

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|----------|----------|--------------------|-----------|
| 328 | 104 RS-4 | WAYNE | 77 | 1 |
| | | ILLINOIS | CONTRACT NO. 74448 | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

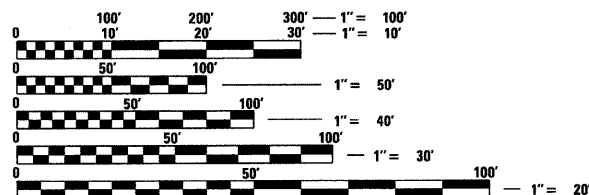
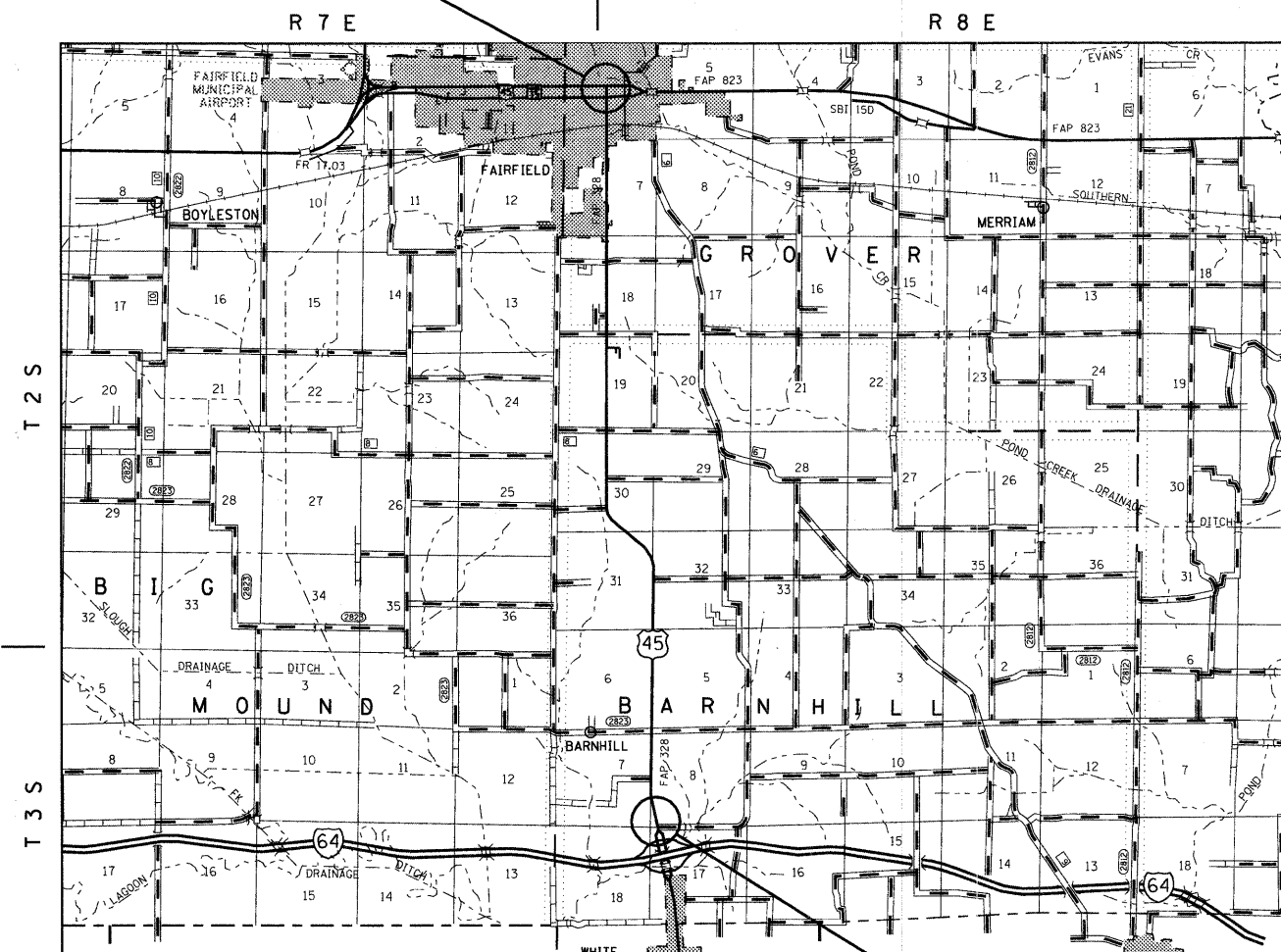
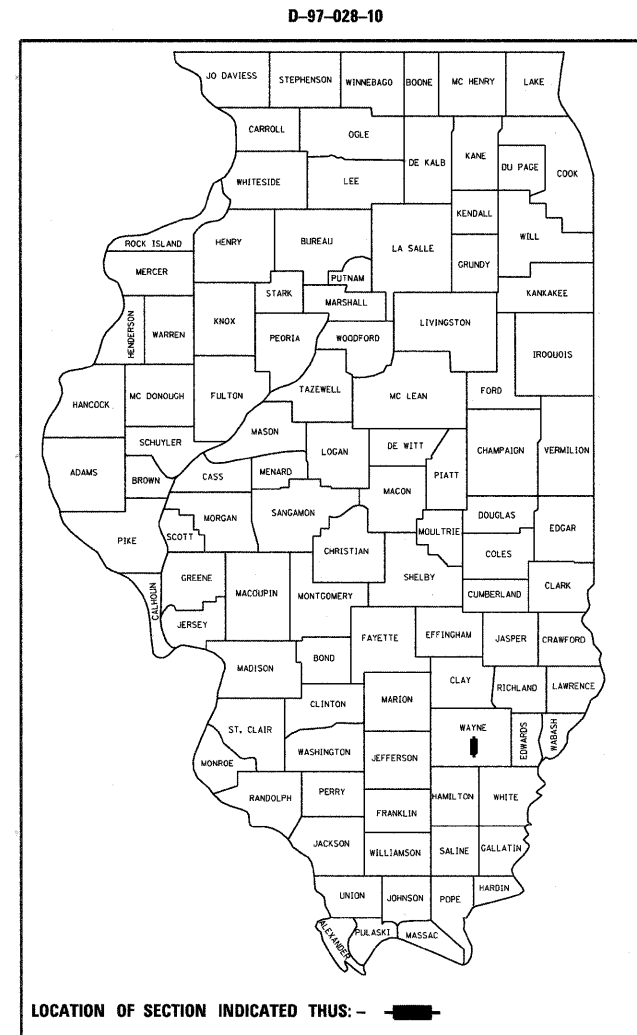
**PROPOSED
HIGHWAY PLANS**

F.A.P. ROUTE 328 (U.S. ROUTE 45)
SECTION 104 RS-4
PROJECT ACF-0328(029)
RESURFACING (3P)
WAYNE COUNTY

FOR INDEX OF SHEETS, SEE SHEET NO. 2

ADT = 3,500 (2010)

PROJECT BEGINS:
STATION 0+12.00 C-97-060-10



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: TOM RONAN
PROJECT MANAGER: JEFF DAVISON

CONTRACT NO. 74448

GROSS LENGTH = 40,838.6 FT. = 7.7 MILE
NET LENGTH = 40,838.6 FT. = 7.7 MILE

PROJECT ENDS:
STATION 65+60.00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED Dec 28 2010
Roger S. Driskell
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

February 4 2011
Scott E. Stitt P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

February 4 2011
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

INDEX OF SHEETS

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STANDARDS IN THE PLANS

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| 000001-06 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 001001-02 | AREAS OF REINFORCEMENT BARS |
| 001006 | DECIMAL EQUIVALENTS OF AN INCH AND FOOT |
| 406201-01 | MAILBOX TURNOUTS |
| 442201-03 | CLASS C AND D PATCHES |
| 630001-09 | STEEL PLATE BEAM GUARDRAIL |
| 630301-05 | SHOULDER WIDENING FOR TYPE I (SPECIAL) GUARDRAIL |
| 635006-03 | REFLECTOR AND TERMINAL MARKER PLACEMENT |
| 635011-02 | REFLECTOR MARKER AND MOUNTING DETAILS |
| 667101-01 | PERMANENT SURVEY MARKERS |
| 701001-02 | OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY |
| 701006-03 | OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE |
| 701011-02 | OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY |
| 701201-04 | LANE CLOSURE, 2L, 2W, DAY ONLY FOR SPEEDS > 45 MPH |
| 701301-04 | LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS |
| 701306-03 | LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS, DAY ONLY, FOR SPEEDS > 45 MPH |
| 701311-03 | LANE CLOSURE, 2L, 2W, MOVING OPERATIONS, DAY ONLY |
| 701336-06 | LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS > 45 MPH |
| 701501-06 | URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED |
| 701901-01 | TRAFFIC CONTROL DEVICES |
| 780001-02 | TYPICAL PAVEMENT MARKINGS |
| 781001-03 | TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS |
| BLR 21-8 | TYPICAL APPLICATIONS OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTIONS ON RURAL LOCAL HIGHWAYS |

| | | | | | | | | | | | |
|-------------|----------------------|------------|-----------|---|--|--------------------|-------------------------|--------|-----------------|--------------|---------------------------|
| FILE NAME = | USER NAME = #USER# | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | INDEX OF SHEETS AND STANDARDS | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| #FILE# | | DRAWN - | REVISED - | | | 328 | 104 RS-4 | WAYNE | 77 | 2 | |
| | PLOT SCALE = #SCALE# | CHECKED - | REVISED - | | | CONTRACT NO. 74448 | | | | | |
| | PLOT DATE = #DATE# | DATE - | REVISED - | | | SCALE: NA | SHEET NO. 1 OF 2 SHEETS | STA. | TO STA. | | ILLINOIS FED. AID PROJECT |

GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS; THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2007; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2011, AND THE SPECIAL PROVISIONS INCLUDED IN THIS PROPOSAL.

THE WORK INCLUDED IN THIS SECTION CONSISTS OF PAVEMENT PATCHING, MILLING, PLACEMENT OF HOT-MIX ASPHALT LEVEL BINDER AND SURFACE COURSE, AGGREGATE SHOULDERS, PAVEMENT MARKING, AND ANY OTHER WORK NECESSARY TO COMPLETE THIS SECTION.

PAVEMENT MARKING SHALL BE APPLIED IN ACCORDANCE WITH SECTION 780 OF THE STANDARD SPECIFICATIONS. SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED SURFACE, BITUMINOUS MATERIALS (PRIME COAT), HOT-MIX ASPHALT LEVEL BINDER, AND HOT-MIX ASPHALT SURFACE COURSE AS SPECIFIED IN SECTION 703 OF THE STANDARD SPECIFICATIONS. TEMPORARY TAPE SHALL BE USED ON THE SURFACE COURSE AND PAINT SHALL BE USED ON MILLED SURFACES.

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 781 OF THE STANDARD SPECIFICATIONS.

THE MATERIAL USED FOR AGGREGATE SHOULDERS, TYPE B SHALL BE CRUSHED STONE, CRUSHED CONCRETE, OR RAP. THE MATERIAL USED FOR AGGREGATE SURFACE COURSE, TYPE B SHALL BE CRUSHED STONE OR CRUSHED CONCRETE.

THE EXISTING PAVEMENT SHALL BE PATCHED IN ACCORDANCE WITH SECTION 442 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS. THE QUANTITY OF PATCHING SHOWN ON THE PLANS IS AN ESTIMATE ONLY, THE FINAL LOCATIONS AND QUANTITY SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE CONTRACTOR SHALL PROVIDE INTERNET ACCESSIBILITY TO THE HOT-MIX ASPHALT PLANT QUALITY CONTROL LAB SO THAT HOT-MIX ASPHALT PLANT REPORTS CAN BE E-MAILED TO THE DISTRICT HEADQUARTERS. THIS WORK SHALL BE INCLUDED IN THE COST OF ALL HOT-MIX ASPHALT ITEMS.

THE CONTRACTOR SHALL USE EITHER RC-70, SS-1HP, OR SS-1H FOR THE PAY ITEM BITUMINOUS MATERIALS (PRIME COAT).

THE RESIDENT ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE CURING TIME FOR THE VARIOUS HOT-MIX ASPHALT LIFTS.

THE PAY ITEM TEMPORARY RAMP HAS BEEN INCLUDED FOR THE CONSTRUCTION OF TEMPORARY RAMPS IN ACCORDANCE WITH ARTICLE 406.08 OF THE STANDARD SPECIFICATIONS. THE CONTRACT UNIT PRICE PER SQUARE YARD FOR TEMPORARY RAMP SHALL INCLUDE BOTH THE INSTALLATION AND THE REMOVAL OF THE RAMPS.

LANE DIFFERENTIALS OF GREATER THAN 2" WILL NOT BE ALLOWED ON LANES OPEN TO TRAFFIC.

GENERAL NOTES (Cont' d)

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

PAVEMENT PATCHING

APPLICATION: HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4.0%@NDESIGN = 70
 MIXTURE COMPOSITION: IL-19.0
 FRICTION AGGREGATE: N/A

HOT-MIX ASPHALT FOR PATCHING

APPLICATION: HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4.0%@NDESIGN = 70
 MIXTURE COMPOSITION: IL-19.0
 FRICTION AGGREGATE: N/A

HOT-MIX ASPHALT SHOULDERS, 2 1/2"

APPLICATION: HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4.0%@NDESIGN = 70
 MIXTURE COMPOSITION: IL-19.0
 FRICTION AGGREGATE: N/A

PROFILE MODIFICATION AT NEW HOPE RD.

APPLICATION: HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4.0%@NDESIGN = 70
 MIXTURE COMPOSITION: IL-19.0
 FRICTION AGGREGATE: N/A

SURFACE COURSE (1.5")

APPLICATION: HOT MIX ASPHALT SURFACE COURSE, MIX C, N70
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4.0%@NDESIGN = 70
 MIXTURE COMPOSITION: IL-9.5
 FRICTION AGGREGATE: MIXTURE C

PARTIAL DEPTH PATCHING (3")

APPLICATION: HOT MIX ASPHALT SURFACE COURSE, MIX C, N70
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4.0%@NDESIGN = 70
 MIXTURE COMPOSITION: IL-9.5
 FRICTION AGGREGATE: MIXTURE C

INCIDENTAL HMA

APPLICATION: HOT MIX ASPHALT SURFACE COURSE, MIX C, N70
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4.0%@NDESIGN = 70
 MIXTURE COMPOSITION: IL-9.5
 FRICTION AGGREGATE: MIXTURE C

LEVEL BINDER (3/4")

APPLICATION: LEVELING BINDER (MACHINE METHOD) N70
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4.0%@NDESIGN = 70
 MIXTURE COMPOSITION: IL-9.5
 FRICTION AGGREGATE: N/A

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

HOT MIX ASPHALT 112 LBS/SQ YD/IN
 BITUMINOUS MATERIALS PRIME COAT 0.10 GALLONS/SQ YD
 AGGREGATE PRIME COAT 2.00 LBS/SQ YD
 GRANULAR MATERIAL 2.05 TONS/CU YD

| | | | | | | | | | | | | | | | | |
|-------------|--------------------|------------|-----------|---|---------------------------|-------------|------|--------|----------------|---------|---------------------------|-----------------|--------------|-------|----|---|
| FILE NAME * | USER NAME * #USER* | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | GENERAL NOTES | | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | | | |
| #FILE# | | DRAWN - | REVISED - | | SCALE: NA | SHEET NO. 2 | OF 2 | SHEETS | STA. | TO STA. | ILLINOIS FED. AID PROJECT | 328 | 104 RS-4 | WAYNE | 77 | 3 |
| | | CHECKED - | REVISED - | | CONTRACT NO. 74448 | | | | | | | | | | | |
| | | DATE - | REVISED - | | | | | | | | | | | | | |

| SUMMARY OF QUANTITIES | | | TOTAL QUANTITIES | CONSTRUCTION TYPE CODE | |
|-----------------------|--|--------|------------------|-------------------------------|-------------------------------|
| CODE NO | ITEM | UNIT | | 80% FED. 20% STATE 0005 | 50%-50% STATE-CITY 0005 |
| 20100110 | TREE REMOVAL (6 TO 15 UNITS DIAMETER) | UNIT | 38 | 38 | |
| 20200100 | EARTH EXCAVATION | CU YD | 29 | 29 | |
| 20201200 | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL | CU YD | 5.6 | 5.6 | |
| 20400800 | FURNISHED EXCAVATION | CU YD | 319 | 319 | |
| 21400100 | GRADING AND SHAPING DITCHES | FOOT | 80 | 80 | |
| 28000250 | TEMPORARY EROSION CONTROL SEEDING | POUND | 10 | 10 | |
| 28100105 | STONE RIPRAP, CLASS A3 | SQ YD | 18 | 18 | |
| 28100107 | STONE RIPRAP, CLASS A4 | SQ YD | 235 | 235 | |
| 28200200 | FILTER FABRIC | SQ YD | 252 | 252 | |
| 35600712 | HOT-MIX ASPHALT BASE COURSE WIDENING, 9" | SQ YD | 56 | 56 | |
| 40200800 | AGGREGATE SURFACE COURSE, TYPE B | TON | 574 | 574 | |
| 40600100 | BITUMINOUS MATERIALS (PRIME COAT) | GALLON | 12724 | 12381 | 343 |
| 40600300 | AGGREGATE (PRIME COAT) | TON | 255 | 248 | 7 |
| 40600635 | LEVELING BINDER (MACHINE METHOD), N70 | TON | 5353 | 5209 | 144 |
| 40600895 | CONSTRUCTING TEST STRIP | EACH | 1 | 1 | |
| 40600982 | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT | SQ YD | 236 | 236 | |
| 40600990 | TEMPORARY RAMP | SQ YD | 270 | 270 | |
| 40603085 | HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N70 | TON | 209 | 209 | |
| 40603315 | HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 | TON | 10405 | 10117 | 288 |
| 40800050 | INCIDENTAL HOT-MIX ASPHALT SURFACING | TON | 294 | 263 | 31 |
| 44000100 | PAVEMENT REMOVAL | SQ YD | 65 | 65 | |

| SUMMARY OF QUANTITIES (Cont'd) | | | TOTAL QUANTITIES | CONSTRUCTION TYPE CODE | |
|--------------------------------|--|-------|------------------|-------------------------------|-------------------------------|
| CODE NO | ITEM | UNIT | | 80% FED. 20% STATE 0005 | 50%-50% STATE-CITY 0005 |
| 44000158 | HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" | SO YD | 28980 | 25555 | 3425 |
| 44000167 | HOT-MIX ASPHALT SURFACE REMOVAL, 4 1/2" | SO YD | 3637 | 3637 | |
| 44000300 | CURB REMOVAL | FOOT | 35 | 35 | |
| 44022029 | PARTIAL DEPTH REMOVAL 3" | SO YD | 308 | 308 | |
| 44200929 | CLASS B PATCHES, TYPE I, 8 INCH | SO YD | 21 | 21 | |
| 44200934 | CLASS B PATCHES, TYPE II, 8 INCH | SO YD | 232 | 232 | |
| 44200944 | CLASS B PATCHES, TYPE IV, 8 INCH | SO YD | 380 | 380 | |
| 44201798 | CLASS D PATCHES, TYPE I, 13 INCH | SO YD | 8 | 8 | |
| 44201803 | CLASS D PATCHES, TYPE II, 13 INCH | SO YD | 643 | 643 | |
| 44201807 | CLASS D PATCHES, TYPE III, 13 INCH | SO YD | 132 | 132 | |
| 44201809 | CLASS D PATCHES, TYPE IV, 13 INCH | SO YD | 120 | 120 | |
| 48101200 | AGGREGATE SHOULDERS, TYPE B | TON | 4104 | 4104 | |
| 48203100 | HOT-MIX ASPHALT SHOULDERS | TON | 182 | 182 | |
| 50800105 | REINFORCEMENT BARS | POUND | 60 | 60 | |
| 54001001 | BOX CULVERT END SECTIONS, CULVERT NO. 1 | EACH | 1 | 1 | |
| 54002050 | EXPANSION BOLTS 3/4 INCH X 9 INCH | EACH | 7 | 7 | |
| 54010404 | PRECAST CONCRETE BOX CULVERTS 4' X 4' | FOOT | 11.8 | 11.8 | |
| 54248510 | CONCRETE COLLAR | CU YD | 0.8 | 0.8 | |
| *63000001 | STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS | FOOT | 212.5 | 212.5 | |
| *63100167 | TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT | EACH | 2 | 2 | |
| *63300725 | STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS) | FOOT | 37.5 | 37.5 | |

*SPECIALTY ITEM

| | | | | | | | | | | | | |
|---|-------------------------------|------------|-----------|---|------------------------------|----------|-------|-------------------------|---------|--------|-----------------|--------------|
| FILE NAME = | USER NAME = swartzw | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | SUMMARY OF QUANTITIES | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| ct:\pw\work\pwidot\swartzw\d0177935\d77 | 448-shr-sq.dgn | DRAWN - | REVISED - | | 328 | 104 RS-4 | WAYNE | 77 | 4 | | | |
| | PLOT SCALE = 100.0000 ' / IN. | CHECKED - | REVISED - | | SCALE: NA | | | SHEET NO. 1 OF 2 SHEETS | | STA. | TO STA. | |
| | PLOT DATE = 12/27/2010 | DATE - | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | |

CONTRACT NO. 74448

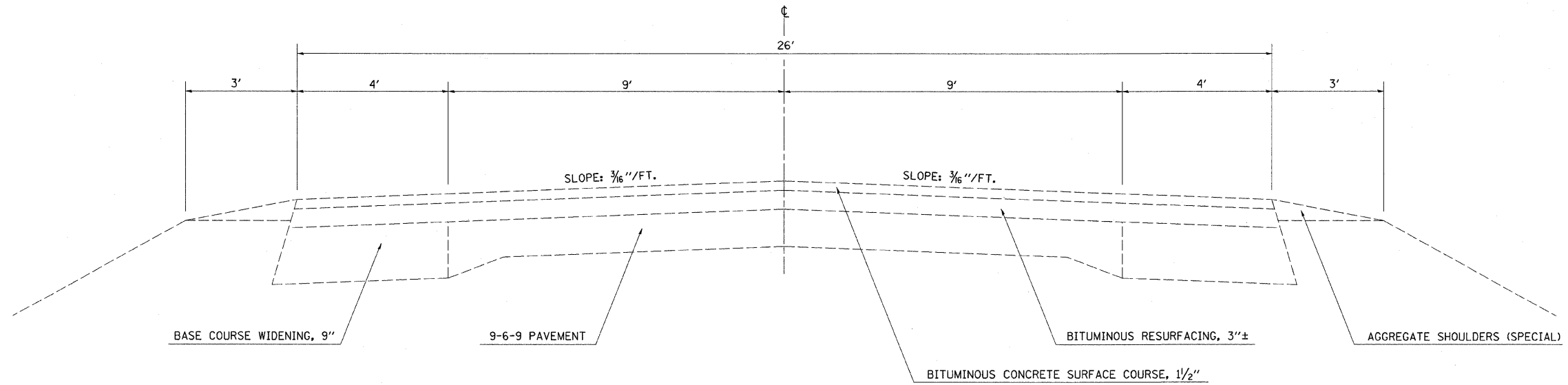
| SUMMARY OF QUANTITIES (Cont'd) | | | TOTAL QUANTITIES | CONSTRUCTION TYPE CODE | |
|--------------------------------|---|--------|------------------|-------------------------------|-------------------------------|
| CODE NO | ITEM | UNIT | | 80% FED. 20% STATE 0005 | 50%-50% STATE-CITY 0005 |
| 66700205 | PERMANENT SURVEY MARKERS, TYPE I | EACH | 7 | 7 | |
| 67000500 | ENGINEER'S FIELD OFFICE, TYPE B | CAL MO | 5 | 5 | |
| 67100100 | MOBILIZATION | L SUM | 1 | 1 | |
| 70100450 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701201 | L SUM | 1 | 1 | |
| 70100460 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701306 | L SUM | 1 | 1 | |
| 70100600 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701336 | L SUM | 1 | 1 | |
| 70101830 | TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21 | L SUM | 1 | 1 | |
| 70102620 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701501 | L SUM | 1 | 1 | |
| 70300100 | SHORT TERM PAVEMENT MARKING | FOOT | 15960 | 15960 | |
| 70300210 | TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS | SQ FT | 247 | 247 | |
| 70300220 | TEMPORARY PAVEMENT MARKING - LINE 4" | FOOT | 113350 | 113350 | |
| 70300240 | TEMPORARY PAVEMENT MARKING - LINE 6" | FOOT | 869 | 869 | |
| 70300250 | TEMPORARY PAVEMENT MARKING - LINE 8" | FOOT | 111 | 111 | |
| 70300260 | TEMPORARY PAVEMENT MARKING - LINE 12" | FOOT | 69 | 69 | |
| 70300280 | TEMPORARY PAVEMENT MARKING - LINE 24" | FOOT | 152 | 152 | |
| 70301000 | WORK ZONE PAVEMENT MARKING REMOVAL | SQ FT | 39012 | 39012 | |
| *78000100 | THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS | SQ FT | 247 | 247 | |
| *78000200 | THERMOPLASTIC PAVEMENT MARKING - LINE 4" | FOOT | 7160 | 7160 | |

| SUMMARY OF QUANTITIES (Cont'd) | | | TOTAL QUANTITIES | CONSTRUCTION TYPE CODE | |
|--------------------------------|--|-------|------------------|-------------------------------|-------------------------------|
| CODE NO | ITEM | UNIT | | 80% FED. 20% STATE 0005 | 50%-50% STATE-CITY 0005 |
| *78000400 | THERMOPLASTIC PAVEMENT MARKING - LINE 6" | FOOT | 869 | 869 | |
| *78000500 | THERMOPLASTIC PAVEMENT MARKING - LINE 8" | FOOT | 111 | 111 | |
| *78000600 | THERMOPLASTIC PAVEMENT MARKING - LINE 12" | FOOT | 69 | 69 | |
| *78000650 | THERMOPLASTIC PAVEMENT MARKING - LINE 24" | FOOT | 152 | 152 | |
| *78001110 | PAINT PAVEMENT MARKING - LINE 4" | FOOT | 111793 | 111793 | |
| *78100100 | RAISED REFLECTIVE PAVEMENT MARKER | EACH | 533 | 533 | |
| *78200410 | GUARDRAIL MARKERS, TYPE A | EACH | 4 | 4 | |
| *78201000 | TERMINAL MARKER - DIRECT APPLIED | EACH | 2 | 2 | |
| X0556100 | PARTIAL DEPTH PATCHING (SPECIAL) | SQ YD | 940 | 940 | |
| *X2501000 | SEEDING, CLASS 2 (SPECIAL) | ACRE | 0.1 | 0.1 | |
| X4060995 | TEMPORARY RAMP, SPECIAL | SQ YD | 212 | 212 | |
| X4401198 | HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH | SQ YD | 81616 | 81616 | |
| X4402020 | CONCRETE MEDIAN SURFACE REMOVAL | SQ FT | 47 | 47 | |
| X4421000 | PARTIAL DEPTH PATCHING | TON | 52 | 52 | |
| X5121800 | PERMANENT STEEL SHEET PILING | SQ FT | 1683 | 1683 | |
| Z0004810 | HOT-MIX ASPHALT FOR PATCHING | TON | 368 | 368 | |
| Z0048665 | RAILROAD PROTECTIVE LIABILITY INSURANCE | L SUM | 1 | 1 | |
| Z0054505 | ROCK FILL - REPLACEMENT | TON | 11.5 | 11.5 | |
| Z0070100 | SURVEY MONUMENT COVER ASSEMBLY | EACH | 1 | 1 | |
| 0042 | TRAINEEES | hour | 500 | 500 | |

0042
*SPECIALTY ITEM

EXISTING TYPICAL CROSS SECTION

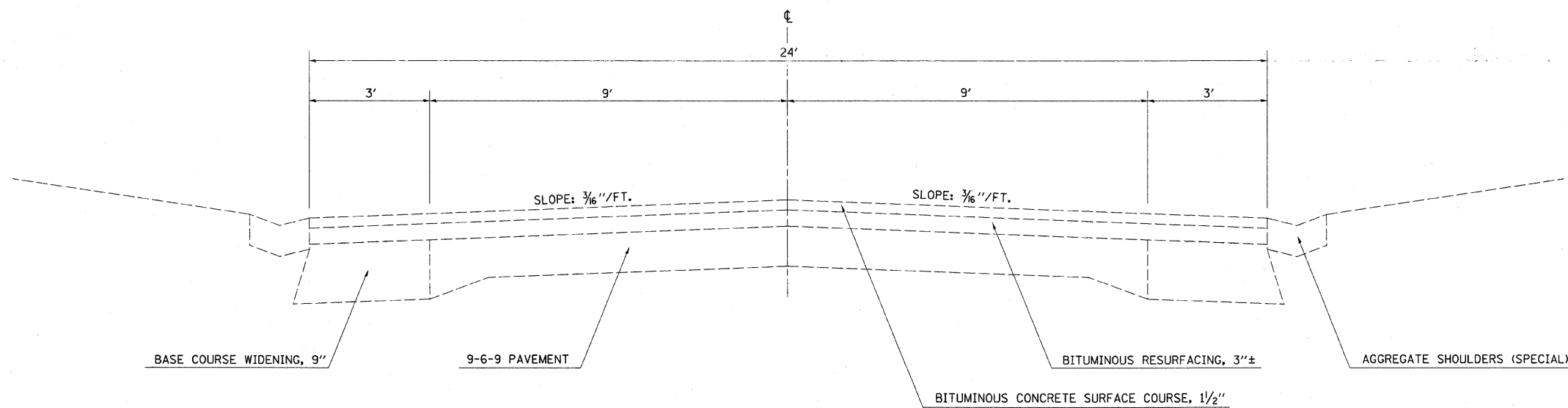
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 STA. 94+60.00 TO STA. 109+69.00
 STA. 116+63.00 TO STA. 223+80.00
 STA. 290+97.00 TO STA. 301+00.00
 STA. 314+03.00 TO STA. 358+94.00
 STA. 369+55.00 TO STA. 375+40.00



NOTE: NOT DRAWN TO A SPECIFIC SCALE

EXISTING TYPICAL CROSS SECTION

STA. 75+36.00 TO STA. 94+60.00
 STA. 109+69.00 TO STA. 116+53.00
 STA. 283+52.00 TO STA. 290+97.00
 STA. 301+00.00 TO STA. 314+03.00
 STA. 358+94.00 TO STA. 369+55.00

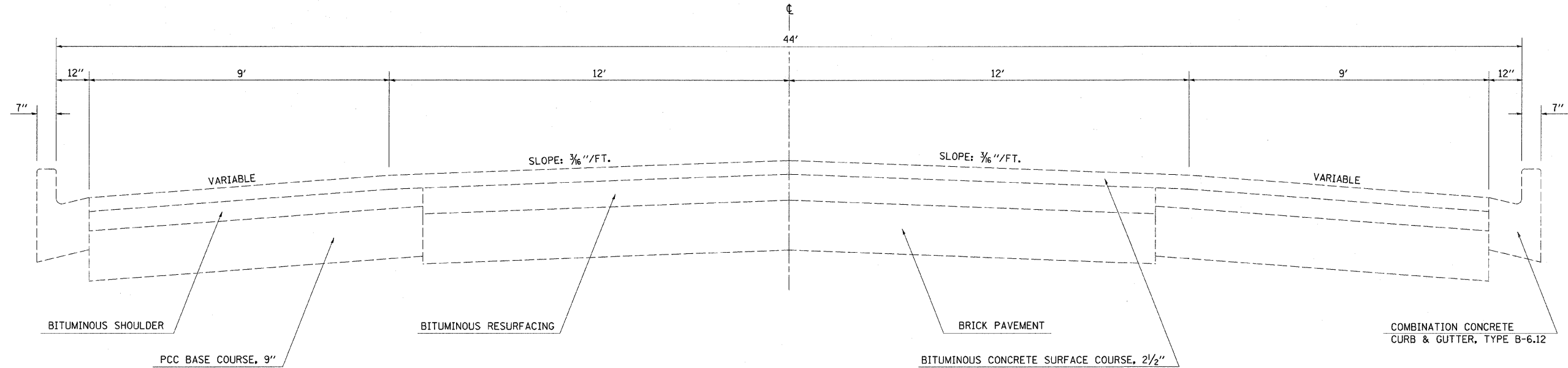


NOTE: NOT DRAWN TO A SPECIFIC SCALE

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| FILE NAME = | USER NAME = swartzw | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | EXISTING TYPICAL CROSS SECTION | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
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| | PLOT DATE = 12/27/2010 | CHECKED - | REVISED - | | | | | | | | | | |
| | | DATE - | REVISED - | | | | | | | | | | |
| | | | | | | | | | | | | ILLINOIS FED. AID PROJECT | |

EXISTING TYPICAL CROSS SECTION

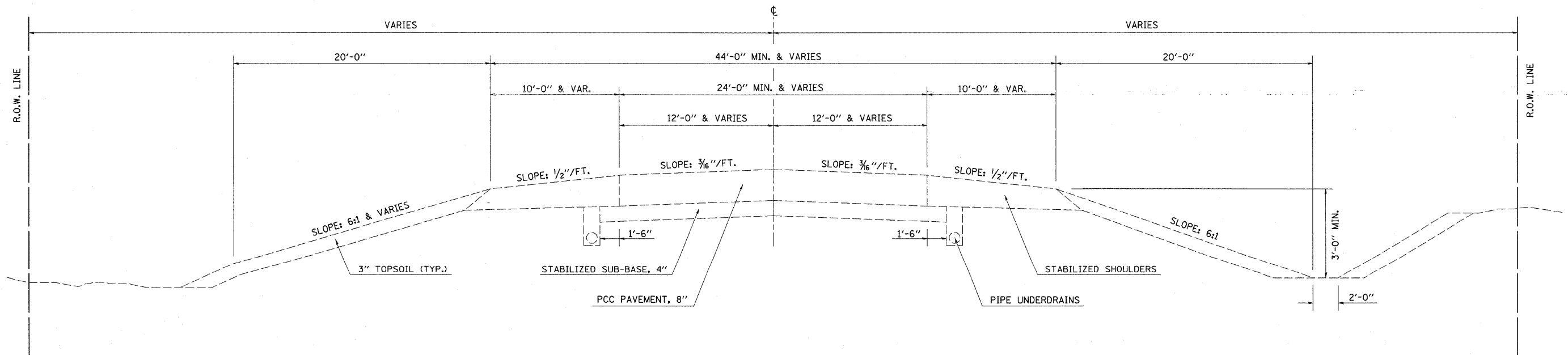
STA. 1+00 TO STA. 19+63
STA. 20+06 TO STA. 22+55



NOTE: NOT DRAWN TO A SPECIFIC SCALE

EXISTING TYPICAL CROSS SECTION

STA. 65+60.00 TO STA. 100+00.00

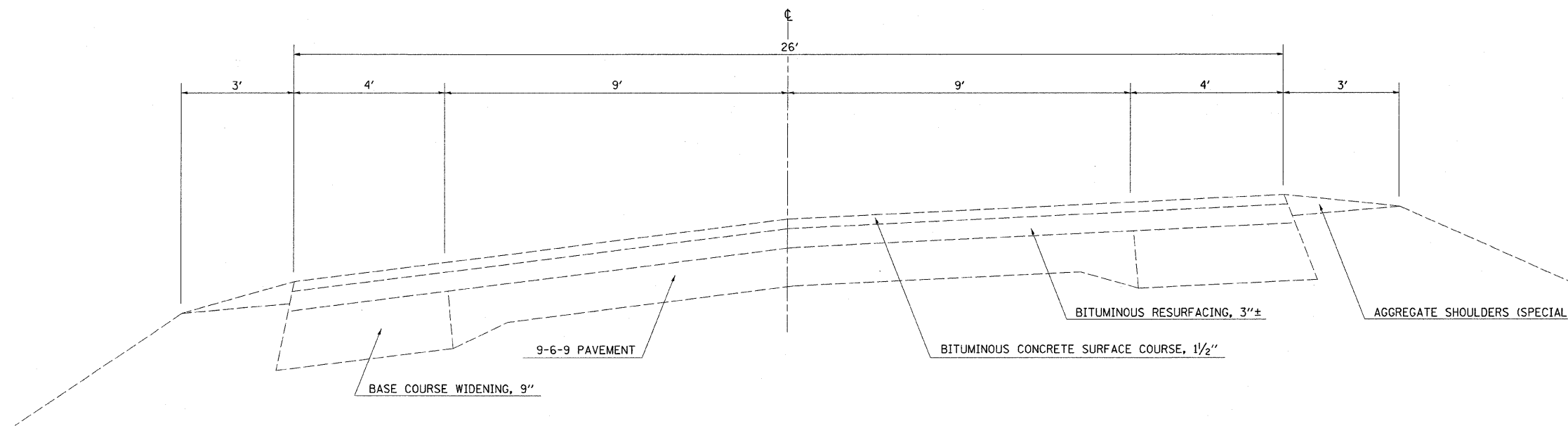


NOTE: NOT DRAWN TO A SPECIFIC SCALE

| | | | | | | | | | | | | | |
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| FILE NAME = | USER NAME = swartzrw | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | EXISTING TYPICAL CROSS SECTION | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| c:\p\work\p\dot\swartzrw\dl177935\477 | 448-shr-typicals.dgn | DRAWN - | REVISED - | | SCALE: NA | SHEET NO. 2 OF 6 SHEETS | STA. | TO STA. | 328 | 104 RS-4 | WAYNE | 77 | 7 |
| | PLOT SCALE = 20.0000' / IN. | CHECKED - | REVISED - | | | | | | | | | | |
| | PLOT DATE = 12/27/2010 | DATE - | REVISED - | | | | | | | | | | |
| | | | | | | | | | | | | CONTRACT NO. 7444B | |
| | | | | | | | | | | | | ILLINOIS FED. AID PROJECT | |

EXISTING TYPICAL CROSS SECTION

STA. 223+17.00 TO STA. 236+33.27
 STATION EQUATION:
 STA. 233+80.53 (BK) = STA. 234+37+80 (AH)

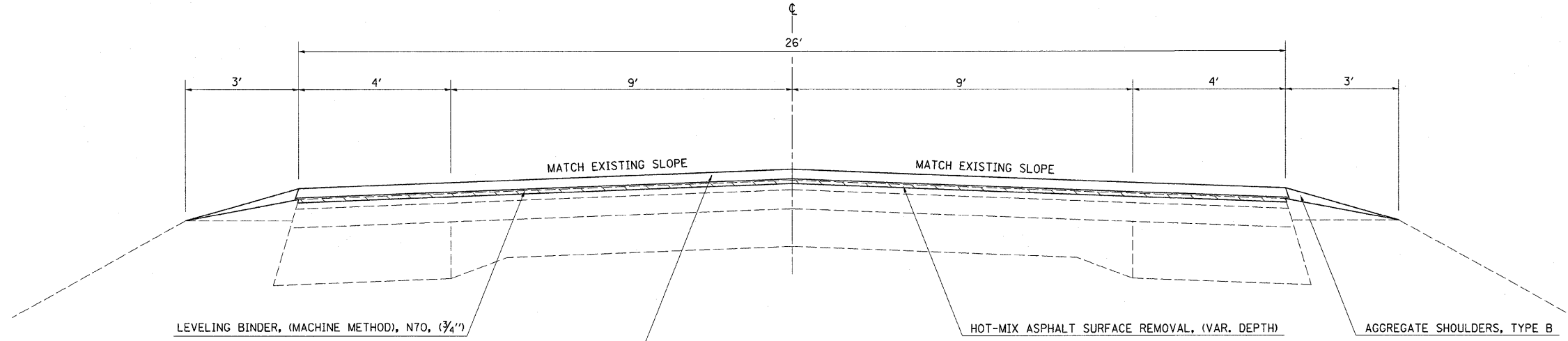


NOTE: NOT DRAWN TO A SPECIFIC SCALE

| | | | | | | | | | | | | |
|---|---------------------|------------|-----------|---|---------------------------------------|----------|---------|----------------|---------|--------|-----------------|--------------|
| FILE NAME = | USER NAME = swartzw | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | EXISTING TYPICAL CROSS SECTION | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| cr\pwork\pwork\swartzw\d0177935\d77448-sh-typical.dgn | | DRAWN - | REVISED - | | 328 | 104 RS-4 | WAYNE | 77 | 8 | | | |
| PLOT SCALE = 20.0000' / IN. | | CHECKED - | REVISED - | | CONTRACT NO. 74448 | | | | | | | |
| PLOT DATE = 12/27/2010 | | DATE - | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | |
| | | | | SCALE: NA | SHEET NO. 3 OF 6 SHEETS | STA. | TO STA. | | | | | |

PROPOSED TYPICAL CROSS SECTION

STA. 22+40.19 TO STA. 75+36.00
 STA. 94+60.00 TO STA. 109+69.00
 STA. 116+63.00 TO STA. 223+17.00
 STA. 236+33.27 TO STA. 283+52.00
 STA. 290+97.00 TO STA. 301+00.00
 STA. 314+03.00 TO STA. 358+94.00
 STA. 369+55.00 TO STA. 375+40.00



LEVELING BINDER, (MACHINE METHOD), N70, (3/4")

HOT-MIX ASPHALT SURFACE COURSE,
 MIX "C", N70, (1 1/2")

HOT-MIX ASPHALT SURFACE REMOVAL, (VAR. DEPTH)

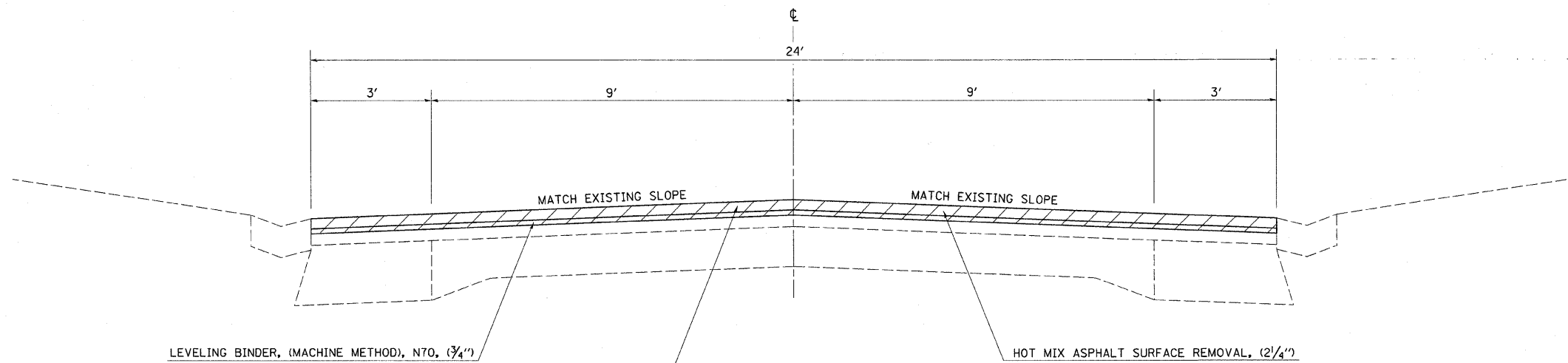
AGGREGATE SHOULDERS, TYPE B

HOT MIX ASPHALT SURFACE REMOVAL, (VARIABLE DEPTH)

NOTE: NOT DRAWN TO A SPECIFIC SCALE

PROPOSED TYPICAL CROSS SECTION

STA. 75+36.00 TO STA. 94+60.00
 STA. 109+69.00 TO STA. 116+53.00
 STA. 283+52.00 TO STA. 290+97.00
 STA. 301+00.00 TO STA. 314+03.00
 STA. 358+94.00 TO STA. 369+55.00



LEVELING BINDER, (MACHINE METHOD), N70, (3/4")

HOT-MIX ASPHALT SURFACE COURSE,
 MIX "C", N70, (1 1/2")

HOT MIX ASPHALT SURFACE REMOVAL, (2 1/4")

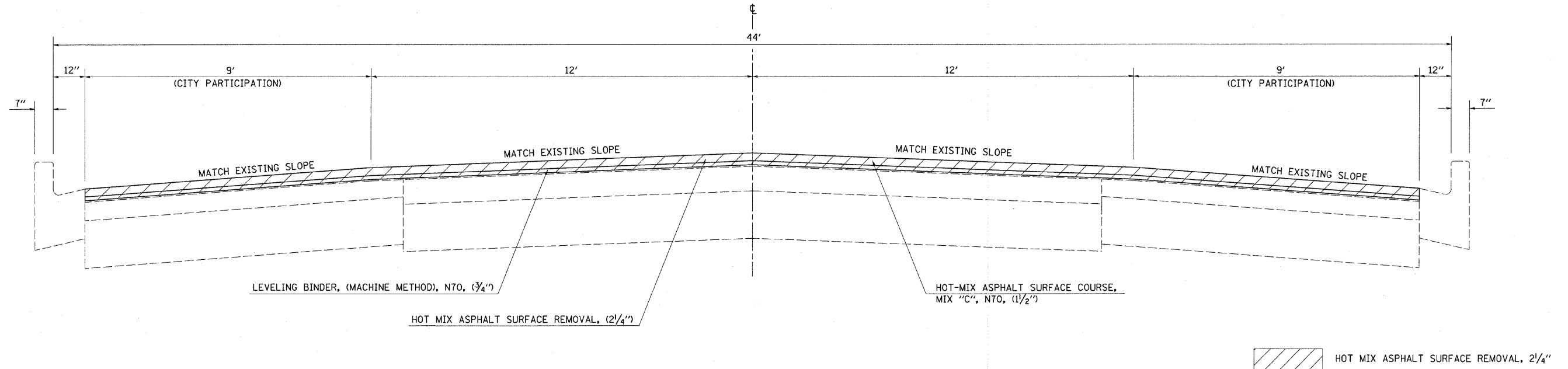
HOT MIX ASPHALT SURFACE REMOVAL, 2 1/4"

NOTE: NOT DRAWN TO A SPECIFIC SCALE

| | | | | | | | | | | | |
|--|----------------------------|------------|-----------|---|---------------------------------------|-------------------------|--------------|---------------------------|--------|--------------|-----------|
| FILE NAME = | USER NAME = swartzw | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PROPOSED TYPICAL CROSS SECTION | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| cr:\pw\work\pwidot\swartzw\d0177935\d77448-shr-typical.dgn | PLOT SCALE = 20,000' / IN. | DRAWN - | REVISED - | | | | 328 | 104 RS-4 | WAYNE | 77 | 9 |
| PLOT DATE = 12/27/2010 | DATE - | CHECKED - | REVISED - | | CONTRACT NO. 74448 | | | ILLINOIS FED. AID PROJECT | | | |
| | | | | | SCALE: NA | SHEET NO. 4 OF 6 SHEETS | STA. TO STA. | | | | |

PROPOSED TYPICAL CROSS SECTION

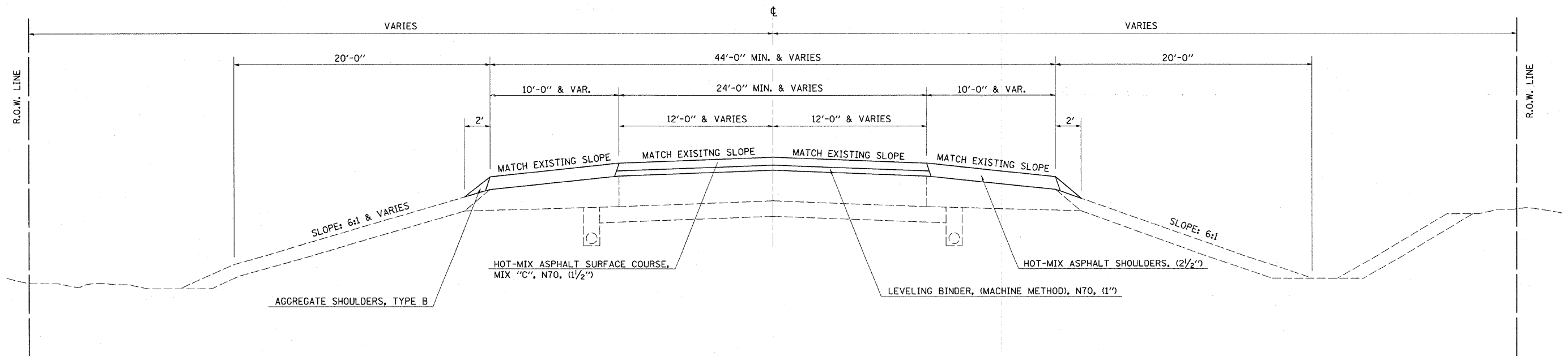
STA. 1+00 TO STA. 19+63
STA. 20+06 TO STA. 22+55



NOTE: NOT DRAWN TO A SPECIFIC SCALE

PROPOSED TYPICAL CROSS SECTION

STA. 65+60.00 TO STA. 100+00.00

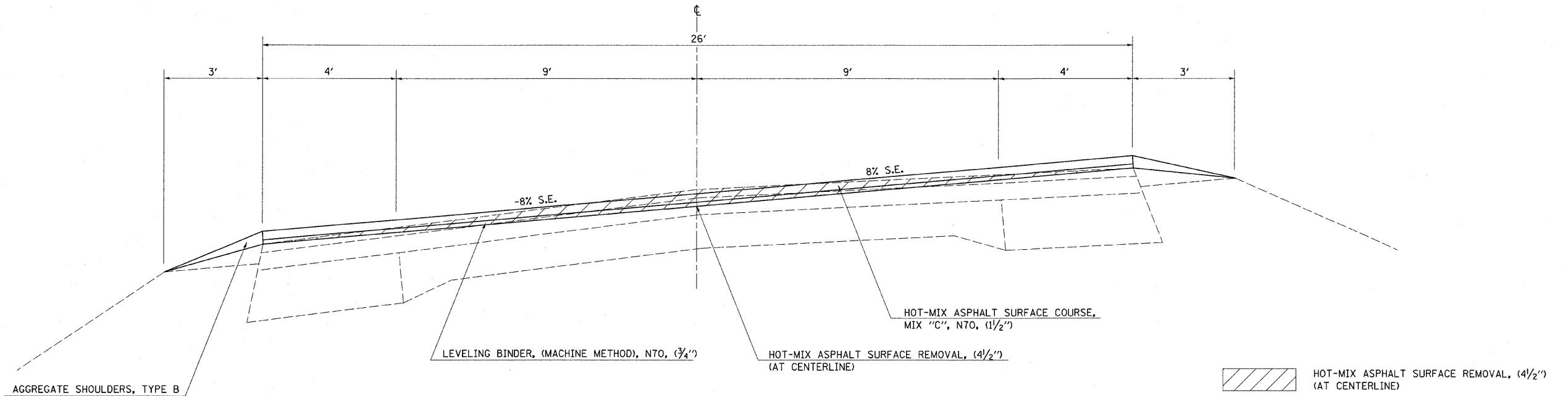


NOTE: NOT DRAWN TO A SPECIFIC SCALE

| | | | | | | | | | | | | |
|-------------------------------------|---------------------|------------|-----------|---|---------------------------------------|----------|---------------------------|-------------------------|---------|--------------------|--------------|-----------|
| FILE NAME = | USER NAME = swartzw | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PROPOSED TYPICAL CROSS SECTION | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| c:\pwwork\pwwork\swartzw\177935\d77 | 448-ah-typical.dgn | DRAWN - | REVISED - | | 328 | 104 RS-4 | WAYNE | 77 | 10 | | | |
| PLOT SCALE = 20,0000 ' / IN. | | CHECKED - | REVISED - | | SCALE: NA | | | SHEET NO. 5 OF 6 SHEETS | | CONTRACT NO. 74448 | | |
| PLOT DATE = 12/27/2010 | | DATE - | REVISED - | | STA. TO STA. | | ILLINOIS FED. AID PROJECT | | | | | |

PROPOSED TYPICAL CROSS SECTION

STA. 223+17.00 TO STA. 236+33.27
 STATION EQUATION:
 STA. 233+80.53 (BK) = STA. 234+37+80 (AH)



NOTE: NOT DRAWN TO A SPECIFIC SCALE

| | | | | | | | | | | | | |
|---|-----------------------------|------------|-----------|---|---------------------------------------|----------|---------|----------------|---------|--------|-----------------|--------------|
| FILE NAME = | USER NAME = swartzw | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PROPOSED TYPICAL CROSS SECTION | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| c:\piv_work\pivdot\swartzw\db177935\477 | 448-shr-typicals.dgn | DRAWN - | REVISED - | | 328 | 104 RS-4 | WAYNE | 77 | 11 | | | |
| | PLOT SCALE = 20.0000' / IN. | CHECKED - | REVISED - | | CONTRACT NO. 74448 | | | | | | | |
| | PLOT DATE = 12/27/2010 | DATE - | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | |
| | | | | SCALE: NA | SHEET NO. 6 OF 6 SHEETS | STA. | TO STA. | | | | | |

| PAVING SCHEDULE | | | LENGTH | PAVEMENT WIDTH | SHOULDER WIDTH | AREA | AGGREGATE SHOULDERS, TYPE B | BITUMINOUS MATERIALS (PRIME COAT) | AGGREGATE (PRIME COAT) | HOT-MIX ASPHALT SURFACE REMOVAL (BUTT-JOINT) | HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" | HOT-MIX ASPHALT SURFACE REMOVAL, 4 1/2" | HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH) | LEVELING BINDER (MACHINE METHOD), NTO | HOT MIX ASPHALT SURFACE COURSE, MIX "C", NTO | HOT MIX ASPHALT BINDER COURSE, IL-19.0, NTO | INCIDENTAL HOT-MIX ASPHALT SURFACING | HOT-MIX ASPHALT SHOULDERS |
|-----------------|----|-----------|----------|----------------|----------------|----------|-----------------------------|-----------------------------------|------------------------|--|---|---|--|---------------------------------------|--|---|--------------------------------------|---------------------------|
| STATION | TO | STATION | FEET | FEET | FEET | SQ YD | TON | GALLON | TON | SQ. YD. | SQ. YD. | SQ. YD. | SQ. YD. | TON | TON | TON | TON | TON |
| 0+12.00 | TO | 2+86.56 | 274.6 | 42.0 | 0.0 | 1,281.3 | 0.0 | 128.1 | 2.6 | 0.0 | 1310.7 | 0.0 | 0.0 | 53.8 | 110.1 | 0.0 | 0.0 | 0.0 |
| 2+86.56 | TO | 3+18.50 | 31.9 | Variable | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 3+18.50 | TO | 4+00.41 | 81.9 | Variable | 0.0 | 618.4 | 0.0 | 61.8 | 1.2 | 0.0 | 618.4 | 0.0 | 0.0 | 26.0 | 51.9 | 0.0 | 0.0 | 0.0 |
| 4+00.41 | TO | 21+55.05 | 1,754.6 | 42.0 | 0.0 | 8,188.3 | 0.0 | 1,161.8 | 23.4 | 0.0 | 11631.9 | 0.0 | 0.0 | 486.9 | 976.3 | 0.0 | 30.7 | 0.0 |
| 21+55.05 | TO | 21+92.30 | 37.3 | 42.0 | 0.0 | 173.8 | 0.0 | 17.4 | 0.3 | 0.0 | 173.8 | 0.0 | 0.0 | 7.3 | 14.6 | 0.0 | 0.0 | 0.0 |
| 21+92.30 | TO | 22+40.19 | 47.9 | 26.0 | 0.0 | 138.3 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 11.6 | 0.0 | 0.0 | 0.0 |
| 22+40.19 | TO | 75+36.00 | 5,295.8 | 26.0 | 15.0 | 15,299.0 | 1150.3 | 1,529.9 | 30.6 | 0.0 | 0.0 | 0.0 | 15464.0 | 642.6 | 1,299.0 | 0.0 | 51.6 | 0.0 |
| 75+36.00 | TO | 94+60.00 | 1,924.0 | 24.0 | 20.0 | 5,130.7 | 638.2 | 513.1 | 10.3 | 0.0 | 5130.7 | 0.0 | 0.0 | 215.5 | 431.0 | 0.0 | 13.9 | 0.0 |
| 94+60.00 | TO | 109+69.00 | 1,509.0 | 26.0 | 6.0 | 4,359.3 | 330.6 | 435.9 | 8.7 | 0.0 | 0.0 | 0.0 | 4359.3 | 183.1 | 366.2 | 0.0 | 0.0 | 0.0 |
| 109+69.00 | TO | 116+53.00 | 684.0 | 24.0 | 6.0 | 1,824.0 | 126.3 | 182.4 | 3.6 | 0.0 | 1824.0 | 0.0 | 0.0 | 76.6 | 153.2 | 0.0 | 0.0 | 0.0 |
| 116+53.00 | TO | 222+47.00 | 10,584.0 | 26.0 | 6.0 | 30,576.0 | 772.3 | 3,057.6 | 61.2 | 0.0 | 0.0 | 0.0 | 30576.0 | 1284.2 | 2,568.4 | 0.0 | 117.0 | 0.0 |
| 222+47.00 | TO | 223+17.00 | 70.0 | 26.0 | 6.0 | 202.2 | 5.4 | 20.2 | 0.4 | 0.0 | 0.0 | 0.0 | 202.2 | 8.5 | 17.0 | 0.0 | 7.4 | 0.0 |
| 223+17.00 | TO | 233+80.53 | 1,063.5 | 26.0 | 6.0 | 3,072.4 | 68.6 | 307.2 | 6.1 | 0.0 | 0.0 | 3072.4 | 0.0 | 172.1 | 258.1 | 0.0 | 0.0 | 0.0 |
| 233+80.53 | = | 234+37.80 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 234+37.80 | TO | 236+33.27 | 195.5 | 26.0 | 6.0 | 564.7 | 15.1 | 56.5 | 1.1 | 0.0 | 0.0 | 564.7 | 0.0 | 31.6 | 47.4 | 0.0 | 0.0 | 0.0 |
| 236+33.27 | TO | 237+03.27 | 70.0 | 26.0 | 6.0 | 202.2 | 5.4 | 20.2 | 0.4 | 0.0 | 0.0 | 0.0 | 202.2 | 8.5 | 17.0 | 0.0 | 0.0 | 0.0 |
| 237+03.27 | TO | 237+80.00 | 76.7 | 26.0 | 0.0 | 221.7 | 3.9 | 22.2 | 0.4 | 0.0 | 0.0 | 0.0 | 221.7 | 9.3 | 18.6 | 0.0 | 0.0 | 0.0 |
| 237+80.00 | TO | 268+52.31 | 3,072.3 | 26.0 | 6.0 | 8,875.6 | 228.5 | 887.6 | 17.8 | 0.0 | 0.0 | 0.0 | 8875.6 | 372.8 | 745.5 | 0.0 | 18.0 | 0.0 |
| 268+52.31 | = | 269+14.40 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 269+14.40 | TO | 283+52.00 | 1,437.6 | 26.0 | 6.0 | 4,153.1 | 103.4 | 415.3 | 8.3 | 0.0 | 0.0 | 0.0 | 4153.1 | 174.4 | 348.9 | 0.0 | 8.1 | 0.0 |
| 283+52.00 | TO | 290+97.00 | 745.0 | 24.0 | 0.0 | 1,986.7 | 0.0 | 198.7 | 4.0 | 0.0 | 1986.7 | 0.0 | 0.0 | 83.4 | 166.9 | 0.0 | 0.0 | 0.0 |
| 290+97.00 | TO | 301+00.00 | 1,003.0 | 26.0 | 6.0 | 2,897.6 | 69.5 | 289.8 | 5.8 | 0.0 | 0.0 | 0.0 | 2897.6 | 121.7 | 243.4 | 0.0 | 0.0 | 0.0 |
| 301+00.00 | TO | 314+03.00 | 1,303.0 | 24.0 | 0.0 | 3,474.7 | 0.0 | 347.5 | 6.9 | 0.0 | 3474.7 | 0.0 | 0.0 | 145.9 | 291.9 | 0.0 | 0.0 | 0.0 |
| 314+03.00 | TO | 358+94.00 | 4,491.0 | 26.0 | 6.0 | 12,974.0 | 312.8 | 1,297.4 | 25.9 | 0.0 | 0.0 | 0.0 | 12974.0 | 544.9 | 1,089.8 | 0.0 | 33.7 | 0.0 |
| 358+94.00 | TO | 369+55.00 | 1,061.0 | 24.0 | 0.0 | 2,829.3 | 0.0 | 282.9 | 5.7 | 0.0 | 2829.3 | 0.0 | 0.0 | 118.8 | 237.7 | 0.0 | 0.0 | 0.0 |
| 369+55.00 | TO | 375+40.00 | 585.0 | 26.0 | 6.0 | 1,690.0 | 40.3 | 169.0 | 3.4 | 0.0 | 0.0 | 0.0 | 1690.0 | 71.0 | 142.0 | 0.0 | 3.5 | 0.0 |
| 375+40.00 | = | 100+00.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 99+00.00 | TO | 100+00.00 | 100.0 | 24.0 | 4.0 | 266.7 | 20.7 | 26.7 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 14.9 | 22.4 | 0.0 | 0.0 | 0.0 |
| 65+60.00 | TO | 99+00.00 | 3,340.0 | 24.0 | 4.0 | 8,906.7 | 207.4 | 1,261.8 | 25.2 | 171.0 | 0.0 | 0.0 | 0.0 | 498.8 | 748.2 | 0.0 | 10.2 | 182.0 |
| NEW HOPE RD. | | | | | | | | | | | | | | | | | | |
| 53+89.00 | TO | 54+87.30 | 98.3 | Variable | 4.0 | 330.5 | 5.0 | 33.1 | 0.7 | 64.9 | 0.0 | 0.0 | 0.0 | 0.0 | 27.8 | 209.4 | 0.0 | 0.0 |
| SHEET TOTALS | | | 37,399 | | | 120,237 | 4,104 | 12,724 | 255 | 236 | 28,980 | 3,637 | 81,616 | 5,353 | 10,405 | 209 | 294 | 182 |

FILE NAME = c:\pwwork\pwwork\swartzw\10177935\d77448-sht-sch.dgn
 USER NAME = swartzw
 DESIGNED -
 DRAWN -
 CHECKED -
 PLOT SCALE = 50.0000' / IN.
 PLOT DATE = 12/27/2010

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: NA SHEET NO. 1 OF 6 SHEETS STA. TO STA.

| | | | | |
|--------------------|------------------|--------------|---------------------------|--------------|
| F.A.P. RTE. 328 | SECTION 104 RS-4 | COUNTY WAYNE | TOTAL SHEETS 77 | SHEET NO. 12 |
| CONTRACT NO. 74448 | | | ILLINOIS FED. AID PROJECT | |

| PAVEMENT MARKING SCHEDULE | | | | LENGTH | SHORT-TERM PAVEMENT MARKING | TEMPORARY PAVEMENT MARKING- LETTER AND SYMBOLS | TEMPORARY PAVEMENT MARKING-LINE 4" | TEMPORARY PAVEMENT MARKING-LINE 4" | TEMPORARY PAVEMENT MARKING-LINE 4" (WHITE) | TEMPORARY PAVEMENT MARKING-LINE 6" | TEMPORARY PAVEMENT MARKING-LINE 8" | TEMPORARY PAVEMENT MARKING-LINE 12" | TEMPORARY PAVEMENT MARKING-LINE 24" | WORK ZONE PAVEMENT MARKING REMOVAL | PAINT PAVEMENT MARKING-LINE 4" (YELLOW) | PAINT PAVEMENT MARKING-LINE 4" (YELLOW SKIP-DASH) | PAINT PAVEMENT MARKING-LINE 4" (WHITE) | THERMOPLASTIC PAVEMENT MARKING-LETTERS & SYMBOLS | THERMOPLASTIC PAVEMENT MARKING-LINE 4" | THERMOPLASTIC PAVEMENT MARKING-LINE 4" | THERMOPLASTIC PAVEMENT MARKING-LINE 4" | THERMOPLASTIC PAVEMENT MARKING-LINE 6" | THERMOPLASTIC PAVEMENT MARKING-LINE 8" | THERMOPLASTIC PAVEMENT MARKING-LINE 12" | THERMOPLASTIC PAVEMENT MARKING-LINE 24" | RAISED REFLECTIVE PAVEMENT MARKER, MONO-DIRECTIONAL (CRYSTAL) | RAISED REFLECTIVE PAVEMENT MARKER, MONO-DIRECTIONAL (AMBER) | RAISED REFLECTIVE PAVEMENT MARKER, BI-DIRECTIONAL (AMBER) | |
|---------------------------|----|-----------|----------|---------|-----------------------------|--|------------------------------------|------------------------------------|---|------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|------------------------------------|--|--|---|--|--|--|--|--|--|---|---|--|--|--|------|
| STATION | TO | STATION | FOOT | FOOT | SQ FT | FOOT | FOOT | FOOT | FOOT | FOOT | FOOT | FOOT | FOOT | SQ FT | FOOT | FOOT | FOOT | SQ FT | FOOT | FOOT | FOOT | FOOT | FOOT | FOOT | FOOT | FOOT | EACH | EACH | EACH |
| 0+12.00 | TO | 2+86.56 | 274.6 | 109.8 | 93.6 | 462.0 | 0.0 | 0.0 | 562.5 | 0.0 | 0.0 | 41.6 | 613.0 | 0.0 | 0.0 | 0.0 | 0.0 | 93.6 | 462.0 | 0.0 | 0.0 | 562.5 | 0.0 | 0.0 | 41.6 | 10 | 0 | 12 | |
| 2+86.56 | TO | 3+18.50 | 31.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 |
| 3+18.50 | TO | 4+00.41 | 81.9 | 32.8 | 15.6 | 107.1 | 0.0 | 0.0 | 259.5 | 111.3 | 68.6 | 38.6 | 372.1 | 0.0 | 0.0 | 0.0 | 0.0 | 15.6 | 107.1 | 0.0 | 0.0 | 259.5 | 111.3 | 68.6 | 38.6 | 0 | 0 | 0 | |
| 4+00.41 | TO | 21+55.05 | 1,754.6 | 701.9 | 76.8 | 549.5 | 392.1 | 0.0 | 46.5 | 0.0 | 0.0 | 24.0 | 467.7 | 0.0 | 0.0 | 0.0 | 0.0 | 76.8 | 549.5 | 392.1 | 0.0 | 46.5 | 0.0 | 0.0 | 24.0 | 3 | 0 | 25 | |
| 21+55.05 | TO | 21+92.30 | 37.3 | 14.9 | 0.0 | 37.3 | 9.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 12.0 | 39.6 | 0.0 | 0.0 | 0.0 | 0.0 | 37.3 | 9.3 | 0.0 | 0.0 | 0.0 | 0.0 | 12.0 | 0 | 0 | 0 | |
| 21+92.30 | TO | 22+40.19 | 47.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | |
| 22+40.19 | TO | 75+36.00 | 5,295.8 | 2,118.3 | 61.2 | 659.8 | 1,324.0 | 10,372.6 | 0.0 | 0.0 | 0.0 | 36.0 | 4,269.2 | 659.8 | 1,324.0 | 10,372.6 | 61.2 | 659.8 | 569.0 | 4,373.6 | 0.0 | 0.0 | 0.0 | 36.0 | 0 | 0 | 66 | | |
| 75+36.00 | TO | 94+60.00 | 1,924.0 | 769.6 | 0.0 | 864.0 | 454.6 | 3,848.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1,728.4 | 864.0 | 454.6 | 3,848.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 24 | |
| 94+60.00 | TO | 109+69.00 | 1,509.0 | 603.6 | 0.0 | 3,726.0 | 0.0 | 3,018.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2,252.8 | 3,726.0 | 0.0 | 3,018.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 19 | |
| 109+69.00 | TO | 116+53.00 | 684.0 | 273.6 | 0.0 | 374.0 | 161.6 | 1,368.0 | 0.0 | 0.0 | 0.0 | 0.0 | 636.8 | 374.0 | 161.6 | 1,368.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 9 | |
| 116+53.00 | TO | 222+47.00 | 10,584.0 | 4,233.6 | 0.0 | 4,737.2 | 2,485.8 | 21,168.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9,497.9 | 4,737.2 | 2,485.8 | 21,168.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 132 | |
| 222+47.00 | TO | 223+17.00 | 70.0 | 28.0 | 0.0 | 70.0 | 17.5 | 140.0 | 0.0 | 0.0 | 0.0 | 0.0 | 76.1 | 70.0 | 17.5 | 140.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1 | |
| 223+17.00 | TO | 233+80.53 | 1,063.5 | 425.4 | 0.0 | 1,732.3 | 0.0 | 2,127.1 | 0.0 | 0.0 | 0.0 | 0.0 | 1,289.9 | 1,732.3 | 0.0 | 2,127.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 13 | |
| 233+80.53 | = | 234+37.80 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | |
| 234+37.80 | TO | 236+33.27 | 195.5 | 78.2 | 0.0 | 195.5 | 48.9 | 390.9 | 0.0 | 0.0 | 0.0 | 0.0 | 212.4 | 195.5 | 48.9 | 390.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 2 | |
| 236+33.27 | TO | 237+03.27 | 70.0 | 28.0 | 0.0 | 70.0 | 17.5 | 140.0 | 0.0 | 0.0 | 0.0 | 0.0 | 76.1 | 70.0 | 17.5 | 140.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1 | |
| 237+03.27 | TO | 237+80.00 | 76.7 | 30.7 | 0.0 | 76.7 | 19.2 | 153.5 | 0.0 | 0.0 | 0.0 | 0.0 | 83.4 | 76.7 | 19.2 | 153.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1 | |
| 237+80.00 | TO | 268+52.31 | 3,072.3 | 1,228.9 | 0.0 | 2,132.3 | 672.6 | 6,144.6 | 0.0 | 0.0 | 0.0 | 0.0 | 2,993.1 | 2,132.3 | 672.6 | 6,144.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 38 | |
| 268+52.31 | = | 269+14.40 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | |
| 269+14.40 | TO | 283+52.00 | 1,437.6 | 575.0 | 0.0 | 809.6 | 359.4 | 2,875.2 | 0.0 | 0.0 | 0.0 | 0.0 | 1,352.7 | 809.6 | 359.4 | 2,875.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 18 | |
| 283+52.00 | TO | 290+97.00 | 745.0 | 298.0 | 0.0 | 753.0 | 185.3 | 1,490.0 | 0.0 | 0.0 | 0.0 | 0.0 | 811.8 | 753.0 | 185.3 | 1,490.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 9 | |
| 290+97.00 | TO | 301+00.00 | 1,003.0 | 401.2 | 0.0 | 2,006.0 | 0.0 | 2,006.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1,340.5 | 2,006.0 | 0.0 | 2,006.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 13 | |
| 301+00.00 | TO | 314+03.00 | 1,303.0 | 521.2 | 0.0 | 2,606.0 | 0.0 | 2,606.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1,741.5 | 2,606.0 | 0.0 | 2,606.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 16 | |
| 314+03.00 | TO | 358+94.00 | 4,491.0 | 1,796.4 | 0.0 | 2,033.0 | 1,092.8 | 8,982.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4,050.5 | 2,033.0 | 1,092.8 | 8,982.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 56 | |
| 358+94.00 | TO | 369+55.00 | 1,061.0 | 424.4 | 0.0 | 1,305.0 | 251.3 | 2,122.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1,229.5 | 1,305.0 | 251.3 | 2,122.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 13 | |
| 369+55.00 | TO | 375+40.00 | 585.0 | 234.0 | 0.0 | 85.0 | 146.3 | 1,170.0 | 0.0 | 0.0 | 0.0 | 0.0 | 469.0 | 85.0 | 146.3 | 1,170.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 7 | |
| 375+40.00 | = | 100+00.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | |
| 99+00.00 | TO | 100+00.00 | 100.0 | 30.0 | 0.0 | 0.0 | 25.0 | 200.0 | 0.0 | 0.0 | 0.0 | 0.0 | 75.2 | 0.0 | 25.0 | 200.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1 | |
| 65+60.00 | TO | 99+00.00 | 3,340.0 | 1,002.0 | 0.0 | 2,650.0 | 644.0 | 6,680.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3,332.7 | 2,650.0 | 644.0 | 6,680.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 42 | |
| SHEET TOTALS | | | 40,839 | 15,960 | 247 | 28,041 | 8,307 | 77,002 | 869 | 111 | 69 | 152 | 39,012 | 26,885 | 7,905 | 77,002 | 247 | 1,816 | 970 | 4,374 | 869 | 111 | 69 | 152 | 13 | 0 | 520 | | |

TEMPORARY RAMP, SPECIAL SCHEDULE

| LOCATION | | | WIDTH FEET | LENGTH FEET | AREA SQ YD |
|--------------|----------|---------|---------------|----------------|---------------|
| RT. 1+21.42 | CE | 0+00.00 | 2.0 | 44.0 | 9.8 |
| LT. 1+50.61 | ALLEY | 0+00.00 | 2.0 | 24.0 | 5.3 |
| LT. 2+28.70 | CE | 0+00.00 | 2.0 | 31.0 | 6.9 |
| RT. 3+65.40 | SIDEWALK | 0+00.00 | 2.0 | 5.0 | 1.1 |
| LT. 3+81.40 | PE | 0+00.00 | 2.0 | 29.0 | 6.4 |
| RT. 4+22.21 | CE | 0+00.00 | 2.0 | 40.0 | 8.9 |
| LT. 5+03.56 | PE | 0+00.00 | 2.0 | 30.5 | 6.8 |
| RT. 5+42.96 | ALLEY | 0+00.00 | 2.0 | 28.0 | 6.2 |
| RT. 6+08.01 | PE | 0+00.00 | 2.0 | 14.0 | 3.1 |
| LT. 6+20.66 | PE | 0+00.00 | 2.0 | 22.0 | 4.9 |
| LT. 8+47.41 | CE | 0+00.00 | 2.0 | 80.0 | 17.8 |
| LT. 9+05.76 | CE | 0+00.00 | 2.0 | 33.0 | 7.3 |
| RT. 9+11.98 | PE | 0+00.00 | 2.0 | 32.0 | 7.1 |
| RT. 9+66.06 | ALLEY | 0+00.00 | 2.0 | 29.0 | 6.4 |
| LT. 9+68.89 | ALLEY | 0+00.00 | 2.0 | 26.0 | 5.8 |
| RT. 10+36.26 | PE | 0+00.00 | 2.0 | 20.0 | 4.4 |
| LT. 13+41.31 | ALLEY | 0+00.00 | 2.0 | 28.0 | 6.2 |
| LT. 13+96.51 | ALLEY | 0+00.00 | 2.0 | 20.0 | 4.4 |
| RT. 13+98.10 | ALLEY | 0+00.00 | 2.0 | 21.0 | 4.7 |
| RT. 15+03.61 | PE | 0+00.00 | 2.0 | 21.0 | 4.7 |
| LT. 17+38.61 | PE | 0+00.00 | 2.0 | 21.0 | 4.7 |
| RT. 17+64.57 | ALLEY | 0+00.00 | 2.0 | 45.0 | 10.0 |
| LT. 17+78.26 | CE | 0+00.00 | 2.0 | 30.0 | 6.7 |
| LT. 18+17.46 | CE | 0+00.00 | 2.0 | 32.0 | 7.1 |
| RT. 18+57.64 | PE | 0+00.00 | 2.0 | 20.0 | 4.4 |
| LT. 18+75.53 | CE | 0+00.00 | 2.0 | 50.0 | 11.1 |
| LT. 19+64.14 | CE | 0+00.00 | 2.0 | 35.0 | 7.8 |
| RT. 20+02.39 | CE | 0+00.00 | 2.0 | 45.0 | 10.0 |
| LT. 20+03.20 | CE | 0+00.00 | 2.0 | 35.0 | 7.8 |
| RT. 21+31.72 | CE | 0+00.00 | 2.0 | 40.0 | 8.9 |
| TOTAL = | | | | | 207 |

SURVEY MONUMENT COVER ASSEMBLY SCHEDULE

| LOCATION | TYPE | QUANTITY EACH | DESCRIPTION |
|-----------|------------|---------------|---|
| 133+75.00 | SEC. CORNR | 1.0 | 17.2' LT. STA. 133+75, IP, CL OF TR650N |
| TOTAL = | | 1.0 | |

CONCRETE MEDIAN SURFACE REMOVAL SCHEDULE

| LOCATION | AREA SQ FT | DESC. |
|---------------------|------------|--------|
| 03+26.43 RT. 29.75' | 46.7 | ISLAND |
| TOTAL = | | 46.7 |

PATCHING SCHEDULE

| LOCATION | CLASS B PATCHES, TYPE I, 8" | CLASS B PATCHES, TYPE II, 8" | CLASS B PATCHES, TYPE IV, 8" | CLASS D PATCHES, TYPE I, 13" | CLASS D PATCHES, TYPE II, 13" | CLASS D PATCHES, TYPE III, 13" | CLASS D PATCHES, TYPE IV, 13" | PARTIAL DEPTH PATCHING (SPECIAL) | PARTIAL DEPTH REMOVAL, 3" | PARTIAL DEPTH PATCHING | HOT-MIX ASPHALT FOR PATCHING |
|----------------|-----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|-------------------------------|----------------------------------|---------------------------|------------------------|------------------------------|
| | SQ YD | SQ YD | SQ YD | SQ YD | SQ YD | SQ YD | SQ YD | SQ YD | SQ YD | TON | TON |
| FAP328 (US 45) | 21 | 232 | 380 | 8 | 643 | 132 | 120 | 940 | 308 | 52 | 368 |

TEMPORARY RAMPS SCHEDULE

| LOCATION | LENGTH FEET | WIDTH FEET | AREA SQ YD | |
|----------|----------------------------|---------------|---------------|------|
| 0+12.00 | BEGINNING OF PROJECT | 7.5 | 58.8 | 49.0 |
| 2+86.57 | N. INT. OF US 45/EB IL 15 | 7.5 | 70.1 | 58.4 |
| 3+18.50 | S. INT. OF US 45/EB IL 15 | 7.5 | 80.4 | 67.0 |
| 3+33.50 | RT. TURN LN, 76.5' RT. | 7.5 | VAR. | 13.0 |
| 21+92.30 | N. EDGE OF PRECAST RR XING | 7.5 | 42.0 | 35.0 |
| 22+40.19 | S. EDGE OF PRECAST RR XING | 5.0 | 42.0 | 23.3 |
| 65+10.00 | END OF PROJECT | 5.0 | 44.0 | 24.4 |
| TOTAL = | | | 270 | |

PERMANENT SURVEY MARKER, TYPE 1 SCHEDULE

| LOCATION | TYPE | QUANTITY EACH | DESCRIPTION |
|-----------|--------|---------------|------------------------------------|
| 202+32.88 | CL POT | 1.0 | |
| 225+12.04 | CL PC | 1.0 | |
| 233+80.53 | CL PT | 1.0 | STA. EQ. 233+80.53 BK=234+37.80 AH |
| 259+75.07 | CL PC | 1.0 | |
| 264+50.00 | CL POT | 1.0 | |
| 268+52.31 | CL PT | 1.0 | STA. EQ. 268+52.31 BK=269+14.40 AH |
| 284+69.53 | CL POT | 1.0 | |
| TOTAL = | | 7.0 | |

CURB REMOVAL SCHEDULE

| LOCATION | LENGTH (FEET) | DESC. |
|---------------------|---------------|--------|
| 03+26.43 RT. 29.75' | 34.7 | ISLAND |
| TOTAL = | | 34.7 |

EARTHWORK SCHEDULE

| Location | Earth Excavation | | | Earthwork Balance |
|-------------------------------|------------------|--------------------|------------|------------------------|
| | Earth Excavation | Adj. for Shrinkage | Embankment | Waste (+)/Shortage (-) |
| U. S. 45 | CU. YD. | CU. YD. | CU. YD. | CU. YD. |
| FM 222+25 TO 231+75 LT. & RT. | 23.0 | 17.3 | 199.0 | -181.7 |
| NEW HOPE RD. | | | | |
| FM 53+89 TO 55+00 LT. & RT. | 6.0 | 4.5 | 120.0 | -115.5 |
| PROJECT TOTAL | 29.0 | 21.8 | 319.0 | -297.2 |

TRAFFIC BARRIER TERMINAL, TYPE I (SPECIAL) TANGENT SCHEDULE

| LOCATION | | | QUANTITY |
|-------------------|--------------|-----------|----------|
| US 45 | | | EACH |
| 17.5' RT. | 222+87.94 TO | 233+37.95 | 1.0 |
| NEW HOPE RD. | | | |
| 9' RT (SURVEY CL) | 53+78.67 TO | 54+28.67 | 1.0 |
| PROJECT TOTAL | | | 2.0 |

STEEL PLATE BEAM GUARDRAIL, TYPE A, 6' POSTS SCHEDULE

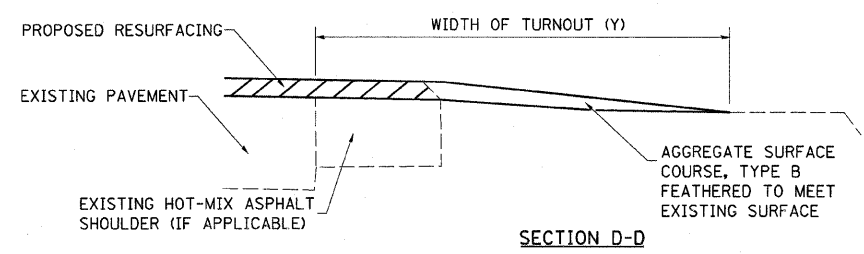
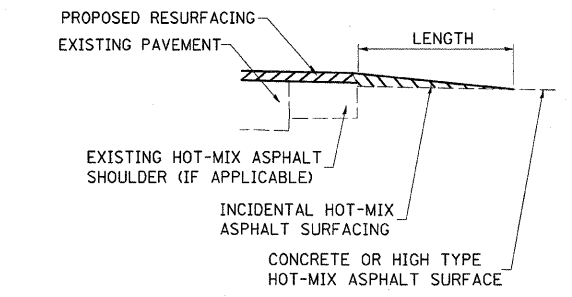
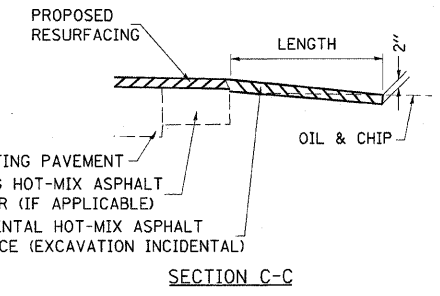
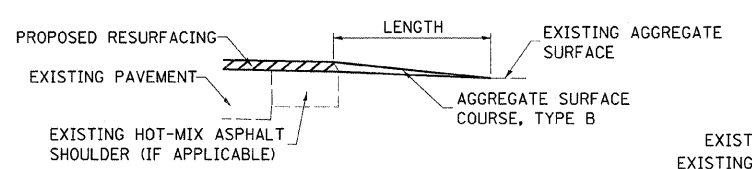
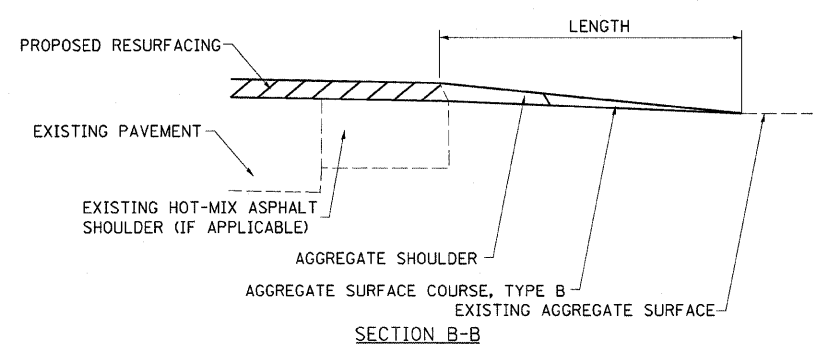
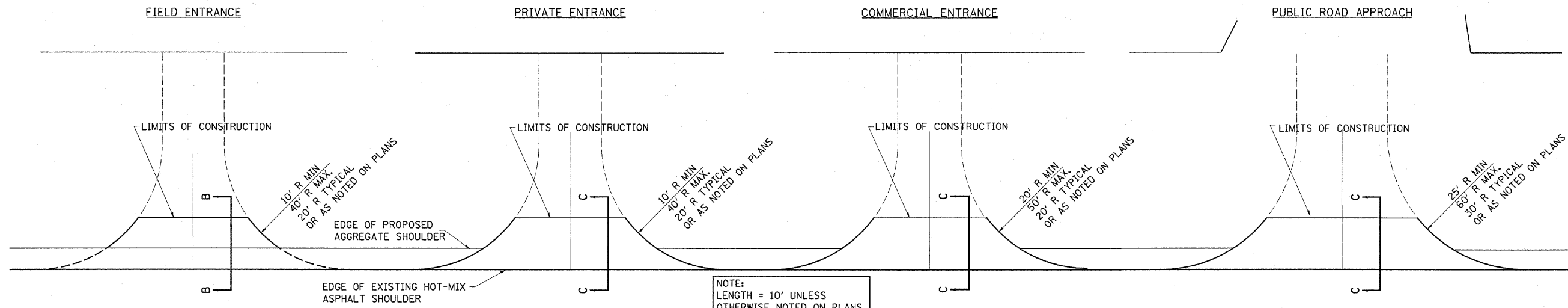
| LOCATION | | QUANTITY |
|-------------------|------------------------|----------|
| | | (FOOT) |
| US 45 | | |
| 17.5' RT. | 223+37.95 TO 225+34.11 | 187.5 |
| NEW HOPE RD. | | |
| 9' RT (SURVEY CL) | 24+28.67 TO 24+53.68 | 25.0 |
| PROJECT TOTAL | | 212.5 |

STEEL PLATE BEAM GUARDRAIL, (SHORT RADIUS) SCHEDULE

| LOCATION | | QUANTITY |
|-------------------|------------------------|-----------|
| | | (FOOT) |
| US 45 | | |
| 17.5' RT. | 225+34.11 TO 225+55.38 | 46.1' RT. |
| NEW HOPE RD. | | |
| 9' RT (SURVEY CL) | 24+53.68 | |
| PROJECT TOTAL | | 37.5 |

GRADING AND SHAPING DITCHES SCHEDULE

| LOCATION | | QUANTITY |
|------------------------|-----|----------|
| US 45 | | |
| 236+00.00 TO 236+80.00 | LT. | 80.0 |
| PROJECT TOTAL | | 80.0 |



TYPICAL SECTION AT MAILBOX TURNOUT
NOTE: SEE STANDARD 406201 FOR MAILBOX TURNOUT DETAILS

SEE FOLLOWING SHEET FOR ENTRANCE SCHEDULE

NOTES

THE COST OF THE ASPHALT MATERIALS, AND AGGREGATE (PRIME COAT) FOR ENTRANCES AND PUBLIC ROADS AND APPROACHES SHALL BE INCLUDED IN THE PAY ITEM INCIDENTAL HOT-MIX ASPHALT SURFACING.

THE COST OF EXCAVATION IS INCLUDED IN THE PAY ITEM INCIDENTAL HOT-MIX ASPHALT SURFACING.

IF THERE IS NOT EXISTING HOT-MIX ASPHALT SHOULDER THEN THE ENTRANCE TAPER STARTS AT THE EDGE OF EXISTING PAVEMENT.

THE COST OF THE BITUMINOUS MATERIALS AND AGGREGATE (PRIME COAT) FOR ENTRANCES AND PUBLIC ROAD APPROACHES SHALL BE INCLUDED IN THE PAY ITEM INCIDENTAL HOT-MIX ASPHALT SURFACING.

| | | | | | | | | | | |
|--|---------------------|---------------------|--------------------|---|---|---|----------|--------|--------------|-----------|
| FILE NAME = | USER NAME = swartzw | DESIGNED - 08-03-99 | REVISED - 03-13-07 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | RURAL ENTRANCE SCHEDULE AND MAILBOX TURNOUT DETAILS WITH SHOULDERS | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| ca:\pw_work\pwsdot\swartzw\10177935\d77448-sht-sch.dgn | | DRAWN - | REVISED - | | | 328 | 104 RS-4 | WAYNE | 77 | 16 |
| PLOT SCALE = 50.0000' / IN. | | CHECKED - | REVISED - | | | CONTRACT NO. 74448 | | | | |
| PLOT DATE = 12/27/2010 | | DATE - | REVISED - | | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |
| | | | | SCALE: NA SHEET NO. 5 OF 6 SHEETS STA. TO STA. | | | | | | |

| SIDE | STATION | TYPE | INCIDENTAL HOT-MIX ASPHALT SURFACING | |
|------|---------|--------|--------------------------------------|-----|
| | | | TON | TON |
| RT | 79+21 | FE | | 1.2 |
| LT | 80+78 | PE | | 3.4 |
| LT | 83+20 | PE | | 2.0 |
| LT | 92+86 | PRA | 10.2 | |
| LT | 374+38 | MBT2 | | 3.1 |
| RT | 374+20 | PE | | 1.2 |
| LT | 371+68 | PE | 3.5 | |
| RT | 358+31 | PRA | 8.5 | |
| LT | 358+31 | PRA | 6.4 | |
| RT | 353+71 | PE | | 1.8 |
| RT | 352+97 | MBT1 | | 2.1 |
| RT | 352+78 | PE | | 1.7 |
| LT | 352+78 | PE | | 3.3 |
| RT | 348+07 | FE | | 1.4 |
| LT | 342+90 | PE | 9.5 | |
| RT | 341+75 | MBT1 | | 2.1 |
| RT | 341+53 | PE | | 2.5 |
| RT | 332+65 | CE | 9.3 | |
| RT | 323+84 | PE&MBT | | 3.1 |
| RT | 322+29 | PE | | 2.3 |
| RT | 318+00 | MBT2 | | 3.1 |
| LT | 317+97 | PE | | 4.6 |
| RT | 317+84 | FE | | 3.8 |
| RT | 314+30 | MBT1 | | 2.1 |
| RT | 314+14 | PE | | 2.6 |
| LT | 294+24 | FE | | 3.4 |

| SIDE | STATION | TYPE | INCIDENTAL HOT-MIX ASPHALT SURFACING | |
|------|---------|------|--------------------------------------|-----|
| | | | TON | TON |
| LT | 291+90 | FE | | 3.6 |
| RT | 291+67 | FE | | 5.3 |
| LT | 277+01 | PRA | 8.1 | |
| LT | 272+48 | PE | | 3.0 |
| LT | 272+35 | MBT1 | | 2.1 |
| RT | 269+64 | MBT1 | | 2.1 |
| RT | 269+46 | PE | | 3.4 |
| RT | 263+26 | PE | 3.9 | |
| LT | 259+07 | FE | | 1.5 |
| RT | 253+34 | FE | | 1.9 |
| LT | 253+24 | PE | 4.4 | |
| LT | 246+47 | PE | 8.8 | |
| LT | 236+66 | FE | | 3.2 |
| RT | 226+06 | PRA | 7.4 | |
| LT | 225+92 | FE | | 2.0 |
| LT | 212+45 | PRA | 6.2 | |
| RT | 203+57 | FE | | 1.6 |
| RT | 186+06 | PRA | 5 | |
| LT | 186+06 | PRA | 8.1 | |
| LT | 165+50 | CE | | 4.0 |
| LT | 163+55 | CE | | 4.1 |
| LT | 160+12 | PE | | 2.5 |
| RT | 159+77 | FE | | 2.0 |
| LT | 159+77 | FE | | 1.5 |
| LT | 146+30 | CE | 8.9 | |
| RT | 145+91 | PE | | 1.9 |

| SIDE | STATION | TYPE | INCIDENTAL HOT-MIX ASPHALT SURFACING | |
|------|---------|------|--------------------------------------|-----|
| | | | TON | TON |
| RT | 144+70 | PE | | 2.6 |
| LT | 142+71 | CE | 8.8 | |
| LT | 140+72 | PRA | 5.4 | |
| LT | 139+65 | CE | 6.7 | |
| RT | 138+87 | CE | | 2.5 |
| LT | 138+20 | CE | 8.6 | |
| RT | 136+98 | PE | | 2.0 |
| LT | 136+93 | CE | 8.5 | |
| LT | 133+75 | PRA | 5.5 | |
| RT | 133+75 | PRA | 4.6 | |
| LT | 131+47 | PE | | 2.2 |
| RT | 130+75 | CE | | 2.5 |
| LT | 130+61 | MBT2 | | 3.1 |
| RT | 128+80 | CE | | 2.5 |
| RT | 128+25 | CE | 5.8 | |
| LT | 125+51 | CE | 8.6 | |
| RT | 125+51 | CE | 8.6 | |
| RT | 123+95 | CE | 5.3 | |
| RT | 123+36 | CE | 5.2 | |
| LT | 120+14 | MBT1 | | 2.1 |
| RT | 119+84 | CE | 7.2 | |
| LT | 119+81 | PE | | 2.8 |
| LT | 114+78 | MBT1 | | 2.1 |
| LT | 114+45 | FE | | 2.3 |
| RT | 113+50 | PE | | 1.5 |
| RT | 111+30 | PE | | 1.8 |

| SIDE | STATION | TYPE | INCIDENTAL HOT-MIX ASPHALT SURFACING | |
|------|---------|------|--------------------------------------|------|
| | | | TON | TON |
| LT | 110+38 | PE | | 2.1 |
| RT | 109+92 | PE | | 3.1 |
| LT | 09+80TO | | | |
| LT | 103+15 | MBT | | 47.3 |
| RT | 107+39 | PE | | 4.6 |
| RT | 104+63 | PE | | 5.2 |
| RT | 103+30 | PE | | 1.9 |
| RT | 101+84 | PE | | 1.7 |
| LT | 101+50 | PE | | 2.6 |
| RT | 100+33 | PE | | 5.9 |
| LT | 99+90 | MBT1 | | 2.1 |
| LT | 99+75 | PE | | 2.1 |
| LT | 97+14 | MBT2 | | 3.1 |
| RT | 97+14 | PE | | 1.9 |
| LT | 95+78 | PE | | 2.6 |
| RT | 95+12 | CE | | 2.9 |
| RT | 93+76 | PRA | 7.2 | |
| LT | 93+96 | PRA | 6.7 | |
| LT | 93+76TO | | | |
| LT | 83+91 | MBT | | 70.1 |
| RT | 93+51TO | | | |
| LT | 88+94 | MBT | | 32.5 |
| RT | 87+72 | PE | | 3.7 |
| LT | 87+03 | FE | | 2.0 |
| LT | 82+45 | FE | | 1.5 |
| LT | 81+63TO | | | |
| LT | 79+50 | MBT | | 15.2 |

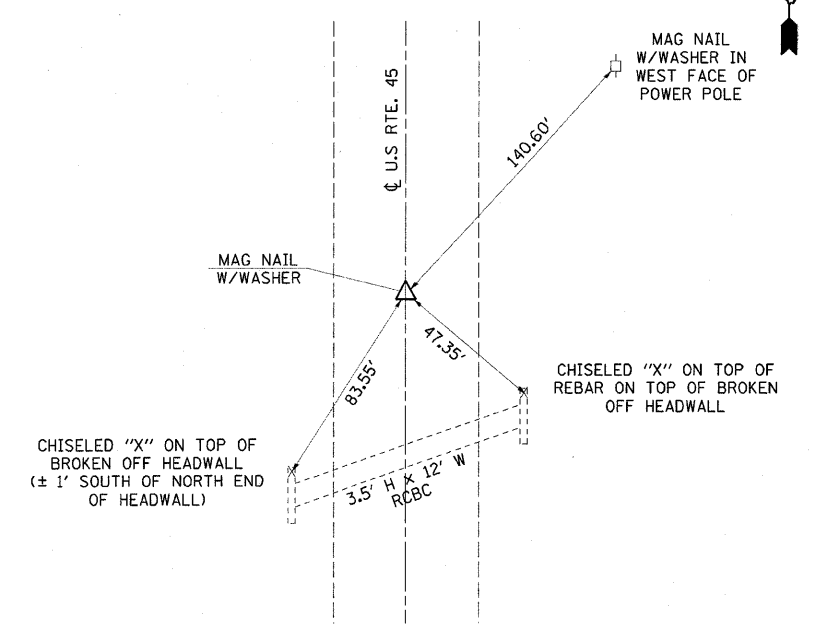
| SIDE | STATION | TYPE | INCIDENTAL HOT-MIX ASPHALT SURFACING | |
|------|---------|------|--------------------------------------|------|
| | | | TON | TON |
| RT | 80+73 | PE | | 2.2 |
| LT | 75+20TO | | | |
| LT | 73+90 | MBT | | 9.3 |
| LT | 72+01 | PE | | 3.0 |
| LT | 71+26 | MBT1 | | 2.1 |
| LT | 70+93 | CE | 5.8 | |
| RT | 70+90 | FE | | 1.4 |
| LT | 70+12 | CE | | 2.6 |
| LT | 69+37 | CE | | 5.7 |
| LT | 68+53 | CE | | 4.3 |
| LT | 6722 | PE | | 2.5 |
| LT | 6674 | PE | | 2.0 |
| LT | 64+50TO | | | |
| LT | 57+45 | MBT | | 3.1 |
| RT | 61+51 | PE | | 1.5 |
| LT | 60+30 | CE | 4.9 | |
| RT | 60+11 | PE | | 2.3 |
| RT | 59+54 | PE | 3.7 | |
| RT | 59+12 | PE | 2.2 | |
| RT | 57+65 | PE | 2.6 | |
| RT | 57+22 | PE | | 1.9 |
| RT | 56+07TO | | | |
| LT | 51+10 | CE | | 35.4 |
| LT | 55+31TO | | | |
| LT | 43+88 | MBT | | 81.4 |
| RT | 50+39 | PE | | 1.7 |

| SIDE | STATION | TYPE | INCIDENTAL HOT-MIX ASPHALT SURFACING | |
|------|---------|------|--------------------------------------|------|
| | | | TON | TON |
| RT | 49+47 | PE | | 3.7 |
| RT | 48+68 | PE | | 2.2 |
| RT | 48+07 | PE | | 2.3 |
| RT | 43+38 | PE | 3.8 | |
| LT | 43+05 | MBT2 | | 3.1 |
| RT | 42+70 | PE | | 1.9 |
| RT | 41+80 | PE | | 1.7 |
| RT | 40+92 | PE | | 3.3 |
| LT | 40+68 | PE | | 2.0 |
| LT | 40+25TO | | | |
| LT | 38+54 | CE | | 12.2 |
| LT | 37+82 | MBT1 | | 2.1 |
| LT | 37+47 | CE | | 3.2 |
| LT | 35+92 | CE | | 2.6 |
| RT | 35+59 | PRA | 6.7 | |
| LT | 33+90 | CE | | 2.6 |
| RT | 33+69 | CE | 7.9 | |
| LT | 32+19 | CE | | 3.1 |
| RT | 32+16 | PRA | 6.8 | |
| RT | 31+69 | PE | | 1.6 |
| RT | 30+96 | PE | | 2.0 |
| RT | 30+13 | PE | | 2.4 |
| LT | 30+13 | CE | | 3.1 |
| LT | 29+18 | CE | | 4.2 |
| RT | 28+38 | PRA | | 2.4 |
| LT | 27+88 | PE | 2.2 | |

| SIDE | STATION | TYPE | INCIDENTAL HOT-MIX ASPHALT SURFACING | |
|------|---------|------|--------------------------------------|-----|
| | | | TON | TON |
| RT | 27+30 | PE | | 1.7 |
| LT | 27+00 | PE | | 1.5 |
| LT | 25+92 | PE | 2.7 | |
| LT | 25+20 | PE | | 1.6 |
| RT | 24+95 | PE | | 2.3 |
| LT | 24+39 | PE | | 1.4 |
| LT | 23+88 | PE | 2.6 | |
| LT | 22+86 | CE | | 4.3 |
| | TOTALS | | 263 | 574 |

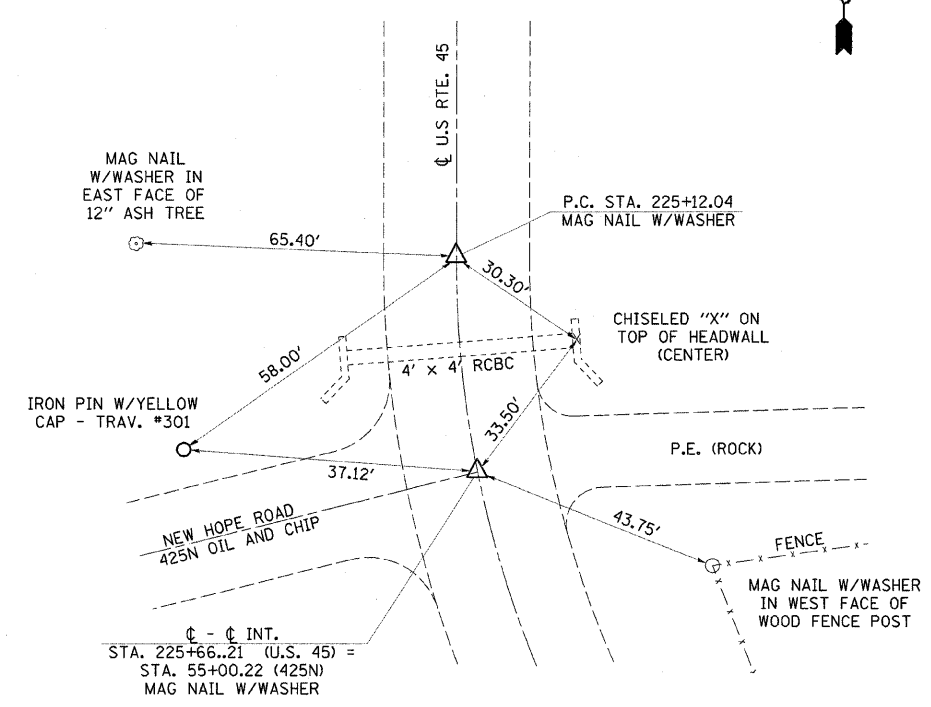
FE=FIELD ENTRANCE PRA - PUBLIC ROAD APPROACH
PE=PRIVATE ENTRANCE MBT - MAILBOX TURNOUT
CE=COMMERCIAL ENTRANCE

P.O.T. STA. 202+32.86



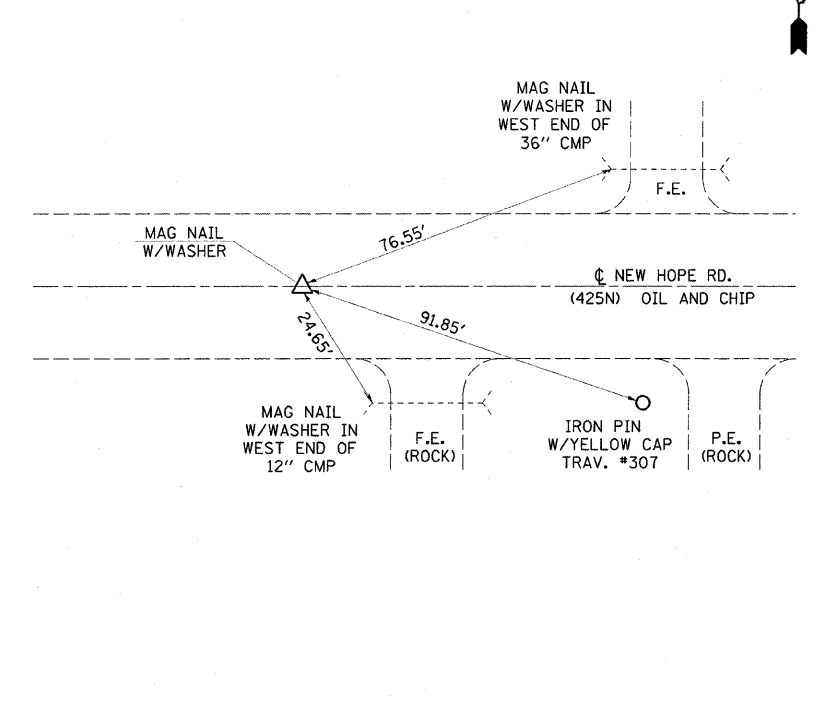
NOTE: NOT DRAWN TO A SPECIFIC SCALE

P.C. STA. 225+12.04
AND C-C INT. STA.



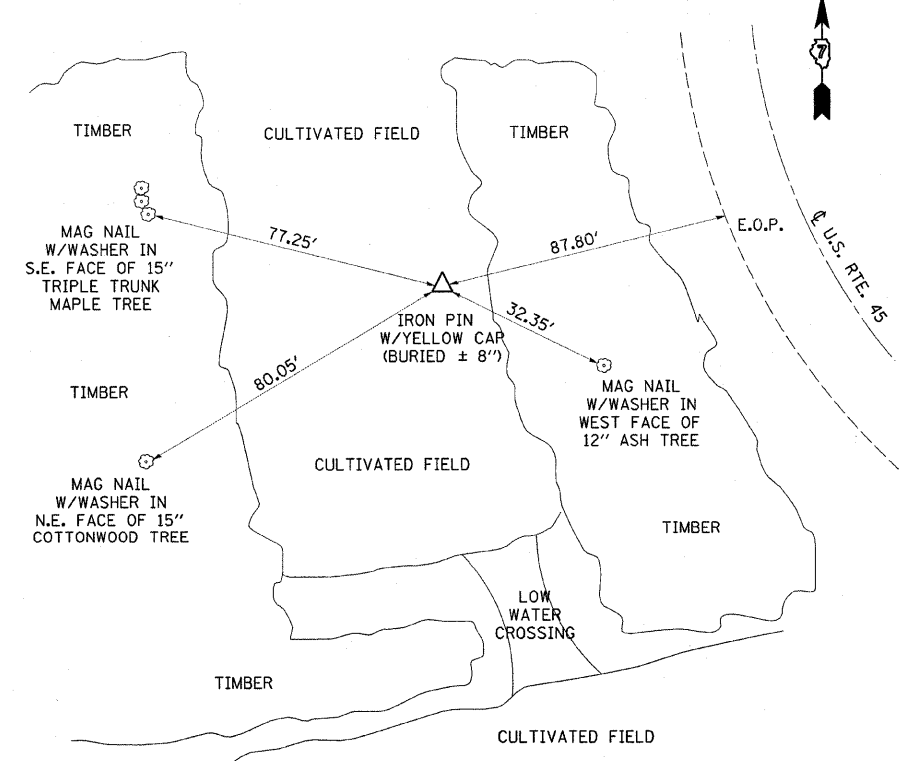
NOTE: NOT DRAWN TO A SPECIFIC SCALE

P.O.T. STA. 50+00.00
NEW HOPE RD. (424N)



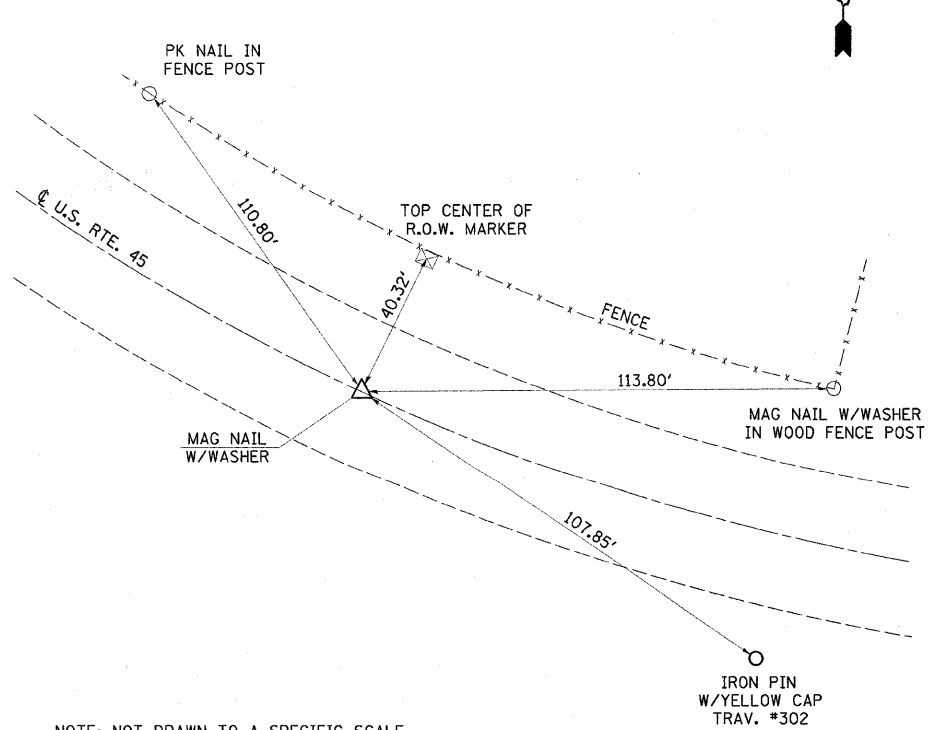
NOTE: NOT DRAWN TO A SPECIFIC SCALE

P.I. STA. 229+75.00



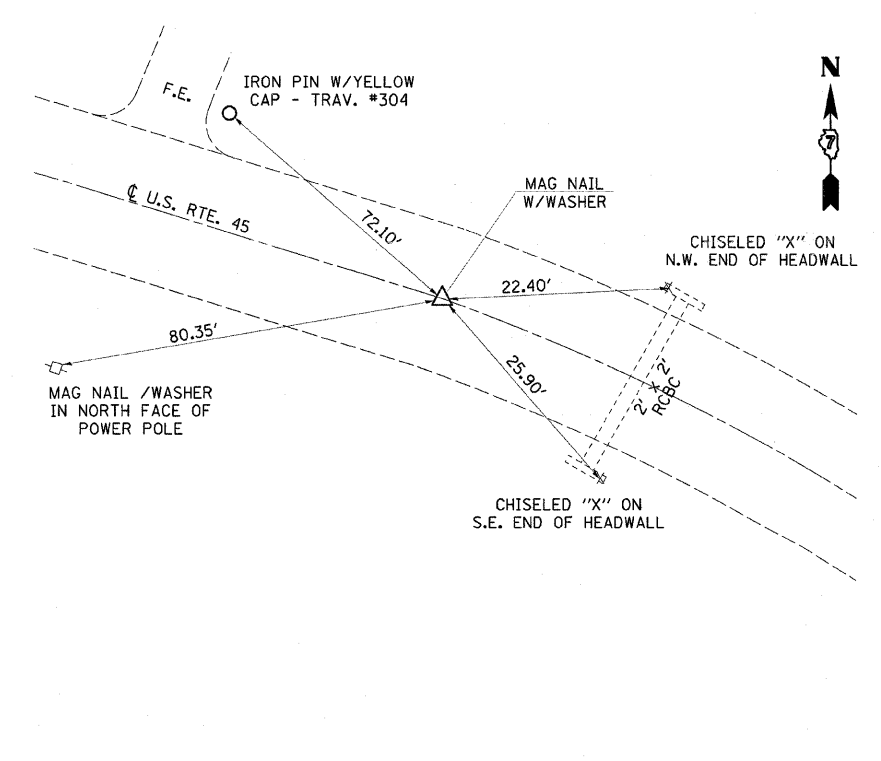
NOTE: NOT DRAWN TO A SPECIFIC SCALE

P.T. STA. EQUATION:
STA. 233+80.53 (BK) =
STA. 234+37.80 (AH)



NOTE: NOT DRAWN TO A SPECIFIC SCALE

P.C. STA. 259+75.07



NOTE: NOT DRAWN TO A SPECIFIC SCALE

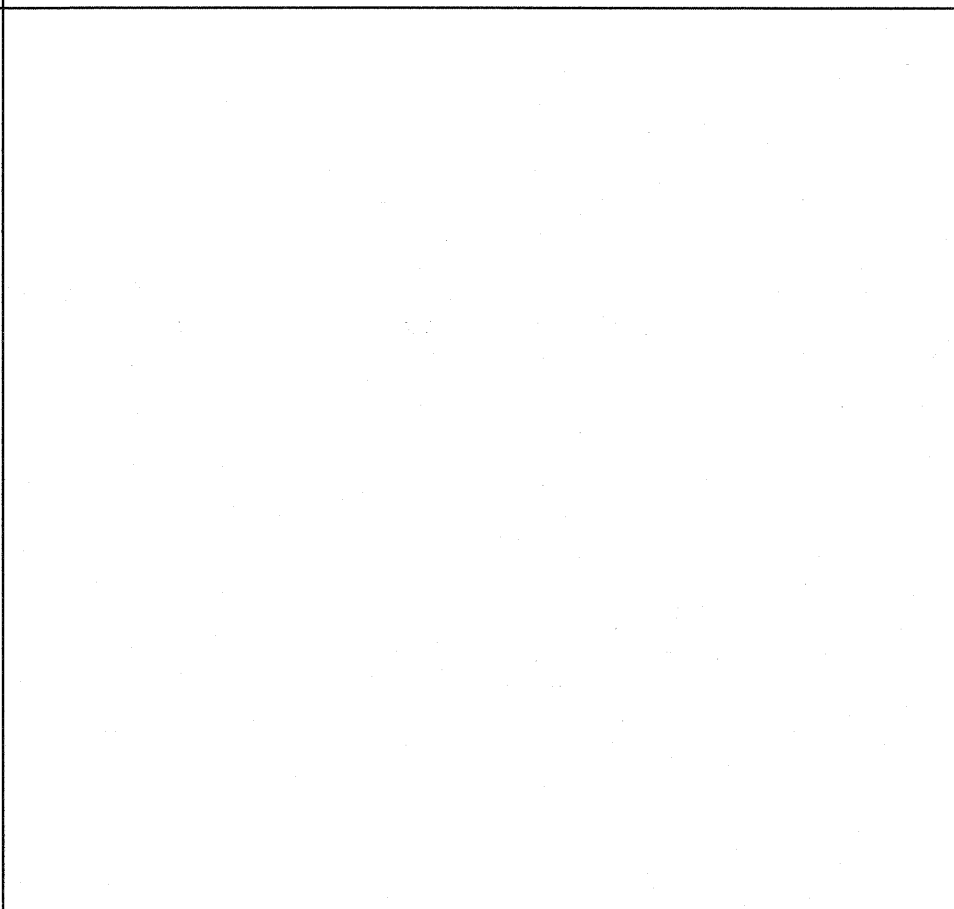
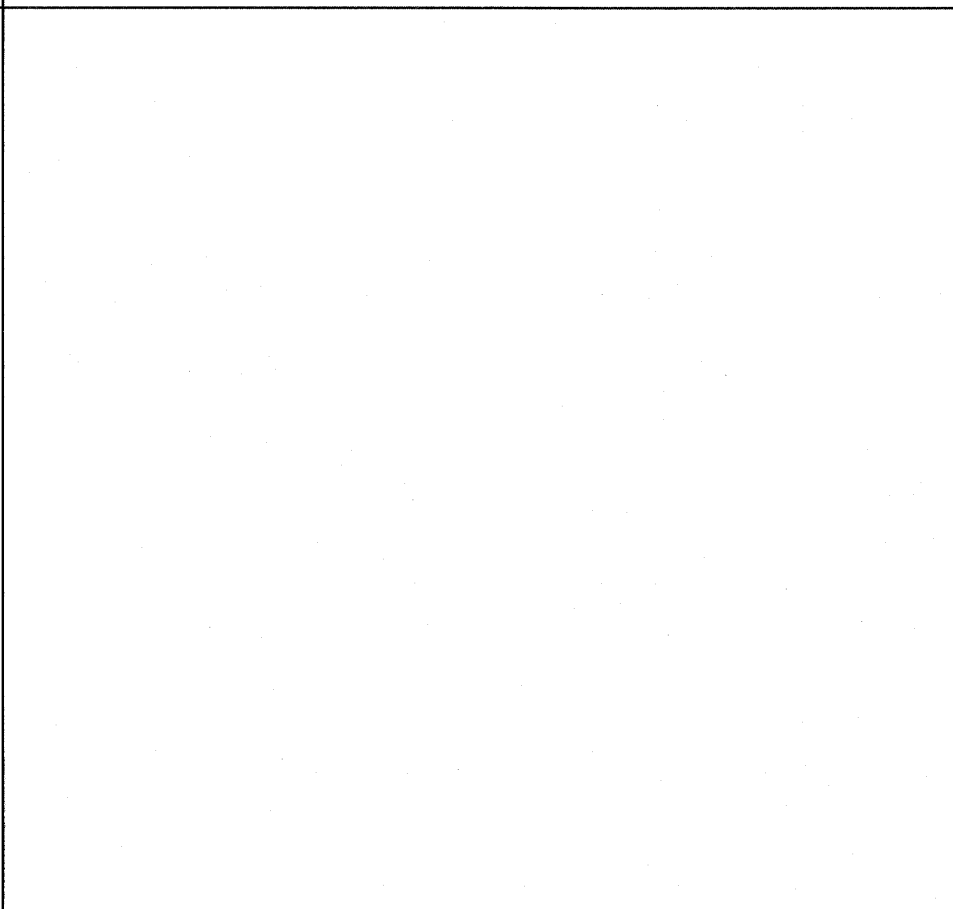
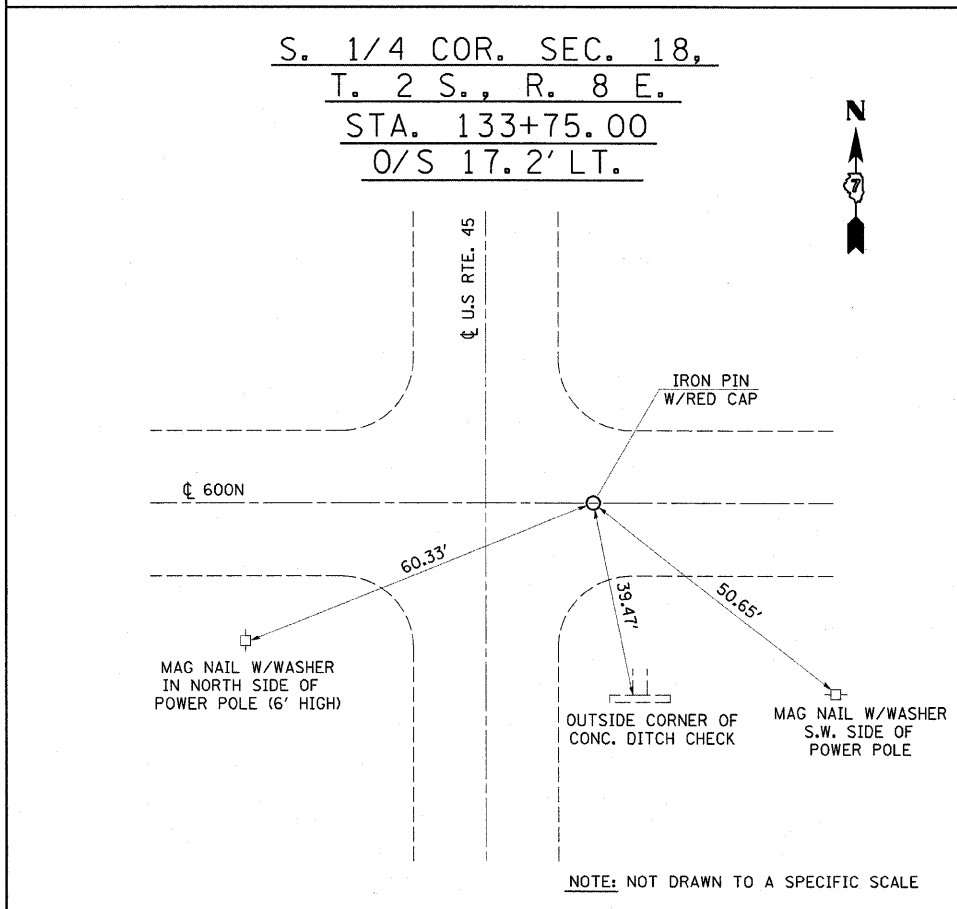
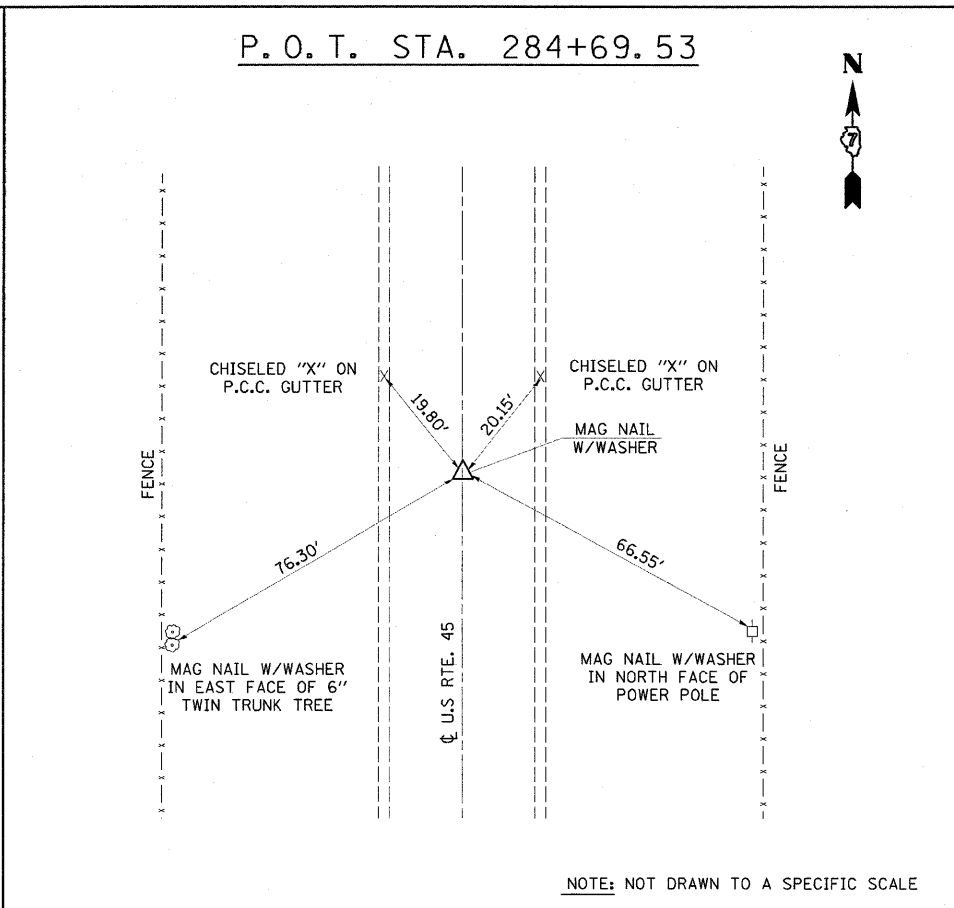
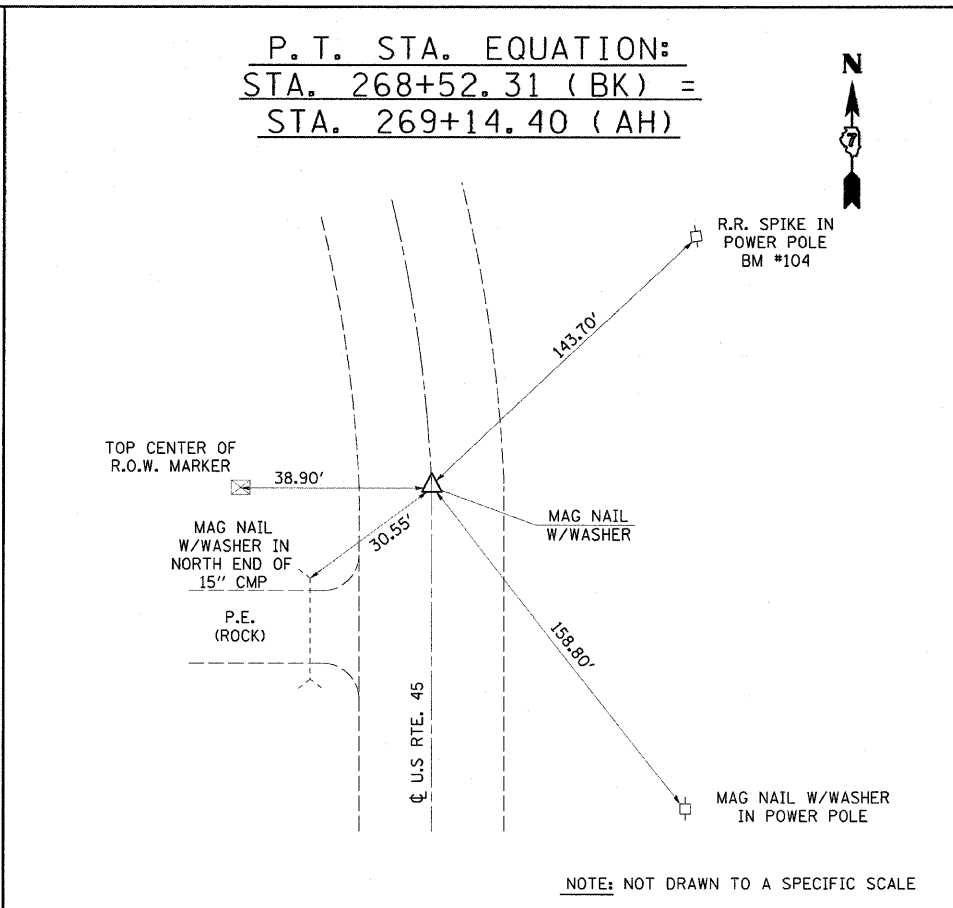
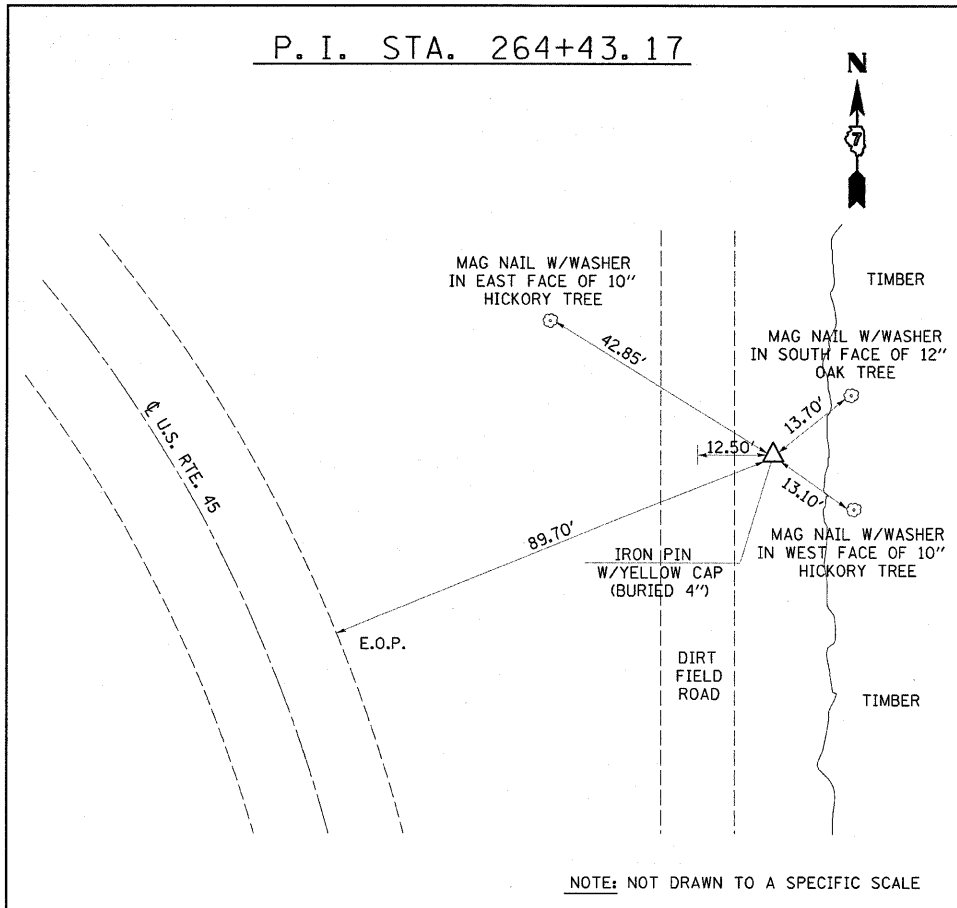
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| | PLOT SCALE = 50.0000' / IN. | CHECKED - | REVISED - |
| | PLOT DATE = 12/27/2010 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

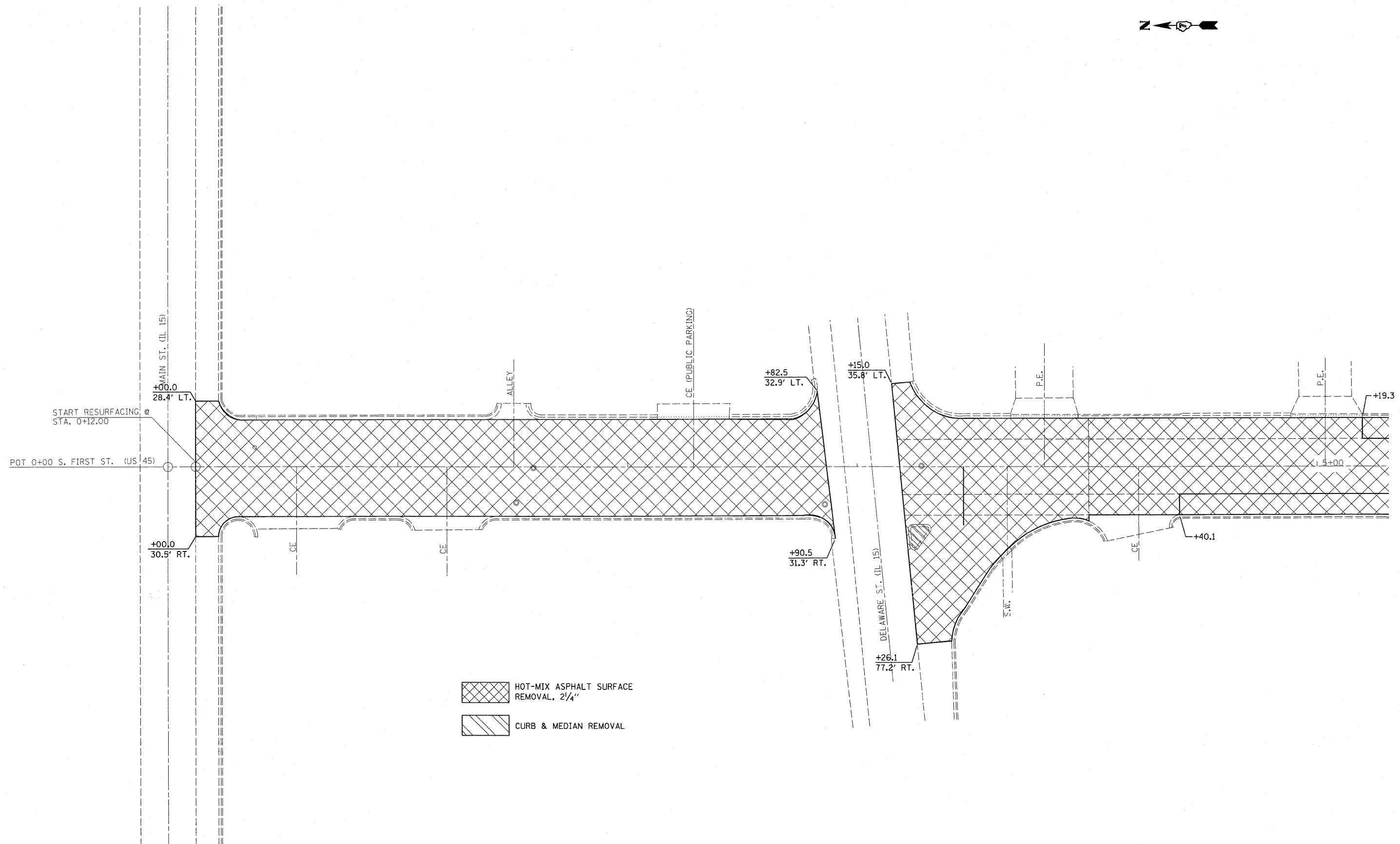
TIE POINTS


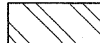
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| SCALE: NA | SHEET NO. 1 OF 2 SHEETS | STA. | TO STA. |
|-----------|-------------------------|------|---------|

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------|--------|--------------|-----------|
| 328 | 104 RS-4 | WAYNE | 77 | 18 |
| CONTRACT NO. 74448 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

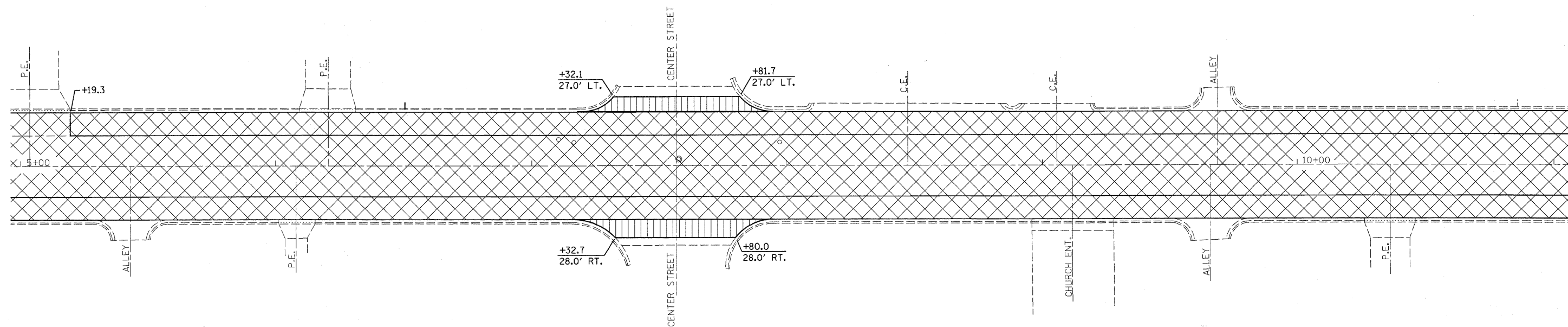




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|-------------|---------------------|------------|-----------|---|---------------------------|-------------------------|------|-----------------------|---------------------|-----------------|-----------------------|--------------------|
| FILE NAME = | USER NAME = swartzw | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TIE POINTS | | | F.A.P. RTE. 328 | SECTION 104 RS-4 | COUNTY WAYNE | TOTAL SHEETS 77 | SHEET NO. 19 |
| | | DRAWN - | REVISED - | | SCALE: NA | SHEET NO. 2 OF 2 SHEETS | STA. | TO STA. | CONTRACT NO. 74448 | | | |
| | | CHECKED - | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | |
| | | DATE - | REVISED - | | | | | | | | | |



-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
-  CURB & MEDIAN REMOVAL

| | | | | | | | | | | | | |
|--|------------------------------|------------|-----------|---|-------------------|--------------------------|-------------|--------------|--------|--------------|-----------|---------------------------|
| FILE NAME = | USER NAME = swartzw | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN SHEET | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| es:\pwork\pwork\swartzw\08177935\d77448-sht-plan.dgn | 448-sht-plan.dgn | DRAWN - | REVISED - | | SCALE: 20 | SHEET NO. 1 OF 20 SHEETS | STA. 0+00 | TO STA. 5+00 | 328 | 104 RS-4 | WAYNE | 77 20 |
| | PLOT SCALE = 20,0000 ' / IN. | CHECKED - | REVISED - | | | | | | | | | CONTRACT NO. 74448 |
| | PLOT DATE = 12/27/2010 | DATE - | REVISED - | | | | | | | | | ILLINOIS FED. AID PROJECT |



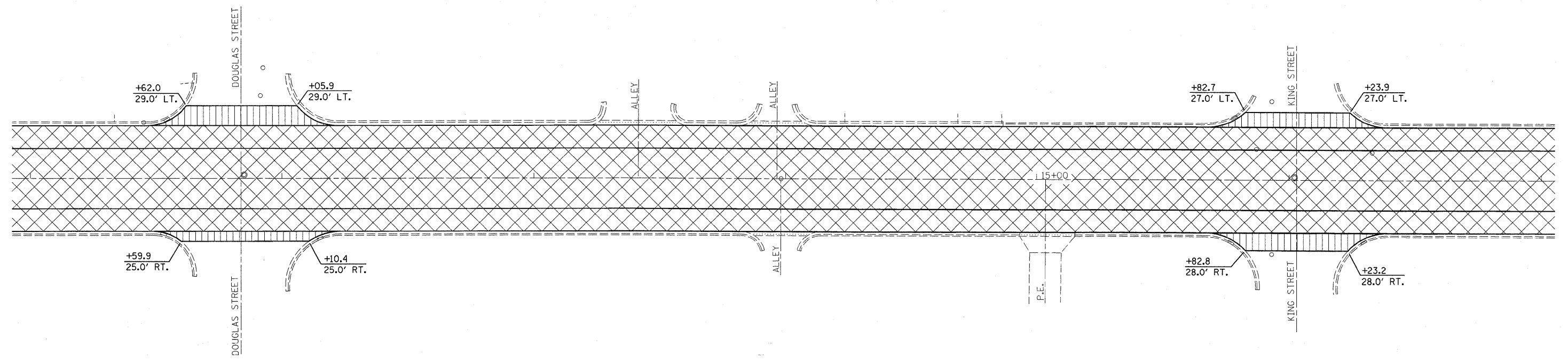
-  HOT-MIX ASPHALT SURFACE
REMOVAL, 2 1/4"
-  HOT-MIX ASPHALT
REMOVAL, 2 1/4" (SIDE STREET)

| | | | |
|---|-----------------------------|------------|-----------|
| FILE NAME = | USER NAME = swartzw | DESIGNED - | REVISED - |
| c:\pw\work\p\dot\swartzw\d0177935\d77448-sht-plan.dgn | | DRAWN - | REVISED - |
| | PLOT SCALE = 20.0000' / IN. | CHECKED - | REVISED - |
| | PLOT DATE = 12/27/2010 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|-------------------|--------------------------|-----------|---------------|
| PLAN SHEET | | | |
| SCALE: 20 | SHEET NO. 2 OF 20 SHEETS | STA. 5+00 | TO STA. 11+00 |

| | | | | |
|---------------------------|----------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 328 | 104 RS-4 | WAYNE | 77 | 21 |
| CONTRACT NO. 74448 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



- HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- HOT-MIX ASPHALT REMOVAL, 2 1/4" (SIDEWALK)

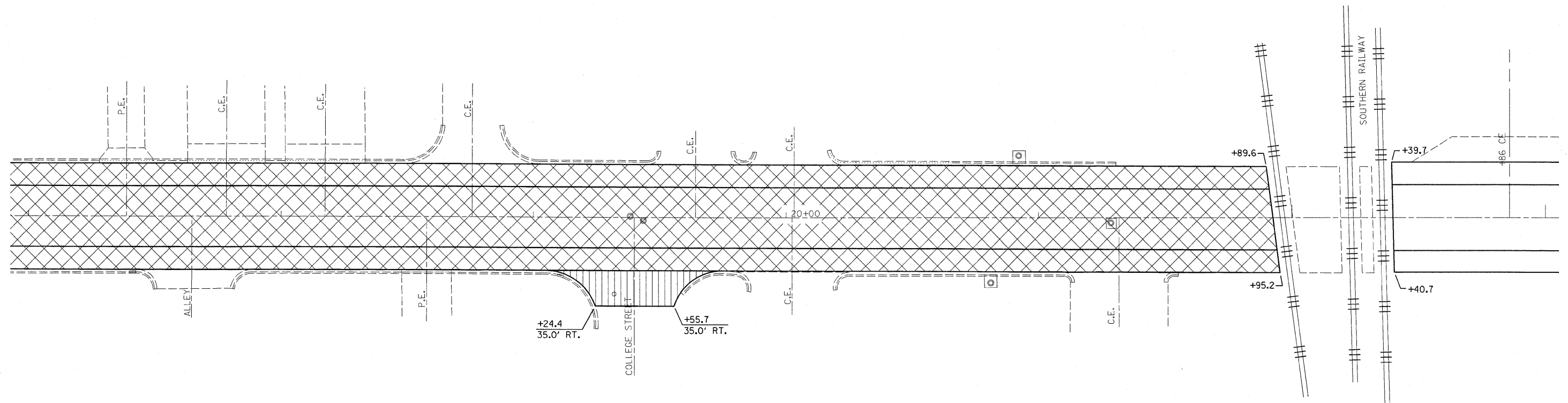
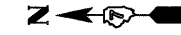
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| | PLOT SCALE = 20.0000' / IN. | CHECKED - | REVISED - |
| | PLOT DATE = 12/27/2010 | DATE - | REVISED - |



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: 20 SHEET NO. 3 OF 20 SHEETS STA. 11+00 TO STA. 17+00

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------|--------|--------------|-----------|
| 328 | 104 RS-4 | WAYNE | 77 | 22 |
| CONTRACT NO. 74448 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



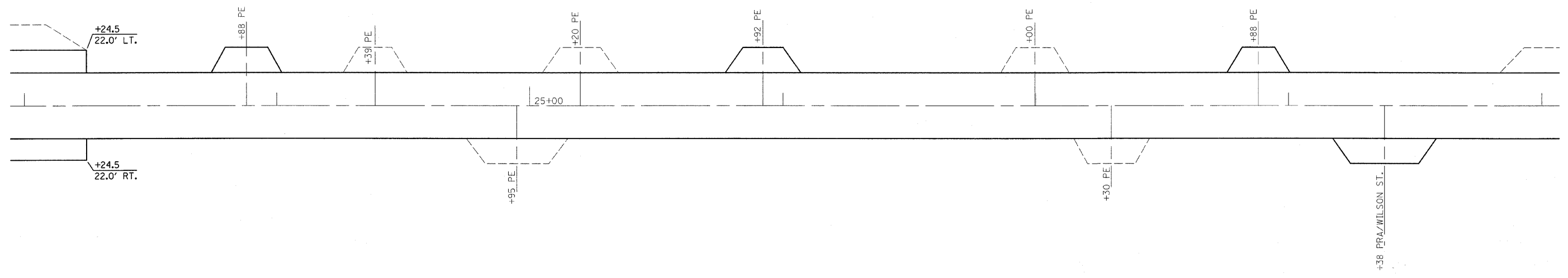
-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
-  HOT-MIX ASPHALT REMOVAL, 2 1/4" (SIDESTREET)

| | | | |
|---|-----------------------------|------------|-----------|
| FILE NAME = | USER NAME = swartzw | DESIGNED - | REVISED - |
| ca\pw\work\pilot\swartzw\d8177935\d77448-sht-plan.dgn | | DRAWN - | REVISED - |
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| | PLOT DATE = 12/27/2010 | DATE - | REVISED - |

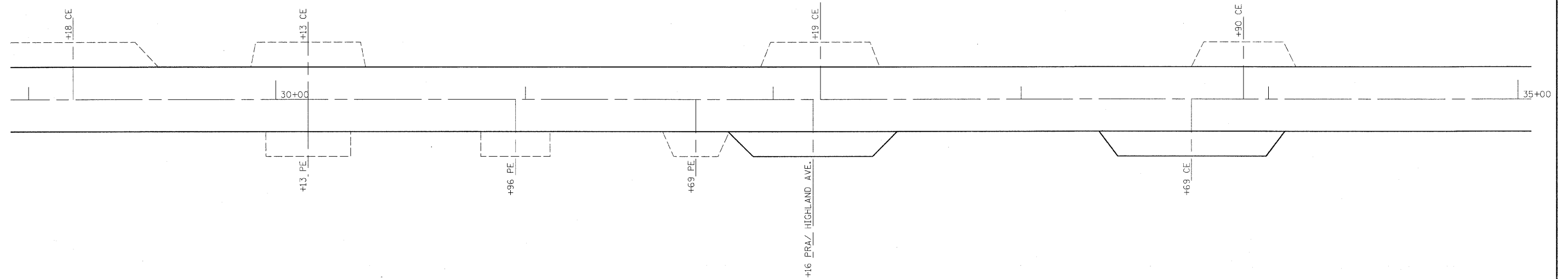
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|-------------------|--------------------------|------------|---------------|
| PLAN SHEET | | | |
| SCALE: 20 | SHEET NO. 4 OF 20 SHEETS | STA. 17+00 | TO STA. 23+00 |

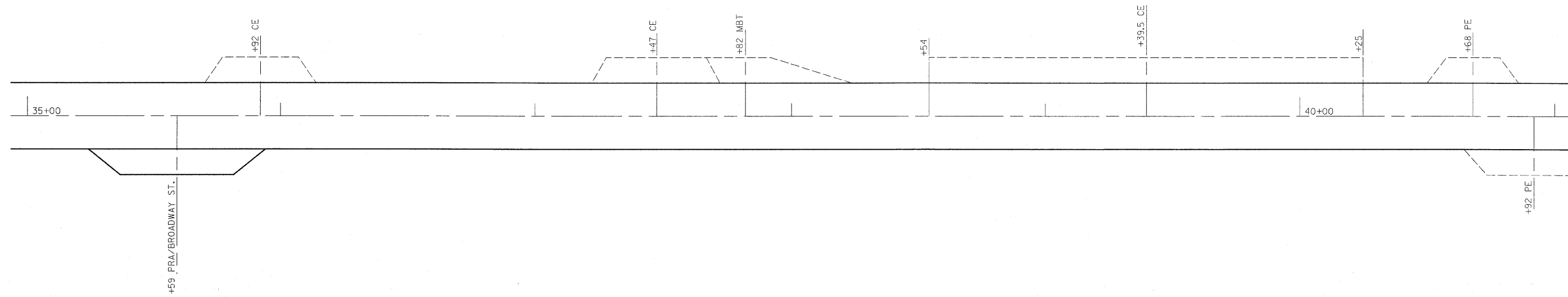
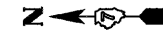
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| F.A.P. RTE. 328 | SECTION 104 RS-4 | COUNTY WAYNE | TOTAL SHEETS 77 | SHEET NO. 23 |
| CONTRACT NO. 74448 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



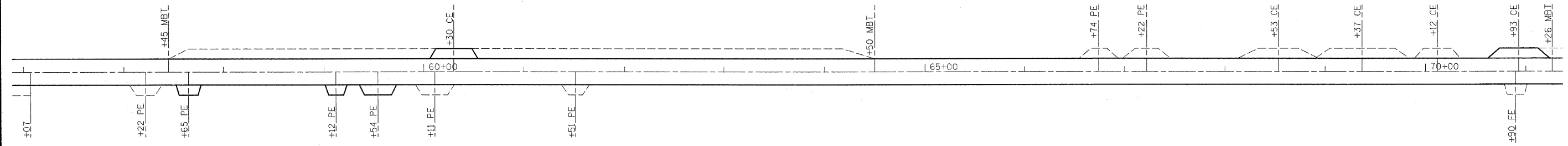
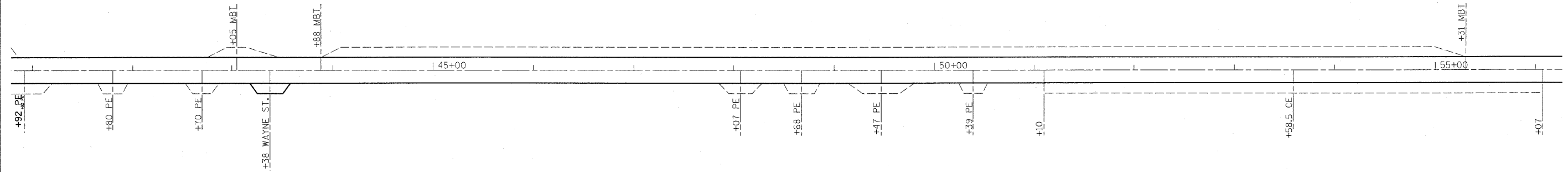
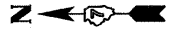
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| | PLOT SCALE = 20.0000 ' / IN. | CHECKED - | REVISED - | | SCALE: 20 | SHEET NO. 5 OF 20 SHEETS | STA. 23+00 TO STA. 29+00 | ILLINOIS FED. AID PROJECT | | | | | |
| | PLOT DATE = 12/27/2010 | DATE - | REVISED - | | | | | | | | | | |
| | CONTRACT NO. 74448 | | | | | | | | | | | | |



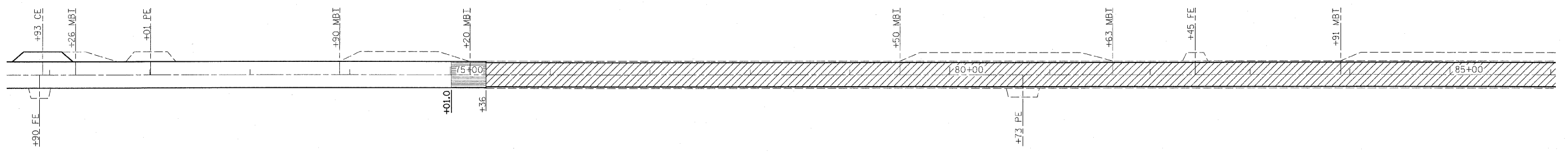
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| | 448-sht-plan.dgn | DRAWN - | REVISED - | | 328 | 104 RS-4 | WAYNE | 77 | 25 | | | |
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| PLOT DATE = 12/27/2010 | DATE - | REVISED - | SCALE: 20 | | SHEET NO. 6 OF 20 SHEETS | STA. 29+00 | TO STA. 35+00 | ILLINOIS FED. AID PROJECT | | | | |


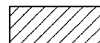


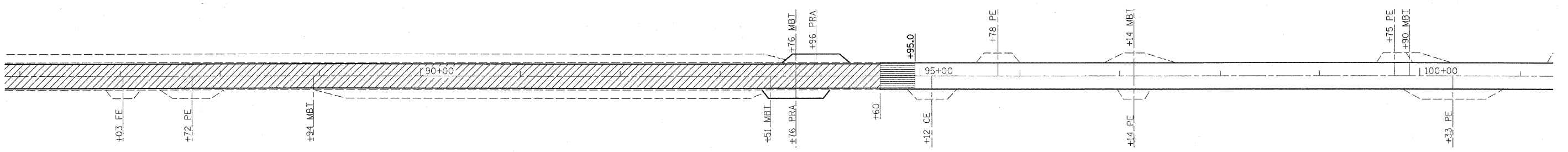
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| | PLOT DATE = 12/27/2018 | DATE - | REVISED - | | SCALE: 20 SHEET NO. 7 OF 20 SHEETS STA. 35+00 TO STA. 41+00 | | | ILLINOIS FED. AID PROJECT | | | | |
| | CONTRACT NO. 74448 | | | | | | | | | | | |


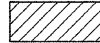


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| FILE NAME = | USER NAME = swartzr | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN SHEET | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
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| | PLOT SCALE = 50.0000' / IN. | CHECKED - | REVISED - | | CONTRACT NO. 74448 | | | | | | | |
| | PLOT DATE = 12/27/2010 | DATE - | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | |



 MILLING TRANSITION
 1/2" TO 2/4"
 HOT-MIX ASPHALT SURFACE
 REMOVAL, 2/4"



 MILLING TRANSITION
 2/4" TO 1/2"
 HOT-MIX ASPHALT SURFACE
 REMOVAL, 2/4"

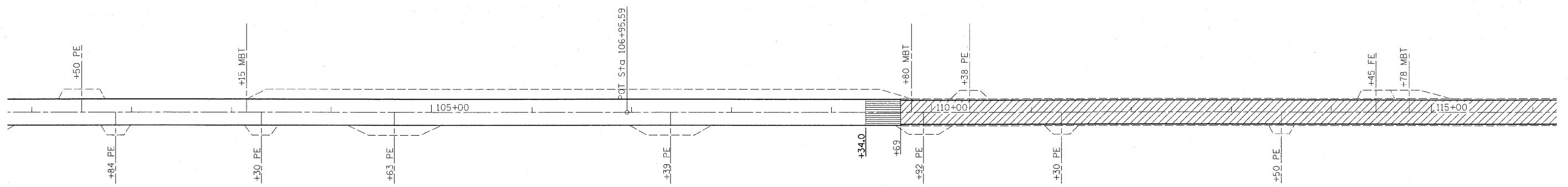
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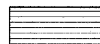
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

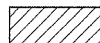
PLAN SHEET

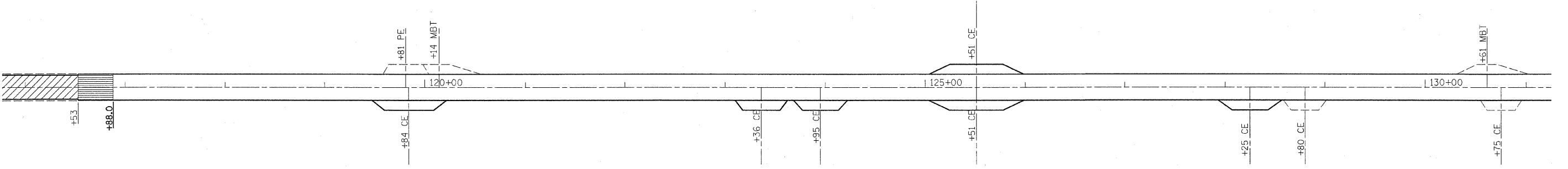
SCALE: 50 SHEET NO. 9 OF 20 SHEETS STA. 71+00 TO STA. 101+00


| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------|--------|---------------------------|-----------|
| 328 | 104 RS-2 | WAYNE | 77 | 28 |
| CONTRACT NO. 74448 | | | ILLINOIS FED. AID PROJECT | |




 MILLING TRANSITION
 1/2" TO 2/4"

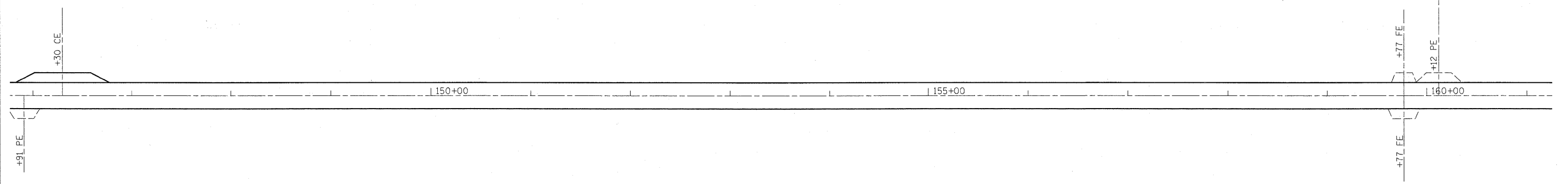
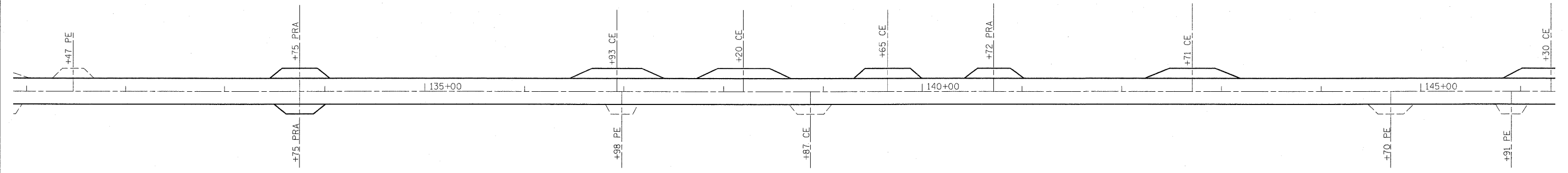
 HOT-MIX ASPHALT SURFACE
 REMOVAL, 2/4"



 MILLING TRANSITION
 2/4" TO 1/2"

 HOT-MIX ASPHALT SURFACE
 REMOVAL, 2/4"

| | | | | | | | | | | | | | |
|--|-----------------------------|------------|-----------|---|-------------------|---------------------------|-------------|--------------------|---------|----------|---------------------------|--------------|----|
| FILE NAME = | USER NAME = swartzrw | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN SHEET | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| c:\pw_work\pvidot\swartzrw\d0177935\d774448-sht-plan.dgn | | DRAWN - | REVISED - | | SCALE: 50 | SHEET NO. 10 OF 20 SHEETS | STA. 101+00 | TO STA. 131+00 | 328 | 104 RS-2 | WAYNE | 77 | 29 |
| | PLOT SCALE = 50.0000 "/ IN. | CHECKED - | REVISED - | | | | | CONTRACT NO. 74448 | | | ILLINOIS FED. AID PROJECT | | |
| | PLOT DATE = 12/27/2010 | DATE - | REVISED - | | | | | | | | | | |



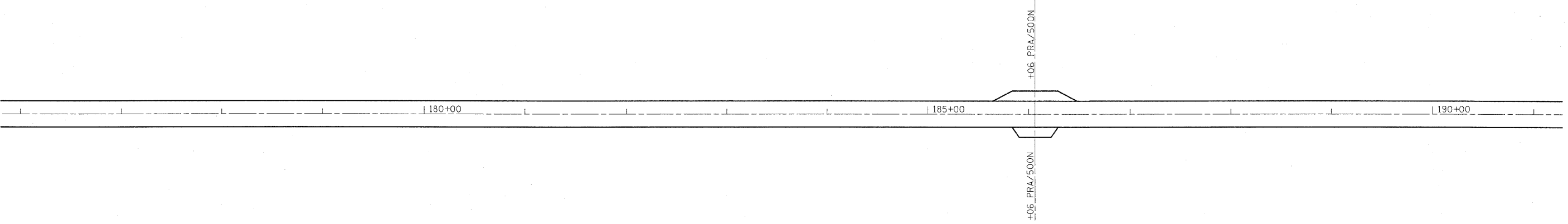
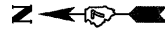
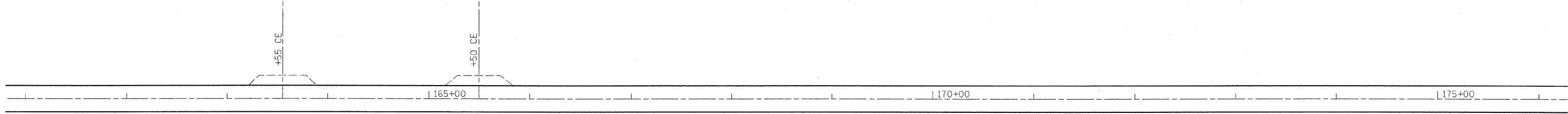
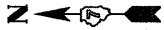
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| | PLOT SCALE = 50.0000' / IN. | CHECKED - | REVISED - |
| | PLOT DATE = 12/27/2010 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

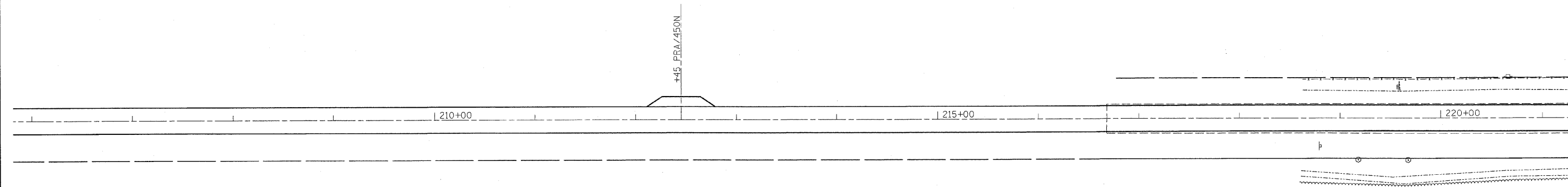
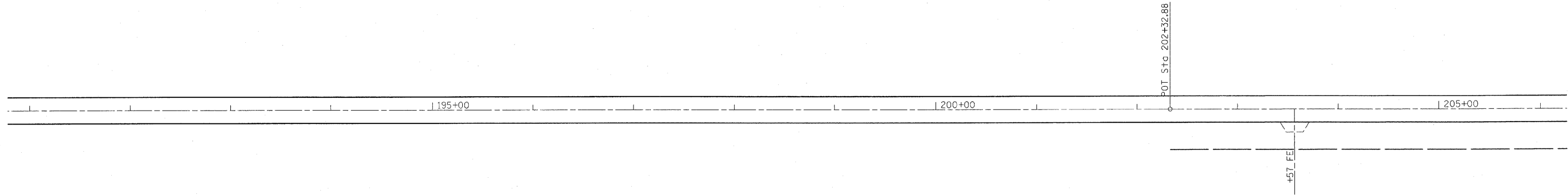
PLAN SHEET

SCALE: 50 SHEET NO. 11 OF 20 SHEETS STA. 131+00 TO STA. 161+00

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------|--------|--------------|-----------|
| 328 | 104 RS-2 | WAYNE | 77 | 30 |
| CONTRACT NO. 74448 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



| | | | | | | | | | | | | |
|--------------------------------------|------------------------------|------------|-----------|---|-------------------|---------------------------|-------------|----------------|---------------------------|--------------|-----------|-------|
| FILE NAME = | USER NAME = swartzw | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN SHEET | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| c:\pwork\pwork\swartzw\d0177935\d774 | 448-shr-plan.dgn | DRAWN - | REVISED - | | SCALE: 50 | SHEET NO. 12 OF 20 SHEETS | STA. 161+00 | TO STA. 191+00 | 328 | 104 RS-2 | WAYNE | 77 31 |
| | PLOT SCALE = 50.0000 ' / IN. | CHECKED - | REVISED - | | | | | | CONTRACT NO. 74448 | | | |
| | PLOT DATE = 12/27/2010 | DATE - | REVISED - | | | | | | ILLINOIS FED. AID PROJECT | | | |



| | | | |
|--|------------------------------|------------|-----------|
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| | PLOT SCALE = 50.0000 / / IN. | CHECKED - | REVISED - |
| | PLOT DATE = 12/27/2010 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

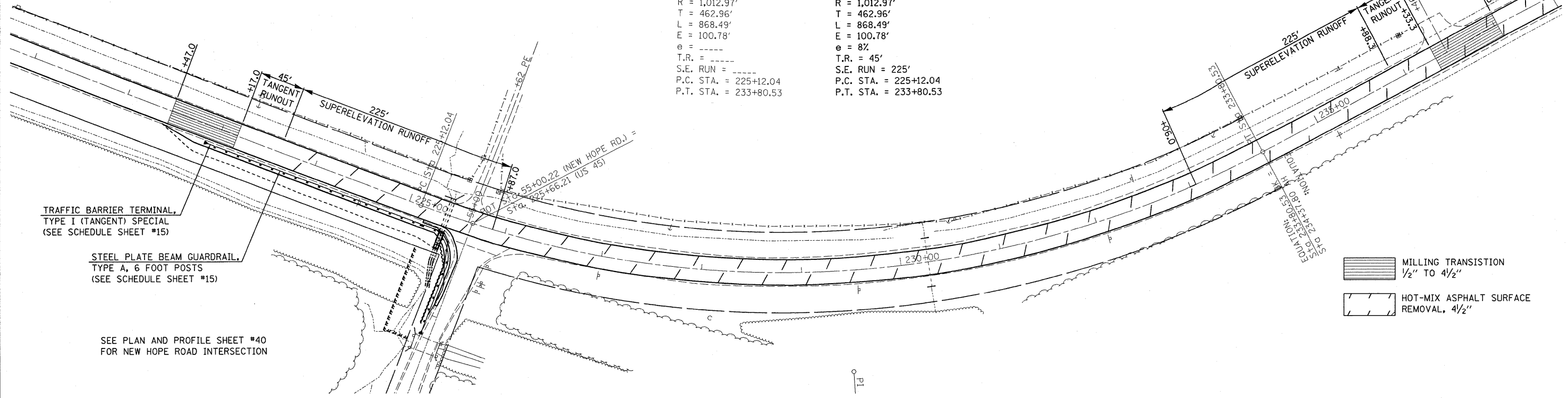
PLAN SHEET

SCALE: 50 SHEET NO. 13 OF 20 SHEETS STA. 191+00 TO STA. 221+00

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------|--------|---------------------------|-----------|
| 328 | 104 RS-2 | WAYNE | 77 | 32 |
| CONTRACT NO. 74448 | | | ILLINOIS FED. AID PROJECT | |

EXIST. CURVE C1
 PI STA. = 229+75.00
 $\Delta = 49^\circ 07' 25''$ (LT)
 D = 5° 39' 22"
 R = 1,012.97'
 T = 462.96'
 L = 868.49'
 E = 100.78'
 e = ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA. = 225+12.04
 P.T. STA. = 233+80.53

PROP. CURVE C1
 PI STA. = 229+75.00
 $\Delta = 49^\circ 07' 25''$ (LT)
 D = 5° 39' 22"
 R = 1,012.97'
 T = 462.96'
 L = 868.49'
 E = 100.78'
 e = 8%
 T.R. = 45'
 S.E. RUN = 225'
 P.C. STA. = 225+12.04
 P.T. STA. = 233+80.53



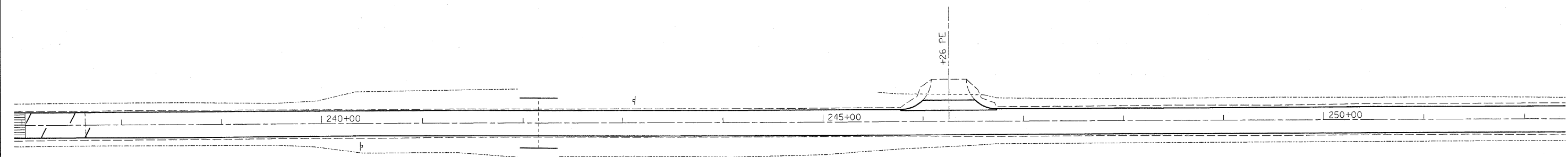
TRAFFIC BARRIER TERMINAL,
 TYPE I (TANGENT) SPECIAL
 (SEE SCHEDULE SHEET #15)

STEEL PLATE BEAM GUARDRAIL,
 TYPE A, 6 FOOT POSTS
 (SEE SCHEDULE SHEET #15)

SEE PLAN AND PROFILE SHEET #40
 FOR NEW HOPE ROAD INTERSECTION

MILLING TRANSITION
 1/2" TO 4 1/2"

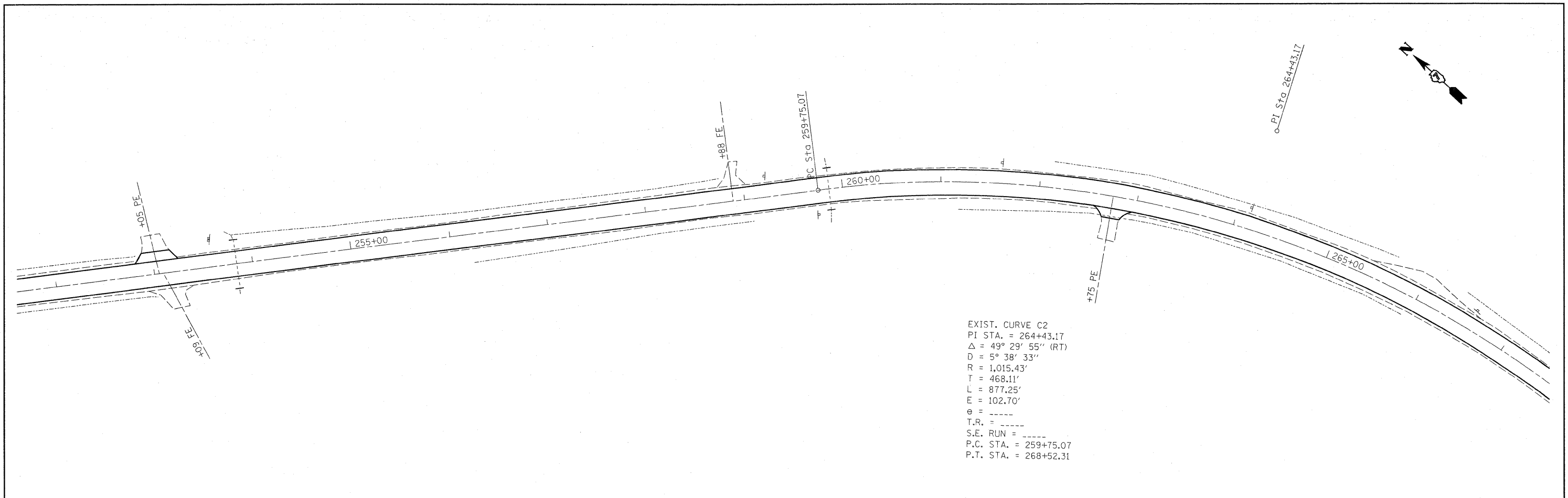
HOT-MIX ASPHALT SURFACE
 REMOVAL, 4 1/2"



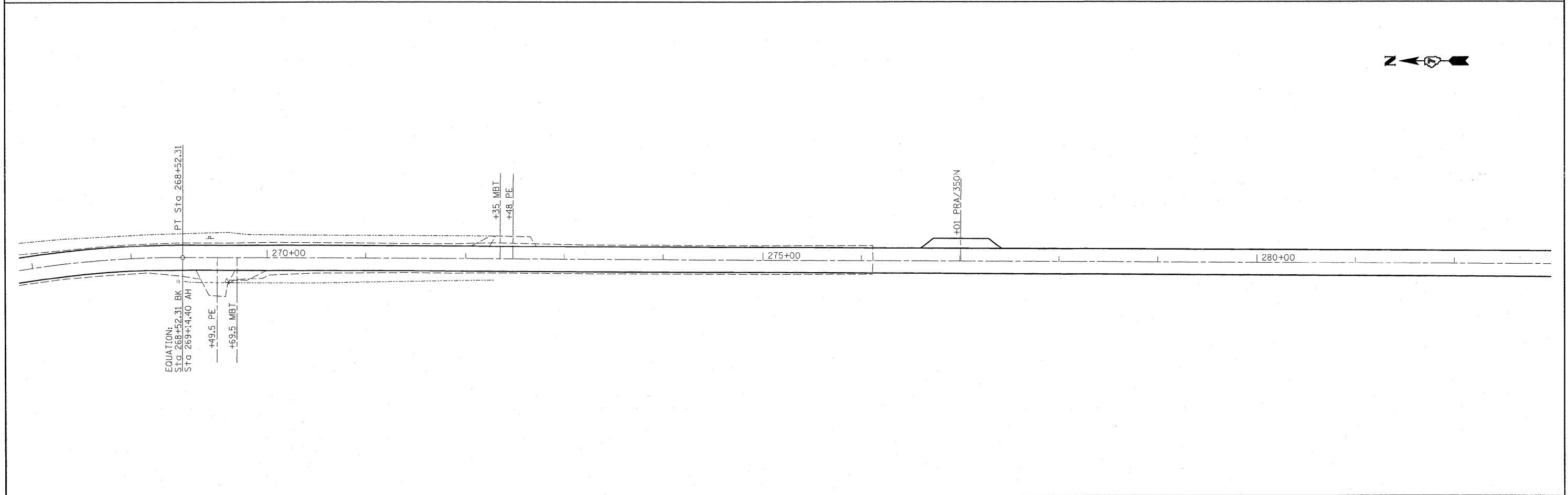
MILLING TRANSITION
 1/2" TO 4 1/2"

HOT-MIX ASPHALT SURFACE
 REMOVAL, 4 1/2"

| | | | | | | | | | | | |
|---|---------------------|------------|-----------|---|--------------------|---------------------------|----------------------------|---------------------------|--------|--------------|-----------|
| FILE NAME = | USER NAME = swartzw | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN SHEET | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| c:\pw\work\p\dot\swartzw\d8177935\d77448-sht-plan.dgn | 448-sht-plan.dgn | DRAWN - | REVISED - | | 328 | 104 RS-2 | WAYNE | 77 | 33 | | |
| PLOT SCALE = 50.0000' / IN. | | CHECKED - | REVISED - | | CONTRACT NO. 74448 | | | ILLINOIS FED. AID PROJECT | | | |
| PLOT DATE = 12/27/2010 | | DATE - | REVISED - | | SCALE: 50 | SHEET NO. 14 OF 20 SHEETS | STA. 221+00 TO STA. 252+00 | | | | |

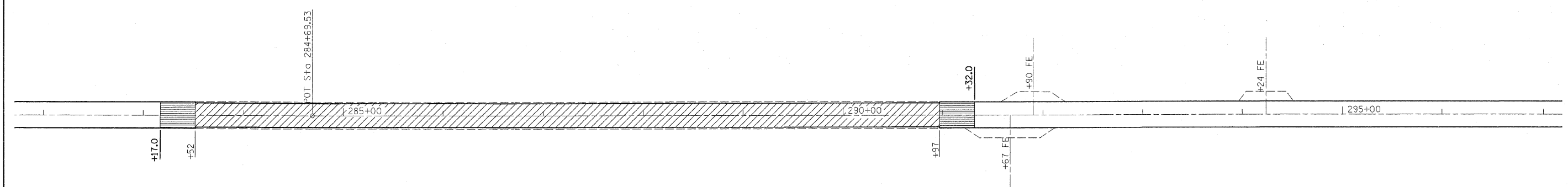



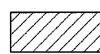
EXIST. CURVE C2
 PI STA. = 264+43.17
 Δ = 49° 29' 55" (RT)
 D = 5° 38' 33"
 R = 1,015.43'
 T = 468.11'
 L = 877.25'
 E = 102.70'
 θ = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 259+75.07
 P.T. STA. = 268+52.31

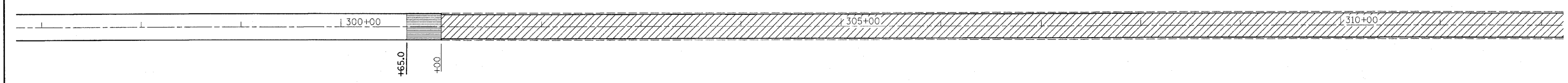



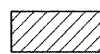
EQUATION:
 STA 268+52.31 BK =
 STA 269+14.40 AH

| | | | | | | | | | | | | |
|---|---------------------|------------|-----------|---|---------------------------|----------|---------------------------|---------|----------------------------|-----------------|--------------------|--|
| FILE NAME = | USER NAME = swartzw | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN SHEET | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| c:\pwork\pwork\swartzw\d0177935\d77448-sht-plan.dgn | | DRAWN - | REVISED - | | 328 | 104 RS-2 | WAYNE | 77 | 34 | | | |
| PLOT SCALE = 50.0000' / IN. | | CHECKED - | REVISED - | | SCALE: 50 | | SHEET NO. 15 OF 20 SHEETS | | STA. 252+00 TO STA. 282+00 | | CONTRACT NO. 74448 | |
| PLOT DATE = 12/27/2010 | | DATE - | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | |

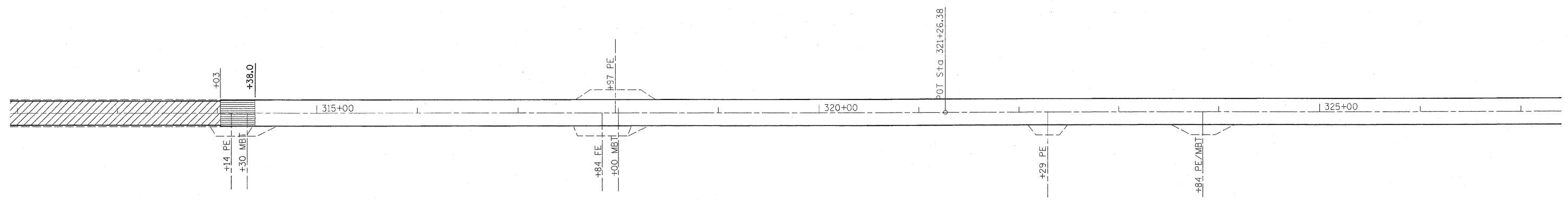




 MILLING TRANSITION
 1/2" TO 2/4"
 HOT-MIX ASPHALT SURFACE
 REMOVAL, 2/4"

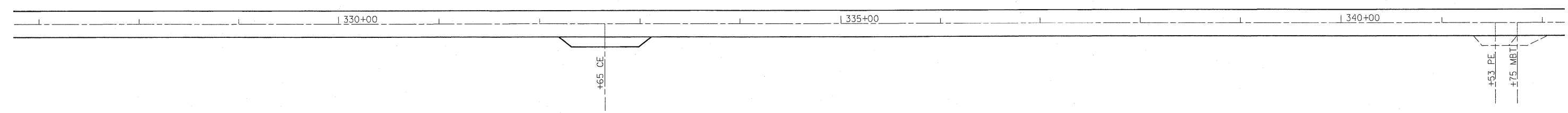


 MILLING TRANSITION
 2/4" TO 1/2"
 HOT-MIX ASPHALT SURFACE
 REMOVAL, 2/4"

| | | | | | | | | | | | | |
|--|----------------------|------------|-----------|---|---------------------------|----------|---------------------------|---------|----------------------------|-----------------|--------------------|--|
| FILE NAME = | USER NAME = swartzrw | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN SHEET | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| ca:\pw_work\pwidot\swartzrw\0177935\d77448-shit-plan.dgn | | DRAWN - | REVISED - | | 328 | 104 RS-2 | WAYNE | 77 | 35 | | | |
| PLOT SCALE = 50.0000' / IN. | | CHECKED - | REVISED - | | SCALE: 50 | | SHEET NO. 16 OF 20 SHEETS | | STA. 282+00 TO STA. 312+00 | | CONTRACT NO. 74448 | |
| PLOT DATE = 12/27/2010 | | DATE - | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | |



 MILLING TRANSITION
 2/4" TO 1/2"
 HOT-MIX ASPHALT SURFACE
 REMOVAL, 2/4"

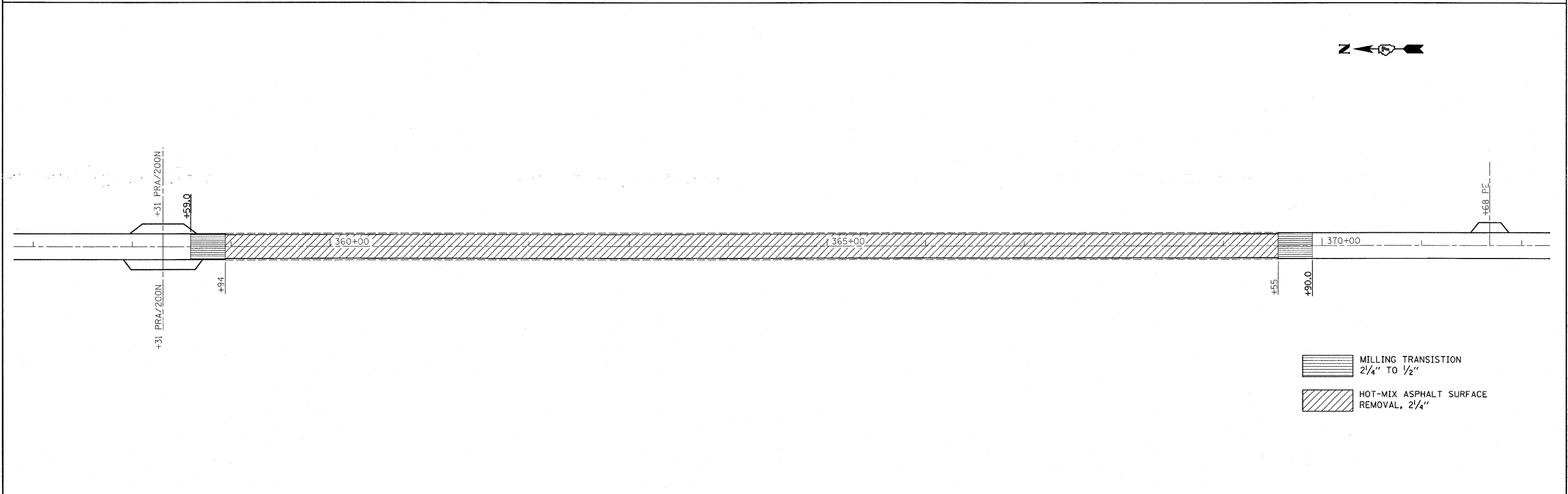
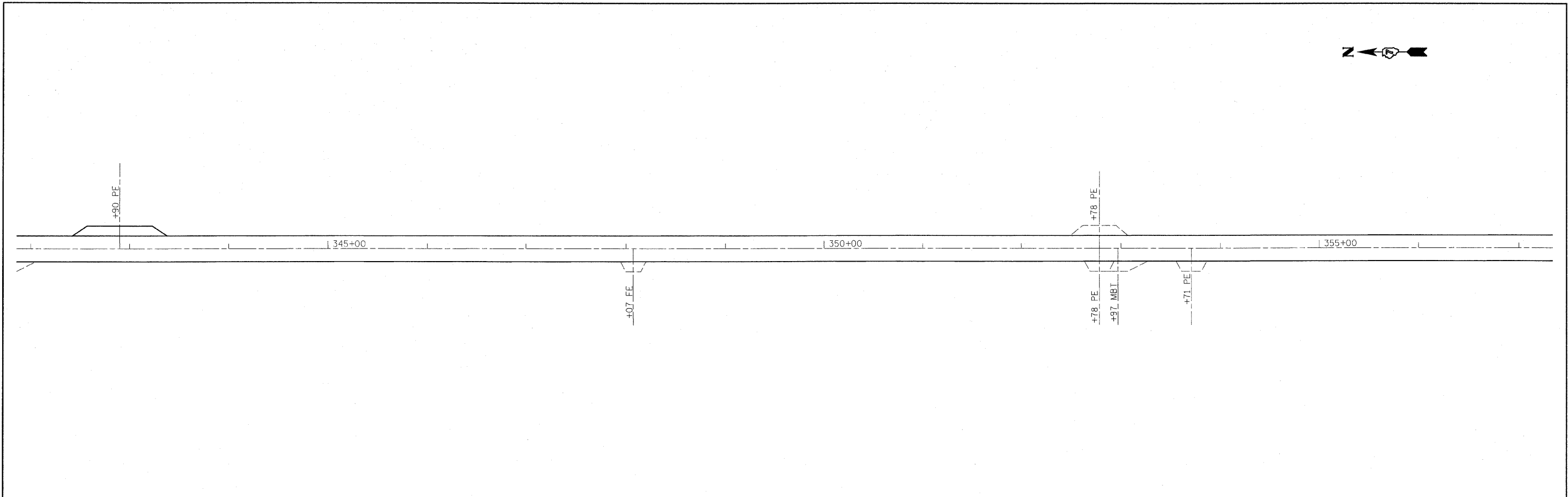


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| | PLOT DATE = 12/27/2010 | DATE - | REVISED - |

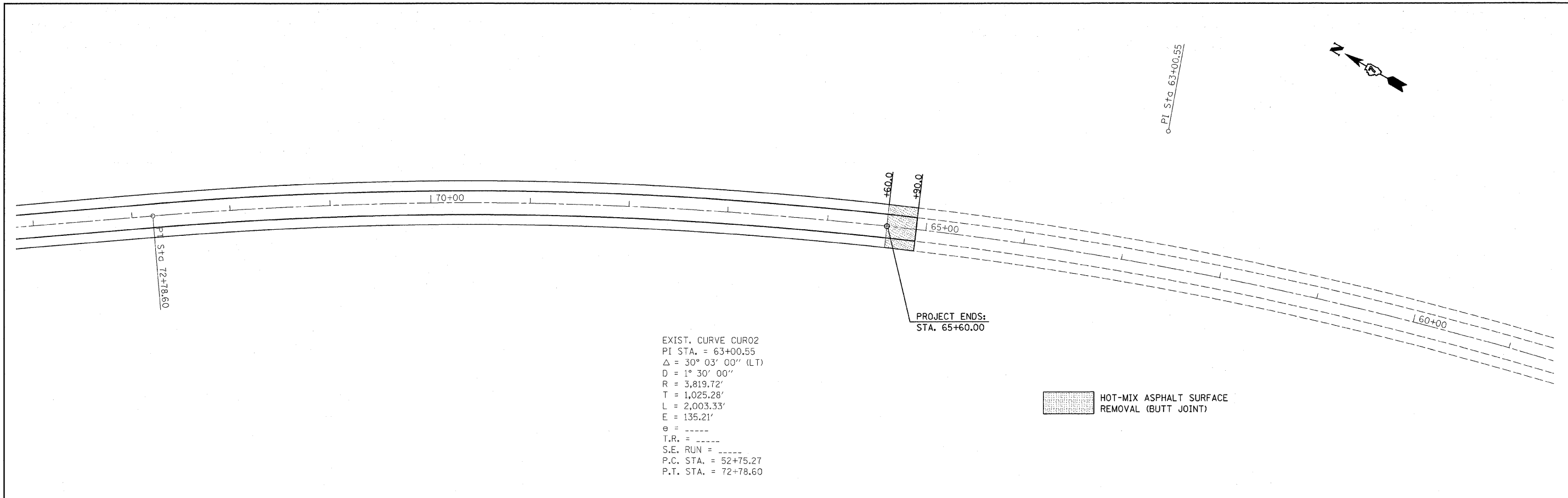
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
 SCALE: 50 SHEET NO. 17 OF 20 SHEETS STA. 312+00 TO STA. 342+00

| | | | | |
|---------------------------|----------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 328 | 104 RS-2 | WAYNE | 77 | 36 |
| CONTRACT NO. 74448 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



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|---|-----------------------------|------------|-----------|---|-------------------|---------------------------|----------------------------|---------------------------|-----------------|--------------------|-----------------|--|
| FILE NAME = e:\pwork\pvidot\swartzw\d0177935\d77448-shr-plan.dgn | USER NAME = swartzw | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN SHEET | | F.A.P. RTE. 328 | SECTION 104 RS-2 | COUNTY WAYNE | TOTAL SHEETS 77 | SHEET NO. 37 | |
| | PLOT SCALE = 58.0000' / IN. | CHECKED - | REVISED - | | SCALE: 50 | SHEET NO. 18 OF 20 SHEETS | STA. 342+00 TO STA. 372+00 | ILLINOIS FED. AID PROJECT | | | | |
| | PLOT DATE = 12/27/2010 | DATE - | REVISED - | | | | | | | | | |
| CONTRACT NO. 74448 | | | | | | | | | | | | |



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|--|---------------------|------------|-----------|---|---------------------------|---------------------------|----------------|---------------|--------|-----------------|--------------|-------|
| FILE NAME = | USER NAME = swartzw | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN SHEET | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| c:\pw\work\p\dot\swartzw\d0177935\vd77448-sht-plan.dgn | | DRAWN - | REVISED - | | SCALE: 50 | SHEET NO. 20 OF 20 SHEETS | STA. 74+00 | TO STA. 65+90 | 328 | 104 RS-2 | WAYNE | 77 39 |
| | | CHECKED - | REVISED - | | CONTRACT NO. 74448 | | | | | | | |
| | | DATE - | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | |

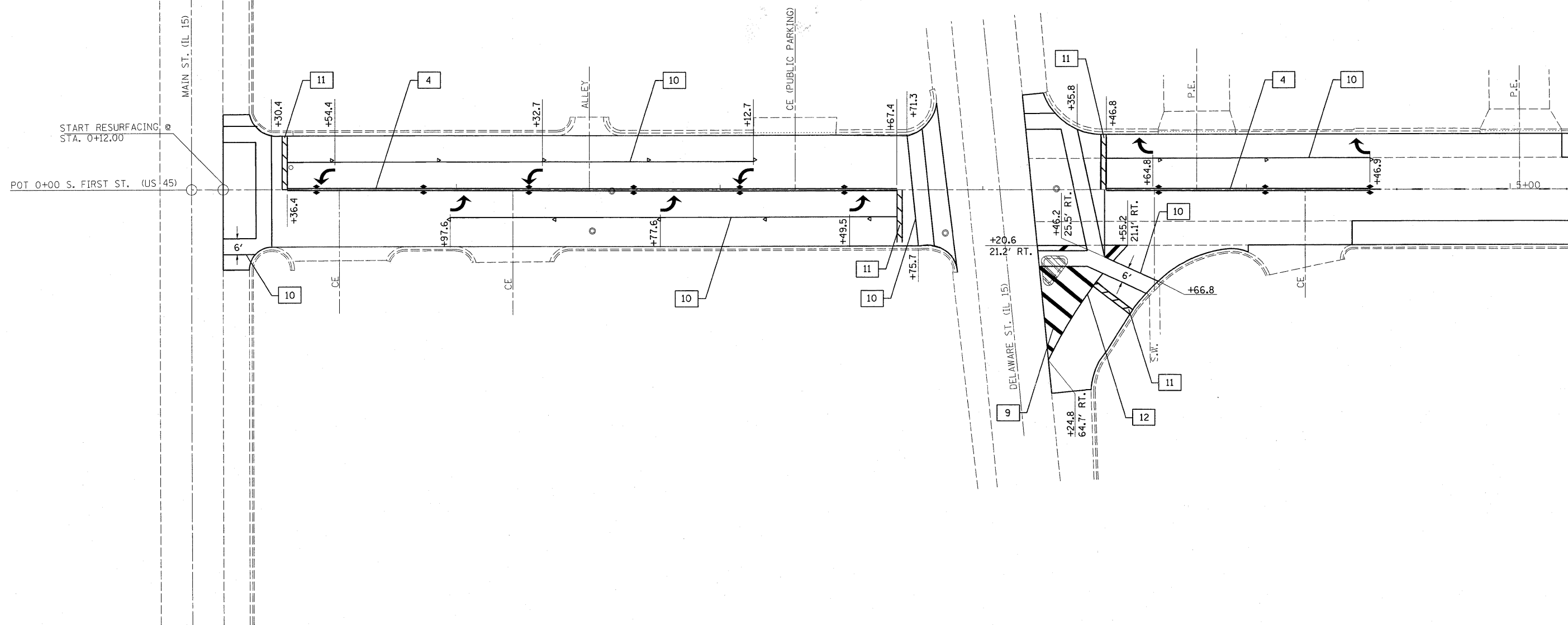


PAVEMENT MARKING LEGEND

- | | |
|-----------------------------------|--|
| 1 4" (100) SKIP-DASH (YELLOW) | 8 4" (100) SOLID (WHITE) |
| 2 4" (100) SOLID (YELLOW) | 9 12" (300) DIAGONAL (WHITE) |
| 3 12" (300) DIAGONAL (YELLOW) | 10 6" (150) SOLID (WHITE) |
| 4 4" (100) DOUBLE YELLOW (NARROW) | 11 24" (600) STOP BAR (WHITE) |
| 5 RESERVED | 12 8" (200) SOLID (WHITE) |
| 6 RESERVED | 13 6" (150) LANE LINE EXTENSIONS (WHITE) |
| 7 6" (100) SKIP-DASH (WHITE) | |

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

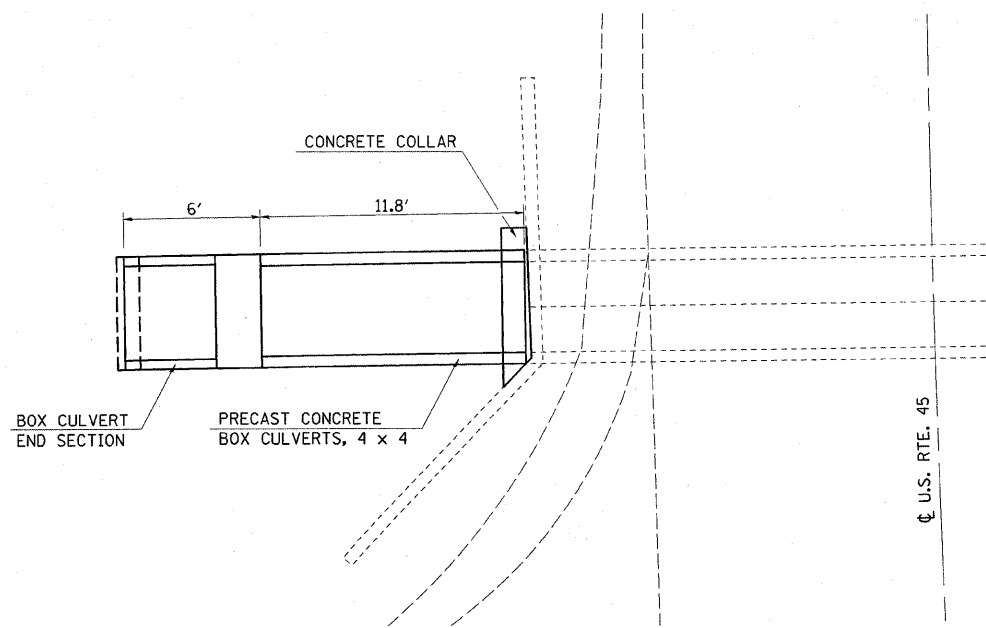


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| | | CHECKED - | REVISED - |
| | | DATE - | REVISED - |
| | | | |

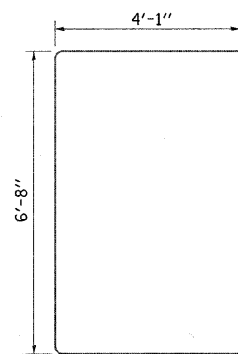
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|------------------------|-------------------------|-----------|--------------|
| STRIPING DETAIL | | | |
| SCALE: 20 | SHEET NO. 1 OF 1 SHEETS | STA. 0+00 | TO STA. 5+00 |

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------|--------|--------------|-----------|
| 328 | 104 RS-4 | WAYNE | 77 | 41 |
| CONTRACT NO. 74448 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



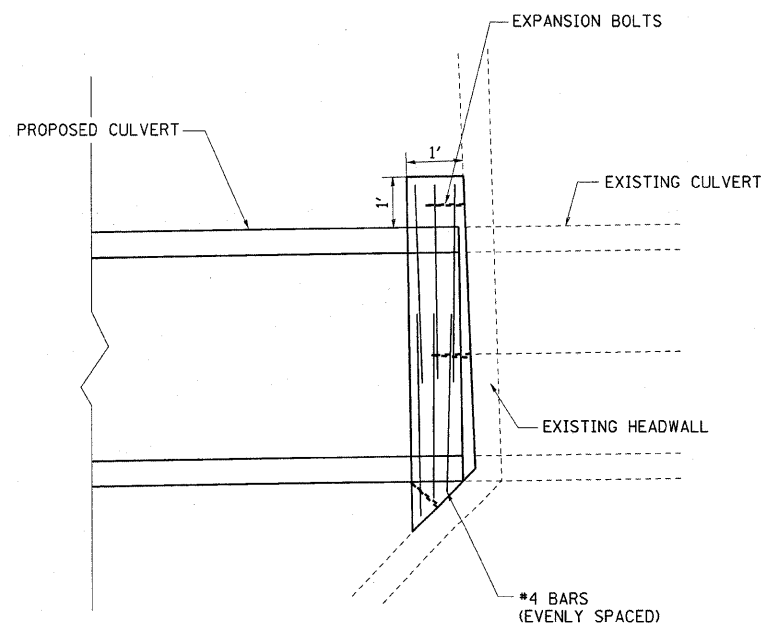
CULVERT PLAN VIEW



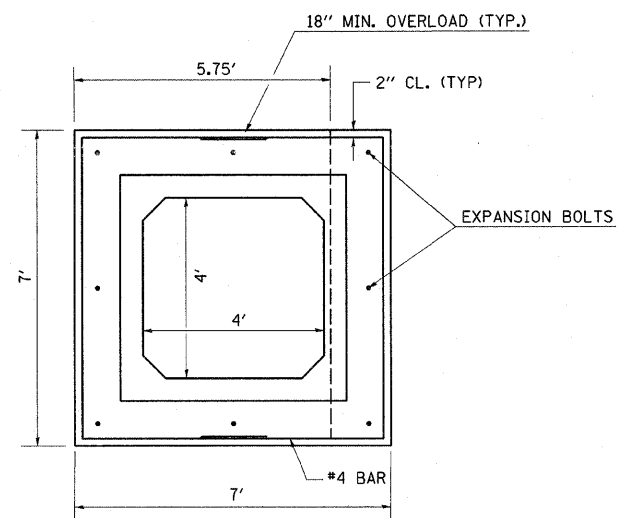
BAR DETAIL

BILL OF MATERIALS

| | |
|---------------------------|-------------|
| PRECAST BOX CULVERT, 4 X4 | 11.8 FOOT |
| PRECAST END SECTION | 1.0 EACH |
| EXPANSION BOLTS, 3/4" | 7.0 EACH |
| CONCRETE COLLAR | 0.8 CU. YD. |
| REINFORCEMENT BARS | 60 LBS. |

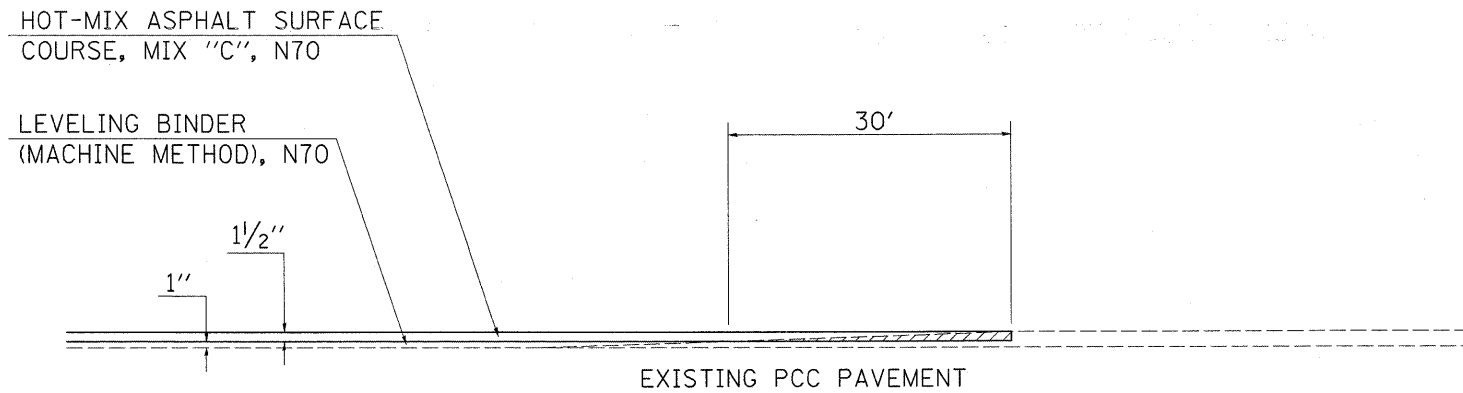
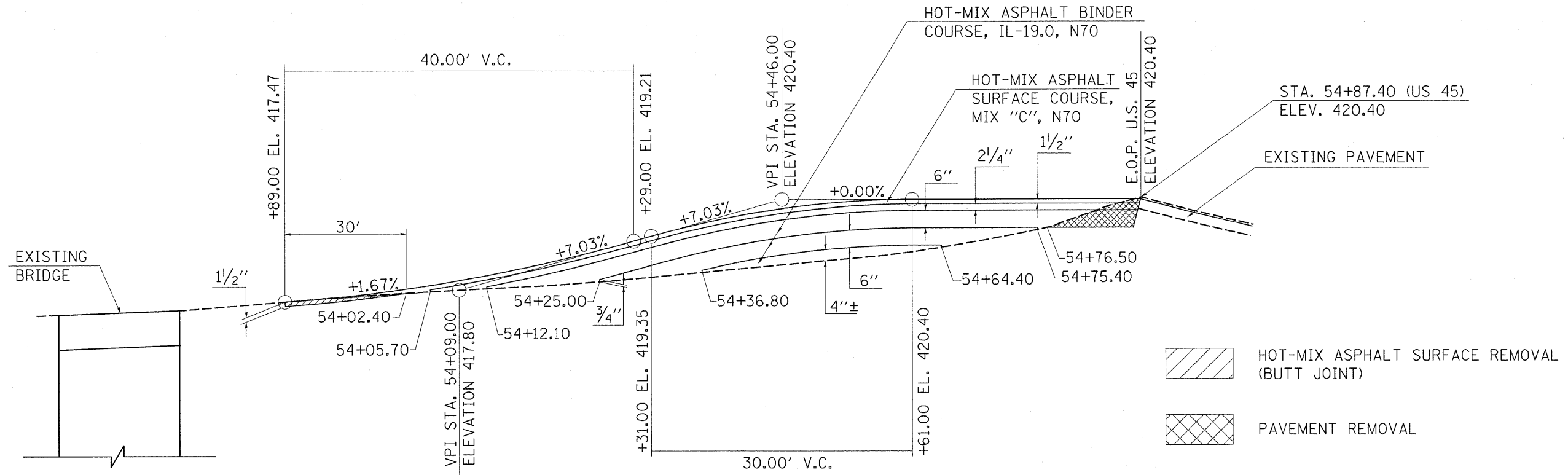


COLLAR PLAN VIEW



CULVERT & COLLAR END SECTION

PROFILE IMPROVEMENT DETAIL
STA. 53+89 TO STA. 54+87.40
(NEW HOPE ROAD)

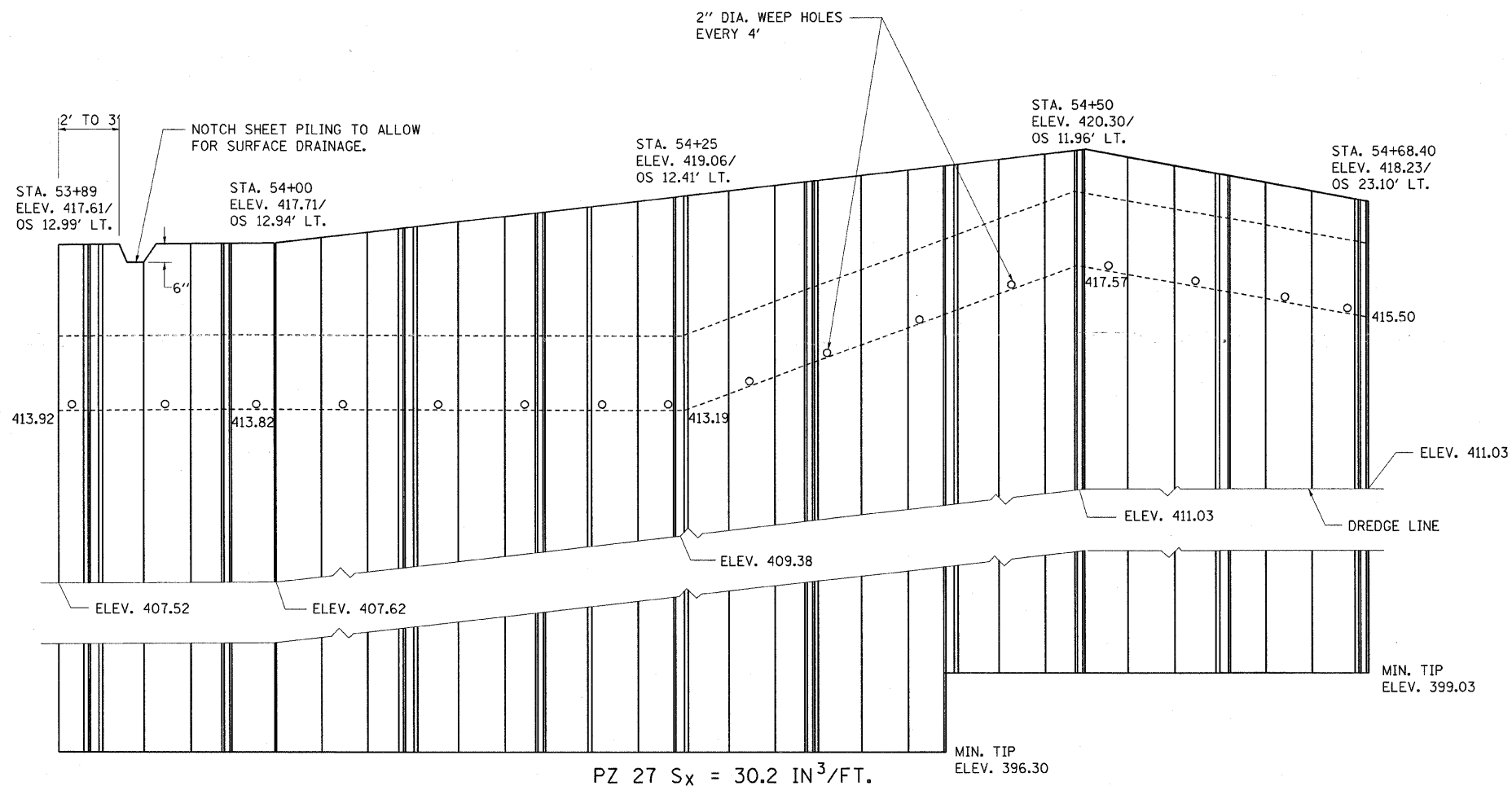
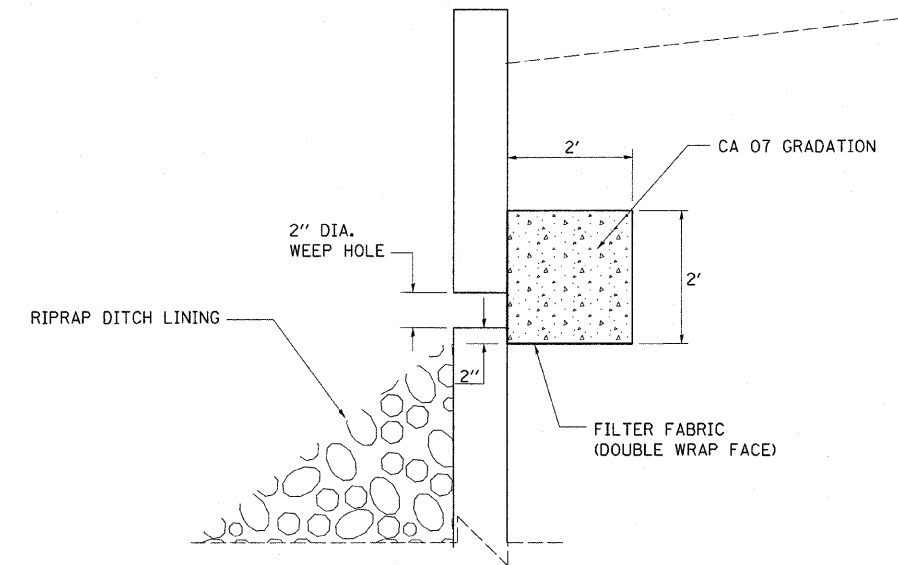
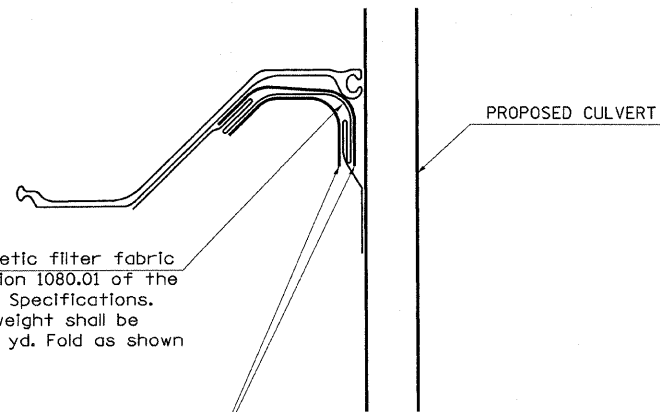


BUTT JOINT DETAIL
STA. 65+10 TO STA. 65+40
(U. S. 45)

| | | | | | | | | | | | | |
|---|-----------------------------|------------|-----------|---|---|--|--|--------------------|----------|--------|--------------|-----------|
| FILE NAME = | USER NAME = swartzw | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PROFILE IMPROVEMENT NEW HOPE BUTT JOINT DETAIL (U.S. 45) | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| os:\pwork\pwork\swartzw\d0177935\d77448-aht-details.dgn | PLOT SCALE = 20.0000' / IN. | DRAWN - | REVISED - | | | | | 328 | 104 RS-4 | WAYNE | 77 | 43 |
| PLOT DATE = 12/27/2010 | DATE - | CHECKED - | REVISED - | | SCALE: NA SHEET NO. 2 OF 8 SHEETS STA. TO STA. | | | CONTRACT NO. 74448 | | | | |
| | | | | | ILLINOIS FED. AID PROJECT | | | | | | | |

Geosynthetic filter fabric per Section 1080.01 of the Standard Specifications. Minimum weight shall be 4 oz./sq. yd. Fold as shown

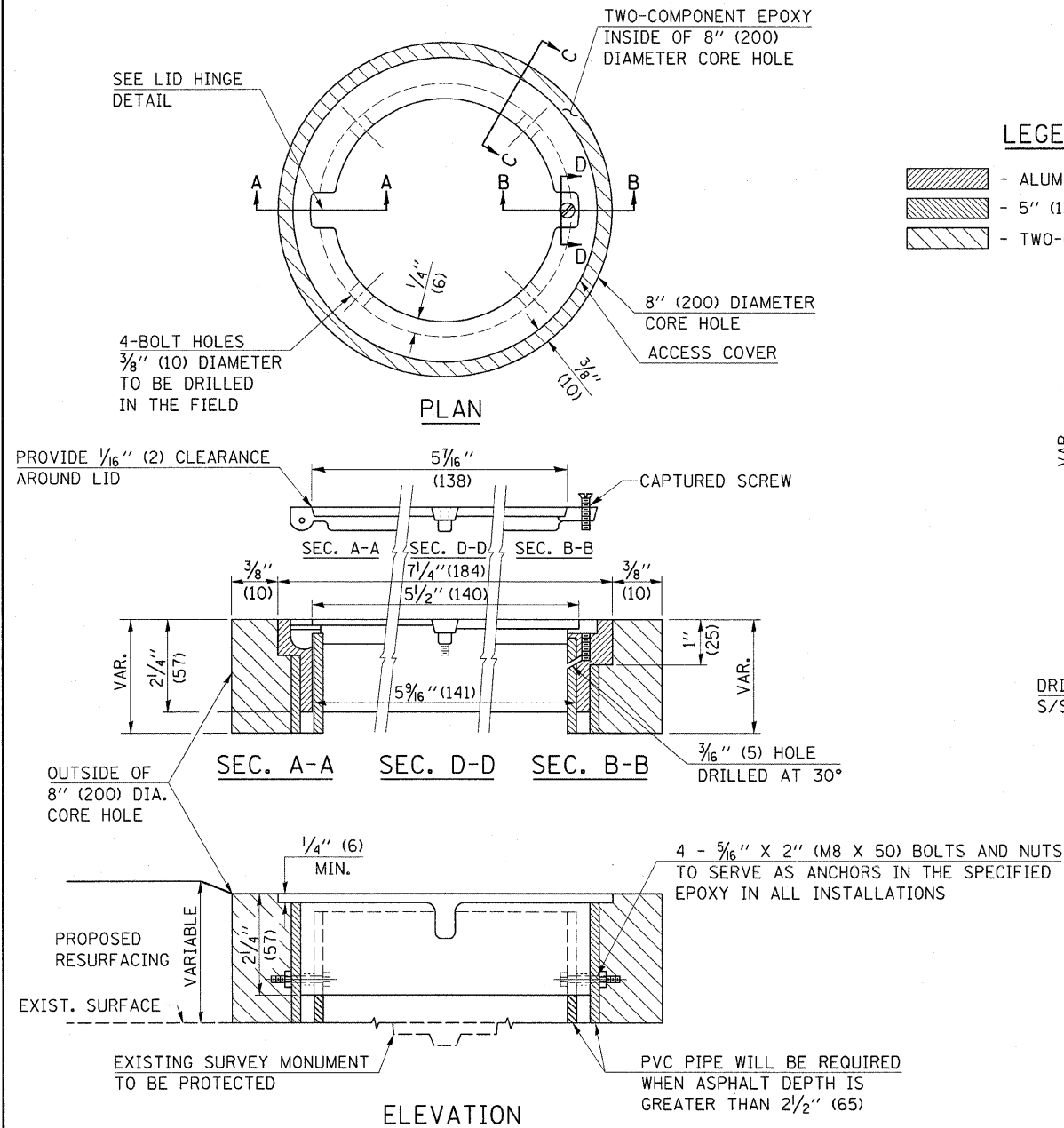
1/4" x 12" WIRE FABRIC REINFORCED ELASTOMERIC MAT PER SECTION 1028 OF THE STANDARD SPECIFICATIONS






| BILL OF MATERIALS | | |
|------------------------------|--------|----------|
| ITEM | UNIT | QUANTITY |
| PERMANENT STEEL SHEET PILING | SQ.FT. | 1684 |
| | | |
| | | |
| | | |

THE COST OF THE ELASTOMERIC MAT, FILTER FABRIC AND CAST FOR WALL DRAIN SHALL BE INCLUDED IN THE COST OF THE PERMANENT STEEL SHEET PILING.

TO BE INSTALLED IN ALL PAVEMENT TYPES FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S) AND LAND SURVEY MONUMENTS (SECTION OR SUBSECTION CORNERS)



LEGEND

-  - ALUMINUM CASTING
-  - 5" (125) OR 6" (150) P.V.C. PIPE
-  - TWO-COMPONENT EPOXY

SPECIFICATIONS FOR ACCESS COVER FOR USE WITH SURVEY MARKER VAULT(S) AND SURVEY MARKER COVER ASSEMBLY(S): THE ACCESS COVER WILL BE CAST FROM A SPECIAL ALUMINUM ALLOY THAT IS COMPARABLE TO BRONZE IN HARDNESS. THE ACCESS COVER SHALL BE SPECIALLY ENGINEERED AND DESIGNED TO PROVIDE A SNUG FIT, INCORPORATING EQUIDISTANT LOCKING RIDGES, INSIDE A STANDARD 6" (150 mm) DIAMETER, OR OUTSIDE A STANDARD 5" (125 mm) DIAMETER, SCHEDULE 40 PVC PIPE. THE ACCESS COVER SHALL HAVE SPECIAL UNIFORM 1" (25 mm) THICK TOP SURFACE TO PERMIT INFORMATION TO BE EASILY MACHINE-STAMPED INTO IT. THE ACCESS COVER SHALL INCLUDE A STAINLESS CAPTURED SCREW AND AN OPPOSING RECESSED HINGE ASSEMBLY AS ITS LOCKING MECHANISM. THE ACCESS COVER SHALL INCORPORATE A SPECIAL ACCESS HOLE FOR CLEANING AND DRAINAGE, DRILLED AT 30° INSIDE THE RING OF THE ACCESS COVER, TO THE DRILLED AND TAPPED HOLE PROVIDED FOR THE STAINLESS CAPTURED SCREW. COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%. STRENGTH: YIELD - 19,000-21,000 PSI (131-145 MPa); TENSILE - 38,000-44,000 PSI (262-303 MPa); ELONGATION - 10-15% IN 2" (50 mm). SPECIFICATIONS: ALLOY 535.0; QQ-A-601Es. NO EXCEPTIONS.

| BILL OF MATERIAL | |
|---|--|
| ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS, | |
| 4 EACH - 5/16" X 2" (M8 X 50) BOLTS WITH NUTS, EPOXY, | |
| 5" OR 6" (125 mm OR 150 mm) DIAMETER P.V.C. PIPE, SCHEDULE 40 (WHEN REQUIRED). | |

GENERAL NOTES

1. WORK SHALL NOT START ON THIS ITEM UNTIL THE FINAL LIFT OF SURFACE HAS BEEN COMPLETED.
2. THE SURVEY MONUMENT COVER ASSEMBLY SHALL BE CENTERED ABOVE THE SURVEY MONUMENT TO BE PROTECTED.
3. MODIFICATION OF THE ALUMINUM CASTING SHALL BE DONE BY GRINDING OR SAWING WHEN HEIGHT REDUCTION IS REQUIRED.
4. ALL SURVEY MONUMENT COVER ASSEMBLIES SHALL BE PLACED 1/4" (6 mm) ± BELOW THE FINAL SURFACE.
5. ALUMINUM CASTING SHALL BE PLACED OVER A 5" (125 mm) P.V.C. PIPE OR INSIDE OF A 6" (150 mm) P.V.C. PIPE WHEN AN INCREASE IN HEIGHT IS REQUIRED.
6. THE CASTING SHALL BE ANCHORED IN THE 8" (200 mm) DIAMETER CORE HOLE WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
7. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR SURVEY MONUMENT COVER ASSEMBLY WHICH PRICE SHALL INCLUDE ALL LABOR AND MATERIAL AS SPECIFIED INCLUDING CORING THE NEW PAVEMENT SURFACE AND EPOXY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
8. THE 8" (200 mm) DIAMETER CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

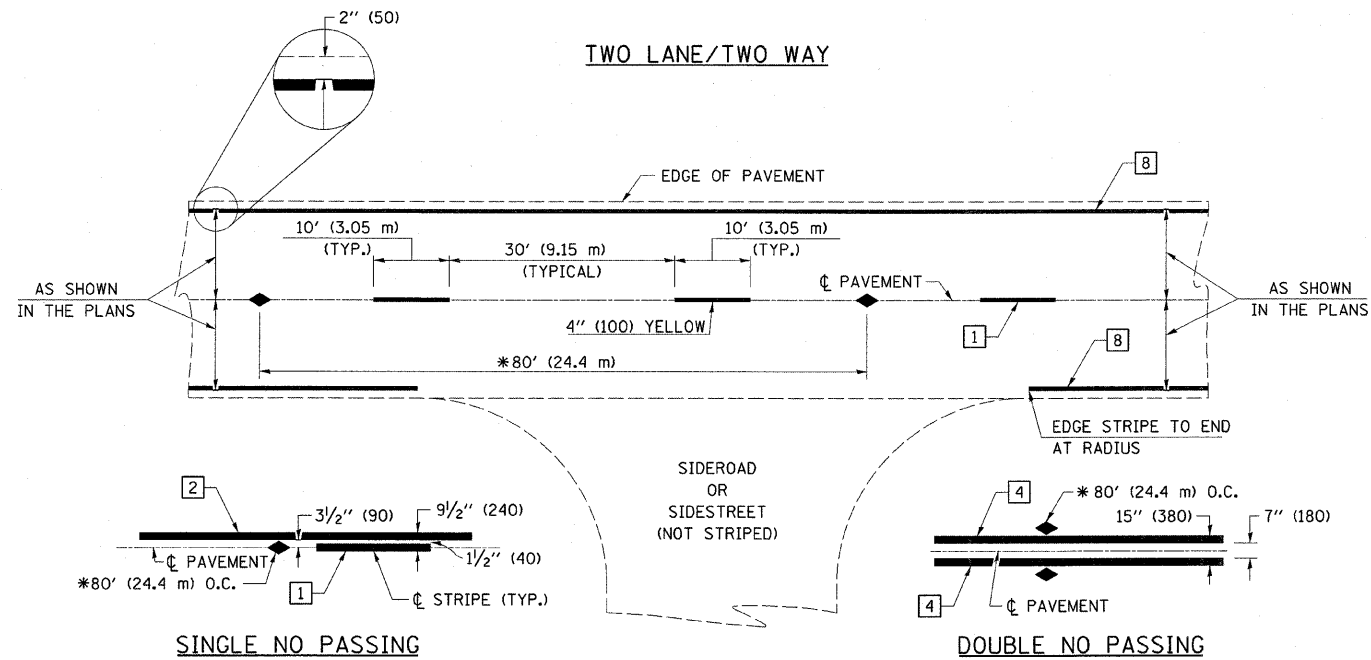
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| PLOT SCALE = 20.0000 ' / IN. | | CHECKED - | REVISED - |
| PLOT DATE = 12/27/2010 | | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SURVEY MONUMENT COVER ASSEMBLY

SCALE: NA SHEET NO. 4 OF 8 SHEETS STA. TO STA.

| DISTRICT 7 DETAIL NO. Z0070100 | | | | |
|---|----------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 328 | 104 RS-4 | WAYNE | 77 | 45 |
| CONTRACT NO. 74448 | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |



* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

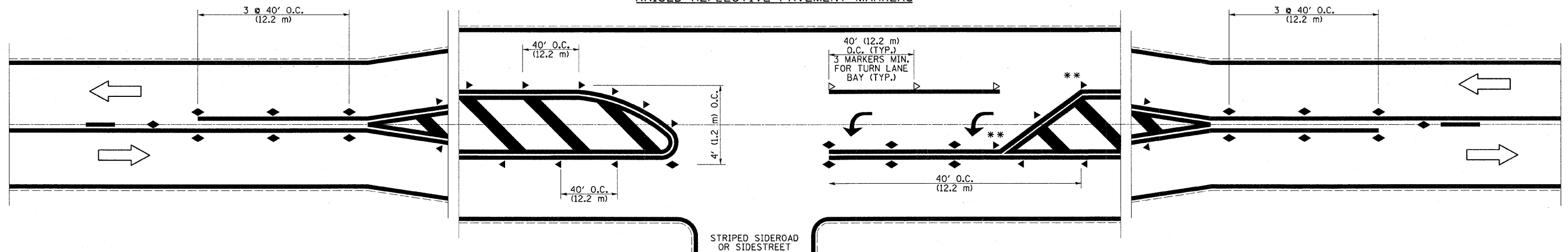
PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 6" (100) LANE LINE EXTENSIONS
- 14 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

RAISED REFLECTIVE PAVEMENT MARKERS



** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

NOT TO SCALE
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 7800001

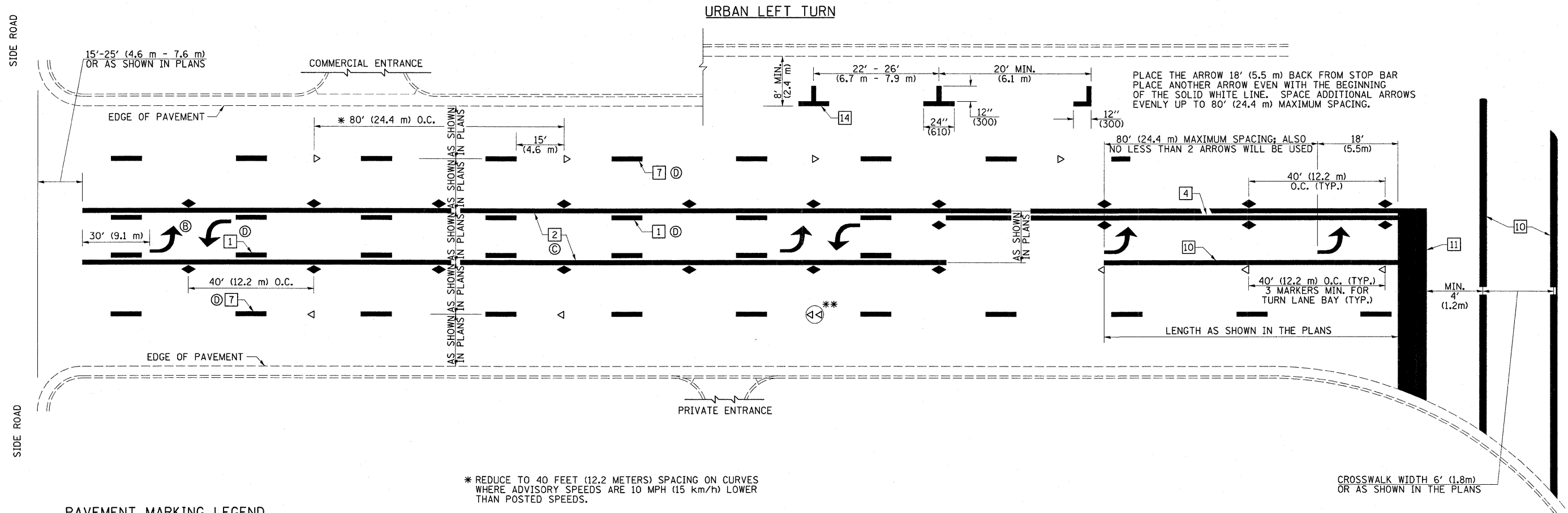
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| | PLOT SCALE = 50.0000 / IN. | CHECKED - | REVISED - |
| | PLOT DATE = 12/27/2010 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

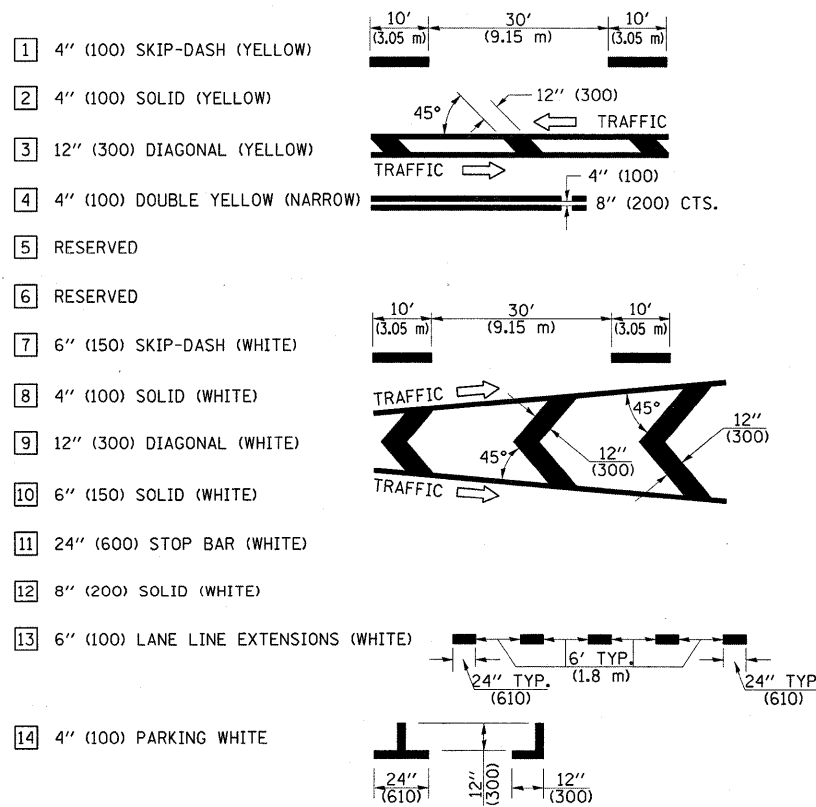
**PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL & URBAN APPLICATIONS)**

SCALE: SHEET NO. 5 OF 8 SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------|--------|---------------------------|-----------|
| 328 | 104 RS-4 | WAYNE | 77 | 46 |
| CONTRACT NO. 74448 | | | ILLINOIS FED. AID PROJECT | |



PAVEMENT MARKING LEGEND

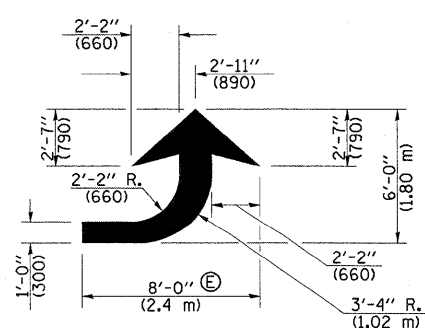
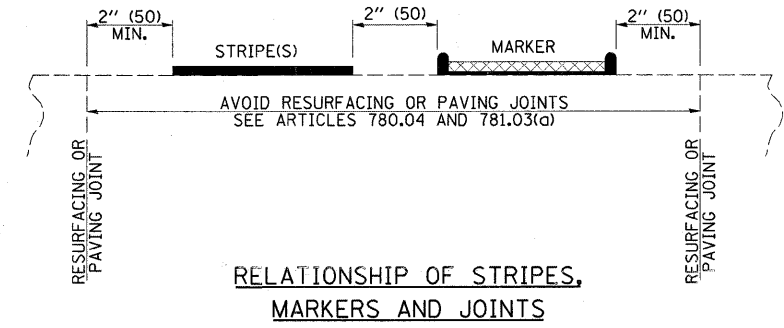


* REDUCE TO 40 FEET (12.2 METERS) SPACING ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

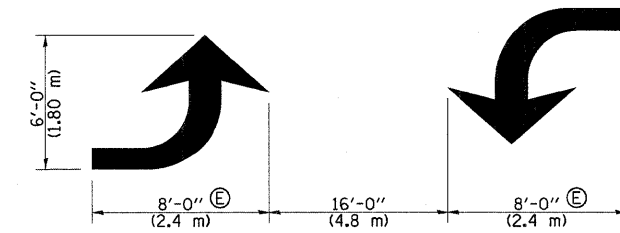
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

GENERAL NOTES

- (B) TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
- (C) THE SOLID YELLOW PAVEMENT MARKINGS (2) SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
- (D) THE SKIP-DASH PAVEMENT MARKINGS (1) OR (7) SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER.
- (E) USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780X FOR SYMBOLS TABLE)



LEFT ARROW
REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m²)
(WHITE)



TYPICAL DOUBLE TURN ARROWS (WHITE)

NOT TO SCALE
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

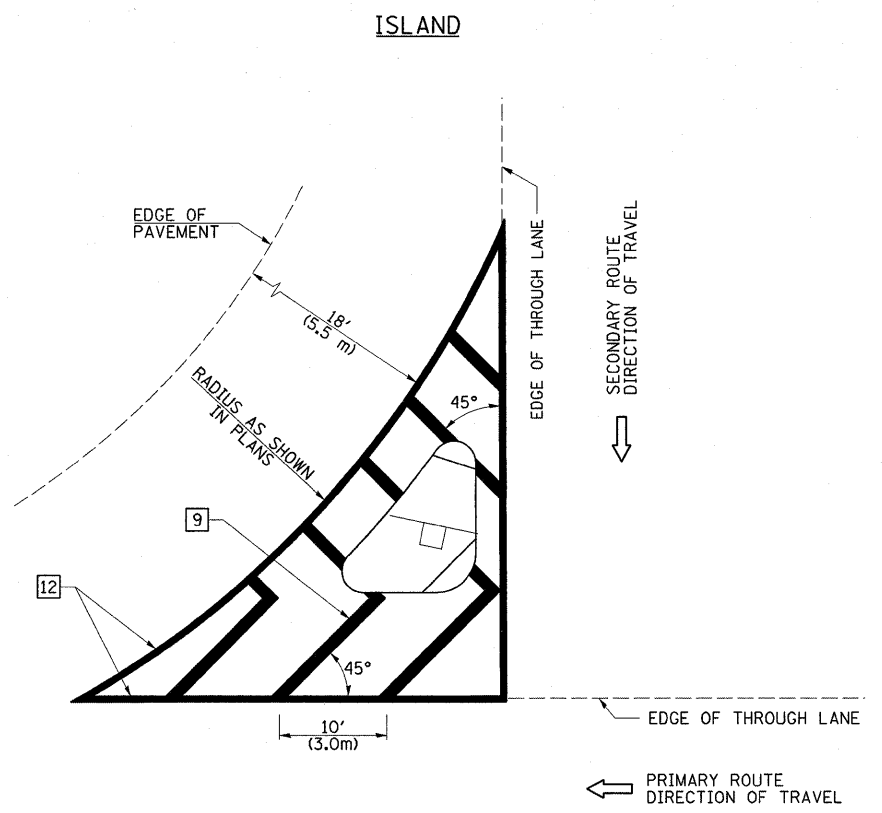
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| PLOT SCALE = 50.0000' / IN. | | CHECKED - | REVISED - |
| PLOT DATE = 12/27/2010 | | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL & URBAN APPLICATIONS)**

SCALE: SHEET NO. 6 OF 8 SHEETS STA. TO STA.

| | | | | |
|--------------------------------------|------------------|--------------|-----------------|--------------|
| DISTRICT 7 DETAIL NO. 7800001 | | | | |
| F.A.P. RTE. 328 | SECTION 104 RS-4 | COUNTY WAYNE | TOTAL SHEETS 77 | SHEET NO. 47 |
| CONTRACT NO. 74448 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



GENERAL NOTES

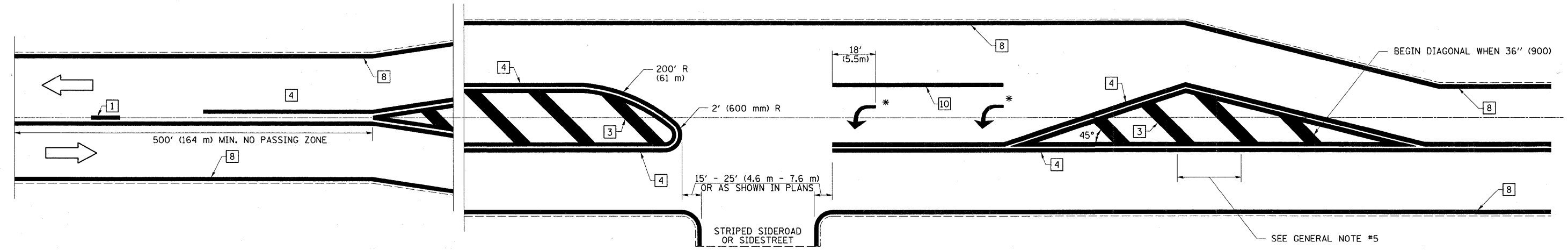
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
5. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING:

| | |
|------------------------|-------------|
| < 30 MPH (< 50 km/h) | 15' (4.5 m) |
| 30-45 MPH (50-75 km/h) | 20' (6.0 m) |
| > 45 MPH (> 75 km/h) | 30' (9.0 m) |

PAVEMENT MARKING LEGEND

- | | |
|-------------------------------------|--|
| [1] 4" (100) SKIP-DASH (YELLOW) | |
| [2] 4" (100) SOLID (YELLOW) | |
| [3] 12" (300) DIAGONAL (YELLOW) | |
| [4] 4" (100) DOUBLE YELLOW (NARROW) | |
| [5] RESERVED | |
| [6] RESERVED | |
| [7] 6" (150) SKIP-DASH (WHITE) | |
| [8] 4" (100) SOLID (WHITE) | |
| [9] 12" (300) DIAGONAL (WHITE) | |
| [10] 6" (150) SOLID (WHITE) | |
| [11] 24" (600) STOP BAR (WHITE) | |
| [12] 8" (200) SOLID (WHITE) | |
| [13] 6" (100) LANE LINE EXTENSIONS | |
| [14] 4" (100) PARKING WHITE | |

RURAL LEFT TURN STRIPING



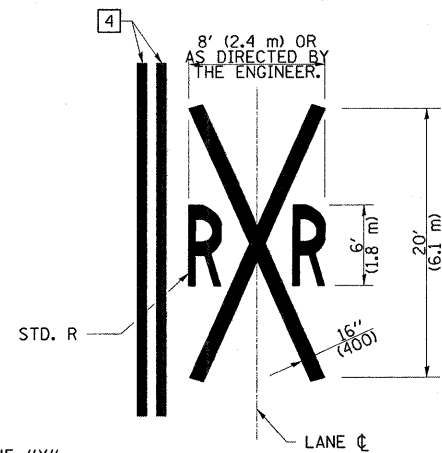
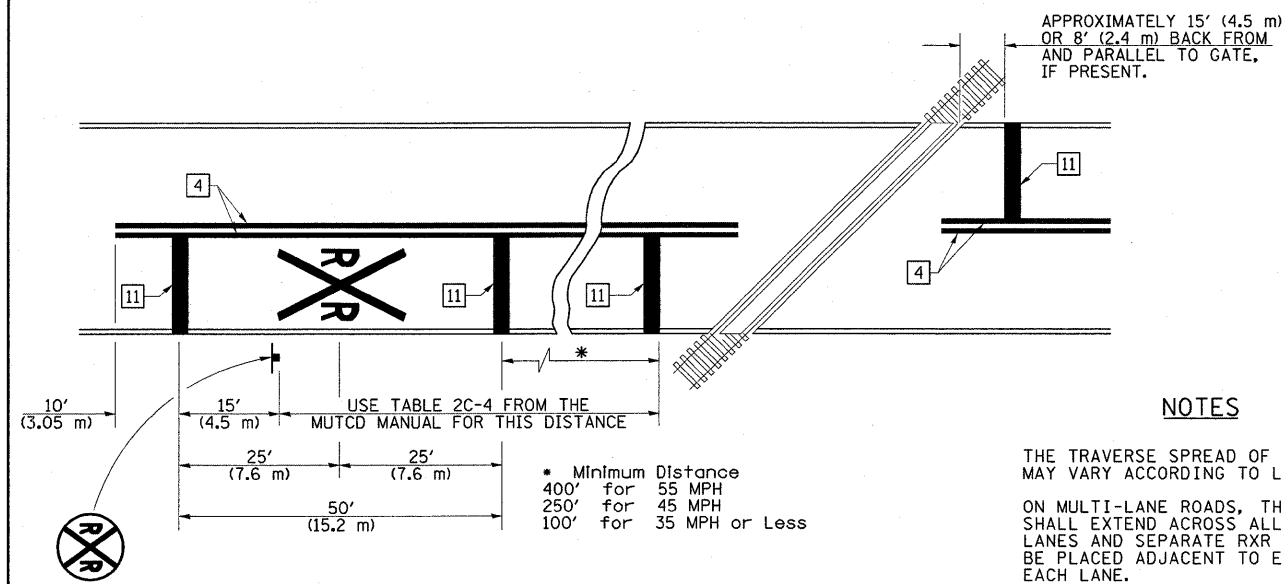
* PLACE AN ARROW 18' (5.5 m) BACK FROM STOP BAR. PLACE ANOTHER ARROW EVEN WITH THE BEGINNING OF THE SOLID WHITE LINE. SPACE ADDITIONAL ARROWS EVENLY UP TO 80' (24.4 m) MAXIMUM SPACING. USE MINIMUM OF 2 ARROWS.

NOT TO SCALE
 Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 7800001

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|---|--|------------|-----------|---|---|---|------------------|--------------|-----------------|--------------|--|
| FILE NAME = | USER NAME = swartzw | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS) | F.A.P. RTE. 328 | SECTION 104 RS-4 | COUNTY WAYNE | TOTAL SHEETS 77 | SHEET NO. 48 | |
| ci:\pw\work\p\dot\swartzw\d0177935\d77448-sht-details.dgn | PLOT SCALE = 50.0000 "/td> <td>DRAWN -</td> <td>REVISED -</td> <td colspan="6" style="text-align: center;">CONTRACT NO. 74448</td> | DRAWN - | REVISED - | | | CONTRACT NO. 74448 | | | | | |
| PLOT DATE = 12/27/2010 | DATE - | CHECKED - | REVISED - | | | ILLINOIS FED. AID PROJECT | | | | | |
| | | | | | | SCALE: SHEET NO. 7 OF 8 SHEETS STA. TO STA. | | | | | |

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



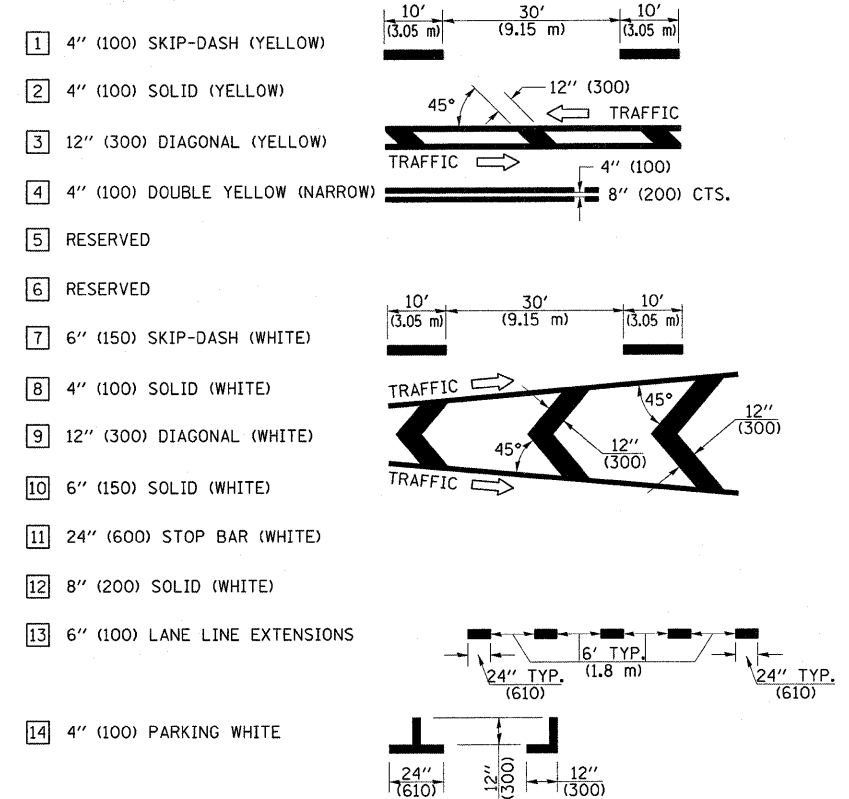
NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

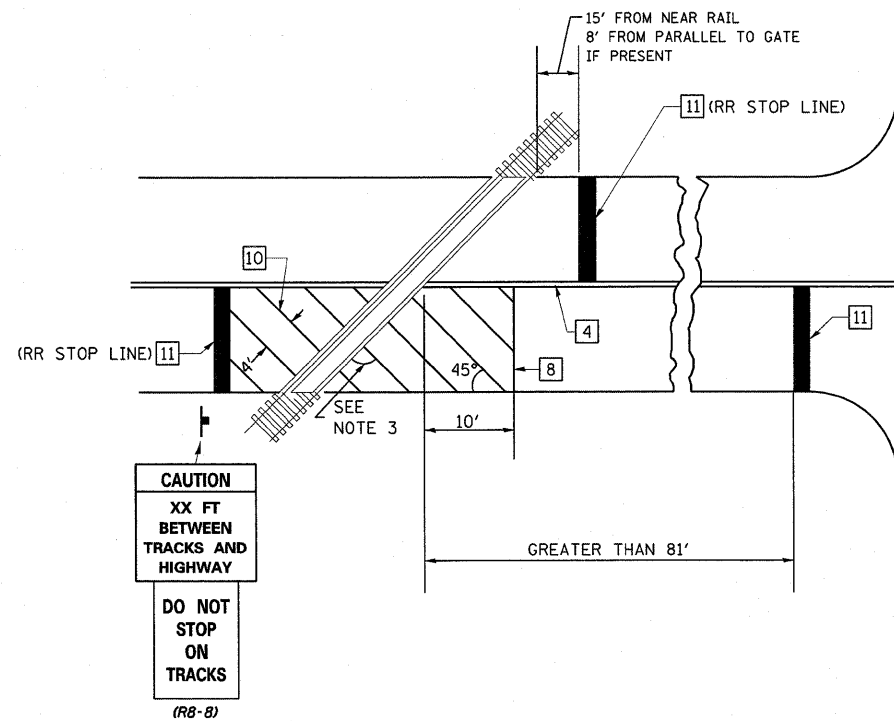
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

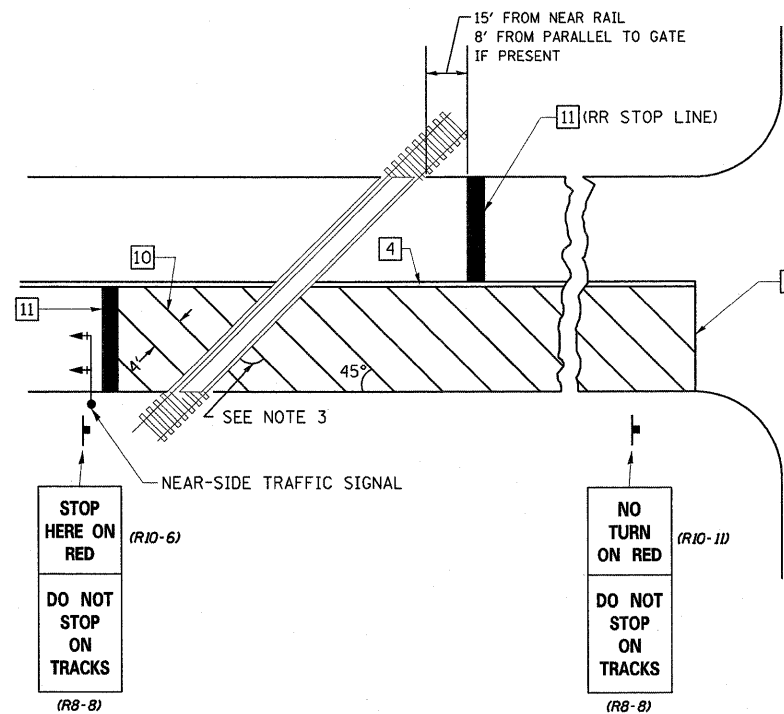
PAVEMENT MARKING LEGEND



RAILROAD CROSSING WITH INTERCONNECT ONLY



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
- WHERE THE ANGLE BETWEEN THE DIAGONAL PAVEMENT MARKINGS AND THE TRACK WOULD BE LESS THAN 20°, THE PAVEMENT MARKINGS SHOULD BE PLACED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

NOT TO SCALE

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 7800001

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| FILE NAME = | USER NAME = swartzw | DESIGNED - | REVISED - |
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| | | CHECKED - | REVISED - |
| | | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

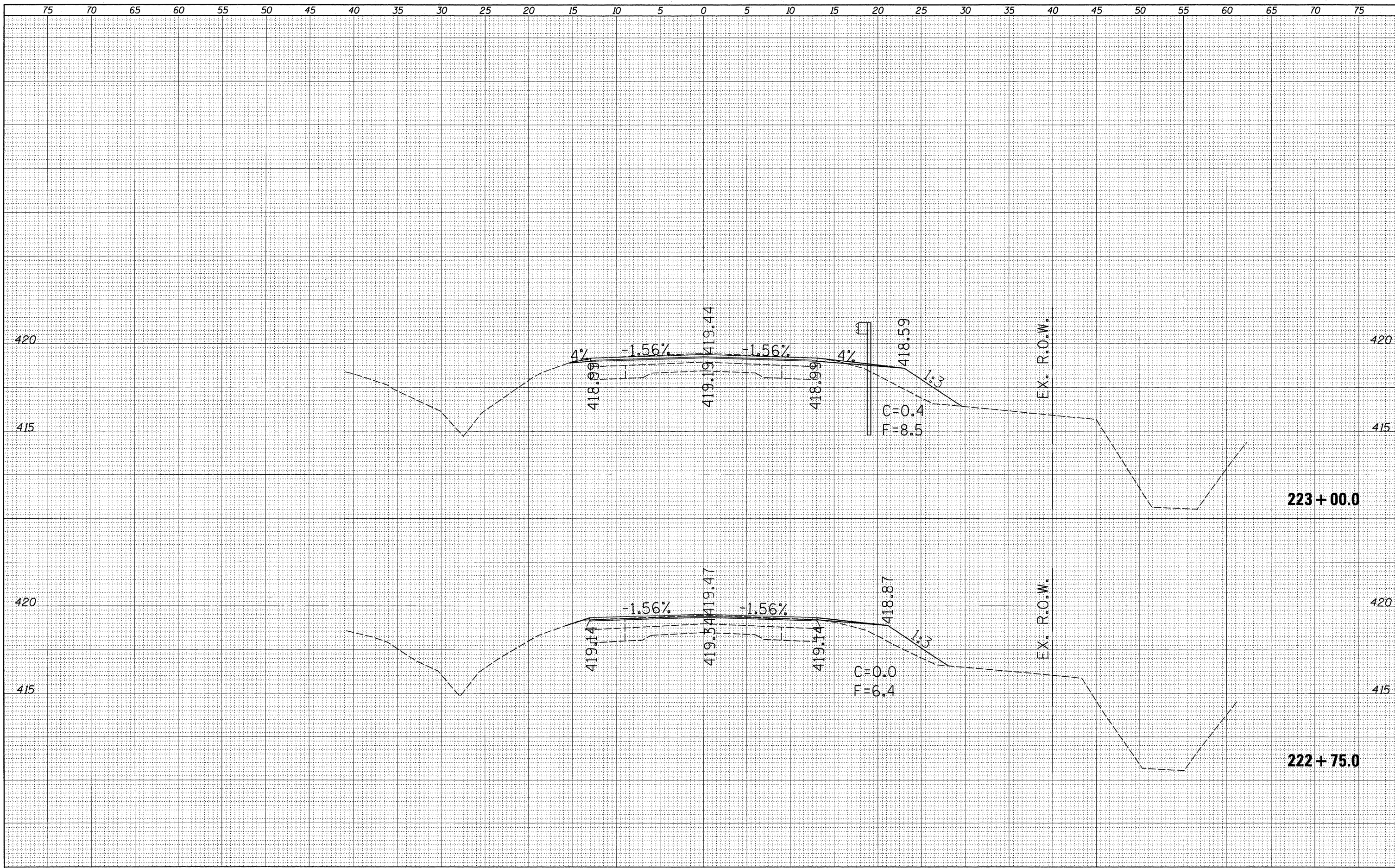
PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL & URBAN APPLICATIONS)

SCALE: SHEET NO. 8 OF 8 SHEETS STA. TO STA.

| | | | | |
|---------------------------|----------|--------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 328 | 104 RS-4 | WAYNE | 77 | 49 |
| CONTRACT NO. 74448 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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

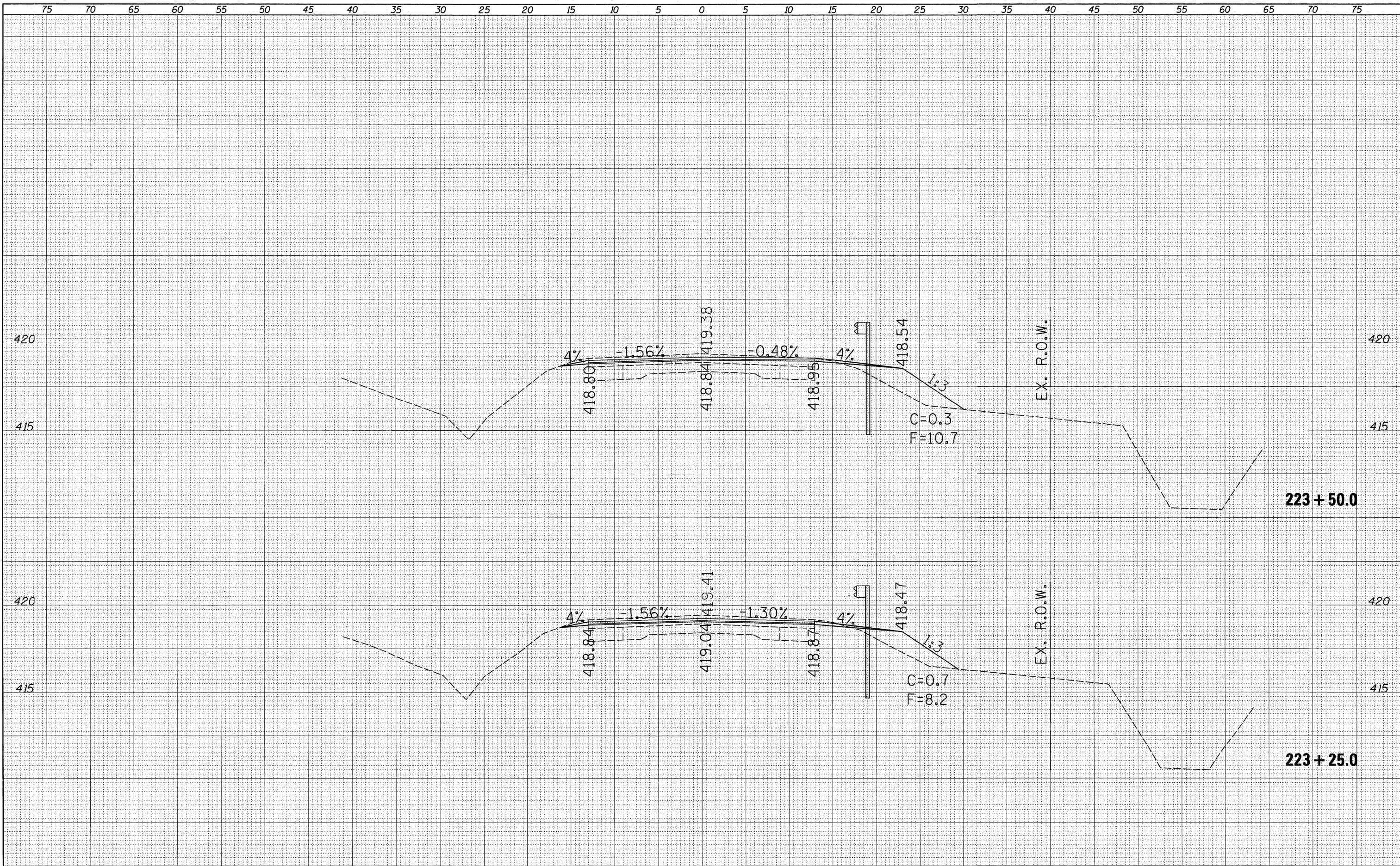
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| ORIGINAL SURVEY | SURVEYED | DATE |
| NOTE BOOK NO. | PLOTTED | |
| | TEMPLATE | |
| | AREAS CHECKED | |



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| FILE NAME = | USER NAME = swartzw | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | MAINLINE CROSS SECTIONS U.S. 45 | | | F.A.P. RTE. 328 | SECTION 104 RS-4 | COUNTY Wayne | TOTAL SHEETS 77 | SHEET NO. 50 |
| c:\pwork\pwork\swartzw\08177918\0774448-sh | xsom1.dgn | DRAWN - | REVISED - | | SCALE: 5 | SHEET NO. 1 OF 28 SHEETS | STA. 222+75.0 TO STA. 223+00.0 | CONTRACT NO. 74448 | | | | |
| | PLOT SCALE = 5.0000' / IN. | CHECKED - | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | |
| | PLOT DATE = 12/27/2010 | DATE - | REVISED - | | | | | | | | | |

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| FINAL SURVEY NOTE BOOK NO. | |

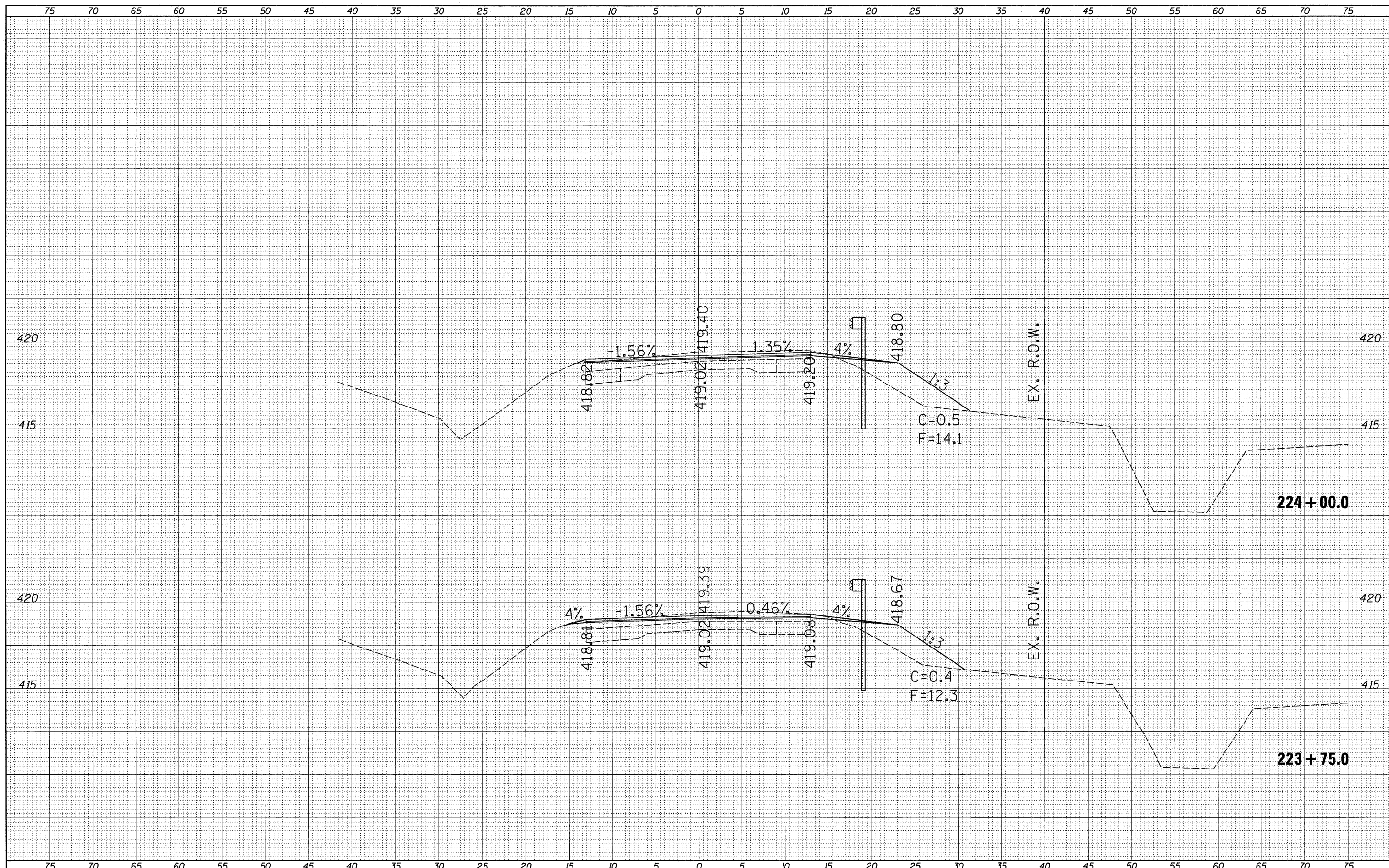
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| ORIGINAL SURVEY NOTE BOOK NO. | |



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| CONTRACT NO. 74448 | CONTRACT NO. 74448 | DRAWN - | REVISED - | | SCALE: 5 | SHEET NO. 2 OF 28 SHEETS | STA. 223+25.0 TO STA. 223+50.0 | ILLINOIS FED. AID PROJECT | | | | |
| | | CHECKED - | REVISED - | | | | | | | | | |
| | | DATE - | REVISED - | | | | | | | | | |

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| FINAL SURVEY | SURVEYED | DATE |
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 PLOT DATE = 12/27/2010

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

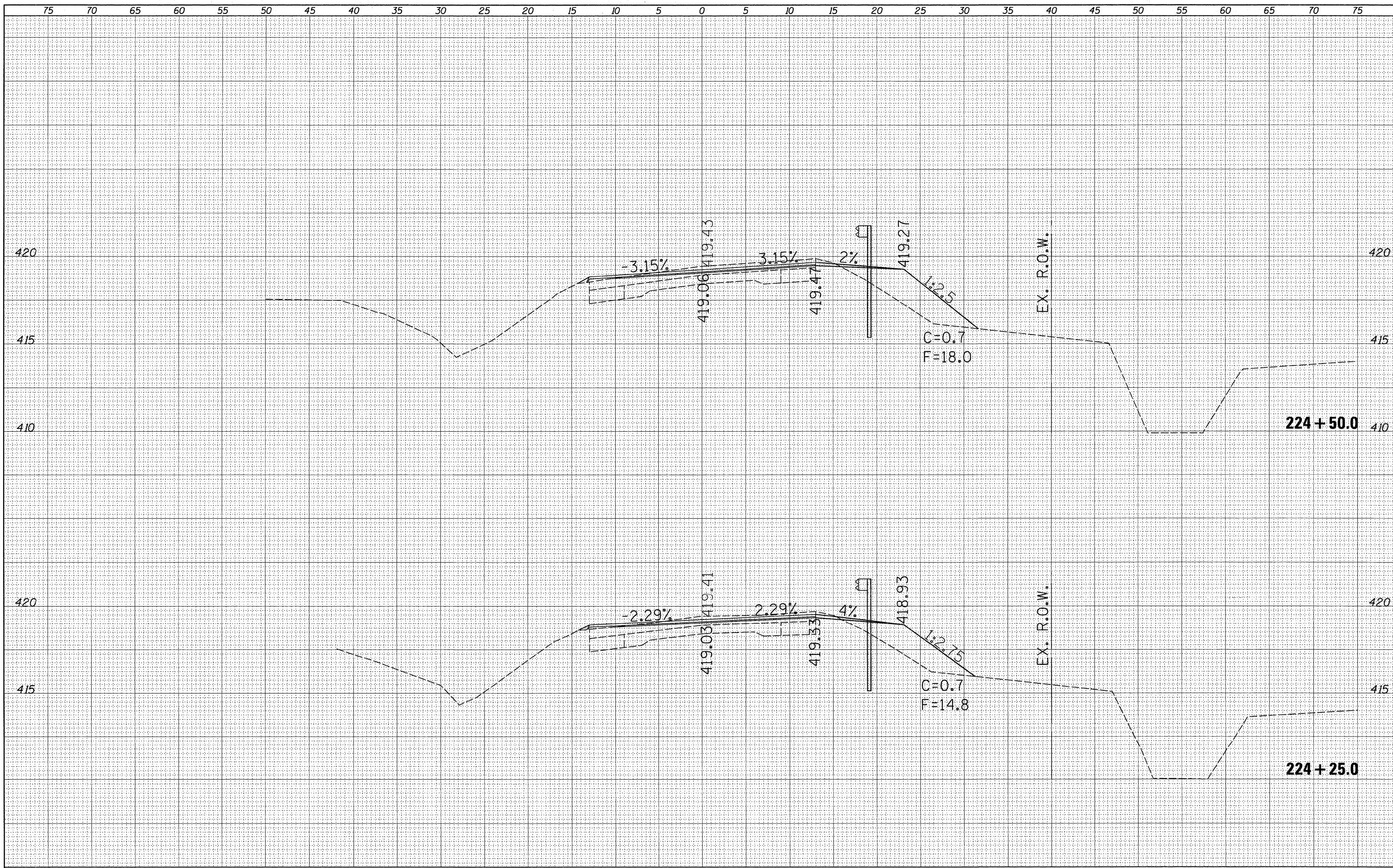
MAINLINE CROSS SECTIONS
 U.S. 45
 SCALE: 5

SHEET NO. 3 OF 28 SHEETS
 STA. 223+75.0 TO STA. 224+00.0

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|--------------------|----------|--------|---------------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 328 | 104 RS-4 | Wayne | 77 | 52 |
| CONTRACT NO. 74448 | | | ILLINOIS FED. AID PROJECT | |

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| NOTE BOOK NO. | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS CHECKED | | |

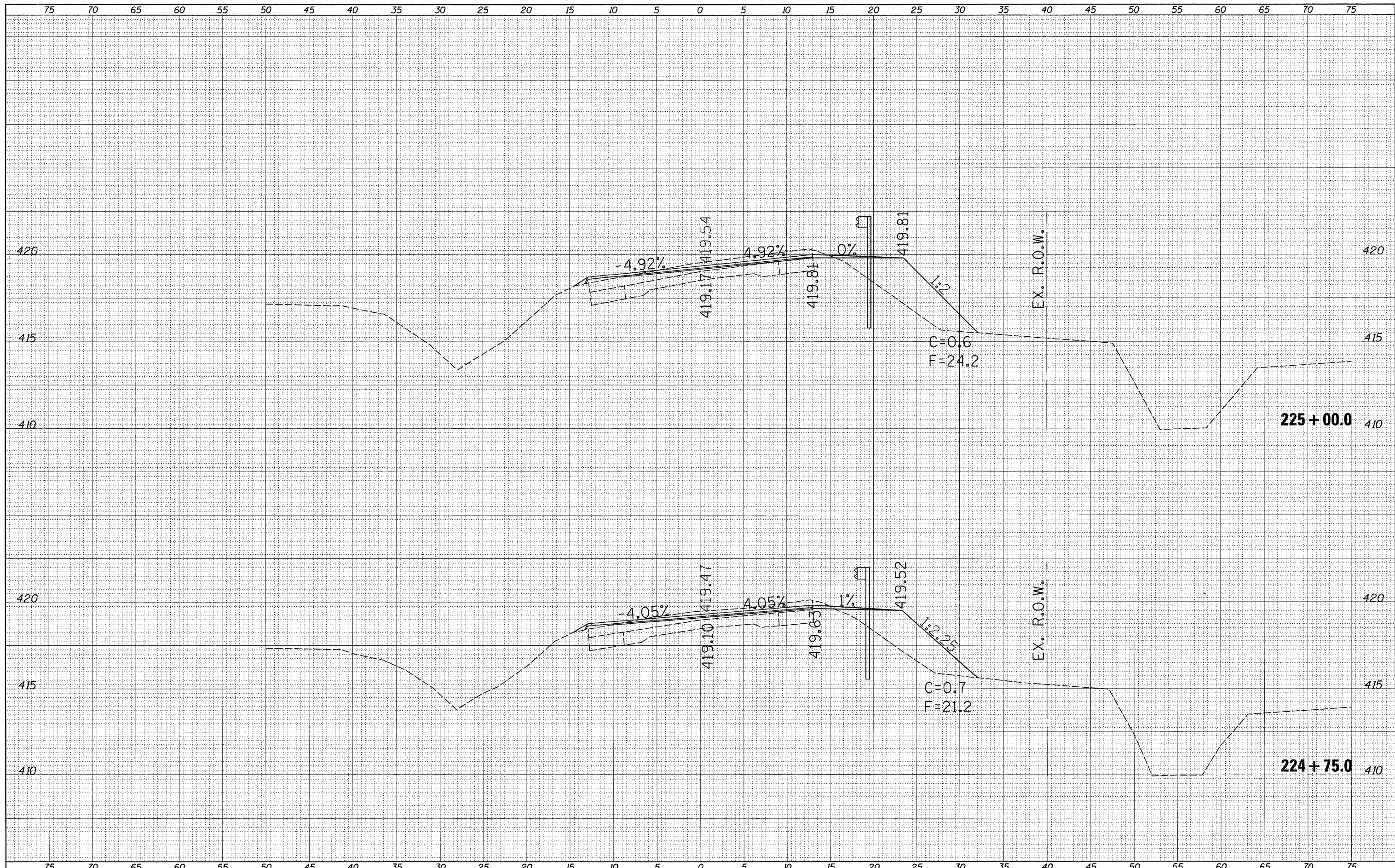
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| ORIGINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK NO. | PLOTTED | | |
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| FILE NAME = | USER NAME = swartzw | DESIGNED - | REVISIED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | MAINLINE CROSS SECTIONS U.S. 45 | | F.A.P. RTE. 328 | SECTION 104 RS-4 | COUNTY Wayne | TOTAL SHEETS 77 | SHEET NO. 53 |
| c:\pw_work\p\dot\swartzw\d0177918\0774448-sh | xscm1.dgn | DRAWN - | REVISIED - | | SCALE: 5 | SHEET NO. 4 OF 28 SHEETS | STA. 224+25.0 TO STA. 224+50.0 | CONTRACT NO. 74448 | | ILLINOIS FED. AID PROJECT | |
| | | CHECKED - | REVISIED - | | | | | | | | |
| | | DATE - | REVISIED - | | | | | | | | |

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| FINAL SURVEY | SURVEYED | DATE |
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| NO. | TEMPLATE | |
| | AREAS CHECKED | |

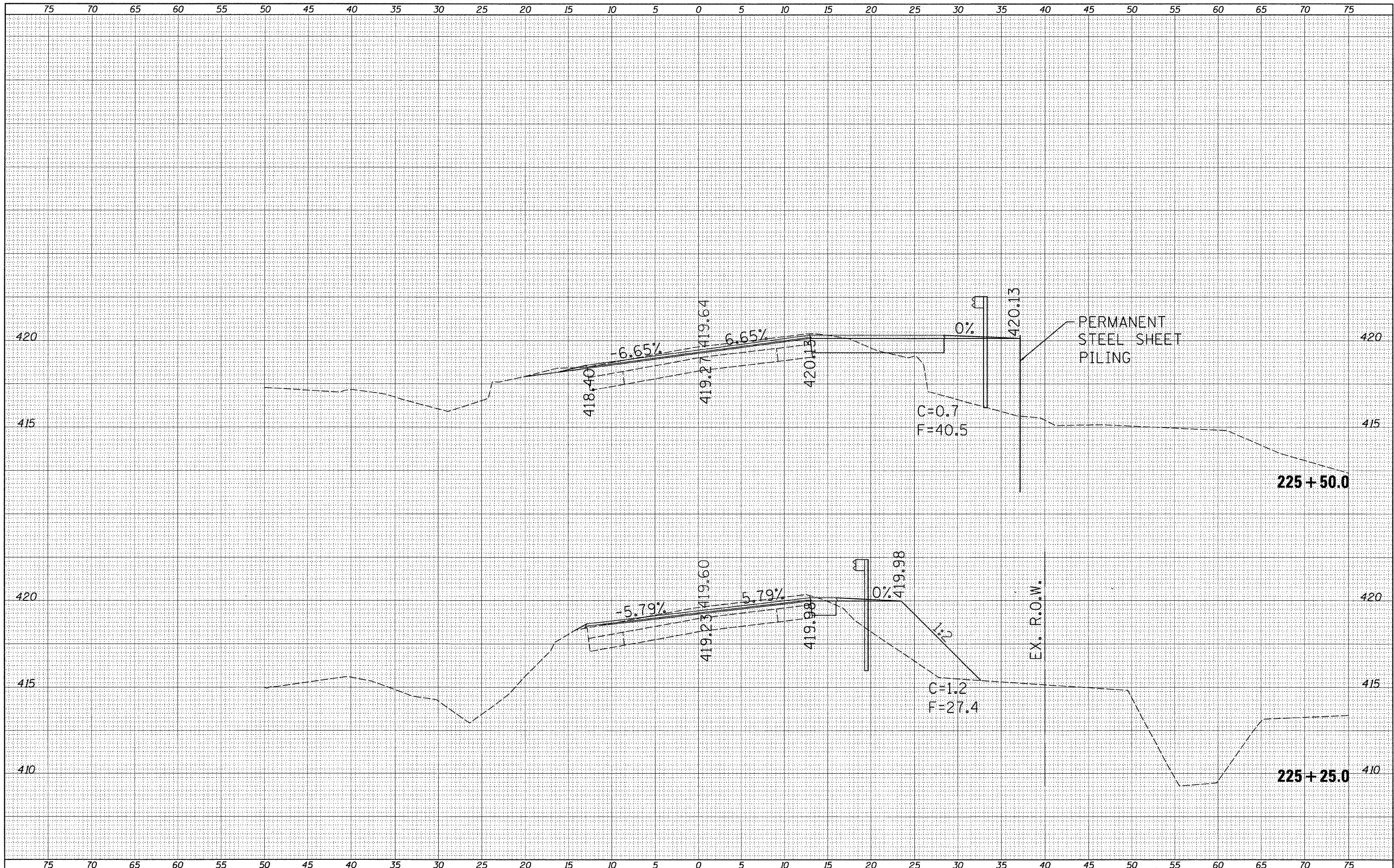
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| ORIGINAL SURVEY | SURVEYED | DATE |
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| NO. | TEMPLATE | |
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| CONTRACT NO. 74448 | PLOT SCALE = 5.0000' / IN. | DRAWN - | REVISED - | | SCALE: 5 | SHEET NO. 5 OF 28 SHEETS | STA. 224+75.0 TO STA. 225+00.0 | ILLINOIS FED. AID PROJECT | | | | |
| | PLOT DATE = 12/27/2010 | CHECKED - | REVISED - | | | | | | | | | |
| | | DATE - | REVISED - | | | | | | | | | |

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| BY | |
| FINAL SURVEY | SURVEYED |
| NOTE BOOK | PLOTTED |
| NO. | TEMP. DATE |
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| ORIGINAL SURVEY | SURVEYED |
| NOTE BOOK | PLOTTED |
| NO. | TEMP. DATE |
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

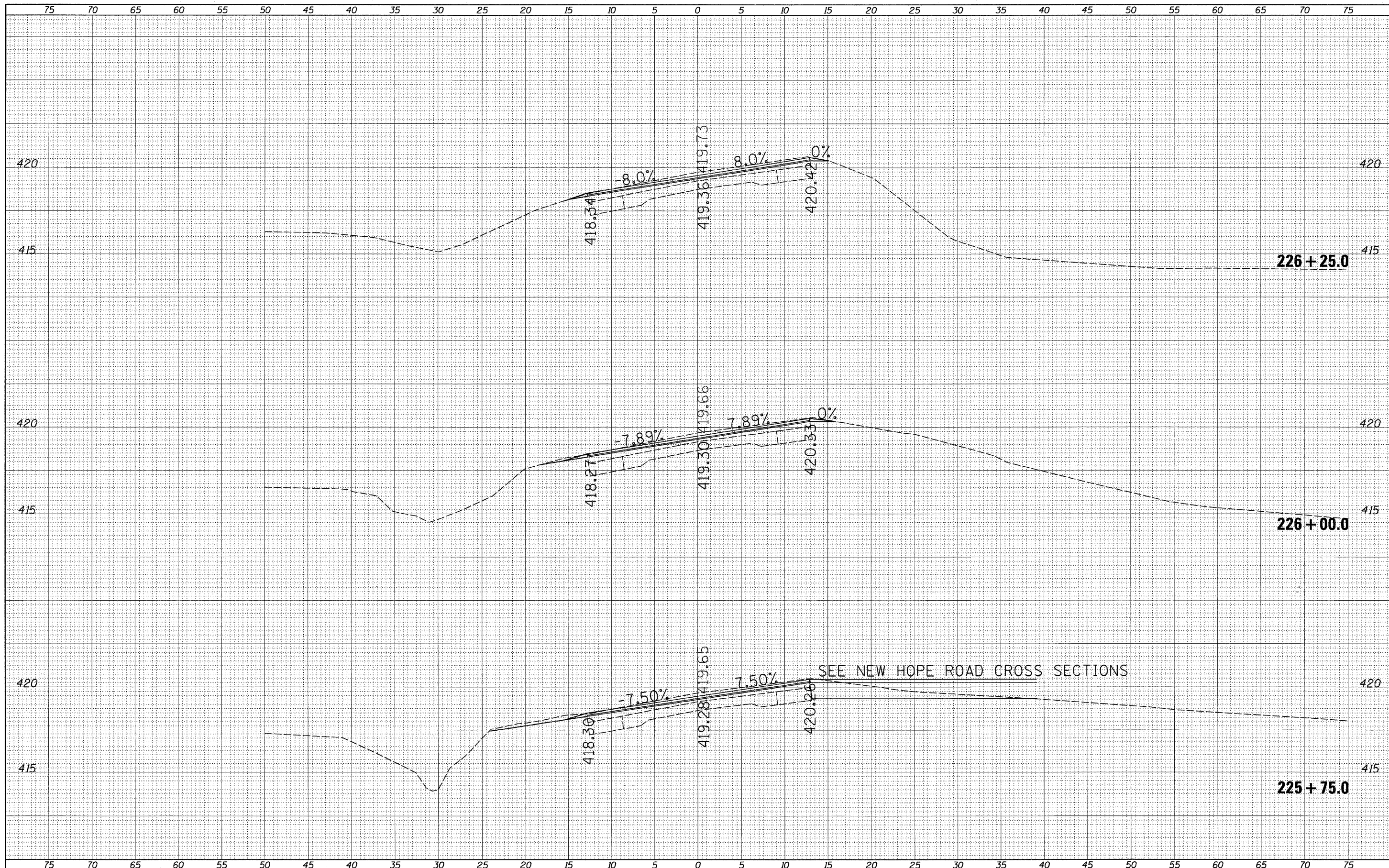
**MAINLINE CROSS SECTIONS
 U.S. 45**

SCALE: 5 SHEET NO. 6 OF 28 SHEETS STA. 225+25.0 TO STA. 225+50.0

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------|--------|---------------------------|-----------|
| 328 | 104 RS-4 | Wayne | 77 | 55 |
| CONTRACT NO. 74448 | | | ILLINOIS FED. AID PROJECT | |

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

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

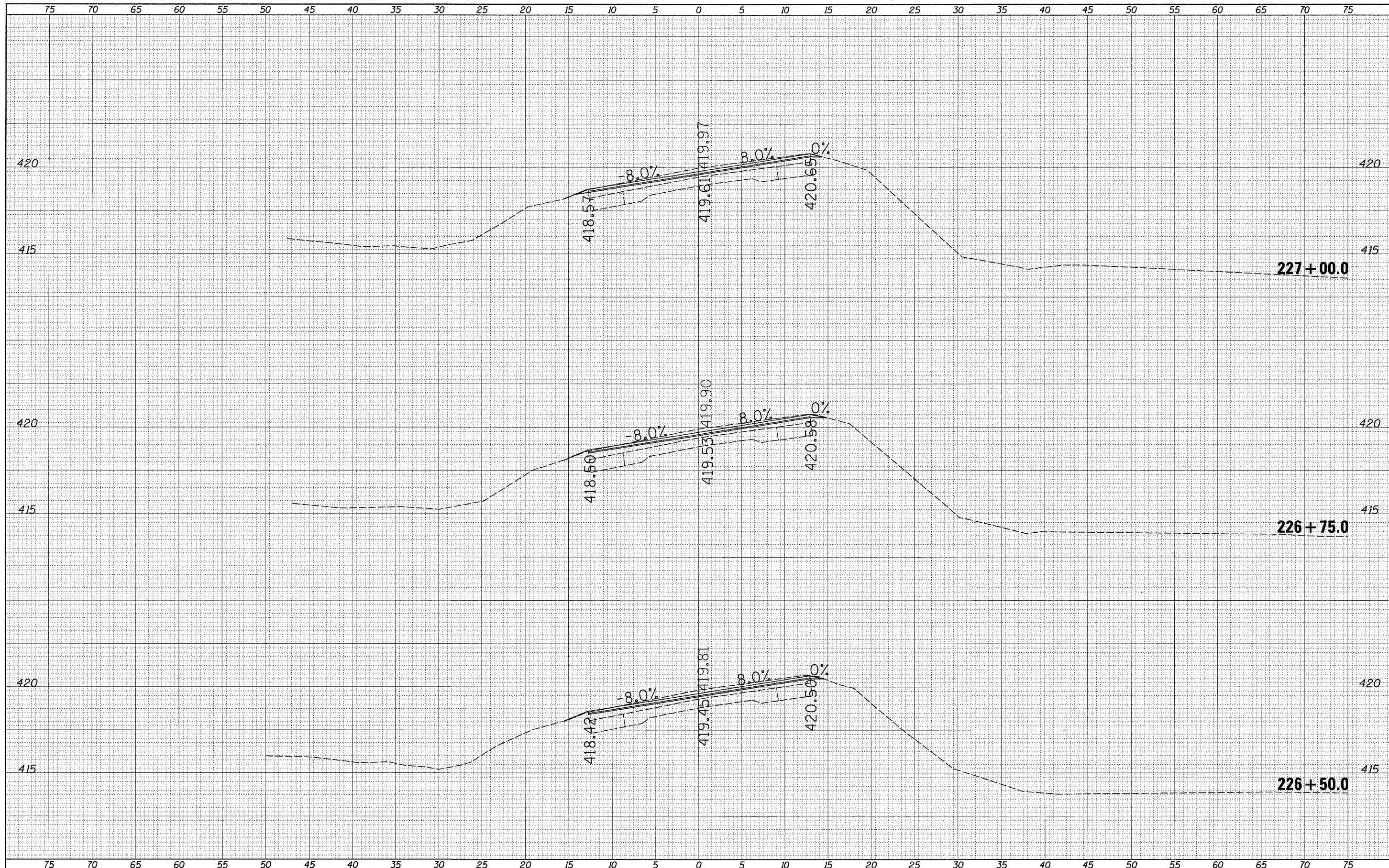


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| c:\pw\work\pwidot\swartzw\d8177918\0774448-sh | xscm1.dgn | DRAWN - | REVISED - | | SCALE: 5 | SHEET NO. 7 OF 28 SHEETS | STA. 225+75.0 TO STA. 226+25.0 | 328 | 104 RS-4 | Wayne | 77 | 56 |
| | PLOT SCALE = 5.0000' / IN. | CHECKED - | REVISED - | | | | | | | | | |
| | PLOT DATE = 12/27/2010 | DATE - | REVISED - | | | | | | | | | |
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ILLINOIS FED. AID PROJECT

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| FINAL SURVEY | SURVEYED | DATE |
| NOTE BOOK NO. | PLOTTED | |
| | TEMPLATE | |
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| ORIGINAL SURVEY | SURVEYED | DATE |
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

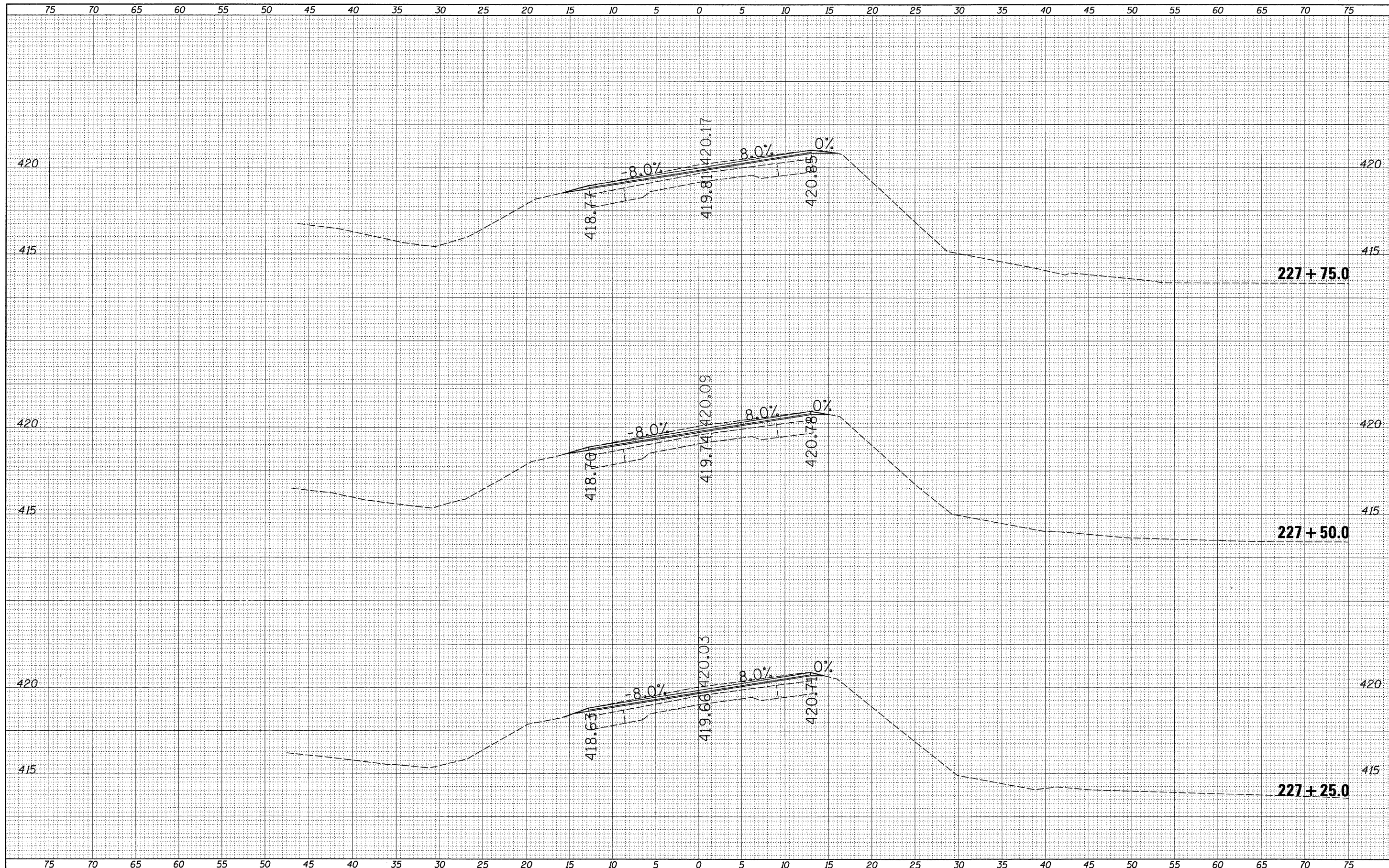
**MAINLINE CROSS SECTIONS
 U.S. 45**

SCALE: 5 SHEET NO. 8 OF 28 SHEETS STA. 226+50.0 TO STA. 227+00.0

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------|--------|--------------|-----------|
| 328 | 104 RS-4 | Wayne | 77 | 57 |
| CONTRACT NO. 74448 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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USER NAME = swr\trw
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

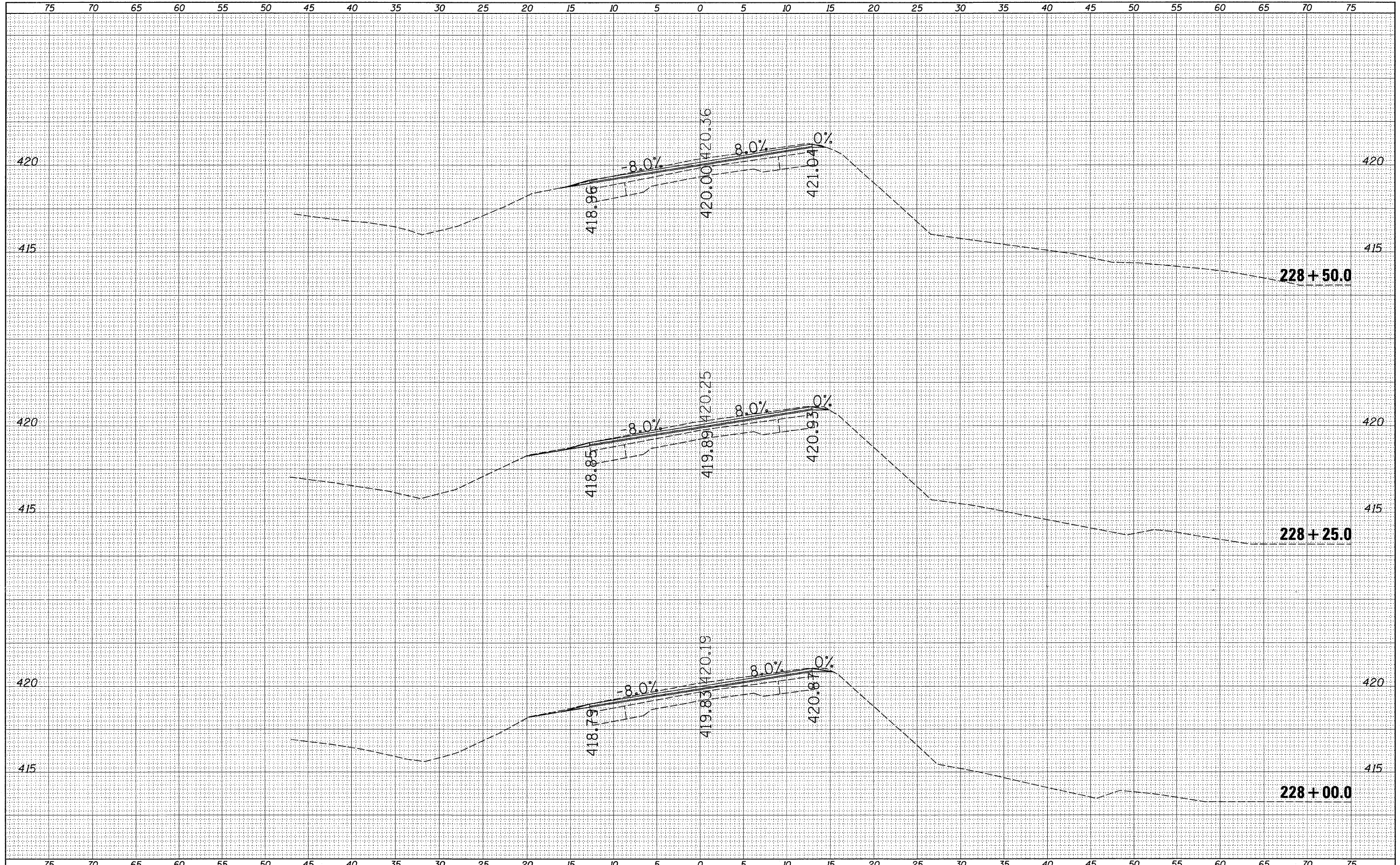
**MAINLINE CROSS SECTIONS
 U.S. 45**

SCALE: 5 SHEET NO. 9 OF 28 SHEETS STA. 227+25.0 TO STA. 227+75.0

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------|--------|--------------|-----------|
| 328 | 104 RS-4 | Wayne | 77 | 58 |
| CONTRACT NO. 74448 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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| FINAL SURVEY NOTE BOOK NO. | DATE |
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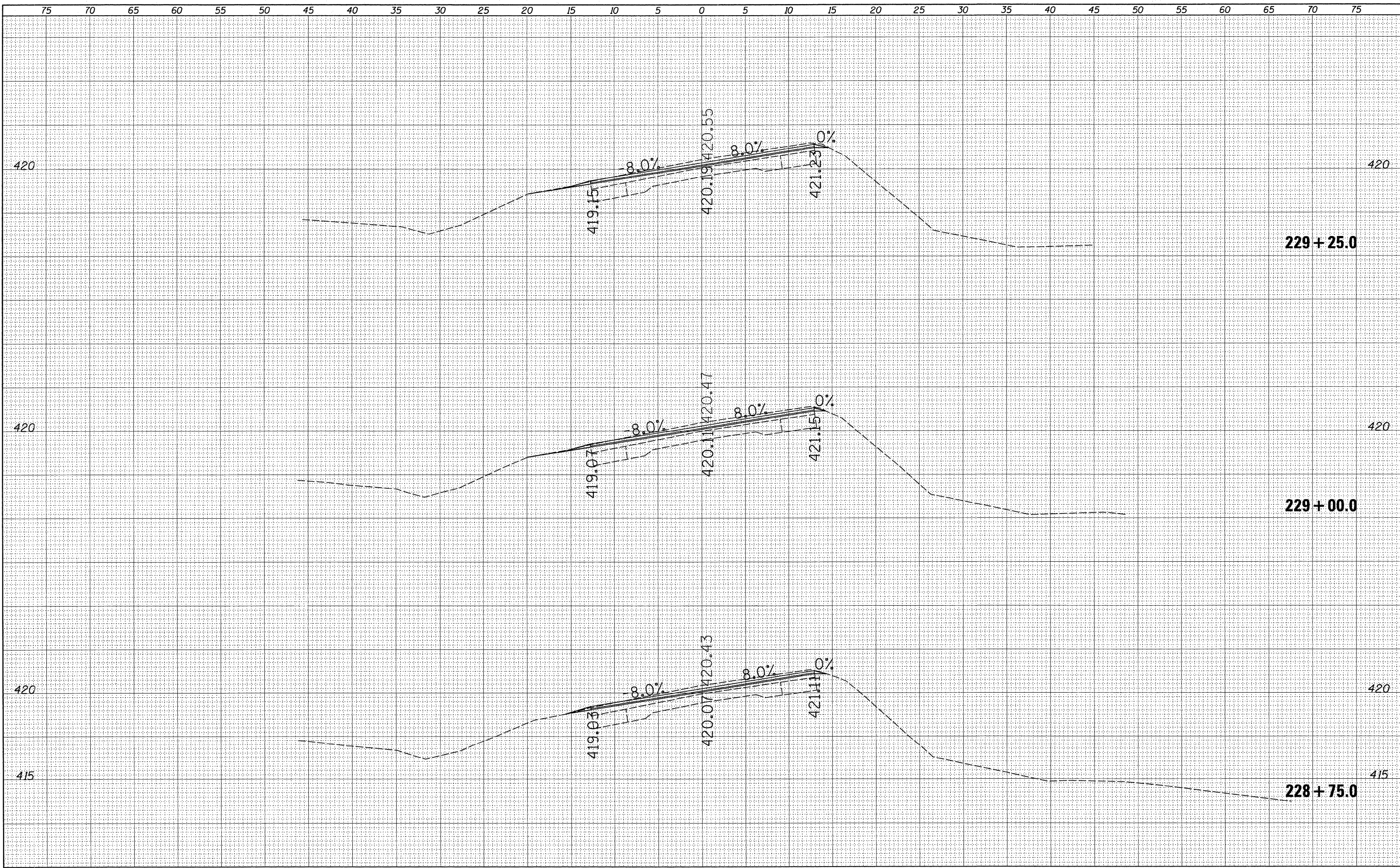
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| FILE NAME = | USER NAME = swartzw | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | MAINLINE CROSS SECTIONS U.S. 45 | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| c:\pwork\p1dot\swartzw\d0177918\0774448-sh | xsom1.dgn | DRAWN - | REVISED - | | SCALE: 5 | SHEET NO. 10 OF 28 SHEETS | STA. 228+00.0 TO STA. 228+50.0 | 32B | 104 RS-4 | Wayne | 77 | 59 |
| | PLOT SCALE = 5.00000' / IN. | CHECKED - | REVISED - | | | | | CONTRACT NO. 74448 | | | | |
| | PLOT DATE = 12/27/2010 | DATE - | REVISED - | | | | | ILLINOIS FED. AID PROJECT | | | | |

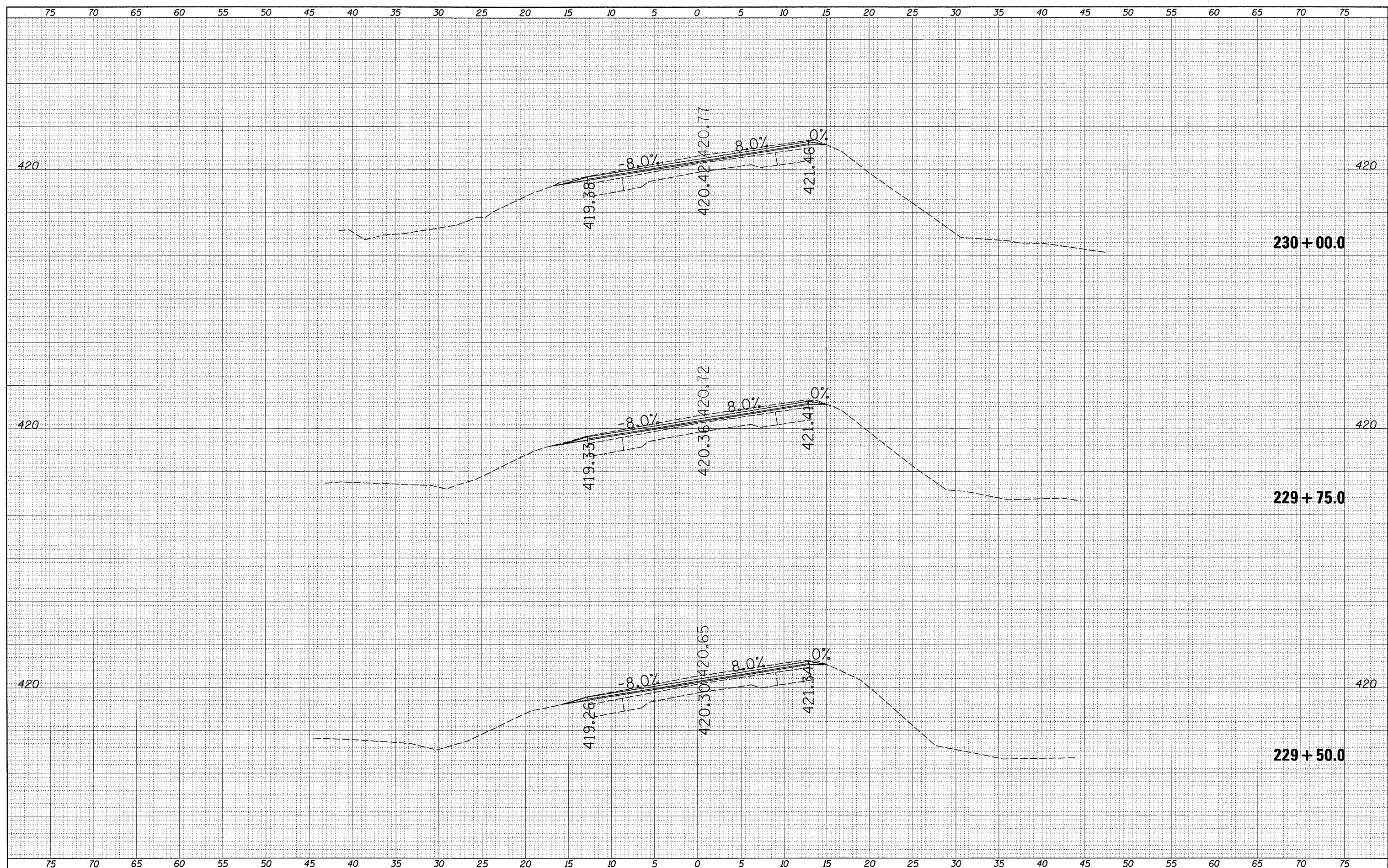
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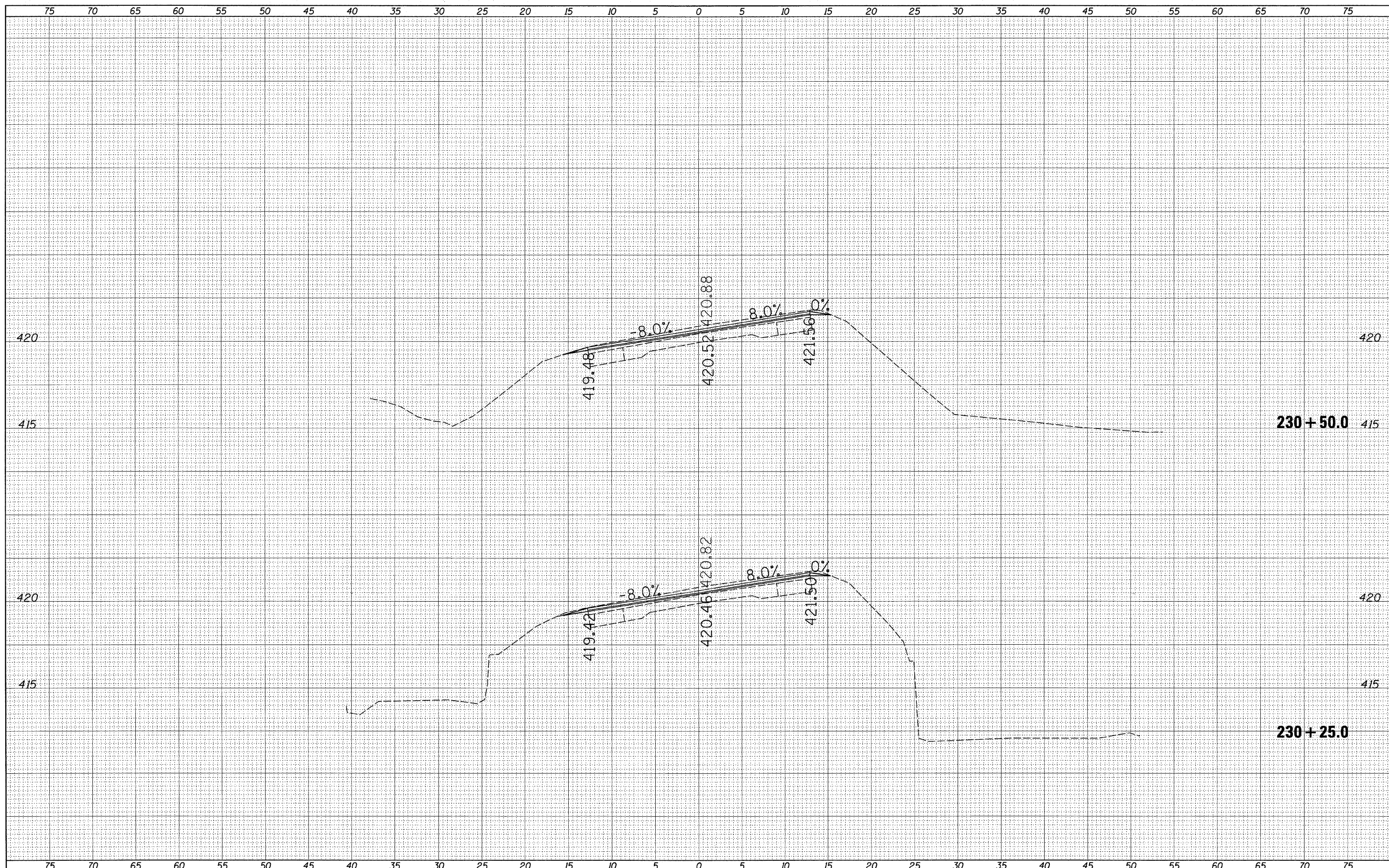
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| FILE NAME = | USER NAME = swartzw | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | MAINLINE CROSS SECTIONS U.S. 45 | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| c:\pw\work\p\dot\swartzw\0177918\0774448-sh | xscml.dgn | DRAWN - | REVISED - | | 328 | 104 RS-4 | Wayne | 77 | 61 | | |
| | PLOT SCALE = 5.0000' / IN. | CHECKED - | REVISED - | | SCALE: 5 | | SHEET NO. 12 OF 28 SHEETS | | CONTRACT NO. 74448 | | |
| | PLOT DATE = 12/27/2010 | DATE - | REVISED - | | STA. 229+50.0 TO STA. 230+00.0 | | ILLINOIS FED. AID PROJECT | | | | |

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| FINAL SURVEY | SURVEYED | BY | DATE |
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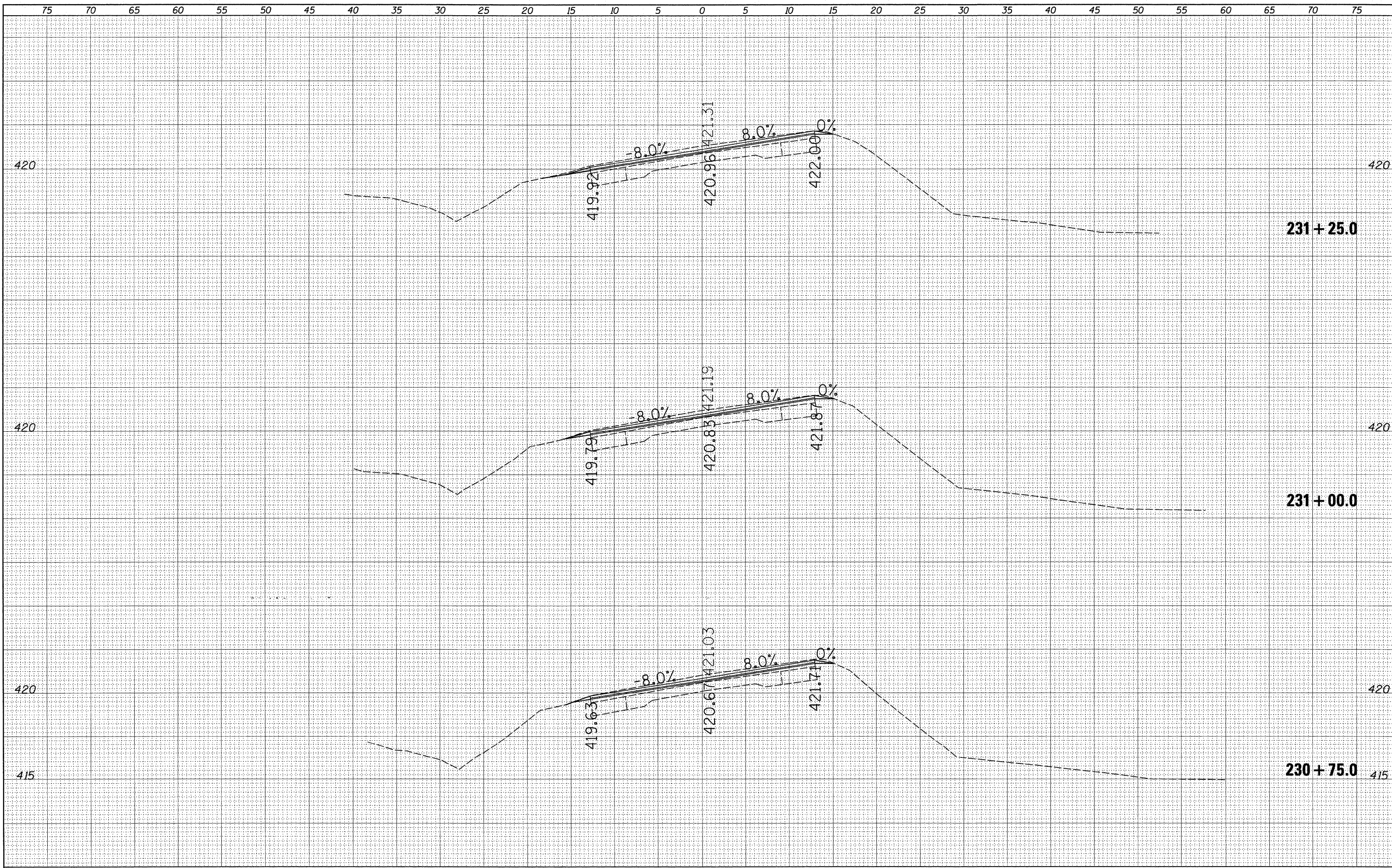
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| FILE NAME = | USER NAME = swartzw | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | MAINLINE CROSS SECTIONS U.S. 45 | | F.A.P. SITE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| ct:\pw_work\pwidot\swartzw\d8177910\0774448-sh | xscm1.dgn | DRAWN - | REVISED - | | SCALE: 5 | SHEET NO. 13 OF 28 SHEETS | STA. 230+25.0 TO STA. 230+50.0 | 328 | 104 RS-4 | Wayne | 77 | 62 |
| | PLOT SCALE = 5.0000 "/ IN. | CHECKED - | REVISED - | | | | CONTRACT NO. 74448 | | | | | |
| | PLOT DATE = 12/27/2010 | DATE - | REVISED - | | | | ILLINOIS FED. AID PROJECT | | | | | |

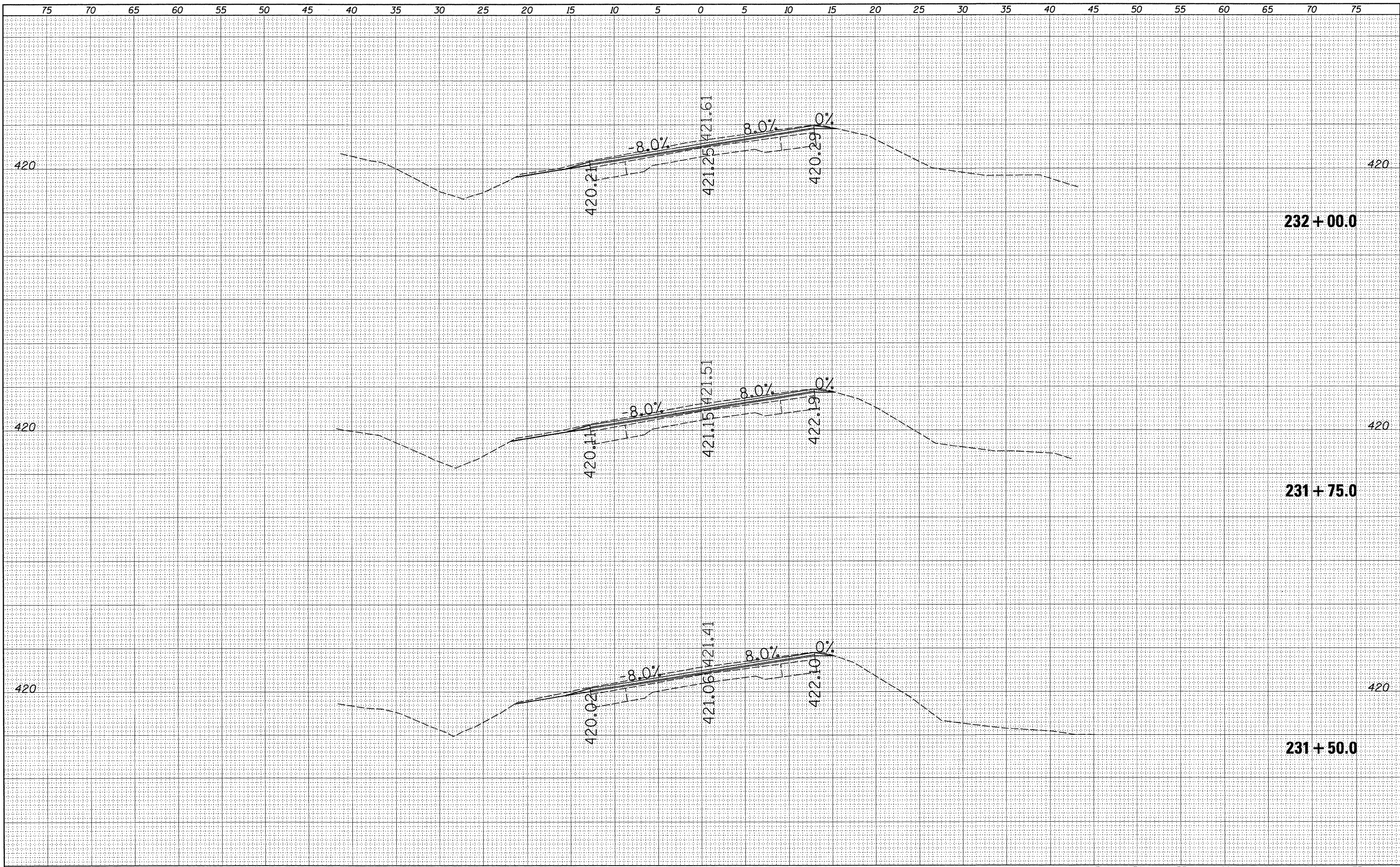
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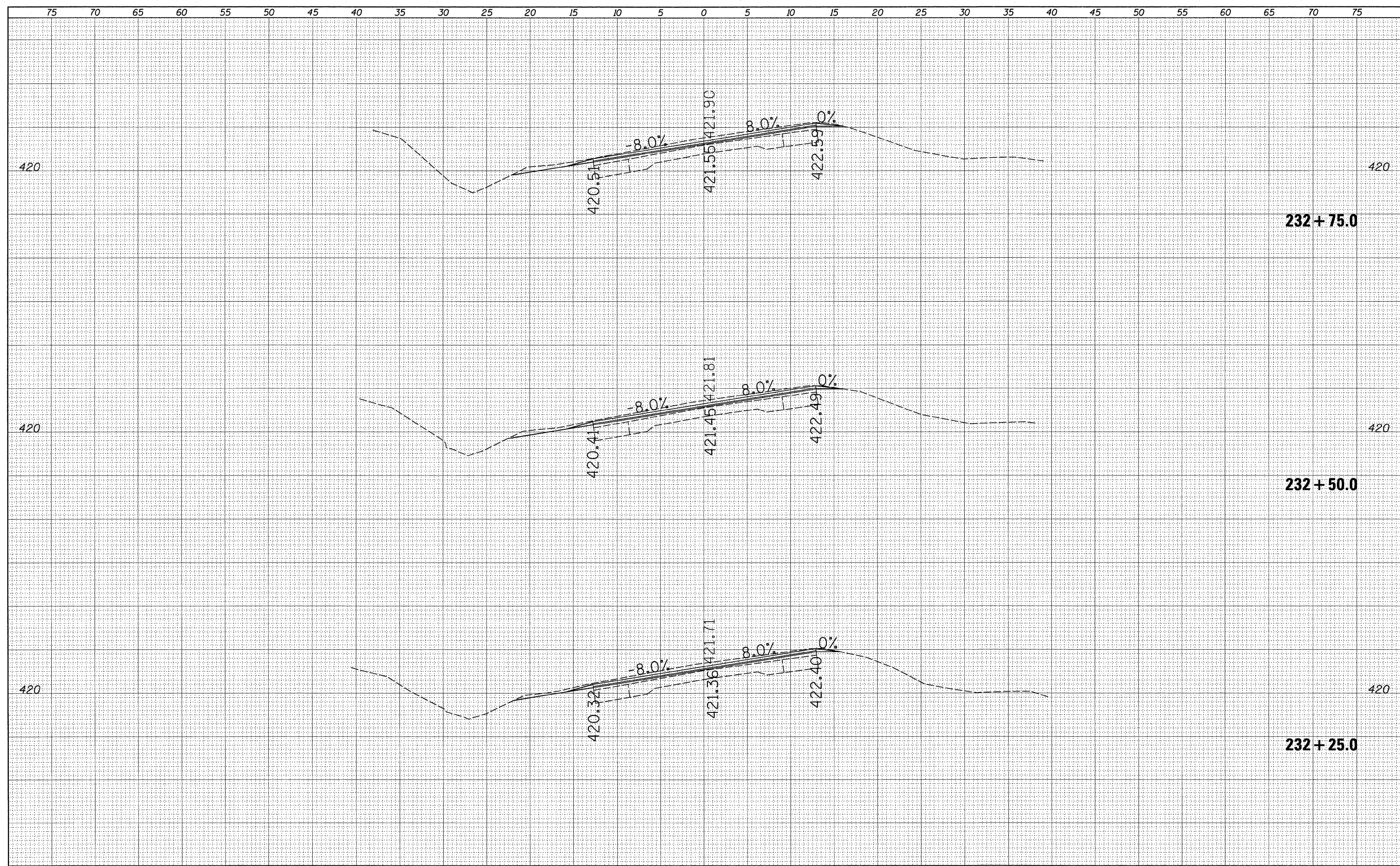
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| FILE NAME = | USER NAME = swartzw | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | MAINLINE CROSS SECTIONS U.S. 45 | | | F.A.P. RTE. 328 | SECTION 104 RS-4 | COUNTY Wayne | TOTAL SHEETS 77 | SHEET NO. 64 |
| c:\pw_work\psidot\swartzw\d0177918\0774448-sh\ssom.dgn | | DRAWN - | REVISED - | | SCALE: 5 | SHEET NO. 15 OF 28 SHEETS | STA. 231+50.0 | TO STA. 232+00.0 | CONTRACT NO. 74448 | | | |
| PLOT SCALE = 5,0000' / IN. | | CHECKED - | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | |
| PLOT DATE = 12/27/2010 | | DATE - | REVISED - | | | | | | | | | |

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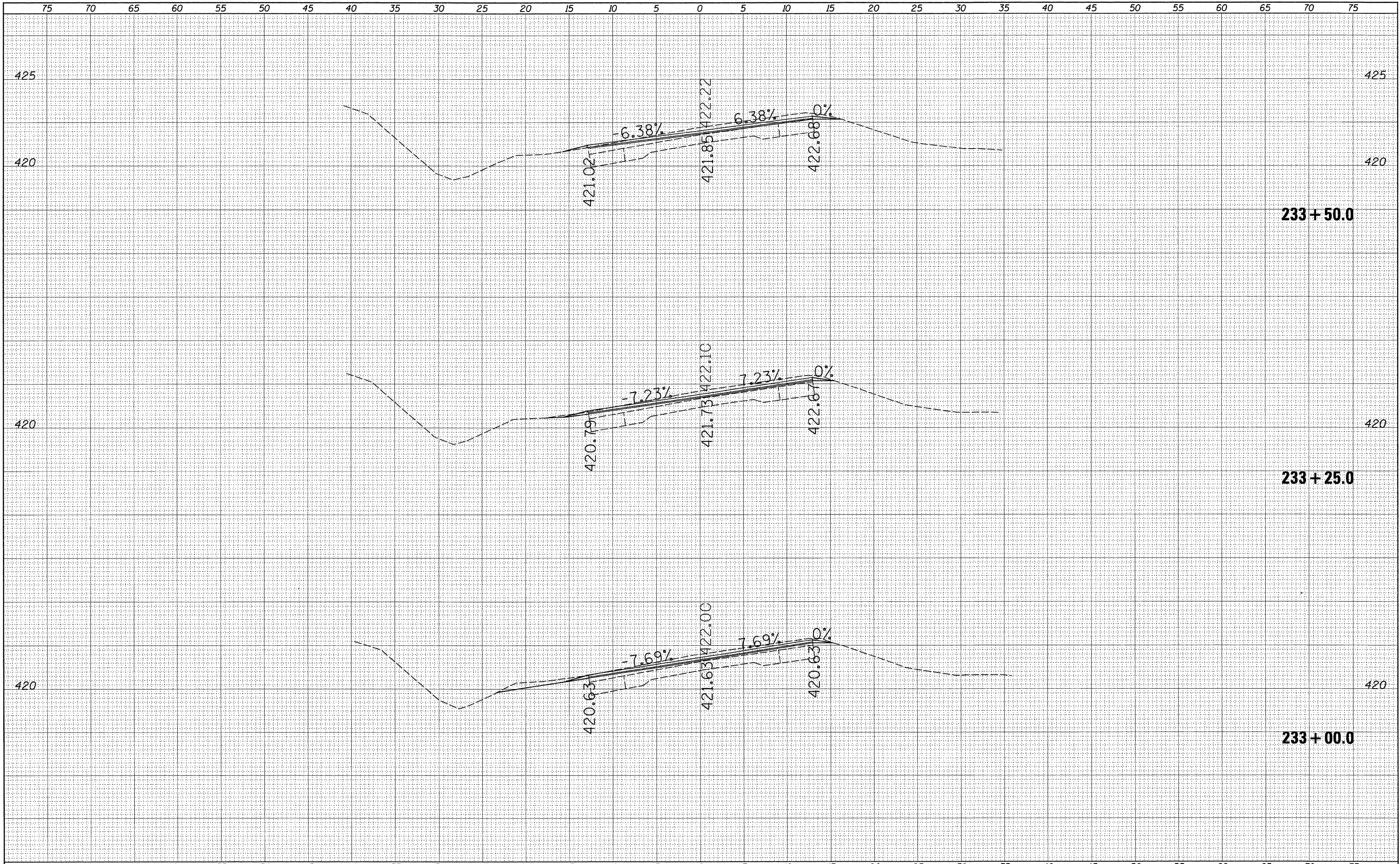
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| FILE NAME = | USER NAME = swartzw | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | MAINLINE CROSS SECTIONS U.S. 45 | | | F.A.P. RTE. 328 | SECTION 104 RS-4 | COUNTY Wayne | TOTAL SHEETS 77 | SHEET NO. 65 |
| c:\pw_work\pwidet\swartzw\08177918\0774448-sh | xscmLdgn | DRAWN - | REVISED - | | SCALE: 5 | SHEET NO. 16 OF 28 SHEETS | STA. 232+25.0 | TO STA. 232+75.0 | CONTRACT NO. 74448 | | | |
| | | PLOT SCALE = 5.0000 "/td> <td>CHECKED -</td> <td>REVISED -</td> <td colspan="7" style="text-align: center;">ILLINOIS FED. AID PROJECT</td> | CHECKED - | | REVISED - | ILLINOIS FED. AID PROJECT | | | | | | |
| | | PLOT DATE = 12/27/2010 | DATE - | | REVISED - | | | | | | | |

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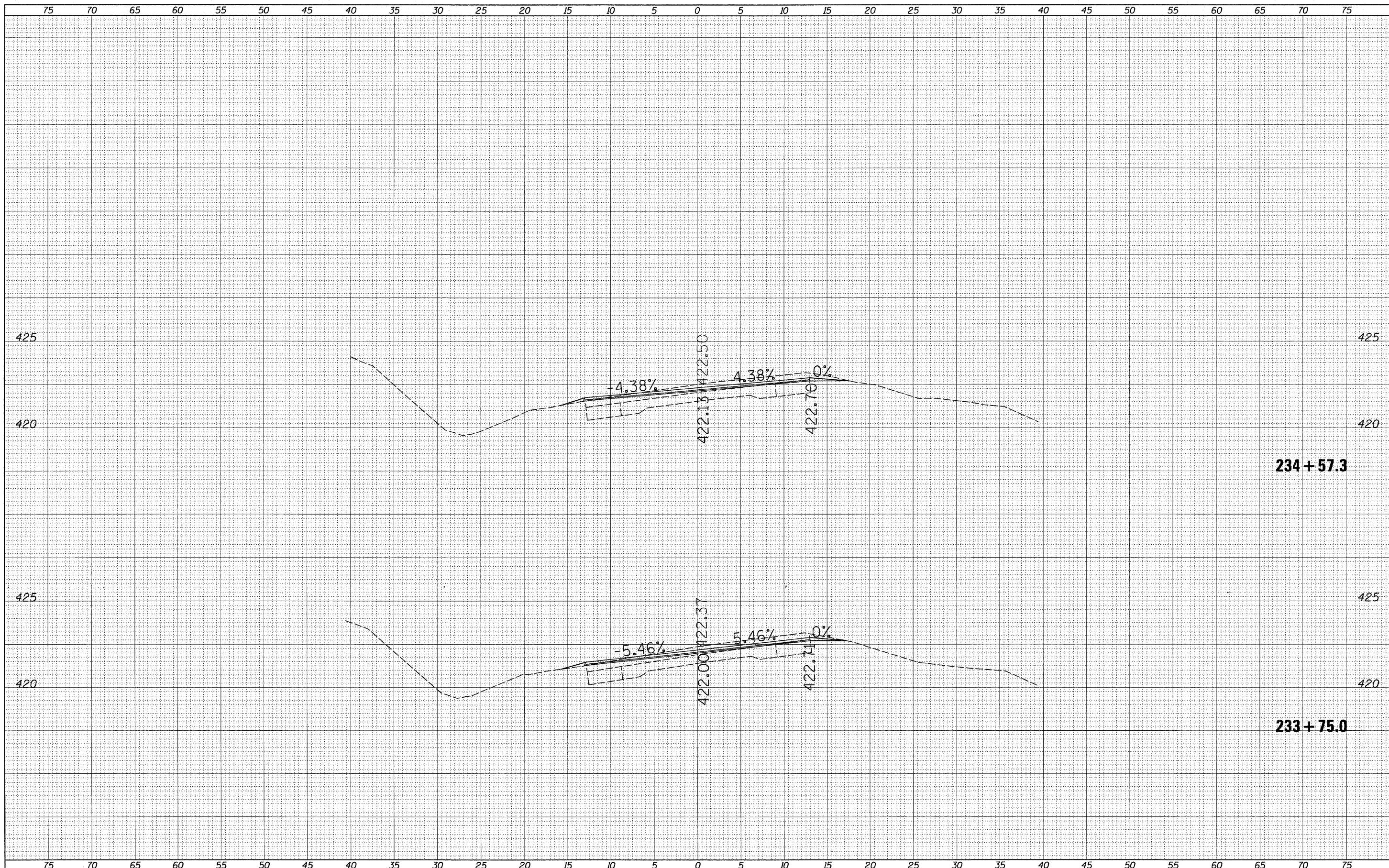
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| ORIGINAL SURVEY | SURVEYED | DATE |
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| FILE NAME = | USER NAME = swartzw | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | MAINLINE CROSS SECTIONS U.S. 45 | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| c:\pw_work\pwsdot\swartzw\0177918\0774448-sh\rscom1.dgn | PLOT SCALE = 5.0000' / IN. | DRAWN - | REVISED - | | | | 328 | 104 RS-4 | Wayne | 77 | 66 | |
| PLOT DATE = 12/27/2010 | DATE - | CHECKED - | REVISED - | | SCALE: 5 | | SHEET NO. 17 OF 28 SHEETS | | STA. 233+00.0 TO STA. 233+50.0 | | CONTRACT NO. 74448 | |
| | | DATE - | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | |

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

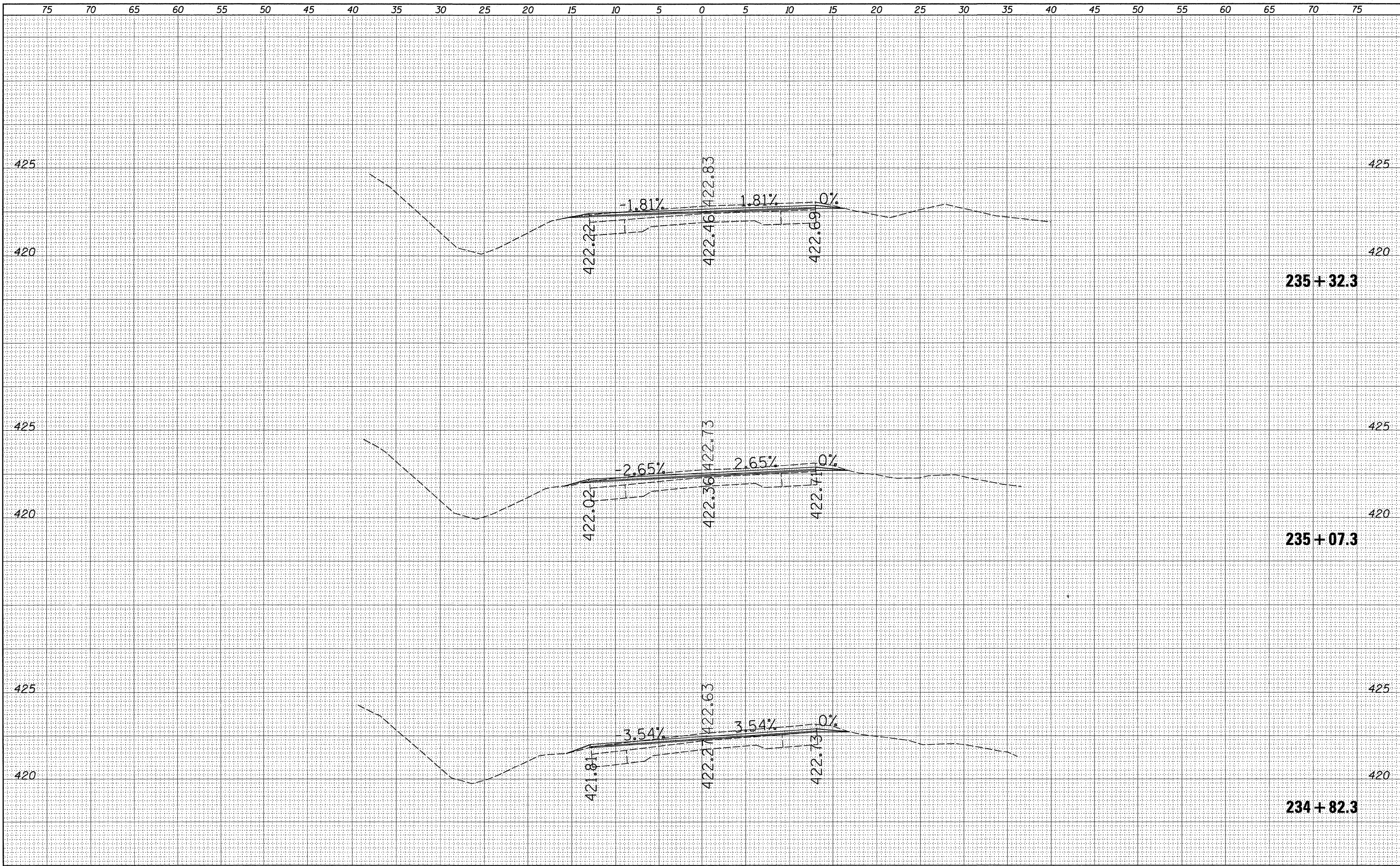
**MAINLINE CROSS SECTIONS
 U.S. 45**

SCALE: 5 SHEET NO. 18 OF 28 SHEETS STA. 233+75.0 TO STA. 234+57.3

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| 328 | 104 RS-4 | Wayne | 77 | 67 |
| CONTRACT NO. 74448 | | | ILLINOIS FED. AID PROJECT | |

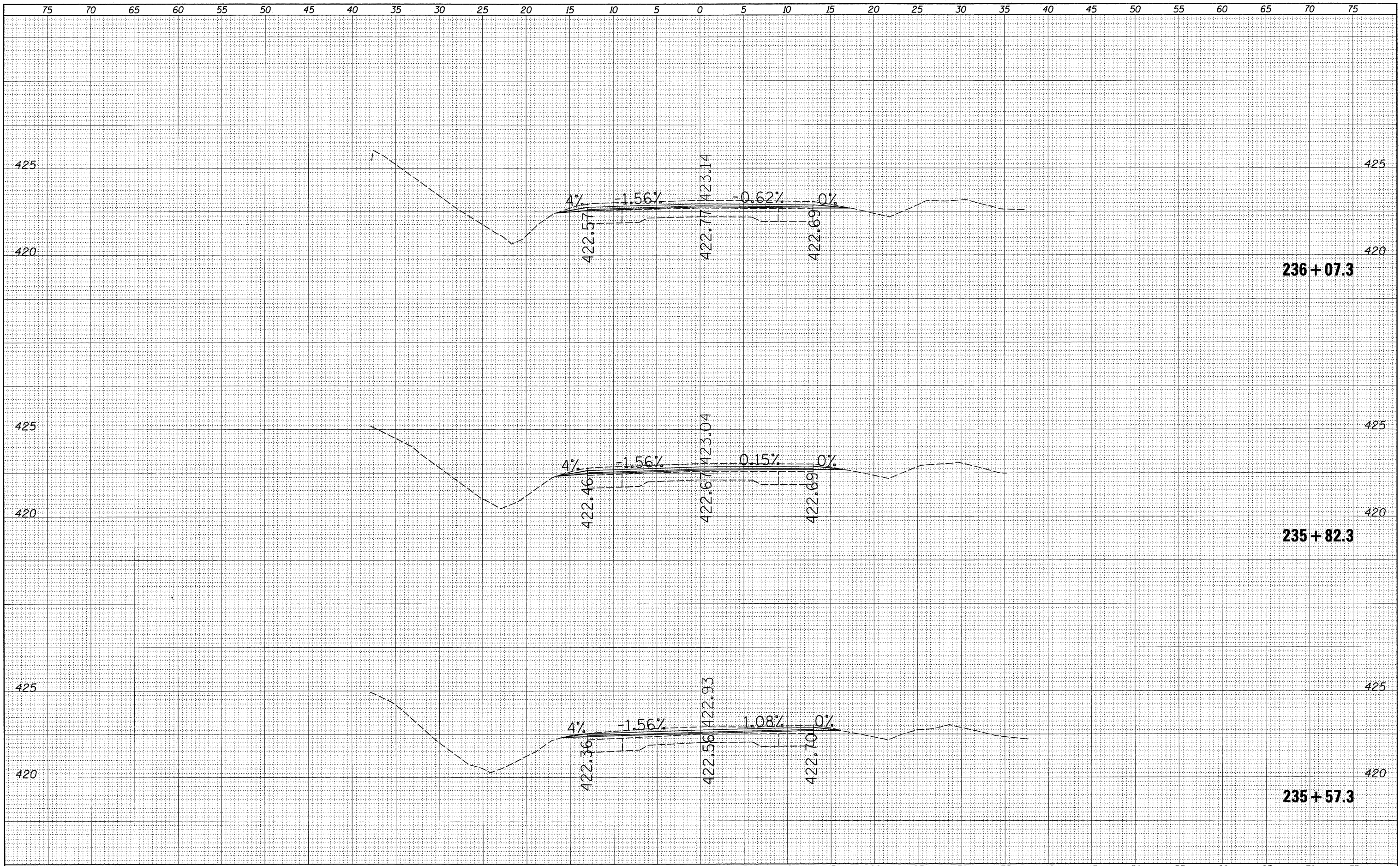
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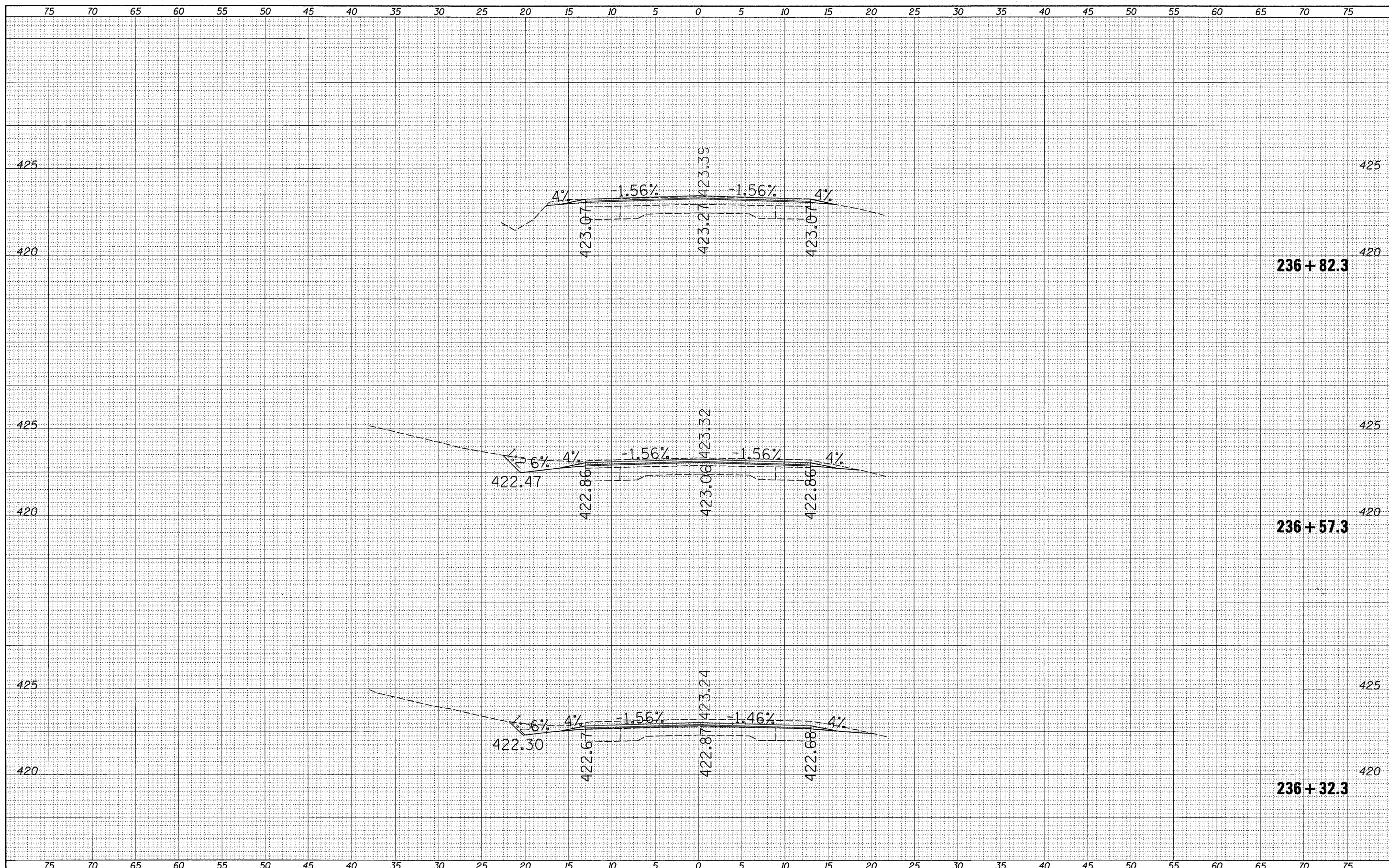
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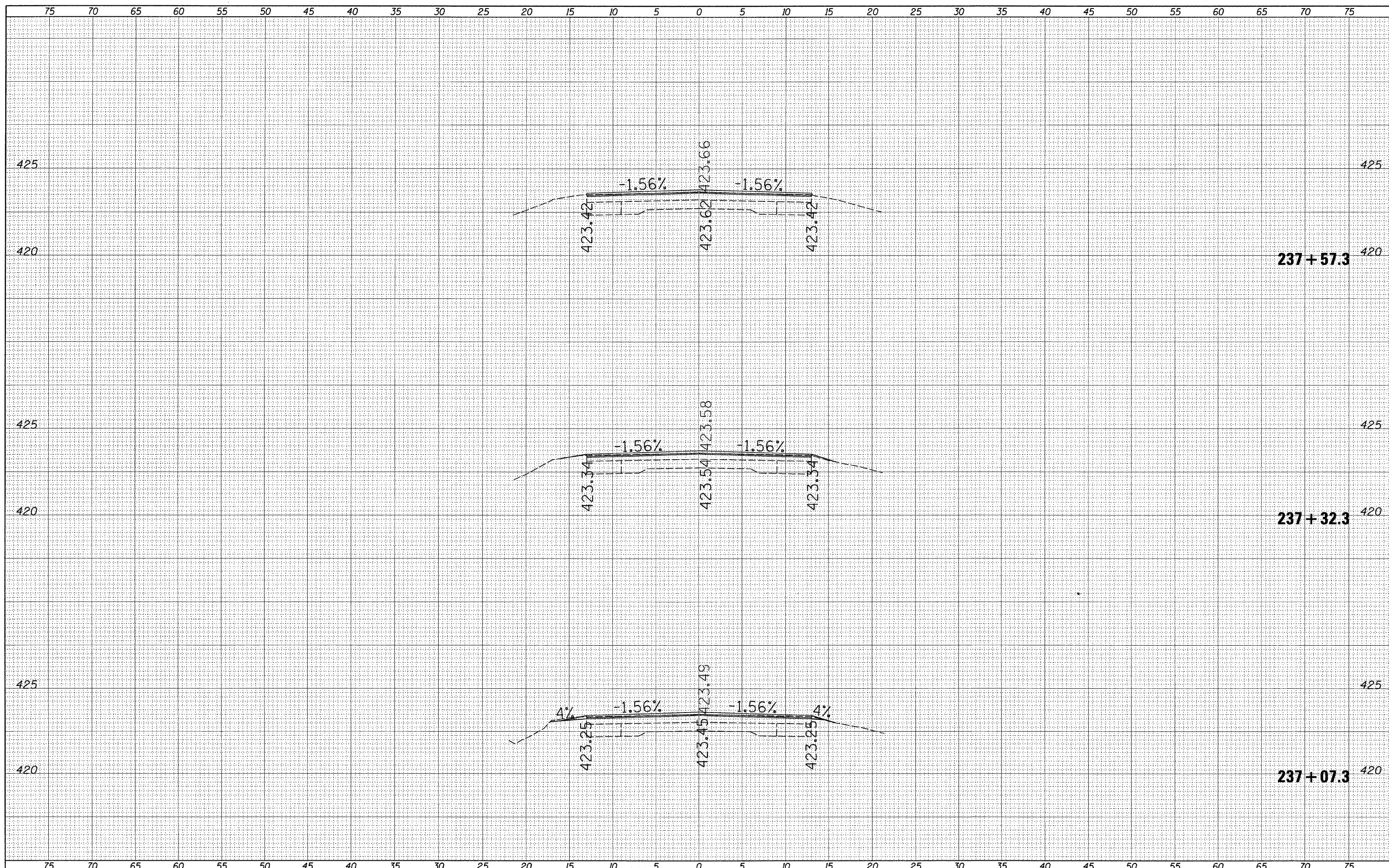
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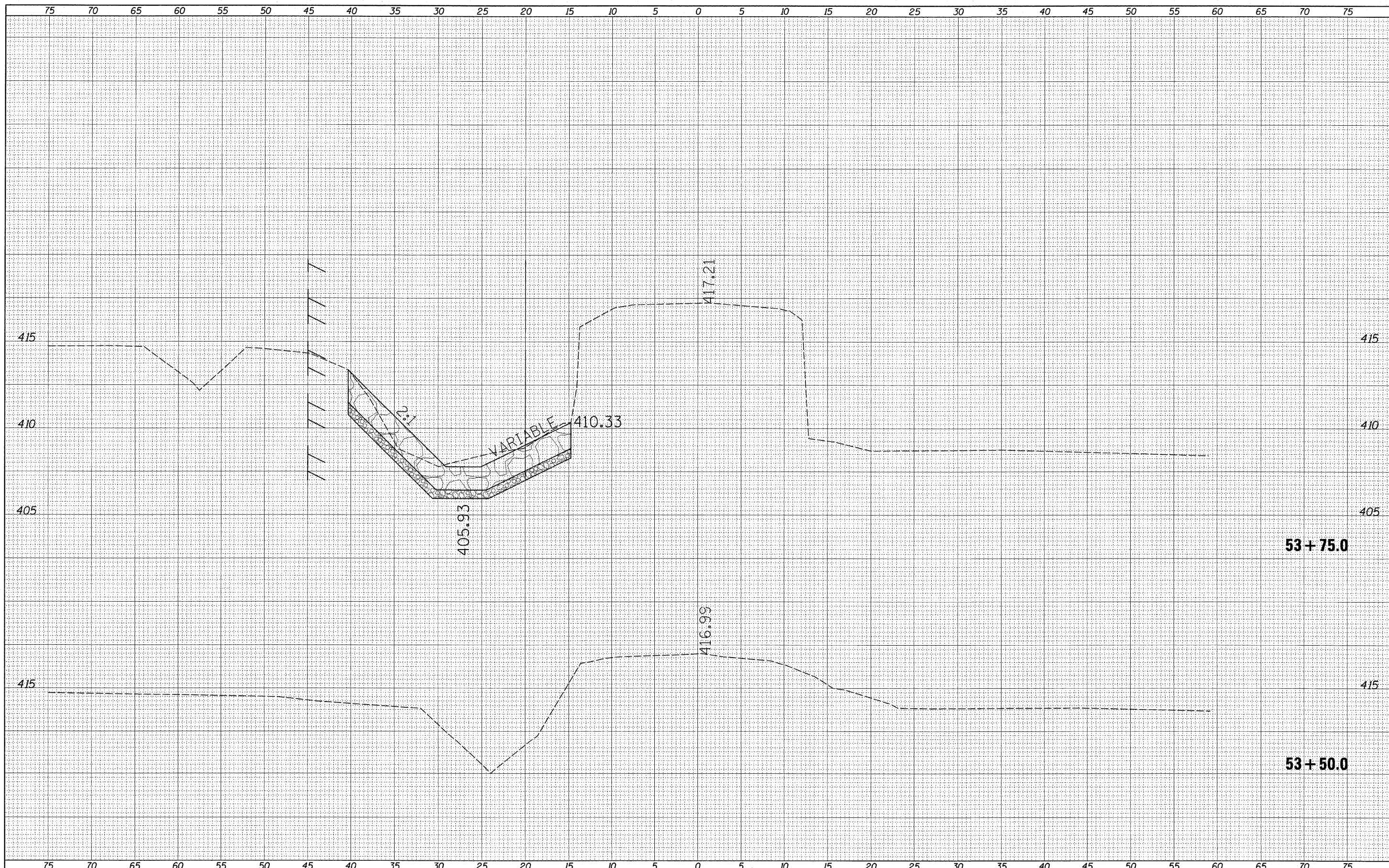
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| FILE NAME = | USER NAME = swartzw | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | MAINLINE CROSS SECTIONS U.S. 45 | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| c:\pwork\pwork\swartzw\d8177918\0774448-ah\ | xsm1.dgn | DRAWN - | REVISED - | | 328 | 104 RS-4 | Wayne | 77 | 71 | | |
| PLOT SCALE = 5.0000' / IN. | | CHECKED - | REVISED - | | CONTRACT NO. 74448 | | | | | | |
| PLOT DATE = 12/27/2010 | | DATE - | REVISED - | | SCALE: 5 SHEET NO. 22 OF 28 SHEETS STA. 237+07.3 TO STA. 237+57.3 | | | ILLINOIS FED. AID PROJECT | | | |

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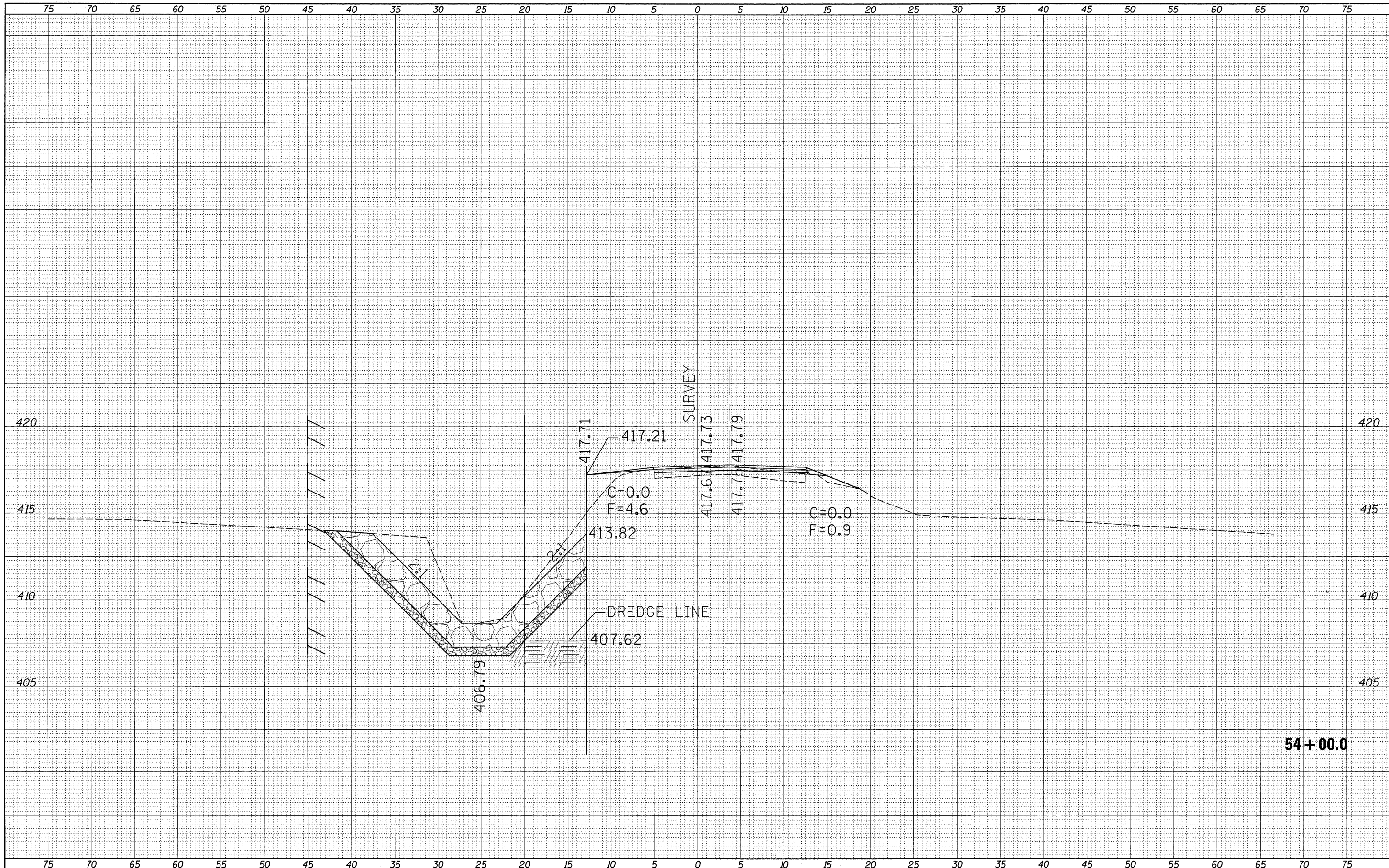
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| FILE NAME = | USER NAME = swartzrw | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | STATION CROSS SECTIONS NEW HOPE ROAD | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| ca:\pw_work\awidot\swartzrw\0177918\0774448-sh | xsostr.dgn | DRAWN - | REVISED - | | SCALE: 5 | SHEET NO. 23 OF 28 SHEETS | STA. 53+50.0 TO STA. 53+75.0 | 328 | 104 RS-4 | WAYNE | 77 | 72 |
| | PLOT SCALE = 5.0000' / IN. | CHECKED - | REVISED - | | | | | | | | CONTRACT NO. 74448 | |
| | PLOT DATE = 12/27/2018 | DATE - | REVISED - | | | | | | | | ILLINOIS FED. AID PROJECT | |

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USER NAME = swartzr
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

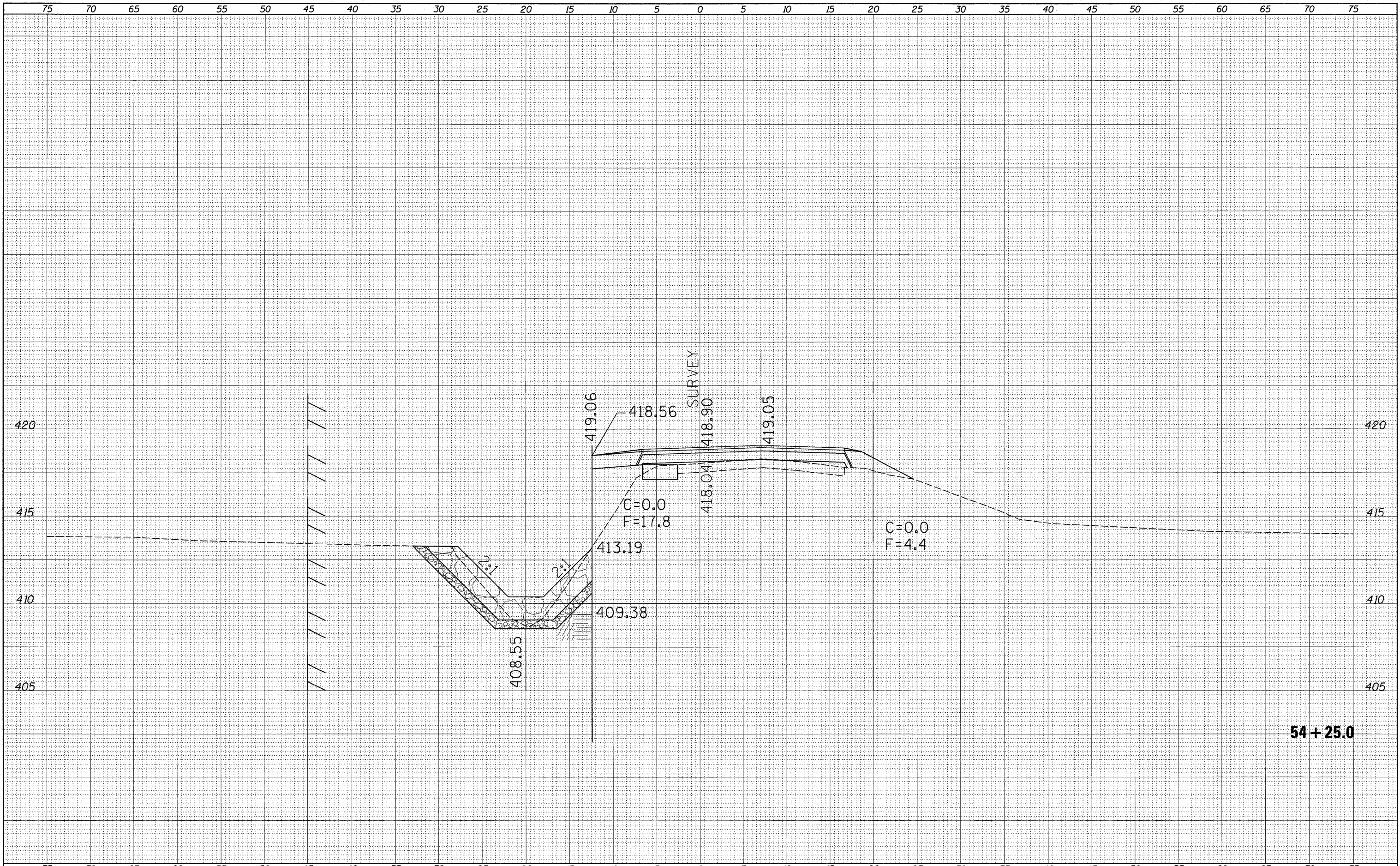
**STATION CROSS SECTIONS
 NEW HOPE ROAD**

SCALE: 5 SHEET NO. 24 OF 28 SHEETS STA. 54+00.0 TO STA. 54+00.0

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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 328 | 104 RS-4 | WAYNE | 77 | 73 |
| CONTRACT NO. 74448 | | | ILLINOIS FED. AID PROJECT | |

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| FILE NAME = | USER NAME = swartzw | DESIGNED - | REVISIED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | STATION CROSS SECTIONS NEW HOPE ROAD | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| c:\pw_work\pwidot\swartzw\d0177918\0774448-sh | xscsr.dgn | DRAWN - | REVISIED - | | 328 | 104 RS-4 | WAYNE | 77 | 74 | | |
| PLOT SCALE = 5.0000' / IN. | | CHECKED - | REVISIED - | | CONTRACT NO. 74448 | | | | | | |
| PLOT DATE = 12/27/2010 | | DATE - | REVISIED - | | ILLINOIS FED. AID PROJECT | | | | | | |
| | | | | SCALE: 5 | SHEET NO. 25 OF 28 SHEETS | | STA. 54+25.0 TO STA. 54+25.0 | | | | |

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