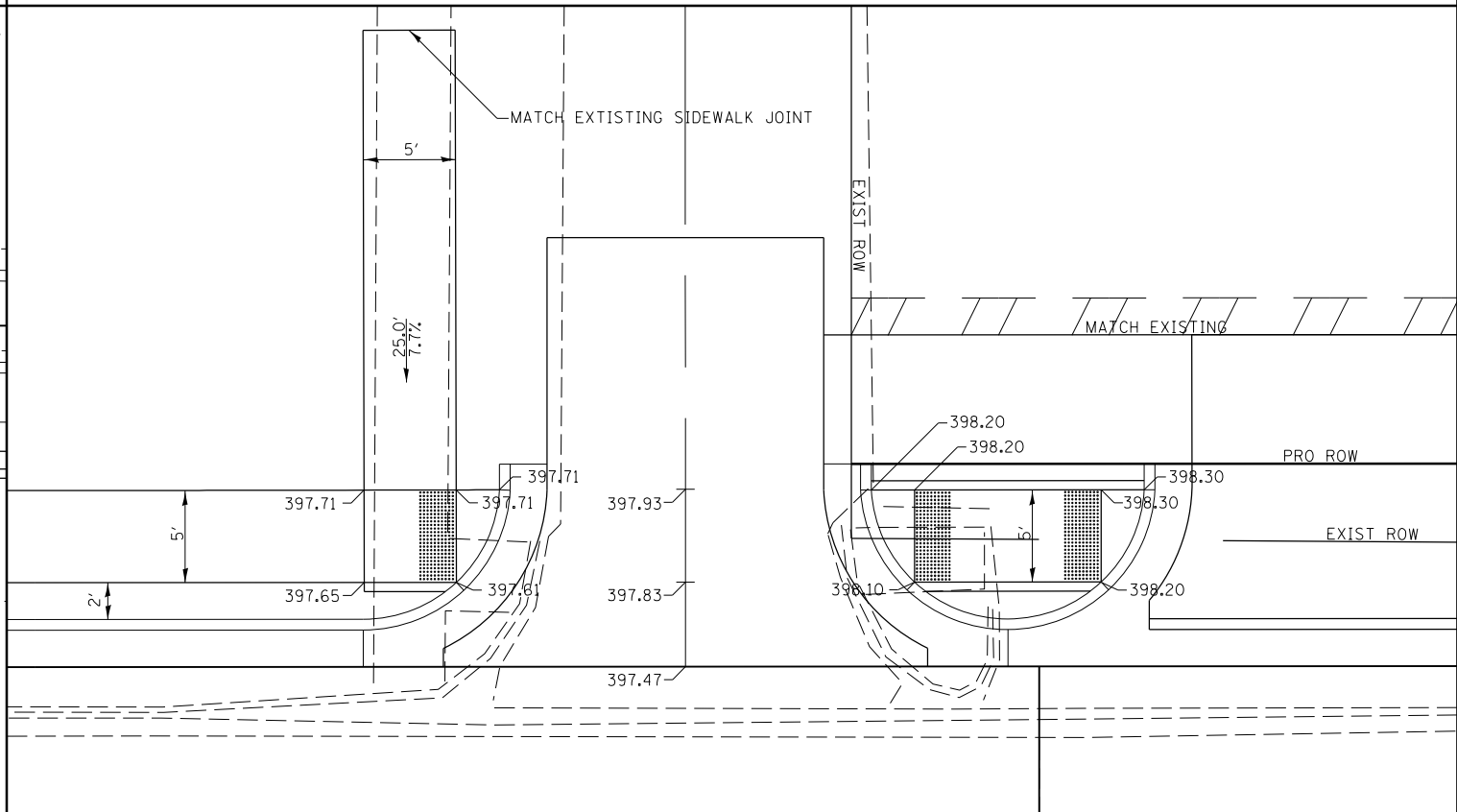
**51+45 RT. (IL 37/POPLAR ST.)**



**51+45 LT. (IL 37/POPLAR ST.)**

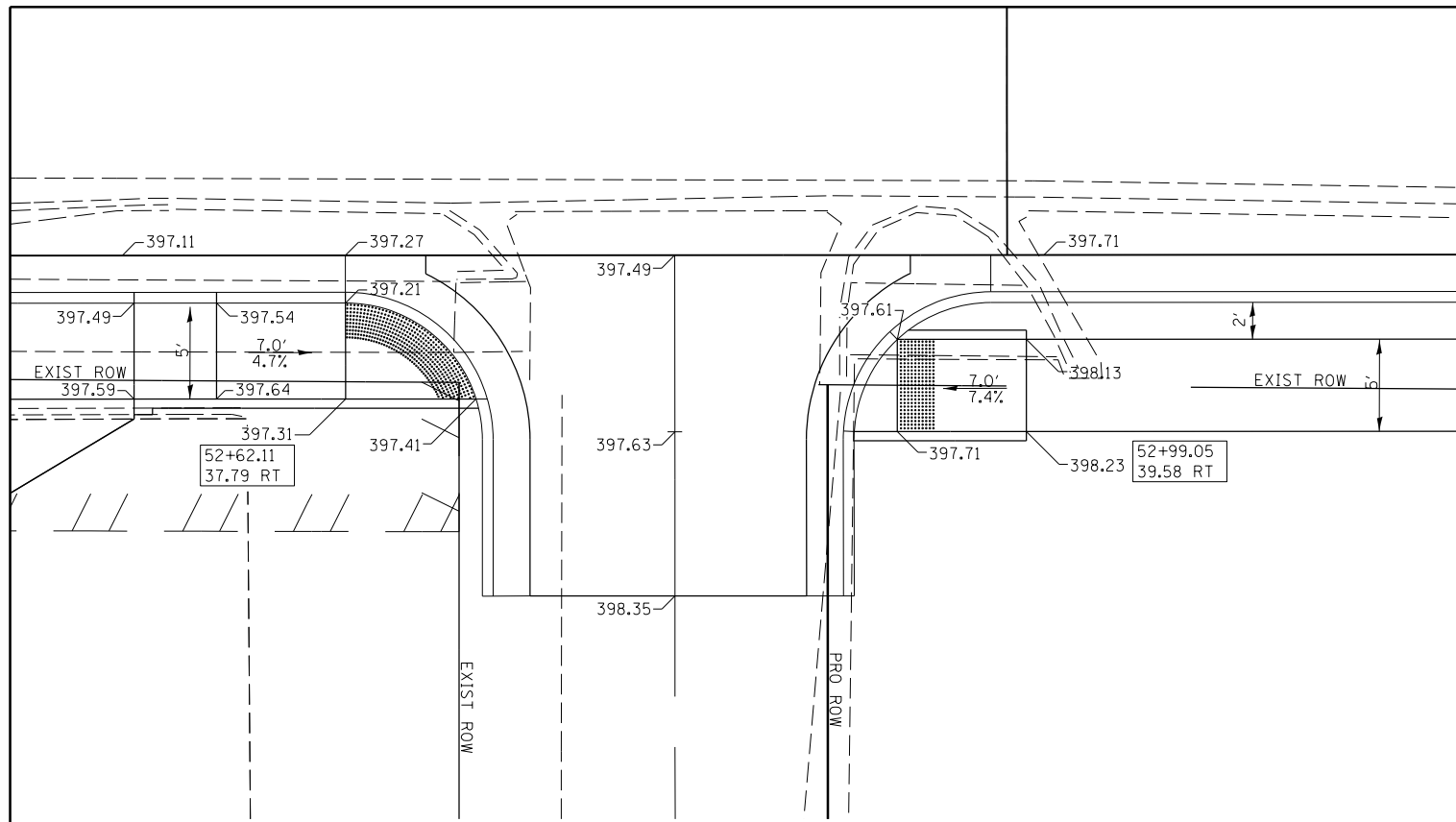


**C.E. 52+17.18 RT. (IL 37)**

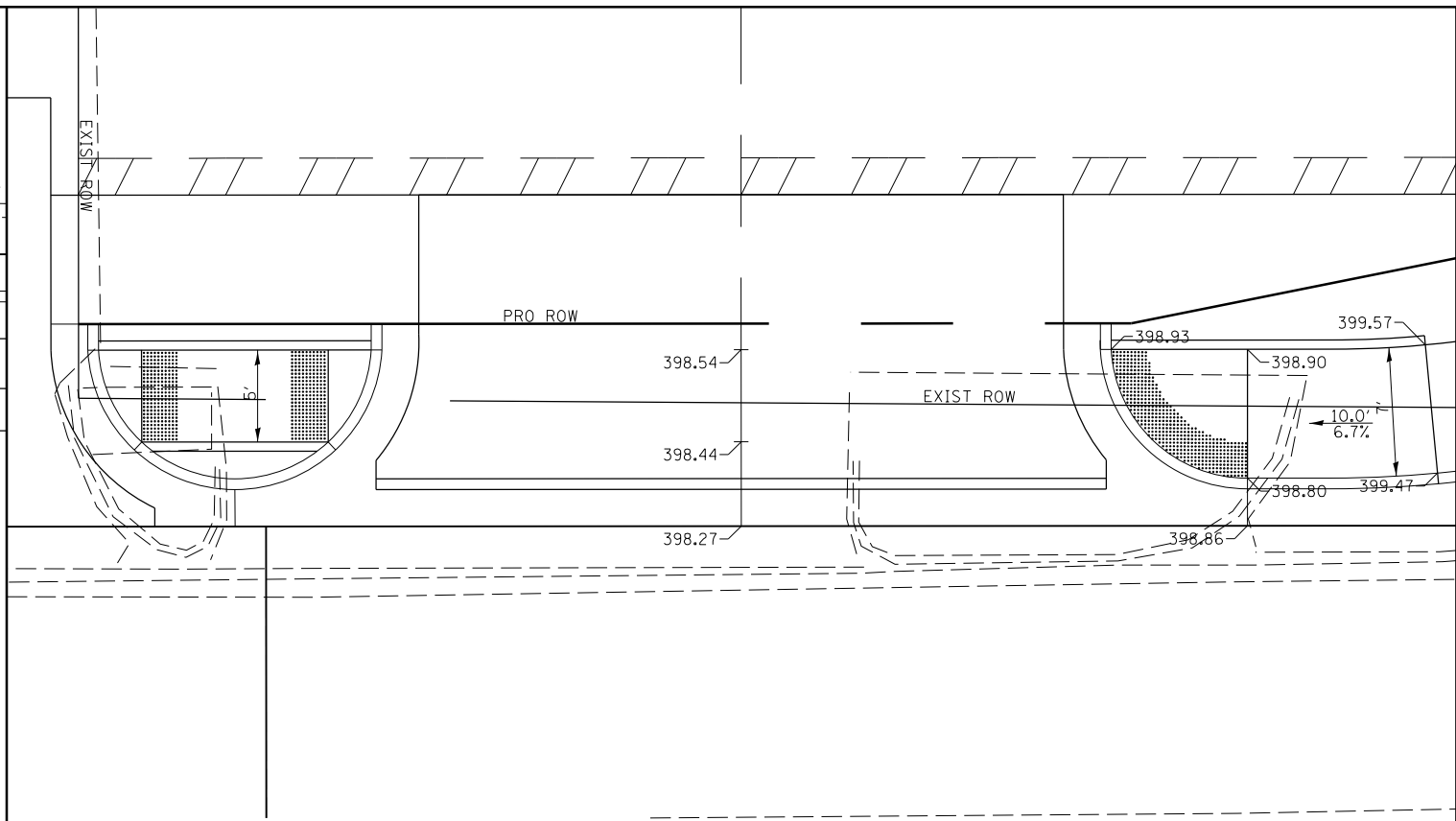


**ALLEY 52+78.81 LT. (IL 37)**

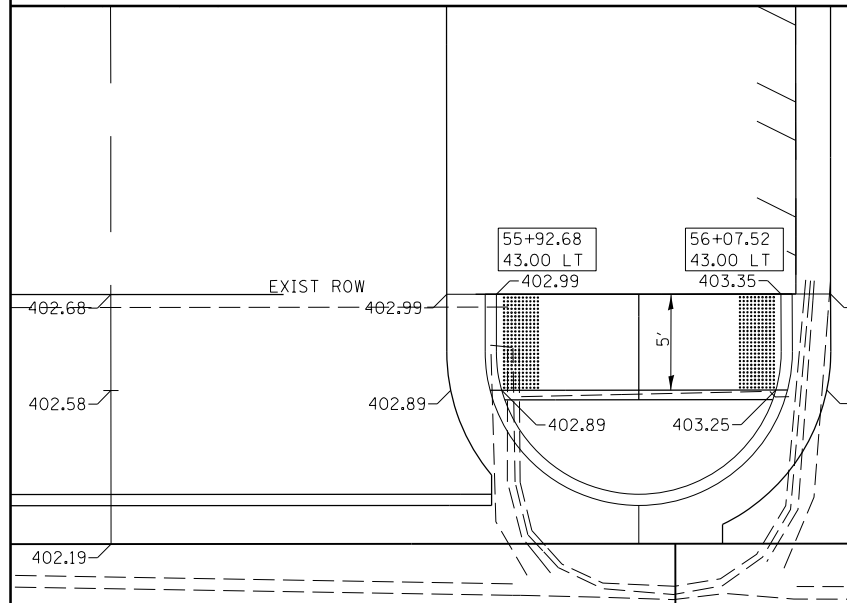
|   |                      |            |           |   |                         |       |    |        |             |         |                           |              |           |
|---|----------------------|------------|-----------|---|-------------------------|-------|----|--------|-------------|---------|---------------------------|--------------|-----------|
| FILE NAME =   | USER NAME = \$USER\$ | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>SIDEWALK DETAILS</b> |       |    |        | F.A.U. RTE. | SECTION | COUNTY                    | TOTAL SHEETS | SHEET NO. |
| et:\pw\work\p\id\puff\ee\10293206\78288-sh\plan.dgn |                      | DRAWN -    | REVISED - |   | SCALE:                  | SHEET | OF | SHEETS | STA.        | TO STA. | FRANKLIN                  | 94           | 44        |
| \$MODELNAME\$                                       |                      | CHECKED -  | REVISED - |   |                         |       |    |        |             |         | CONTRACT NO. 78288        |              |           |
|   |                      | DATE -     | REVISED - |   |                         |       |    |        |             |         | ILLINOIS FED. AID PROJECT |              |           |



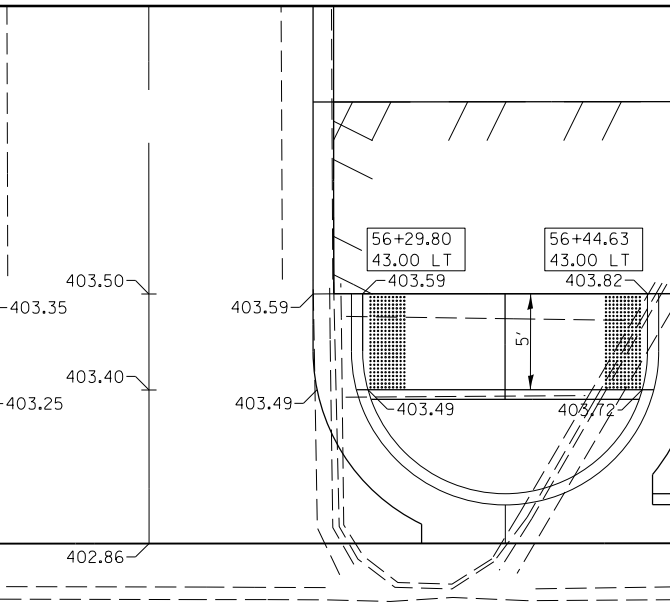
**ALLEY 52+79.97 RT. (IL 37)**



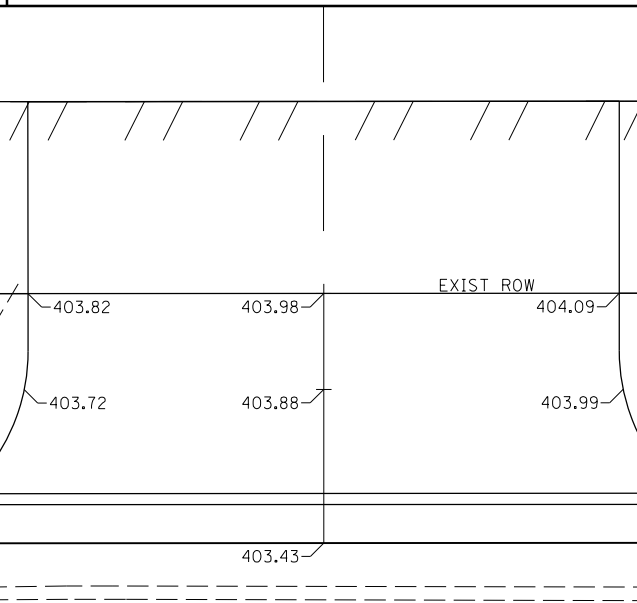
**C.E. 53+23.81 LT. (IL 37)**



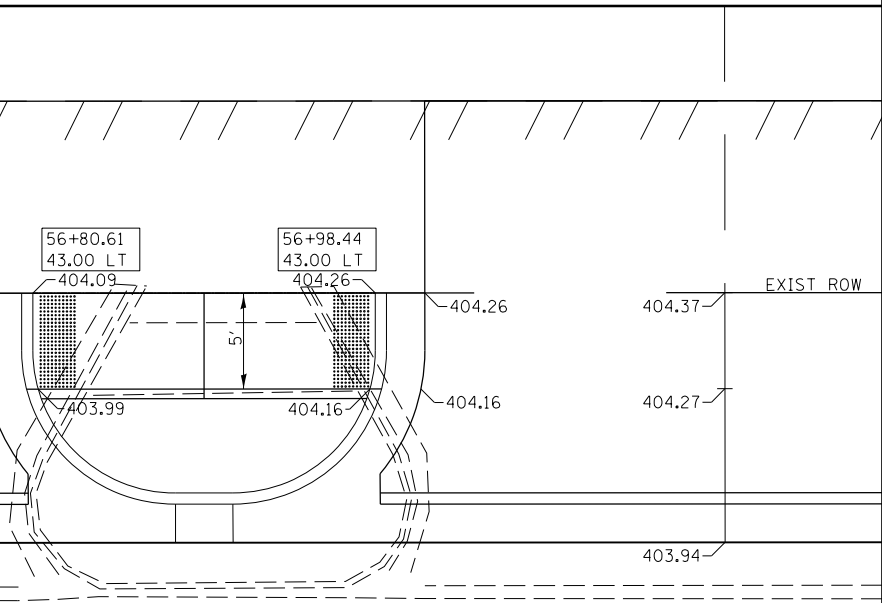
**C.E. 55+72.60 LT. (IL 37)**



**ALLEY 56+18.66 LT. (IL 37)**



**C.E. 56+62.62 LT. (IL 37)**



**C.E. 57+16.66 LT. (IL 37)**

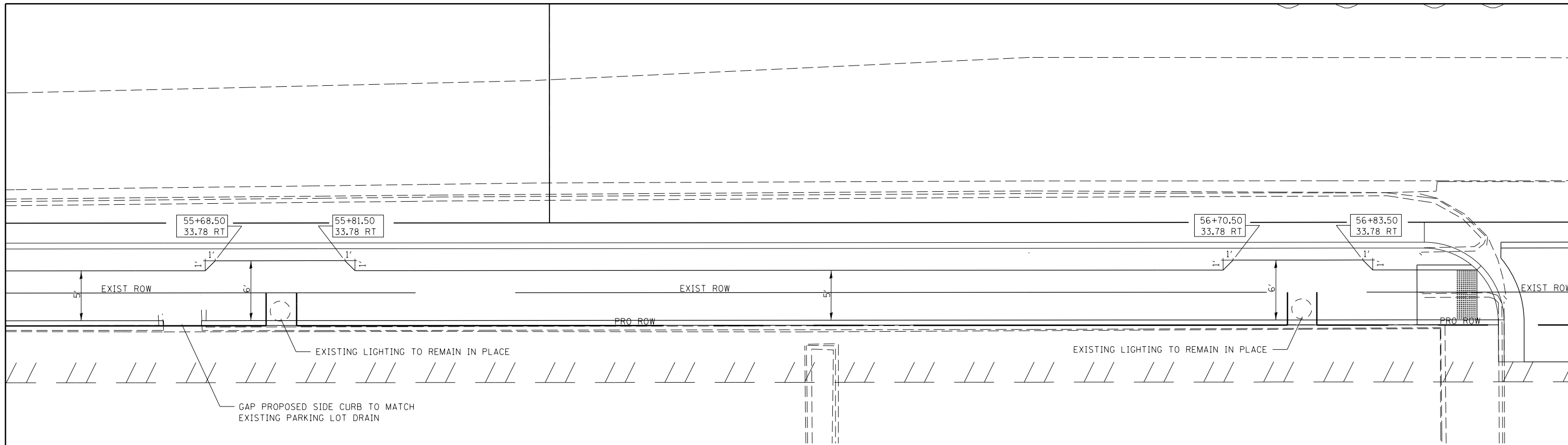
|   |                            |            |           |
|---|----------------------------|------------|-----------|
| FILE NAME =   | USER NAME = \$USER\$       | DESIGNED - | REVISED - |
| ei:\pw\work\p1dot\puffer\0293206\78288-sh1-plan.dgn |                            | DRAWN -    | REVISED - |
| \$MODELNAME\$                                       | PLOT SCALE = 10.0000' / 1" | CHECKED -  | REVISED - |
|   | PLOT DATE = 3/22/2013      | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

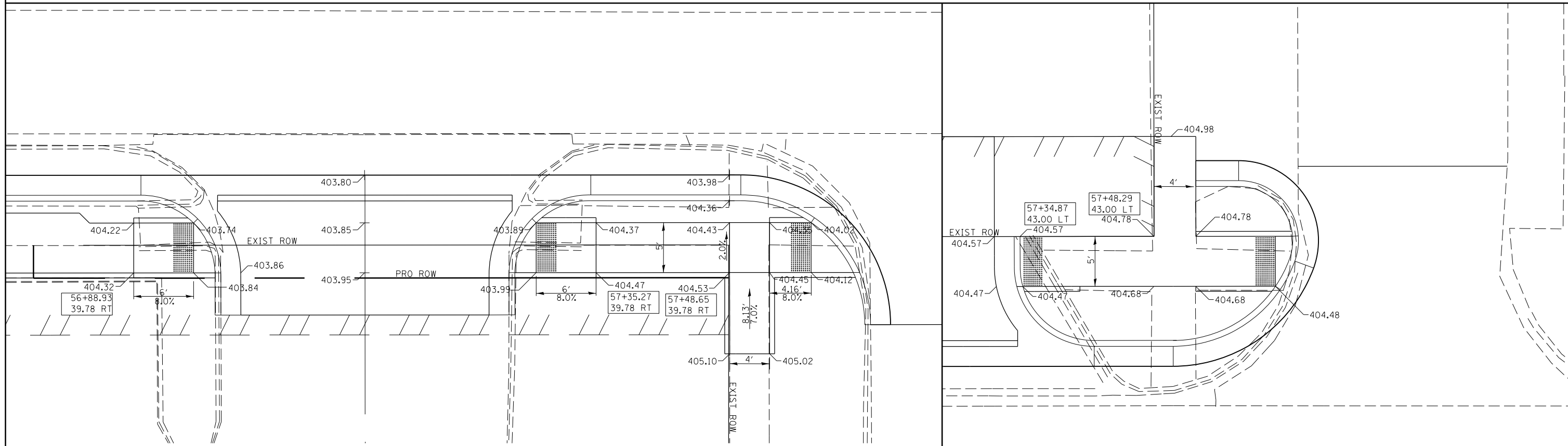
**SIDEWALK DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.U. RTE.               | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|----------|--------------|-----------|
| 9481                      | 12(N-1) | FRANKLIN | 94           | 45        |
| CONTRACT NO. 78288        |         |          |              |           |
| ILLINOIS FED. AID PROJECT |         |          |              |           |



**STA. 55 + 68.50 RT. TO 56 + 83.50 RT. (IL 37)**



**C.E. 57 + 12.12 RT. (IL 37)**

**OAK ST./IL 37**

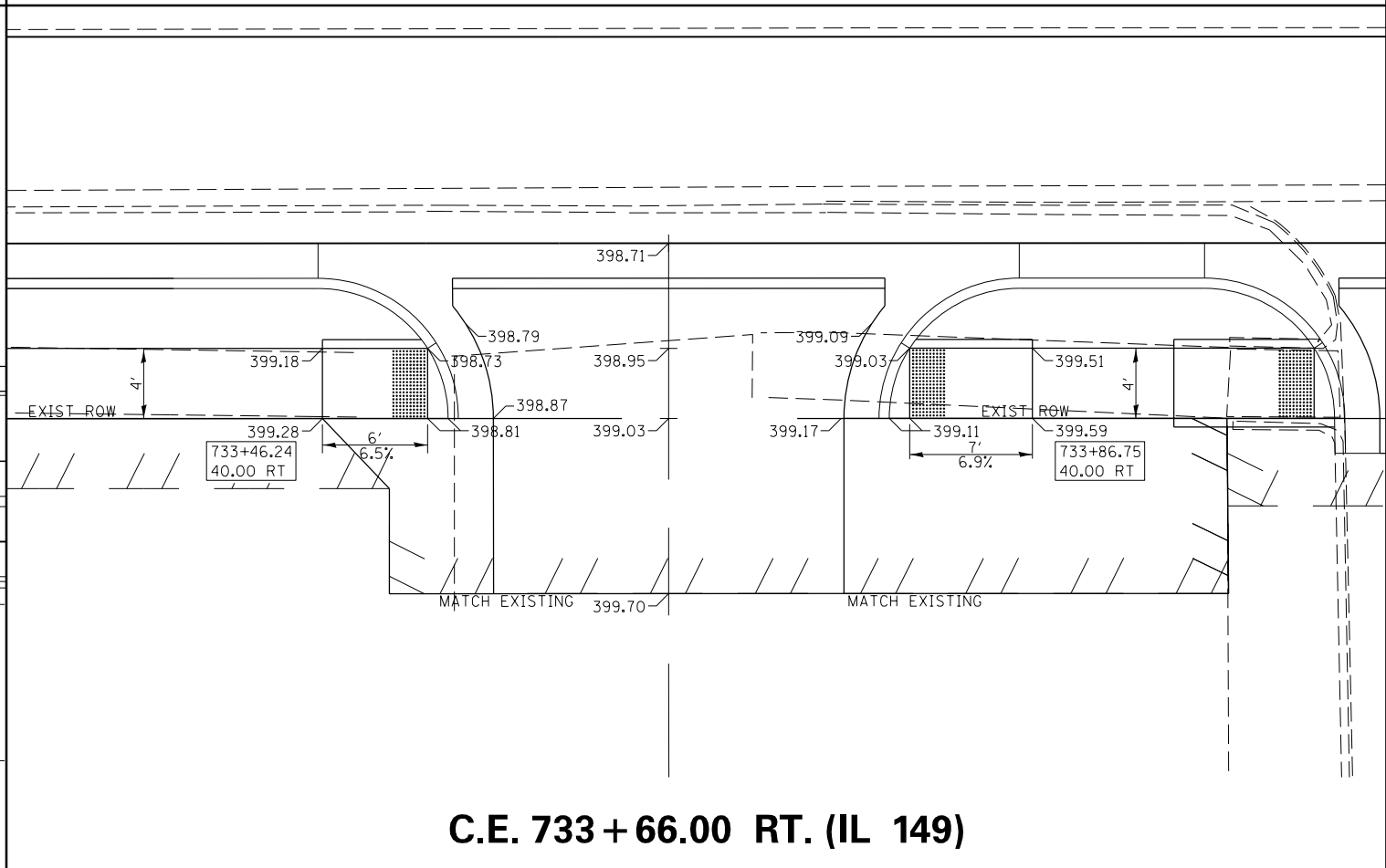
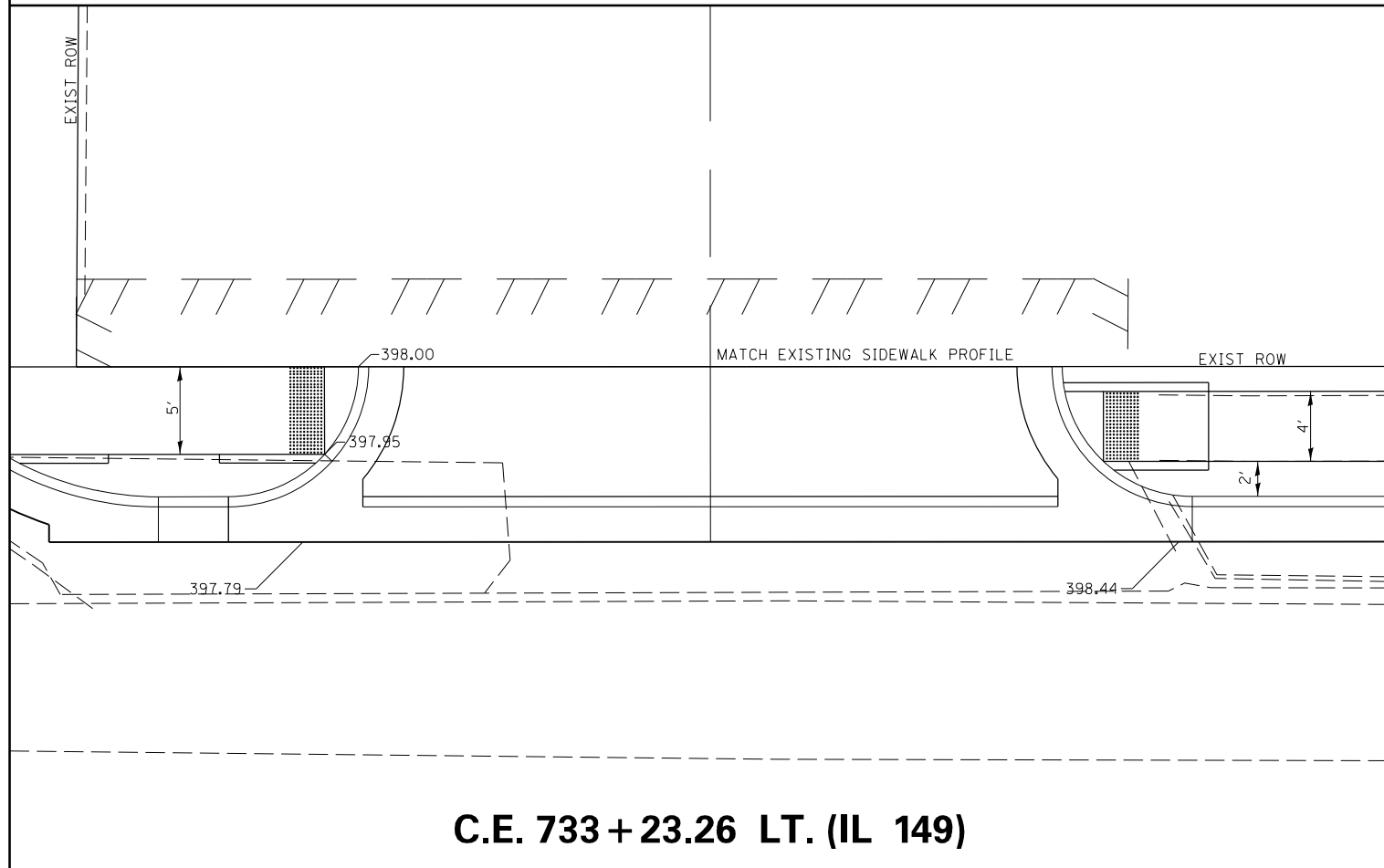
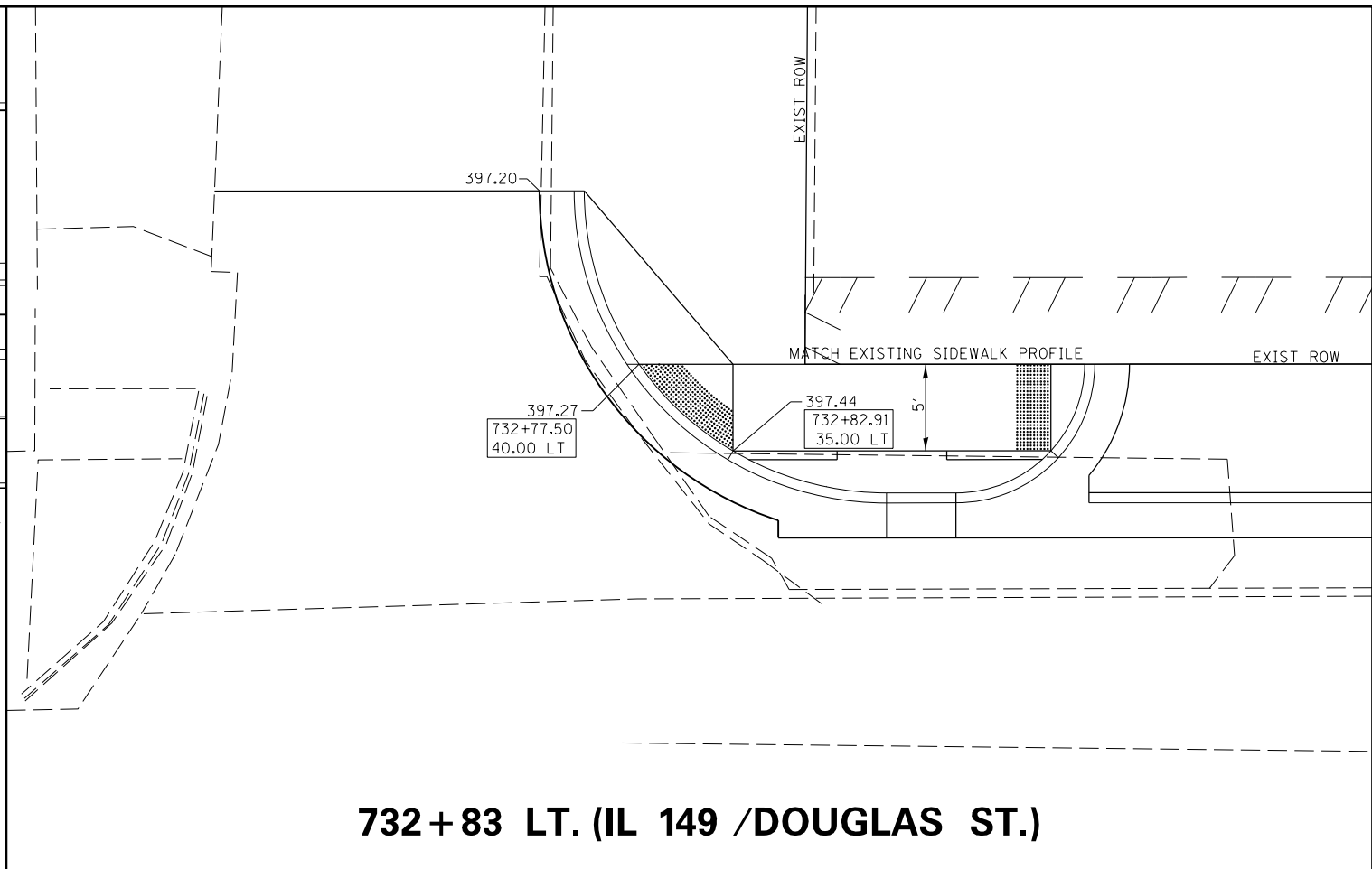
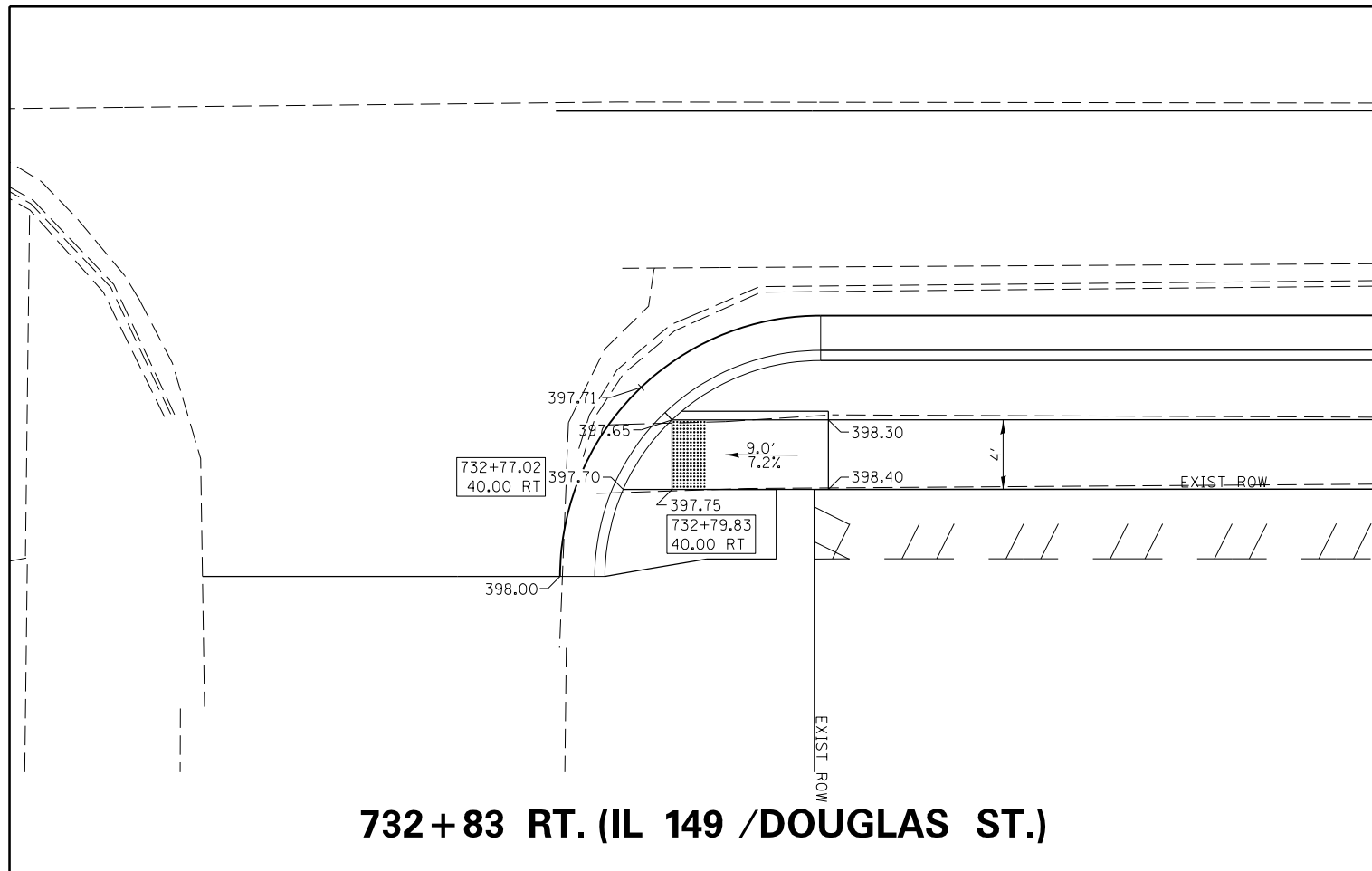
|   |                             |            |           |
|---|-----------------------------|------------|-----------|
| FILE NAME =   | USER NAME = \$USER\$        | DESIGNED - | REVISED - |
| c:\pwwork\pwwork\puffere\10293206178288-shit-plan.dgn |                             | DRAWN -    | REVISED - |
|   | PLOT SCALE = 10.0000' / in. | CHECKED -  | REVISED - |
| \$MODELNAME\$   | PLOT DATE = 3/22/2013       | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

|        |       |    |        |      |    |      |
|--------|-------|----|--------|------|----|------|
| SCALE: | SHEET | OF | SHEETS | STA. | TO | STA. |
|--------|-------|----|--------|------|----|------|

**SIDEWALK DETAILS**

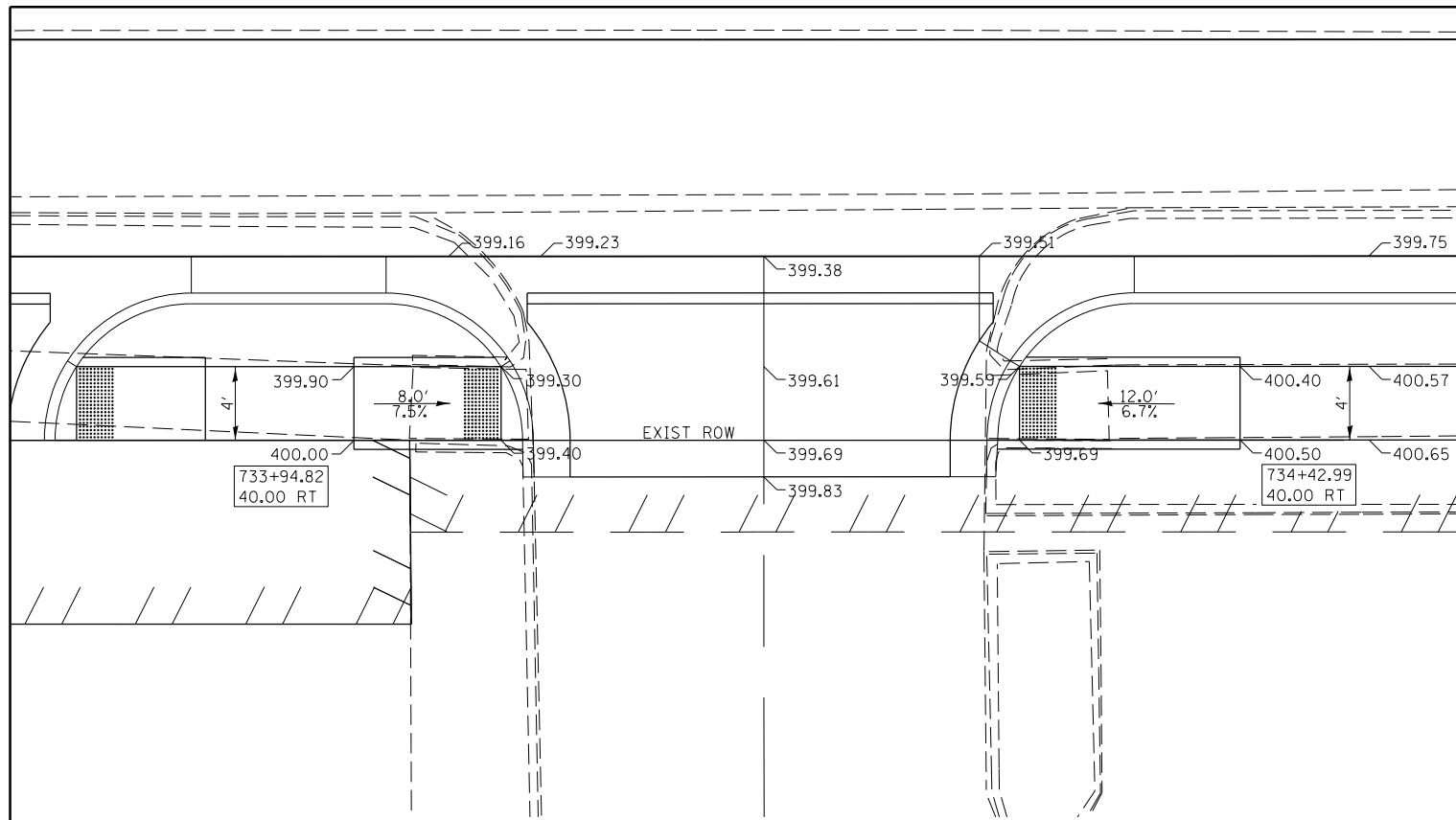
| F.A.U. RTE.        | SECTION | COUNTY   | TOTAL SHEETS              | SHEET NO. |
|--------------------|---------|----------|---------------------------|-----------|
| 9481               | 12(N-1) | FRANKLIN | 94                        | 46        |
| CONTRACT NO. 78288 |         |          | ILLINOIS FED. AID PROJECT |           |



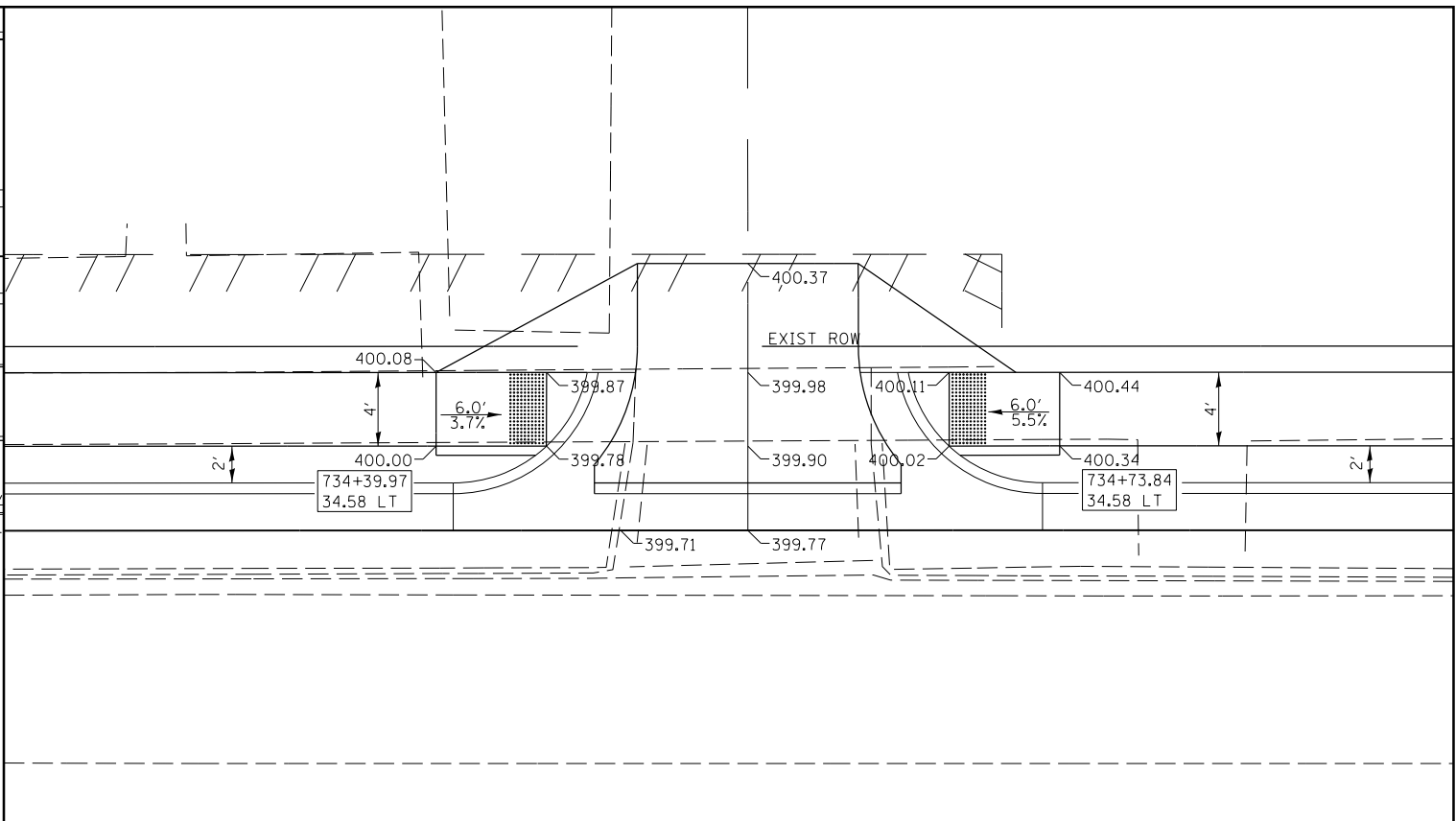
|   |                      |            |           |   |                         |       |    |        |             |         |        |              |           |          |    |    |
|---|----------------------|------------|-----------|---|-------------------------|-------|----|--------|-------------|---------|--------|--------------|-----------|----------|----|----|
| FILE NAME =   | USER NAME = \$USER\$ | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>SIDEWALK DETAILS</b> |       |    |        | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |          |    |    |
| ci:\pw\work\p\midot\puffere\ad293206\78288-sh1-plan.dgn |                      | DRAWN -    | REVISED - |   | SCALE:                  | SHEET | OF | SHEETS | STA.        | TO      | STA.   | 9481         | 12(N-1)   | FRANKLIN | 94 | 47 |
| \$MODELNAME\$   |                      | CHECKED -  | REVISED - |   |                         |       |    |        |             |         |        |              |           |          |    |    |
|   |                      | DATE -     | REVISED - |   |                         |       |    |        |             |         |        |              |           |          |    |    |

ILLINOIS FED. AID PROJECT

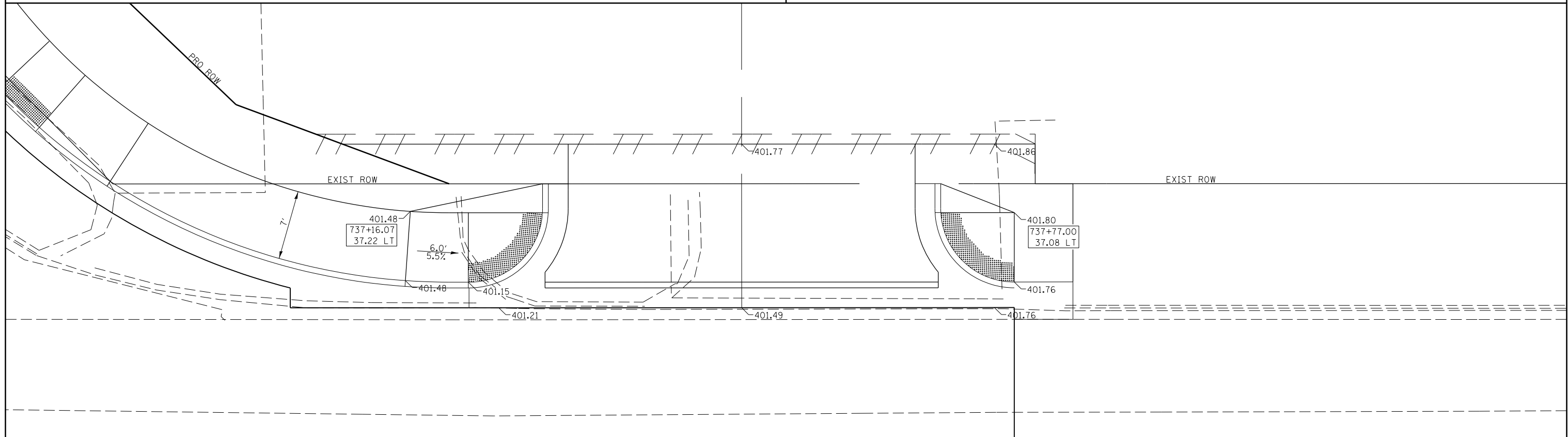




**C.E. X734 + 17.11 RT. (IL 149)**



**C.E. 734 + 56.91 LT. (IL 149)**



**C.E. 737 + 49.50 LT. (IL 149)**

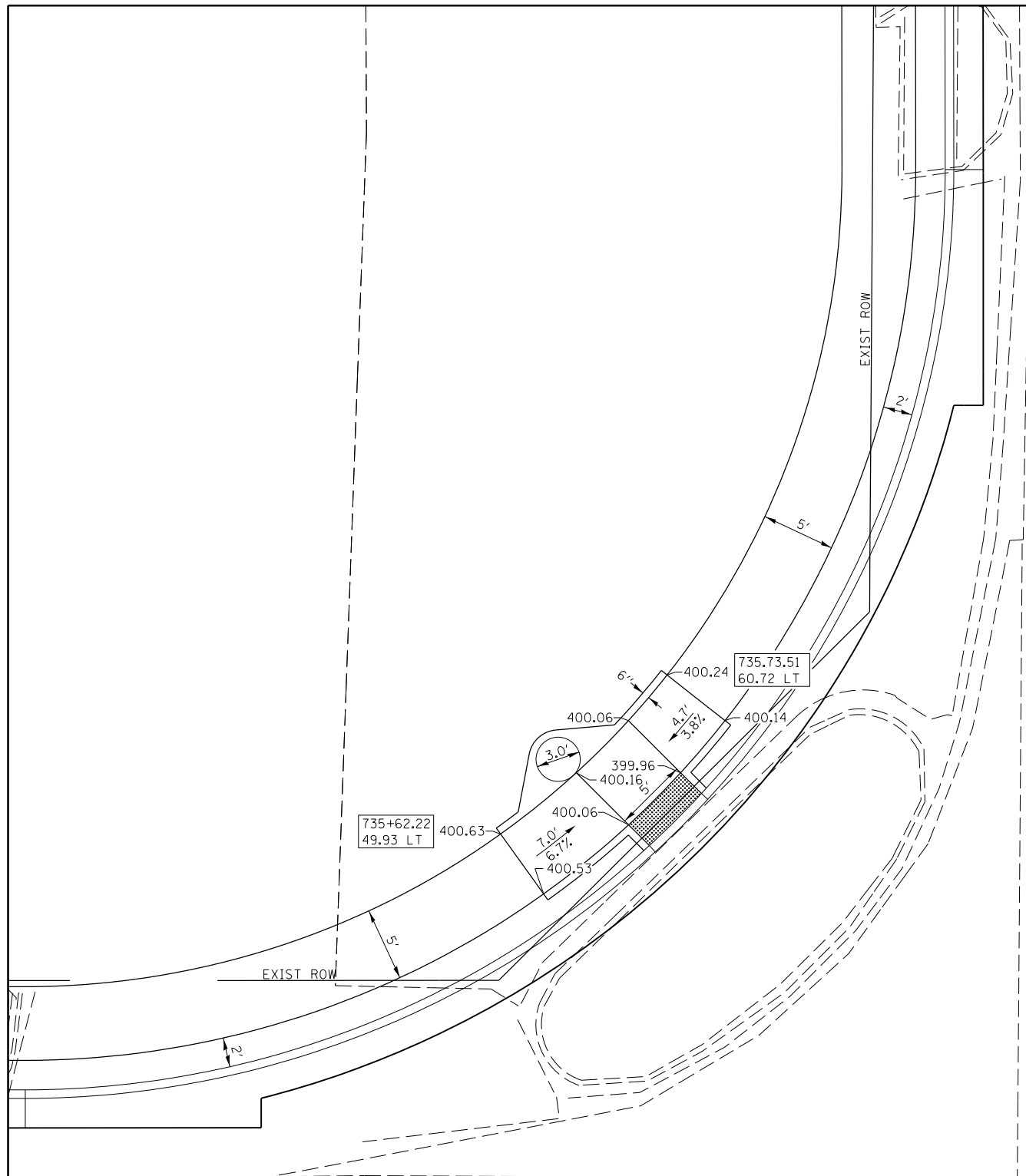
|   |                            |            |           |
|---|----------------------------|------------|-----------|
| FILE NAME =   | USER NAME = \$USER\$       | DESIGNED - | REVISED - |
| c:\pwwork\pwwork\puffer\ad0293206\78288-shit-plan.dgn |                            | DRAWN -    | REVISED - |
|   | PLOT SCALE = 10.0000' / 1" | CHECKED -  | REVISED - |
| \$MODELNAME\$   | PLOT DATE = 3/22/2013      | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

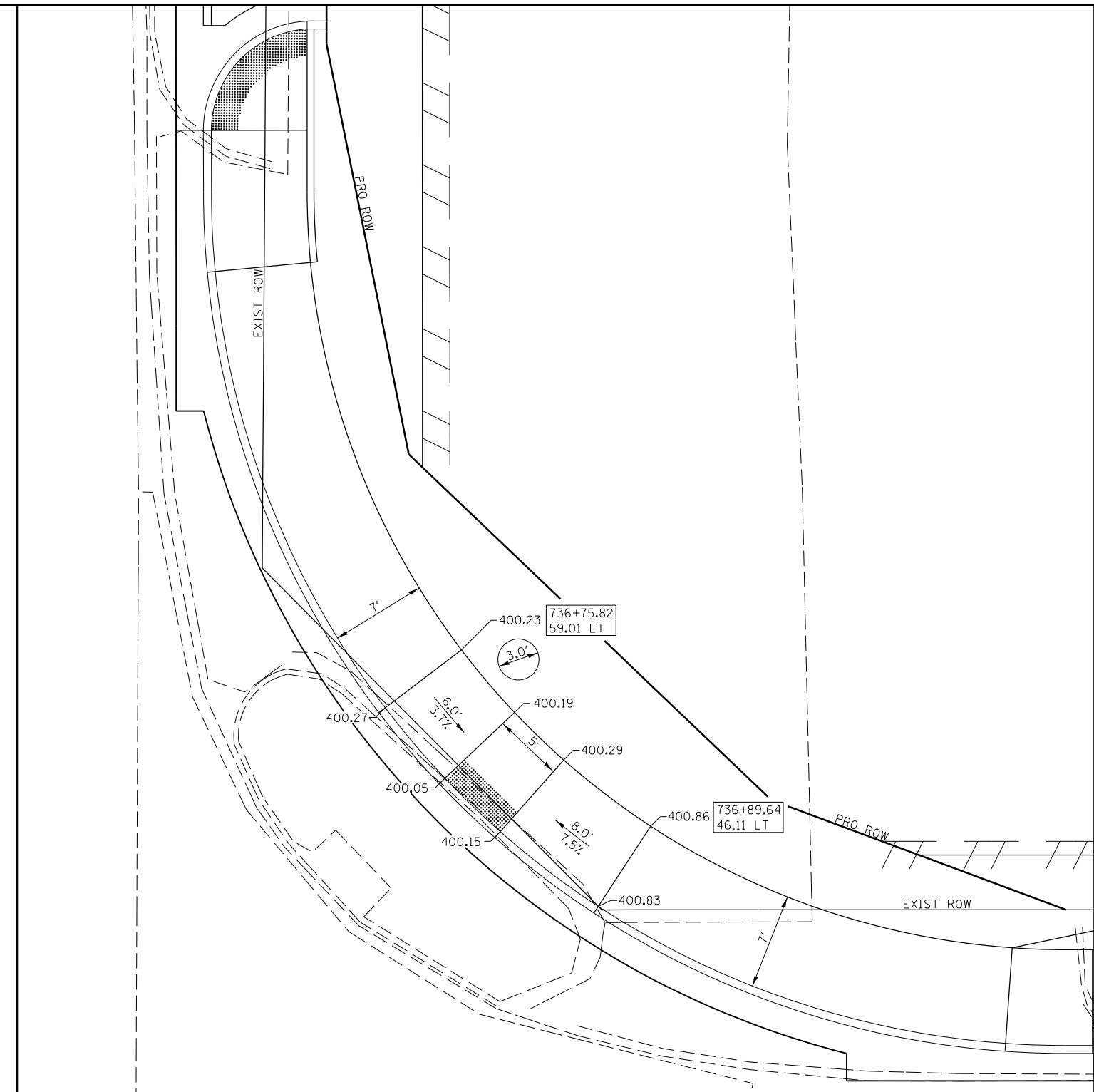
**SIDEWALK DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.U. RTE.        | SECTION | COUNTY   | TOTAL SHEETS              | SHEET NO. |
|--------------------|---------|----------|---------------------------|-----------|
| 9481               | 12(N-1) | FRANKLIN | 94                        | 48        |
| CONTRACT NO. 78288 |         |          | ILLINOIS FED. AID PROJECT |           |



**NORTHWEST RADIUS**



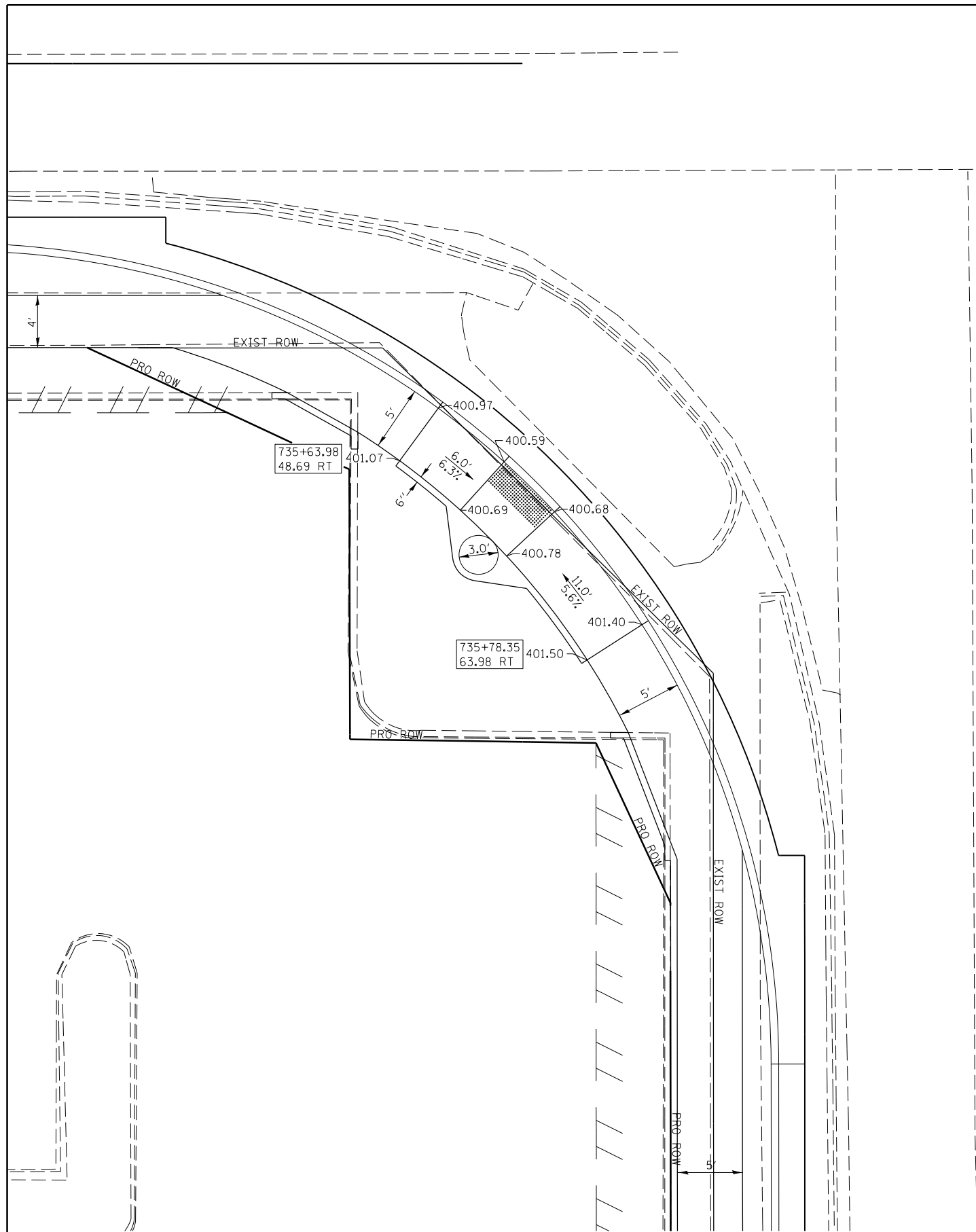
**NORTHEAST RADIUS**

|   |                             |            |           |
|---|-----------------------------|------------|-----------|
| FILE NAME =   | USER NAME = \$USER*         | DESIGNED - | REVISED - |
| et:\pw\work\p\idot\puffere\ad293206\78288-sh\plan.dgn |                             | DRAWN -    | REVISED - |
| \$MODELNAME*  | PLOT SCALE = 10.0000' / in. | CHECKED -  | REVISED - |
|   | PLOT DATE = 3/22/2013       | DATE -     | REVISED - |

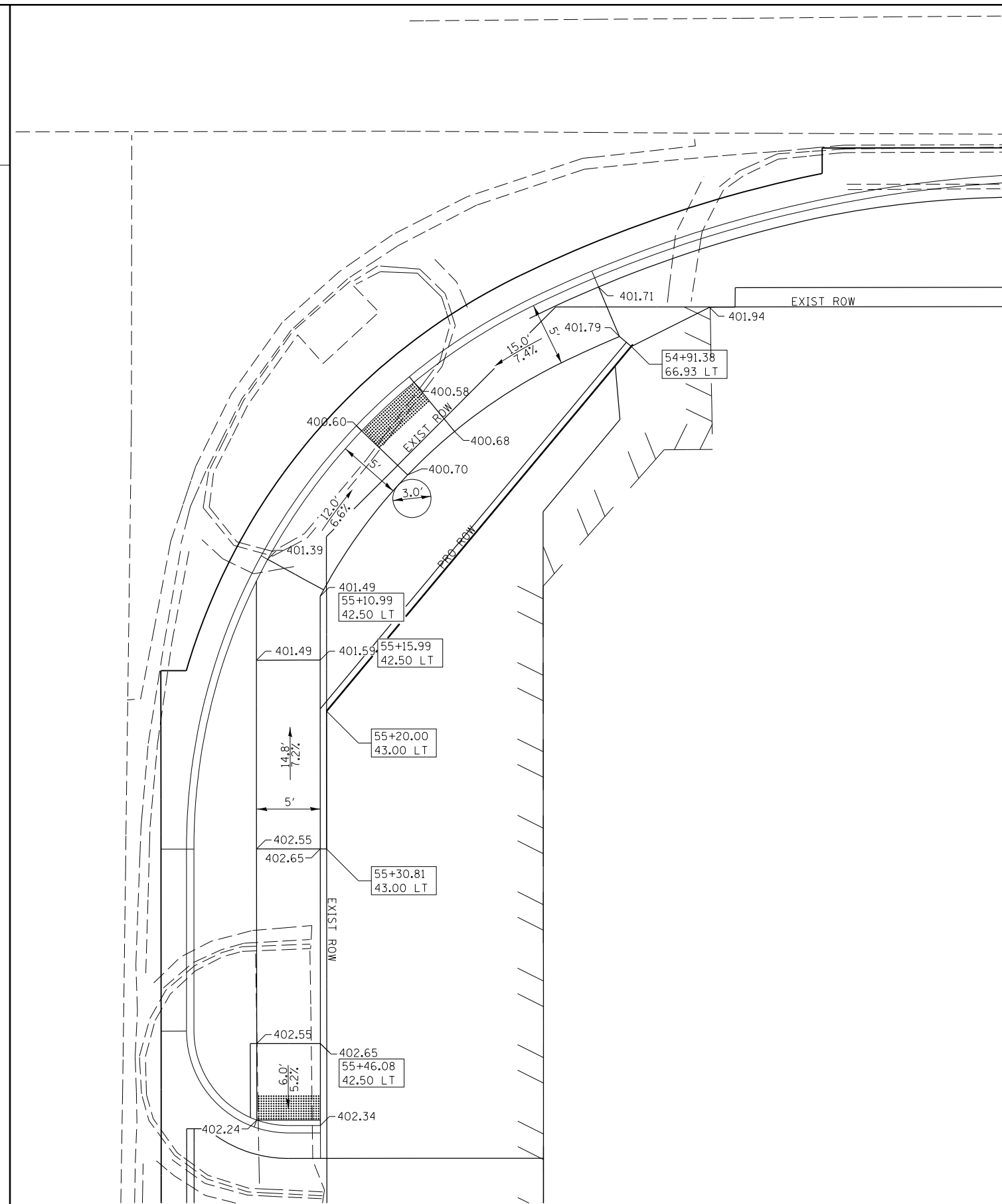
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

|                         |       |    |        |              |
|-------------------------|-------|----|--------|--------------|
| <b>SIDEWALK DETAILS</b> |       |    |        |              |
| SCALE:                  | SHEET | OF | SHEETS | STA. TO STA. |

|                           |         |          |              |           |
|---------------------------|---------|----------|--------------|-----------|
| F.A.U. RTE.               | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO. |
| 9481                      | 12(N-1) | FRANKLIN | 94           | 49        |
| CONTRACT NO. 78288        |         |          |              |           |
| ILLINOIS FED. AID PROJECT |         |          |              |           |



**SOUTHWEST RADIUS**



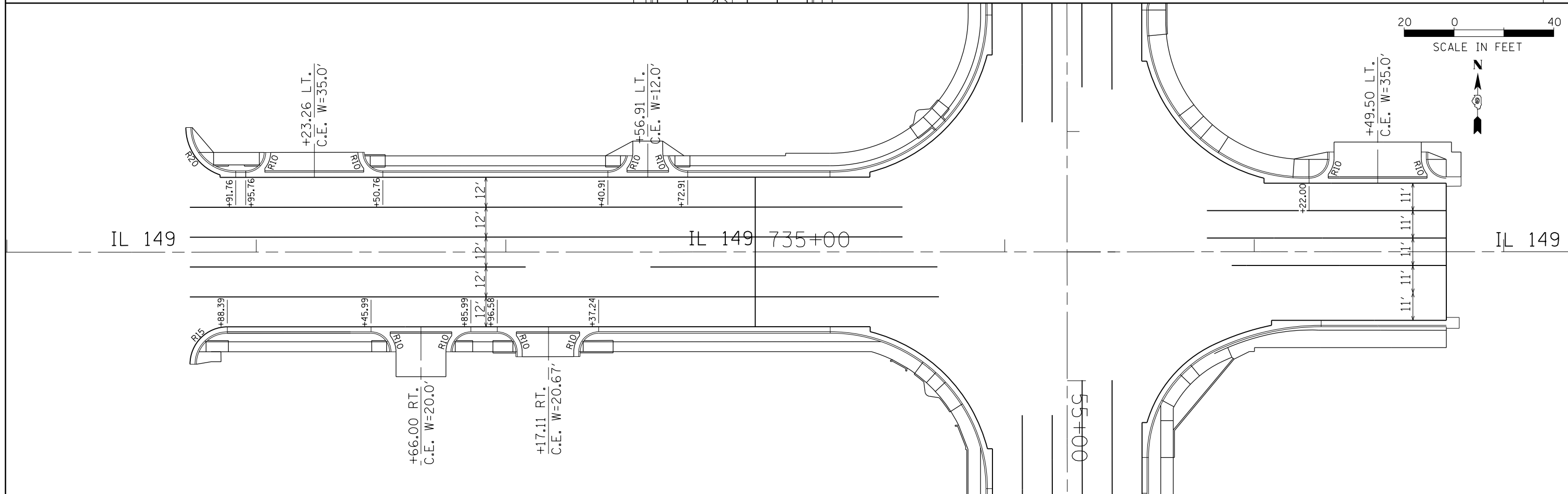
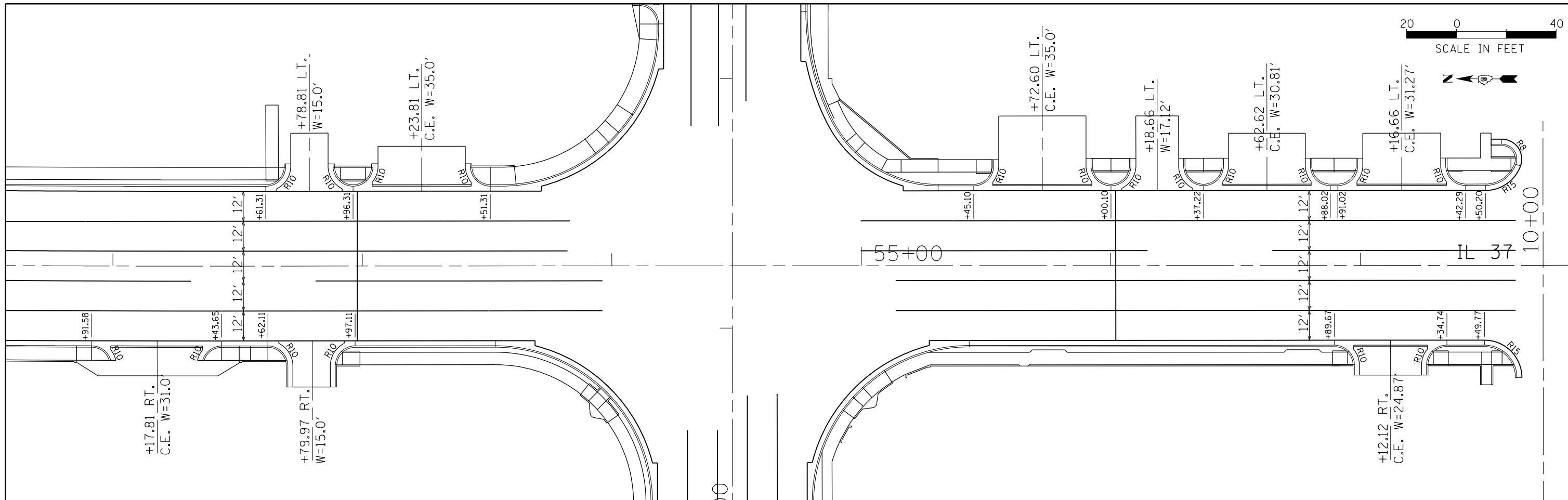
**SOUTHEAST RADIUS**

|   |                             |            |           |
|---|-----------------------------|------------|-----------|
| FILE NAME =   | USER NAME = \$USER\$        | DESIGNED - | REVISED - |
| ct:\pw\work\p1dot\puffer\0293206\78288-sh1-plan.dgn |                             | DRAWN -    | REVISED - |
| \$MODELNAME\$                                       | PLOT SCALE = 10.0000' / in. | CHECKED -  | REVISED - |
|   | PLOT DATE = 3/22/2013       | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

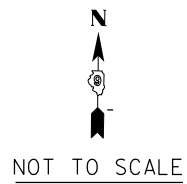
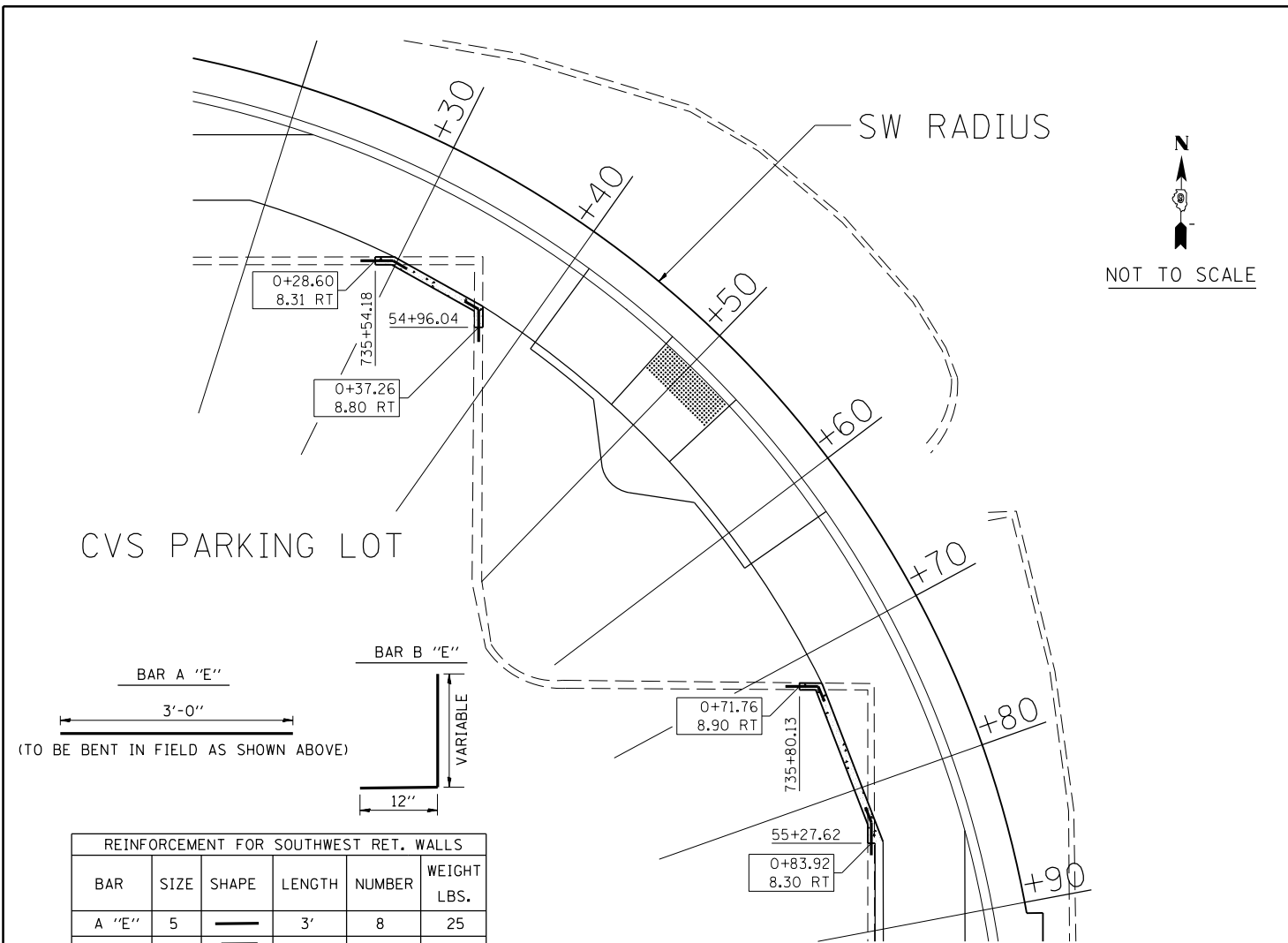
|                         |       |    |        |              |
|-------------------------|-------|----|--------|--------------|
| <b>SIDEWALK DETAILS</b> |       |    |        |              |
| SCALE:                  | SHEET | OF | SHEETS | STA. TO STA. |

|                    |         |          |                           |           |
|--------------------|---------|----------|---------------------------|-----------|
| F.A.U. RTE.        | SECTION | COUNTY   | TOTAL SHEETS              | SHEET NO. |
| 9481               | 12(N-1) | FRANKLIN | 94                        | 50        |
| CONTRACT NO. 78288 |         |          | ILLINOIS FED. AID PROJECT |           |



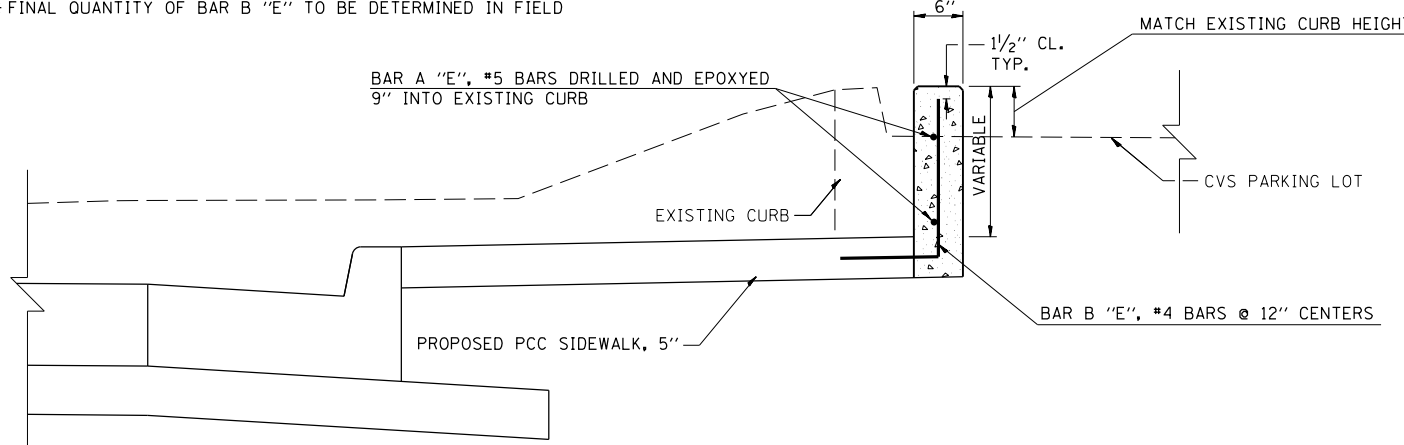
|  |                             |            |           |   |   |  |  |                    |         |          |                 |              |
|--|-----------------------------|------------|-----------|---|---|--|--|--------------------|---------|----------|-----------------|--------------|
| FILE NAME =  | USER NAME = \$USER\$        | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>ENTRANCE DETAILS</b>   |  |  | F.A.U<br>RTE.      | SECTION | COUNTY   | TOTAL<br>SHEETS | SHEET<br>NO. |
| ci:\pw\work\p\idot\puffer\ad0293206178288-sh1-plan.dgn |                             | DRAWN -    | REVISED - |   |   |  |  | 9481               | 12(N-1) | FRANKLIN | 94              | 51           |
| \$MODELNAME\$  | PLOT SCALE = 40.0000' / in. | CHECKED -  | REVISED - |   | SCALE:      SHEET      OF      SHEETS      STA.      TO      STA. |  |  | CONTRACT NO. 78288 |         |          |                 |              |
|  | PLOT DATE = 3/22/2013       | DATE -     | REVISED - |   | ILLINOIS FED. AID PROJECT   |  |  |                    |         |          |                 |              |





| BAR   | SIZE | SHAPE | LENGTH | NUMBER | WEIGHT LBS. |
|-------|------|-------|--------|--------|-------------|
| A "E" | 5    |       | 3'     | 8      | 25          |
| B "E" | 4    |       | VAR.*  | 19     | 50          |
| TOTAL |      |       |        |        | 75          |

\* FINAL QUANTITY OF BAR B "E" TO BE DETERMINED IN FIELD

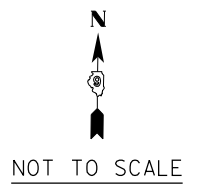
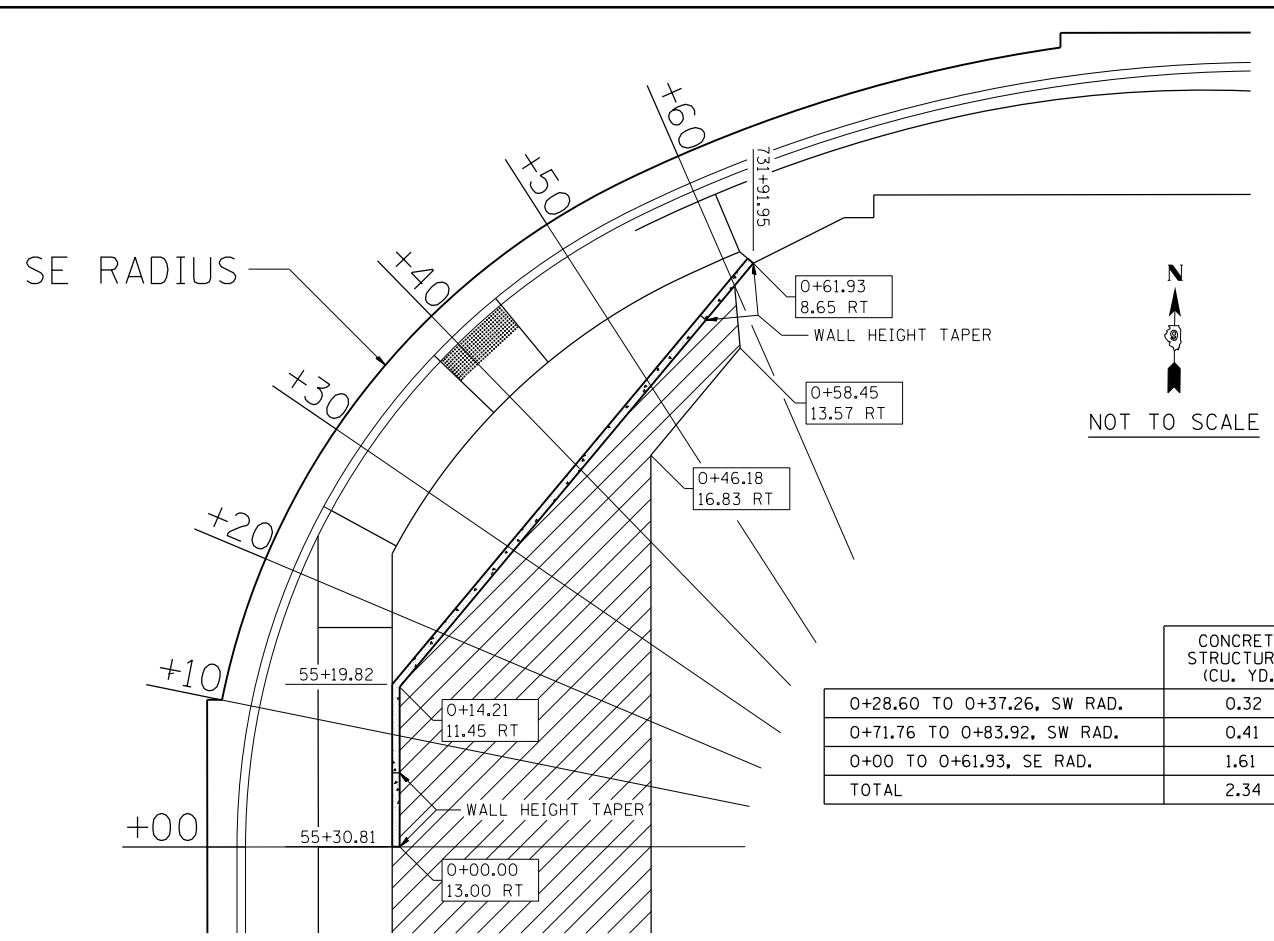


| CONCRETE STRUCTURES (CU. YD.) | WEIGHT LBS. |
|-------------------------------|-------------|
| 0+28.60 TO 0+37.26, SW RAD.   | 0.32        |
| 0+71.76 TO 0+83.92, SW RAD.   | 0.41        |
| 0+00 TO 0+61.93, SE RAD.      | 1.61        |
| TOTAL                         | 2.34        |

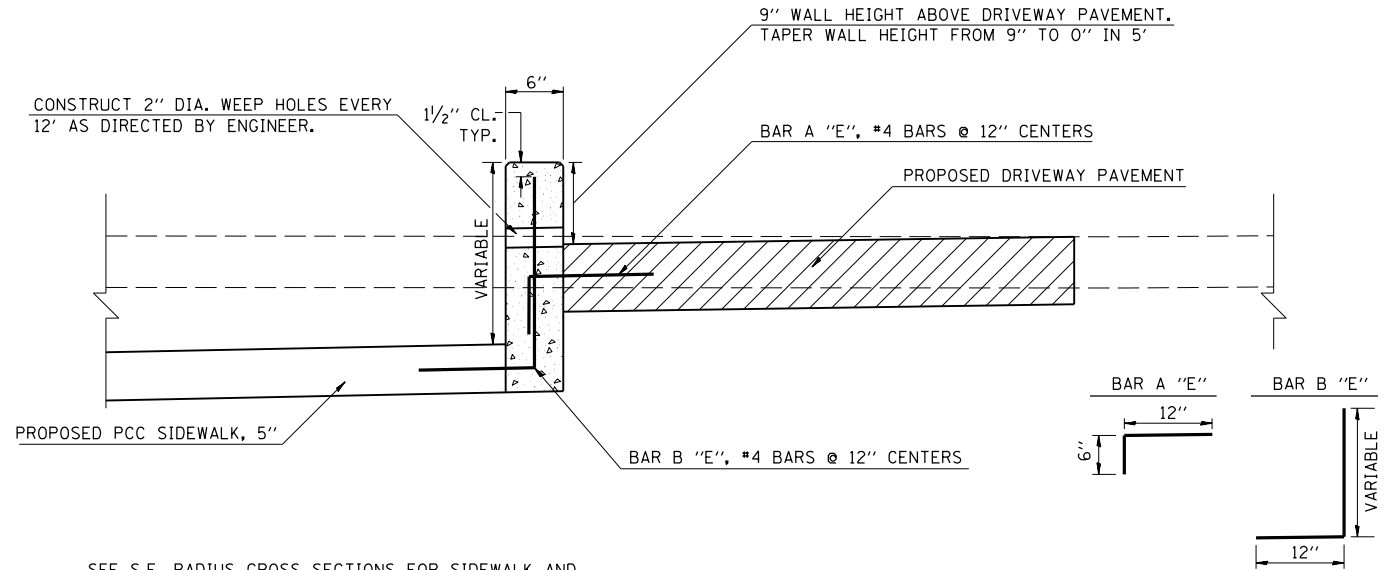
SEE S.W. RADIUS CROSS SECTIONS FOR SIDEWALK ELEVATIONS.  
 WORK INVOLVED IN THE CONSTRUCTION OF RETAINING WALLS AND REINFORCEMENT WILL BE PAID FOR AS CONCRETE STRUCTURES (CU YD).

### RETAINING WALL DETAIL

(TO BE USED STA. 0+28.60 TO 0+37.26 & 0+71.76 TO 0+83.92, SW RADIUS)



| CONCRETE STRUCTURES (CU. YD.) | WEIGHT LBS. |
|-------------------------------|-------------|
| 0+28.60 TO 0+37.26, SW RAD.   | 0.32        |
| 0+71.76 TO 0+83.92, SW RAD.   | 0.41        |
| 0+00 TO 0+61.93, SE RAD.      | 1.61        |
| TOTAL                         | 2.34        |



SEE S.E. RADIUS CROSS SECTIONS FOR SIDEWALK AND DRIVEWAY PAVEMENT ELEVATIONS.

WORK INVOLVED IN THE CONSTRUCTION OF RETAINING WALL, INCLUDING WEEP HOLES AND REINFORCEMENT WILL BE PAID FOR AS CONCRETE STRUCTURES (CU YD).

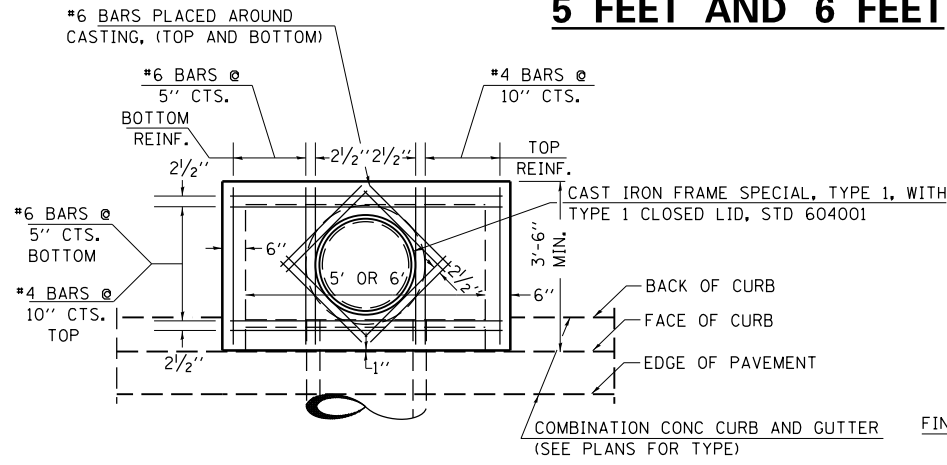
| BAR   | SIZE | SHAPE | LENGTH | NUMBER | WEIGHT LBS. |
|-------|------|-------|--------|--------|-------------|
| A "E" | 4    |       | 18"    | 47     | 47          |
| B "E" | 4    |       | VAR.*  | 47     | 78          |
| TOTAL |      |       |        |        | 125         |

\* FINAL QUANTITY OF BAR B "E" TO BE DETERMINED IN FIELD

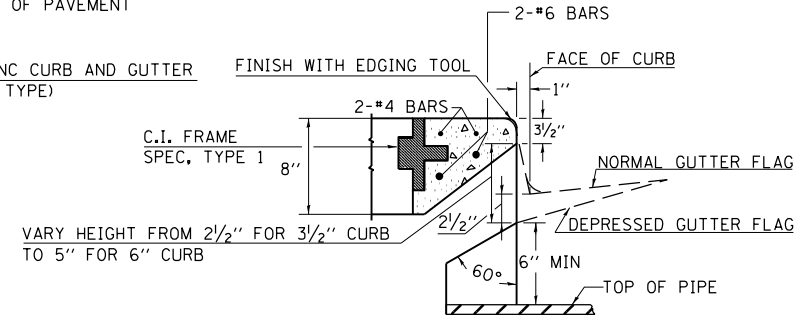
### RETAINING WALL DETAIL

(TO BE USED STA. 0+00 TO 0+61.93, SE RADIUS)

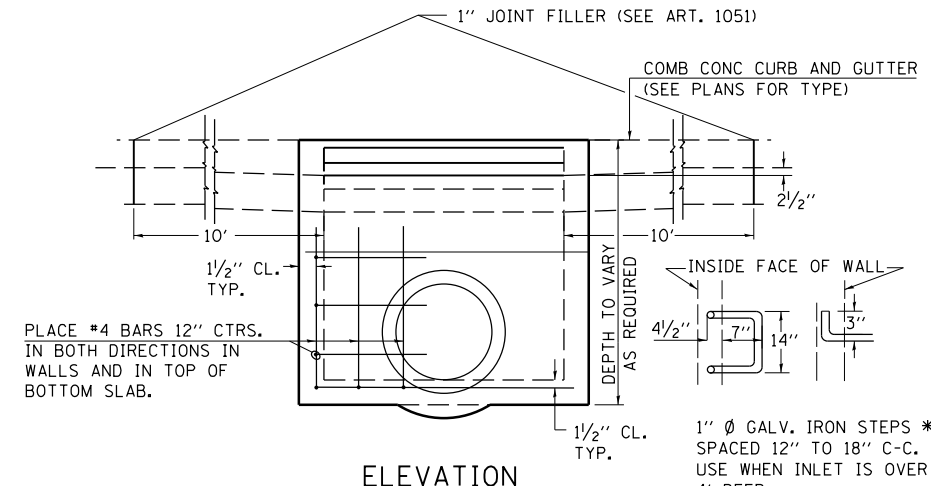
# DETAILS OF INLET SPECIAL, TYPE 3, 5 FEET AND 6 FEET



PLAN



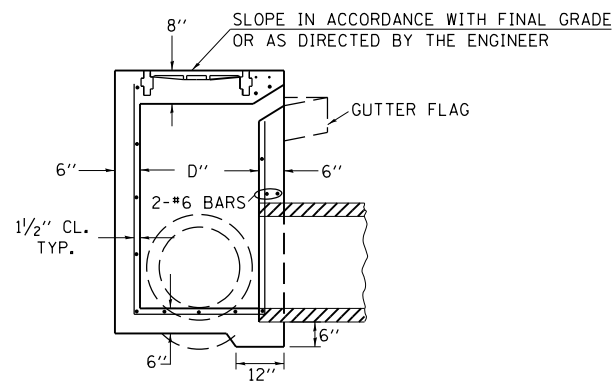
SECTION AT WEIR



ELEVATION

| DESIGN | PIPE DIA   | "D"   |
|--------|------------|-------|
| A      | 18" & LESS | 2'-6" |
| B      | 21" & 24"  | 3'-0" |
| C      | 27" & 30"  | 3'-7" |
| D      | 33" & 36"  | 4'-2" |
| E      | 42"        | 4'-9" |
| F      | 48"        | 5'-0" |
| G      | 54"        | 6'-1" |

1" Ø GALV. IRON STEPS \*\*  
SPACED 12" TO 18" C-C.  
USE WHEN INLET IS OVER  
4' DEEP.



SECTION

**NOTE TO DESIGNER:**

WHEN USING THIS STANDARD THE DESIGNER SHOULD ALSO CHECK BDE SPECIAL PROVISION 419 "PRECAST CONCRETE PRODUCTS".

| REVISIONS |         |         |         |
|-----------|---------|---------|---------|
| REDRAWN   | 2-15-89 | REVISED | 3-26-08 |
| REVISED   | 8-15-94 | REVISED |         |
| REVISED   | 1-19-99 | REVISED |         |
| REVISED   | 5-6-04  | REVISED |         |

STD. 9-1

**NOTES:**

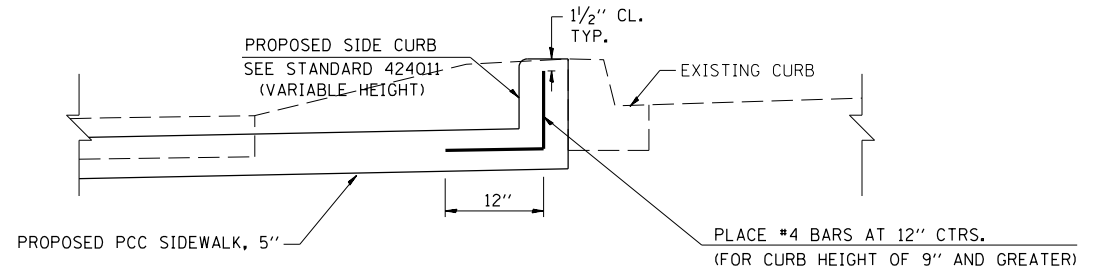
PROVIDE 1/2" CLEARANCE TYP. ALL REINFORCEMENT UNLESS OTHERWISE SPECIFIED.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT. SET FACE OF INLET 1" BEHIND FACE OF CURB. DEPRESS GUTTER FLOWLINE AT INLET 2 1/2" BELOW NORMAL GUTTER FLOWLINE. CONSTRUCT TRANSITION IN FLOWLINE IN 10 FEET EACH SIDE OF INLET. PIPES TO BE CONNECTED TO INLET AS SHOWN ON STORM SEWER LAYOUT.

INLETS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR **INLET, SPECIAL, TYPE 3, 5 FEET** OR **INLET, SPECIAL, TYPE 3, 6 FEET** WHICH PRICE SHALL INCLUDE THE CAST IRON FRAME, SPECIAL, TYPE 1 WITH TYPE 1 CLOSED LID, THE REINFORCEMENT BARS, METAL STEPS AND JOINT FILLER.

\*\*THE GALVANIZED IRON STEPS AS DETAILED HEREON ARE TYPICAL. STEPS OF OTHER DESIGN AND MATERIAL THAT WILL CONFORM TO THE MINIMUM REQUIREMENTS OF THE STEPS SHOWN, MAY BE USED WHEN APPROVED BY THE ENGINEER.

IF THE INLET IS NOT CAST IN PLACE THEN THE INLET SHALL BE PRODUCED ACCORDING TO THE DEPARTMENT'S CURRENT POLICY MEMORANDUM, "QUALITY CONTROL/QUALITY ASSURANCE PROGRAM FOR PRECAST CONCRETE PRODUCTS".

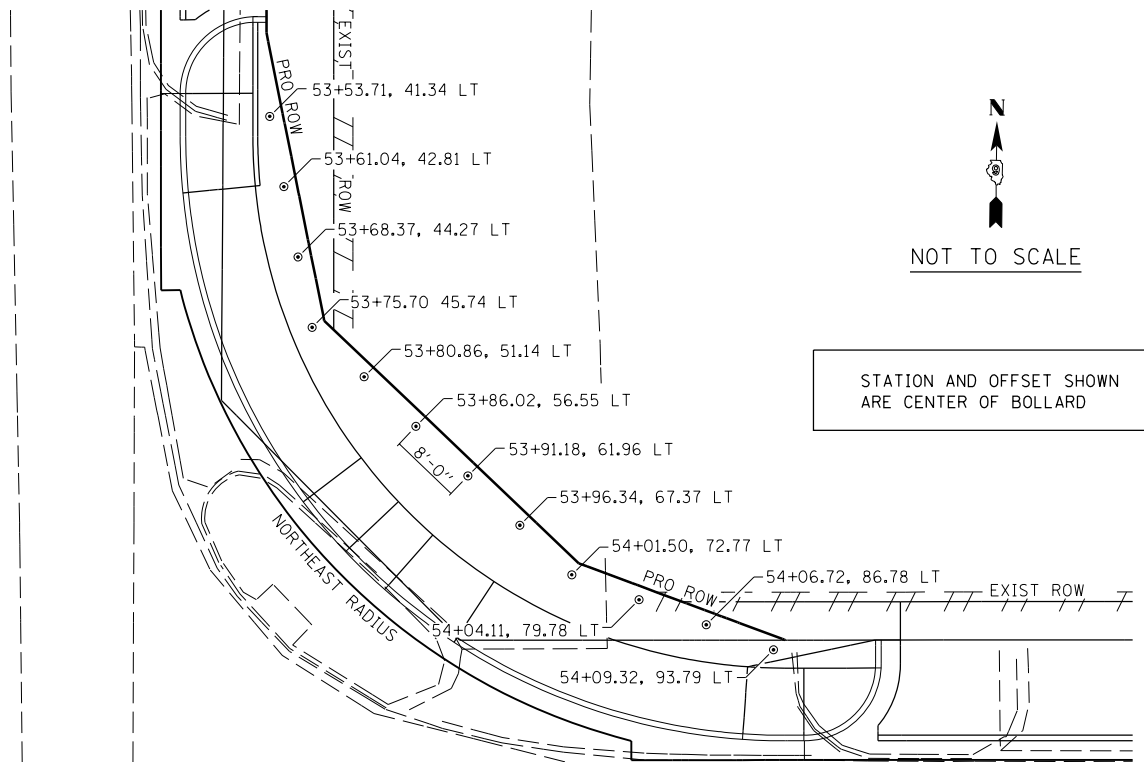


SIDEWALK CURB DETAIL

SIDEWALK CURB DETAIL TO BE USED ON IL 37 AT DIRTBUSTER CARWASH AND CVS PHARMACY. (SEE IL 37 CROSS SECTIONS)

APPROXIMATE LOCATION REINFORCEMENT WILL BE REQUIRED IS STA. 55+28 TO 55+70 RT. IL37. FINAL LOCATIONS TO BE DETERMINED BY THE ENGINEER.

ALL PROPOSED SIDEWALK CURB AND REINFORCEMENT TO BE INCLUDED IN THE COST OF PCC SIDEWALK, 5"



BOLLARD LOCATION DETAIL

STATION AND OFFSET SHOWN ARE CENTER OF BOLLARD

**SIGN PANEL - TYPE 2**

W Main St  
(ILLINOIS 149)

TO BE PLACED ON MAST ARMS:

STA 53+90 (IL 37)  
STA 55+13 (IL 37)

Logan St  
(ILLINOIS 37)

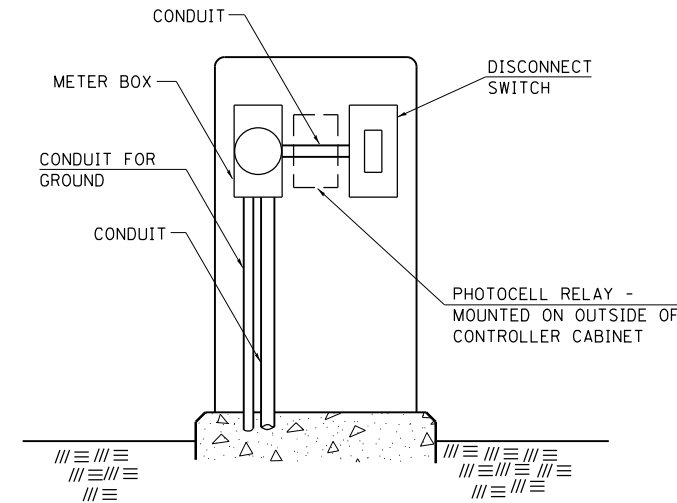
TO BE PLACED ON MAST ARMS:

STA 735+66 (IL 149)  
STA 736+74.73 (IL 149)

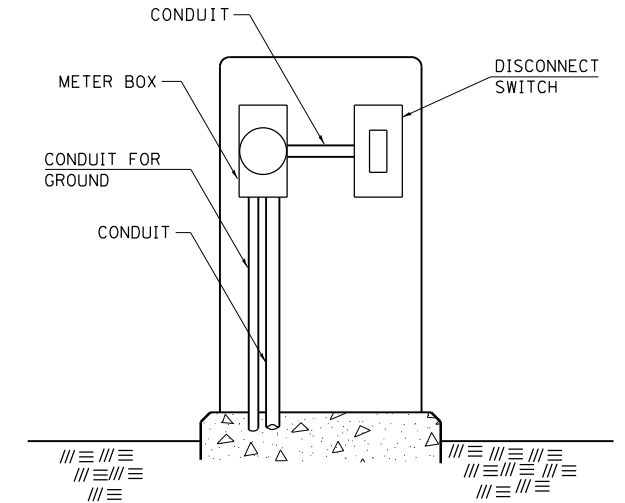
SIGN SIZE 48X30

6" HWY C FOR MAIN AND LOGAN  
4" HWY C FOR OTHER TEXT

**SERVICE INSTALLATION DETAILS**



SERVICE INSTALLATION (SPECIAL)  
WITH PHOTOCELL RELAY



SERVICE INSTALLATION (SPECIAL)

**NOTE:**  
MATERIAL AND SIZE OF CONDUIT  
AND CABLE AS REQUIRED BY  
UTILITY COMPANY

| REVISIONS |         |
|-----------|---------|
| DRAWN     | 1-31-90 |
| REVISED   | 2-24-92 |
| RESIZED   | 5-7-08  |

STD. 9-68

|  |                              |            |           |
|--|------------------------------|------------|-----------|
| FILE NAME =  | USER NAME = \$USER\$         | DESIGNED - | REVISED - |
| ct:\pw\work\p1dot\puffere\0293206\78288-sh1-plan.dgn |                              | DRAWN -    | REVISED - |
|  | PLOT SCALE = 100.0000' / in. | CHECKED -  | REVISED - |
|  | PLOT DATE = 3/22/2013        | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAILS: SIGN PANEL, SERVICE INSTALLATION**

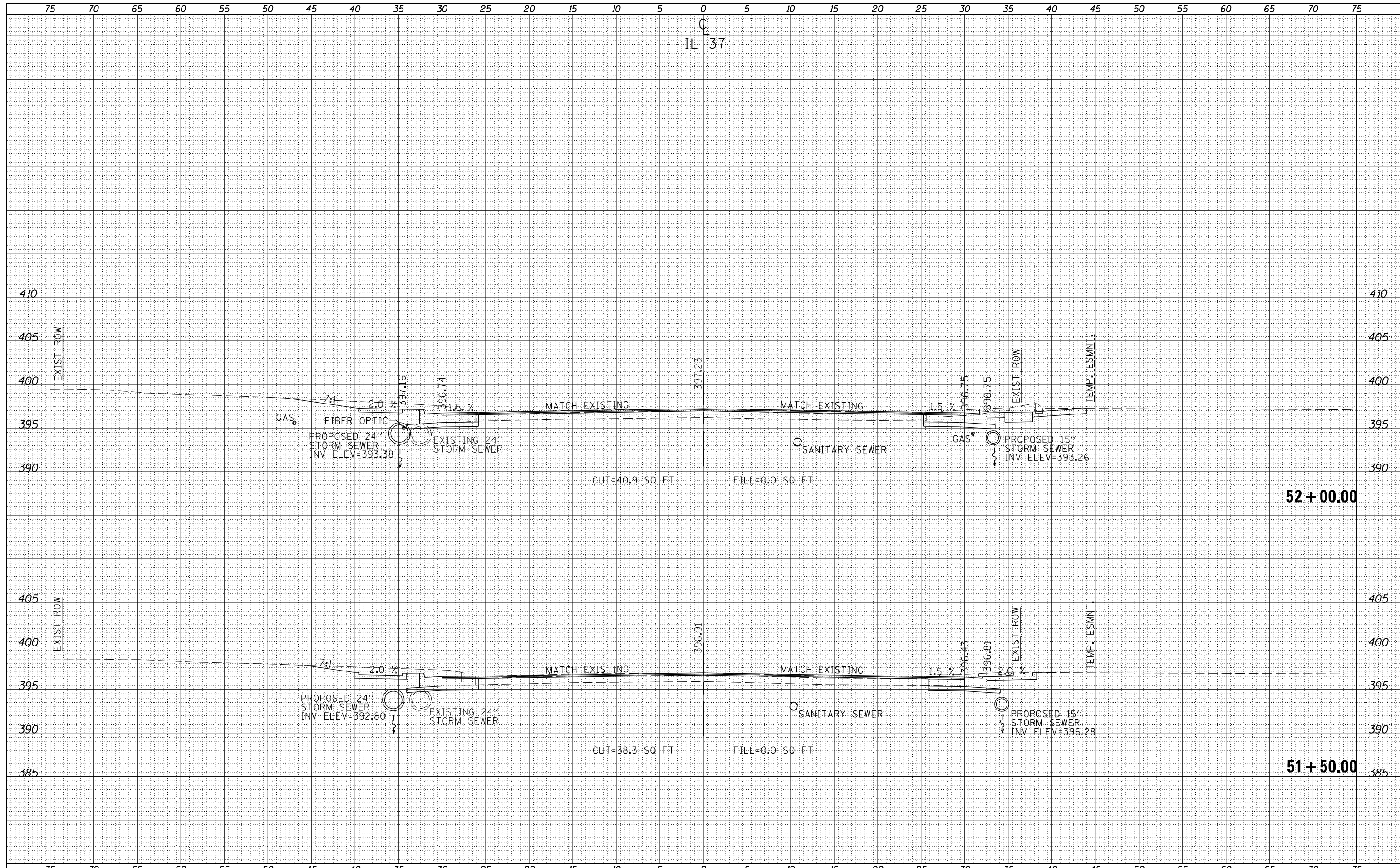
SCALE: SHEET NO. OF SHEETS STA. TO STA.

| F.A.U. RTE.        | SECTION | COUNTY   | TOTAL SHEETS              | SHEET NO. |
|--------------------|---------|----------|---------------------------|-----------|
| 9481               | 12(N-1) | FRANKLIN | 94                        | 55        |
| CONTRACT NO. 78288 |         |          | ILLINOIS FED. AID PROJECT |           |



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

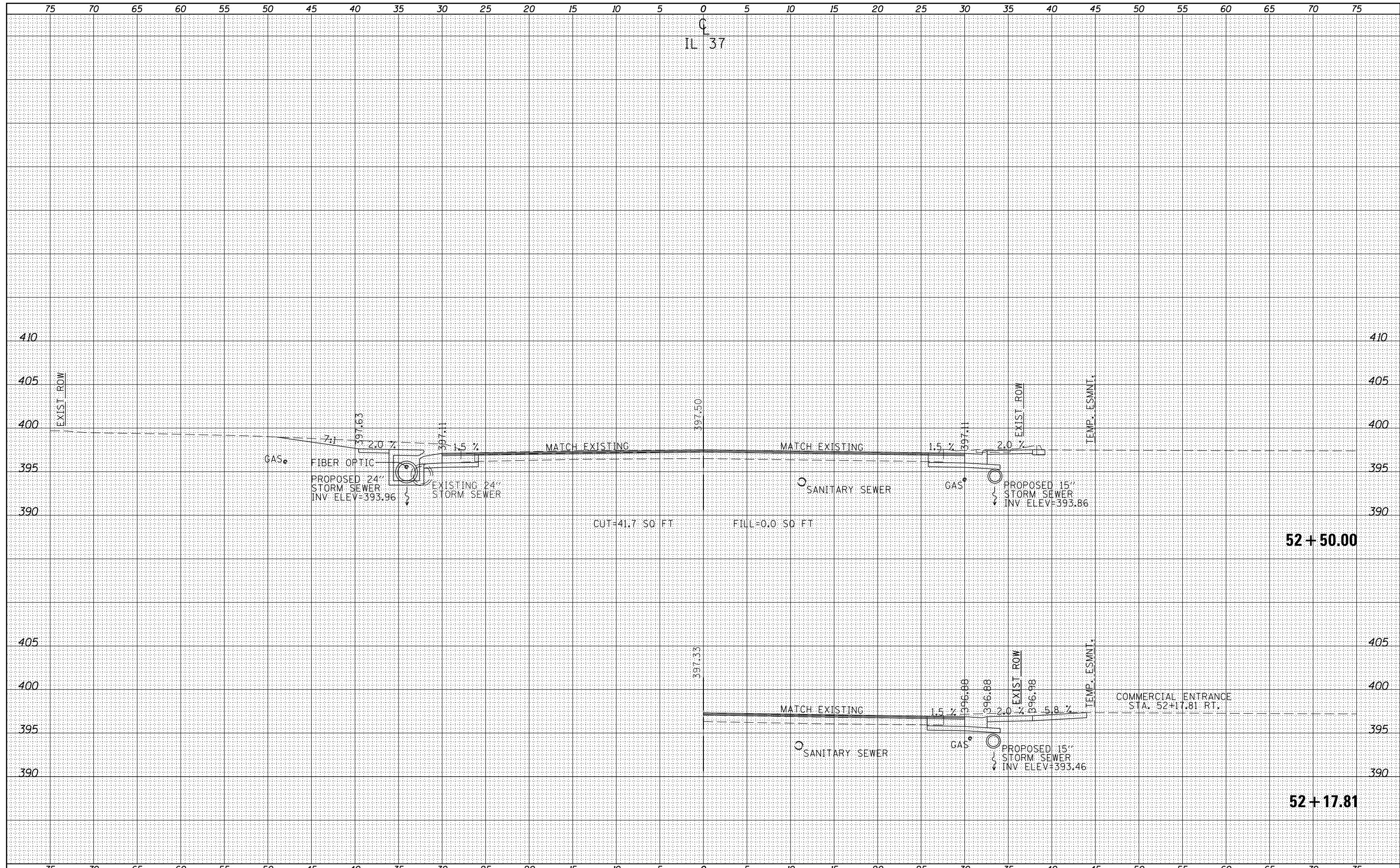
|                  |  |
|------------------|--|
| DATE             |  |
| BY               |  |
| ORIGINAL SURVEY  |  |
| PLOTTED TEMPLATE |  |
| NOTE BOOK NO.    |  |
| AREAS CHECKED    |  |



|  |                             |            |           |   |                                     |       |    |             |         |          |              |                           |
|--|-----------------------------|------------|-----------|---|-------------------------------------|-------|----|-------------|---------|----------|--------------|---------------------------|
| FILE NAME =                                    | USER NAME = \$USERS         | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>CROSS SECTION SHEETS - IL 37</b> |       |    | F.A.U. RTÉ. | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO.                 |
| es:\pw_work\pwidot\pufferae\d293206\78288-sh-t | ks37.dgn                    | DRAWN -    | REVISED - |   |                                     |       |    | 9481        | 12(N-1) | FRANKLIN | 94           | 56                        |
| \$MODELNAME\$                                  | PLOT SCALE = 10.0000' / in. | CHECKED -  | REVISED - |   | CONTRACT NO. 78288                  |       |    |             |         |          |              |                           |
|  | PLOT DATE = 3/22/2013       | DATE -     | REVISED - |   | SCALE:                              | SHEET | OF | SHEETS      | STA.    | TO       | STA.         | ILLINOIS FED. AID PROJECT |

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

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



FILE NAME =  
 c:\pwwork\pwwork\pufferaa\d293206\78288-sh...s37.dgn  
 \$MODELNAME\$

USER NAME = sUSERS  
 DESIGNED -  
 DRAWN -  
 PLOT SCALE = 10.0000' / in.  
 PLOT DATE = 3/22/2013

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

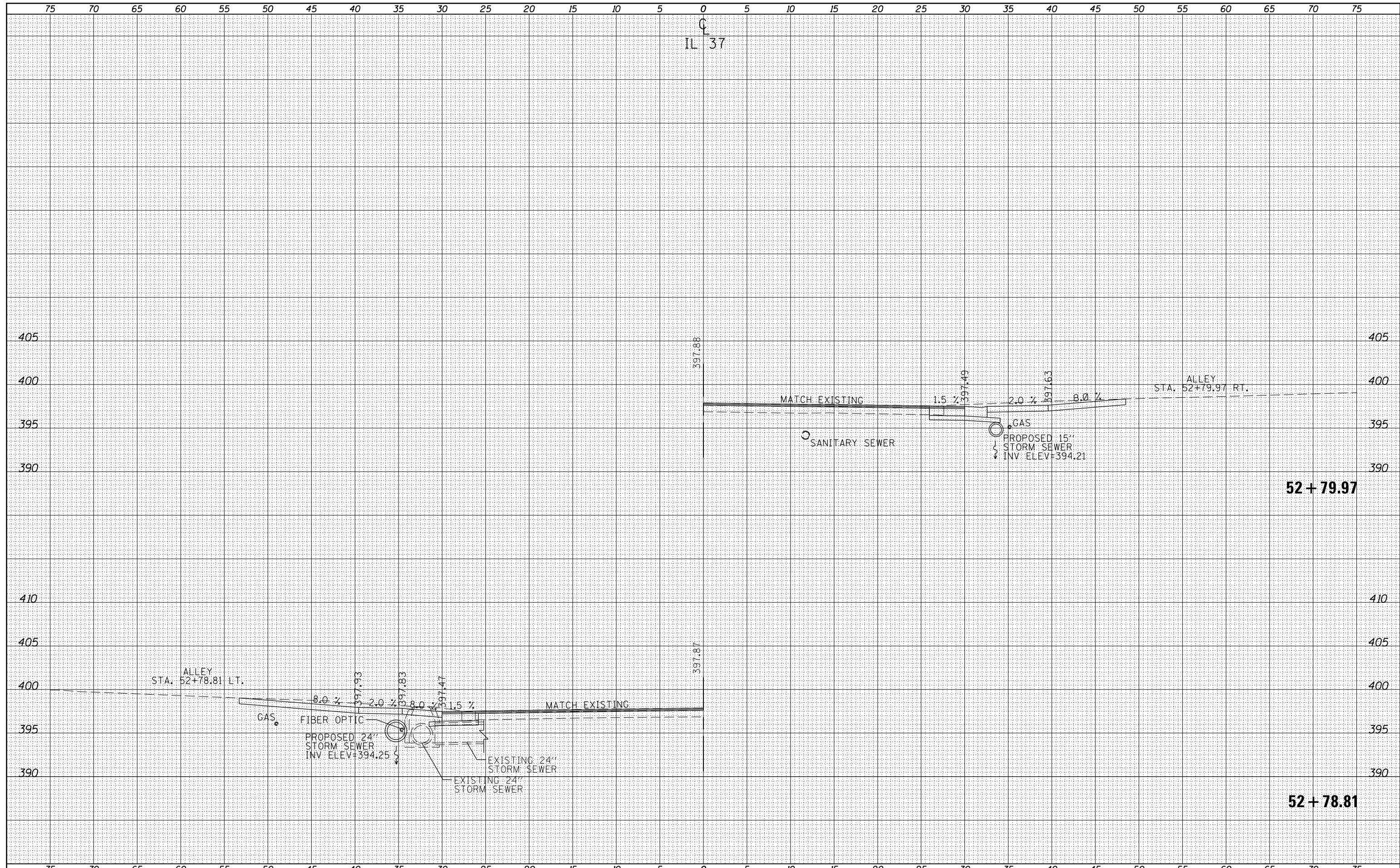
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTION SHEETS - IL 37  
 SCALE: SHEET OF SHEETS STA. TO STA.

|                           |         |          |              |           |
|---------------------------|---------|----------|--------------|-----------|
| F.A.U. RTE.               | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO. |
| 9481                      | 12(N-1) | FRANKLIN | 94           | 57        |
|                           |         |          | CONTRACT NO. | 78288     |
| ILLINOIS FED. AID PROJECT |         |          |              |           |

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

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



FILE NAME =  
 c:\pw\_work\pwidot\pufferae\d293206\78288-sh...s37.dgn  
 \$MODELNAME\$

|                             |            |           |
|-----------------------------|------------|-----------|
| USER NAME = \$USERS\$       | DESIGNED - | REVISED - |
|                             | DRAWN -    | REVISED - |
| PLOT SCALE = 10.0000' / in. | CHECKED -  | REVISED - |
| PLOT DATE = 3/22/2013       | DATE -     | REVISED - |

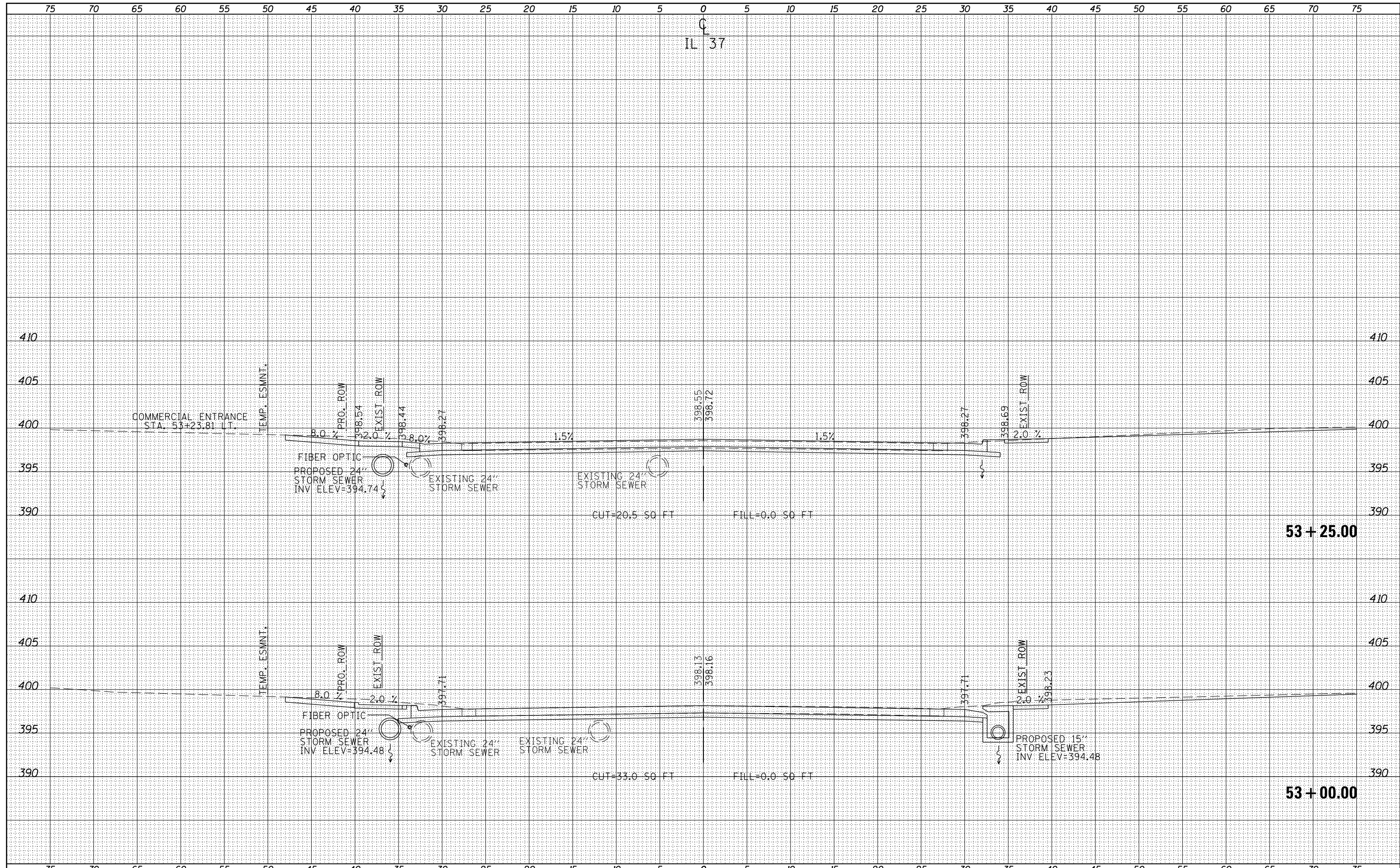
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

|                              |                              |
|------------------------------|------------------------------|
| CROSS SECTION SHEETS - IL 37 |                              |
| SCALE:                       | SHEET OF SHEETS STA. TO STA. |

|                    |         |          |                           |           |
|--------------------|---------|----------|---------------------------|-----------|
| F.A.U. RTE.        | SECTION | COUNTY   | TOTAL SHEETS              | SHEET NO. |
| 9481               | 12(N-1) | FRANKLIN | 94                        | 58        |
| CONTRACT NO. 78288 |         |          | ILLINOIS FED. AID PROJECT |           |

|    |      |
|----|------|
| BY | DATE |
|    |      |
|    |      |
|    |      |
|    |      |
|    |      |
|    |      |
|    |      |
|    |      |
|    |      |

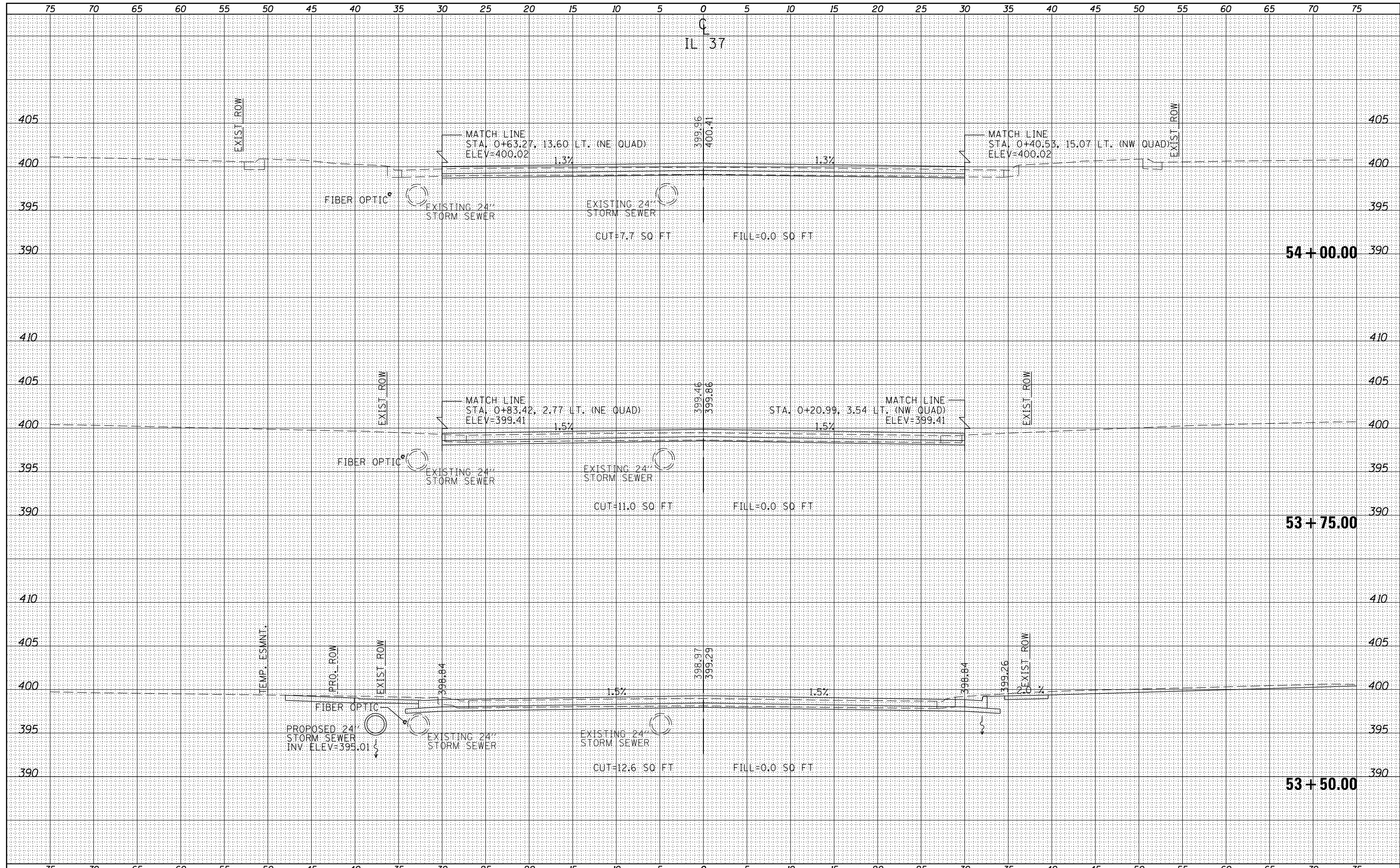
|                     |   |
|---------------------|---|
| ORIGINAL SURVEY NO. | SURVEYED PLOTTED TEMPLATE AREAS CHECKED |
|                     |   |
|                     |   |
|                     |   |
|                     |   |
|                     |   |
|                     |   |
|         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



|             |                       |            |           |                                     |  |  |                           |          |          |               |            |
|-------------|-----------------------|------------|-----------|-------------------------------------|--|--|---------------------------|----------|----------|---------------|------------|
| FILE NAME : | USER NAME : \$USERS\$ | DESIGNED : | REVISED : | <b>STATE OF ILLINOIS</b>            | <b>CROSS SECTION SHEETS - IL 37</b>                                      |  | F.A.U. RTE.:              | SECTION: | COUNTY:  | TOTAL SHEETS: | SHEET NO.: |
|             |                       | DRAWN :    |           | <b>DEPARTMENT OF TRANSPORTATION</b> | SCALE:          SHEET      OF      SHEETS      STA.              TO STA. |  | 9481                      | 12(N-1)  | FRANKLIN | 94            | 59         |
|             |                       | CHECKED :  |           |                                     |  |  | CONTRACT NO. 78288        |          |          |               |            |
|             |                       | DATE :     |           |                                     |  |  | ILLINOIS FED. AID PROJECT |          |          |               |            |

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

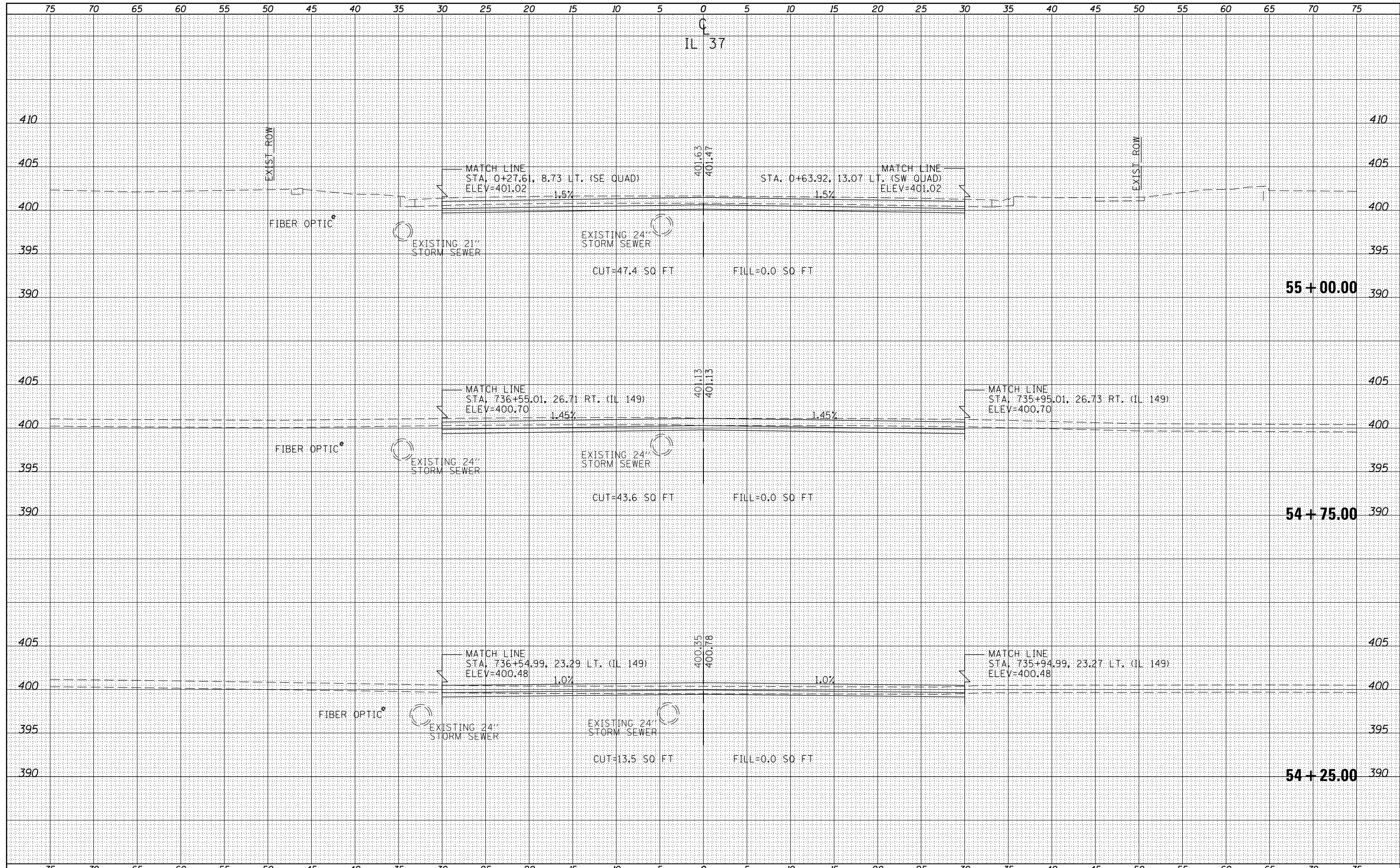
|                     |  |
|---------------------|--|
| DATE                |  |
| BY                  |  |
| ORIGINAL SURVEY NO. |  |
| SURVEYED            |  |
| PLOTTED             |  |
| TEMPLATE            |  |
| AREAS CHECKED       |  |
| NOTE BOOK           |  |
| AREAS CHECKED       |  |



|   |                     |            |           |   |                                     |         |             |         |        |              |           |
|---|---------------------|------------|-----------|---|-------------------------------------|---------|-------------|---------|--------|--------------|-----------|
| FILE NAME =   | USER NAME = \$USERS | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>CROSS SECTION SHEETS - IL 37</b> |         | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| es:\pw_work\puidot\pufferae\d0293206\78288-sht-37.dgn |                     | DRAWN -    | REVISED - |   | 9481                                | 12(N-1) | FRANKLIN    | 94      | 60     |              |           |
| PLOT SCALE = 10.0000' / in.                           |                     | CHECKED -  | REVISED - |   | CONTRACT NO. 78288                  |         |             |         |        |              |           |
| \$MODELNAME\$   |                     | DATE -     | REVISED - |   | SCALE:                              | SHEET   | OF          | SHEETS  | STA.   | TO           | STA.      |

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

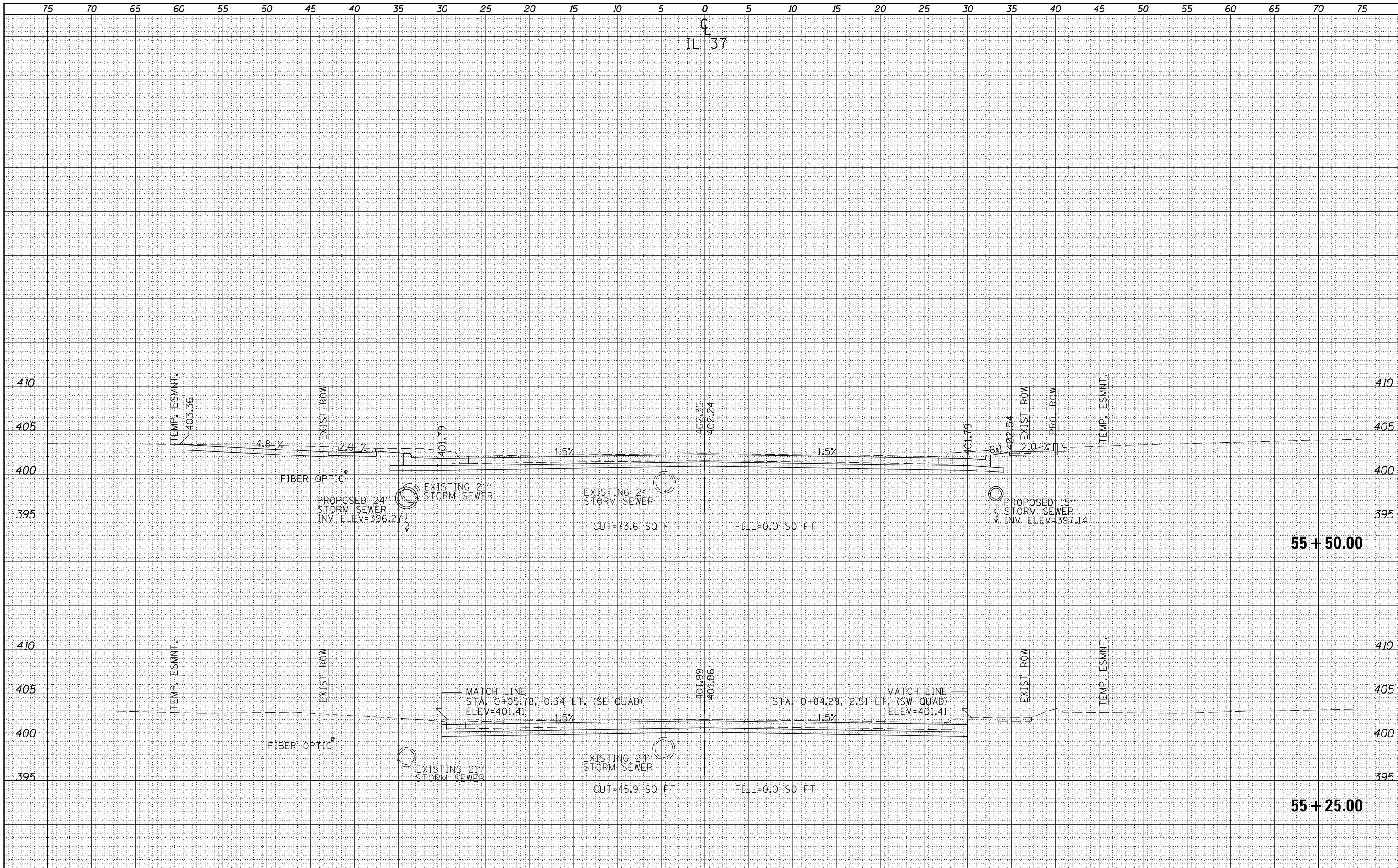
|                 |  |
|-----------------|--|
| DATE            |  |
| BY              |  |
| ORIGINAL SURVEY |  |
| SURVEYED        |  |
| PLOTTED         |  |
| TEMPLATE        |  |
| NOTE BOOK       |  |
| AREAS CHECKED   |  |
| NO.             |  |



|  |                      |            |           |   |                                     |    |        |             |         |          |              |           |
|--|----------------------|------------|-----------|---|-------------------------------------|----|--------|-------------|---------|----------|--------------|-----------|
| FILE NAME =  | USER NAME = \$USER\$ | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>CROSS SECTION SHEETS - IL 37</b> |    |        | F.A.U. RTE. | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO. |
| es:\pw_work\pwork\pufferae\d0293206\78288-shd\cs37.dgn |                      | DRAWN -    | REVISED - |   |                                     |    |        | 9481        | 12(N-1) | FRANKLIN | 94           | 61        |
| PLOT SCALE = 10.0000' / in.                            |                      | CHECKED -  | REVISED - |   | CONTRACT NO. 78288                  |    |        |             |         |          |              |           |
| PLOT DATE = 3/22/2013                                  |                      | DATE -     | REVISED - |   | ILLINOIS FED. AID PROJECT           |    |        |             |         |          |              |           |
| \$MODELNAME\$  |                      |            |           | SCALE:  | SHEET                               | OF | SHEETS | STA.        | TO      | STA.     |              |           |

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

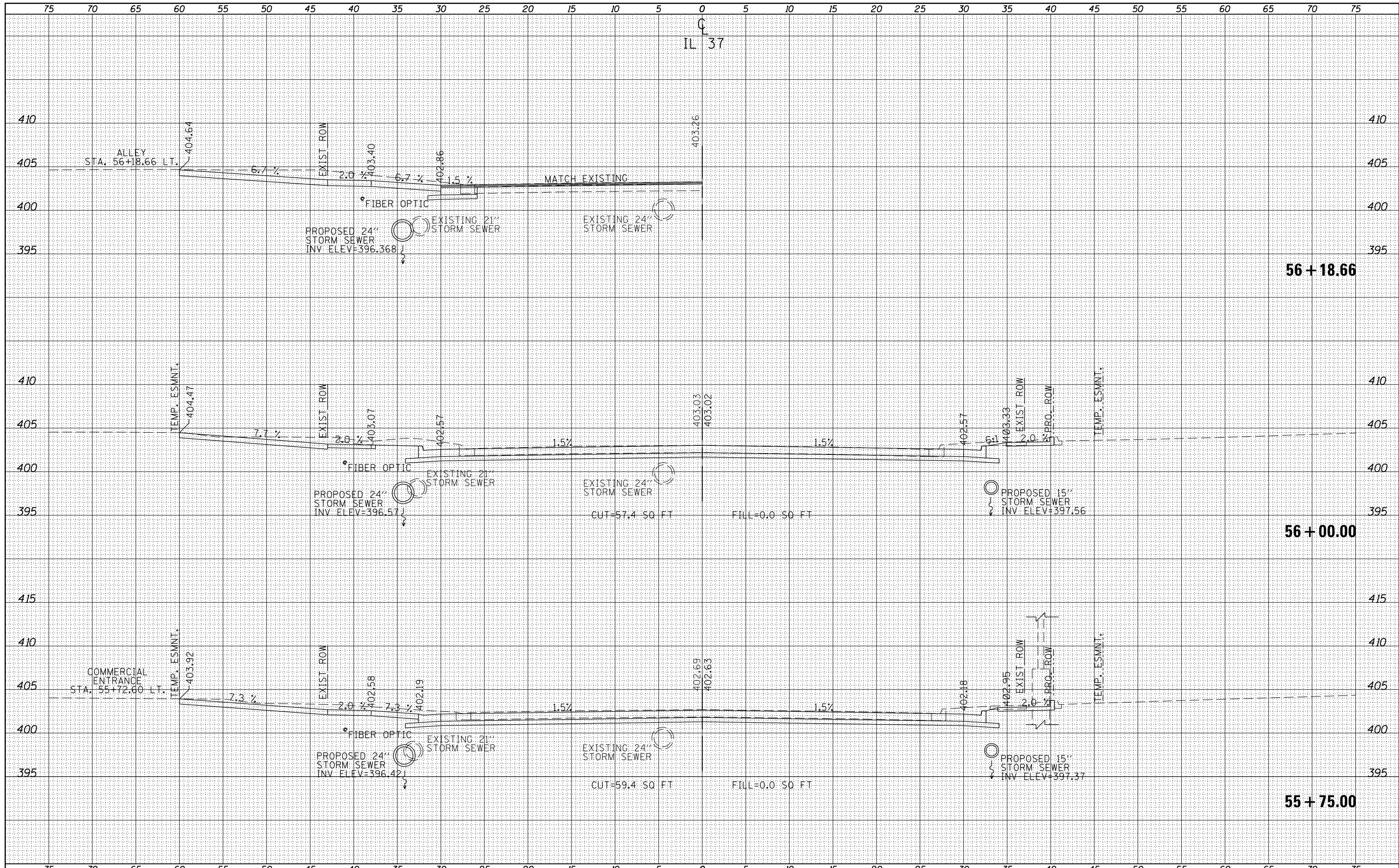
|                 |  |
|-----------------|--|
| DATE            |  |
| BY              |  |
| ORIGINAL SURVEY |  |
| SURVEYED        |  |
| PLOTTED         |  |
| TEMPLATE        |  |
| NOTE BOOK       |  |
| AREAS CHECKED   |  |
| NO.             |  |



|   |                              |            |              |  |   |                    |         |        |              |           |      |         |          |    |    |  |  |  |  |                    |
|---|------------------------------|------------|--------------|--|---|--------------------|---------|--------|--------------|-----------|------|---------|----------|----|----|--|--|--|--|--------------------|
| FILE NAME :                                     | USER NAME :                  | DESIGNED : | REVISÉ :     | <p align="center"><b>STATE OF ILLINOIS</b><br/><b>DEPARTMENT OF TRANSPORTATION</b></p> <p align="center"><b>CROSS SECTION SHEETS - IL 37</b></p> <p>SCALE:      SHEET    OF    SHEETS    STA.      TO STA.</p> | <table border="1"> <tr><td>F.A.U. RTE.</td><td>SECTION</td><td>COUNTY</td><td>TOTAL SHEETS</td><td>SHEET NO.</td></tr> <tr><td>9481</td><td>12(N-1)</td><td>FRANKLIN</td><td>94</td><td>62</td></tr> <tr><td colspan="4"></td><td>CONTRACT NO. 78288</td></tr> </table> | F.A.U. RTE.        | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | 9481 | 12(N-1) | FRANKLIN | 94 | 62 |  |  |  |  | CONTRACT NO. 78288 |
| F.A.U. RTE.                                     | SECTION                      | COUNTY     | TOTAL SHEETS |  |   | SHEET NO.          |         |        |              |           |      |         |          |    |    |  |  |  |  |                    |
| 9481  | 12(N-1)                      | FRANKLIN   | 94           |  |   | 62                 |         |        |              |           |      |         |          |    |    |  |  |  |  |                    |
|   |                              |            |              |  |   | CONTRACT NO. 78288 |         |        |              |           |      |         |          |    |    |  |  |  |  |                    |
| ca:\pw_work\pwwork\pufferae\d293206\78288-sh... | cs37.dgn                     | DRAWN :    | REVISÉ :     |  |   |                    |         |        |              |           |      |         |          |    |    |  |  |  |  |                    |
|   | PLOT SCALE : 10.0000 ' / in. | CHECKED :  | REVISÉ :     |  |   |                    |         |        |              |           |      |         |          |    |    |  |  |  |  |                    |
| *MODELNAME*                                     | PLOT DATE : 3/22/2013        | DATE :     | REVISÉ :     |  |   |                    |         |        |              |           |      |         |          |    |    |  |  |  |  |                    |
| ILLINOIS FED. AID PROJECT                       |                              |            |              |  |   |                    |         |        |              |           |      |         |          |    |    |  |  |  |  |                    |

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

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



|   |                              |            |           |
|---|------------------------------|------------|-----------|
| FILE NAME =<br>c:\pw_work\pwt\dot\puff\erae\d0293206\78288-sh...s37.dgn | USER NAME = sUsers           | DESIGNED - | REVISED - |
|   | PLOT SCALE = 10.0000 ' / in. | DRAWN -    | REVISED - |
| *MODELNAME*   | PLOT DATE = 3/22/2013        | CHECKED -  | REVISED - |
|   |                              | DATE -     | REVISED - |

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

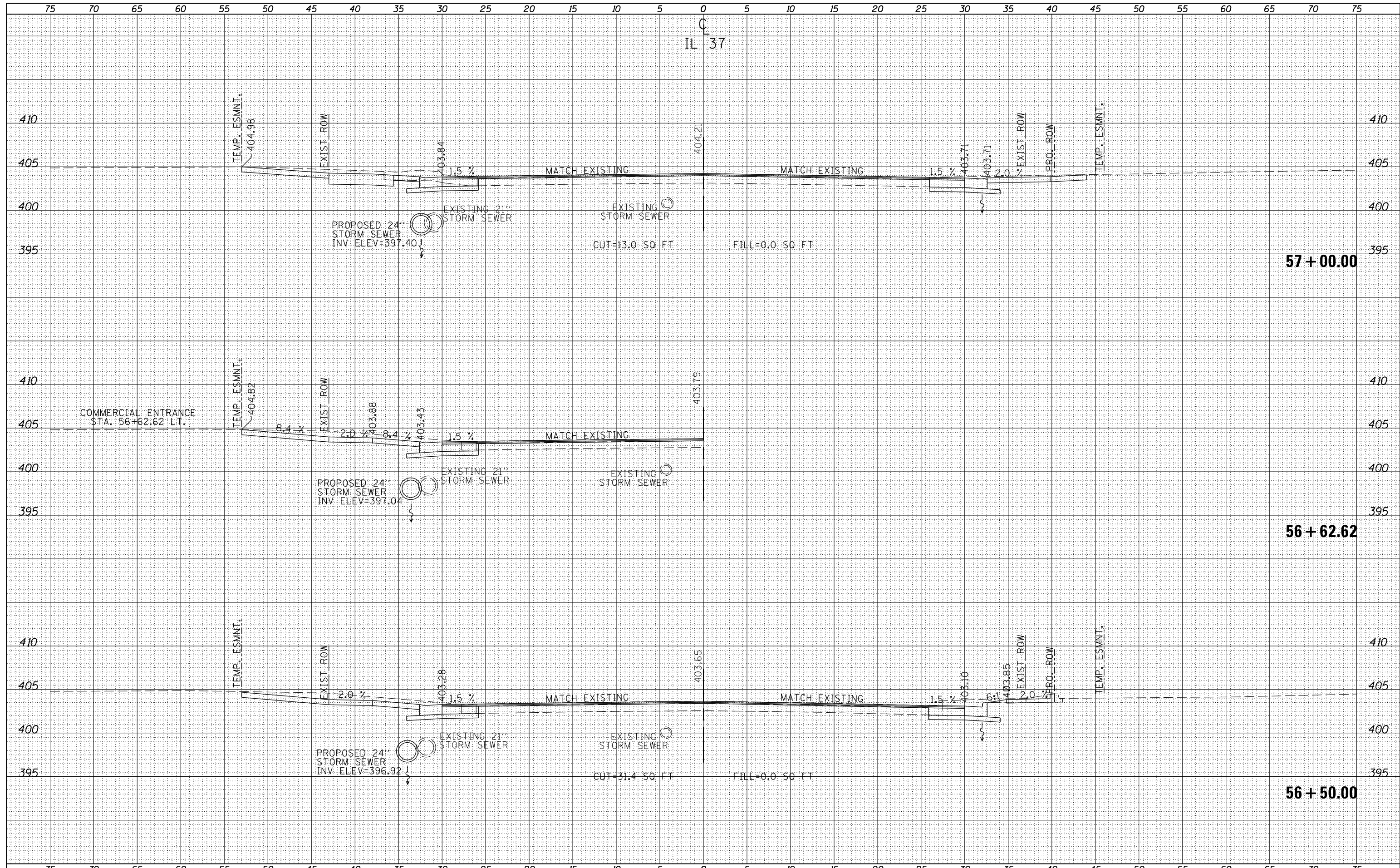
|                              |       |               |         |        |              |           |
|------------------------------|-------|---------------|---------|--------|--------------|-----------|
| CROSS SECTION SHEETS - IL 37 |       | F.A.U. R.T.E. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| SCALE:                       | SHEET | OF            | SHEETS  | STA.   | TO STA.      |           |
|                              |       |               |         |        |              |           |

|                           |         |          |    |    |
|---------------------------|---------|----------|----|----|
| 9481                      | 12(N-1) | FRANKLIN | 94 | 63 |
| CONTRACT NO. 78288        |         |          |    |    |
| ILLINOIS FED. AID PROJECT |         |          |    |    |



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

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



FILE NAME =  
 c:\pw\_work\pwwork\pufferae\d293206\78288-sh...s37.dgn  
 \$MODELNAME\$

USER NAME = \$USERS\$  
 DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

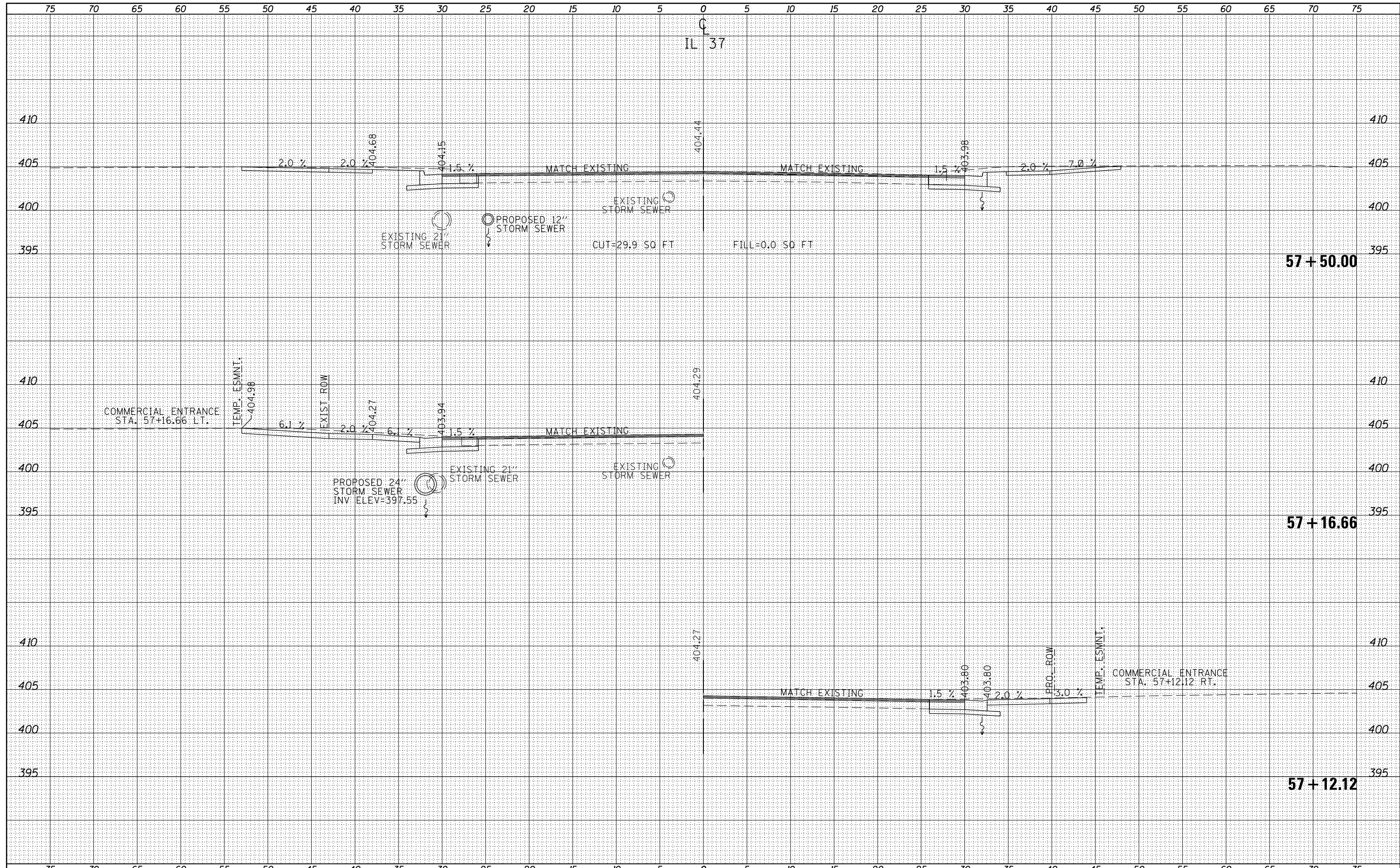
**CROSS SECTION SHEETS - IL 37**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

|                           |         |          |              |           |
|---------------------------|---------|----------|--------------|-----------|
| F.A.U. RTE.               | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO. |
| 9481                      | 12(N-1) | FRANKLIN | 94           | 64        |
| CONTRACT NO.              |         |          | 78288        |           |
| ILLINOIS FED. AID PROJECT |         |          |              |           |

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

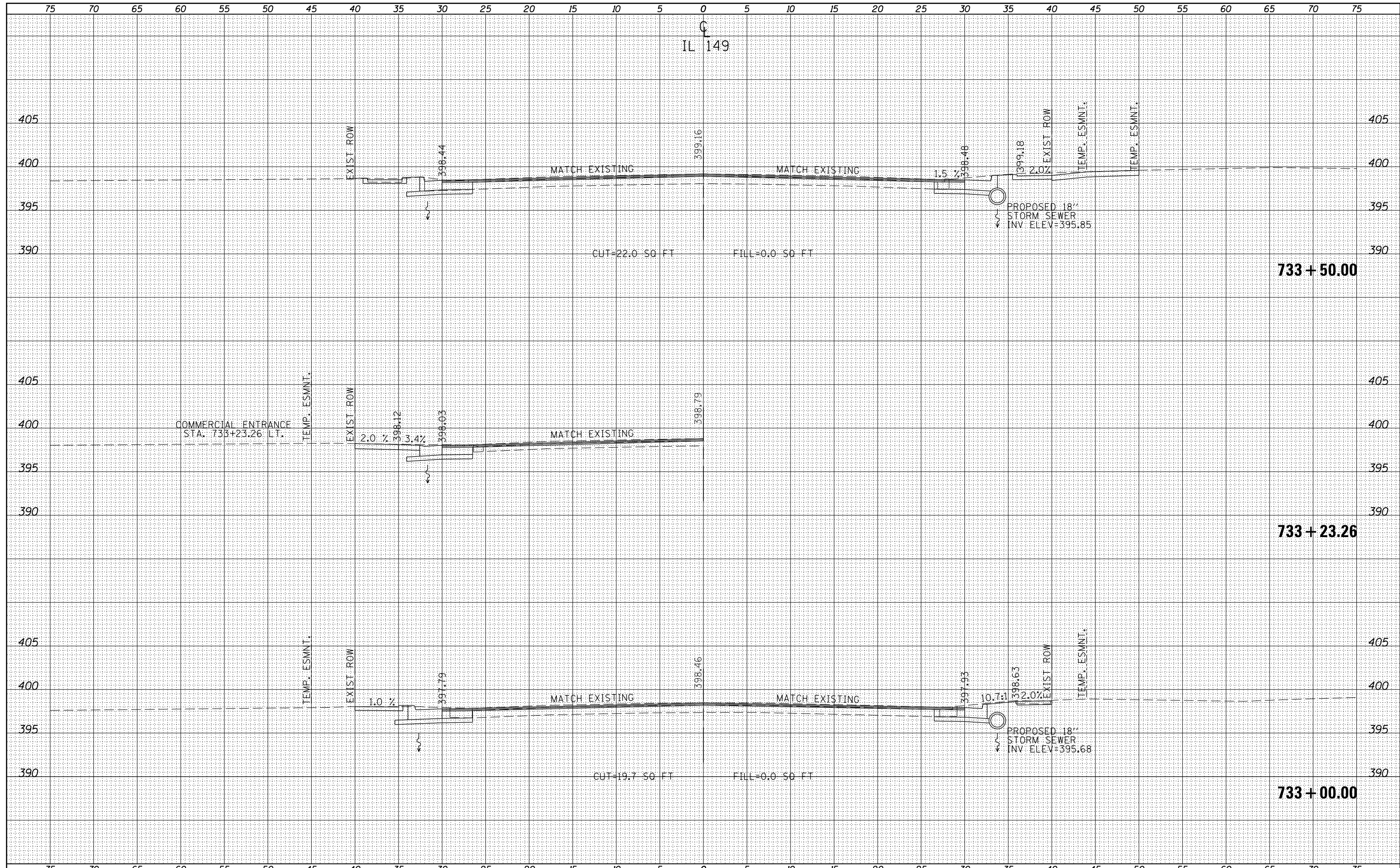
|                 |               |
|-----------------|---------------|
| DATE            |               |
| BY              |               |
| ORIGINAL SURVEY | SURVEYED      |
| NOTE BOOK       | PLOTTED       |
| NO.             | AREAS CHECKED |



|  |                     |            |           |   |                              |         |          |             |         |        |                    |           |
|--|---------------------|------------|-----------|---|------------------------------|---------|----------|-------------|---------|--------|--------------------|-----------|
| FILE NAME =                                  | USER NAME = \$USERS | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | CROSS SECTION SHEETS - IL 37 |         |          | F.A.U. RTÉ. | SECTION | COUNTY | TOTAL SHEETS       | SHEET NO. |
| es:\pw_work\pwidot\pufferae\d293206\78288-sh | cs37.dgn            | DRAWN -    | REVISED - |   | 9481                         | 12(N-1) | FRANKLIN | 94          | 65      |        |                    |           |
| PLOT SCALE = 10.0000' / in.                  | CHECKED -           | REVISED -  | SCALE:    |   | SHEET                        | OF      | SHEETS   | STA.        | TO      | STA.   | CONTRACT NO. 78288 |           |
| \$MODELNAME\$                                | DATE = 3/22/2013    | DATE -     | REVISED - |   | ILLINOIS FED. AID PROJECT    |         |          |             |         |        |                    |           |

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

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



FILE NAME =  
 c:\pw\_work\p\dot\pufferae\d0293206\78288-sh...  
 \$MODELNAME\$

USER NAME = \$USERS\$  
 DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

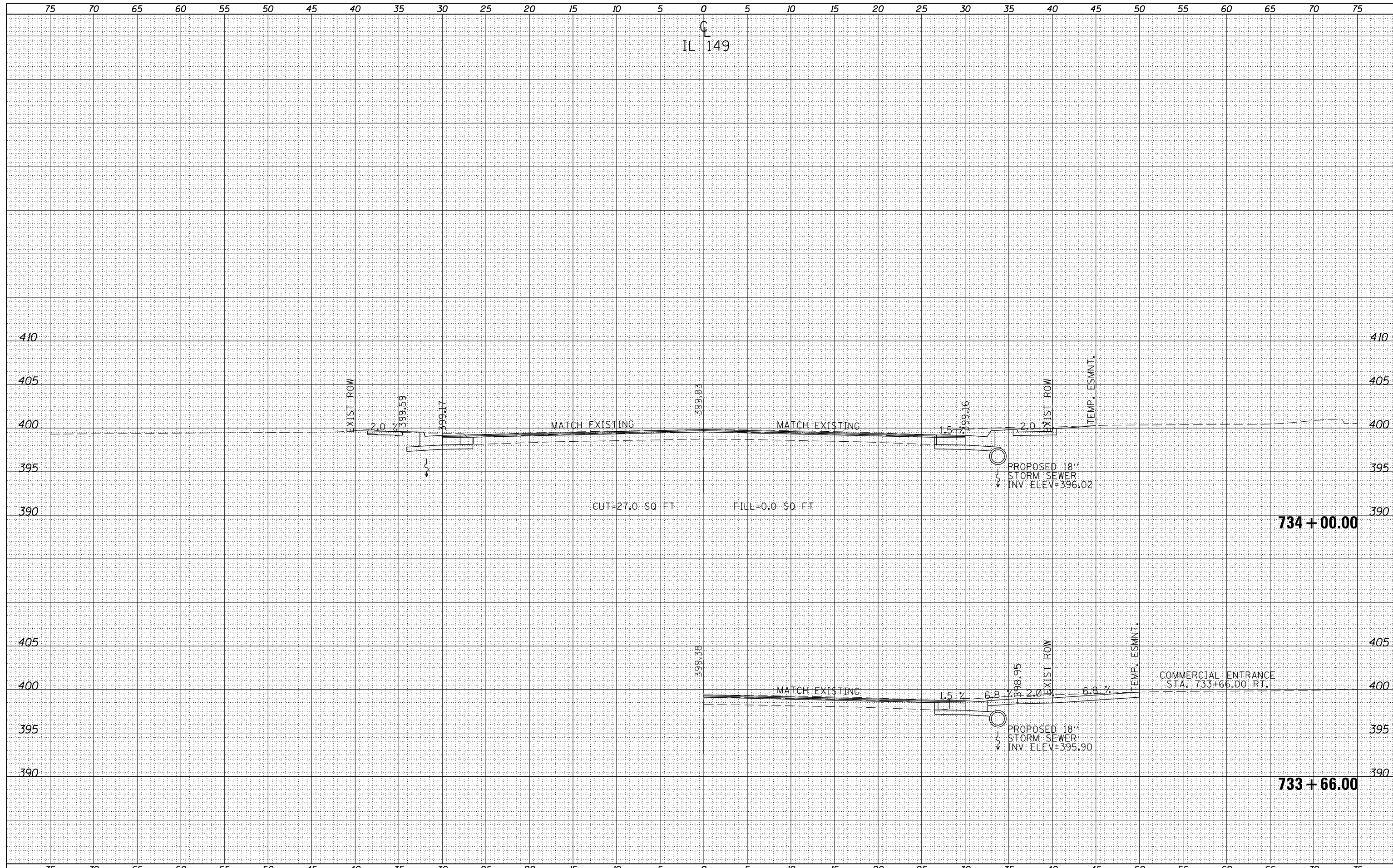
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTION SHEETS - IL 149  
 SCALE: SHEET OF SHEETS STA. TO STA.

|                    |         |          |                           |           |
|--------------------|---------|----------|---------------------------|-----------|
| F.A.U. RTE.        | SECTION | COUNTY   | TOTAL SHEETS              | SHEET NO. |
| 9481               | 12(N-1) | FRANKLIN | 94                        | 66        |
| CONTRACT NO. 78288 |         |          | ILLINOIS FED. AID PROJECT |           |

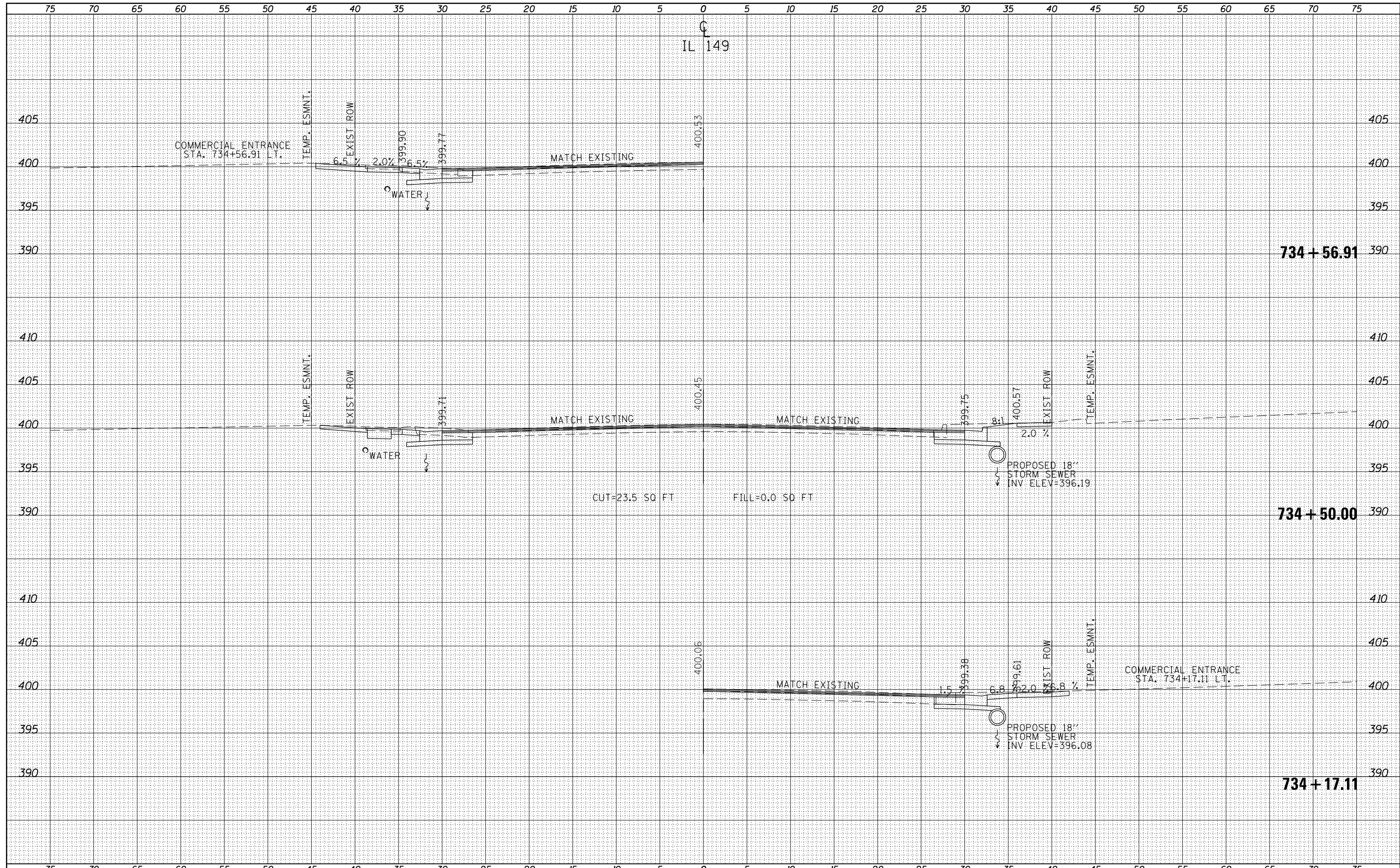
TABLE: ORIGINAL SURVEY, SURVEYED, PLOTTED, TEMPLATE, AREAS CHECKED. Includes fields for BY, DATE, FINL SURVEY NO., and AREAS CHECKED.

TABLE: ORIGINAL SURVEY, SURVEYED, PLOTTED, TEMPLATE, AREAS CHECKED. Includes fields for BY, DATE, FINL SURVEY NO., and AREAS CHECKED.



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

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



FILE NAME =  
 c:\pw\_work\pwork\pufferae\d0293206\78288-sh...  
 \$MODELNAME\$

USER NAME = \$USERS\$  
 DESIGNED -  
 DRAWN -  
 PLOT SCALE = 10.0000' / in.  
 PLOT DATE = 3/22/2013

REVISIED -  
 REVISIED -  
 REVISIED -  
 REVISIED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION SHEETS - IL 149**  
 SCALE: SHEET OF SHEETS STA. TO STA.

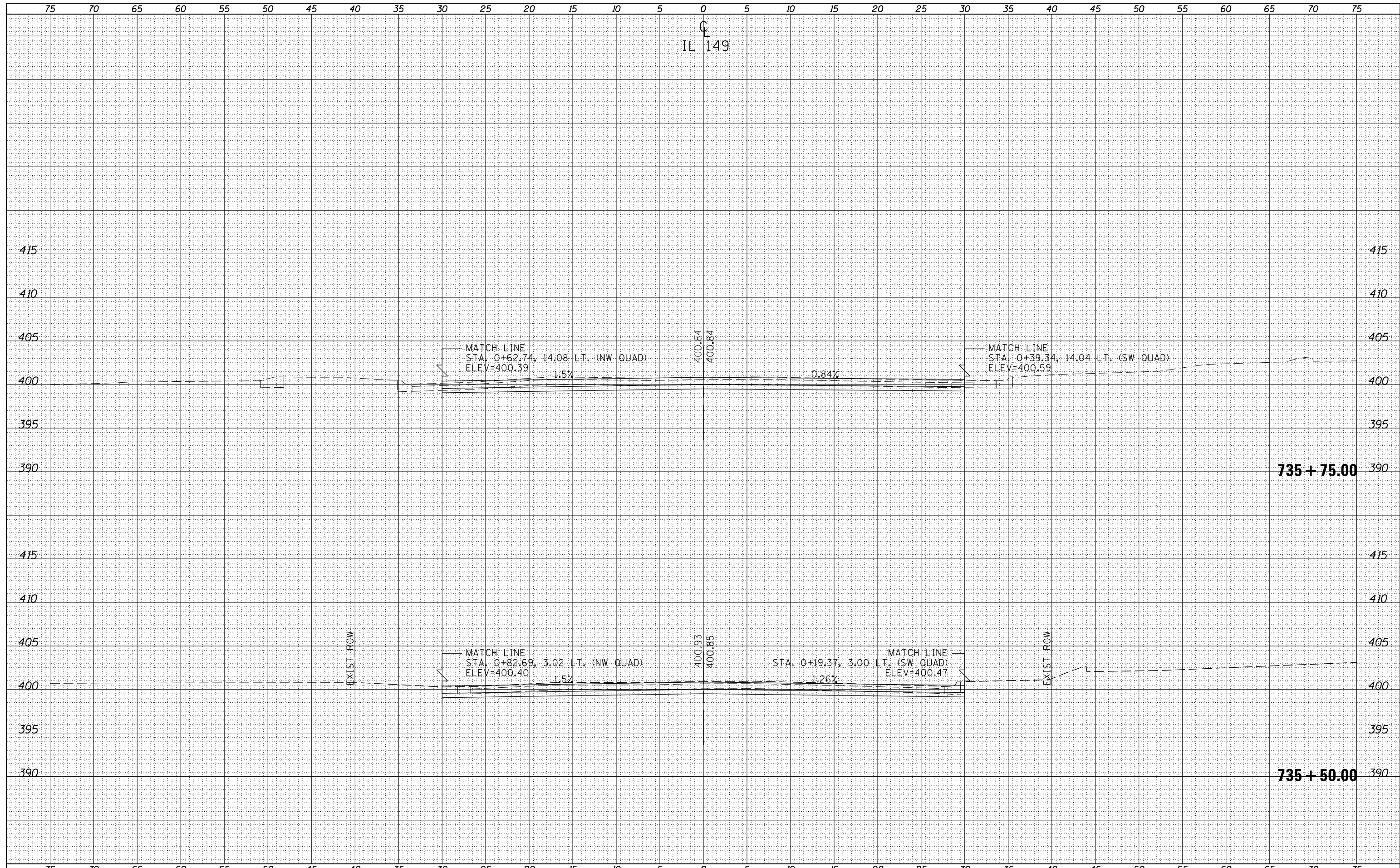
|                    |         |          |                           |           |
|--------------------|---------|----------|---------------------------|-----------|
| F.A.U. RTE.        | SECTION | COUNTY   | TOTAL SHEETS              | SHEET NO. |
| 9481               | 12(N-1) | FRANKLIN | 94                        | 68        |
| CONTRACT NO. 78288 |         |          | ILLINOIS FED. AID PROJECT |           |



C  
IL 149

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

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

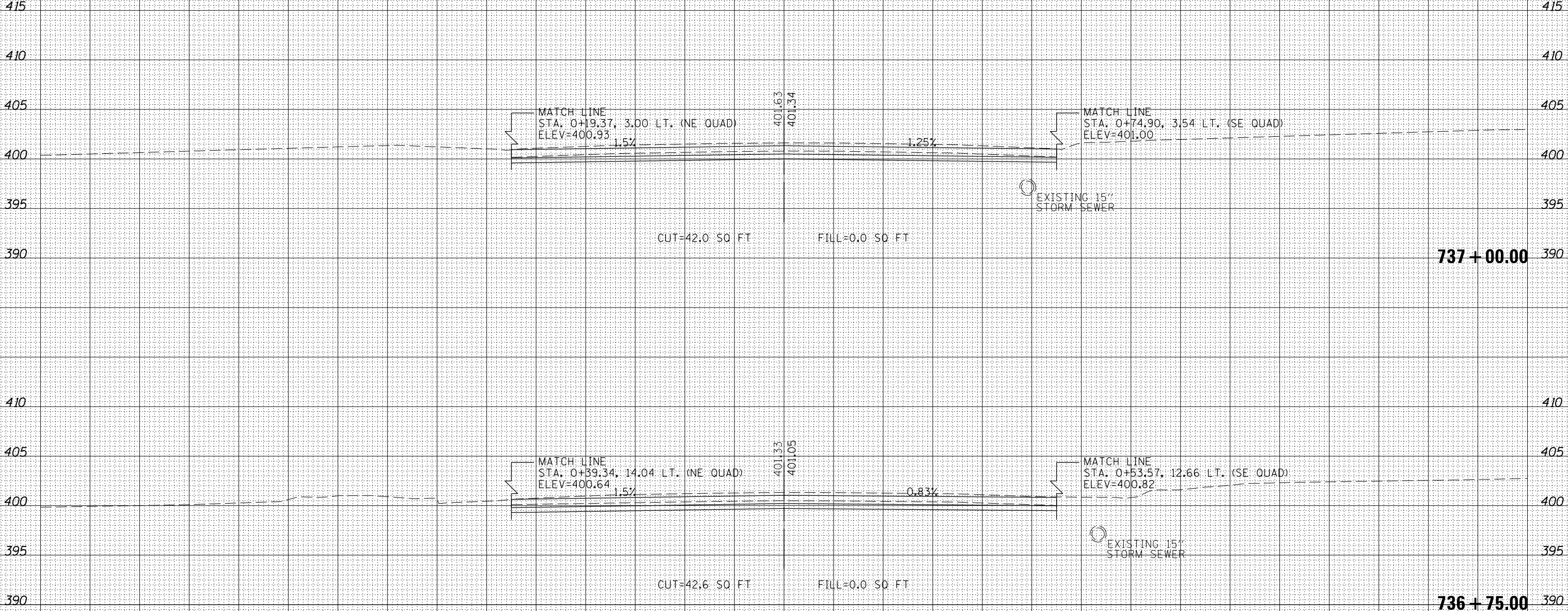


|   |                     |            |           |   |                                      |  |  |             |         |          |              |           |
|---|---------------------|------------|-----------|---|--------------------------------------|--|--|-------------|---------|----------|--------------|-----------|
| FILE NAME =   | USER NAME = \$USERS | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>CROSS SECTION SHEETS - IL 149</b> |  |  | F.A.U. RTÉ. | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO. |
| es:\pw_work\pwidot\pufferae\0293206\78288-shd\ks149.dgn |                     | DRAWN -    | REVISED - |   |                                      |  |  | 9481        | 12(N-1) | FRANKLIN | 94           | 70        |
| PLOT SCALE = 10.0000' / in.                             |                     | CHECKED -  | REVISED - |   | CONTRACT NO. 78288                   |  |  |             |         |          |              |           |
| PLOT DATE = 3/22/2013                                   |                     | DATE -     | REVISED - |   | ILLINOIS FED. AID PROJECT            |  |  |             |         |          |              |           |

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

IL 149

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

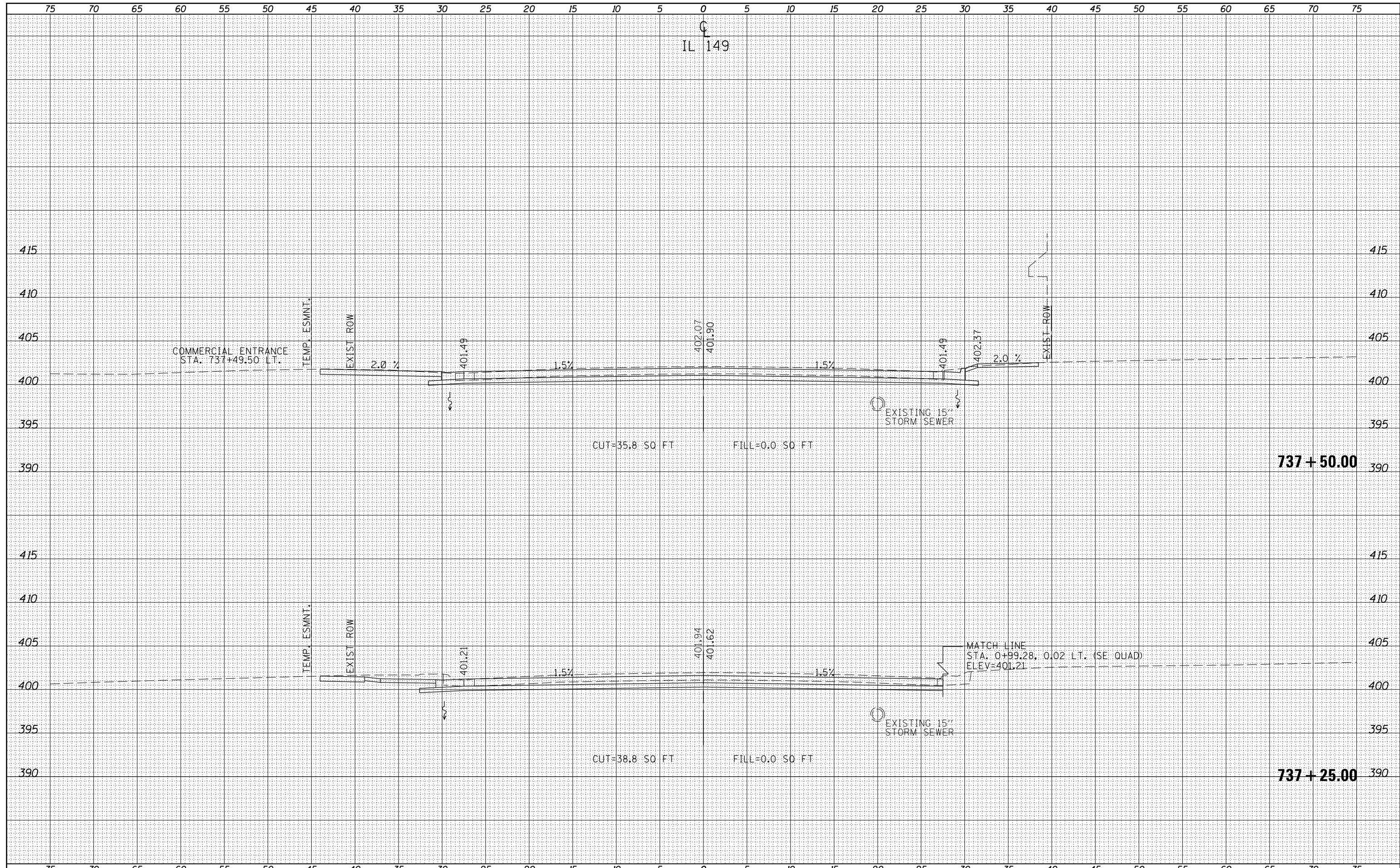


|                     |  |
|---------------------|--|
| DATE                |  |
| BY                  |  |
| SURVEYED            |  |
| PLOTTED             |  |
| TEMPLATE            |  |
| AREAS               |  |
| CHECKED             |  |
| ORIGINAL SURVEY NO. |  |
| NOTE BOOK NO.       |  |
| AREAS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



|    |      |
|----|------|
| BY | DATE |
|    |      |
|    |      |
|    |      |
|    |      |
|    |      |
|    |      |
|    |      |
|    |      |
|    |      |

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



FILE NAME =  
 c:\pw\_work\p\p\p\pufferao\8293206\78288-sh...  
 #MODELNAME#

|                     |            |           |
|---------------------|------------|-----------|
| USER NAME = #USERS# | DESIGNED - | REVISED - |
|                     | DRAWN -    | REVISED - |
|                     | CHECKED -  | REVISED - |
|                     | DATE -     | REVISED - |
|                     |            |           |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION SHEETS - IL 149**

SCALE:      SHEET      OF      SHEETS      STA.      TO STA.

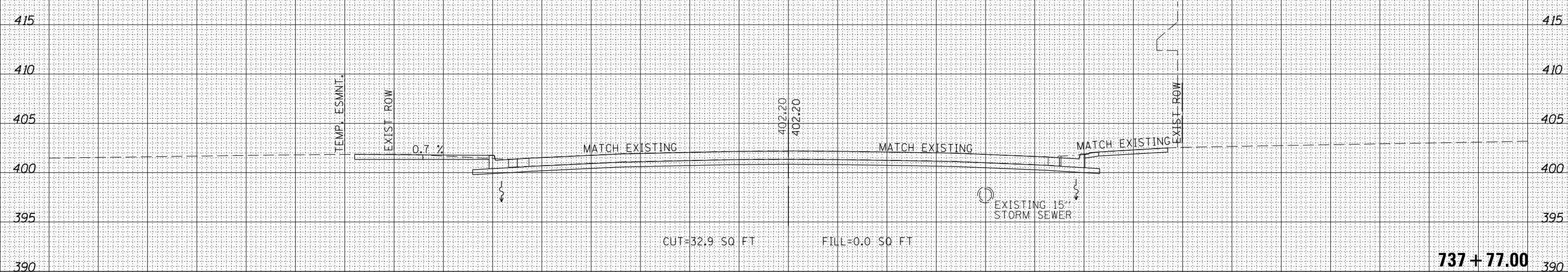
| F.A.U. RTÉ.               | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|----------|--------------|-----------|
| 9481                      | 12(N-1) | FRANKLIN | 94           | 72        |
| CONTRACT NO.              |         |          | 78288        |           |
| ILLINOIS FED. AID PROJECT |         |          |              |           |

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

IL 149

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

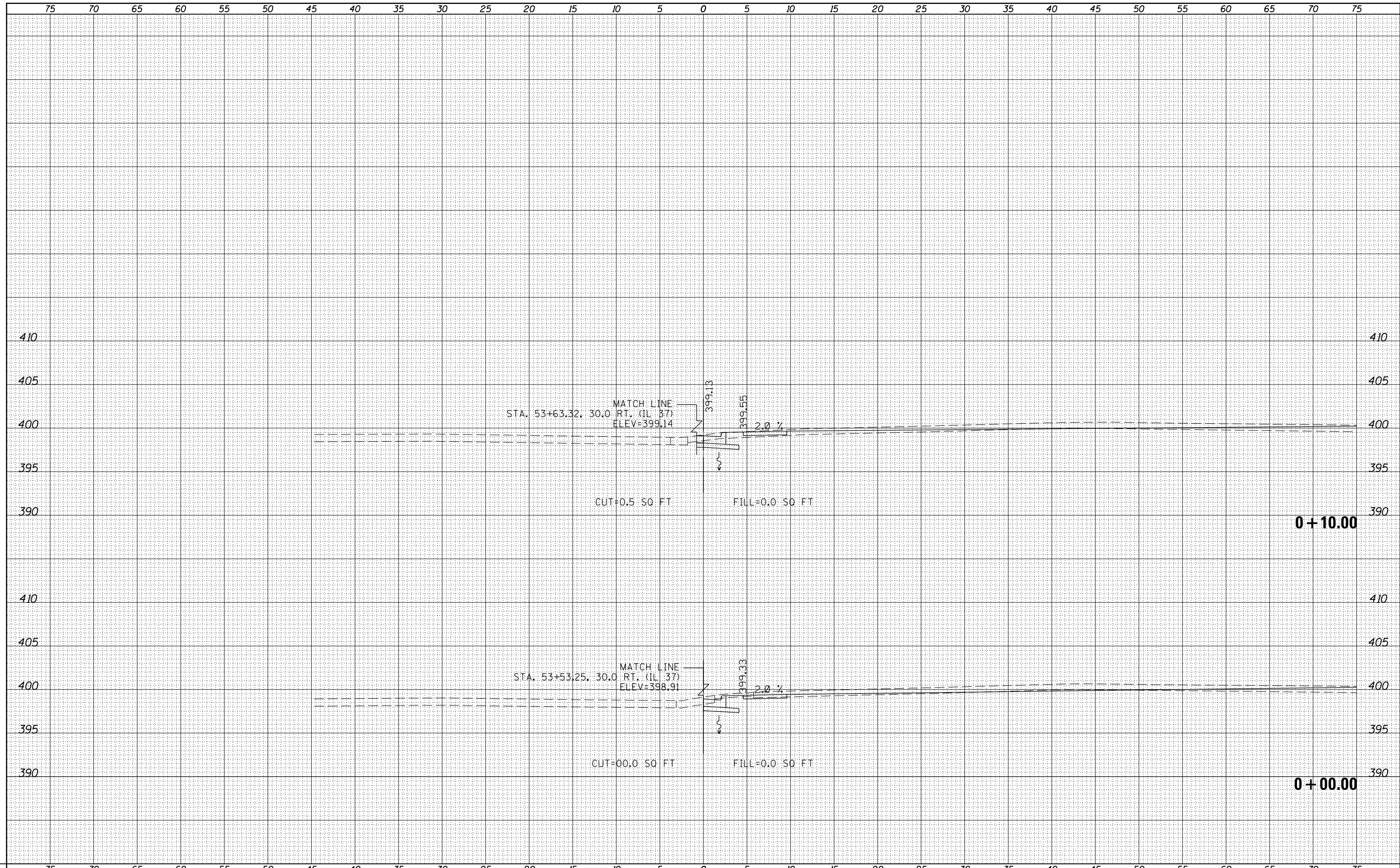
|                 |          |         |         |
|-----------------|----------|---------|---------|
| BY              |          | DATE    |         |
| ORIGINAL SURVEY | SURVEYED | PLOTTED |         |
| NOTE BOOK       | TEMPLATE | AREAS   | CHECKED |
| NO.             |          |         |     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



|  |                              |            |           |   |                               |                    |                 |                           |              |           |  |
|--|------------------------------|------------|-----------|---|-------------------------------|--------------------|-----------------|---------------------------|--------------|-----------|--|
| FILE NAME =                                    | USER NAME = \$USERS          | DESIGNED - | REVISED - | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION | CROSS SECTION SHEETS - IL 149 | F.A.U. RTÉ.        | SECTION         | COUNTY                    | TOTAL SHEETS | SHEET NO. |  |
| ca:\pw\work\pwidot\pufferaa\d0293206\78288-shd | ks149.dgn                    | DRAWN -    | REVISED - |   |                               | 9481               | 12(N-1)         | FRANKLIN                  | 94           | 73        |  |
|  | PLLOT SCALE = 10.0000' / in. | CHECKED -  | REVISED - |   |                               | CONTRACT NO. 78288 |                 | ILLINOIS FED. AID PROJECT |              |           |  |
| \$MODELNAME\$                                  | PLLOT DATE = 3/22/2013       | DATE -     | REVISED - |   |                               | SCALE:             | SHEET OF SHEETS | STA. TO STA.              |              |           |  |

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

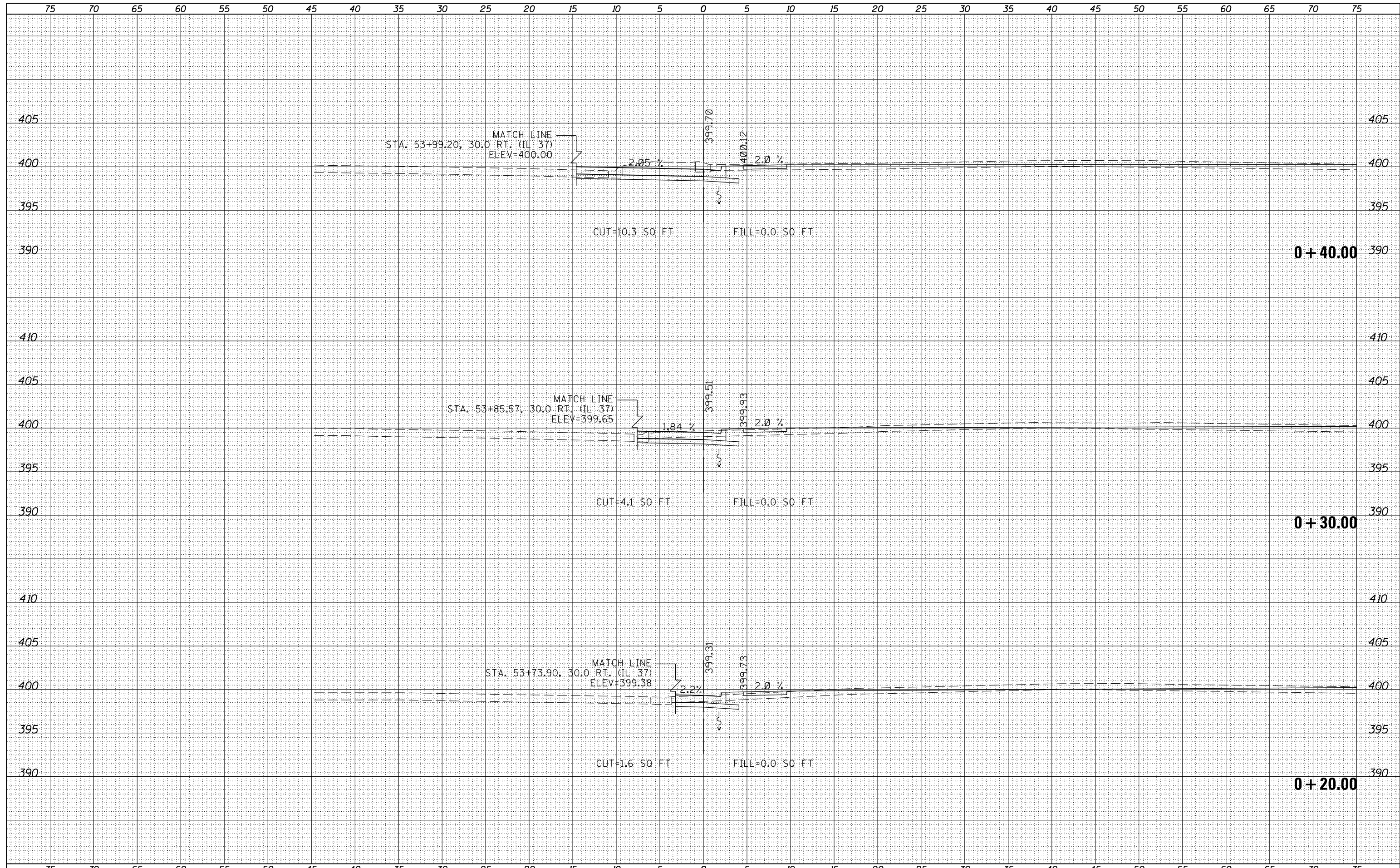
|                         |  |
|-------------------------|--|
| DATE                    |  |
| BY                      |  |
| ORIGINAL SURVEY NO.     |  |
| SURVEYED PLOTTED        |  |
| NOTE BOOK AREAS CHECKED |  |
| TEMPLATE AREAS CHECKED  |  |



|  |                             |            |           |   |  |  |  |                    |         |          |              |           |
|--|-----------------------------|------------|-----------|---|--|--|--|--------------------|---------|----------|--------------|-----------|
| FILE NAME =                                    | USER NAME = \$USERS         | DESIGNED - | REVISÉD - | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>CROSS SECTION SHEETS - NORTHWEST QUADRANT</b> |  |  | F.A.U. RTÉ.        | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO. |
| es:\pw_work\pwidot\pufferae\d8293206\78288-shd | cs-quad.dgn                 | DRAWN -    | REVISÉD - |   |  |  |  | 9481               | 12(N-1) | FRANKLIN | 94           | 74        |
| \$MODELNAME\$                                  | PLOT SCALE = 10.0000' / in. | CHECKED -  | REVISÉD - |   | SCALE: SHEET OF SHEETS STA. TO STA.              |  |  | CONTRACT NO. 78288 |         |          |              |           |
|  | PLOT DATE = 3/22/2013       | DATE -     | REVISÉD - |   | ILLINOIS FED. AID PROJECT                        |  |  |                    |         |          |              |           |

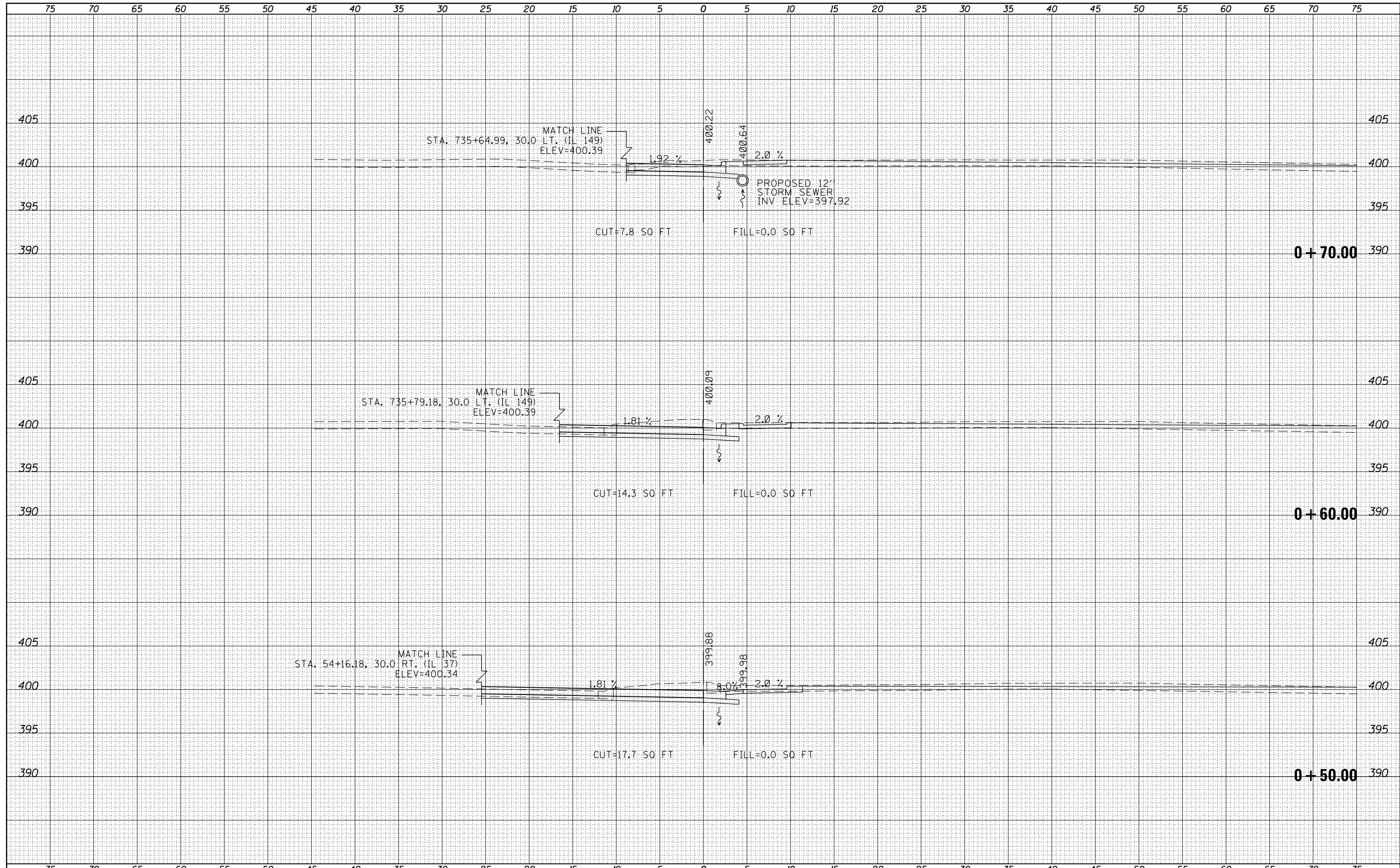
|                     |  |
|---------------------|--|
| DATE                |  |
| BY                  |  |
| ORIGINAL SURVEY NO. |  |
| SURVEYED            |  |
| PLOTTED             |  |
| TEMPLATE            |  |
| AREAS               |  |
| CHECKED             |  |

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



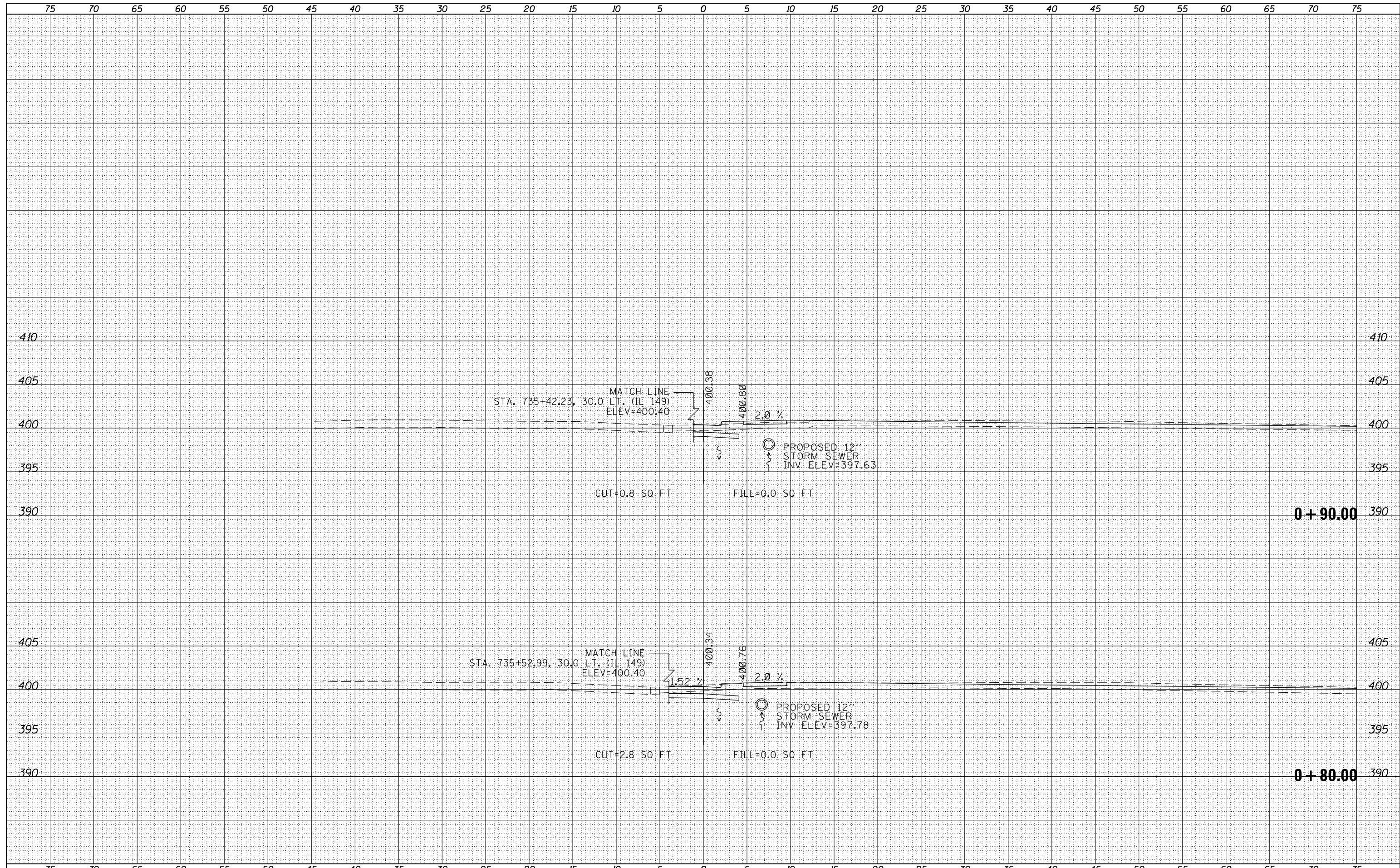
|              |  |
|--------------|--|
| DATE         |  |
| BY           |  |
| FINAL SURVEY |  |
| NO. _____    |  |
| SURVEYED     |  |
| PLOTTED      |  |
| TEMPLATE     |  |
| AREAS        |  |
| CHECKED      |  |

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



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

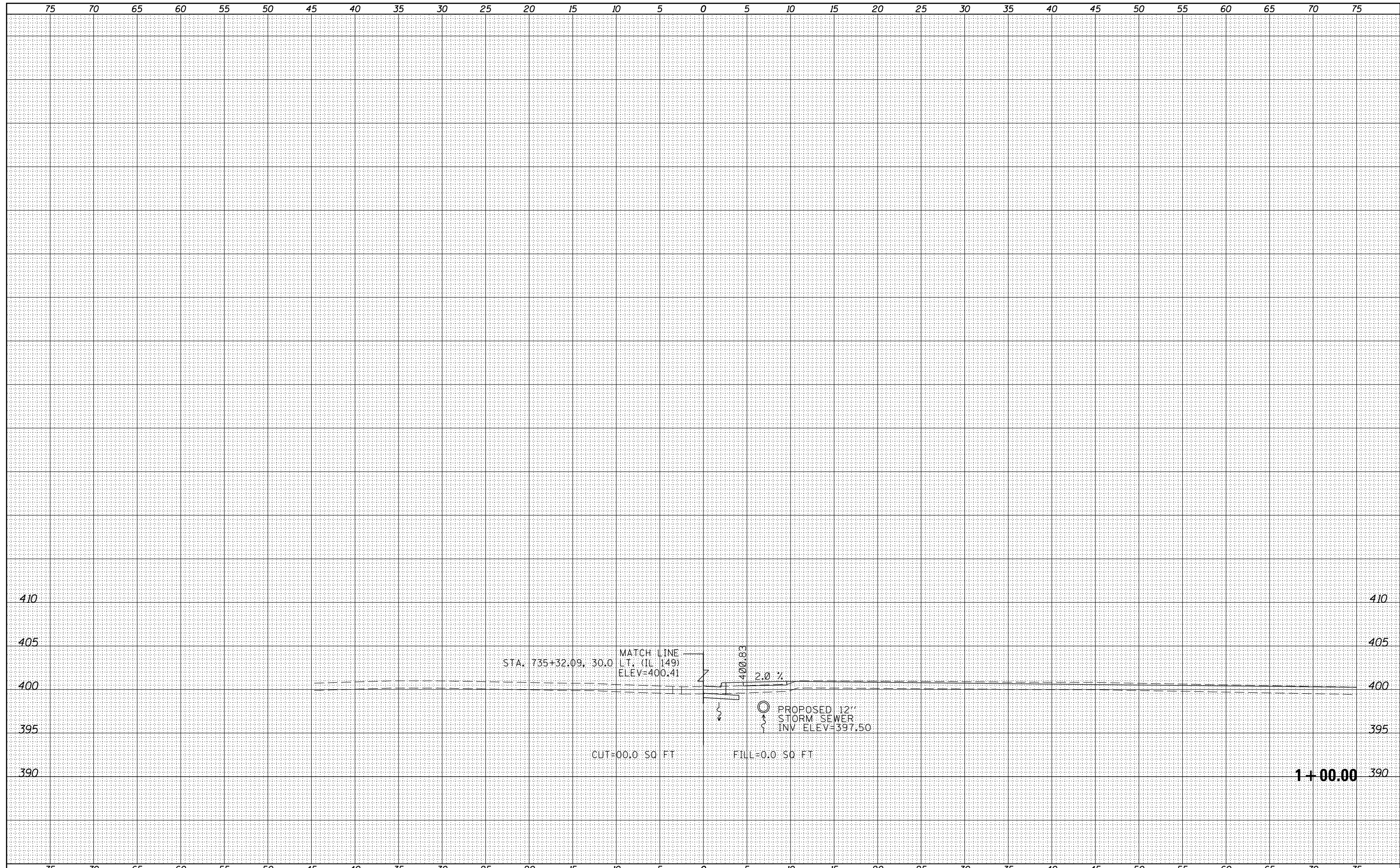
|                         |  |
|-------------------------|--|
| DATE                    |  |
| BY                      |  |
| ORIGINAL SURVEY NO.     |  |
| SURVEYED PLOTTED        |  |
| NOTE BOOK AREAS CHECKED |  |



|   |                    |            |                           |   |  |    |        |             |         |                    |              |           |
|---|--------------------|------------|---------------------------|---|--|----|--------|-------------|---------|--------------------|--------------|-----------|
| FILE NAME =                                     | USER NAME = susers | DESIGNED - | REVISED -                 | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>CROSS SECTION SHEETS - NORTHWEST QUADRANT</b> |    |        | F.A.U. RTÉ. | SECTION | COUNTY             | TOTAL SHEETS | SHEET NO. |
| es:\pw_work\pwidot\pufferae\d0293206\78288-sh-t | quod.dgn           | DRAWN -    | REVISED -                 |   |  |    |        | 9481        | 12(N-1) | FRANKLIN           | 94           | 77        |
| PLOT SCALE = 10.0000' / in.                     | CHECKED -          | REVISED -  | SCALE:                    |   | SHEET  | OF | SHEETS | STA.        | TO STA. | CONTRACT NO. 78288 |              |           |
| PLOT DATE = 3/22/2013                           | DATE -             | REVISED -  | ILLINOIS FED. AID PROJECT |   |  |    |        |             |         |                    |              |           |

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

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

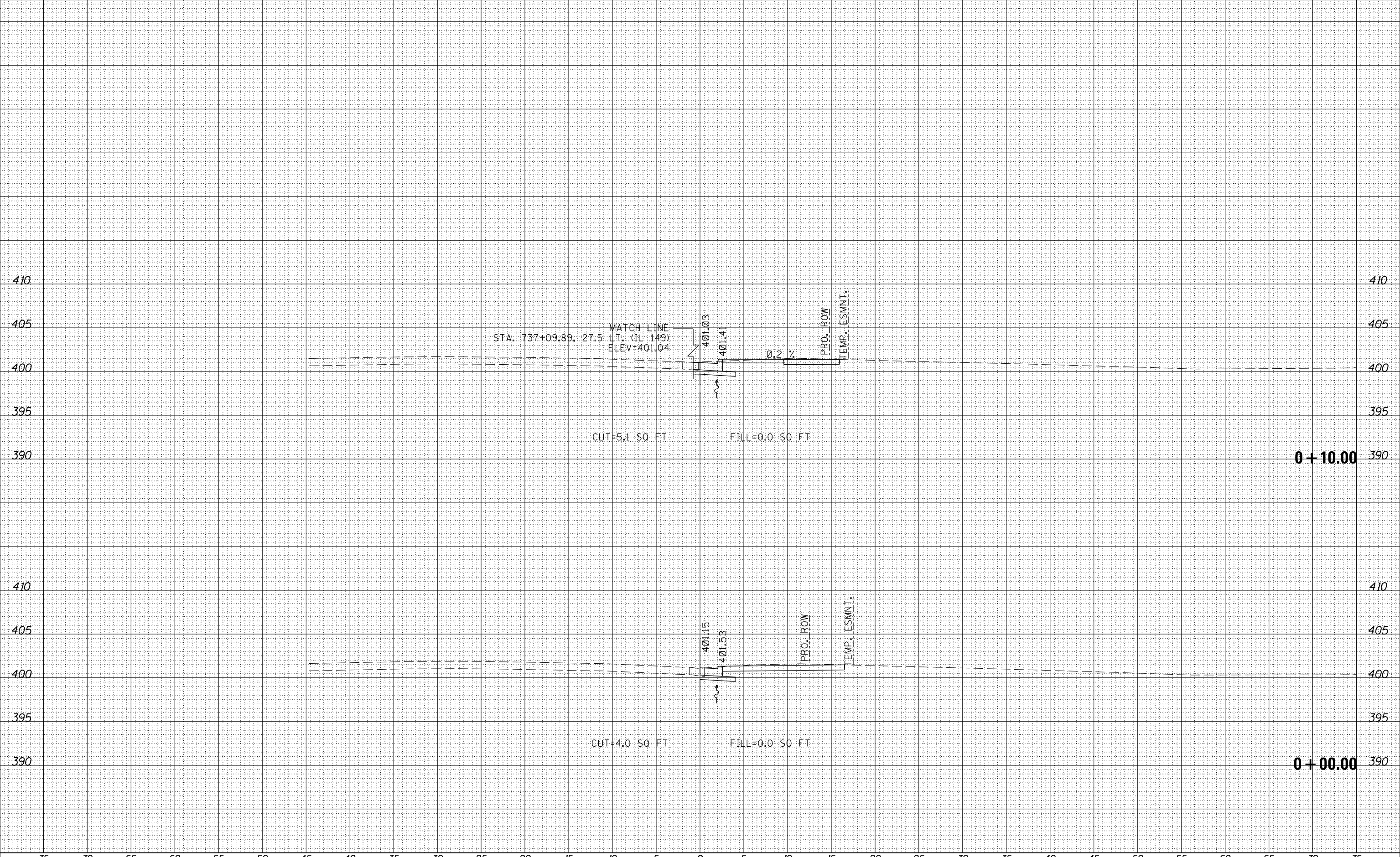


|   |                       |            |           |   |  |                    |                 |                           |              |           |  |
|---|-----------------------|------------|-----------|---|--|--------------------|-----------------|---------------------------|--------------|-----------|--|
| FILE NAME =                                     | USER NAME = \$USERS   | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>CROSS SECTION SHEETS - NORTHWEST QUADRANT</b> | F.A.U. RTÉ.        | SECTION         | COUNTY                    | TOTAL SHEETS | SHEET NO. |  |
| es:\pw_work\pwidot\pufferae\d8293206\78288-sh-t | ks-quad.dgn           | DRAWN -    | REVISED - |   |  | 9481               | 12(N-1)         | FRANKLIN                  | 94           | 78        |  |
| \$MODELNAME\$                                   | PLOT DATE = 3/22/2013 | CHECKED -  | REVISED - |   |  | CONTRACT NO. 78288 |                 | ILLINOIS FED. AID PROJECT |              |           |  |
|   |                       | DATE -     | REVISED - |   |  | SCALE:             | SHEET OF SHEETS | STA.                      | TO STA.      |           |  |

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

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

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

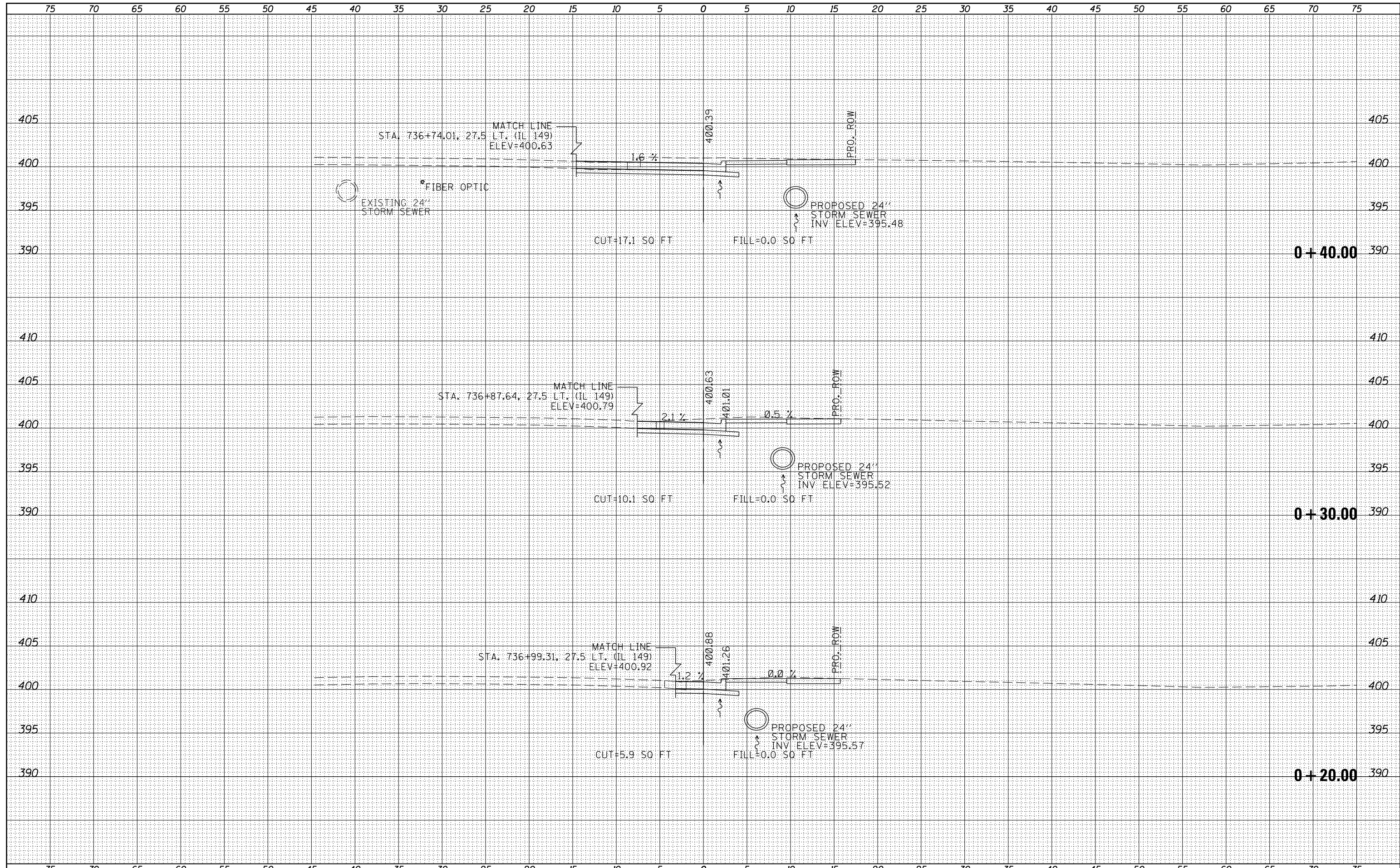


|   |                       |            |           |  |                           |         |          |              |           |
|---|-----------------------|------------|-----------|--|---------------------------|---------|----------|--------------|-----------|
| FILE NAME =                                     | USER NAME = \$USERS   | DESIGNED - | REVISED - | <p align="center"><b>STATE OF ILLINOIS</b><br/><b>DEPARTMENT OF TRANSPORTATION</b></p> <p align="center"><b>CROSS SECTION SHEETS - NORTHEAST QUADRANT</b></p> <p>SCALE:       SHEET      OF      SHEETS      STA.              TO STA.</p> | F.A.U. RTE.               | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO. |
| es:\pw_work\pwidot\pufferee\d0293206\78288-sh-t | cs-quad.dgn           | DRAWN -    | REVISED - |  | 9481                      | 12(N-1) | FRANKLIN | 94           | 79        |
|   |                       | CHECKED -  | REVISED - |  | CONTRACT NO. 78288        |         |          |              |           |
| \$MODELNAME\$                                   | PLOT DATE = 3/22/2013 | DATE -     | REVISED - |  | ILLINOIS FED. AID PROJECT |         |          |              |           |



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

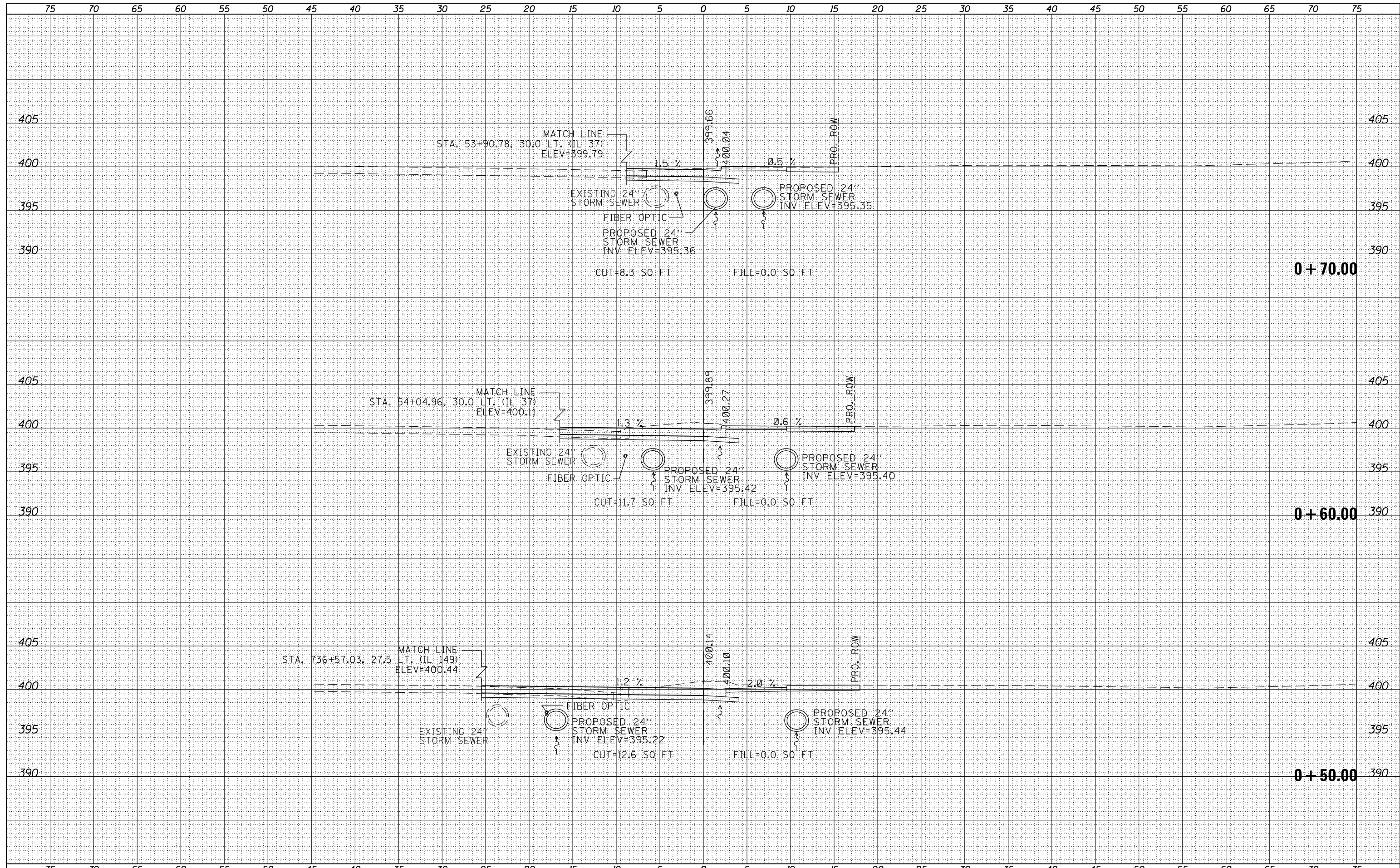
|                 |  |
|-----------------|--|
| DATE            |  |
| BY              |  |
| SURVEYED        |  |
| PLOTTED         |  |
| TEMPLATE        |  |
| AREAS           |  |
| CHECKED         |  |
| ORIGINAL SURVEY |  |
| NOTE BOOK       |  |
| NO.             |  |



|  |                    |            |                           |   |  |             |          |        |              |           |
|--|--------------------|------------|---------------------------|---|--|-------------|----------|--------|--------------|-----------|
| FILE NAME =  | USER NAME = susers | DESIGNED - | REVISÉ -                  | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>CROSS SECTION SHEETS - NORTHEAST QUADRANT</b> | F.A.U. RTÉ. | SECTION  | COUNTY | TOTAL SHEETS | SHEET NO. |
| es:\pw_work\pwidot\pufferae\d0293206\78288-sh-t-quad.dgn | DRAWN -            | REVISÉ -   | 9481                      |   |  | 12(N-1)     | FRANKLIN | 94     | 80           |           |
| PLOT SCALE = 10.0000' / in.                              | CHECKED -          | REVISÉ -   | CONTRACT NO. 78288        |   |  |             |          |        |              |           |
| *MODELNAME*  | DATE -             | REVISÉ -   | ILLINOIS FED. AID PROJECT |   |  |             |          |        |              |           |
|  |                    |            |                           | SCALE:  | SHEET OF SHEETS                                  | STA.        | TO STA.  |        |              |           |

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

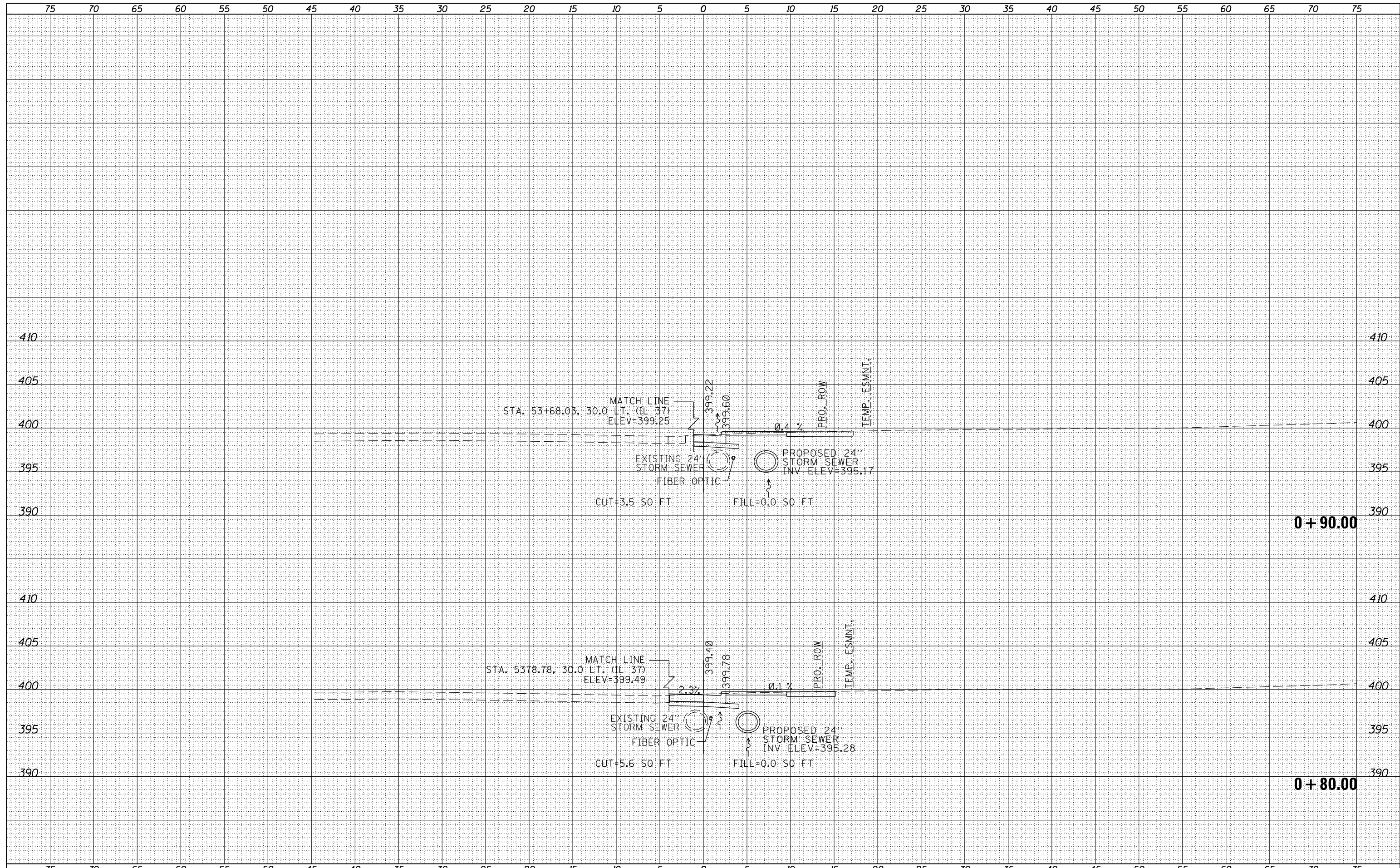
|                 |  |
|-----------------|--|
| DATE            |  |
| BY              |  |
| ORIGINAL SURVEY |  |
| NO. _____       |  |
| SURVEYED        |  |
| PLOTTED         |  |
| TEMPLATE        |  |
| AREAS           |  |
| CHECKED         |  |



|   |                             |            |           |   |  |  |  |                    |         |          |              |           |
|---|-----------------------------|------------|-----------|---|--|--|--|--------------------|---------|----------|--------------|-----------|
| FILE NAME =                                     | USER NAME = \$USERS         | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>CROSS SECTION SHEETS - NORTHEAST QUADRANT</b> |  |  | F.A.U. RTÉ.        | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO. |
| es:\pw_work\pwidot\pufferae\d0293206\78288-sh-t | cs-quad.dgn                 | DRAWN -    | REVISED - |   |  |  |  | 9481               | 12(N-1) | FRANKLIN | 94           | 81        |
| *MODELNAME*                                     | PLOT SCALE = 10.0000' / in. | CHECKED -  | REVISED - |   | SCALE: SHEET OF SHEETS STA. TO STA.              |  |  | CONTRACT NO. 78288 |         |          |              |           |
|   | PLOT DATE = 3/22/2013       | DATE -     | REVISED - |   | ILLINOIS FED. AID PROJECT                        |  |  |                    |         |          |              |           |

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

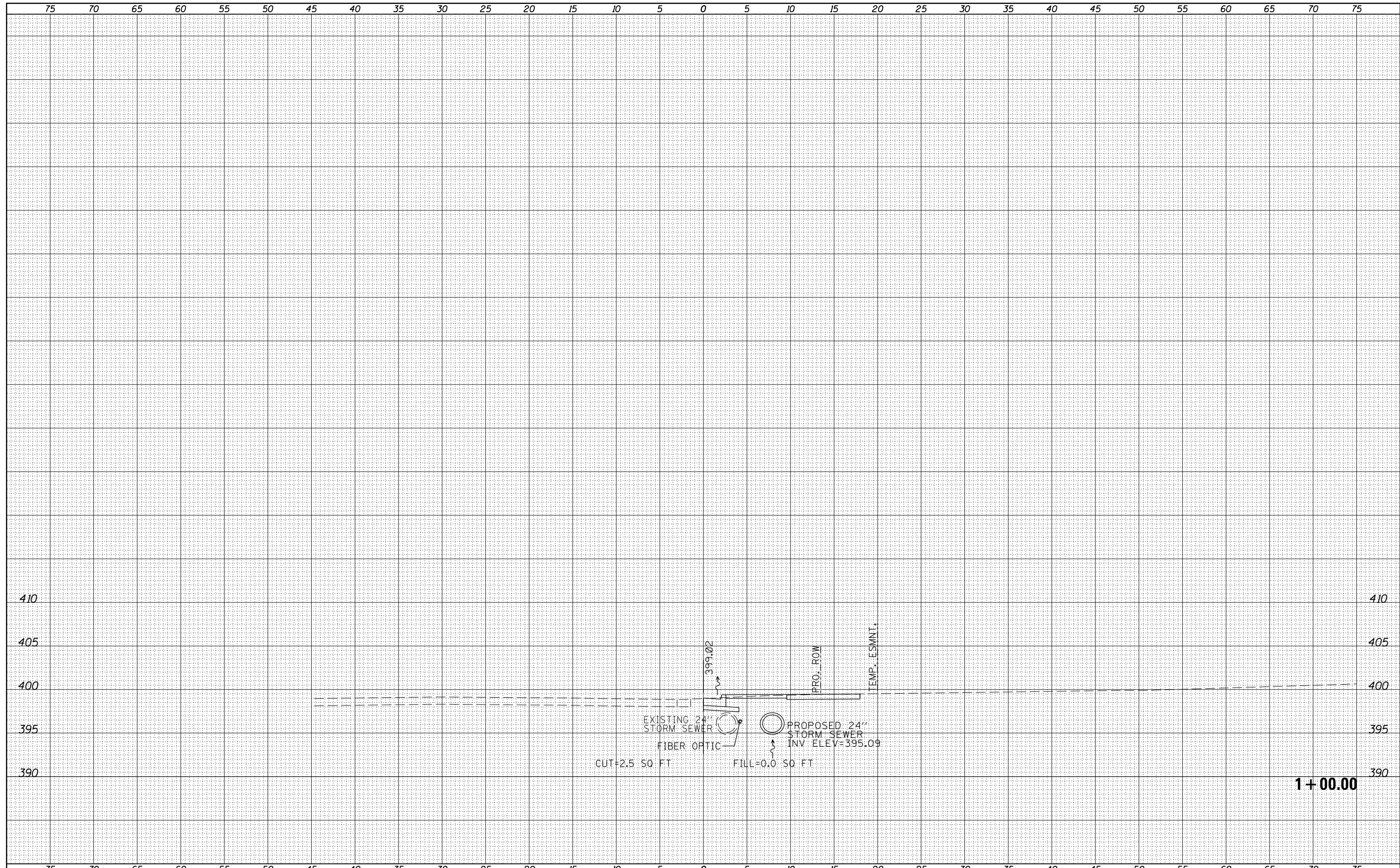
|                 |  |
|-----------------|--|
| DATE            |  |
| BY              |  |
| SURVEYED        |  |
| PLOTTED         |  |
| TEMPLATE        |  |
| AREAS           |  |
| CHECKED         |  |
| ORIGINAL SURVEY |  |
| NOTE BOOK       |  |
| NO.             |  |



|   |                       |            |           |   |  |                    |         |          |              |           |         |
|---|-----------------------|------------|-----------|---|--|--------------------|---------|----------|--------------|-----------|---------|
| FILE NAME =                                     | USER NAME = \$USERS   | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>CROSS SECTION SHEETS - NORTHEAST QUADRANT</b> | F.A.U. RTÉ.        | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO. |         |
| es:\pw_work\pwidot\pufferae\d0293206\78288-sh-t | ks-quad.dgn           | DRAWN -    | REVISED - |   |  | 9481               | 12(N-1) | FRANKLIN | 94           | 82        |         |
| \$MODELNAME\$                                   | PLOT DATE = 3/22/2013 | CHECKED -  | REVISED - |   |  | CONTRACT NO. 78288 |         |          |              |           |         |
|   |                       | DATE -     | REVISED - |   |  | SCALE:             | SHEET   | OF       | SHEETS       | STA.      | TO STA. |

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

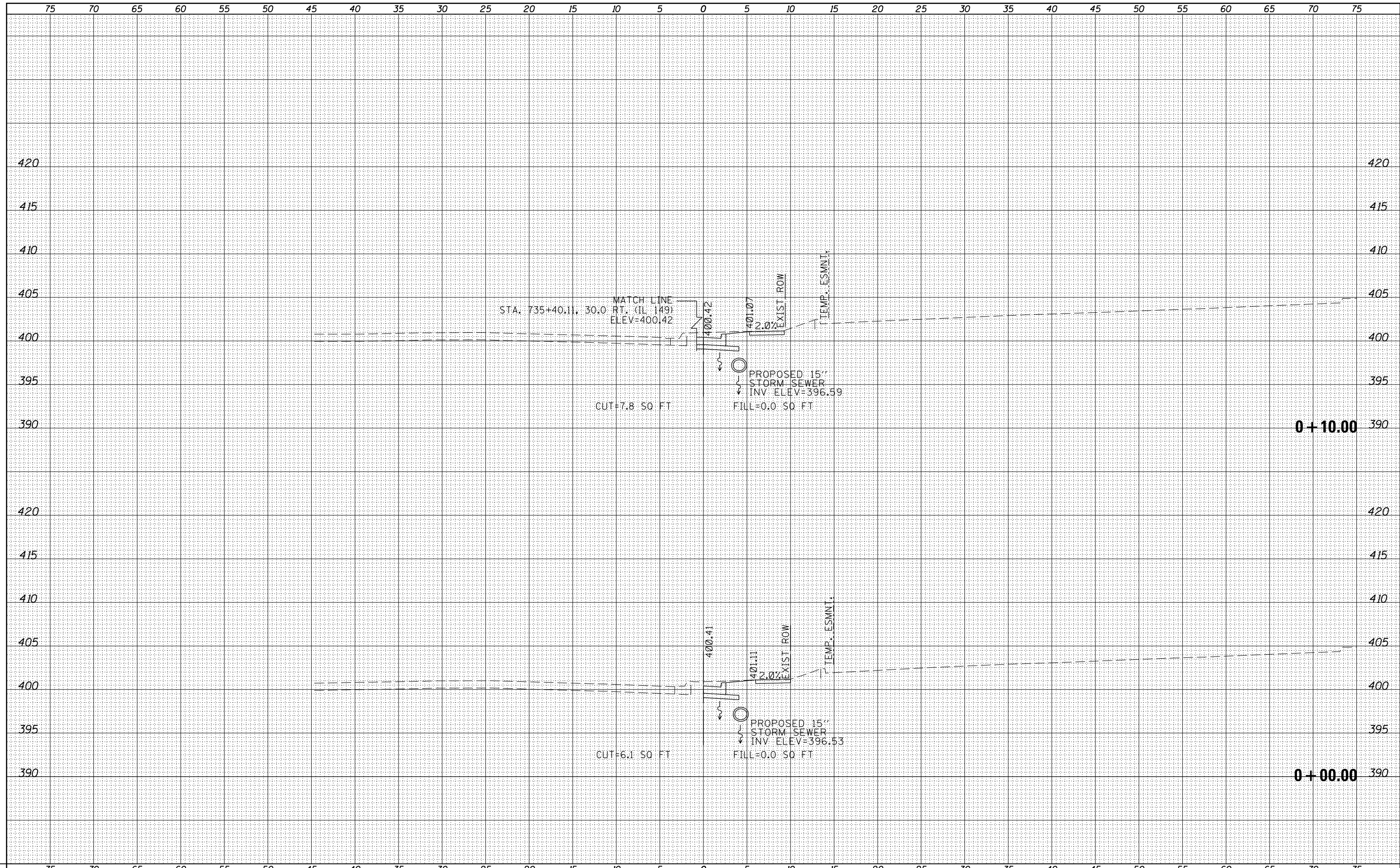
|                 |               |
|-----------------|---------------|
| DATE            |               |
| BY              |               |
| ORIGINAL SURVEY | SURVEYED      |
| NOTE BOOK       | PLOTTED       |
| NO.             | TEMPLATE      |
|                 | AREAS CHECKED |



|   |                             |            |            |   |  |                           |         |          |              |           |
|---|-----------------------------|------------|------------|---|--|---------------------------|---------|----------|--------------|-----------|
| FILE NAME =                                     | USER NAME = \$USERS         | DESIGNED - | REVISIED - | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>CROSS SECTION SHEETS - NORTHEAST QUADRANT</b> | F.A.U. RTÉ.               | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO. |
| es:\pw_work\pwidot\pufferae\d0293206\78288-sh-t | ks-quad.dgn                 | DRAWN -    | REVISIED - |   |  | 9481                      | 12(N-1) | FRANKLIN | 94           | 83        |
| \$MODELNAME\$                                   | PLOT SCALE = 10.0000' / in. | CHECKED -  | REVISIED - |   |  | CONTRACT NO. 78288        |         |          |              |           |
|   | PLOT DATE = 3/22/2013       | DATE -     | REVISIED - |   |  | ILLINOIS FED. AID PROJECT |         |          |              |           |

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

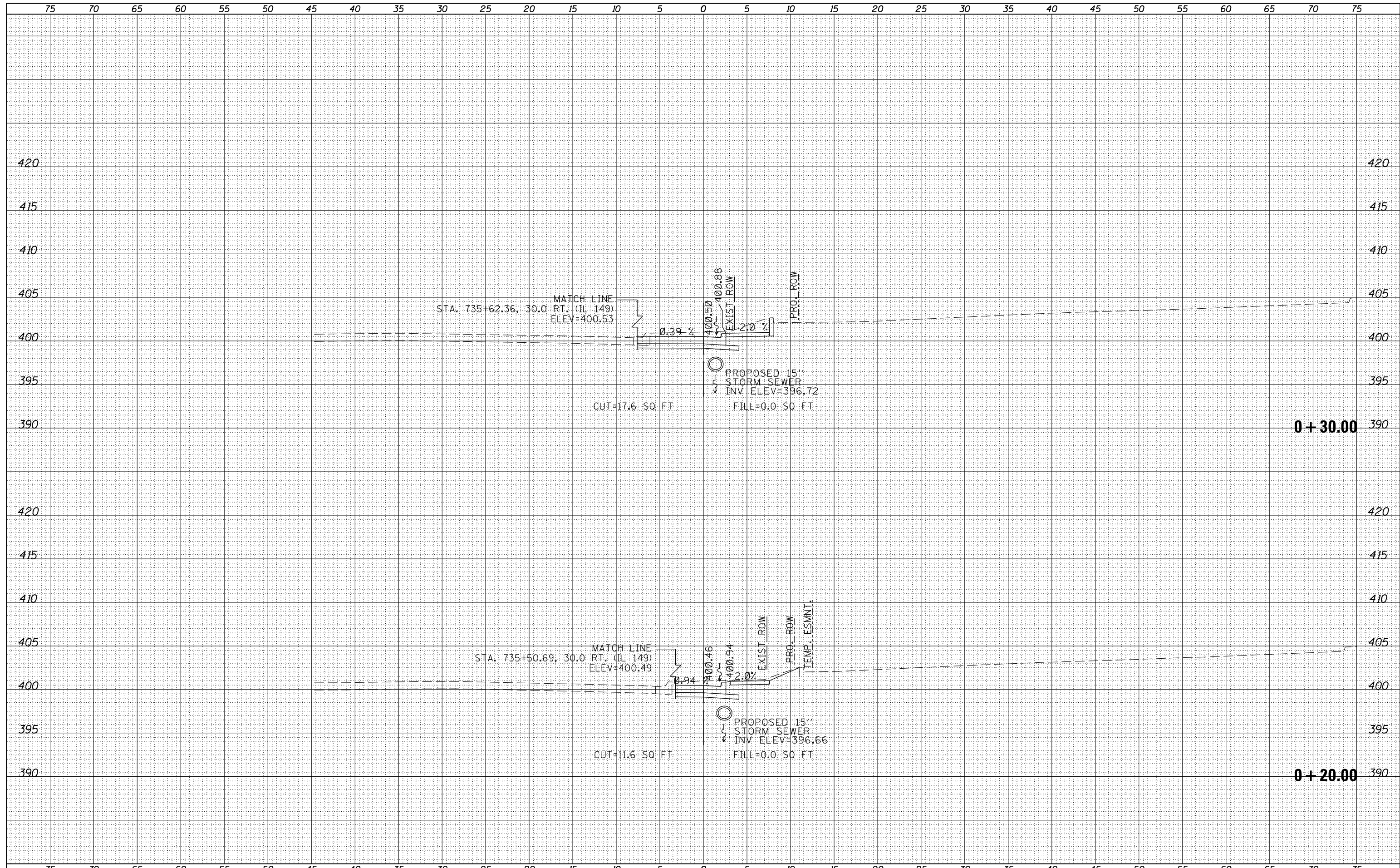
|                 |  |
|-----------------|--|
| DATE            |  |
| BY              |  |
| ORIGINAL SURVEY |  |
| SURVEYED        |  |
| PLOTTED         |  |
| NOTE BOOK       |  |
| AREAS CHECKED   |  |
| NO.             |  |



|   |                             |            |           |   |  |  |  |             |         |          |              |           |      |                    |
|---|-----------------------------|------------|-----------|---|--|--|--|-------------|---------|----------|--------------|-----------|------|--------------------|
| FILE NAME =                                     | USER NAME = susers          | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>CROSS SECTION SHEETS - SOUTHWEST QUADRANT</b> |  |  | F.A.U. RTE. | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO. |      |                    |
| es:\pw_work\pwidot\pufferae\d0293206\78288-sh-t | cs-quad.dgn                 | DRAWN -    | REVISED - |   |  |  |  | 9481        | 12(N-1) | FRANKLIN | 94           | 84        |      |                    |
| \$MODELNAME\$                                   | PLOT SCALE = 10.0000' / in. | CHECKED -  | REVISED - |   | SCALE:   |  |  | SHEET       | OF      | SHEETS   | STA.         | TO        | STA. | CONTRACT NO. 78288 |
|   | PLOT DATE = 3/22/2013       | DATE -     | REVISED - |   | ILLINOIS FED. AID PROJECT                        |  |  |             |         |          |              |           |      |                    |

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

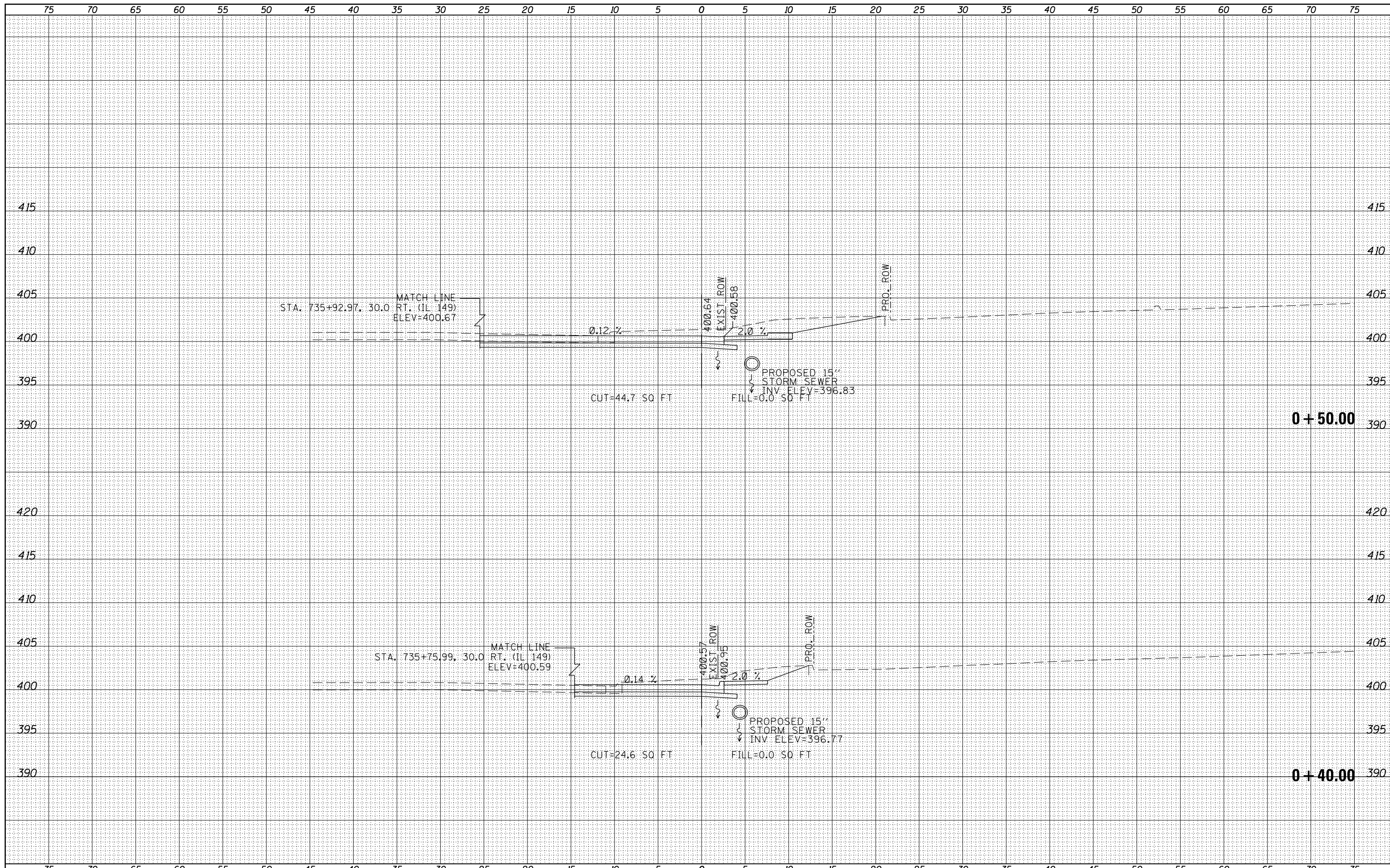
|                 |  |
|-----------------|--|
| DATE            |  |
| BY              |  |
| ORIGINAL SURVEY |  |
| PLOTTED         |  |
| NOTE BOOK       |  |
| AREAS CHECKED   |  |
| NO.             |  |



|  |                     |            |           |   |  |                 |              |                           |         |          |              |           |
|--|---------------------|------------|-----------|---|--|-----------------|--------------|---------------------------|---------|----------|--------------|-----------|
| FILE NAME =  | USER NAME = \$USERS | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>CROSS SECTION SHEETS - SOUTHWEST QUADRANT</b> |                 |              | F.A.U. RTE.               | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO. |
| es:\pw_work\p\dot\pufferae\d0293206\78288-sh-t\ss-quad.dgn |                     | DRAWN -    | REVISED - |   |  |                 |              | 9481                      | 12(N-1) | FRANKLIN | 94           | 85        |
| PLOT SCALE = 10.0000' / in.                                |                     | CHECKED -  | REVISED - |   | CONTRACT NO. 78288                               |                 |              | ILLINOIS FED. AID PROJECT |         |          |              |           |
| \$MODELNAME\$  |                     | DATE -     | REVISED - |   | SCALE:   | SHEET OF SHEETS | STA. TO STA. |                           |         |          |              |           |

|                 |  |
|-----------------|--|
| DATE            |  |
| BY              |  |
| FINISHED SURVEY |  |
| PLOTTED         |  |
| NOTE BOOK       |  |
| AREAS CHECKED   |  |

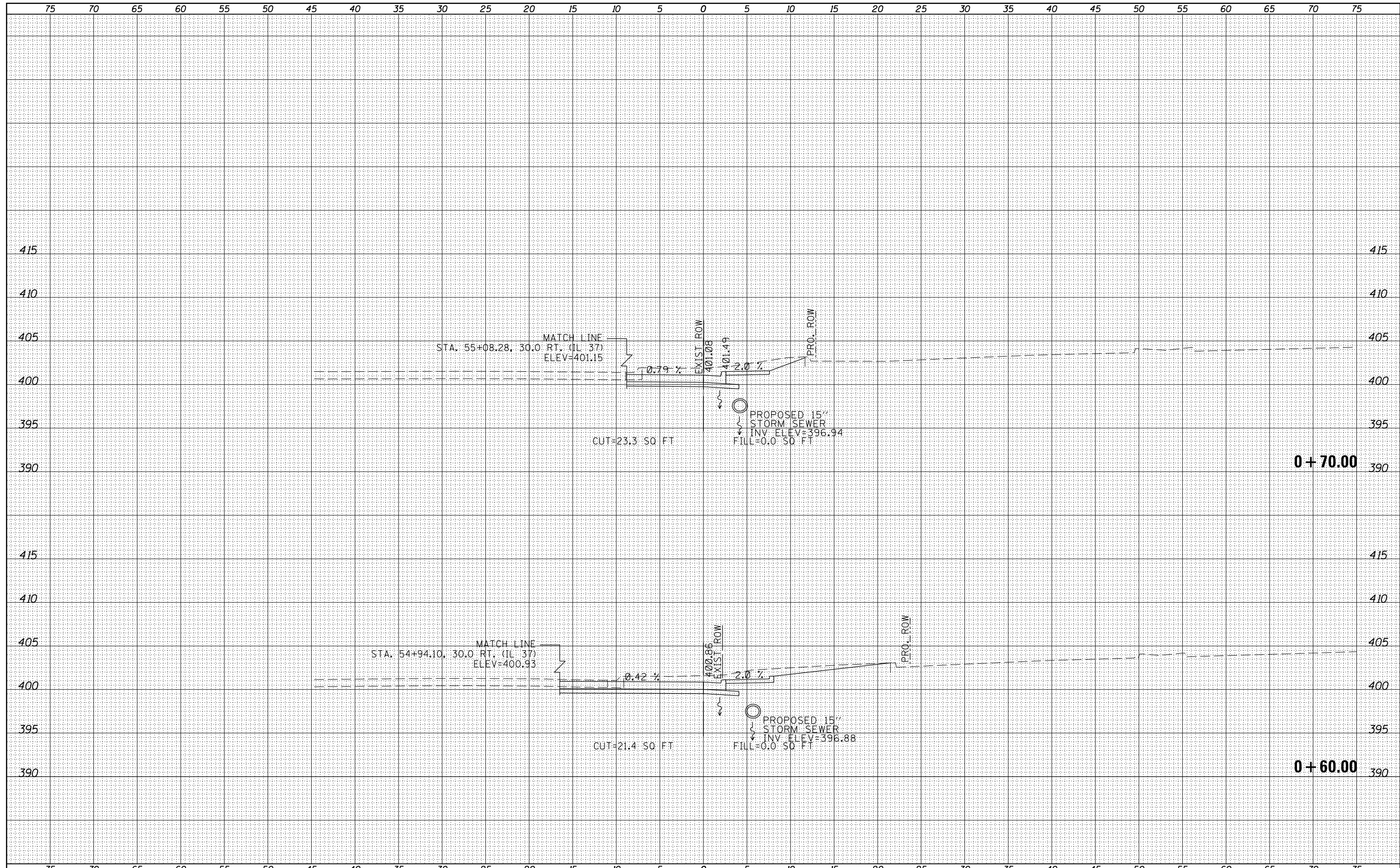
|                 |  |
|-----------------|--|
| DATE            |  |
| BY              |  |
| ORIGINAL SURVEY |  |
| PLOTTED         |  |
| NOTE BOOK       |  |
| AREAS CHECKED   |  |



|  |                     |            |           |   |  |                    |                 |              |                           |           |
|--|---------------------|------------|-----------|---|--|--------------------|-----------------|--------------|---------------------------|-----------|
| FILE NAME =  | USER NAME = \$USERS | DESIGNED - | REVISÉD - | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>CROSS SECTION SHEETS - SOUTHWEST QUADRANT</b> | F.A.U. RTÉ.        | SECTION         | COUNTY       | TOTAL SHEETS              | SHEET NO. |
| es:\pw\work\p\idot\puff\erae\d0293206\78288-sh-t\ss-quad.dgn |                     | DRAWN -    | REVISÉD - |   |  | 9481               | 12(N-1)         | FRANKLIN     | 94                        | 86        |
| \$MODELNAME\$  |                     | CHECKED -  | REVISÉD - |   |  | CONTRACT NO. 78288 |                 |              |                           |           |
|  |                     | DATE -     | REVISÉD - |   |  | SCALE:             | SHEET OF SHEETS | STA. TO STA. | ILLINOIS FED. AID PROJECT |           |

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

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

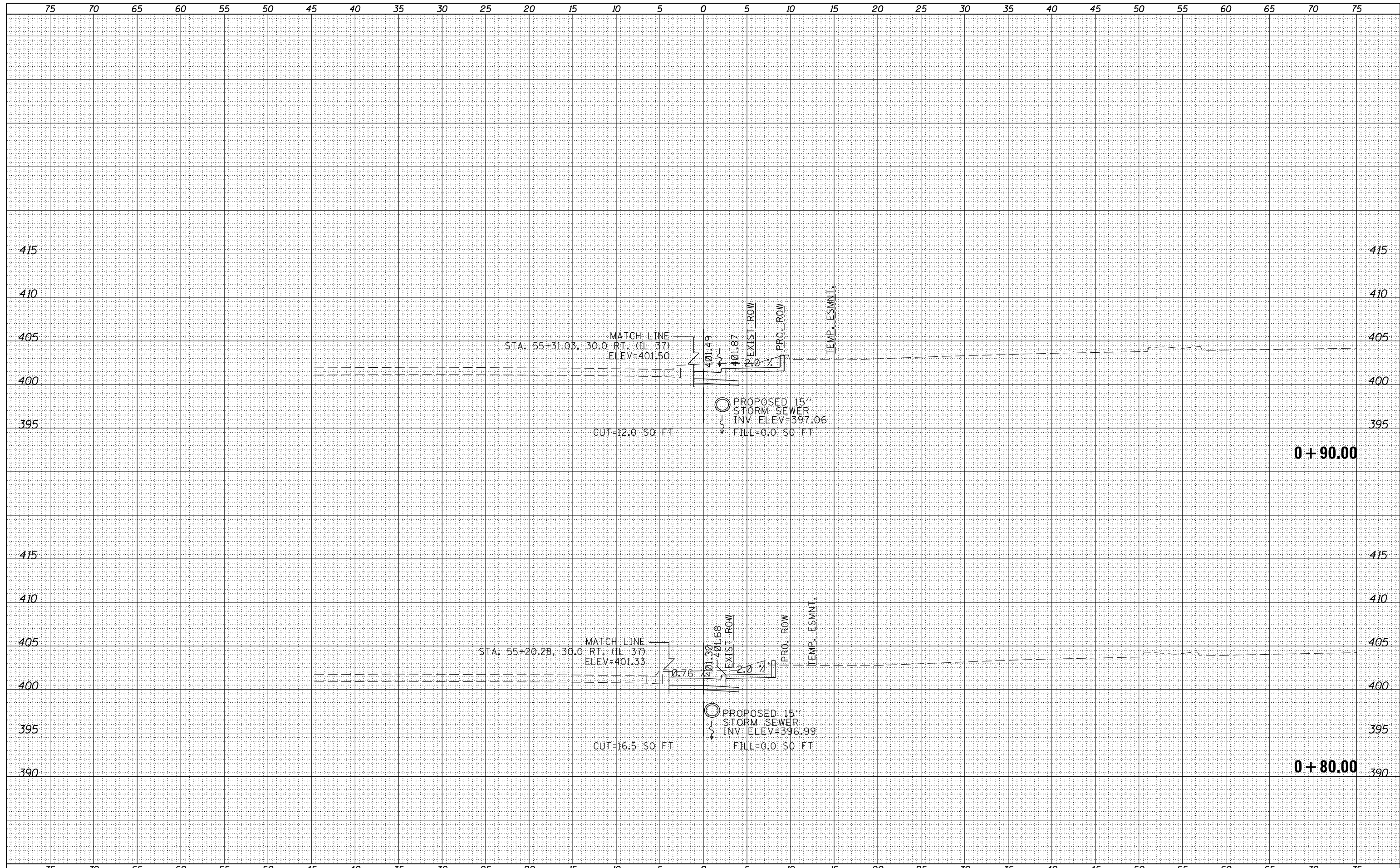


|  |                     |            |           |   |  |  |                 |               |                    |          |              |           |
|--|---------------------|------------|-----------|---|--|--|-----------------|---------------|--------------------|----------|--------------|-----------|
| FILE NAME =  | USER NAME = \$USERS | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>CROSS SECTION SHEETS - SOUTHWEST QUADRANT</b> |  |                 | F.A.U. R.T.E. | SECTION            | COUNTY   | TOTAL SHEETS | SHEET NO. |
| es:\pw_work\p\dot\pufferae\d0293206\78288-sh-t-ss-quad.dgn |                     | DRAWN -    | REVISED - |   |  |  |                 | 9481          | 12(N-1)            | FRANKLIN | 94           | 87        |
| \$MODELNAME\$  |                     | CHECKED -  | REVISED - |   | SCALE:   |  | SHEET OF SHEETS | STA. TO STA.  | CONTRACT NO. 78288 |          |              |           |
|  |                     | DATE -     | REVISED - |   | ILLINOIS FED. AID PROJECT                        |  |                 |               |                    |          |              |           |



|    |      |
|----|------|
| BY | DATE |
|    |      |
|    |      |
|    |      |
|    |      |
|    |      |
|    |      |
|    |      |
|    |      |
|    |      |

|    |      |
|----|------|
| BY | DATE |
|    |      |
|    |      |
|    |      |
|    |      |
|    |      |
|    |      |
|    |      |
|    |      |
|    |      |



FILE NAME =  
 USER NAME = susers  
 DESIGNED -  
 DRAWN -  
 PLOT SCALE = 10.0000' / 1"  
 PLOT DATE = 3/22/2013

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION SHEETS - SOUTHWEST QUADRANT**

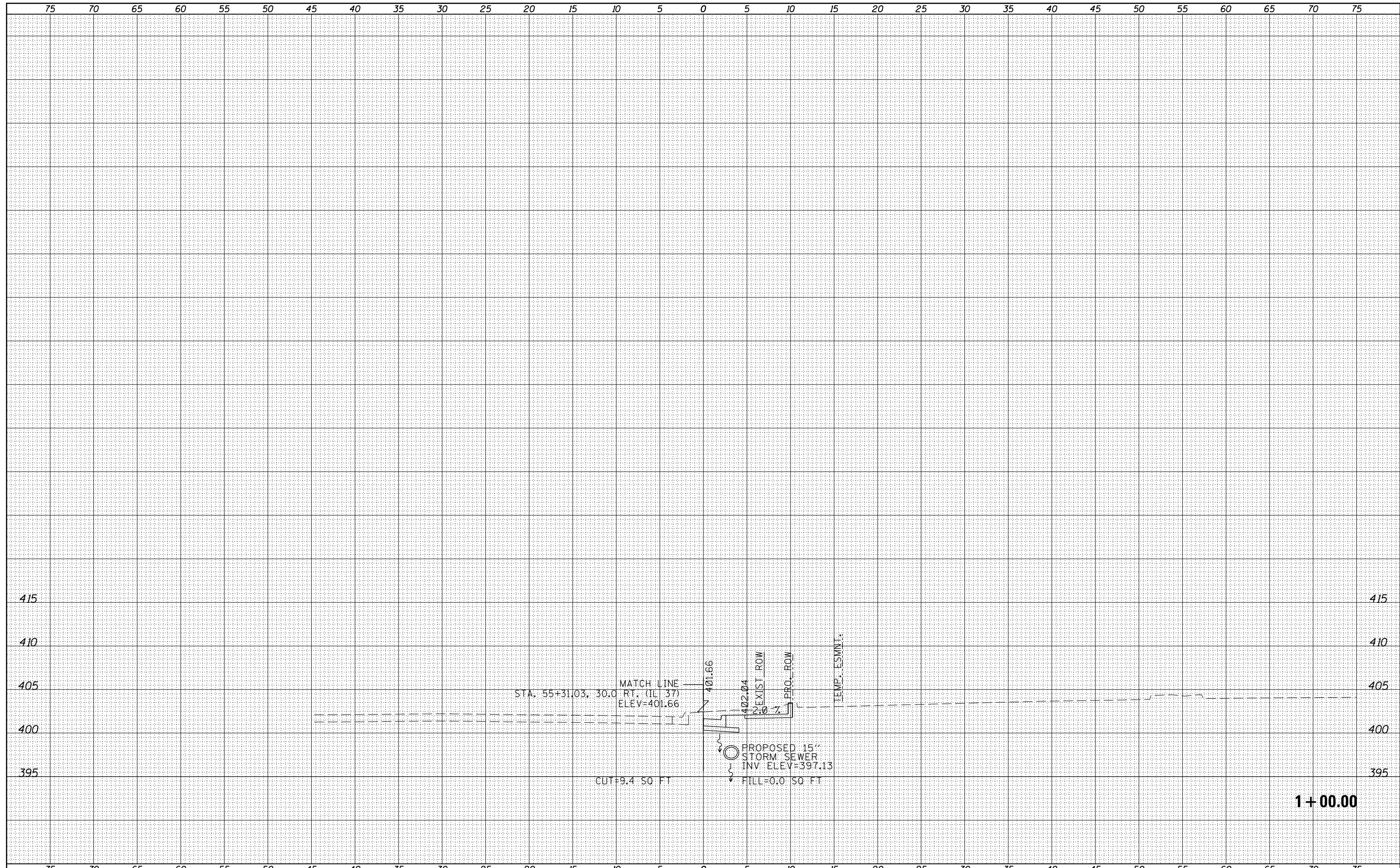
SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY   | TOTAL SHEETS        | SHEET NO.    |
|-------------|---------|----------|---------------------|--------------|
| 9481        | 12(N-1) | FRANKLIN | 94                  | 88           |
|             |         |          | <b>CONTRACT NO.</b> | <b>78288</b> |

ILLINOIS FED. AID PROJECT

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

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

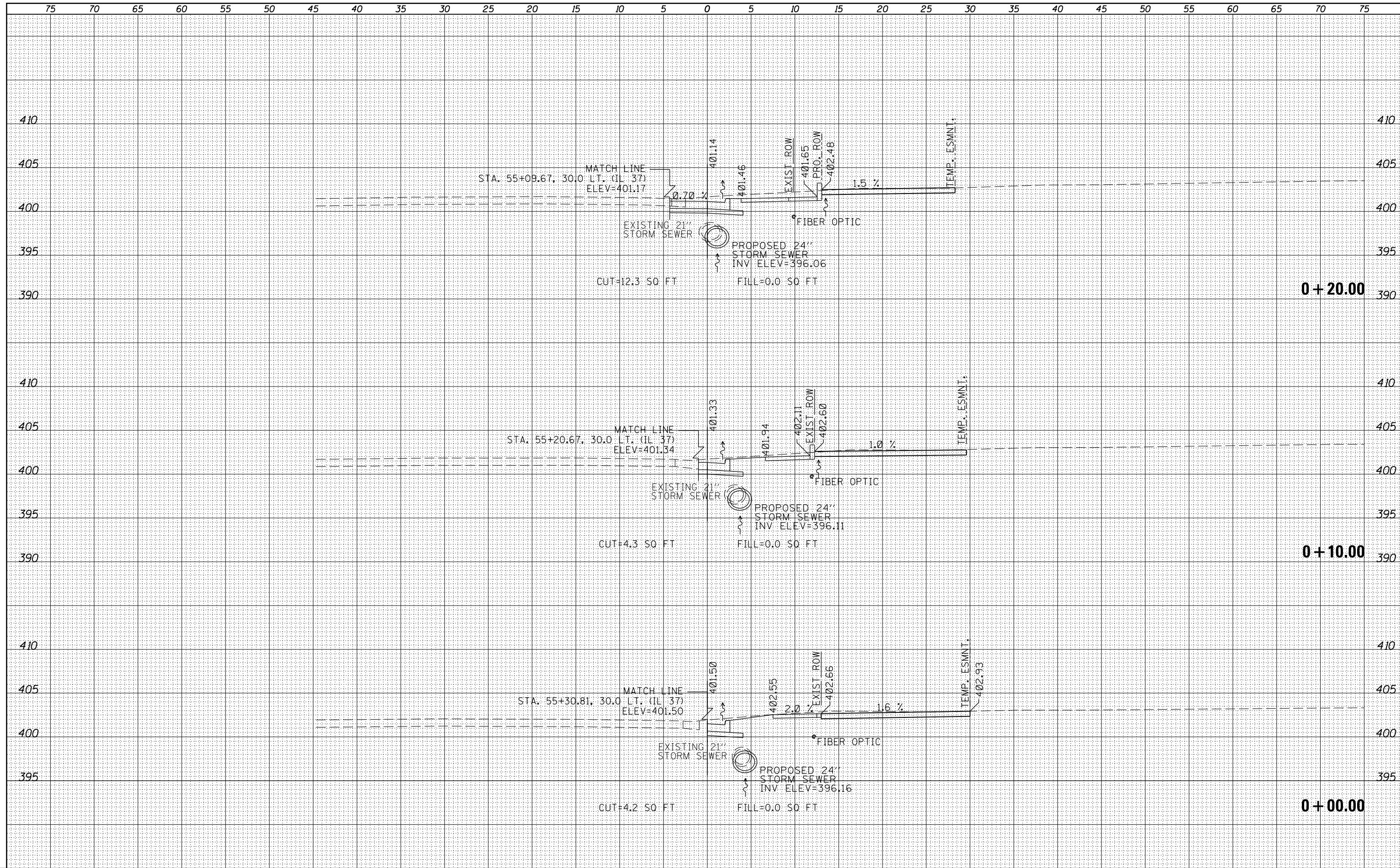


1+00.00

|   |                             |            |            |   |  |                    |                 |              |                           |           |  |
|---|-----------------------------|------------|------------|---|--|--------------------|-----------------|--------------|---------------------------|-----------|--|
| FILE NAME =                                   | USER NAME = \$USERS         | DESIGNED - | REVISIED - | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>CROSS SECTION SHEETS - SOUTHWEST QUADRANT</b> | F.A.U. RTE.        | SECTION         | COUNTY       | TOTAL SHEETS              | SHEET NO. |  |
| es:\pw_work\pwidot\pufferae\0293206\78288-shd | ks-quad.dgn                 | DRAWN -    | REVISIED - |   |  | 9481               | 12(N-1)         | FRANKLIN     | 94                        | 89        |  |
| \$MODELNAME\$                                 | PLOT SCALE = 10.0000' / in. | CHECKED -  | REVISIED - |   |  | CONTRACT NO. 78288 |                 |              |                           |           |  |
|   | PLOT DATE = 3/22/2013       | DATE -     | REVISIED - |   |  | SCALE:             | SHEET OF SHEETS | STA. TO STA. | ILLINOIS FED. AID PROJECT |           |  |

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

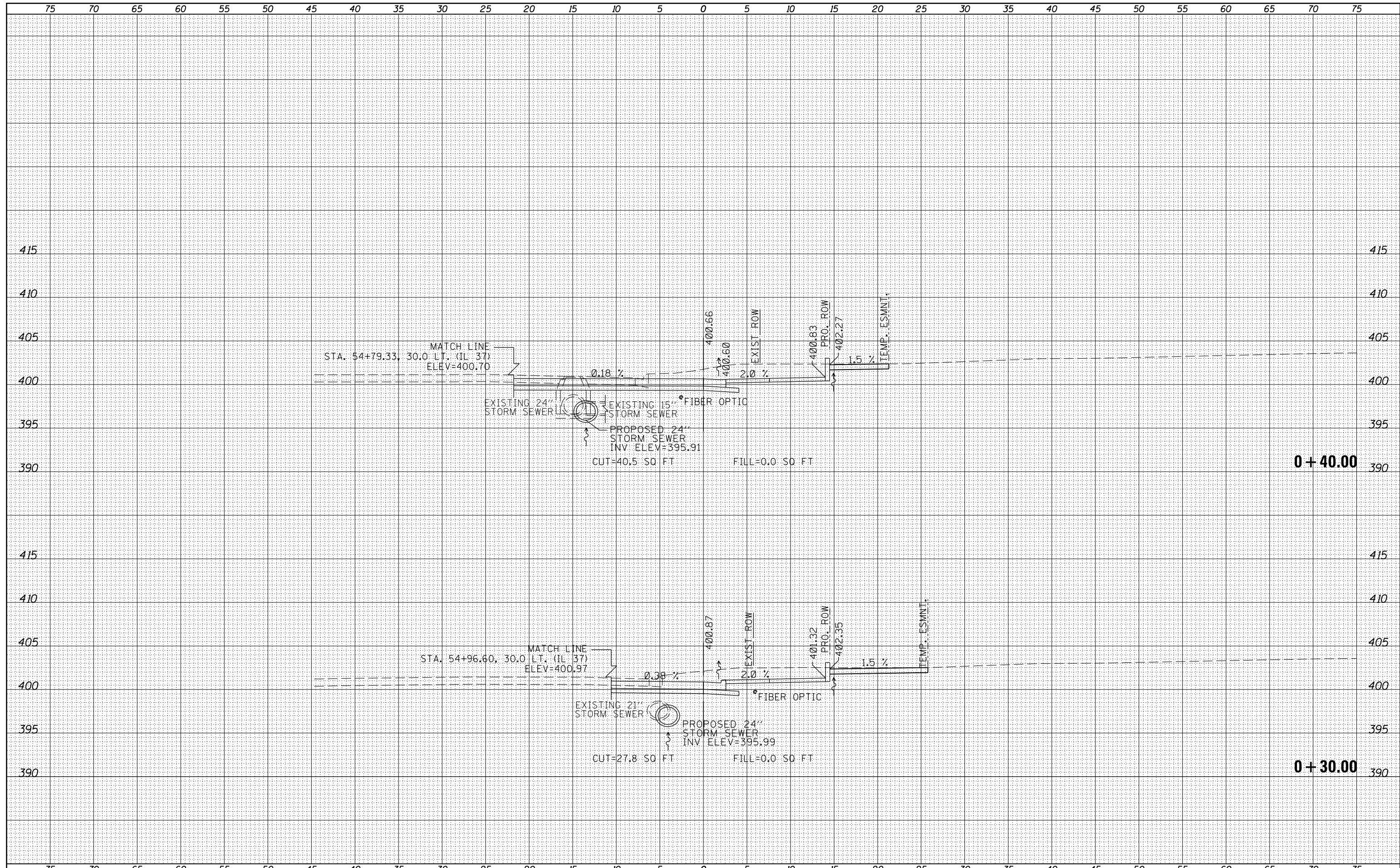
|                 |  |
|-----------------|--|
| DATE            |  |
| BY              |  |
| ORIGINAL SURVEY |  |
| SURVEYED        |  |
| PLOTTED         |  |
| TEMPLATE        |  |
| NOTE BOOK       |  |
| AREAS CHECKED   |  |
| NO.             |  |



|   |                     |            |           |   |  |                           |         |          |              |           |
|---|---------------------|------------|-----------|---|--|---------------------------|---------|----------|--------------|-----------|
| FILE NAME =   | USER NAME = \$USERS | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>CROSS SECTION SHEETS - SOUTHEAST QUADRANT</b> | F.A.U. RTÉ.               | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO. |
| es:\pw_work\pwidot\pufferae\d0293206\78288-sh-t-ss-quad.dgn |                     | DRAWN -    | REVISED - |   |  | 9481                      | 12(N-1) | FRANKLIN | 94           | 90        |
| PLOT SCALE = 10.0000' / in.                                 |                     | CHECKED -  | REVISED - |   |  | CONTRACT NO. 78288        |         |          |              |           |
| \$MODELNAME\$   |                     | DATE -     | REVISED - |   |  | ILLINOIS FED. AID PROJECT |         |          |              |           |
|   |                     |            |           |   | SCALE:   | SHEET                     | OF      | SHEETS   | STA.         | TO STA.   |

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

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



FILE NAME =  
 c:\pw\_work\p\dot\puffera\d0293206\78288-sh...-quad.dgn

USER NAME = susers  
 DESIGNED -  
 DRAWN -  
 PLOT SCALE = 10.0000' / in.  
 PLOT DATE = 3/22/2013

REVISIED -  
 REVISIED -  
 REVISIED -  
 REVISIED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION SHEETS - SOUTHEAST QUADRANT**

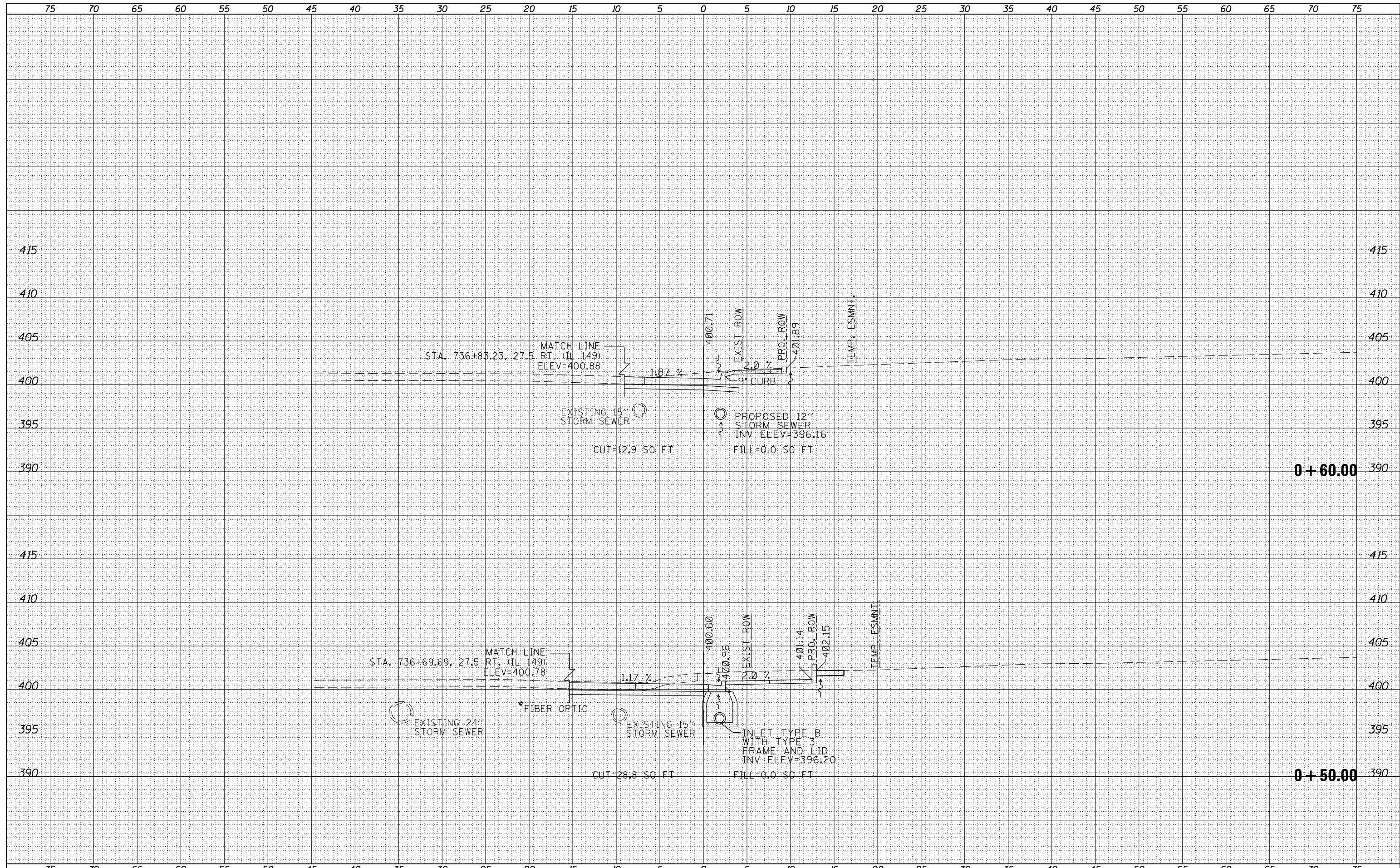
SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.U. RTE.        | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO. |
|--------------------|---------|----------|--------------|-----------|
| 9481               | 12(N-1) | FRANKLIN | 94           | 91        |
| CONTRACT NO. 78288 |         |          |              |           |

ILLINOIS FED. AID PROJECT

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

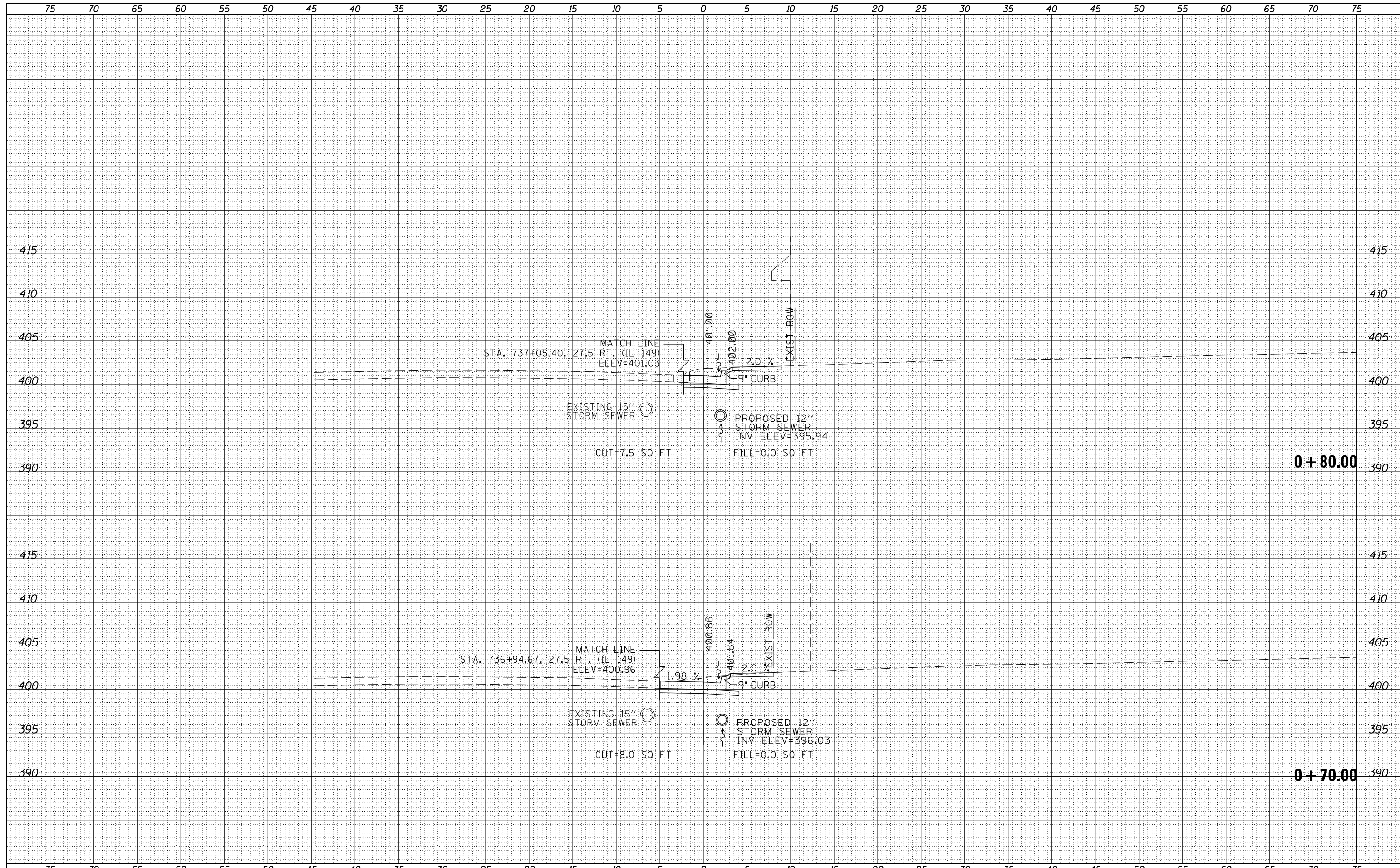
|                 |               |
|-----------------|---------------|
| DATE            |               |
| BY              |               |
| ORIGINAL SURVEY | SURVEYED      |
| NOTE BOOK NO.   | PLOTTED       |
|                 | TEMPLATE      |
|                 | AREAS CHECKED |



|   |                     |            |           |   |  |                           |         |          |              |           |
|---|---------------------|------------|-----------|---|--|---------------------------|---------|----------|--------------|-----------|
| FILE NAME =   | USER NAME = \$USERS | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>CROSS SECTION SHEETS - SOUTHEAST QUADRANT</b> | F.A.U. RTÉ.               | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO. |
| es:\pw_work\p\dot\pufferae\0293206\78288-sh-t\ss-quad.dgn |                     | DRAWN -    | REVISED - |   |  | 9481                      | 12(N-1) | FRANKLIN | 94           | 92        |
| PLOT SCALE = 10.0000' / in.                               |                     | CHECKED -  | REVISED - |   |  | CONTRACT NO. 78288        |         |          |              |           |
| \$MODELNAME\$   |                     | DATE -     | REVISED - |   |  | ILLINOIS FED. AID PROJECT |         |          |              |           |

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

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



|  |                     |            |            |  |                    |                 |                 |                 |              |
|--|---------------------|------------|------------|--|--------------------|-----------------|-----------------|-----------------|--------------|
| FILE NAME =                                    | USER NAME = \$USERS | DESIGNED - | REVISSED - | <p style="text-align: center;"><b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b></p> <p style="text-align: center;"><b>CROSS SECTION SHEETS - SOUTHEAST QUADRANT</b></p> <p>SCALE:      SHEET      OF      SHEETS      STA.      TO STA.</p> | F.A.U. RTE. 9481   | SECTION 12(N-1) | COUNTY FRANKLIN | TOTAL SHEETS 94 | SHEET NO. 93 |
| es:\pw_work\p\dot\puffera\ad293206\78288-sh... | cs-quad.dgn         | DRAWN -    | REVISSED - |  | CONTRACT NO. 78288 |                 |                 |                 |              |
| PLOT SCALE = 10.0000' / in.                    | CHECKED -           | REVISSED - |            |  |                    |                 |                 |                 |              |
| \$MODELNAME\$                                  | DATE -              | REVISSED - |            |  |                    |                 |                 |                 |              |

