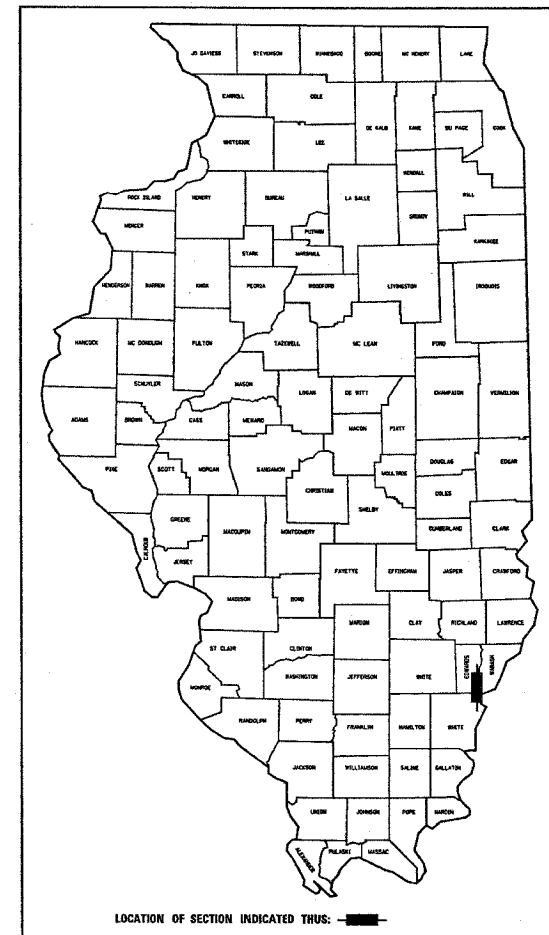


94652

| FAP R/L | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|------------|---------------|----------------------|-----------|
| 332 | (101Z)W,RS | WHITE/EDWARDS | 200 | 1 |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | FED. AID PROJECT NO. | |

D-97-021-01



LOCATION OF SECTION INDICATED THUS: [Symbol]

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED FEB 8 2005
Chris H. Reed
DEPUTY DIRECTOR OF HIGHWAYS, REGION FOUR ENGINEER

20

ENGINEER OF PROJECT DEVELOPMENT AND IMPLEMENTATION
May 13, 2005
Mike Hene
ENGINEER OF DESIGN AND ENVIRONMENT

May 13, 2005
Peter Moberg
DIRECTOR, DIVISION OF HIGHWAYS

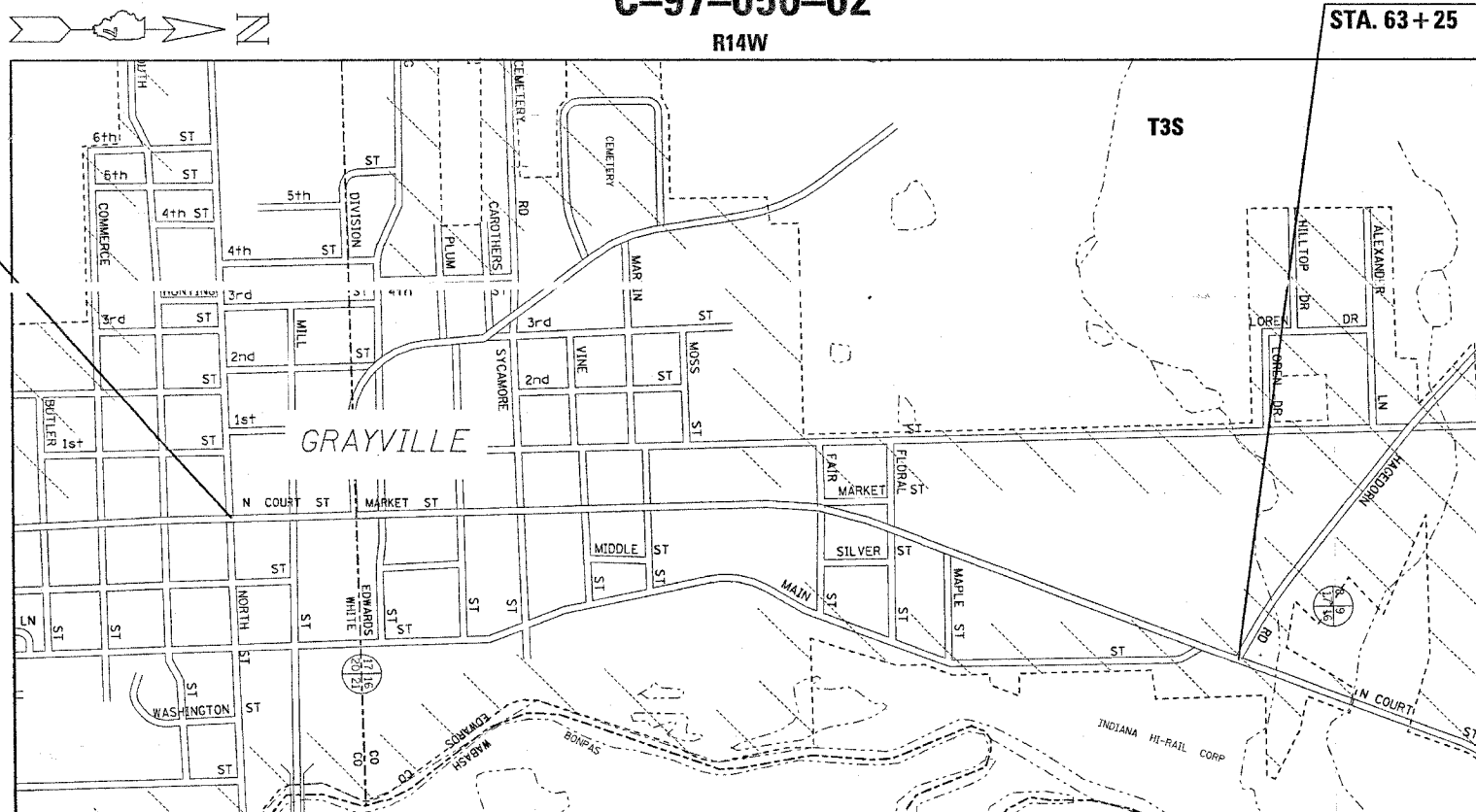
PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PLANS FOR PROPOSED
FEDERAL HIGHWAY PROJECT**

FAP ROUTE 332 (IL 1)
SECTION (101Z)W,RS
PROJECT NO. NHF-0332 (077)
WHITE AND EDWARDS COUNTIES

C-97-050-02
R14W

PROJECT ENDS
STA. 63+25



LOCATION MAP

GROSS LENGTH = 6.872 FEET = 1.30 MILES
NET LENGTH = 6.872 FEET = 1.30 MILES

SEAL

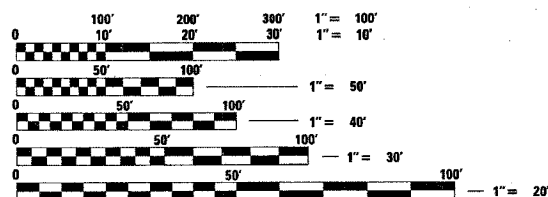
FOR INDEX OF SHEETS SEE SHEET 2

STATION EQUATIONS

STA. 849+30 BK = STA. 4+93.03 AH
STA. 24+50 BK = STA. 14+55.09 AH

2001 ADT = 8300

PROJECT BEGINS
STA. 848+85



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

CONTRACT NO. 94652

TOWNSHIP : ROAD DIST. *8 & GRAY

PROJECT ENGINEER : BILL STANLEY
 SQUAD LEADER : MYRA OLTMAN
 DESIGNER : MYRA OLTMAN
 TELEPHONE : 217/342-3951 EX 314
 MKS 2/2/05
 \94652\A\02101p.dgn
 REV: 1
 1 2 3 4 5 6 7 8 9
 10 11 12 13 14 15 16 17 18
 19 20 21 22 23 24 25 26 27
 28 29 30 31 32 33 34 35 36
 37 38 39 40 41 42 43 44 45
 46 47 48 49 50 51 52 53 54
 55 56 57 58 59 60 61 62 63

| FAP NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------|-----------|---------------|--------------|-----------|
| 332 | 1012/W,RS | WHITE/EDWARDS | 198 | 2 |

FED. ROAD DIST. NO. 7 ALLIANCE FED. AID PROJECT NO. CONTRACT NO. 94652

INDEX OF SHEETS

| SHEET NO. | ITEM |
|-----------|--|
| 1 | TITLE SHEET |
| 2 | INDEX OF SHEETS AND HIGHWAY STANDARDS |
| 3-4 | GENERAL NOTES |
| 5-10 | SUMMARY OF QUANTITIES |
| 11-13 | TYPICAL SECTIONS |
| 14-15 | URBAN ENTRANCE DETAILS AND SCHEDULE |
| 16-17 | REMOVAL SCHEDULES |
| 18 | RESURFACING SCHEDULES |
| 19 | PAVEMENT MARKING & MISCELLANEOUS SCHEDULES |
| 20 | EARTHWORK DETAIL AND SCHEDULE |
| 21 | SURVEY TIES AND BENCH MARKS |
| 22-33 | PLAN AND PROFILE SHEETS |
| 34-38 | STORM SEWER AND DRAINAGE STRUCTURE SCHEDULES |
| 39 | CHANNEL CHANGE DETAILS |
| 40-45 | RIGHT-OF-WAY PLAN SHEETS |
| 46-47 | INTERSECTION DETAILS |
| 48-49 | PAVEMENT MARKING DETAILS |
| 50 | EROSION CONTROL GENERAL NOTES |
| 51 | EROSION CONTROL SCHEDULES |
| 52-53 | MODULAR RETAINING WALL SYSTEM DETAIL |
| 54-58 | MODULAR RETAINING WALL DETAILS |
| 59-60 | LOCATION OF POSSIBLE CONTAMINATED SOIL |
| 61 | CULVERT EXTENSION DETAILS |
| 62 | CULVERT COLLAR DETAILS |
| 63 | RIPRAP DETAIL AND SCHEDULE |
| 64 | DETAIL OF PRECAST CONCRETE BOX CULVERT SECTION |
| 65 | DETAIL OF PRECAST CONCRETE BOX CULVERT END SECTION |
| 66-67 | TYPICAL APPLICATION OF PAVEMENT MARKINGS-CHANNELIZATION AND 2 LANE PAVEMENT 2 LANE PAVEMENT |
| 68-162 | CROSS SECTIONS |
| 163-183 | ENTRANCE CROSS SECTIONS |
| 184-185 | BOX CULVERT EXTENSION CROSS SECTIONS |
| 186-191 | CHANNEL CROSS SECTIONS |
| 192-198 | DIVISION STREET CROSS SECTIONS |

THE FOLLOWING STANDARDS ARE PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 198:

| STD. NO. | DESCRIPTION |
|-----------|---|
| 000001-04 | STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS |
| 001001 | AREAS OF REINFORCEMENT BARS |
| 280001-02 | TEMPORARY EROSION CONTROL SYSTEMS |
| 420001-05 | PAVEMENT JOINTS |
| 420111-01 | PCC PAVEMENT ROUNDOUTS |
| 420701-01 | PAVEMENT FABRIC |
| 424001-03 | CURB RAMPS FOR SIDEWALKS |
| 442201-01 | CLASS C AND D PATCHES |
| 542301 | PRECAST REINFORCED CONCRETE FLARED END SECTION |
| 542401 | METAL END SECTION FOR PIPE CULVERTS |
| 542606 | REINFORCED CONCRETE PIPE TEE |
| 602301 | INLET, TYPE A |
| 602306 | INLET, TYPE B |
| 602401 | MANHOLE, TYPE A |
| 602406-01 | MANHOLE, TYPE A, 1800 MM (72") DIAMETER |
| 602601 | PRECAST REINFORCED CONCRETE FLAT SLAB TOP |
| 604001-02 | FRAME AND LIDS, TYPE 1 |
| 604006-02 | FRAME AND GRATE, TYPE 3 |
| 604036-01 | GRATE, TYPE 8 |
| 604046-01 | FRAME AND GRATE, TYPE 10 |
| 606001-02 | CONCRETE CURB AND COMBINATION CONCRETE CURB AND GUTTER |
| 606006 | OUTLET FOR CONCRETE CURB AND GUTTER, TYPE B-15.60 |
| 606101-01 | TYPE A GUTTER (INLET, OUTLET, AND ENTRANCE) |
| 606106-02 | OUTLET AND DOUBLE OUTLET, TYPE 1, FOR TYPE A GUTTER |
| 606201 | TYPE B GUTTER |
| 667101 | PERMANENT SURVEY MARKERS |
| 701006-02 | OFF ROAD OPERATIONS 2L, 2W 4.5M (15') TO PAVEMENT EDGE FOR SPEEDS >= 45 MPH |
| 701301-02 | LANE CLOSURE, 2L 2W, SHORT TIME OPERATIONS |
| 701311-02 | LANE CLOSURE, 2L 2W, MOVING DAY ONLY OPERATIONS |
| 701501-03 | URBAN LANE CLOSURE, 2L, 2W UNDIVIDED |
| 701701-04 | URBAN LANE CLOSURE, MULTILANE INTERSECTION |
| 701801-03 | LANE CLOSURE, MULTILANE, 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE |
| 702001-05 | TRAFFIC CONTROL DEVICES |
| 780001-01 | TYPICAL PAVEMENT MARKINGS |
| 781001-02 | TYPICAL APPLICATIONS, RAISED REFLECTIVE PAVEMENT MARKERS |

| REVISIONS | |
|-----------|------|
| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
INDEX OF SHEETS
&
HIGHWAY STANDARDS
 SCALE: VERT. _____
 DATE: _____ DRAWN BY _____
 CHECKED BY _____

Revised 3/31/05

3/25/2005
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 SUP REV: 05-04-98
 INDEX

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 45 46 47 48 49 50 51 52 53 54
 55 56 57 58 59 60 61 62 63

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GENERAL NOTES CONTINUED

THE WORK OF REMOVING THE EXISTING MANHOLE AND INLETS AT THE LOCATIONS WHERE THE INLET OR OUTLET PIPES ARE TO BE ABANDONED WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR REMOVING MANHOLES, REMOVING INLETS. THIS PRICE SHALL INCLUDE REMOVING AND DISPOSING OF THE EXISTING STRUCTURE, SEALING AND PLUGGING THE INLET AND OUTLET PIPES, AND BACKFILLING.

THE PROPOSED STORM SEWER SHALL BE CONNECTED TO A REINFORCED BOX CULVERT AT THE STORM SEWER SCHEDULE POINTS 81 AND 88. THE CONNECTION TO THE BOX CULVERT SHALL REQUIRE THE REMOVAL OF A PORTION OF THE BOX CULVERT WALLS SUFFICIENT TO RECEIVE THE NEW STORM SEWER PIPE AND THE SEALING OF THE CONNECTION WITH MORTAR. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR STORM SEWER CONNECTION SPECIAL, WHICH PRICE SHALL INCLUDE ALL MATERIALS AND LABOR NECESSARY TO COMPLETE THIS WORK. TWO INLETS ARE TO BE CONSTRUCTED ON TOP OF A BOX CULVERT AT STORM SEWER SCHEDULE POINTS 84 AND 85. THIS WORK SHALL REQUIRE THE REMOVAL OF A PORTION OF THE TOP OF THE BOX CULVERT TO ALLOW DRAINAGE INTO THE BOX CULVERT, CONSTRUCTING AN INLET ON TOP OF THE BOX CULVERT SO AS TO BRING THE DRAINAGE FRAME AND GRATE TO THE REQUIRED ELEVATION, AND THE SEALING OF THE CONNECTION WITH MORTAR. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR DROP INLET SPECIAL, WHICH PRICE SHALL INCLUDE ALL MATERIALS, INCLUDING NEW TYPE 3 FRAME AND GRATES, AND LABOR NECESSARY TO COMPLETE THIS WORK.

AT LOCATIONS INDICATED ON THE PLANS PIPE TEES WILL BE REQUIRED. THE MATERIAL USED IN FABRICATING THE PIPE TEES SHALL BE THE SAME AS THE MATERIAL USED IN FABRICATING THE STORM SEWER OR PIPE CULVERT TO WHICH IT IS CONNECTED. THE TEES SHALL BE FACTORY FABRICATED. THE PIPE TEES WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR THE VARIOUS SIZE AND TYPE OF STORM SEWER SPECIFIED.

THE PROPOSED STORM SEWER SHALL BE CONNECTED TO EXISTING STORM SEWER, AND EXISTING STORM SEWER STRUCTURES AT VARIOUS LOCATIONS SHOWN ON THE PLANS. THE CONNECTIONS TO EXISTING PIPES SHALL INCLUDE THE REMOVAL OF A PORTION OF THE EXISTING PIPE TO RECEIVE THE NEW STORM SEWER PIPE AND THE SEALING OF THE CONNECTION WITH MORTAR. THE CONNECTIONS TO THE EXISTING MANHOLES AND INLETS MAY REQUIRE REMOVING EXISTING CONCRETE COLLARS AND PART OF THE DRAINAGE STRUCTURE WALLS TO PROPER DIAMETER OPENING TO ACCEPT NEW STORM SEWER PIPE AND SEALING THE CONNECTION WITH MORTAR. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE STORM SEWER OF THE SIZE INVOLVED.

THE PROPOSED STORM SEWER SHALL BE CONNECTED TO AN EXISTING REINFORCED BOX CULVERT AT THE STORM SEWER SCHEDULE POINT 81 AND 88. THE CONNECTION TO THE EXISTING BOX CULVERT SHALL REQUIRE THE REMOVAL OF A PORTION OF THE EXISTING BOX CULVERT WALLS SUFFICIENT TO RECEIVE THE NEW STORM SEWER PIPE AND THE SEALING OF THE CONNECTION WITH MORTAR. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR STORM SEWER CONNECTION SPECIAL, WHICH PRICE SHALL INCLUDE ALL MATERIALS AND LABOR NECESSARY TO COMPLETE THIS WORK. TWO INLETS ARE TO BE CONSTRUCTED ON TOP OF A BOX CULVERT AT STORM SEWER SCHEDULE POINTS 84 AND 85. THIS WORK SHALL REQUIRE THE REMOVAL OF A PORTION OF THE TOP OF THE BOX CULVERT TO ALLOW DRAINAGE INTO THE BOX CULVERT, CONSTRUCTING AN INLET ON TOP OF THE BOX CULVERT SO AS TO BRING THE DRAINAGE FRAME AND GRATE TO THE REQUIRED ELEVATION, AND THE SEALING OF THE CONNECTION WITH MORTAR. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR DROP INLET SPECIAL, WHICH PRICE SHALL INCLUDE ALL MATERIALS AND LABOR NECESSARY TO COMPLETE THIS WORK.

AT STATION 16+70, 10 FOOT RIGHT THE EXISTING STORM SEWER SHALL BE PLUGGED. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR STORM SEWER ITEMS.

AT POINT 140 THE PROPOSED STORM SEWER MEETS THE EXISTING STORM SEWER. THE CONTRACTOR SHALL CONNECT THE TWO STORM SEWER RUNS TOGETHER. THIS WORK WILL BE INCLUDED IN THE COST OF THE STORM SEWER OF THE SIZE INVOLVED.

A UNIFORMLY STRAIGHT SAW CUT SHALL BE MADE AT LOCATIONS WHERE PROPOSED CONSTRUCTION WILL ABUT EXISTING CONSTRUCTION. LOCATIONS INCLUDE BUT ARE NOT LIMITED TO, BITUMINOUS CONCRETE SURFACES, CONCRETE PAVEMENT, COMBINATION CONCRETE CURB & GUTTER, CONCRETE DRIVEWAY PAVEMENT OR CONCRETE SIDEWALK. THE SAW CUT SHALL BE MADE FULL DEPTH THROUGH THE EXISTING SURFACE. THIS WORK WILL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT ITEMS INVOLVED AND NO EXTRA COMPENSATION WILL BE ALLOWED.

THE CONTRACTOR SHALL REMOVE THE EXISTING BITUMINOUS CONCRETE SURFACE AT THE LOCATIONS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER SO AS TO MEET THE EXISTING PAVEMENT WITH A SAWEED BUTT JOINT. THE REMOVAL SHALL BE DONE IN A MANNER THAT WILL NOT DAMAGE THE UNDERLYING OR ADJACENT MATERIAL. THIS WORK WILL BE PAID FOR AT CONTRACT UNIT PRICE PER SQUARE YARD FOR BITUMINOUS SURFACE REMOVAL - BUTT JOINT.

ACCESS TO PRIVATE AND COMMERCIAL PROPERTIES AND SIDE STREETS SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AT ALL TIMES. TEMPORARY DRIVEWAYS, IF NECESSARY, SHALL BE CONSTRUCTED BY THE CONTRACTOR AS DESIGNATED BY THE ENGINEER. THIS WORK WILL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR TEMPORARY ACCESS (PRIVATE ENTRANCES), TEMPORARY ACCESS (COMMERCIAL ENTRANCES), OR TEMPORARY ACCESS (ROAD), WHICHEVER IS APPLICABLE.

THE EXISTING TRAFFIC CONTROL SIGNS WHICH INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AND RESET AS DIRECTED BY THE ENGINEER. UPON COMPLETION OF THE CONTRACT, THE EXISTING SIGNS SHALL BECOME THE PROPERTY OF THE DEPARTMENT OF TRANSPORTATION. THE DEPARTMENT OF TRANSPORTATION WILL INSTALL NEW TRAFFIC SIGNS THROUGHOUT THE PROJECT. THE EXISTING SIGNS WILL THEN BE REMOVED AND DELIVERED TO THE WEST MAINTENANCE YARD LOCATED ON ROUTE 40 WEST OF EFFINGHAM. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF THE VARIOUS TRAFFIC CONTROL ITEMS.

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

| | |
|---------------------------------|--------------------|
| BITUMINOUS CONCRETE | 112 LBS/SQ YD/INCH |
| BITUMINOUS MATERIALS PRIME COAT | 0.10 GALLONS/SQ YD |
| AGGREGATE PRIME COAT | 4 LBS/SQ YD |
| GRANULAR MATERIAL | 2.05 TON/CU YD |

BITUMINOUS MATERIALS (PRIME COAT), THE CONTRACTOR SHALL USE EITHER RC-70 OR AN EMULSIFIED POLYMER PRIME SS-1HP.

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

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

| | | |
|----------------------|--------------------------|--------------------------|
| MIXTURE USE: | SURFACE COURSE | LEVEL BINDER |
| APPLICATION: | BITUMINOUS CONCRETE | LEVEL BINDER |
| | SURFACE COURSE SUPERPAVE | MACHINE METHOD SUPERPAVE |
| PG GRADE: | PG 64-22 | PG 64-22 |
| RAP %: | 15% | 25% |
| DESIGN AIR VOIDS: | 4.0% @ NDESIGN = 70 | 4.0% @ NDESIGN = 70 |
| MIXTURE COMPOSITION: | IL-9.5 | IL-9.5 |
| FRICTION AGGREGATE: | MIXTURE D | N/A |

| | | |
|----------------------|-------------------------|-----------------------------|
| MIXTURE USE: | PAVEMENT PATCHING | BITUMINOUS MIXTURE COMPLETE |
| APPLICATION: | BITUMINOUS CONCRETE | BITUMINOUS CONCRETE |
| | BINDER COURSE SUPERPAVE | SURFACE COURSE SUPERPAVE |
| PG GRADE: | PG 64-22 | PG 64-22 |
| RAP %: | 25% | 15% |
| DESIGN AIR VOIDS: | 4.0% @ NDESIGN = 70 | 4.0% @ NDESIGN = 50 |
| MIXTURE COMPOSITION: | IL-19.0 | IL-9.5 |
| FRICTION AGGREGATE: | N/A | MIXTURE C |

| | | |
|----------------------|-------------------------------|------------------------|
| MIXTURE USE: | INCIDENTAL BITUMINOUS SURFACE | BITUMINOUS BASE COURSE |
| APPLICATION: | BITUMINOUS CONCRETE | BITUMINOUS BASE COURSE |
| | SURFACE COURSE SUPERPAVE | SUPERPAVE, 4/1/4" |
| PG GRADE: | PG 64-22 | PG 64-22 |
| RAP %: | 15% | 25% |
| DESIGN AIR VOIDS: | 4.0% @ NDESIGN = 50 | 4.0% @ NDESIGN = 70 |
| MIXTURE COMPOSITION: | IL-9.5 | IL-19.0 |
| FRICTION AGGREGATE: | MIXTURE C | N/A |

THE FOLLOWING UTILITY COMPANIES HAVE FACILITIES WITHIN THE LIMITS OF CONSTRUCTION. ADJUSTMENTS IN UTILITY LOCATIONS WILL BE MADE BY THE OWNER UNLESS OTHERWISE NOTED IN THE PLANS:

- AMEREN/CIPS-ELECTRIC GAS
- VERIZON NORTH-TELEPHONE
- CITY OF GRAYVILLE - WATER
- CITY OF GRAYVILLE - SANITARY SEWER
- CHARTER COMMUNICATIONS-CABLE TV

THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE. FIELD MARKINGS OF FACILITIES IN CRITICAL AREAS MAY BE OBTAINED BY PROVIDING A MINIMUM OF 96 HOURS ADVANCE NOTICE THROUGH THE J.U.L.I.E. SYSTEM BY CALLING 800-892-0123.

| FAP NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|------------|---------------|----------------------|-----------|
| 332 | 110121W,RS | WHITE/EDWARDS | 198 | 4 |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | FED. AID PROJECT NO. | |

CONTRACT NO. 94652

| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
|-----------|------|--|
| NAME | DATE | |
| | | <p style="text-align: center;">GENERAL NOTES</p> <p>SCALE: VERT. _____ HORIZ. _____ DATE _____</p> <p style="text-align: right;">DRAWN BY _____ CHECKED BY _____</p> |
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SUMMARY OF QUANTITIES

| FAP NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|-----------|---------------|----------------------|-----------|
| 332 | 11012W,RS | WHITE/EDWARDS | 198 | 7 |
| FED. ROAD DIST. NO. 1 | | ILLINOIS | FED. AID PROJECT NO. | |

CONTRACT NO. 94652

| SUMMARY OF QUANTITIES | | | TOTAL QUANTITIES | 80% FED./20% STATE | | CONSTRUCTION TYPE CODE | | | | |
|-----------------------|---|------|------------------|----------------------|------------------------|----------------------------------|------------------------------------|--|--|---------------------------|
| CODE NO | ITEM | UNIT | | WHITE COUNTY 1000-2A | EDWARDS COUNTY 1000-2A | 50% STATE 50% CITY WHITE SFTY-1B | 50% STATE 50% CITY EDWARDS SFTY-1B | | | 100% CITY EDWARDS SFTY-1B |
| 54001004 | BOX CULVERT END SECTION, CULVERT NO. 4 | EACH | 2 | | 2 | | | | | |
| 54002070 | EXPANSION BOLTS 3/4 INCH X 15 INCH | EACH | 48 | 8 | 40 | | | | | |
| 54010303 | PRECAST CONCRETE BOX CULVERT 3' X 3' | FOOT | 72.5 | 58.5 | 14 | | | | | |
| 54010404 | PRECAST CONCRETE BOX CULVERT 4' X 4' | FOOT | 73.5 | | 73.5 | | | | | |
| 54010504 | PRECAST CONCRETE BOX CULVERT 5' X 4' | FOOT | 42 | | 42 | | | | | |
| 54213660 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15" | EACH | 3 | 1 | 2 | | | | | |
| 54216185 | REINFORCED CONCRETE PIPE TEE, 15" PIPE WITH 12" RISER | EACH | 1 | | 1 | | | | | |
| 54216555 | REINFORCED CONCRETE PIPE TEE, 15" PIPE WITH 15" RISER | EACH | 11 | 1 | 10 | | | | | |
| 54216560 | REINFORCED CONCRETE PIPE TEE, 18" PIPE WITH 15" RISER | EACH | 3 | | 3 | | | | | |
| 54216570 | REINFORCED CONCRETE PIPE TEE, 24" PIPE WITH 15" RISER | EACH | 2 | | 2 | | | | | |
| 550A0050 | STORM SEWERS, CLASS A, TYPE 1 12" | FOOT | 89 | | 89 | | | | | |
| 550A0070 | STORM SEWERS, CLASS A, TYPE 1 15" | FOOT | 26 | | 26 | | | | | |
| 550A0360 | STORM SEWERS, CLASS A, TYPE 2 15" | FOOT | 2430 | 158 | 2272 | | | | | |
| 550A0380 | STORM SEWERS, CLASS A, TYPE 2 18" | FOOT | 418 | | 418 | | | | | |
| 550A0400 | STORM SEWERS, CLASS A, TYPE 2 21" | FOOT | 360 | | 360 | | | | | |
| 550A0420 | STORM SEWERS, CLASS A, TYPE 2 27" | FOOT | 651 | | 651 | | | | | |
| * 550A2320 | STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12" | FOOT | 52 | | 52 | | | | | |
| * 550A2330 | STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15" | FOOT | 211 | | 211 | | | | | |
| * 550A2530 | STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15" | FOOT | 1296 | 233 | 1063 | | | | | |
| * 550A2550 | STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 21" | FOOT | 73 | | 73 | | | | | |
| * 550A2560 | STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 24" | FOOT | 182 | | 182 | | | | | |
| 55100500 | STORM SEWER REMOVAL 12" | FOOT | 1218 | | 1218 | | | | | |
| 55100700 | STORM SEWER REMOVAL 15" | FOOT | 89 | 74 | 15 | | | | | |
| 55100900 | STORM SEWER REMOVAL 18" | FOOT | 853 | | 853 | | | | | |
| 55101200 | STORM SEWER REMOVAL 24" | FOOT | 47 | 47 | | | | | | |
| 551B0100 | STORM SEWER INSTALLATION, CLASS B 4" | FOOT | 16 | | 16 | | | | | |
| 551B0200 | STORM SEWER INSTALLATION, CLASS B 6" | FOOT | 16 | | 16 | | | | | |

* SPECIALTY ITEMS

| REVISIONS | |
|-----------|------|
| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

1 2 3 4 5 6 7 8 9
 10 11 12 13 14 15 16 17 18
 19 20 21 22 23 24 25 26 27
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|-----------------------|------------|----------------------|--------------------|-----------|
| FAP NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | (1012)W,RS | WHITE/EDWARDS | 198 | 8 |
| FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT NO. | CONTRACT NO. 94652 | |

SUMMARY OF QUANTITIES

| SUMMARY OF QUANTITIES | | | TOTAL QUANTITIES | 801.FED./201.STATE | | CONSTRUCTION TYPE CODE | | | | |
|-----------------------|--|-------|------------------|----------------------|------------------------|----------------------------------|------------------------------------|--|--|---------------------------|
| CODE NO | ITEM | UNIT | | WHITE COUNTY 1000-2A | EDWARDS COUNTY 1000-2A | 501.STATE 501.CITY WHITE SFTY-1B | 501.STATE 501.CITY EDWARDS SFTY-1B | | | 100% CITY EDWARDS SFTY-1B |
| * 56300100 | ADJUSTING SANITARY SEWERS, 8-INCH DIAMETER OR LESS | FOOT | 400 | 100 | 300 | | | | | |
| 60218400 | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 18 | 2 | 16 | | | | | |
| 60218500 | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME, AND GRATE | EACH | 14 | 3 | 11 | | | | | |
| 60219000 | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE | EACH | 4 | | 4 | | | | | |
| 60221100 | MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 3 | | 3 | | | | | |
| 60235700 | INLETS, TYPE A, TYPE 3 FRAME AND GRATE | EACH | 37 | 5 | 32 | | | | | |
| 60236200 | INLETS, TYPE A, TYPE 8 GRATE | EACH | 9 | 1 | 8 | | | | | |
| 60236700 | INLETS, TYPE A, TYPE 10 FRAME AND GRATE | EACH | 4 | | 4 | | | | | |
| 60240220 | INLETS, TYPE B, TYPE 3 FRAME AND GRATE | EACH | 12 | 2 | 10 | | | | | |
| 60240301 | INLETS, TYPE B, TYPE 8 GRATE | EACH | 5 | | 5 | | | | | |
| 60240305 | INLETS, TYPE B, TYPE 10 FRAME AND GRATE | EACH | 1 | | 1 | | | | | |
| 60255500 | MANHOLES TO BE ADJUSTED | EACH | 7 | | 7 | | | | | |
| 60255800 | MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID | EACH | 1 | 1 | | | | | | |
| 60263100 | INLETS TO BE RECONSTRUCTED WITH NEW TYPE 3 FRAME AND GRATE | EACH | 1 | | 1 | | | | | |
| 60300305 | FRAMES AND LIDS TO BE ADJUSTED | EACH | 7 | 1 | 6 | | | | | |
| 60500040 | REMOVING MANHOLES | EACH | 8 | 1 | 7 | | | | | |
| 60500060 | REMOVING INLETS | EACH | 16 | 2 | 14 | | | | | |
| 60500070 | REMOVING MANHOLES TO MAINTAIN FLOW | EACH | 4 | 1 | 3 | | | | | |
| 60500090 | REMOVING INLETS TO MAINTAIN FLOW | EACH | 1 | 1 | | | | | | |
| 60600095 | CLASS SI CONCRETE (OUTLET) | CU YD | 0.7 | | 0.7 | | | | | |
| 60603500 | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06 | FOOT | 619 | 236 | 383 | | | | | |
| 60605000 | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 | FOOT | 10679 | 1540 | 9139 | | | | | |
| 60608600 | COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06 | FOOT | 13.5 | 13.5 | | | | | | |
| 60610400 | COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24 | FOOT | 17.5 | 17.5 | | | | | | |
| 60618300 | CONCRETE MEDIAN SURFACE, 4 INCH | SQ FT | 78 | 78 | | | | | | |
| 60621600 | CONCRETE MEDIAN, TYPE SM | SQ FT | 66 | 66 | | | | | | |
| 63400205 | GUARD POSTS REMOVAL | EACH | 6 | 6 | | | | | | |

* SPECIALTY ITEMS

| REVISIONS | |
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ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

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 CHECKED BY _____

1 2 3 4 5 6 7 8 9 MKS 2/8/05
 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63

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 MKS 2/8/05

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 37 38 39 40 41 42 43 44 45
 46 47 48 49 50 51 52 53 54
 55 56 57 58 59 60 61 62 63
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SUMMARY OF QUANTITIES

| | | | | |
|-----------------------|-----------|---------------|----------------------|-----------|
| FAP NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | (1012)WRS | WHITE/EDWARDS | 198 | 9 |
| FED. ROAD DIST. NO. 7 | | ALIGNMENT | FED. AID PROJECT NO. | |
| CONTRACT NO. 94652 | | | | |

| SUMMARY OF QUANTITIES | | | TOTAL QUANTITIES | 80% FED./20% STATE | | CONSTRUCTION TYPE CODE | | |
|-----------------------|--|--------|------------------|----------------------|------------------------|----------------------------------|------------------------------------|---------------------------|
| CODE NO | ITEM | UNIT | | WHITE COUNTY 1000-2A | EDWARDS COUNTY 1000-2A | 50% STATE 50% CITY WHITE SFTY-IB | 50% STATE 50% CITY EDWARDS SFTY-IB | 100% CITY EDWARDS SFTY-IB |
| * 66900200 | NON-SPECIAL WASTE DISPOSAL | CU YD | 300 | | 300 | | | |
| * 66900450 | SPECIAL WASTE PLANS AND REPORT | L SUM | 1 | | 1 | | | |
| * 66900530 | SOIL DISPOSAL ANALYSIS | EACH | 4 | | 4 | | | |
| 67000400 | ENGINEER'S FIELD OFFICE, TYPE A | CAL MO | 14 | 2 | 12 | | | |
| 67100100 | MOBILIZATION | L SUM | 1 | 0.2 | 0.8 | | | |
| 70102620 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701501 | L SUM | 1 | 0.2 | 0.8 | | | |
| 70102635 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701701 | L SUM | 1 | 0.2 | 0.8 | | | |
| 70102640 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701801 | L SUM | 1 | 0.2 | 0.8 | | | |
| 70103815 | TRAFFIC CONTROL SURVEILLANCE | CAL DA | 50 | 10 | 40 | | | |
| 70300100 | SHORT-TERM PAVEMENT MARKING | FOOT | 2062 | 234 | 1828 | | | |
| 70300210 | TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS | SQ FT | 32 | | 32 | | | |
| 70300220 | TEMPORARY PAVEMENT MARKING - LINE 4" | FOOT | 6238 | 195 | 6043 | | | |
| 70300240 | TEMPORARY PAVEMENT MARKING - LINE 6" | FOOT | 628 | 424 | 204 | | | |
| 70300260 | TEMPORARY PAVEMENT MARKING - LINE 12" | FOOT | 723 | | 723 | | | |
| 70300280 | TEMPORARY PAVEMENT MARKING - LINE 24" | FOOT | 111 | 111 | | | | |
| 70301000 | WORK ZONE PAVEMENT MARKING REMOVAL | SQ FT | 229 | 26 | 203 | | | |
| * 78000100 | THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS | SQ FT | 32 | | 32 | | | |
| * 78000200 | THERMOPLASTIC PAVEMENT MARKING - LINE 4" | FOOT | 6238 | 195 | 6043 | | | |
| * 78000400 | THERMOPLASTIC PAVEMENT MARKING - LINE 6" | FOOT | 628 | 424 | 204 | | | |
| * 78000600 | THERMOPLASTIC PAVEMENT MARKING - LINE 12" | FOOT | 723 | | 723 | | | |
| * 78000650 | THERMOPLASTIC PAVEMENT MARKING - LINE 24" | FOOT | 111 | 111 | | | | |
| * 78100100 | RAISED REFLECTIVE PAVEMENT MARKER | EACH | 162 | 10 | 152 | | | |
| X0322118 | REMOVE CONCRETE FLARED END SECTIONS | EACH | 1 | | 1 | | | |
| X0322936 | REMOVE EXISTING FLARED END SECTION | EACH | 1 | | 1 | | | |
| X0323394 | DROP INLET, SPECIAL | EACH | 2 | | 2 | | | |

* SPECIALTY ITEMS

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ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
 SCALE: VERT. _____
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 CHECKED BY _____

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 1 2 3 4 5 6 7 8 9
 10 11 12 13 14 15 16 17 18
 19 20 21 22 23 24 25 26 27
 28 29 30 31 32 33 34 35 36
 37 38 39 40 41 42 43 44
 45 46 47 48 49 50 51 52 53 54
 55 56 57 58 59 60 61 62 63

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SUMMARY OF QUANTITIES

| | | | | |
|-----------------------|-----------|---------------|----------------------|-----------|
| FAP NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | (101)W,RS | WHITE/EDWARDS | 198 | 10 |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | FED. AID PROJECT NO. | |
| CONTRACT NO. 94652 | | | | |

| SUMMARY OF QUANTITIES | | | TOTAL QUANTITIES | CONSTRUCTION TYPE CODE | | | | |
|-----------------------|--|-------|------------------|------------------------|------------------------|---------------------|-----------------------|---------------------------|
| CODE NO | ITEM | UNIT | | WHITE COUNTY 1000-2A | EDWARDS COUNTY 1000-2A | 50/50 WHITE SFTY-1B | 50/50 EDWARDS SFTY-1B | 100% CITY EDWARDS SFTY-1B |
| X3550105 | BITUMINOUS BASE COURSE SUPERPAVE 4 1/4" | SQ YD | 161 | | 161 | | | |
| X4021000 | TEMPORARY ACCESS (PRIVATE ENTRANCE) | EACH | 14 | 2 | 12 | | | |
| X4022000 | TEMPORARY ACCESS (COMMERCIAL ENTRANCE) | EACH | 43 | 6 | 37 | | | |
| X4023000 | TEMPORARY ACCESS (ROAD) | EACH | 18 | 3 | 15 | | | |
| X4066426 | BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70 | TON | 2106 | 311 | 1795 | | | |
| X4066770 | LEVELING BINDER (MACHINE METHOD), SUPERPAVE N70 | TON | 1275 | 230 | 1045 | | | |
| X4080020 | INCIDENTAL BITUMINOUS SURFACING, SUPERPAVE, N50 | TON | 50 | 22.5 | 27.5 | | | |
| X4409410 | BITUMINOUS SURFACE REMOVAL 2 1/4" | SQ YD | 8016 | | 8016 | | | |
| XX000717 | STORM SEWER CONNECTION, SPECIAL | EACH | 2 | | 2 | | | |
| XX000865 | REINFORCED CONCRETE PIPE TEE, 21" PIPE WITH 15" RISER | EACH | 2 | | 2 | | | |
| Z0007601 | BUILDING REMOVAL NO. 1 | L SUM | 1 | 1 | | | | |
| Z0007602 | BUILDING REMOVAL NO. 2 | L SUM | 1 | | 1 | | | |
| Z0007603 | BUILDING REMOVAL NO. 3 | L SUM | 1 | 1 | | | | |
| Z0025500 | FURNISHING AND INSTALLING PROPERTY MARKERS | EACH | 7 | | 7 | | | |
| Z0034730 | MODULAR RETAINING WALL SYSTEM | SQ FT | 2263 | | 2263 | | | |
| * Z0049801 | REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 1 | L SUM | 1 | 1 | | | | |
| * Z0049901 | REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 1 | L SUM | 1 | 1 | | | | |
| * Z0049903 | REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 3 | L SUM | 1 | 1 | | | | |
| ⊙ Z0076600 | TRAINEES | HOUR | 500 | 250 | 250 | | | |

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ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
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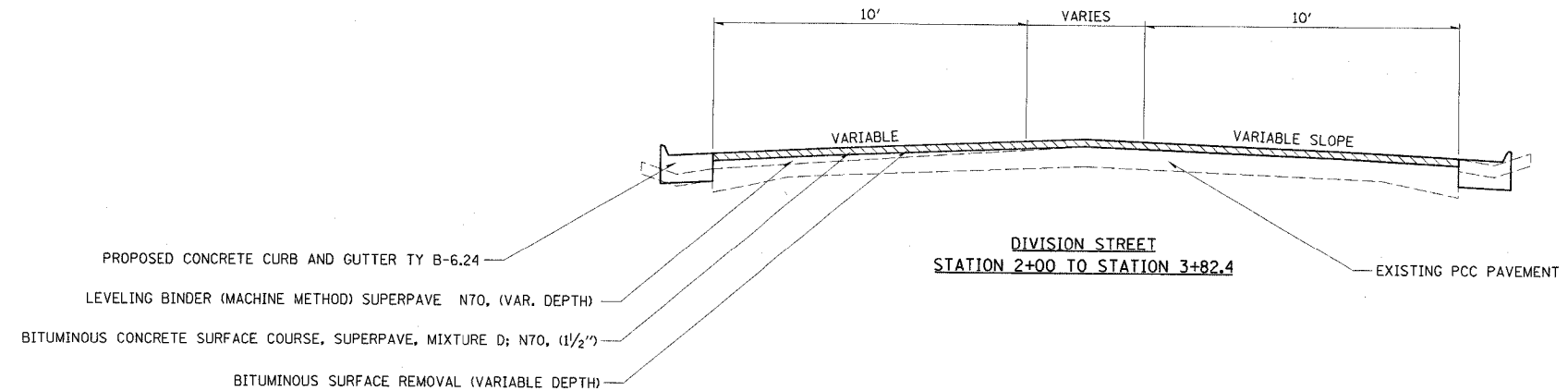
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| FAP A/E | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|------------|---------------|----------------------|-----------|
| 332 | (101Z)W,RS | WHITE/EDWARDS | 198 | 11 |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | FED. AID PROJECT NO. | |

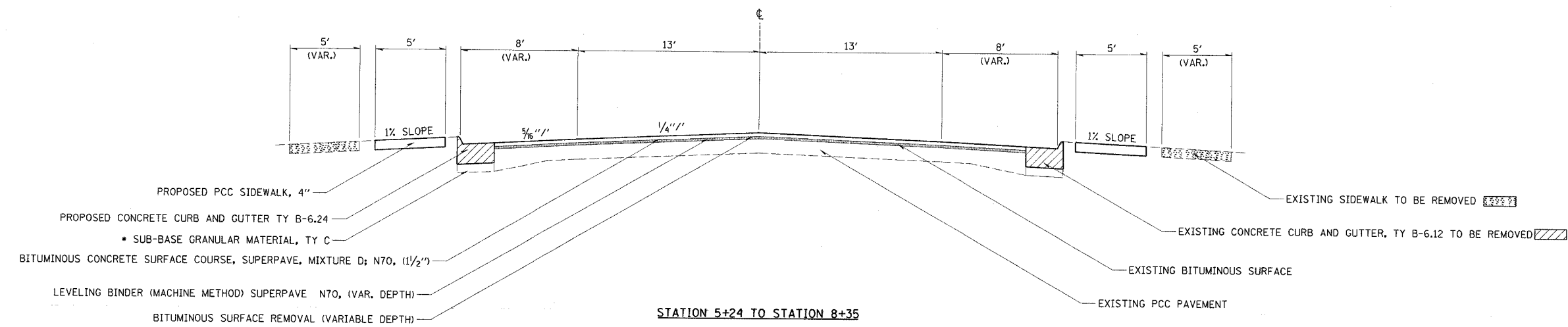
CONTRACT NO. 94652

- NOTE:
1. LEVEL BINDER SHALL BE USED TO MEET PROPOSED PAVEMENT SLOPE.
 2. LEFT STATION 2+00 TO 2+85 SHALL BE MILLED 1/4" 1/2".



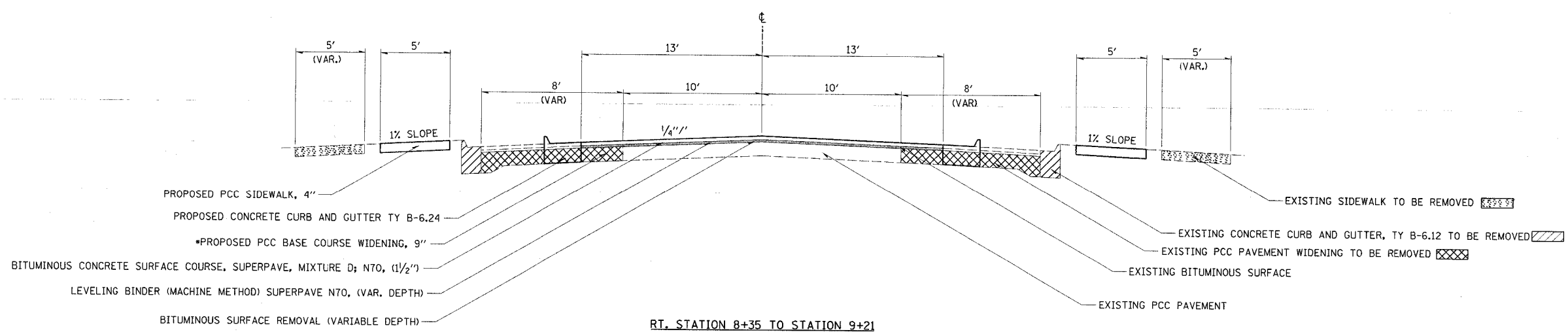
- PROPOSED CONCRETE CURB AND GUTTER TY B-6.24
- LEVELING BINDER (MACHINE METHOD) SUPERPAVE N70, (VAR. DEPTH)
- BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE D; N70, (1 1/2")
- BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)

EXISTING PCC PAVEMENT



- PROPOSED PCC SIDEWALK, 4"
- PROPOSED CONCRETE CURB AND GUTTER TY B-6.24
- SUB-BASE GRANULAR MATERIAL, TY C
- BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE D; N70, (1 1/2")
- LEVELING BINDER (MACHINE METHOD) SUPERPAVE N70, (VAR. DEPTH)
- BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)

- EXISTING SIDEWALK TO BE REMOVED
- EXISTING CONCRETE CURB AND GUTTER, TY B-6.12 TO BE REMOVED
- EXISTING BITUMINOUS SURFACE
- EXISTING PCC PAVEMENT



- PROPOSED PCC SIDEWALK, 4"
- PROPOSED CONCRETE CURB AND GUTTER TY B-6.24
- PROPOSED PCC BASE COURSE WIDENING, 9"
- BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE D; N70, (1 1/2")
- LEVELING BINDER (MACHINE METHOD) SUPERPAVE N70, (VAR. DEPTH)
- BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)

- EXISTING SIDEWALK TO BE REMOVED
- EXISTING CONCRETE CURB AND GUTTER, TY B-6.12 TO BE REMOVED
- EXISTING PCC PAVEMENT WIDENING TO BE REMOVED
- EXISTING BITUMINOUS SURFACE
- EXISTING PCC PAVEMENT

RT. STATION 8+35 TO STATION 9+21
 LT. STATION 8+35 TO STATION 10+90

NOTE: LEVELING BINDER (MACHINE METHOD) SUPERPAVE IL 9.5. N70 SHALL BE CONSTRUCTED BEFORE THE PCC BASE COURSE WIDENING, 9"

• USE TO BRING SUBGRADE TO PROPOSED CONCRETE CURB & GUTTER, TY B-6.24 GRADE

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ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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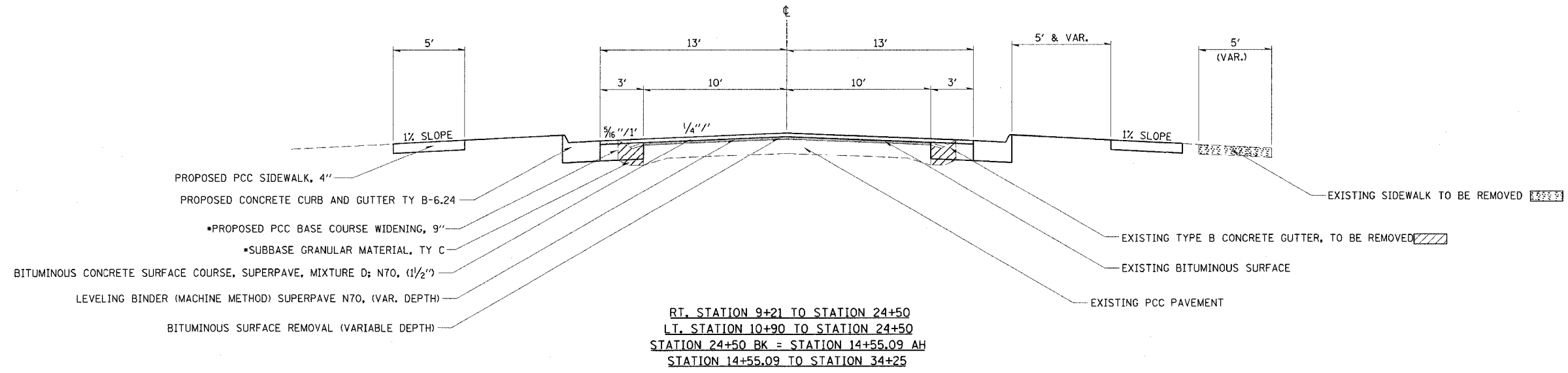
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TYP2

| FAP # | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| 332 | (1012)W,RS | WHITE/EDWARDS | 198 | 12 |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | FED. AID PROJECT NO. | |

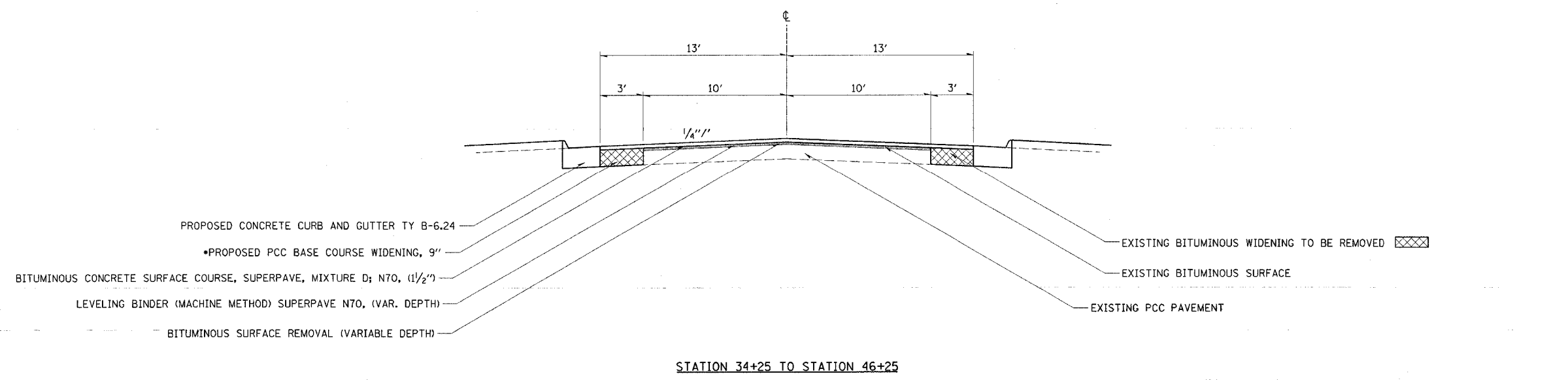
CONTRACT NO. 94652



- PROPOSED PCC SIDEWALK, 4"
- PROPOSED CONCRETE CURB AND GUTTER TY B-6.24
- PROPOSED PCC BASE COURSE WIDENING, 9"
- SUBBASE GRANULAR MATERIAL, TY C
- BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE D; N70, (1 1/2")
- LEVELING BINDER (MACHINE METHOD) SUPERPAVE N70, (VAR. DEPTH)
- BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)

- EXISTING SIDEWALK TO BE REMOVED
- EXISTING TYPE B CONCRETE GUTTER, TO BE REMOVED
- EXISTING BITUMINOUS SURFACE
- EXISTING PCC PAVEMENT

RT. STATION 9+21 TO STATION 24+50
 LT. STATION 10+90 TO STATION 24+50
 STATION 24+50 BK = STATION 14+55.09 AH
 STATION 14+55.09 TO STATION 34+25



- PROPOSED CONCRETE CURB AND GUTTER TY B-6.24
- PROPOSED PCC BASE COURSE WIDENING, 9"
- BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE D; N70, (1 1/2")
- LEVELING BINDER (MACHINE METHOD) SUPERPAVE N70, (VAR. DEPTH)
- BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)

- EXISTING BITUMINOUS WIDENING TO BE REMOVED
- EXISTING BITUMINOUS SURFACE
- EXISTING PCC PAVEMENT

STATION 34+25 TO STATION 46+25

• USE TO BRING SUBGRADE TO PROPOSED PCC BASE COURSE WIDENING GRADE

NOTE: LEVELING BINDER (MACHINE METHOD) SUPERPAVE IL 9.5. N70 SHALL BE CONSTRUCTED BEFORE THE PCC BASE COURSE WIDENING, 9"

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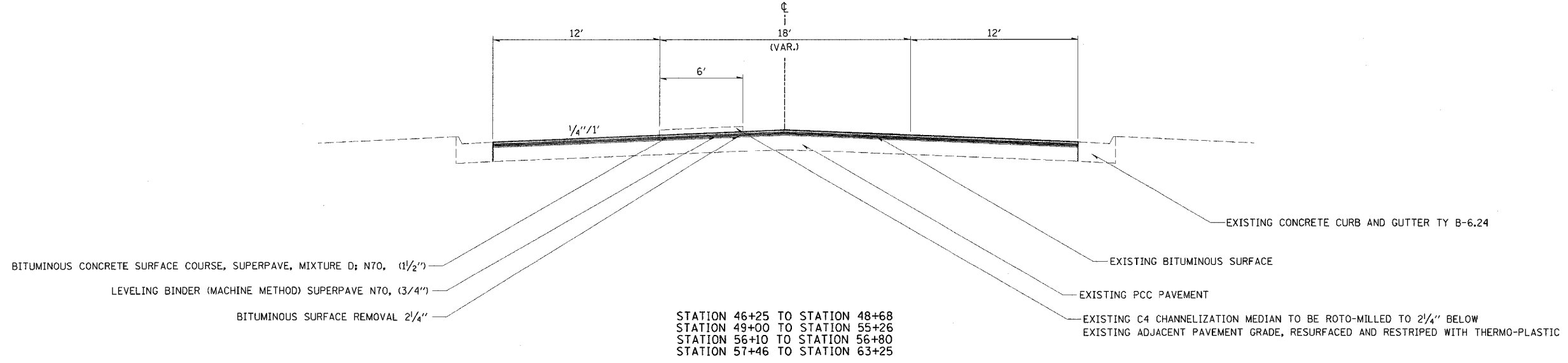
ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

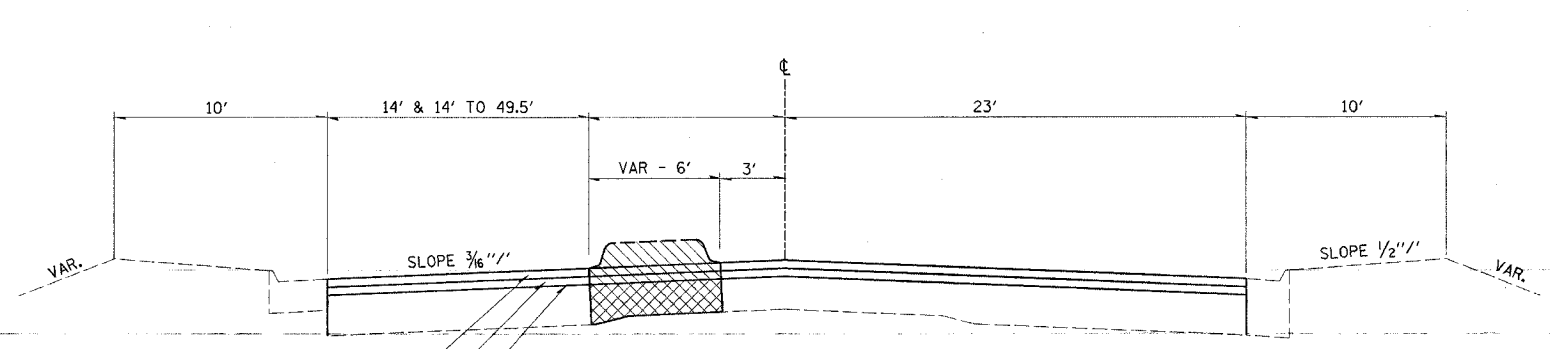
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| FAP A/C | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|------------|---------------|----------------------|-----------|
| 332 | (101Z)W,RS | WHITE/EDWARDS | 198 | 13 |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | FED. AID PROJECT NO. | |
| CONTRACT NO. 94652 | | | | |



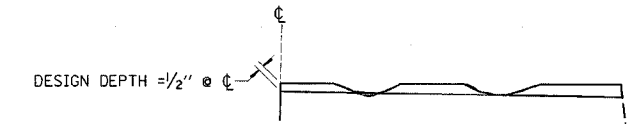
STATION 46+25 TO STATION 48+68
 STATION 49+00 TO STATION 55+26
 STATION 56+10 TO STATION 56+80
 STATION 57+46 TO STATION 63+25



BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE D; N70, (1/2")
 LEVELING BINDER (MACHINE METHOD) SUPERPAVE, N70, (3/4")
 BITUMINOUS SURFACE REMOVAL 2/4"

STATION 48+68 TO STATION 49+00
 STATION 55+26 TO STATION 56+10
 STATION 56+80 TO STATION 57+46

BITUMINOUS BASE COURSE, SUPERPAVE 4/4"
 MEDIAN REMOVAL



- NOTES:**
- MILLING SHALL BE DONE TO ATTAIN A 3/16" SLOPE IN CROWN SECTIONS
 - EXISTING S.E. AND S.E. TRANSITIONS SHALL BE MAINTAINED UNLESS OTHERWISE SHOWN ON THE PLANS.
 - MILLING TO THE BOTTOM OF WHEEL RUTS SHALL NOT BE NECESSARY UNLESS REQUIRED TO OBTAIN SLOPE OR THE DESIGN DEPTH AT CENTERLINE.
 - THE AVERAGE DEPTH OF MILLING IS ESTIMATED TO BE 1/2" BUT MAY VARY IN ISOLATED LOCATIONS.

BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH) DETAIL

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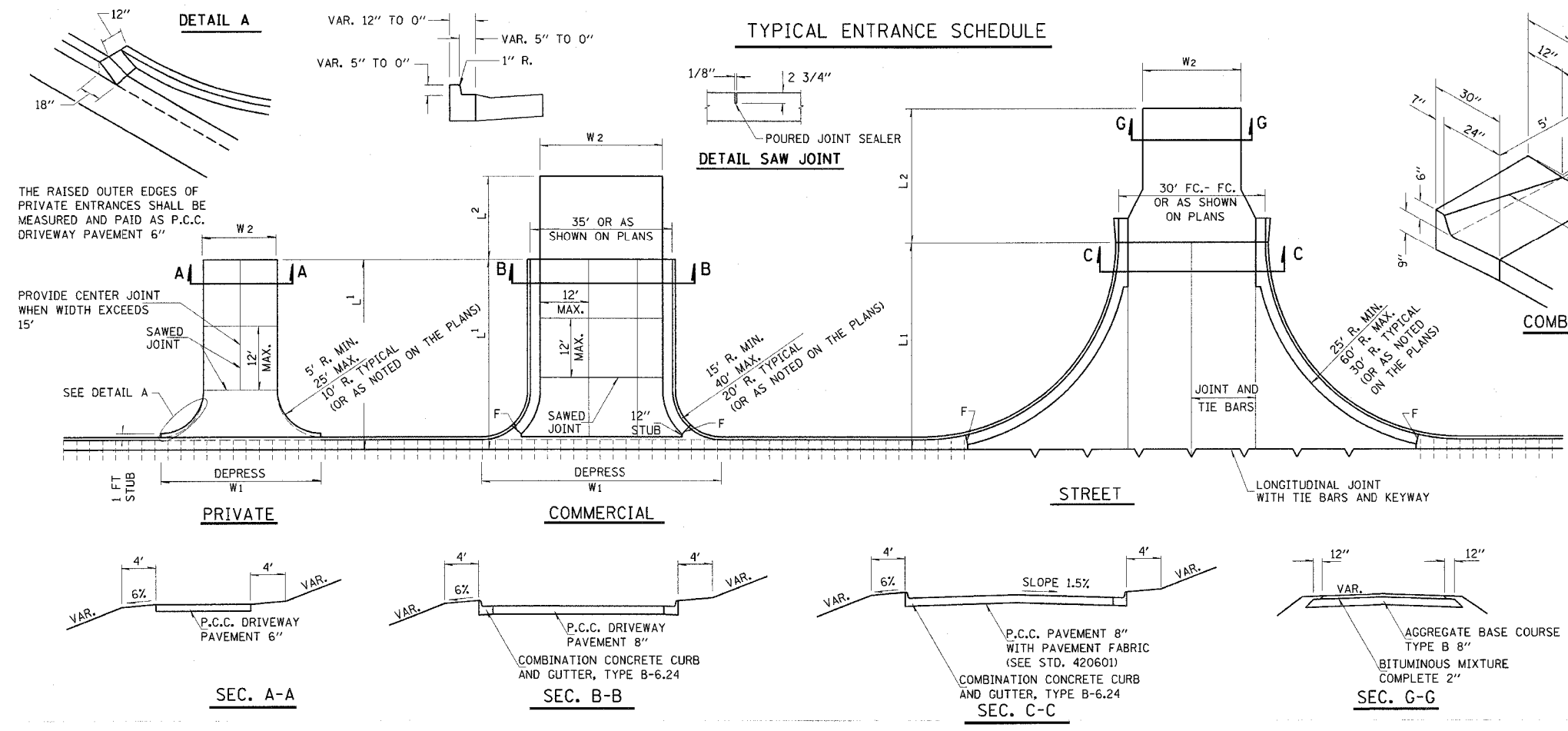
ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS & BITUMINOUS SURFACE REMOVAL
 SCALE: VERT. _____
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| FAP # | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|------------|---------------|--------------|----------------------|
| 332 | 1101Z\W,RS | WHITE/EDWARDS | 198 | 14 |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | | FED. AID PROJECT NO. |

CONTRACT NO. 94652



THIS WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH APPLICABLE PORTIONS OF STANDARD 606001 AND SECTION 606 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

SPECIAL OUTLET FOR COMBINATION CURB AND GUTTER B-6.24

NOTES

- OMIT TIE BARS WITHIN 15' OF MAINLINE PAVEMENT CONTRACTION JOINT OCCURRING WITHIN LIMITS OF ENTRANCES AND RADIUS RETURNS.
- CONTRACTION JOINTS IN MAINLINE PAVEMENT SHALL EXTEND THRU ENTRANCES AND RADIUS RETURNS. SAWED JOINTS SHALL BE ADJUSTED ACCORDINGLY.
- F = 1" PREFORMED EXPANSION JOINT FILLER.
- WHEN PAVEMENT IS CONSTRUCTED MONOLITHICALLY, THE JOINTS SHALL BE SAWED JOINTS WITH TIE BARS. WHEN CONSTRUCTED OTHERWISE, THE JOINTS SHALL BE LONGITUDINAL JOINTS WITH TIE BARS AND KEYWAY.
- DEPRESSED CURB & GUTTER THROUGH COMMERCIAL ENTRANCES SHALL BE PAID FOR AS DRIVEWAY PAVEMENT.
- DEPRESSED CURB AND GUTTER THROUGH PRIVATE ENTRANCES SHALL BE PAID FOR AS CURB AND GUTTER.

ENTRANCE SCHEDULE

ENTRANCE SCHEDULE

| STATION | TYPE | L1 | L2 | W1 | W2 | AGGREGATE | AGGREGATE | BITUMINOUS | PCC | PAVEMENT | PCC | PCC | TEMP. ACCESS | TEMP. ACCESS | TEMP. ACCESS |
|---------------------|------|------|----|----|----|--------------------|-----------------------|------------|---------|----------|---------|---------|--------------|--------------|--------------|
| | | | | | | BASE COURSE TYPE B | SURFACE COURSE TYPE B | | | | | | | | |
| | | | | | | TON | TON | TON | SO. YD. | SO. YD. | SO. YD. | SO. YD. | EACH | EACH | EACH |
| WHITE COUNTY | | | | | | | | | | | | | | | |
| RT 6+37 | PE | 21 | | 41 | 11 | | | | | | 36.6 | | 1 | | 1 |
| RT 6+91 | PRA | 21 | 16 | 42 | 8 | 8 | | 2 | 38.7 | 38.7 | | | | | |
| LT 7+02 | CE | 21 | | 54 | 20 | | | | | | | | 1 | | |
| RT 7+34 | CE | 11.3 | | 47 | 23 | | | | | | | | 1 | | |
| LT 8+19 | CE | 21 | | 46 | 31 | | | | | | | | 1 | | |
| LT 8+92 | PRA | 27 | 20 | 86 | | | | | 178.7 | 178.7 | | | | 1 | |
| RT 8+92 | PRA | 30 | | 80 | | | | | 109.6 | 109.6 | | | | 1 | |
| LT 9+92 | CE | 27 | | 75 | 31 | | | | | | 116.1 | | 1 | | |
| LT 10+86 | CE | 27 | | 75 | 31 | | | | | | 116.1 | | 1 | | |
| LT 2+47* | PE | 16 | | 12 | | | | | | | 26.7 | | 1 | | |
| LT 3+02* | CE | 42 | | 35 | | | | | | | 97.6 | | 1 | | |
| * DIVISION STREET | | | | | | | | | | | | | | | |
| WHITE COUNTY TOTALS | | | | | | 8 | 0 | 2 | 327 | 327 | 63 | 504 | 2 | 6 | 3 |
| EDWARDS COUNTY | | | | | | | | | | | | | | | |
| LT 13+86 | CE | 27 | | 63 | 31 | | | | | | | 105.3 | | | |
| LT 14+49 | PRA | 30 | 19 | 75 | 15 | 17 | | 4.3 | 112.9 | 112.9 | | | | 1 | |
| RT 14+50 | PRA | 30 | 19 | 81 | 15 | 17 | | 4.3 | 112.9 | 112.9 | | | | 1 | |
| LT 18+64 | PRA | 30 | | 82 | 22 | | | | 116.3 | 116.3 | | | | 1 | |
| RT 18+64 | PRA | 30 | | 70 | 22 | | | | 102.5 | 102.5 | | | | 1 | |
| RT 19+73 | PE | 20 | | 38 | 12 | | | | | | 34.2 | | 1 | | |
| LT 20+50 | CE | 19.7 | | 75 | 31 | | | | | | 90.9 | | 1 | | |

| STATION | TYPE | L1 | L2 | W1 | W2 | AGGREGATE | AGGREGATE | BITUMINOUS | PCC | PAVEMENT | PCC | PCC | TEMP. ACCESS | TEMP. ACCESS | TEMP. ACCESS |
|----------|------|------|-----|----|----|--------------------|-----------------------|------------|---------|----------|---------|---------|--------------|--------------|--------------|
| | | | | | | BASE COURSE TYPE B | SURFACE COURSE TYPE B | | | | | | | | |
| | | | | | | TON | TON | TON | SO. YD. | SO. YD. | SO. YD. | SO. YD. | EACH | EACH | EACH |
| RT 20+66 | CE | 19.7 | | 71 | 31 | | | | | | | | | | |
| LT 21+60 | CE | 19.6 | | 75 | 31 | | | | | | | | | | |
| RT 21+61 | CE | 20.3 | | 71 | 31 | | | | | | | | | | |
| LT 22+40 | PRA | 30 | | 81 | 21 | | | | 112.9 | 112.9 | | | | | 1 |
| RT 22+40 | PRA | 30 | | 83 | 23 | | | | 119.6 | 119.6 | | | | | 1 |
| RT 24+31 | PE | 21 | | 38 | 12 | | | | | | 35.5 | | 1 | | |
| LT 14+84 | CE | 18.4 | | 75 | 31 | | | | | | | | | | |
| LT 16+26 | PRA | 30 | | 87 | 27 | | | | | | | | | | |
| RT 16+26 | PRA | 43 | 19 | 86 | 23 | 41 | | 10 | 132.9 | 132.9 | | | | | 1 |
| LT 16+99 | CE | 17.3 | 7.7 | 62 | 28 | | | | 172.5 | 172.5 | | | | | 1 |
| LT 17+69 | CE | 17 | 8.4 | 62 | 28 | | | | | | | | | | |
| LT 18+20 | PE | 17 | | 32 | 12 | | | | | | 26.2 | | 1 | | |
| RT 18+16 | CE | 23.5 | | 74 | 30 | | | | | | | | | | |
| LT 18+84 | CE | 16.4 | | 65 | 31 | | | | | | | | | | |
| RT 18+94 | CE | 23.7 | | 65 | 31 | | | | | | | | | | |
| LT 20+00 | PRA | 30 | 19 | 86 | 23 | 39 | | 9.6 | 129.6 | 129.6 | | | | | 1 |
| RT 20+00 | PRA | 30 | 19 | 86 | 20 | 22 | | 5.4 | 129.6 | 129.6 | | | | | 1 |
| RT 21+10 | PE | 25 | | 48 | 18 | | | | | | 58.9 | | 1 | | |
| RT 21+70 | CE | 24.8 | | 54 | 20 | | | | | | | | | | |
| LT 22+19 | PE | 15 | | 32 | 12 | | | | | | 23.6 | | 1 | | |
| RT 22+38 | CE | 23 | | 65 | 31 | | | | | | | | | | |
| LT 22+87 | PE | 20 | | 42 | 12 | | | | | | 37.3 | | 1 | | |
| RT 24+38 | CE | 19.9 | | 75 | 31 | | | | | | | | | | |
| LT 24+40 | PE | 20 | | 42 | 12 | | | | | | 37.3 | | 1 | | |
| LT 26+30 | CE | 20.4 | | 64 | 24 | | | | | | | | | | |
| RT 26+59 | CE | 27.4 | | 46 | 24 | | | | | | | | | | |

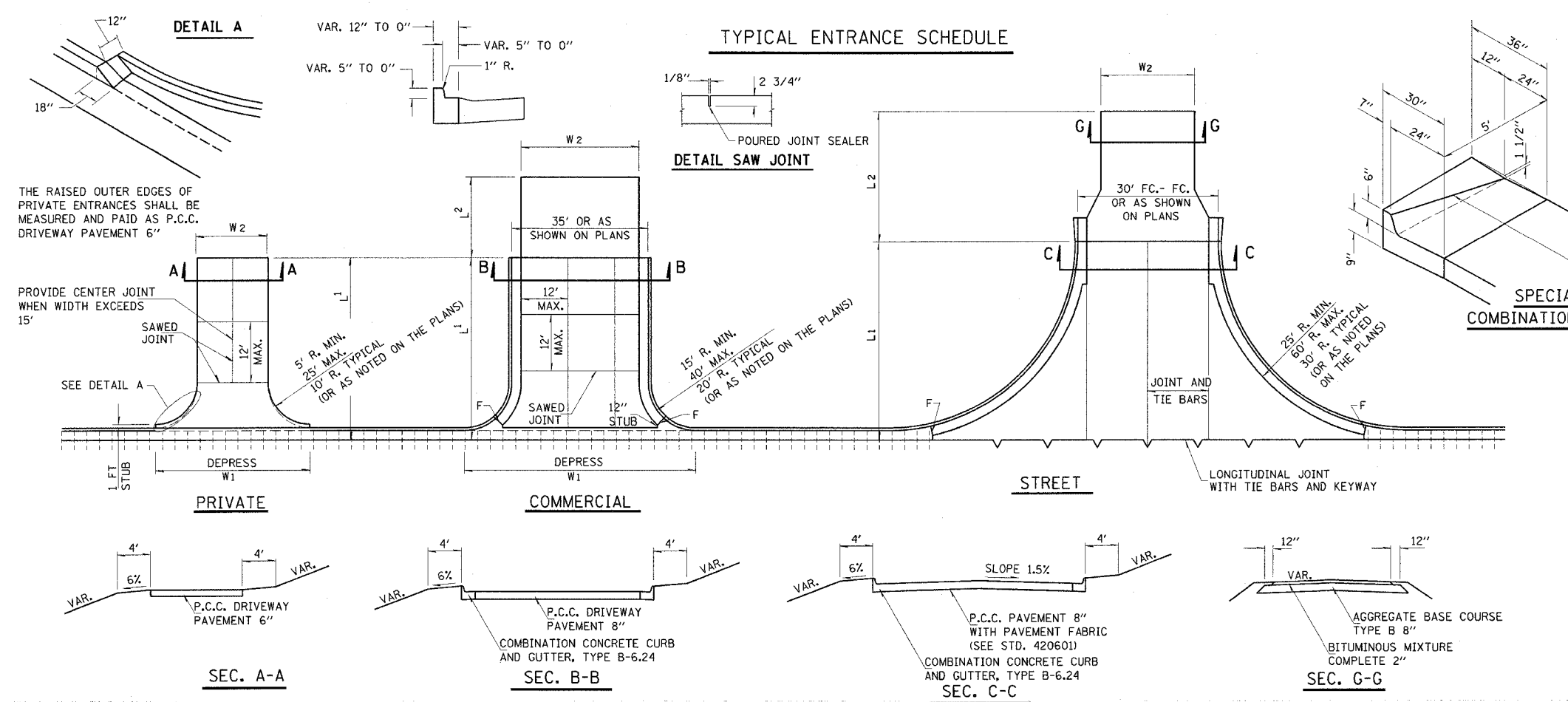
* BITUMINOUS MATERIALS AND AGGREGATE (PRIME COAT) FOR ENTRANCES AND PUBLIC ROAD APPROACHES SHALL BE CONSIDERED INCIDENTAL TO THE COST OF BITUMINOUS MIXTURE COMPLETE

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| FAP NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------|------------|---------------|--------------|-----------|
| 332 | (1012)W,RS | WHITE/EDWARDS | 198 | 15 |

CONTRACT NO. 94652



THIS WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH APPLICABLE PORTIONS OF STANDARD 606001 AND SECTION 606 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

- NOTES**
- OMIT TIE BARS WITHIN 15' OF MAINLINE PAVEMENT CONTRACTION JOINT OCCURRING WITHIN LIMITS OF ENTRANCES AND RADIUS RETURNS.
 - CONTRACTION JOINTS IN MAINLINE PAVEMENT SHALL EXTEND THRU ENTRANCES AND RADIUS RETURNS. SAWED JOINTS SHALL BE ADJUSTED ACCORDINGLY.
 - F = 1" PREFORMED EXPANSION JOINT FILLER.
 - WHEN PAVEMENT IS CONSTRUCTED MONOLITHICALLY, THE JOINTS SHALL BE SAWED JOINTS WITH TIE BARS. WHEN CONSTRUCTED OTHERWISE, THE JOINTS SHALL BE LONGITUDINAL JOINTS WITH TIE BARS AND KEYWAY.
 - DEPRESSED CURB & GUTTER THROUGH COMMERCIAL ENTRANCES SHALL BE PAID FOR AS DRIVEWAY PAVEMENT.
 - DEPRESSED CURB AND GUTTER THROUGH PRIVATE ENTRANCES SHALL BE PAID FOR AS CURB AND GUTTER.

ENTRANCE SCHEDULE

ENTRANCE SCHEDULE

| STATION | TYPE | L1 | L2 | W1 | W2 | AGGREGATE | | BITUMINOUS MIXTURE COMPLETE * | PAVEMENT | | PCC DRIVEWAY PAVEMENT, 6" | PCC DRIVEWAY PAVEMENT, 8" | TEMP. ACCESS (PRIVATE ENTRANCE) | TEMP. ACCESS (COMMERCIAL ENTRANCE) | TEMP. ACCESS ROAD |
|----------|------|------|----|----|----|------------------------|---------------------------|-------------------------------|--------------------------|-------------------------|---------------------------|---------------------------|---------------------------------|------------------------------------|-------------------|
| | | | | | | BASE COURSE TYPE B TON | SURFACE COURSE TYPE B TON | | PCC PAVEMENT, 8" SO. YD. | PAVEMENT FABRIC SO. YD. | | | | | |
| LT 27+32 | PE | 28 | | 42 | 12 | | | | | | 48.0 | | 1 | | |
| LT 27+83 | PE | 32 | | 42 | 12 | | | | | | 53.3 | | 1 | | |
| LT 29+09 | CE | 27 | | 62 | 30 | | | | | | 103.0 | | 1 | | |
| LT 29+60 | CE | 27 | | 51 | 24 | | | | | | 80.8 | | 1 | | |
| LT 30+28 | PRA | 37 | | 86 | 20 | 22 | | 5.4 | 149.8 | 149.8 | | | | | 1 |
| RT 30+24 | CE | 36 | 15 | 86 | 23 | 19 | | 4.8 | 146.9 | 146.9 | | | | | |
| RT 31+61 | CE | 27 | | 83 | 31 | | | | | | 125.2 | | 1 | | 1 |
| LT 31+98 | CE | 50 | | 90 | 26 | | | | | | 193.3 | | 1 | | |
| RT 32+55 | CE | 27 | | 78 | 26 | | | | | | 110.2 | | 1 | | |
| LT 33+32 | CE | 27 | | 81 | 31 | | | | | | 122.8 | | 1 | | |
| LT 34+33 | PRA | 53 | 20 | 86 | 26 | 48 | | 11.7 | 193.1 | 193.1 | | | | | 1 |
| RT 34+47 | PRA | 41.5 | 19 | 86 | 20 | 22 | | 5.4 | 164.3 | 164.3 | | | | | 1 |
| LT 35+63 | CE | 27 | | 83 | 31 | | | | | | 127.0 | | 1 | | |
| RT 35+70 | CE | 27 | | 81 | 31 | | | | | | 122.8 | | 1 | | |
| LT 36+52 | CE | 27 | | 71 | 31 | | | | | | 112.1 | | 1 | | |
| RT 36+70 | CE | 27 | | 85 | 31 | | | | | | 127.8 | | 1 | | |
| LT 37+25 | CE | 27 | | 81 | 31 | | | | | | 122.8 | | 1 | | |
| RT 37+68 | CE | 27 | | 81 | 31 | | | | | | 122.8 | | 1 | | |
| RT 38+48 | PRA | 27 | 25 | 81 | 31 | 37 | | 9.0 | 122.8 | 122.8 | | | | | 1 |
| LT 39+11 | PE | 27 | | 52 | 12 | | | | | | 56.1 | | 1 | | |
| RT 39+56 | CE | 27 | | 85 | 31 | | | | | | 127.8 | | 1 | | |
| RT 40+47 | CE | 27 | | 68 | 24 | | | | | | 95.1 | | 1 | | |
| LT 40+69 | PE | 27 | | 52 | 12 | | | | | | 56.1 | | 1 | | |
| LT 41+36 | CE | 27 | | 87 | 31 | | | | | | 130.4 | | 1 | | |
| LT 42+24 | CE | 27 | | 83 | 31 | | | | | | 125.2 | | 1 | | |
| RT 42+25 | PE | 27 | | 52 | 12 | | | | | | 56.1 | | 1 | | |

| STATION | TYPE | L1 | L2 | W1 | W2 | AGGREGATE | | BITUMINOUS MIXTURE COMPLETE * | PAVEMENT | | PCC DRIVEWAY PAVEMENT, 6" | PCC DRIVEWAY PAVEMENT, 8" | TEMP. ACCESS (PRIVATE ENTRANCE) | TEMP. ACCESS (COMMERCIAL ENTRANCE) | TEMP. ACCESS ROAD |
|-----------------------|------|----|----|----|----|------------------------|---------------------------|-------------------------------|--------------------------|-------------------------|---------------------------|---------------------------|---------------------------------|------------------------------------|-------------------|
| | | | | | | BASE COURSE TYPE B TON | SURFACE COURSE TYPE B TON | | PCC PAVEMENT, 8" SO. YD. | PAVEMENT FABRIC SO. YD. | | | | | |
| LT 43+27 | CE | 27 | | 83 | 31 | | | | | | | 125.2 | | 1 | |
| RT 43+58 | CE | 27 | | 83 | 31 | | | | | | | 125.2 | | 1 | |
| RT 45+10 | CE | 27 | | 83 | 31 | | | | | | | 125.2 | | 1 | |
| LT 45+40 | CE | 27 | | 77 | 25 | | | | | | | 107.2 | | 1 | |
| LT 46+31 | CE | 27 | | 65 | 31 | | | | | | | 106.8 | | 1 | |
| EDWARDS COUNTY TOTALS | | | | | | 284 | 0 | 70 | 2019 | 2019 | 523 | 3953 | 12 | 37 | 15 |
| PROJECT TOTALS | | | | | | 292 | 0 | 72 | 2346 | 2346 | 586 | 4457 | 14 | 43 | 18 |

* BITUMINOUS MATERIALS AND AGGREGATE (PRIME COAT) FOR ENTRANCES AND PUBLIC ROAD APPROACHES SHALL BE CONSIDERED INCIDENTAL TO THE COST OF BITUMINOUS MIXTURE COMPLETE

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| | | | | |
|-----------------------|------------|----------------------|--------------------|-----------|
| FAP NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | (10)Z/W,RS | WHITE/EDWARDS | 198 | 16 |
| FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT NO. | CONTRACT NO. 94652 | |

| GUTTER REMOVAL | | |
|--------------------------------|------------------|--|
| STA TO STA | V-GUTTER (FT) | |
| 6+90 TO 7+11 | 21 | |
| 7+92 TO 8+45 | 52 | |
| 9+60 TO 10+22 | 62 | |
| 10+22 TO 10+63 | 41 | |
| 10+63 TO 11+11 | 48 | |
| 11+11 TO 12+28 | 101 | |
| WHITE COUNTY LT TOTAL | 325 | |
| 5+80 TO 7+49 | 100 | |
| 9+21 TO 10+00 | 79 | |
| 10+00 TO 12+28 | 228 | |
| WHITE COUNTY RT TOTAL | 407 | |
| WHITE COUNTY RT TOTAL | 732 | |
| 14+00 TO 14+32 | 32 | |
| 14+32 TO 14+77 | 45 | |
| 14+77 TO 18+39 | 362 | |
| 19+00 TO 20+15 | 115 | |
| 20+24 TO 20+77 | 53 | |
| 21+34 TO 21+86 | 52 | |
| 22+70 TO 24+50 | 180 | |
| 14+55 TO 16+04 | 149 | |
| 16+04 TO 16+50 | 46 | |
| 16+50 TO 19+74 | 324 | |
| 19+74 TO 20+24 | 50 | |
| 20+24 TO 30+02 | 978 | |
| 30+02 TO 30+50 | 48 | |
| 30+50 TO 34+00 | 345 | |
| EDWARDS COUNTY LT TOTAL | 2779 | |
| 12+28 TO 14+26 | 198 | |
| 14+26 TO 14+74 | 48 | |
| 14+74 TO 18+43 | 369 | |
| 18+95 TO 22+18 | 323 | |
| 22+51 TO 22+66 | 38 | |
| 22+66 TO 23+00 | 34 | |
| 23+00 TO 24+50 | 150 | |
| 14+55 TO 15+98 | 143 | |
| 15+98 TO 16+50 | 52 | |
| 16+50 TO 18+61 | 211 | |
| 18+61 TO 19+25 | 64 | |
| 19+25 TO 19+59 | 34 | |
| 19+59 TO 20+24 | 65 | |
| 20+24 TO 30+02 | 978 | |
| 30+02 TO 30+55 | 53 | |
| 30+55 TO 34+00 | 345 | |
| 34+00 TO 34+15 | 15 | |
| 46+15 TO 46+25 | 15 | |
| EDWARDS COUNTY RT TOTAL | 3135 | |
| EDWARDS COUNTY RT TOTAL | 5914 | |
| TOTALS | 6646 FEET | |

| PARKING RAIL REMOVAL | |
|--------------------------|-----------------|
| STATION | LENGTH |
| 5+80 TO 5+85 | 13 |
| 5+85 TO 6+31 | 43 |
| 6+60 TO 6+86 | 26 |
| WHITE CO. TOTAL | 82 |
| 22+40 TO 23+95 | 156 |
| EDWARDS CO. TOTAL | 156 |
| TOTAL | 238 FEET |

| COMBINATION CURB ANDGUTTER REMOVAL | | |
|------------------------------------|------------------|--|
| STA TO STA | CC&G (FT) | |
| 5+26 TO 5+44 | 52 | |
| 5+44 TO 6+90 | 146 | |
| 7+11 TO 7+92 | 81 | |
| 8+45 TO 8+65 | 38 | |
| 8+61 TO 9+21 | 34 | |
| 9+21 TO 9+60 | 39 | |
| 11+02 TO 12+28 | 134 | |
| WHITE COUNTY LT TOTAL | 524 | |
| 5+35 TO 5+80 | 67 | |
| 5+80 TO 7+49 | 169 | |
| 7+49 TO 8+61 | 112 | |
| 8+61 TO 8+80 | 40 | |
| 9+02 TO 9+21 | 36 | |
| WHITE COUNTY RT TOTAL | 424 | |
| WHITE COUNTY TOTAL | 948 | |
| 18+39 TO 18+53 | 34 | |
| 18+76 TO 19+00 | 47 | |
| 20+15 TO 20+35 | 28 | |
| 20+66 TO 21+44 | 175 | |
| 21+76 TO 22+28 | 81 | |
| 22+50 TO 22+70 | 33 | |
| 16+04 TO 16+12 | 33 | |
| 16+42 TO 16+50 | 36 | |
| EDWARDS COUNTY LT TOTAL | 467 | |
| 18+43 TO 18+53 | 30 | |
| 18+75 TO 18+85 | 20 | |
| 22+18 TO 22+28 | 25 | |
| 18+61 TO 18+78 | 30 | |
| 19+11 TO 19+25 | 26 | |
| EDWARDS COUNTY RT TOTAL | 131 | |
| EDWARDS COUNTY TOTAL | 598 | |
| TOTALS | 1546 FEET | |

| PAVEMENT REMOVAL | | | |
|-----------------------------|------------|--------------|------------------|
| SIDE | STATION TO | STATION | QUANTITY (SQ YD) |
| WHITE COUNTY | | | |
| LT | 8+92 | MILL ST. | 116 |
| RT | 8+92 | MILL ST. | 103 |
| RT | 8+35 TO | 9+21 | 76 |
| LT | 8+35 TO | 10+90 | 227 |
| LT | 11+00 | DIVISION ST. | 312 |
| LT | 12+05 | MEDIAN | 12 |
| WHITE COUNTY TOTAL | | | 846 |
| EDWARDS COUNTY | | | |
| RT | 14+50 | SPRING ST. | 82 |
| LT | 18+64 | PLUM ST. | 95 |
| RT | 18+64 | PLUM ST. | 102 |
| LT | 22+40 | SYCAMORE ST. | 115 |
| RT | 22+40 | SYCAMORE ST. | 94 |
| LT | 16+26 | VINE ST. | 103 |
| RT | 16+26 | VINE ST. | 142 |
| RT | 20+00 | MARTIN ST. | 131 |
| RT | 38+42 | MAPLE ST. | 158 |
| LT/RT | 34+25 TO | 46+25 | 800 |
| EDWARDS COUNTY TOTAL | | | 1822 |
| PROJECT TOTAL | | | 2668 |

| SIDEWALK REMOVAL SCHEDULE | | | |
|-----------------------------|--------------|--------------|------------------------|
| SIDE | STATION TO | STATION | 100% CITY / 100% STATE |
| LT | 5+26 TO | 5+48 | 204 |
| RT | 5+35 TO | 5+52 | 16 |
| RT | 6+72 TO | 7+06 | 128 |
| LT | 6+84 TO | 7+20 | 128 |
| LT | 7+96 TO | 8+67 | 200 |
| RT | 8+52 TO | 8+81 | 144 |
| RT | 9+04 TO | 9+28 | 80 |
| LT | 9+24 TO | 9+28 | 76 |
| RT | 9+28 TO | 12+28 | 1216 |
| WHITE COUNTY TOTAL | | 0 | 2192 |
| RT | 12+28 TO | 14+32 | 832 |
| RT | 14+62 TO | 18+53 | 2344 |
| LT | 18+36 TO | 18+39 | 24 |
| LT | 18+90 TO | 18+94 | 60 |
| RT | 18+85 TO | 19+80 | 412 |
| RT | 19+80 TO | 20+57 | |
| LT | 22+09 TO | 22+13 | 48 |
| LT | 22+72 TO | 22+76 | 60 |
| RT | 22+50 TO | 24+50 | 800 |
| RT | 14+55 TO | 16+11 | 756 |
| RT | 16+40 TO | 18+78 | 952 |
| RT | 19+11 TO | 19+89 | 312 |
| RT | 20+16 TO | 24+14 | 1668 |
| RT | 20+81 TO | 20+85 | 32 |
| RT | 24+63 TO | 26+66 | 812 |
| RT | 26+66 TO | 27+50 | 294 |
| RT | 27+50 TO | 29+90 | 720 |
| EDWARDS COUNTY TOTAL | 3208 | 7198 | |
| TOTALS | 3208 | 9390 | |
| TOTAL= | 12598 | SQ FT | |

| DRIVEWAY PAVEMENT REMOVAL | | | |
|-----------------------------|----------|------------------|-----|
| SIDE | LOCATION | QUANTITY (SQ YD) | |
| WHITE COUNTY | | | |
| LT | 7+02 | 42 | |
| RT | 7+29 | 44 | |
| LT | 8+24 | 92 | |
| LT | 9+91 | 128 | |
| LT | 10+16 TO | 10+71 | 16 |
| LT | 10+86 | 71 | |
| DIVISION STREET | | | |
| RT | 3+01 | 75 | |
| WHITE COUNTY TOTAL | | 468 | |
| EDWARDS COUNTY | | | |
| LT | 13+86 | 284 | |
| LT | 20+50 | 93 | |
| LT | 21+60 | 95 | |
| RT | 20+60 TO | 22+25 | 367 |
| LT | 16+86 | 99 | |
| RT | 17+14 TO | 17+58 | 20 |
| LT | 17+79 | 74 | |
| RT | 18+16 | 116 | |
| LT | 18+80 | 87 | |
| LT | 19+00 TO | 19+88 | 49 |
| RT | 18+94 | 114 | |
| *RT | 22+55 TO | 24+10 | 139 |
| RT | 24+38 | 96 | |
| EDWARDS COUNTY TOTAL | | 1633 | |
| PROJECT TOTAL | | 2101 | |

*INCLUDES PARKING AREA IN FRONT OF FS BUSINESS

| CURB REMOVAL | |
|-----------------------------|---------------|
| STATION TO STATION | LENGTH |
| 55+26 TO 56+11 | 171 |
| 56+80 TO 57+46 | 130 |
| EDWARDS COUNTY TOTAL | 301 |
| TOTAL | 301 FT |

| MEDIAN REMOVAL | |
|-----------------------------|-------------------|
| STATION TO STATION | QUANTITY |
| 48+69 TO 49+00 | 108.5 |
| 55+26 TO 55+96 | 455.0 |
| 55+96 TO 56+11 | 63.8 |
| 56+81 TO 57+00 | 123.5 |
| 57+00 TO 57+30 | 412.5 |
| 57+30 TO 57+46 | 284.0 |
| EDWARDS COUNTY TOTAL | 1447.3 |
| TOTAL | 1447 SQ FT |

| MEDIAN REMOVAL PARTIAL DEPTH | |
|------------------------------|--------------------|
| STATION TO STATION | QUANTITY |
| 49+00 TO 49+35 | 201.25 |
| 49+35 TO 50+40 | 1050 |
| 50+40 TO 51+05 | 958.75 |
| 51+05 TO 52+25 | 2070 |
| 52+25 TO 52+85 | 1110 |
| 52+85 TO 53+15 | 532.5 |
| 53+15 TO 54+05 | 1170 |
| 54+05 TO 54+45 | 310 |
| 54+45 TO 55+26 | 526.5 |
| 57+46 TO 58+40 | 1739 |
| 58+40 TO 60+00 | 2600 |
| 60+00 TO 61+00 | 1075 |
| 61+00 TO 61+80 | 400 |
| EDWARDS COUNTY TOTAL | 13743 |
| TOTAL | 13743 SQ FT |

| REVISIONS | |
|-----------|------|
| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION

REMOVAL SCHEDULE

SCALE: VERT. _____ HORIZ. _____ DATE _____ DRAWN BY _____ CHECKED BY _____

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|-----------------------|-----------------------|-----------------------------|------------------------|--------------------|
| FAP 332 | SECTION (101Z)W,RS | COUNTY WHITE/ EDWARDS | TOTAL SHEETS 198 | SHEET NO. 17 |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | FED. AID PROJECT NO. | |
| CONTRACT NO. 94652 | | | | |

| TREE REMOVAL SCHEDULE | | | | |
|-----------------------|--------|----|----------------------------|----------------------------|
| STATION | OFFSET | | TREE REMOVAL 6 TO 15 | TREE REMOVAL OVER 15 |
| 5+80 | 29 FT | LT | | 33 |
| 10+90 | 50 FT | RT | | 18 |
| 10+80 | 25 FT | RT | | 41 |
| 11+00 | 75 FT | RT | | 24 |
| 11+05 | 80 FT | RT | 12 | |
| 11+06 | 90 FT | RT | 10 | |
| 11+07 | 28 FT | RT | | 36 |
| 11+10 | 80 FT | RT | 6 | |
| 11+10 | 90 FT | RT | 6 | |
| 11+11 | 90 FT | RT | 6 | |
| 11+13 | 28 FT | RT | 12 | |
| 11+15 | 29 FT | RT | 15 | |
| 11+20 | 95 FT | RT | 8 | |
| 11+20 | 98 FT | RT | 10 | |
| 11+20 | 102 FT | RT | | 20 |
| 11+20 | 98 FT | RT | | 16 |
| 11+22 | 28 FT | RT | | 16 |
| 11+24 | 30 FT | RT | 8 | |
| 11+25 | 75 FT | RT | 10 | |
| 11+25 | 110 FT | RT | 10 | |
| 11+25 | 113 FT | RT | 10 | |
| 11+30 | 48 FT | RT | | 24 |
| 11+32 | 32 FT | RT | 14 | |
| 11+34 | 28 FT | RT | | 16 |
| 11+44 | 48 FT | RT | 8 | |
| 11+48 | 35 FT | RT | 15 | |
| 11+49 | 50 FT | RT | 15 | |
| 11+58 | 30 FT | RT | 12 | |
| 11+66 | 25 FT | RT | 12 | |
| 11+70 | 51 FT | RT | | 20 |
| 11+70 | 28 FT | RT | 14 | |
| 11+70 | 40 FT | RT | 12 | |
| 11+74 | 32 FT | RT | 12 | |
| 11+78 | 40 FT | RT | | 20 |
| 11+82 | 50 FT | RT | 15 | |
| 11+87 | 50 FT | RT | 15 | |
| 11+94 | 28 FT | RT | | 16 |
| 12+10 | 32 FT | RT | | 34 |
| 12+25 | 80 FT | RT | | 24 |
| 12+25 | 110 FT | RT | 12 | |
| 12+28 | 30 FT | RT | 5 | |
| WHITE COUNTY TOTALS | | | 284 | 358 |
| 12+35 | 32 FT | RT | | 36 |
| 12+50 | 75 FT | RT | | 30 |
| 12+50 | 100 FT | RT | | 18 |
| 12+50 | 115 FT | RT | | 42 |
| 12+52 | 50 FT | RT | | 24 |
| 12+78 | 30 FT | RT | 6 | |
| 12+80 | 25 FT | RT | 14 | |
| 12+90 | 30 FT | RT | 8 | |
| 12+92 | 35 FT | RT | 12 | |
| 12+95 | 25 FT | RT | 11 | |
| 12+98 | 23 FT | RT | 8 | |
| 14+20 | 35 FT | RT | | 23 |
| 14+20 | 42 FT | RT | 15 | |
| 14+20 | 46 FT | RT | | 28 |
| 15+25 | 50 FT | RT | | 39 |
| 16+30 | 50 FT | RT | | 17 |
| 16+50 | 55 FT | RT | | 35 |
| 16+75 | 30 FT | RT | 8 | |
| 15+40 | 27 FT | LT | 8 | |
| 15+59 | 27 FT | LT | 8 | |
| 15+98 | 24 FT | LT | | 31 |
| 16+06 | 31 FT | LT | | 34 |
| 16+55 | 35 FT | LT | | 42 |
| 20+48 | 30 FT | RT | | 26 |
| 20+67 | 30 FT | RT | 10 | |
| 24+05 | 27 FT | LT | | 28 |
| 24+45 | 36 FT | LT | | 51 |
| 29+80 | 33 FT | RT | 15 | |
| EDWARDS COUNTY TOTAL | | | 123 | 504 |
| TOTALS | | | 407 | 862 |

| STORM SEWER REMOVAL, 12 IN | | | | |
|----------------------------|--------|-------|--------|---------|
| | | | | LENGTH |
| 14+20 | 11' LT | 16+55 | 46' LT | 235 |
| 16+48 | 11' LT | 16+60 | 45' LT | 35 |
| 16+48 | 11' RT | 17+00 | 50' RT | 60 |
| 16+70 | 11' RT | 17+00 | 50' RT | 50 |
| 16+48 | 11' RT | 16+70 | 50' LT | 40 |
| 22+20 | 16' LT | 22+20 | 40' LT | 24 |
| 22+20 | 16' LT | 24+50 | 16' LT | 230 |
| 14+55 | 16' LT | 19+52 | 15' LT | 497 |
| 19+81 | 17' LT | 19+82 | 64' LT | 47 |
| TOTAL | | | | 1218 FT |

| STORM SEWER REMOVAL, 15 IN | | | | | |
|----------------------------|--------|----|-------|--------|----|
| | | | | LENGTH | |
| 8+40 | 24' LT | TO | 8+74 | 24' LT | 34 |
| 12+20 | 15' RT | TO | 12+20 | 55' RT | 40 |
| EXISTING OUTLET @ 28+04 | | | | 13' RT | 15 |
| TOTAL | | | | 89 FT | |

| STORM SEWER REMOVAL, 18 IN | | | | | |
|----------------------------|--------|----|-------|--------|-----|
| | | | | LENGTH | |
| 19+52 | 15' LT | TO | 28+05 | 16' RT | 853 |
| TOTAL | | | | 853 FT | |

| STORM SEWER REMOVAL, 24 IN | | | | | |
|----------------------------|--------|----|------|--------|----|
| | | | | LENGTH | |
| 8+74 | 24' LT | TO | 8+74 | 23' RT | 47 |
| TOTAL | | | | 47 FT | |

| CONCRETE REMOVAL PIPE HANDRAIL / CLASS MS CONCRETE | | | | | |
|---|------|---------|----------------------|----------------------------|------------------------------|
| ITEM | SIDE | STATION | CONC. REM (CU YD) | PIPE HANDRAIL (FOOT) | CLASS MS CONC. (CU YD) |
| STEPS | RT | 14+15 | 2.7 | | |
| **STEPS | LT | 14+90 | 2.5 | 88.5 | 3.5 |
| STEPS | RT | 15+50 | 2.7 | | |
| STEPS | LT | 22+75 | 1.5 | 43.4 | 0.95 |
| RET. WALL | LT | 24+25 | 0.2 | | |
| STEPS | LT | 15+95 | 1.4 | 43.4 | 0.95 |
| C. FNDATION | LT | 21+00 | 3.7 | | |
| STEPS | LT | 24+65 | 1.3 | 43.4 | 0.95 |
| STEPS | LT | 26+64 | 0.4 | | |
| STEPS | LT | 27+08 | 0.4 | 43.4 | 0.95 |
| STEPS | RT | 29+90 | 0.4 | 43.4 | 0.95 |
| EDWARDS COUNTY TOTAL | | | 17.2 | 306 | 8.3 |

** TREAD WIDTH IS 28"

| PIPE CULVERT REMOVAL | | | | |
|----------------------|------------|--------|--------|--------|
| STATION | TO STATION | OFFSET | | LENGTH |
| 28+00 | TO | 28+00 | 32' LT | 30 |
| 35+35 | TO | 35+80 | 27' LT | 45 |
| 35+95 | TO | 36+18 | 27' LT | 24 |
| 36+47 | TO | 36+80 | 28' LT | 33 |
| 37+45 | TO | 37+74 | 28' LT | 29 |
| 39+00 | TO | 39+25 | 27' LT | 25 |
| 40+53 | TO | 40+82 | 27' LT | 29 |
| 41+14 | TO | 41+43 | 27' LT | 29 |
| 42+05 | TO | 42+30 | 27' LT | 25 |
| 43+12 | TO | 43+54 | 27' LT | 42 |
| 45+15 | TO | 45+44 | 27' LT | 29 |
| TOTAL | | | | 340 |

| TRENCH BACKFILL FOR STORM SEWER REMOVAL | | | | | | | | | | |
|---|--------|----|-------|--------------|--------|--------------------|-------------------|-------------------|--------------------|-------|
| | | | | PIPE SIZE | LENGTH | BACKFILL LENGTH | BACKFILL WIDTH | BACKFILL DEPTH | TRENCH BACKFILL | |
| 12+20 | 15' RT | TO | 12+20 | 55' RT | 15 | 0 | 14 | 2.75 | 3.75 | 5.3 |
| WHITE COUNT | | | | | | | | | | 5 |
| 14+20 | 11' LT | TO | 16+55 | 46' LT | 12 | 235 | | 2.5 | 2 | 20.4 |
| 16+48 | 11' LT | TO | 16+60 | 45' LT | 12 | 35 | | 2.5 | 2 | 1.9 |
| 16+48 | 11' RT | TO | 17+00 | 50' RT | 12 | 60 | | 2.5 | 2 | 4.6 |
| 16+70 | 11' RT | TO | 17+00 | 50' RT | 12 | 50 | | 2.5 | 2 | 4.1 |
| 22+20 | 16' LT | TO | 22+20 | 40' LT | 12 | 24 | | 2.5 | 2 | 4.4 |
| 22+20 | 16' LT | TO | 24+50 | 16' LT | 12 | 230 | | 2.5 | 2 | 42.6 |
| 14+55 | 16' LT | TO | 19+52 | 15' LT | 12 | 497 | | 2.5 | 2 | 92.0 |
| 19+52 | 15' LT | TO | 28+05 | 16' RT | 18 | 853 | | 3 | 4 | 379.1 |
| EXISTING OUTLET @ 28+04 | | | | 13' RT | 15 | 15 | | 2.75 | 3.75 | 3.8 |
| EXISTING OUTLET @ 53+30 | | | | 25' RT | | | | | | 4.0 |
| EDWARDS COU | | | | | | | | | | 557 |
| TRENCH BACK | | | | | | | | | | 562 |

| REMOVING INLETS | | | | | | |
|------------------------------------|---------|--------|----------|-------------|---|---|
| REMOVING INLETS TO MAINTAIN FLOW | | | | | | |
| REMOVING MANHOLES | | | | | | |
| REMOVING MANHOLES TO MAINTAIN FLOW | | | | | | |
| SIDE | STATION | OFFSET | QUANTITY | PAY ITEM | | |
| LT. | 8+74 | 24 FT | 1 | C | | |
| RT. | 8+74 | 24 FT | 1 | D | | |
| LT. | 11+48 | 45 FT | 1 | B | | |
| RT. | 12+20 | 13 FT | 1 | A | | |
| LT. | 14+20 | 11 FT | 1 | A | | |
| RT. | 16+48 | 12 FT | 1 | A | | |
| LT. | 16+48 | 12 FT | 1 | A | | |
| RT. | 18+78 | 18 FT | 1 | D | | |
| LT. | 22+19 | 23 FT | 1 | D | | |
| LT. | 22+22.5 | 15 FT | 1 | D | | |
| LT. | 22+24 | 26 FT | 1 | A | | |
| LT. | 22+62 | 14 FT | 1 | C | | |
| LT. | 16+12 | 23 FT | 1 | A | | |
| LT. | 16+17 | 16 FT | 1 | C | | |
| LT. | 16+42 | 21 FT | 1 | A | | |
| LT. | 16+46 | 16 FT | 1 | C | | |
| RT. | 19+52 | 12 FT | 1 | A | | |
| LT. | 19+52 | 12 FT | 1 | A | | |
| RT. | 19+54 | 12 FT | 1 | A | | |
| LT. | 19+54 | 12 FT | 1 | A | | |
| LT. | 19+80 | 16 FT | 1 | C | | |
| LT. | 20+19 | 14 FT | 1 | C | | |
| RT. | 22+54 | 13 FT | 1 | A | | |
| LT. | 22+54 | 13 FT | 1 | A | | |
| LT. | 22+54 | 15 FT | 1 | C | | |
| LT. | 28+04 | 13 FT | 1 | A | | |
| RT. | 28+04 | 12 FT | 1 | A | | |
| RT. | 28+04 | 13 FT | 1 | C | | |
| TOTALS | | | A | B | C | D |
| | | | 15 | 1 | 8 | 4 |

| FRAMES AND LIDS TO BE ADJUSTED | | | | |
|--------------------------------|---------|--------|----------|--------|
| SIDE | STATION | OFFSET | QUANTITY | |
| LT. | 5+08 | 1 FT | 1 | |
| WHITE COUNTY TOTAL | | | | 1 |
| LT. | 16+09 | 19 FT | 1 | |
| LT. | 20+17 | 12 FT | 1 | |
| LT. | 24+22 | 20 FT | 1 | |
| LT. | 18+05 | 18 FT | 1 | |
| LT. | 22+15 | 16 FT | 1 | |
| LT. | 26+85 | 16 FT | 1 | |
| EDWARDS COUNTY TOTAL | | | | 6 |
| PROJECT TOTAL | | | | 7 EACH |

| TREE PRUNING | | | |
|--------------|---------|--------|----------|
| SIDE | STATION | OFFSET | QUANTITY |
| RT | 19+10 | 40 FT | 2 |
| RT | 19+30 | 40 FT | 1 |
| TOTAL | | | 3 |

| | | |
|-------------|------|---------------------------------------|
| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
| NAME | DATE | |
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| | | |
| | | |
| EDWARDS COU | | 557 |
| TRENCH BACK | | |

REMOVAL SCHEDULES

SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE

REVISED 3/31/05

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63

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| FAP NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|------------|------------|-------------------|-----------------|--------------|
| 332 | (1012)W,RS | WHITE/ EDWARDS | 198 | 19 |

CONTRACT NO. 94652

| THERMOPLASTIC PAVEMENT MARKING-LINE, 24" & TEMPORARY PAVEMENT MARKING -LINE 24" | | |
|--|----------|------------------|
| STATION | LOCATION | AMOUNT (FOOT) |
| 848+97 | IL 1 | 15 |
| 5+53 | IL 1 | 18 |
| LT 5+00 | NORTH ST | 20 |
| RT 5+00 | NORTH ST | 28 |
| LT 12+00 | DIVISION | 18 |
| LT 12+00 | DIVISION | 12 |
| WHITE COUNTY TOTAL | | 111 |
| PROJECT TOTAL | | 111 FT |

| THERMOPLASTIC PAVEMENT MARKING-LINE, 12" & TEMPORARY PAVEMENT MARKING -LINE 12" | | | |
|--|----|---------|--------------------|
| STATION | TO | STATION | QUANTITY (FOOT) |
| 48+69 | TO | 49+00 | 3.5 |
| 49+00 | TO | 49+35 | 11.5 |
| 49+35 | TO | 50+40 | 50.0 |
| 50+40 | TO | 51+05 | 44.3 |
| 51+05 | TO | 52+25 | 103.5 |
| 52+25 | TO | 52+85 | 55.5 |
| 52+85 | TO | 53+15 | 17.8 |
| 53+15 | TO | 54+05 | 65.0 |
| 54+05 | TO | 54+45 | 15.5 |
| 54+45 | TO | 54+80 | 8.5 |
| 56+81 | TO | 57+00 | 6.5 |
| 57+00 | TO | 57+30 | 27.5 |
| 57+30 | TO | 57+46 | 17.8 |
| 57+46 | TO | 58+40 | 92.5 |
| 58+40 | TO | 60+00 | 130.0 |
| 60+00 | TO | 61+00 | 53.8 |
| 61+00 | TO | 61+80 | 20.0 |
| EDWARDS COUNTY TOTAL | | | 723.0 |
| PROJECT TOTAL | | | 723.0 FT |

| THERMOPLASTIC PAVEMENT MARKING-LINE, 6" & TEMPORARY PAVEMENT MARKING - LINE 6" | | | |
|---|----|-----------|------------------|
| STATION | TO | STATION | AMOUNT (FOOT) |
| 849+05 | | IL - 1 | 80 CROSS WALK |
| 5+45 | | IL - 1 | 76 CROSS WALK |
| LT 5+00 | | NORTH ST. | 98 CROSS WALK |
| RT 5+00 | | NORTH ST. | 110 CROSS WALK |
| LT 12+00 | | DIVISION | 36 CROSS WALK |
| LT 12+00 | | DIVISION | 24 CROSS WALK |
| WHITE COUNTY TOTAL | | | 424 |
| 16+50 | | VINE ST | 84 CROSS WALK |
| 54+90 | TO | 56+10 | 120 PASSING LANE |
| EDWARDS COUNTY TOTAL | | | 204 |
| PROJECT TOTAL | | | 628 FT |

| THERMOPLASTIC PAVEMENT MARKING- & TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS | | |
|---|--------|---------------------|
| STATION | SYMBOL | QUANTITY (SQ FT) |
| 55+28 | ARROW | 16 |
| 55+72 | ARROW | 16 |
| EDWARDS COUNTY TOTAL | | 32 |
| PROJECT TOTAL | | 32 SQ FT |

| PAVEMENT MARKING SCHEDULE | | | | | | | | | |
|---------------------------|----|---------|------------------|--------|--------|--------|--------|---------|--|
| STATION | TO | STATION | LENGTH (FOOT) | (FOOT) | (FOOT) | (FOOT) | (EACH) | (SQ FT) | |
| 848+85 | TO | 849+15 | 30 | 7.5 | 9.0 | 7.5 | 1 | 1.0 | |
| 849+15 | TO | 849+30 | 15 | 3.8 | 4.5 | 3.8 | 0 | 0.5 | |
| 4+93 | TO | 12+28 | 734.97 | 183.7 | 220.5 | 183.7 | 9 | 24.5 | |
| WHITE COUNTY TOTAL | | | 779.97 | 195.0 | 234.0 | 195.0 | 10 | 26.0 | |
| 12+28 | TO | 24+50 | 1222 | 305.5 | 366.6 | 305.5 | 15 | 40.7 | |
| 14+55 | TO | 47+28 | 3272.91 | 818.2 | 981.9 | 818.2 | 41 | 109.1 | |
| 47+28 | TO | 48+28 | 100 | 25.0 | 30.0 | 25.0 | 3 | 3.3 | |
| 48+28 | TO | 48+68 | 40 | 80.0 | 12.0 | 80.0 | 6 | 1.3 | |
| 48+68 | TO | 54+80 | 612 | 2448.0 | 183.6 | 2448.0 | 35 | 20.4 | |
| 54+80 | TO | 56+10 | 130 | 260.0 | 39.0 | 260.0 | 12 | 4.3 | |
| 56+10 | TO | 56+80 | 70 | 0.0 | 21.0 | 0.0 | 0 | 2.3 | |
| 56+80 | TO | 57+60 | 80 | 320.0 | 24.0 | 320.0 | 8 | 2.7 | |
| 57+60 | TO | 61+80 | 420 | 1680.0 | 126.0 | 1680.0 | 23 | 14.0 | |
| 61+80 | TO | 62+20 | 40 | 80.0 | 12.0 | 80.0 | 6 | 1.3 | |
| 62+20 | TO | 63+25 | 105 | 26.3 | 31.5 | 26.3 | 3 | 3.5 | |
| EDWARDS COUNTY TOTAL | | | 6091.91 | 6043.0 | 1827.6 | 6043.0 | 152 | 203.1 | |
| PROJECT TOTAL | | | 6872 | 6238 | 2062 | 6238 | 162 | 229 | |

| PATCHING SCHEDULE | |
|------------------------------|-----------|
| CLASS D PATCHES, TYPE 1, 10" | 889 SQ YD |
| CLASS D PATCHES, TYPE 2, 10" | 333 SQ YD |
| CLASS D PATCHES, TYPE 3, 10" | 143 SQ YD |

| PROPERTY MARKERS AND PINS | | | | |
|-----------------------------|----------------|--------|-----------------------------------|---|
| STATION | OFFSET LEFT | RIGHT | SAVE AND PROTECT PROPERTY PINS | FURNISH AND INSTALL PROPERTY MARKERS |
| 6+98.515 | | 39.016 | X | |
| 14+21.573 | 39.605 | | X | |
| 14+37.607 | | 29.974 | | 1 |
| 18+94.839 | 33.059 | | X | |
| 20+44.835 | 32.753 | | | 1 |
| 20+58.080 | | 27.767 | | 1 |
| STA EQ: 24+50BK=14+55.09 AH | | | | |
| 16+43.934 | | 24.178 | | 1 |
| 19+70.860 | | 37.092 | X | |
| 20+28.763 | | 23.871 | | 1 |
| 29+96.561 | 66.532 | | X | |
| 30+04.597 | 55.607 | | | 1 |
| 30+20.077 | 42.943 | | | 1 |
| 38+23.246 | | 32.421 | X | |
| 39+74.561 | | 39.922 | X | |
| 40+52.372 | 40.689 | | X | |
| 41+69.867 | | 39.911 | X | |
| 44+81.721 | 22.975 | | X | |
| 55+19.749 | | 63.995 | X | |
| EDWARDS CO. TOTAL | | | | 7 EACH |

| PCC SIDEWALK, 4" | | | | | |
|----------------------|------------|----------|---------------|-------------------------|-------|
| SIDE | STATION TO | STATION | 100% STATE | 50% CITY / 50% STATE | |
| LT | 5+26 | TO 5+48 | 110 | | |
| RT | 5+35 | TO 5+52 | 130 | | |
| RT | 6+74 | TO 7+08 | 128 | | |
| LT | 6+82 | TO 7+22 | 80 | | |
| LT | 7+93 | TO 8+81 | 335 | | |
| RT | 8+52 | TO 8+81 | 205 | | |
| LT | 9+10 | TO 9+75 | 325 | | |
| RT | 9+12 | TO 14+26 | 2570 | | |
| LT | 10+10 | TO 10+65 | | 275 | |
| LT | 11+00 | TO 11+82 | 410 | | |
| WHITE COUNTY TOTAL | | | 4293 | | 275 |
| LT | 13+13 | TO 13+66 | | | 265 |
| LT | 14+06 | TO 14+31 | | | 125 |
| LT | 14+73 | TO 18+40 | | | 1835 |
| RT | 14+73 | TO 18+40 | 1835 | | |
| RT | 18+80 | TO 19+65 | 425 | | |
| RT | 19+80 | TO 20+45 | 325 | | |
| LT | 18+88 | TO 20+25 | | | 685 |
| RT | 20+85 | TO 21+40 | 275 | | |
| LT | 20+72 | TO 21+36 | | | 320 |
| LT | 21+80 | TO 22+18 | | | 190 |
| RT | 21+80 | TO 22+18 | 190 | | |
| LT | 22+62 | TO 24+50 | | | 940 |
| LT | 14+55 | TO 14+61 | | | 30 |
| RT | 22+62 | TO 24+22 | | | 800 |
| RT | 24+39 | TO 24+50 | | | 55 |
| RT | 14+55 | TO 16+03 | | | 740 |
| LT | 15+04 | TO 16+03 | | | 495 |
| LT | 16+47 | TO 16+81 | | | 295 |
| RT | 16+50 | TO 17+93 | | | 715 |
| LT | 17+15 | TO 17+51 | | | 180 |
| LT | 17+86 | TO 18+09 | | | 115 |
| LT | 18+22 | TO 18+61 | | | 195 |
| RT | 18+37 | TO 18+74 | | | 185 |
| LT | 19+04 | TO 19+70 | | | 330 |
| RT | 19+14 | TO 19+75 | | | 305 |
| LT | 20+25 | TO 22+13 | | | 925 |
| RT | 20+22 | TO 20+98 | | | 375 |
| RT | 21+22 | TO 21+55 | 165 | | |
| RT | 21+82 | TO 22+20 | 165 | | |
| LT | 22+25 | TO 22+78 | | | 260 |
| RT | 22+58 | TO 24+16 | 790 | | |
| LT | 22+97 | TO 24+31 | | | 670 |
| LT | 24+50 | TO 26+13 | | | 815 |
| RT | 24+60 | TO 26+39 | 895 | | |
| LT | 26+34 | TO 27+22 | | | 440 |
| RT | 26+63 | TO 30+04 | 1715 | | |
| LT | 27+39 | TO 27+74 | | | 175 |
| LT | 27+90 | TO 28+90 | | | 500 |
| LT | 29+31 | TO 29+50 | | | 95 |
| LT | 29+79 | TO 30+00 | | | 110 |
| LT | 30+45 | TO 31+70 | | | 625 |
| RT | 30+59 | TO 31+28 | | | 345 |
| RT | 31+85 | TO 32+32 | | | 225 |
| LT | 32+26 | TO 33+07 | | | 405 |
| RT | 32+78 | TO 34+32 | | | 770 |
| LT | 33+56 | TO 33+93 | | | 185 |
| LT | 34+40 | TO 34+55 | | | 50 |
| EDWARDS COUNTY TOTAL | | | 6780 | | 15770 |
| TOTALS = | | | 11073 | | 16045 |
| TOTAL | | | 27118 | | SQ FT |

| REVISIONS | |
|-----------|------|
| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
**PAVEMENT MARKING
&
MISCELLANEOUS
SCHEDULES**

SCALE: VERT.
HORIZ.
DATE

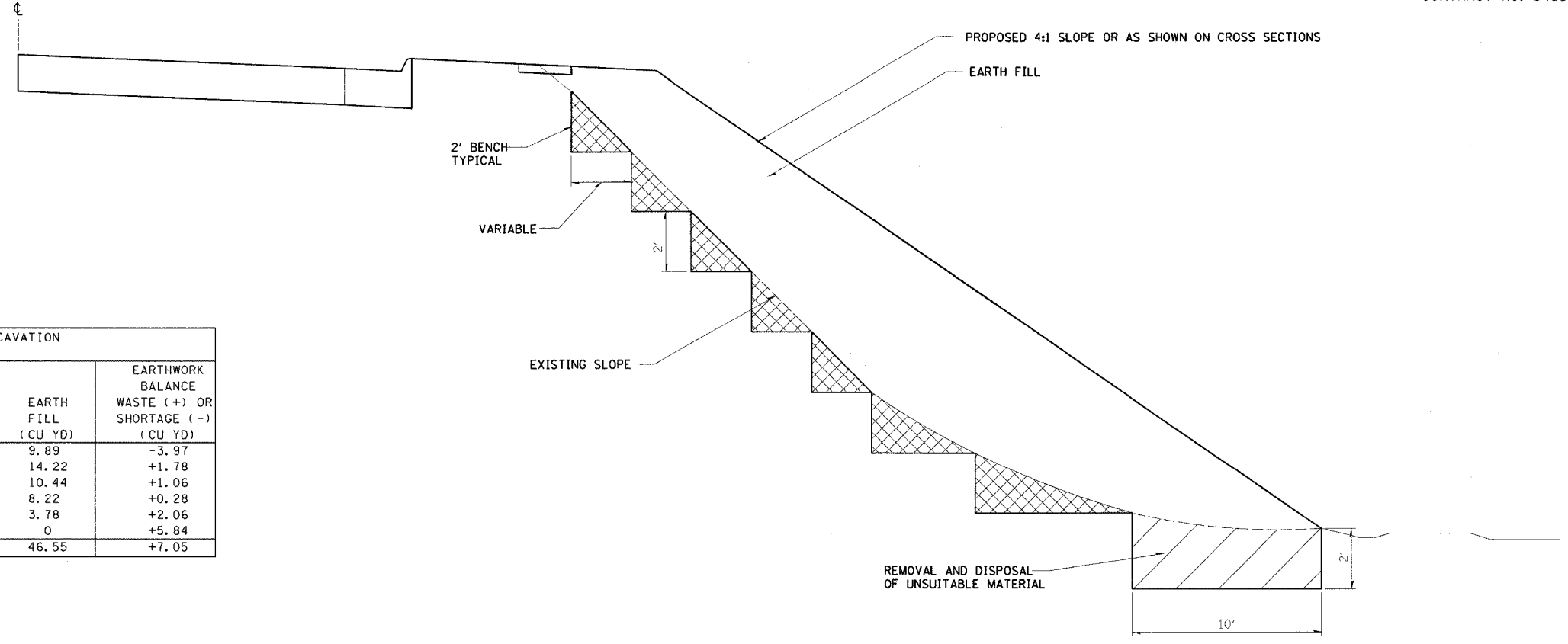
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1/31/2005
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 28 29 30 31 32 33 34 35 36
 37 38 39 40 41 42 43 44
 45 46 47 48 49 50 51 52 53 54
 55 56 57 58 59 60 61 62 63

EARTH

| | | | | |
|-----------------------|------------|-------------------|----------------------|--------------|
| FAP FILE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | (1012)W,RS | WHITE/ EDWARDS | 198 | 20 |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | FED. AID PROJECT NO. | |
| CONTRACT NO. 94652 | | | | |

| LOCATION | EARTH EXCAVATION (CU YD) | EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (CU YD) | EARTH FILL (CU YD) | EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD) |
|----------------------|--------------------------|---|--------------------|---|
| Sta. 0+93.98 to 1+00 | 7.89 | 5.92 | 9.89 | -3.97 |
| Sta. 1+00 to 1+10 | 21.33 | 16.00 | 14.22 | +1.78 |
| Sta. 1+10 to 1+20 | 15.33 | 11.50 | 10.44 | +1.06 |
| Sta. 1+20 to 1+30 | 11.33 | 8.50 | 8.22 | +0.28 |
| Sta. 1+30 to 1+40 | 7.78 | 5.84 | 3.78 | +2.06 |
| Sta. 1+40 to 1+50 | 7.78 | 5.84 | 0 | +5.84 |
| Total | 71.44 | 53.6 | 46.55 | +7.05 |



EARTHWORK DETAIL
 RT. STA. 10+50 TO STA. 18+25
 LT. STA. 15+00 TO STA 17+25

MATERIAL TO BE REMOVED AND REPLACED IN THE EMBANKMENT IN ACCORDANCE WITH ARTICLE 205.04 OF THE STANDARD SPECIFICATIONS. COST TO BE INCLUDED IN THE VARIOUS ITEMS OF EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

| LOCATION STATION TO STATION | EARTH EXCAVATION CU YD | EARTH EXCAVATION ADJUSTED FOR SHRINKAGE CU YD | EARTH FILL CU YD | FURNISHED EXCAVATION EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) CU YD | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL CU YD |
|---|------------------------|---|------------------|--|---|
| WHITE COUNTY | | | | | |
| 6+00 TO 9+00 | 73 | 55 | 64 | -9 | |
| 9+00 TO 12+28 | 71 | 53 | 2855 | -2802 | 161 |
| WHITE COUNTY TOTAL | 144 | 108 | 2919 | -2811 | 161 |
| EDWARDS COUNTY | | | | | |
| 12+28 TO 14+50 | 52 | 39 | 1937 | -1898 | 207 |
| 14+50 TO 18+50 | 77 | 58 | 5186 | -5128 | 576 |
| 18+50 TO 22+50 | 192 | 144 | 12 | +132 | |
| 22+50 TO 24+50 | 219 | 164 | 19 | +145 | |
| STATION EQUATION 24+50 BK = 14+55.09 AH | | | | | |
| 14+55 TO 16+25 | 167 | 125 | 6 | +119 | |
| 16+25 TO 20+00 | 152 | 114 | 36 | +78 | |
| 20+00 TO 25+00 | 244 | 183 | 96 | +87 | |
| 25+00 TO 30+00 | 377 | 283 | 147 | +136 | |
| 30+00 TO 34+50 | 68 | 51 | 288 | -237 | |
| 34+50 TO 40+00 | 95 | 71 | 487 | -416 | |
| 40+00 TO 46+25 | 125 | 94 | 568 | -474 | |
| EDWARDS COUNTY TOTAL | 1768 | 1326 | 8782 | -7456 | 783 |
| PROJECT TOTALS | 1912 | 1434 | 11701 | -10267 | 944 |

| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION

EARTHWORK DETAIL & SCHEDULE

SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY _____
 CHECKED BY _____

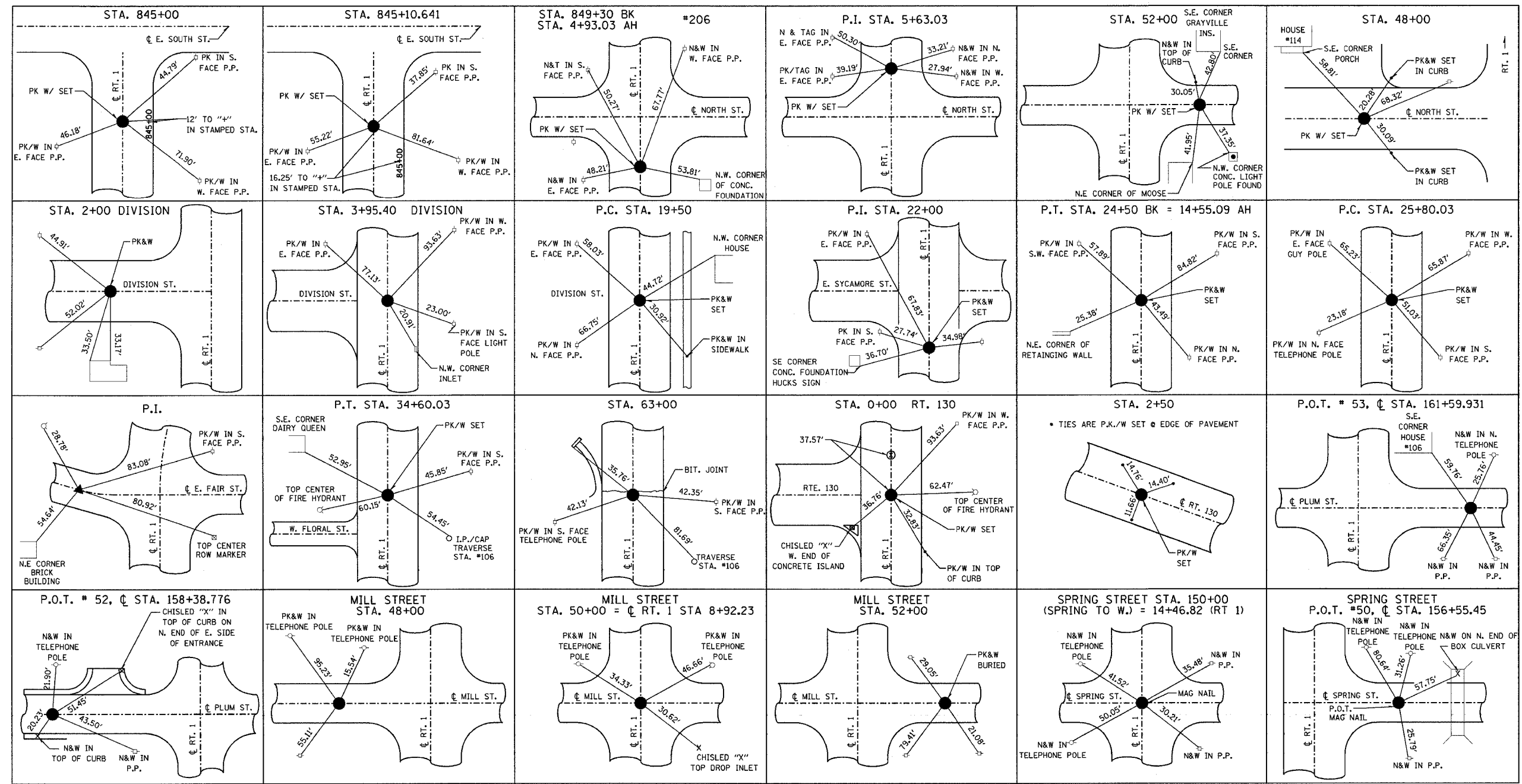
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1/31/2005
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 36 37 38 39 40 41 42 43
 44 45 46 47 48 49 50 51 52 53 54
 55 56 57 58 59 60 61 62 63

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|-----------------------|------------|-------------------|----------------------|--------------|
| FAP RTL | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | (1012)W,RS | WHITE/ EDWARDS | 198 | 21 |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | FED. AID PROJECT NO. | |

CONTRACT NO. 94652



BENCHMARKS

BM # 1
 ELEVATION 408.66
 STATION 20+20 O/S 38.7' LT.
 CHISELED "X" ON NE BOLT OF F.H. AT THE
 NW QUADRANT OF IL RT. 1 AND E. MARTIN ST.

BM # 2
 ELEVATION 406.43
 STATION 71+19 O/S 65' LT.
 CHISELED "X" ON NE BOLT OF F.H. IN FRONT OF
 A SINGLE STORY BROWN BRICK HOUSE.

BM # 53
 ELEVATION 402.35
 STATION 30+40 O/S 85' LT.
 R.R. SPIKE IN POWER POLE WITH TRANSFORMER
 IN THE NW QUADRANT OF IL RT. 1 AND FAIR ST.

BM # 54
 ELEVATION 404.64
 STATION 38+00 O/S 41' RT
 R.R. SPIKE IN POWER POLE WITH LIGHT IN
 SE QUADRANT OF IL RT. 1 AND E. MAPLE ST.
 IN FRONT OF "THE LIQUOR BARN"

BM # 55
 ELEVATION 401.39
 STATION 56+36 O/S 62' RT.
 CHISELED "X" ON THE WEST BOLT OF A F.H. AT
 INTERSECTION OF IL RT. AND IL RT. 130
 ON THE EAST SIDE OF THE INTERSECTION.

| REVISIONS | |
|-----------|------|
| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION

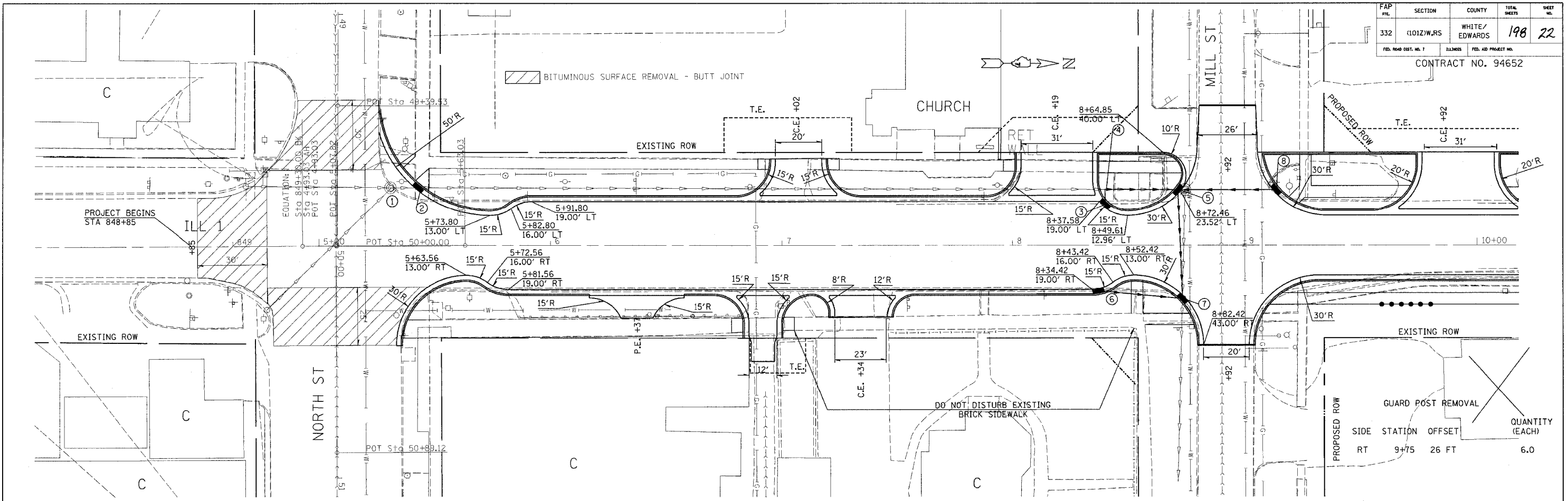
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 AND
 BENCH MARKS**

SCALE: VERT.
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 DATE

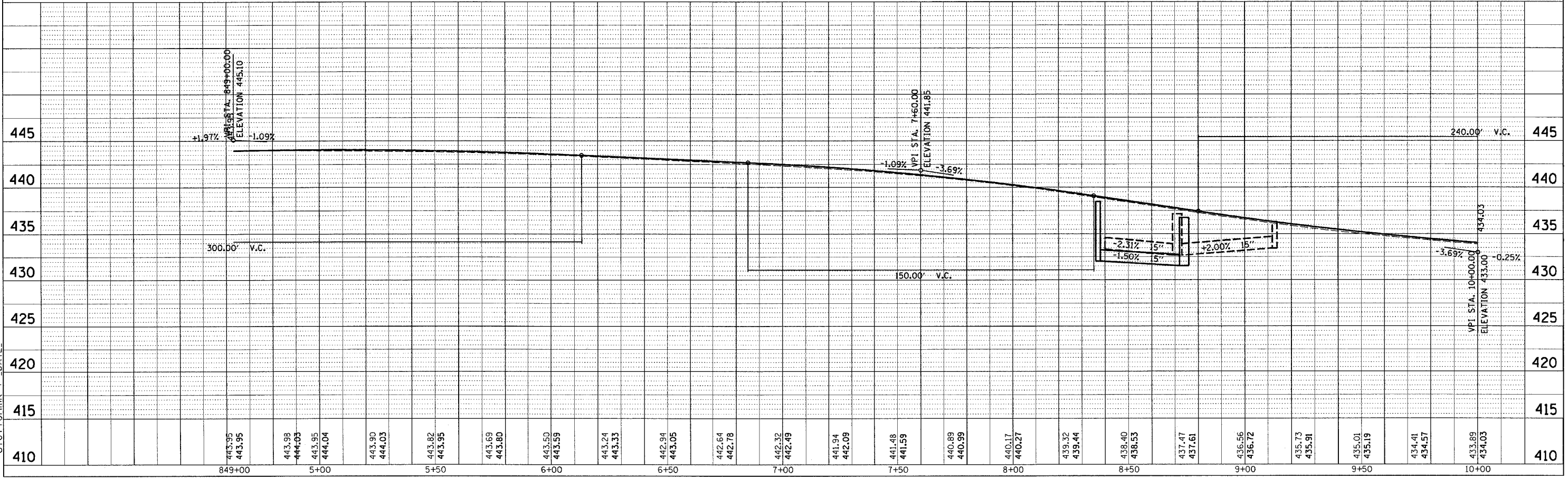
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| FAP FILE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|------------|---------------|--------------|----------------------|
| 332 | (101Z)W,RS | WHITE/EDWARDS | 198 | 22 |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | | FED. AID PROJECT NO. |
| CONTRACT NO. 94652 | | | | |

PLAN SURVEYED PLOTTED CHECKED
 NOTE BOOK NO. DATE
 ST. OF WAY CHECKED
 CADD FILE NAME



PLAN SURVEYED PLOTTED CHECKED
 NOTE BOOK NO. DATE
 ST. OF WAY CHECKED
 CADD FILE NAME



STATION 849+00 TO STATION 10+00

1/31/2005
 1 2 3 4 5 6 7 8 9
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 28 29 30 31 32 33 34 35 36
 37 38 39 40 41 42 43 44 45
 46 47 48 49 50 51 52 53 54
 55 56 57 58 59 60 61 62 63

PP 2

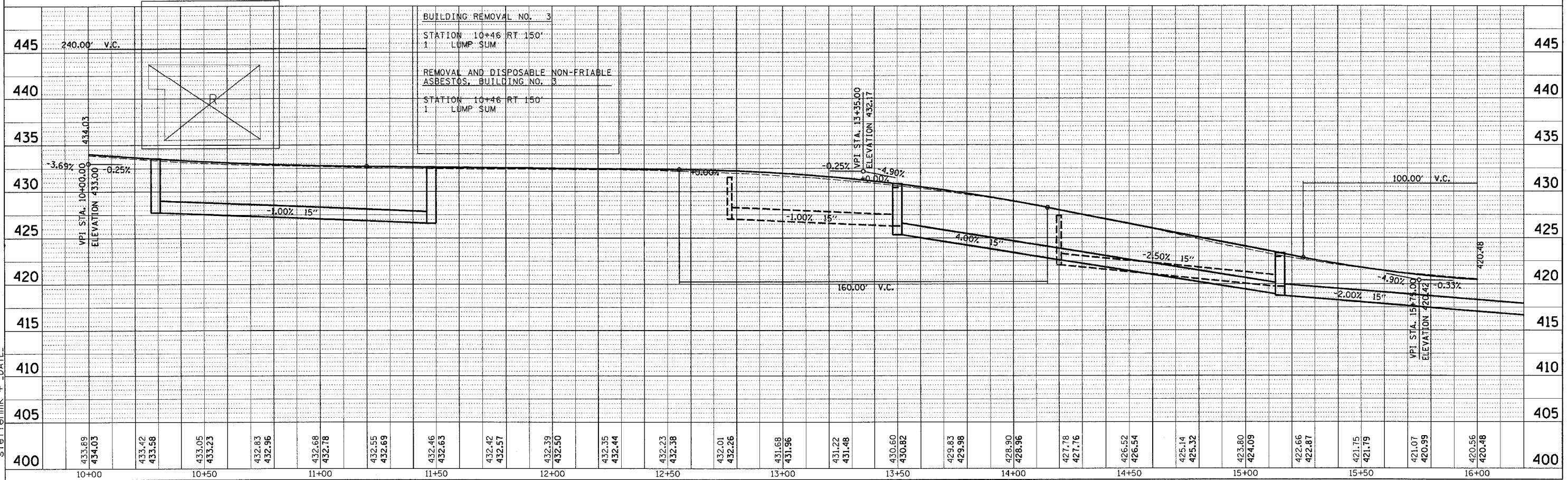
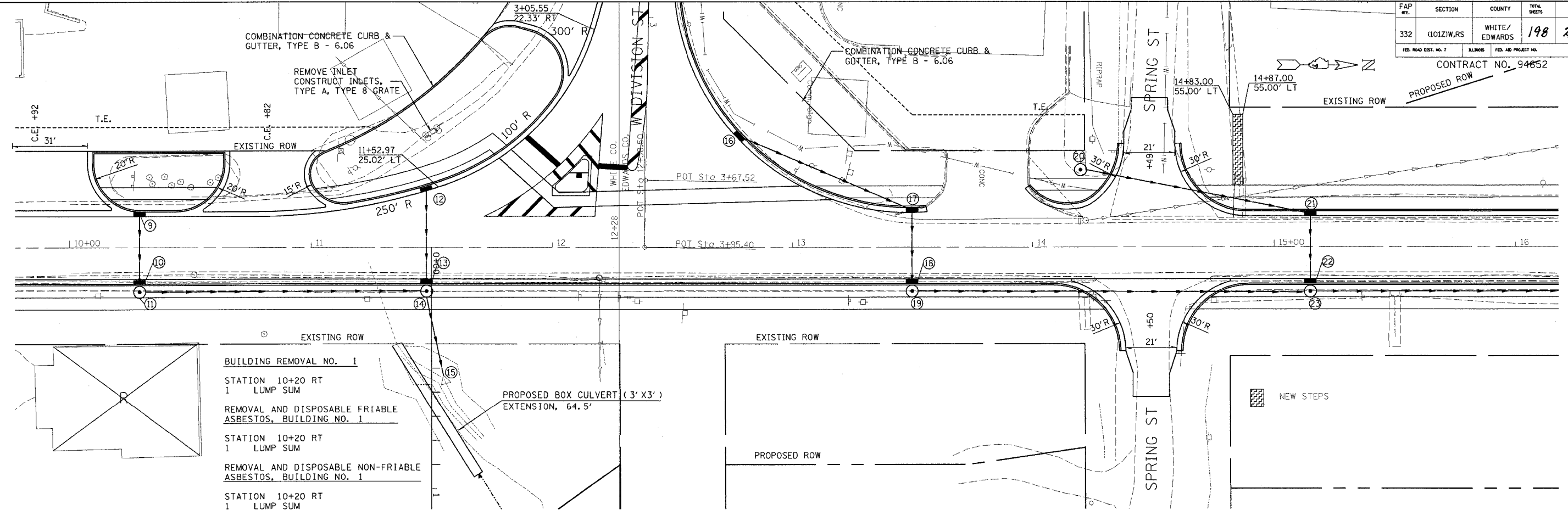
DATE: _____ BY: _____
 PLAN SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 NO. _____

DATE: _____ BY: _____
 PLAN SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 NO. _____

PROJECT: 94652.dwg
 STEFFENK\p\DATE

| FAP NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|------------|---------------|--------------|----------------------|
| 332 | (101Z)W,RS | WHITE/EDWARDS | 198 | 23 |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | | FED. AID PROJECT NO. |

CONTRACT NO. 94652



STATION 10+00 TO STATION 16+00

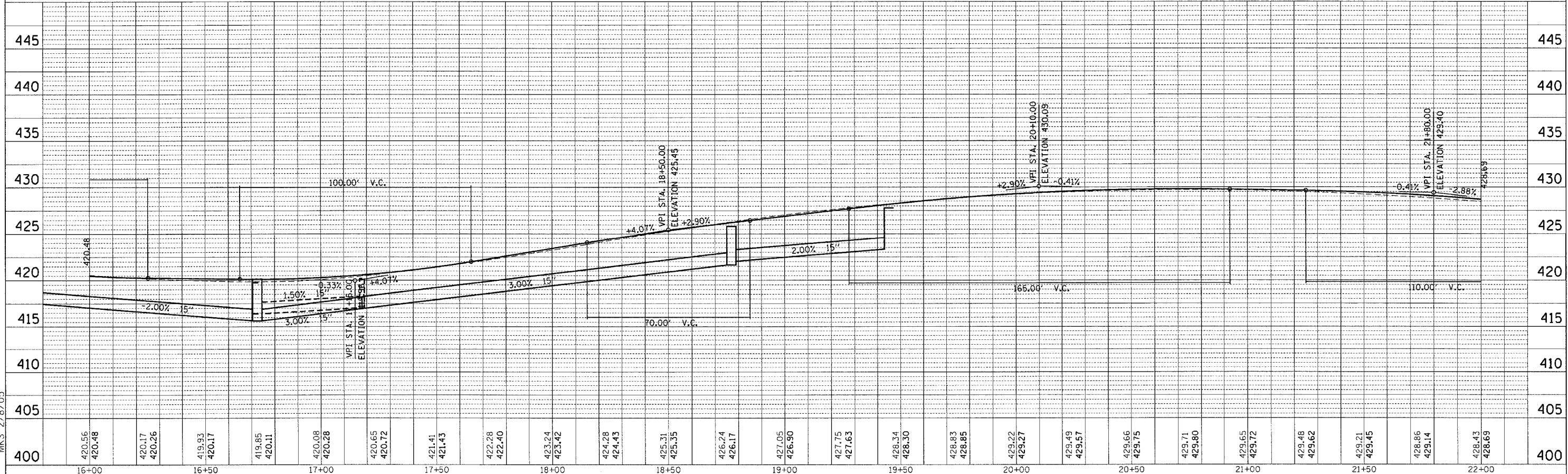
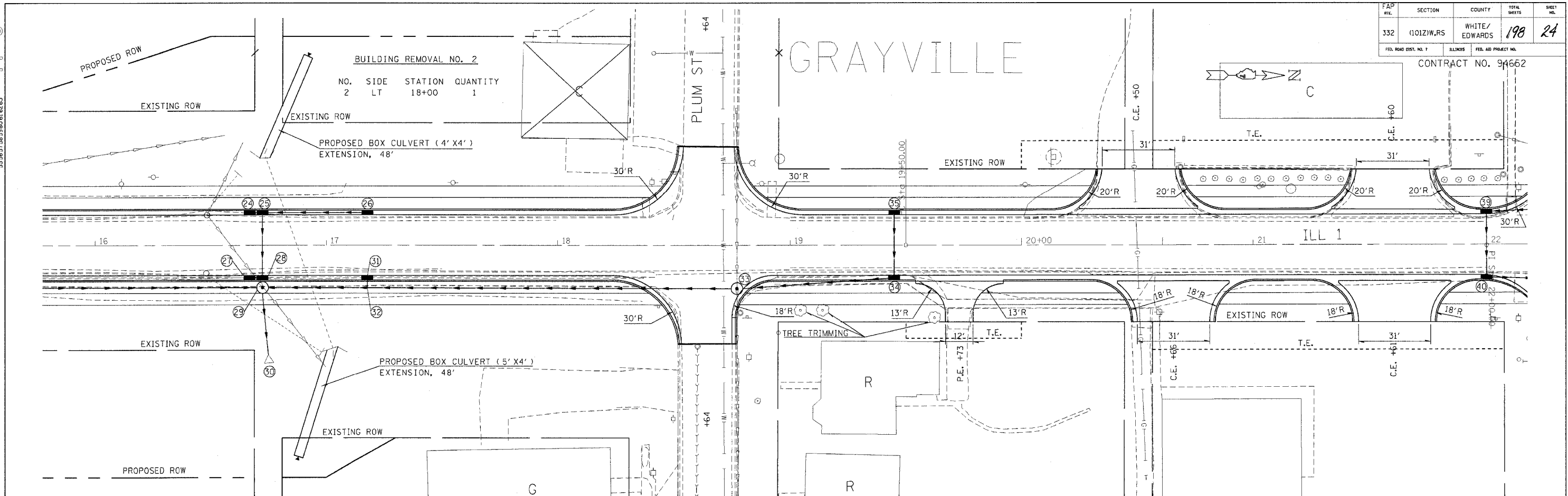
MKS 2/8/05
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 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63

| | | |
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| PLAN | SUBMITTED | DATE |
| NOTE BOOK | PLOTTED | |
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| | CHECKED | |
| | DATE | |
| | FILE NAME | |
| | NO. | |

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| PLAN | SUBMITTED | DATE |
| NOTE BOOK | PLOTTED | |
| NO. | BY | |
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| | DATE | |
| | FILE NAME | |
| | NO. | |

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|-----------------------|------------|----------------------|--------------------|-----------|
| FAP NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | (1012)W,RS | WHITE/EDWARDS | 198 | 24 |
| FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT NO. | CONTRACT NO. 94662 | |

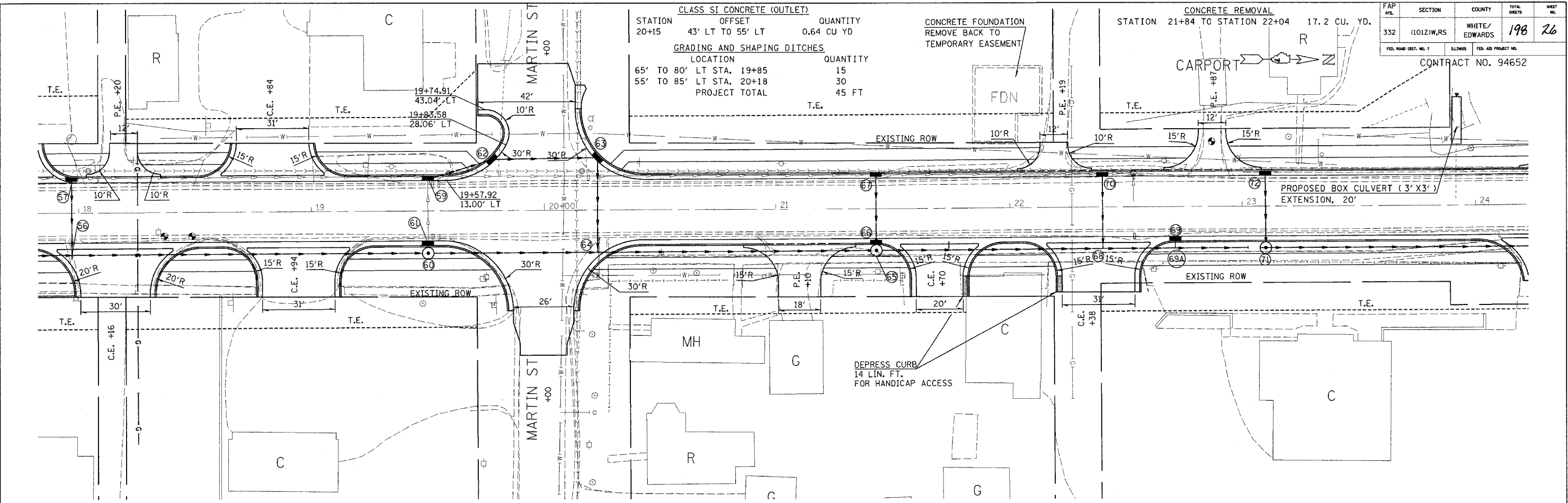


STATION 16+00 TO STATION 22+00

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DATE: _____
 BY: _____
 PLAN: _____
 REVISIONS: _____
 CHECKED: _____
 DATE: _____

DATE: _____
 BY: _____
 PLAN: _____
 REVISIONS: _____
 CHECKED: _____
 DATE: _____



CLASS SI CONCRETE (OUTLET)

| STATION | OFFSET | QUANTITY |
|---------|------------------|------------|
| 20+15 | 43' LT TO 55' LT | 0.64 CU YD |

GRADING AND SHAPING DITCHES

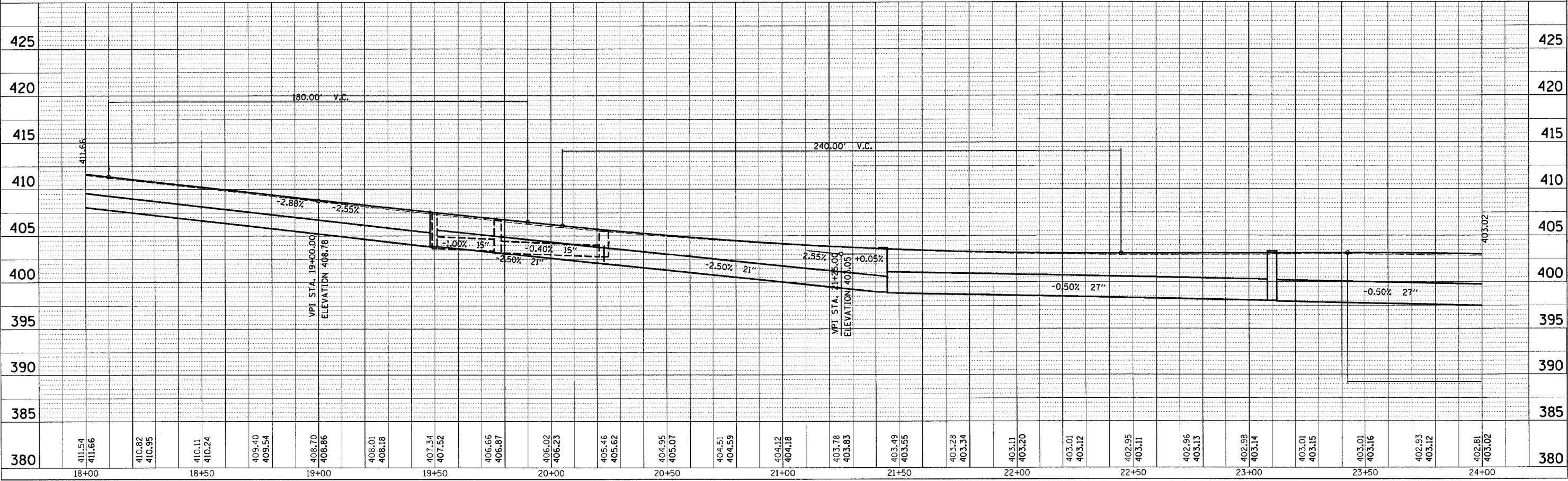
| LOCATION | QUANTITY |
|--------------------------|--------------|
| 65' TO 80' LT STA. 19+85 | 15 |
| 55' TO 85' LT STA. 20+18 | 30 |
| PROJECT TOTAL | 45 FT |

CONCRETE REMOVAL

| STATION | QUANTITY |
|------------------------|--------------|
| 21+84 TO STATION 22+04 | 17.2 CU. YD. |

| FAP SITE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------|------------|---------------|--------------|-----------|
| 332 | (1012)W,RS | WHITE/EDWARDS | 198 | 26 |

CONTRACT NO. 94652



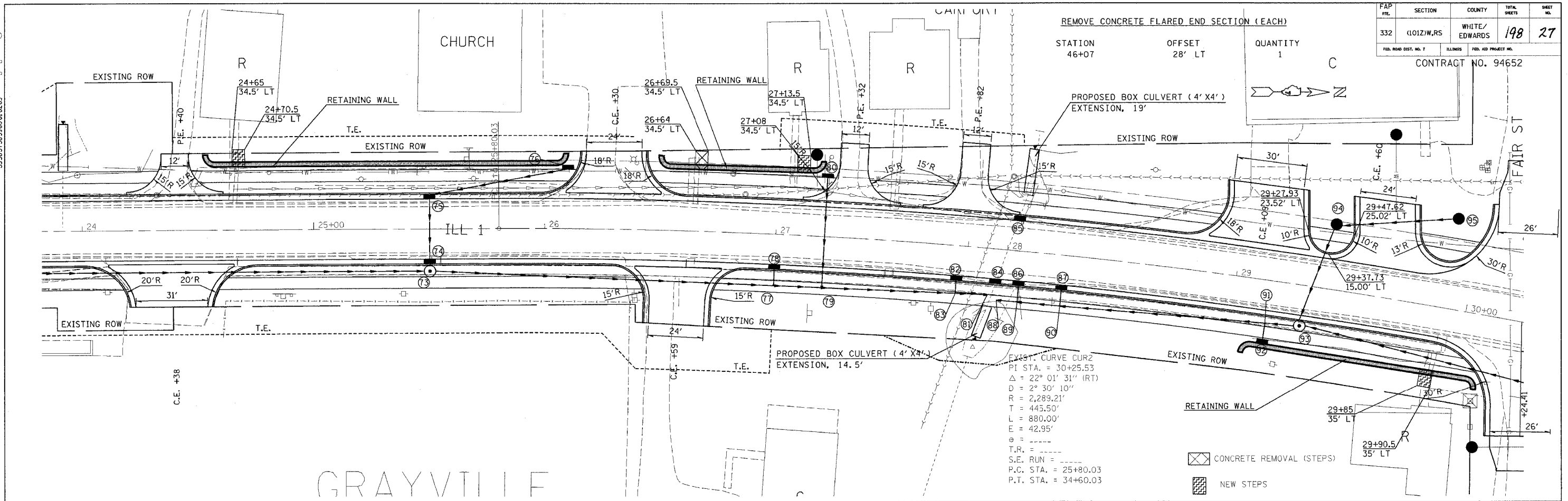
STATION 18+00 TO STATION 24+00

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DATE: _____
 PLAN: _____
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 PLOTTED: _____
 NOTE BOOK: _____
 FILE NAME: _____

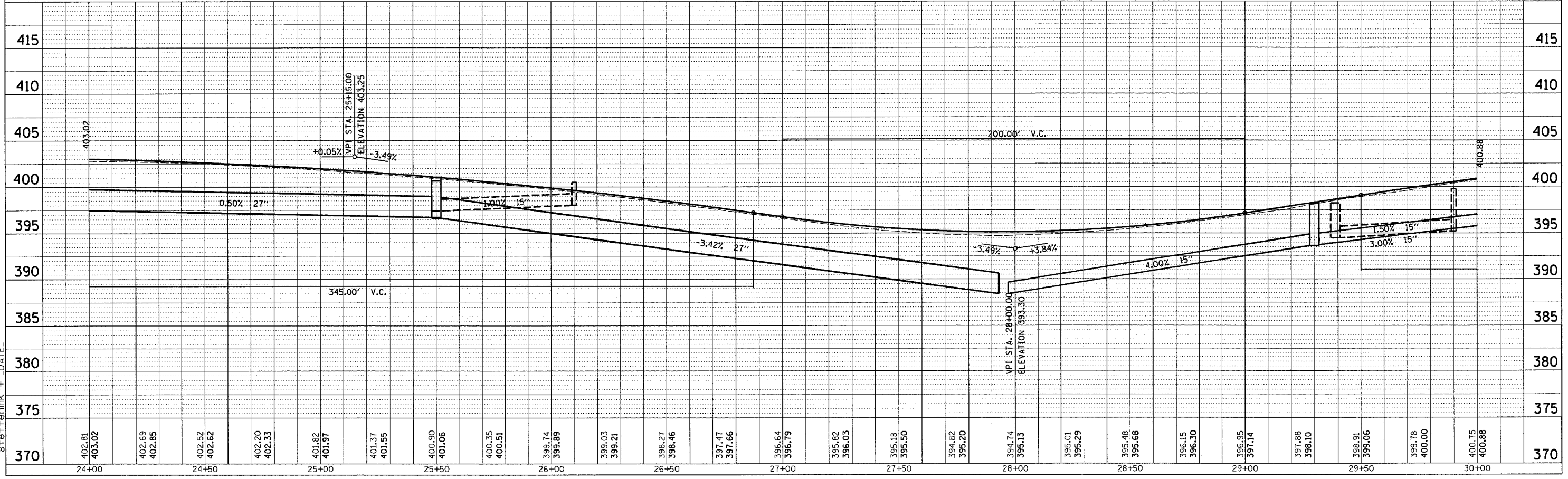
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 SURVEYED: _____
 PLOTTED: _____
 NOTE BOOK: _____
 FILE NAME: _____

PROJECT: 94652
 DATE: _____



| FAP NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------|------------|---------------|--------------|-----------|
| 332 | (1012)W,RS | WHITE/EDWARDS | 198 | 27 |

CONTRACT NO. 94652



STATION 24+00 TO STATION 30+00

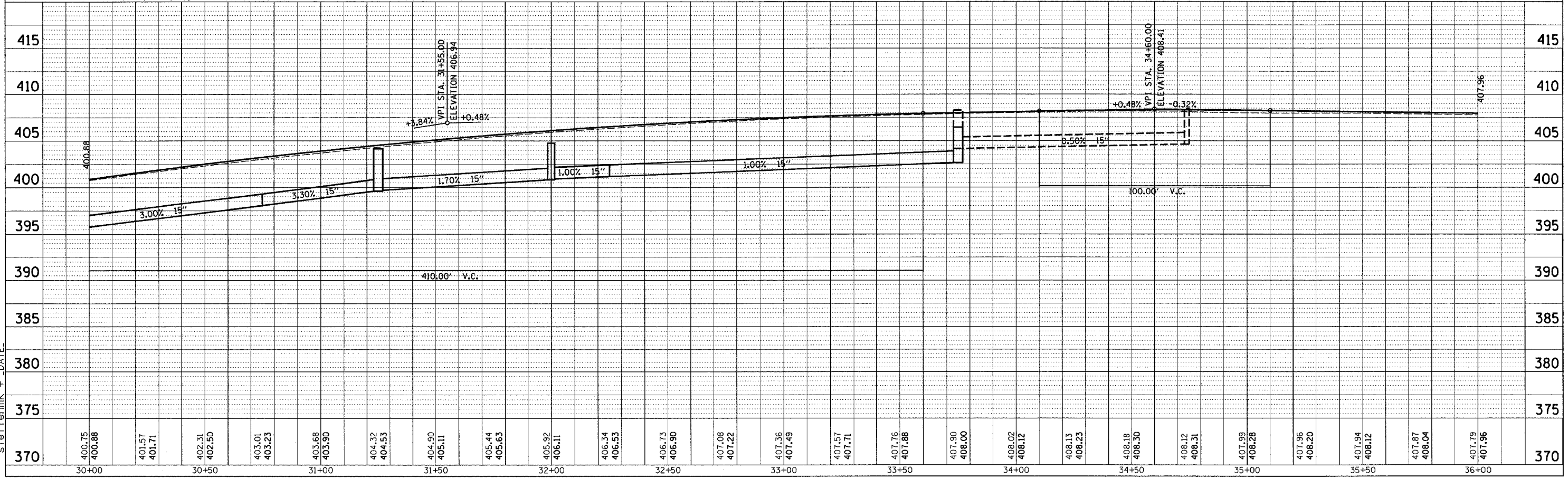
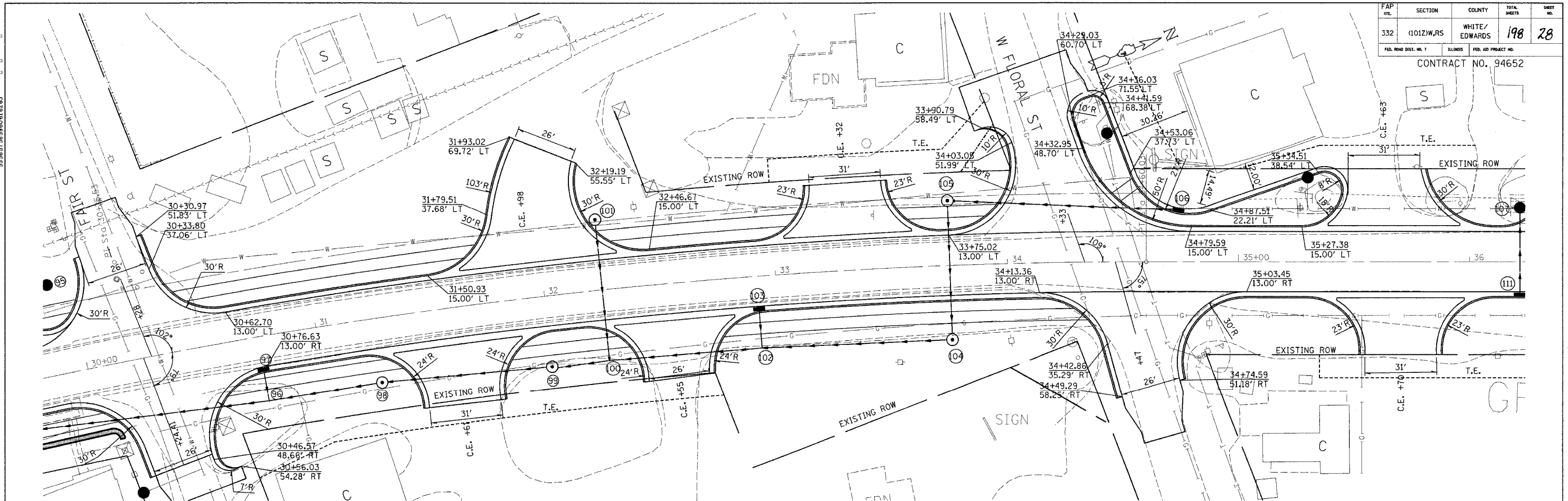
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 81 82 83 84 85 86 87 88 89 90
 91 92 93 94 95 96 97 98 99 100

DATE: _____
 BY: _____
 CHECKED: _____
 DATE: _____

DATE: _____
 BY: _____
 CHECKED: _____
 DATE: _____

| FAP NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------|------------|---------------|--------------|-----------|
| 332 | (1012)W,RS | WHITE/EDWARDS | 198 | 28 |

CONTRACT NO. 94652



STATION 30+00 TO STATION 36+00

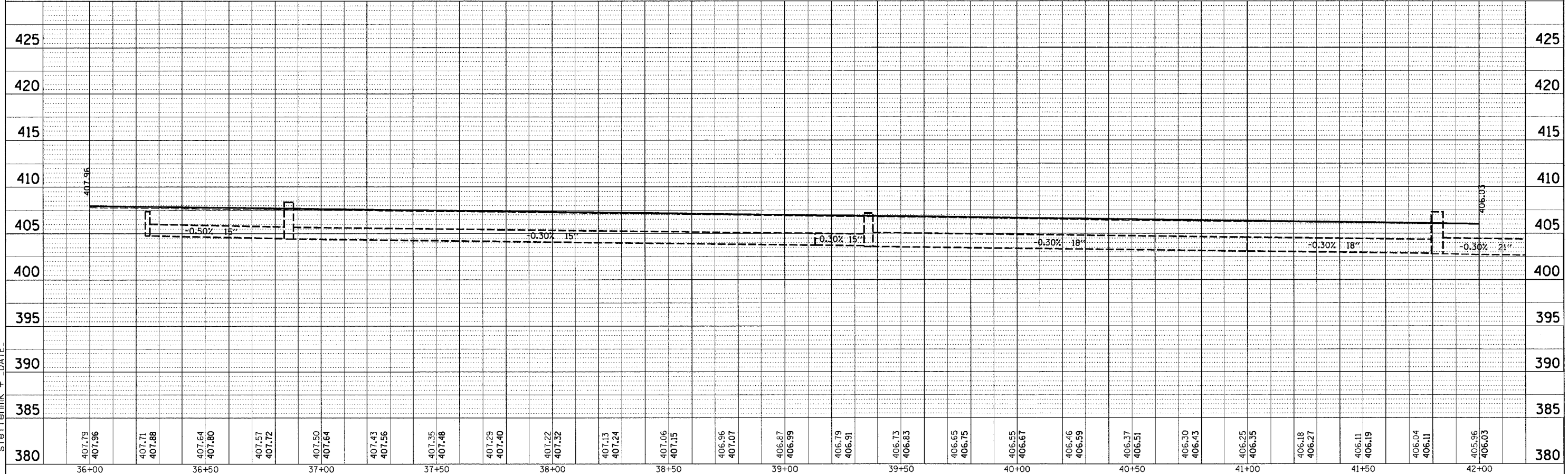
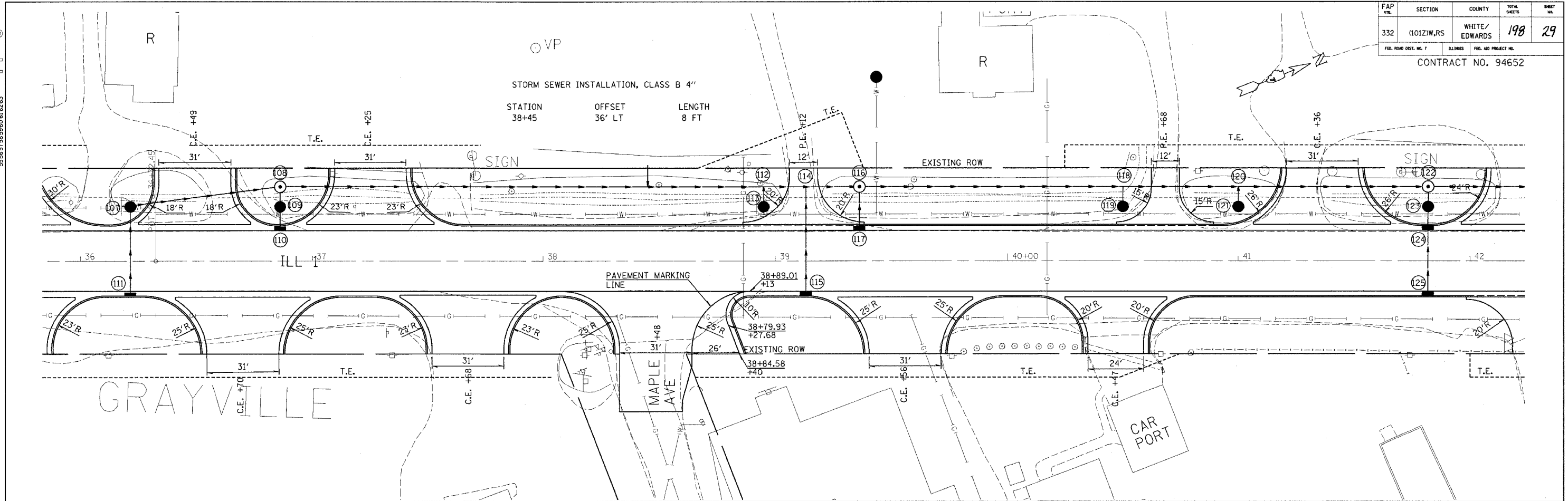
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 37 38 39 40 41 42 43 44 45
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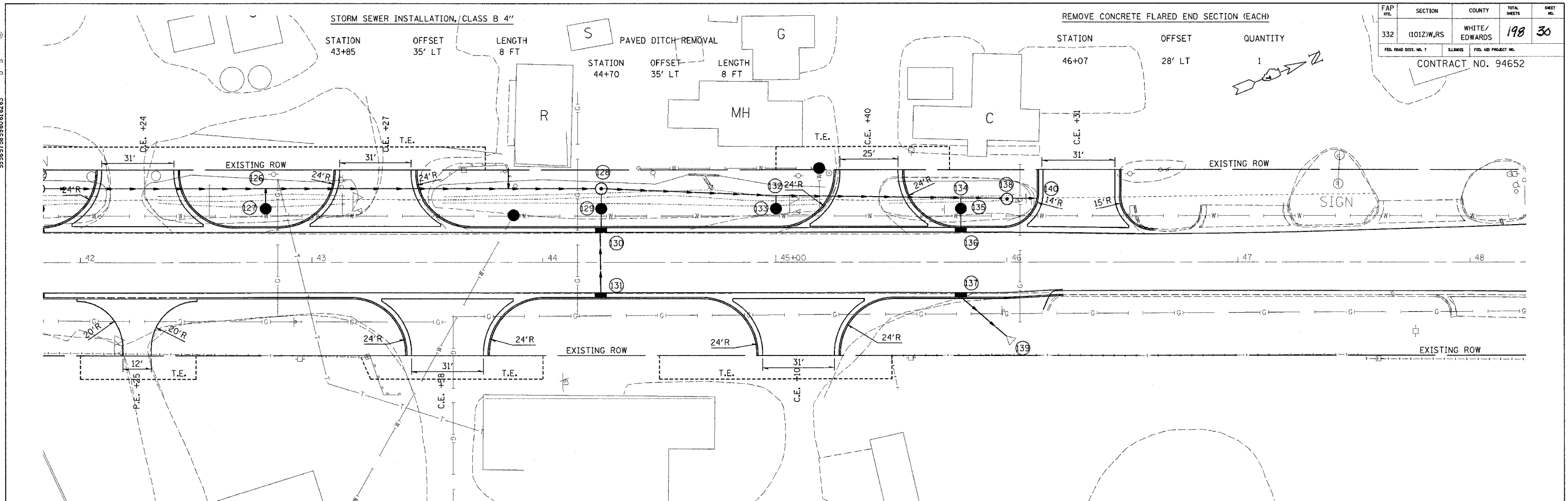
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 55 56 57 58 59 60 61 62 63
 PP 8
 PLAN SURVEYED BY DATE
 PLOTTED BY DATE
 NOTE BOOK NO. DATE
 CHECKED BY DATE
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| FAP NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|------------|---------------|--------------|----------------------|
| 332 | (1012)W,RS | WHITE/EDWARDS | 198 | 29 |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | | FED. AID PROJECT NO. |
| CONTRACT NO. 94652 | | | | |

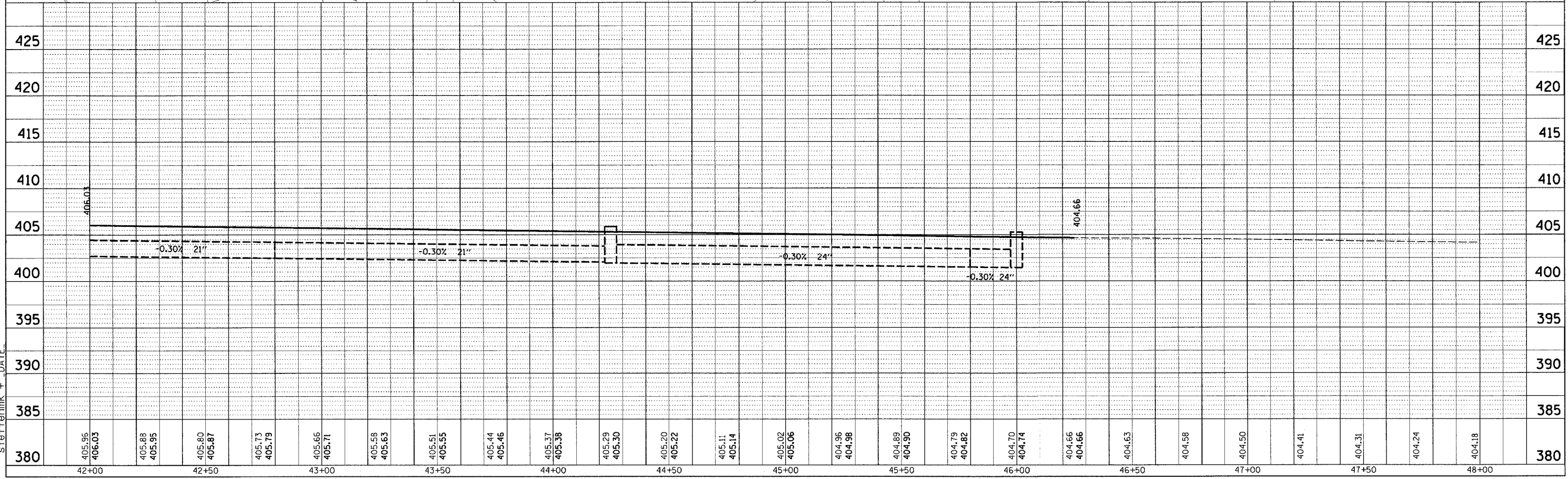


STATION 36+00 TO STATION 42+00

1/31/2005
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 PLAN SURVEYED BY DATE
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| FAP # | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|----------|---------------|----------------------|-----------|
| 332 | 1012W,RS | WHITE/EDWARDS | 198 | 30 |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | FED. AID PROJECT NO. | |
| CONTRACT NO. 94652 | | | | |

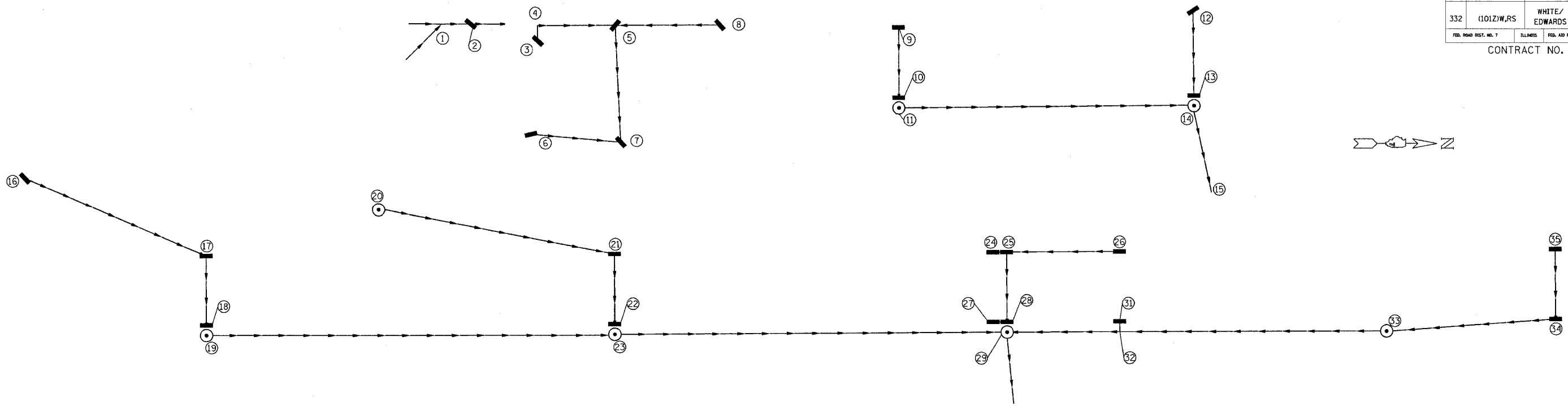


STATION 42+00 TO STATION 48+00

1/31/2005
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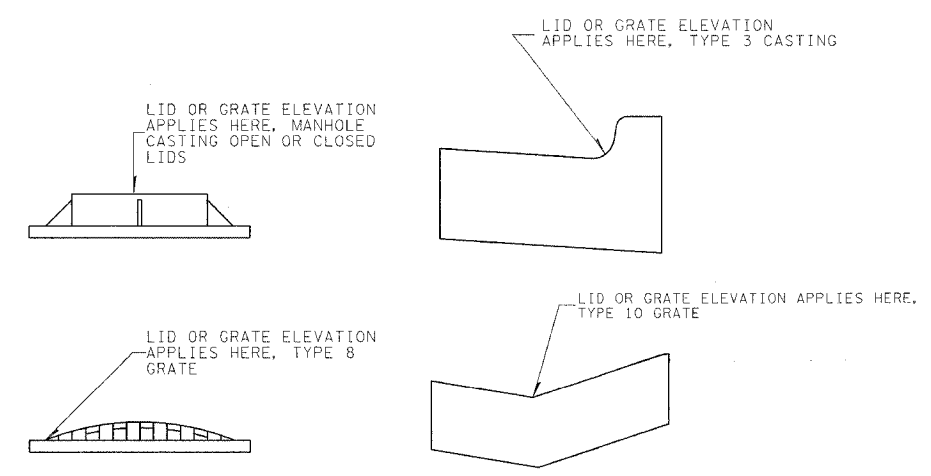
| FAP NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|-----------|---------------|----------------------|-----------|
| 332 | 1101Z\WRS | WHITE/EDWARDS | 198 | 34 |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | FED. AID PROJECT NO. | |

CONTRACT NO. 94652



| PT. TO PT. | RG TYPE 2 15 In | TYPE 2 15 In | TRENCH BACKFILL |
|------------|--------------------|-----------------|--------------------|
| | FT | FT | CU YD |
| 3 - 4 | | 5.1 | 1.6 |
| 4 - 5 | 29.7 | | 8.4 |
| 8 - 5 | 39.8 | | 8.0 |
| 5 - 7 | 43.9 | | 15.4 |
| 6 - 7 | 34.5 | | 23.3 |
| 9 - 10 | 27.0 | | 8.9 |
| 10 - 11 | | 2.1 | 0.8 |
| 11 - 14 | | 116.2 | 80.5 |
| 12 - 13 | 57.9 | | 18.3 |
| 13 - 14 | | 2.2 | 1.4 |
| 14 - 15 | | 31.5 | 1.3 |
| 16 - 17 | 76.8 | | 6.5 |
| 17 - 18 | 25.9 | | 7.6 |
| 18 - 19 | | 2.1 | 0.7 |
| 19 - 23 | | 167.4 | 58.9 |
| 20 - 21 | 95.3 | | 25.8 |
| 21 - 22 | | 25.9 | 4.9 |
| 22 - 23 | | 2.0 | 0.5 |
| 23 - 29 | | 156.6 | 47.8 |
| 26 - 25 | | 43.1 | 6.2 |
| 24 - 25 | | 2.0 | 0.3 |
| 25 - 28 | | 25.4 | 5.1 |
| 27 - 28 | | 2.0 | 0.4 |
| 28 - 29 | | 2.0 | 0.5 |
| 35 - 34 | | 26.5 | 6.3 |
| 34 - 33 | | 65.5 | 16.2 |
| 33 - 32 | 161.7 | | 43.8 |
| 31 - 32 | | 4.6 | 1.0 |
| 32 - 29 | | 44.8 | 13.2 |
| 29 - 30 | | 25.2 | 2.8 |
| TOTAL | 592.5 | 752.2 | 416.4 |

| PT | LOCATION STATION | OFFSET | DESCRIPTION | LID OR GRATE | INLET INVERT | INLET INVERT | OUTLET INVERT | SYM |
|----|------------------|-----------|--------------------------------|--------------|---------------|--------------|---------------|-----|
| 1 | 5+31 | 25' LT. | MH TO BE ADJUSTED W/ NEW TIFCL | | | | | ⊙ |
| 2 | 5+42 | 25' LT. | MH TY A 4' DIA T3F&G | 443.40 | 440.26 (S) | - | 440.16 (N) | ⊙ |
| 3 | 8+40 | 18' LT. | INLET TY A T3F&G | 438.37 | - | - | 433.43 (W) | — |
| 4 | 8+40 | 24' LT. | PIPE TEE 15P 15R | - | 433.35 (S) | 433.35 (E) | 433.35 (N) | T |
| 5 | 8+71 | 24' LT. | MH TY A 4' DIA T3F&G | 437.15 | 432.68 (N) | 432.68 (S) | 432.38 (E) | ⊙ |
| 6 | 8+37 | 18' RT. | INLET TY A T3F&G | 438.48 | - | - | 432.03 (N) | — |
| 7 | 8+74 | 23' RT. | MH TY A 4' DIA T3F&G | 436.75 | 431.52 (S) | 431.52 (W) | 428.53 (E) | ⊙ |
| 8 | 9+13 | 24' LT. | INLET TY A T3F&G | 436.31 | - | - | 433.46 (S) | — |
| 9 | 10+29 | 14.5' LT. | INLET TY A T3F&G | 433.13 | - | - | 428.63 (E) | — |
| 10 | 10+29 | 14.5' RT. | INLET TY B T3F&G | 433.13 | 428.10 (W) | - | 428.00 (E) | — |
| 11 | 10+29 | 20' RT. | MH TY A 4' DIA TIFCL | 433.54 | 427.95 (W) | - | 427.75 (N) | ⊙ |
| 12 | 11+48 | 45' LT. | INLET TY A T3F&G | 431.93 | - | - | 427.81 (E) | — |
| 13 | 11+48 | 14.5' RT. | INLET TY B T3F&G | 432.24 | 426.95 (W) | - | 426.85 (E) | — |
| 14 | 11+48 | 20' RT. | MH TY A 4' DIA TIFCL | 432.65 | 426.60 (S) | 426.70 (W) | 426.40 (E) | ⊙ |
| 15 | 11+55 | 53' RT. | END SECTION - 15" | - | - | - | 425.93 (E) | — |
| 16 | 12+77 | 45' LT. | INLET TY A T3F&G | 431.54 | - | - | 427.04 (N) | — |
| 17 | 13+50 | 14.5' LT. | MH TY A 4' DIA T3F&G | 430.43 | 426.28 (S) | - | 426.08 (E) | ⊙ |
| 18 | 13+50 | 14.5' RT. | INLET TY B T3F&G | 430.43 | 425.70 (W) | - | 425.60 (E) | — |
| 19 | 13+50 | 20' RT. | MH TY A 4' DIA TIFCL | 430.84 | 425.55 (W) | - | 425.35 (N) | ⊙ |
| 20 | 14+20 | 32' LT. | INLET TY A T8G | 427.40 | - | - | 422.05 (N) | — |
| 21 | 15+15 | 14.5' LT. | MH TY A 4' DIA T3F&G | 422.96 | 419.73 (S) | - | 419.53 (E) | ⊙ |
| 22 | 15+15 | 14.5' RT. | INLET TY B T3F&G | 422.96 | 419.15 (W) | - | 419.05 (E) | — |
| 23 | 15+15 | 20' RT. | MH TY A 4' DIA TIFCL | 423.37 | 418.91 (S) | 419.01 (W) | 418.71 (N) | ⊙ |
| 24 | 16+67 | 14.5' LT. | INLET TY A T3F&G | 419.72 | - | - | 416.59 (N) | — |
| 25 | 16+72.5 | 14.5' LT. | MH TY A 4' DIA T3F&G | 419.72 | 416.55 (S) | 416.40 (N) | 416.25 (E) | ⊙ |
| 26 | 17+18 | 14.5' LT. | INLET TY A T3F&G | 420.18 | - | - | 417.03 (S) | — |
| 27 | 16+67 | 14.5' RT. | INLET TY A T3F&G | 419.72 | - | - | 416.02 (N) | — |
| 28 | 16+72.5 | 14.5' RT. | MH TY A 4' DIA T3F&G | 419.72 | 415.98 (S) | 415.88 (W) | 415.78 (E) | ⊙ |
| 29 | 16+72.5 | 20.5' RT. | MH TY A 4' DIA TIFCL | 420.12 | 415.64 (N,S) | 415.74 (W) | 415.44 (E) | ⊙ |
| 30 | 16+75 | 47' RT. | END SECTION - 15" | - | - | - | 414.82 (E) | — |
| 31 | 17+18 | 14.5' RT. | INLET TY A T3F&G | 420.18 | - | - | 417.04 (E) | — |
| 32 | 17+18 | 20' RT. | PIPE TEE 15P 15R | - | 416.95 (N) | 416.95 (W) | 416.95 (S) | T |
| 33 | 18+77 | 20' RT. | MH TY A 4' DIA TIFCL | 425.82 | 421.95 (W-EX) | 422.05 (N) | 421.65 (S) | ⊙ |
| 34 | 19+45 | 14.5' RT. | MH TY A 4' DIA T3F&G | 427.79 | 423.53 (W) | - | 423.33 (S) | ⊙ |
| 35 | 19+45 | 14.5' LT. | INLET TY A T3F&G | 427.79 | - | - | 424.05 (E) | — |



| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION

STORM SEWER

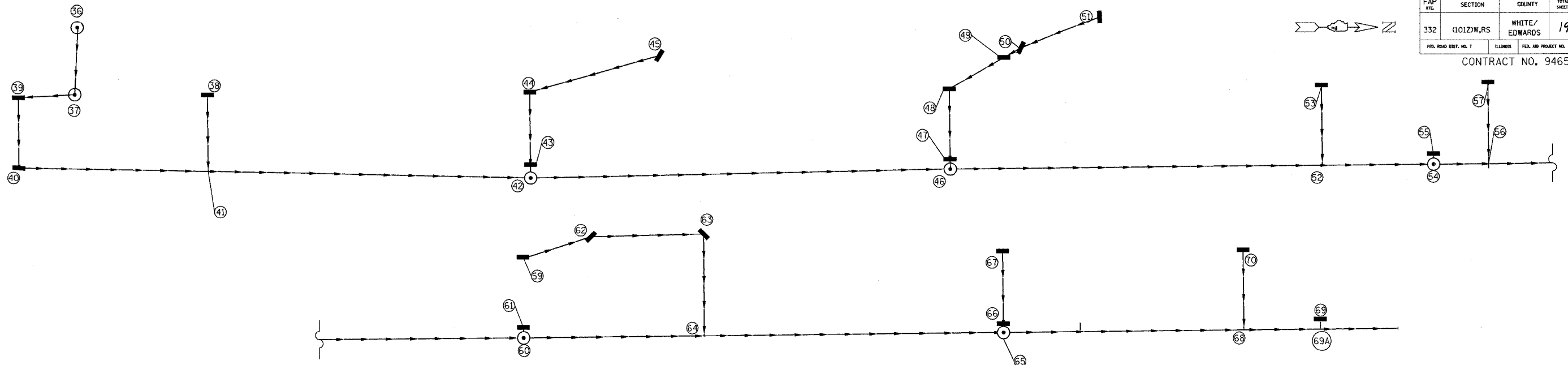
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 HORIZ.
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| FAP ETL | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|------------|---------------|----------------------|-----------|
| 332 | (1012)W,RS | WHITE/EDWARDS | 198 | 35 |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | FED. AID PROJECT NO. | |

CONTRACT NO. 94652



| PIPE SCHEDULE | | | | | | | | |
|---------------|--------------------|--------------------|-----------------|-----------------|--------------------|-----------------|-----------------|--------------------|
| PT. TO PT. | RG TYPE 1 15 in | RG TYPE 2 15 in | TYPE 2 15 in | TYPE 2 18 in | RG TYPE 2 21 in | TYPE 2 21 in | TYPE 2 27 in | TRENCH BACKFILL |
| | FT | FT | FT | FT | FT | FT | FT | CU YD |
| 36 - 37 | 24.2 | | | | | | | 2.9 |
| 37 - 39 | | 18.9 | | | | | | 3.4 |
| 39 - 40 | | | 25.4 | | | | | 6.9 |
| 40 - 41 | | | 75.9 | | | | | 24.0 |
| 38 - 41 | | | 30.7 | | | | | 8.0 |
| 41 - 42 | | | 131.2 | | | | | 40.0 |
| 45 - 44 | 49.4 | | | | | | | 6.0 |
| 44 - 43 | | | 25.8 | | | | | 4.9 |
| 43 - 42 | | | 2.0 | | | | | 0.5 |
| 42 - 46 | | | 169.6 | | | | | 51.7 |
| 51 - 50 | 32.3 | | | | | | | 3.9 |
| 50 - 49 | | 5.1 | | | | | | 0.6 |
| 49 - 48 | | | 21.8 | | | | | 2.6 |
| 48 - 47 | | | 25.8 | | | | | 4.6 |
| 47 - 46 | | | 2.0 | | | | | 0.5 |
| 46 - 52 | | | 151.7 | | | | | 41.1 |
| 53 - 52 | | | 33.8 | | | | | 6.1 |
| 52 - 54 | | | 44.1 | | | | | 9.9 |
| 55 - 54 | | | 2.6 | | | | | 0.4 |
| 54 - 56 | | | | 20.6 | | | | 4.2 |
| 57 - 56 | | | 33.7 | | | | | 5.2 |
| 56 - 60 | | | | 155.2 | | | | 31.8 |
| 61 - 60 | | | 2.6 | | | | | 0.4 |
| 60 - 64 | | | | | 72.8 | | | 16.0 |
| 59 - 62 | | 26.0 | | | | | | 4.9 |
| 62 - 63 | | 43.2 | | | | | | 6.2 |
| 63 - 64 | | 40.7 | | | | | | 6.3 |
| 64 - 65 | | | | | | 121.0 | | 33.3 |
| 67 - 66 | | | 26.9 | | | | | 5.7 |
| 66 - 65 | | | 2.1 | | | | | 0.6 |
| 65 - 68 | | | | | | | 95.5 | 32.7 |
| 70 - 68 | | | 33.8 | | | | | 8.4 |
| 68 - 69A | | | | | | | 31.2 | 11.7 |
| 69 - 69A | | | 4.0 | | | | | 1.1 |
| 69A - 71 | | | | | | | 42.2 | 16.5 |
| TOTAL | 111.0 | 150.6 | 823.7 | 175.8 | 72.8 | 121.0 | 168.9 | 403.0 |

| SCHEDULE OF DRAINAGE STRUCTURES | | | | | | | | | |
|---------------------------------|------------------|-----------|--------------------------------|--------------|--------------|--------------|---------------|-----|--|
| PT | LOCATION STATION | OFFSET | DESCRIPTION | LID OR GRATE | INLET INVERT | INLET INVERT | OUTLET INVERT | SYM | |
| 36 | 22+23.7 | 41.6' LT. | EXISTING MANHOLE - ADJUST LID | ADJUST | EXISTING | - | 426.59 (E) | ⊙ | |
| 37 | 22+22.5 | 15' LT. | MH TY A 4' DIA T1FCL | 427.98 | 424.98 (W) | - | 424.78 (S) | ⊙ | |
| 38 | 22+76 | 14.5' LT. | INLET TY A T3F&G | 426.24 | - | - | 422.43 (E) | ■ | |
| 39 | 22+00 | 14.5' LT. | MH TY A 4' DIA T3F&G | 428.29 | 424.41 (N) | - | 424.21 (E) | ⊙ | |
| 40 | 22+00 | 14.5' RT. | MH TY A 4' DIA T3F&G | 428.29 | 423.81 (W) | - | 423.61 (N) | ⊙ | |
| 41 | 22+76 | 16.5' RT. | PIPE TEE 15P 15R | - | 421.76 (S) | 421.76 (W) | 421.76 (N) | T | |
| 42 | 24+06 | 20' RT. | MH TY A 4' DIA T1FCL | 423.09 | 418.56 (S) | 418.66 (W) | 418.36 (N) | ⊙ | |
| 43 | 24+06 | 14.5' RT. | INLET TY B T3F&G | 422.50 | 418.80 (W) | - | 418.70 (E) | ■ | |
| 44 | 24+06 | 14.5' LT. | MH TY A 4' DIA T3F&G | 422.50 | 419.16 (N) | - | 419.06 (E) | ⊙ | |
| 45 | 14+62 | 26.3' LT. | INLET TY A T10F&G | 421.59 | - | - | 419.32 (S) | ■ | |
| 46 | 15+80 | 20' RT. | MH TY A 4' DIA T1FCL | 418.19 | 413.74 (S) | 413.82 (W) | 413.62 (N) | ⊙ | |
| 47 | 15+80 | 14.5' RT. | INLET TY B T3F&G | 417.60 | 413.96 (W) | - | 413.86 (E) | ■ | |
| 48 | 15+80 | 14.5' LT. | MH TY A 4' DIA T3F&G | 417.60 | 414.41 (W) | - | 414.21 (E) | ⊙ | |
| 49 | 16+02 | 26.3' LT. | INLET TY B T10F&G | 417.56 | 414.83 (N) | - | 414.73 (S) | ■ | |
| 50 | 16+09 | 30' LT. | INLET TY B T3F&G | 418.06 | 415.03 (N) | - | 414.93 (S) | ■ | |
| 51 | 16+41 | 42' LT. | INLET TY A T3F&G | 418.06 | - | - | 415.66 (S) | ■ | |
| 52 | 17+30 | 20' RT. | PIPE TEE 15P 15R | - | 409.92 (S) | 409.92 (W) | 409.92 (N) | T | |
| 53 | 17+30 | 14.5' LT. | INLET TY A T3F&G | 413.28 | - | - | 410.25 (E) | ■ | |
| 54 | 17+75 | 20' RT. | MH TY A 4' DIA T1FCL | 412.59 | 408.84 (S) | 408.94 (W) | 408.74 (N) | ⊙ | |
| 55 | 17+75 | 14.5' RT. | INLET TY A T3F&G | 412.00 | - | - | 408.99 (E) | ■ | |
| 56 | 17+97 | 20' RT. | PIPE TEE 18P 15R | - | 408.18 (S) | 408.31 (W) | 408.18 (N) | T | |
| 57 | 17+97 | 14.5' LT. | INLET TY A T3F&G | 411.35 | - | - | 408.64 (E) | ■ | |
| 58 | | | THIS POINT HAS BEEN ELIMINATED | | | | | | |
| 59 | 19+50 | 14.5' LT. | INLET TY A T3F&G | 407.52 | - | - | 403.66 (N) | ■ | |
| 60 | 19+50 | 20' RT. | MH TY A 4' DIA T1FCL | 407.72 | 403.95 (S) | 404.05 (W) | 403.85 (N) | ⊙ | |
| 61 | 19+50 | 14.5' RT. | INLET TY A T3F&G | 407.13 | - | - | 404.10 (E) | ■ | |
| 62 | 19+77 | 22.5' LT. | INLET TY B T3F&G | 406.67 | 403.40 (S) | - | 403.20 (N) | ■ | |
| 63 | 20+23 | 22.5' LT. | MH TY A 4' DIA T3F&G | 405.52 | 402.77 (S) | - | 402.67 (E) | ⊙ | |
| 64 | 20+23 | 20' RT. | PIPE TEE 21P 15R | - | 402.22 (S) | 402.47 (W) | 402.22 (N) | T | |
| 65 | 21+43 | 20' RT. | MH TY A 4' DIA T1FCL | 403.75 | 398.95 (S) | 399.05 (W) | 398.85 (N) | ⊙ | |
| 66 | 21+43 | 14.5' RT. | INLET TY B T3F&G | 403.24 | 399.20 (W) | - | 399.10 (E) | ■ | |
| 67 | 21+43 | 14.5' LT. | INLET TY A T3F&G | 403.24 | - | - | 399.60 (E) | ■ | |
| 68 | 22+40 | 20' RT. | PIPE TEE 27P 15R | - | 398.37 (S) | 398.87 (W) | 398.37 (N) | T | |
| 69 | 22+71 | 14.5' RT. | INLET TY A T3F&G | 402.72 | - | - | 398.75 (E) | ■ | |
| 69A | 22+71 | 20' RT. | PIPE TEE 27P 15R | - | 398.21 (S) | 398.71 (W) | 398.21 (N) | T | |
| 70 | 22+40 | 14.5' LT. | INLET TY A T3F&G | 402.72 | - | - | 399.21 (E) | ■ | |

| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
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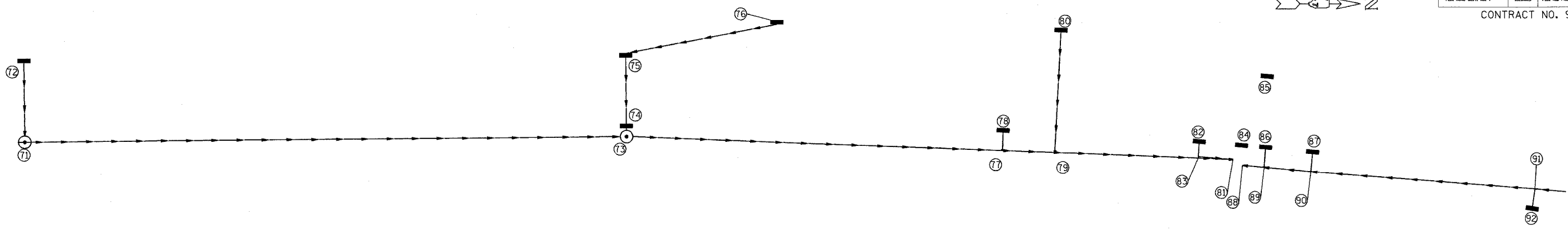
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| FAP EST. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|------------|---------------|----------------------|-----------|
| 332 | (1012)W,RS | WHITE/EDWARDS | 198 | 36 |
| FED. ROAD DIST. NO. 7 | | BLDG. NO. | FED. AID PROJECT NO. | |

CONTRACT NO. 94652



| PT. TO PT. | RG TYPE 1 | RG TYPE 2 | TYPE 2 | TYPE 2 | TRENCH BACKFILL | |
|------------|-----------|-----------|--------|--------|-----------------|------|
| | 15 In | 15 In | 15 In | 27 In | | |
| | FT | FT | FT | FT | CU YD | |
| 72 - 71 | 58.6 | | 31.8 | | 6.8 | |
| 71 - 73 | | | | 232.2 | 75.9 | |
| 76 - 75 | | | | | 7.1 | |
| 75 - 74 | | | | 25.8 | 4.9 | |
| 74 - 73 | | | | 2.1 | 0.5 | |
| 73 - 77 | 48.2 | | | 153.1 | 52.5 | |
| 78 - 77 | | | | 4.5 | 1.3 | |
| 77 - 79 | | | | | 21.8 | 13.8 |
| 80 - 79 | | | | | 60.0 | 17.0 |
| 79 - 83 | | | | | 60.0 | 41.7 |
| 82 - 83 | | | 4.5 | | 1.8 | |
| 83 - 81 | | | | 14.5 | 10.7 | |
| 92 - 91 | | | 7.0 | | 2.0 | |
| 91 - 90 | | | 93.7 | | 32.0 | |
| 87 - 90 | | | 6.8 | | 2.4 | |
| 90 - 89 | | | 19.8 | | 7.4 | |
| 86 - 89 | | | 6.6 | | 3.4 | |
| 89 - 88 | | | 9.4 | | 3.6 | |
| TOTAL | 58.6 | 48.2 | 212.0 | 481.6 | 284.8 | |

| PT | LOCATION STATION | OFFSET | DESCRIPTION | LID OR GRATE | INLET INVERT | INLET INVERT | OUTLET INVERT | SYM |
|----|------------------|-----------|-----------------------------|--------------|--------------|--------------|---------------|-----|
| 71 | 23+15 | 20' RT. | MH TY A 4' DIA T1FCL | 403.34 | 398.01 (S) | 399.03 (W) | 397.93 (N) | ⊙ |
| 72 | 23+15 | 14.5' LT. | INLET TY A T3F&G | 402.75 | - | - | 399.34 (E) | — |
| 73 | 25+50 | 20' RT. | MH TY A 4' DIA T1FCL | 401.08 | 396.74 (S) | 396.84 (W) | 396.64 (N) | ⊙ |
| 74 | 25+50 | 14.5' RT. | INLET TY B T3F&G | 400.67 | 396.99 (W) | - | 396.89 (E) | — |
| 75 | 25+50 | 14.5' LT. | MH TY A 4' DIA T3F&G | 400.67 | 397.44 (N) | - | 397.24 (E) | ⊙ |
| 76 | 26+10 | 26.3' LT. | INLET TY A T10F&G | 400.51 | - | - | 398.02 (S) | — |
| 77 | 27+00 | 20' RT. | PIPE TEE 27P 15R | - | 391.58 (S) | 392.08 (W) | 391.58 (N) | T |
| 78 | 27+00 | 14.5' RT. | INLET TY A T3F&G | 396.16 | - | - | 392.26 (E) | — |
| 79 | 27+21 | 22' RT. | PIPE TEE 27P 15R | - | 390.86 (S) | 391.36 (W) | 390.86 (N) | T |
| 80 | 27+21 | 26.3' LT. | INLET TY A T10F&G | 397.00 | - | - | 392.78 (E) | — |
| 81 | 27+93 | 20' RT. | STORM SEWER CONN., SPECIAL | - | 388.40 (S) | - | - | — |
| 82 | 27+79 | 14.5' RT. | INLET TY A T3F&G | 394.55 | - | - | 389.56 (E) | — |
| 83 | 27+79 | 20' RT. | PIPE TEE 27P 15R | - | 388.88 (S) | 389.38 (W) | 388.88 (N) | T |
| 84 | 27+96 | 14.5' RT. | DROP INLET SPECIAL W/ T3F&G | 394.50 | - | - | - | — |
| 85 | 28+04 | 14.5' LT. | DROP INLET SPECIAL W/ T3F&G | 395.51 | - | - | - | — |
| 86 | 28+06 | 14.5' RT. | INLET TY A T3F&G | 394.53 | - | - | 388.89 (E) | — |
| 87 | 28+25 | 14.5' RT. | INLET TY A T3F&G | 394.67 | - | - | 389.78 (E) | — |
| 88 | 27+97 | 22' RT. | STORM SEWER CONN., SPECIAL | - | 388.40 (S) | - | - | — |
| 89 | 28+06 | 22' RT. | PIPE TEE 15P 15R | - | 388.76 (N) | 388.76 (W) | 388.76 (S) | T |
| 90 | 28+25 | 22' RT. | PIPE TEE 15P 15R | - | 389.52 (N) | 389.52 (W) | 389.52 (S) | T |
| 91 | 29+15 | 18.5' RT. | PIPE TEE 15P 15R | - | 393.12 (N) | 393.12 (E) | 393.12 (S) | T |
| 92 | 29+15 | 26.3' RT. | INLET TY A T10F&G | 397.66 | - | - | 393.29 (W) | — |

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ILLINOIS DEPARTMENT OF TRANSPORTATION

STORM SEWER

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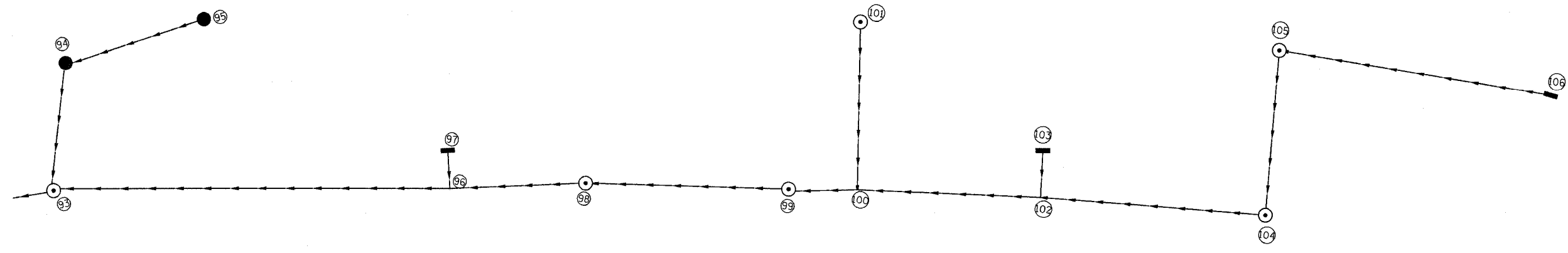
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| FAP KTL | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|------------|-------------------|----------------------|--------------|
| 332 | (1012)W,RS | WHITE/ EDWARDS | 198 | 37 |
| FED. ROAD DIST. NO. 7 | | SLIPWAYS | FED. AID PROJECT NO. | |

CONTRACT NO. 94652



| PIPE SCHEDULE | | | |
|---------------|--------------------|-----------------|--------------------|
| PT. TO PT. | RG TYPE 2 15 In | TYPE 2 15 In | TRENCH BACKFILL |
| | FT | FT | CU YD |
| 106 - 105 | 96.5 | | 22.8 |
| 105 - 104 | | 57.1 | 13.0 |
| 104 - 102 | | 81.8 | 0.0 |
| 103 - 102 | | 15.8 | 1.8 |
| 102 - 100 | | 67.7 | 9.8 |
| 101 - 100 | 60.9 | | 15.5 |
| 100 - 99 | | 23.7 | 0.0 |
| 99 - 98 | | 72.7 | 11.9 |
| 98 - 96 | | 49.4 | 0.0 |
| 97 - 96 | | 12.8 | 2.9 |
| 96 - 93 | 147.7 | | 35.9 |
| 95 - 94 | 49.7 | | 8.3 |
| 94 - 93 | 44.4 | | 11.5 |
| 93 - 91 | | 13.5 | 4.1 |
| TOTAL | 399.2 | 394.5 | 137.5 |

| SCHEDULE OF DRAINAGE STRUCTURES | | | | | | | | |
|---------------------------------|---------------------|-----------|----------------------|-----------------|-----------------|-----------------|------------------|-----|
| PT | LOCATION STATION | OFFSET | DESCRIPTION | LID OR GRATE | INLET INVERT | INLET INVERT | OUTLET INVERT | SYM |
| 93 | 29+30 | 17.5' RT. | MH TY A 4' DIA TIFCL | 398.21 | 393.84 (W) | 393.74 (N) | 393.64 (S) | ⊙ |
| 94 | 29+39 | 29.5' LT. | MH TY A 4' DIA T8G | 398.21 | 394.48 (N) | - | 394.28 (E) | ⊙ |
| 95 | 29+90 | 39' LT. | INLET TY A T8G | 399.75 | - | - | 395.21 (S) | — |
| 96 | 30+75 | 28' RT. | PIPE TEE 15P 15R | - | 398.03 (N) | 398.03 (W) | 398.03 (S) | T |
| 97 | 30+75 | 14.5' RT. | INLET TY A T3F&G | 402.61 | - | - | 398.28 (E) | — |
| 98 | 31+25 | 27.8' RT. | MH TY A 4' DIA T8G | 404.16 | 399.70 (N) | - | 399.60 (N) | ⊙ |
| 99 | 32+00 | 30.5' RT. | INLET TY B T8G | 404.77 | 400.92 (N) | - | 400.82 (S) | — |
| 100 | 32+25 | 30.5' RT. | PIPE TEE 15P 15R | - | 401.17 (N) | 401.17 (W) | 401.17 (S) | T |
| 101 | 32+25 | 30.5' LT. | INLET TY A T8G | 406.18 | - | - | 402.07 (E) | — |
| 102 | 32+92 | 31' RT. | PIPE TEE 15P 15R | - | 401.82 (N) | 401.82 (W) | 401.82 (S) | T |
| 103 | 32+92 | 14.5' RT. | INLET TY A T3F&G | 406.78 | - | - | 402.13 (E) | — |
| 104 | 33+75 | 32' RT. | MH TY A 4' DIA TIFCL | 406.45 | 402.84 (W) | - | 402.64 (S) | ⊙ |
| 105 | 33+75 | 28' LT. | MH TY A 4' DIA T8G | 408.28 | 404.16 (N) | - | 403.96 (E) | ⊙ |
| 106 | 34+74 | 23' LT. | INLET TY A T3F&G | 408.46 | - | - | 404.64 (S) | — |

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ILLINOIS DEPARTMENT OF TRANSPORTATION

STORM SEWER

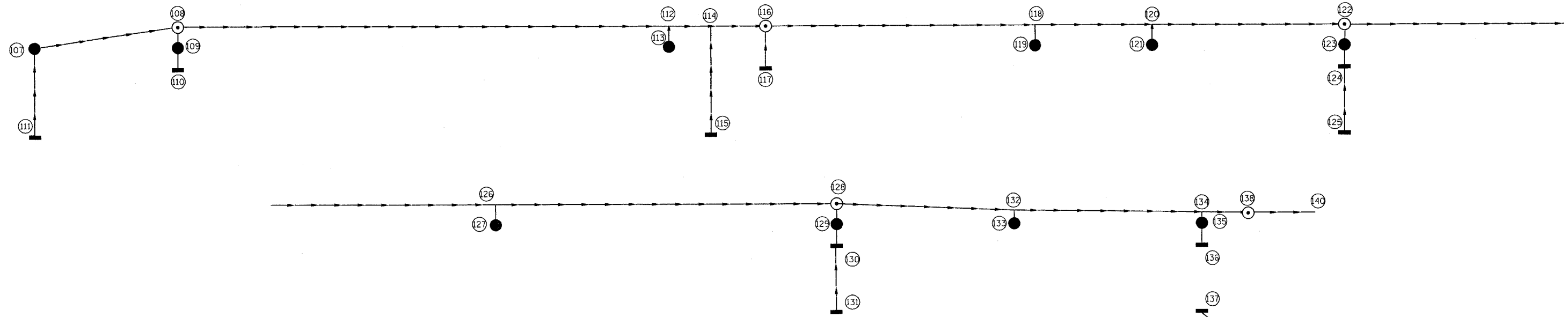
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| FAP NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|------------|---------------|----------------------|-----------|
| 332 | (101Z)W.RS | WHITE/EDWARDS | 198 | 38 |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | FED. AID PROJECT NO. | |
| CONTRACT NO. 94652 | | | | |



| PIPE SCHEDULE | | | | | | | | | | |
|---------------|--------------------|-----------------|--------------------|-----------------|--------------------|-----------------|-----------------|-----------------|--------------------|--------------------|
| PT. TO PT. | RG TYPE 1 12 In | TYPE 1 12 In | RG TYPE 1 15 In | TYPE 1 15 In | RG TYPE 2 15 In | TYPE 2 15 In | TYPE 2 18 In | TYPE 2 21 In | RG TYPE 2 24 In | TRENCH BACKFILL |
| | FT | FT | FT | FT | FT | FT | FT | FT | FT | CU YD |
| 107 - 108 | | | | | 58.9 | | | | | 5.7 |
| 111 - 107 | | 35.0 | | 5.8 | | | | | | 4.6 |
| 110 - 109 | | | | | | | | | | 0.7 |
| 109 - 108 | | | | | 5.2 | | | | | 0.0 |
| 108 - 112 | | | | | | 207.6 | | | | 8.9 |
| 113 - 112 | | | | | 7.8 | | | | | 0.0 |
| 112 - 114 | | | | | | 18.1 | | | | 1.6 |
| 115 - 114 | 45.7 | | | | | | | | | 6.0 |
| 114 - 116 | | | | | | 21.1 | | | | 1.4 |
| 117 - 116 | | | 14.6 | | | | | | | 1.5 |
| 116 - 118 | | | | | | | 112.3 | | | 0.0 |
| 119 - 118 | | | | | 7.8 | | | | | 0.0 |
| 118 - 120 | | | | | | | 50.2 | | | 4.5 |
| 121 - 120 | | | | | 7.8 | | | | | 0.0 |
| 120 - 122 | | | | | | | 79.7 | | | 12.1 |
| 125 - 124 | | 26.6 | | | | | | | | 3.5 |
| 124 - 123 | 5.9 | | | | | | | | | 0.8 |
| 123 - 122 | | | | | | | | | | 0.0 |
| 122 - 126 | | | | | | | | 95.8 | | 11.6 |
| 127 - 126 | | | | | 7.8 | | | | | 0.0 |
| 126 - 128 | | | | | | | | 142.9 | | 9.2 |
| 131 - 130 | | 26.6 | | | | | | | | 3.5 |
| 130 - 129 | | | | 5.9 | | | | | | 0.5 |
| 129 - 128 | | | | | 4.7 | | | | 72.8 | 0.0 |
| 128 - 132 | | | | | | | | | | 0.0 |
| 133 - 132 | | | | 4.8 | | | | | | 0.0 |
| 132 - 134 | | | | | | | | | 80.2 | 6.4 |
| 136 - 135 | | | | 6.4 | | | | | | 0.4 |
| 135 - 134 | | | | 3.2 | | | | | | 0.0 |
| 134 - 138 | | | | | | | | 17.6 | | 0.0 |
| 137 - 139 | | | | | 26.0 | | | | | 0.2 |
| 138 - 140 | | | | | | | | | 11.4 | 2.2 |
| TOTAL | 51.6 | 88.2 | 40.7 | 26.0 | 104.7 | 246.8 | 242.2 | 238.7 | 182.0 | 85.3 |

| SCHEDULE OF DRAINAGE STRUCTURES | | | | | | | | |
|---------------------------------|------------------|-----------|----------------------|--------------|--------------|--------------|---------------|-----|
| PT | LOCATION STATION | OFFSET | DESCRIPTION | LID OR GRATE | INLET INVERT | INLET INVERT | OUTLET INVERT | SYM |
| 107 | 36+25 | 23.3' LT. | MH TY A 4' DIA T8G | 407.36 | 404.86 (E) | - | 404.76 (N) | ⊙ |
| 108 | 36+86 | 32' LT. | MH TY A 4' DIA T1FCL | 408.36 | 404.47 (S) | 404.52 (E) | 404.42 (N) | ⊙ |
| 109 | 36+86 | 23.3' LT. | INLET TY B T8G | 407.17 | 404.60 (E) | - | 404.55 (W) | ■ |
| 110 | 36+86 | 14.5' LT. | INLET TY A T3F&G | 407.31 | - | - | 404.63 (W) | ■ |
| 111 | 36+22 | 14.5' RT. | INLET TY A T3F&G | 407.49 | - | - | 405.03 (W) | ■ |
| 112 | 38+95 | 32' LT. | PIPE TEE 15P 15R | - | 403.80 (S) | 403.80 (E) | 403.80 (N) | T |
| 113 | 38+95 | 23.3' LT. | INLET TY A T8G | 406.47 | - | - | 403.91 (W) | ■ |
| 114 | 39+13 | 32' LT. | PIPE TEE 15P 12R | - | 403.86 (E) | 403.74 (S) | 403.74 (N) | T |
| 115 | 39+13 | 14.5' RT. | INLET TY A T3F&G | 406.57 | - | - | 404.09 (W) | ■ |
| 116 | 39+36 | 32' LT. | MH TY A 4' DIA T1FCL | 407.16 | 403.68 (S) | 403.78 (E) | 403.58 (N) | ⊙ |
| 117 | 39+36 | 14.5' LT. | INLET TY A T3F&G | 406.50 | - | - | 403.92 (W) | ■ |
| 118 | 40+50 | 32' LT. | PIPE TEE 18P 15R | - | 403.25 (S) | 403.37 (E) | 403.25 (N) | T |
| 119 | 40+50 | 23.3' LT. | INLET TY A T8G | 405.99 | - | - | 403.48 (W) | ■ |
| 120 | 41+00 | 32' LT. | PIPE TEE 18P 15R | - | 403.10 (S) | 403.22 (E) | 403.10 (N) | T |
| 121 | 41+00 | 23.3' LT. | INLET TY A T8G | 405.83 | - | - | 403.33 (W) | ■ |
| 122 | 41+82 | 32' LT. | MH TY A 5' DIA T1FCL | 407.29 | 402.86 (S) | 402.96 (E) | 402.76 (N) | ⊙ |
| 123 | 41+82 | 23.3' LT. | INLET TY B T8G | 405.57 | 403.11 (E) | - | 403.01 (W) | ■ |
| 124 | 41+82 | 14.5' LT. | INLET TY B T3F&G | 405.71 | 403.27 (E) | - | 403.17 (W) | ■ |
| 125 | 41+82 | 14.5' RT. | INLET TY A T3F&G | 405.71 | - | - | 403.40 (W) | ■ |
| 126 | 42+80 | 32' LT. | PIPE TEE 21P 15R | - | 402.73 (E) | 402.48 (S) | 402.48 (N) | T |
| 127 | 42+80 | 23.3' LT. | INLET TY A T8G | 405.27 | - | - | 402.81 (W) | ■ |
| 128 | 44+25 | 32' LT. | MH TY A 5' DIA T1FCL | 405.86 | 402.05 (S) | 402.15 (E) | 401.95 (N) | ⊙ |
| 129 | 44+25 | 23.3' LT. | INLET TY B T8G | 404.78 | 402.30 (E) | - | 402.20 (W) | ■ |
| 130 | 44+25 | 14.5' LT. | INLET TY B T3F&G | 404.92 | 402.46 (E) | - | 402.36 (W) | ■ |
| 131 | 44+25 | 14.5' RT. | INLET TY A T3F&G | 404.92 | - | - | 402.59 (W) | ■ |
| 132 | 45+00 | 29' LT. | PIPE TEE 24P 15R | - | 401.74 (S) | 402.11 (E) | 401.74 (N) | T |
| 133 | 45+00 | 23.3' LT. | INLET TY A T8G | 404.54 | - | - | 402.18 (W) | ■ |
| 134 | 45+80 | 28' LT. | PIPE TEE 24P 15R | - | 401.50 (S) | 401.87 (E) | 401.50 (N) | T |
| 135 | 45+80 | 23.3' LT. | INLET TY B T8G | 404.28 | 402.00 (E) | - | 401.90 (W) | ■ |
| 136 | 45+80 | 14.5' LT. | INLET TY A T3F&G | 404.44 | - | - | 402.13 (W) | ■ |
| 137 | 45+80 | 14.5' RT. | INLET TY A T3F&G | 404.44 | - | - | 402.13 (E) | ■ |
| 138 | 46+00 | 27.5' LT. | MH TY A 5' DIA T1FCL | 405.26 | 401.44 (S) | - | 401.34 (N) | ⊙ |
| 139 | 46+00 | 31.8' RT. | END SECTION - 15" | - | - | - | 401.93 (E) | ■ |
| 140 | 46+13 | 275' LT. | FIELD CONNECTION | - | 401.20 | - | - | ■ |

| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
|-----------|------|---------------------------------------|
| NAME | DATE | |
| | | STORM SEWER |
| | | |
| | | |
| | | |
| | | |
| | | |

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

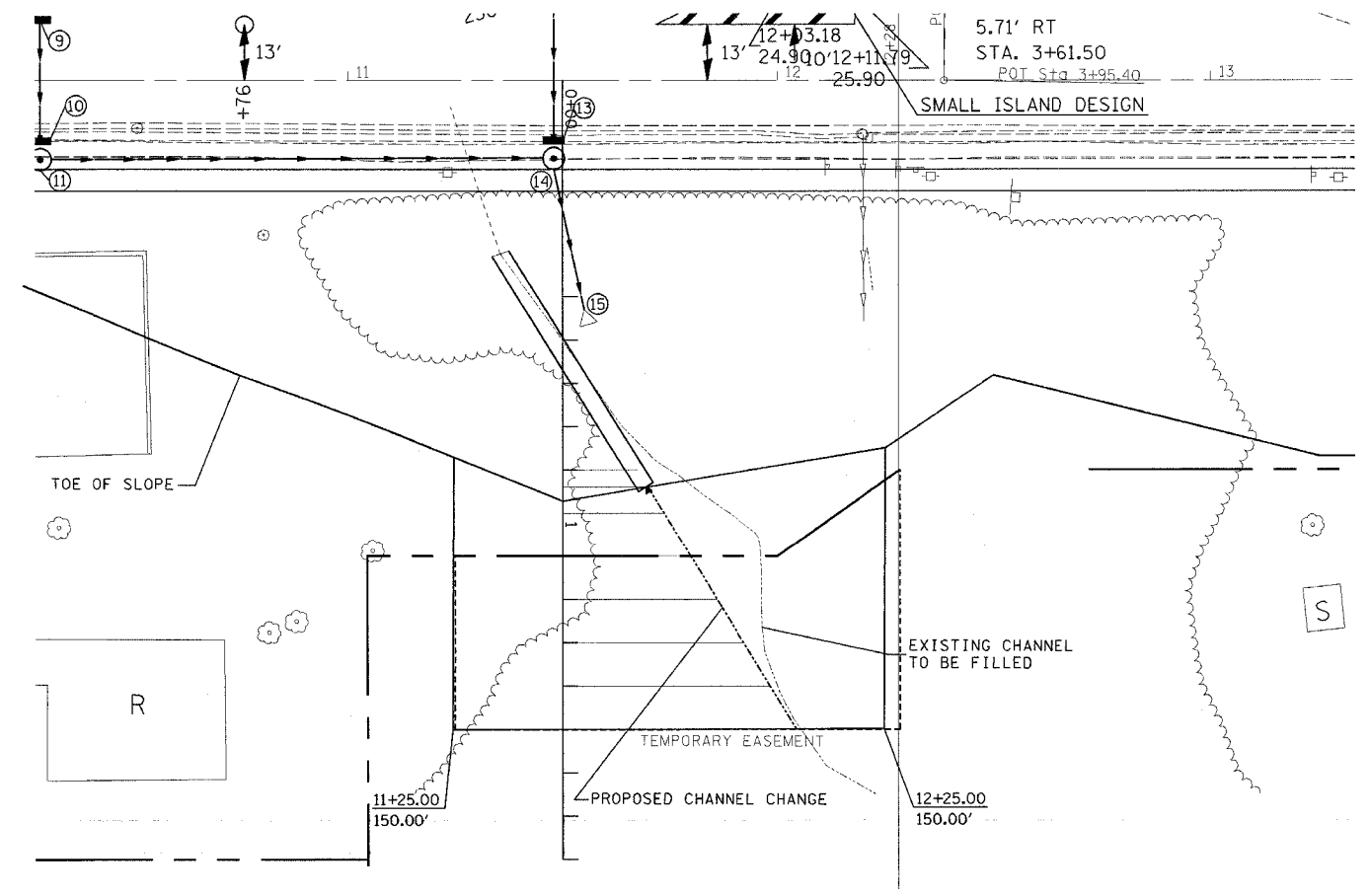
DRAWN BY _____
 CHECKED BY _____

1/31/2005
 c:\projects\94652\02101pa.dgn
 SUP REV: 05-04-98
 CHAN

c:\projects\94652\02101pa.dgn
 steffenmk\DATE

| FAP NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|------------|---------------|----------------------|-----------|
| 332 | (1012)W.RS | WHITE/EDWARDS | 198 | 39 |
| FED. ROAD DIST. NO. 1 | | ILLINOIS | FED. AID PROJECT NO. | |

CONTRACT NO. 94652



PROPOSED 3' x 3' BOX CULVERT EXTENSION
 SEE SHEET 56 FOR DETAILS

| BASELINE STATION | OFFSET |
|------------------|--------|
| 0+93.9 | 19.8 |
| 1+00.0 | 23.5 |
| 1+10.0 | 29.7 |
| 1+20.0 | 35.9 |
| 1+30.0 | 42.1 |
| 1+40.0 | 48.3 |
| 1+50.0 | 54.5 |

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
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| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION

**CHANNEL CHANGE
 DETAILS**

SCALE: VERT.
 HORIZ.
 DATE

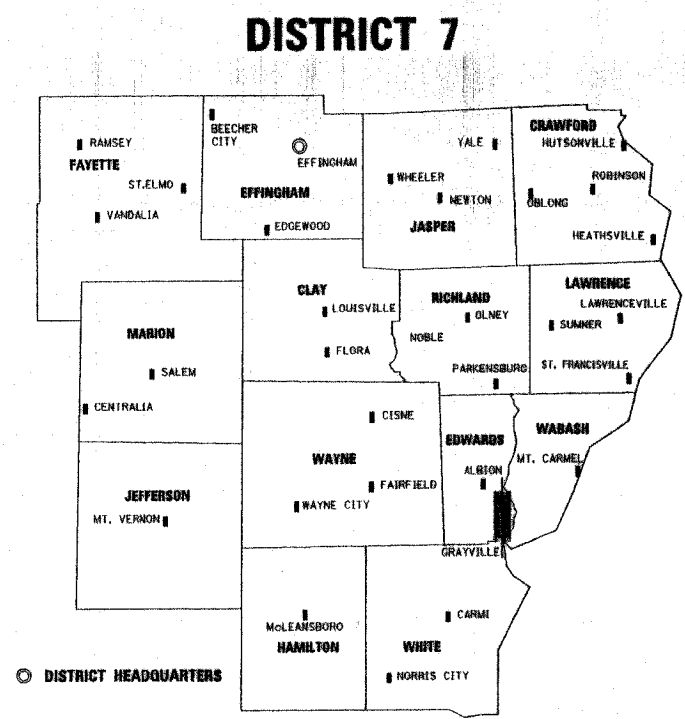
DRAWN BY
 CHECKED BY

| NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----|------------|---------------|--------------|-----------|
| 1 | (101Z)W,RS | WHITE/EDWARDS | 6 | 1 |

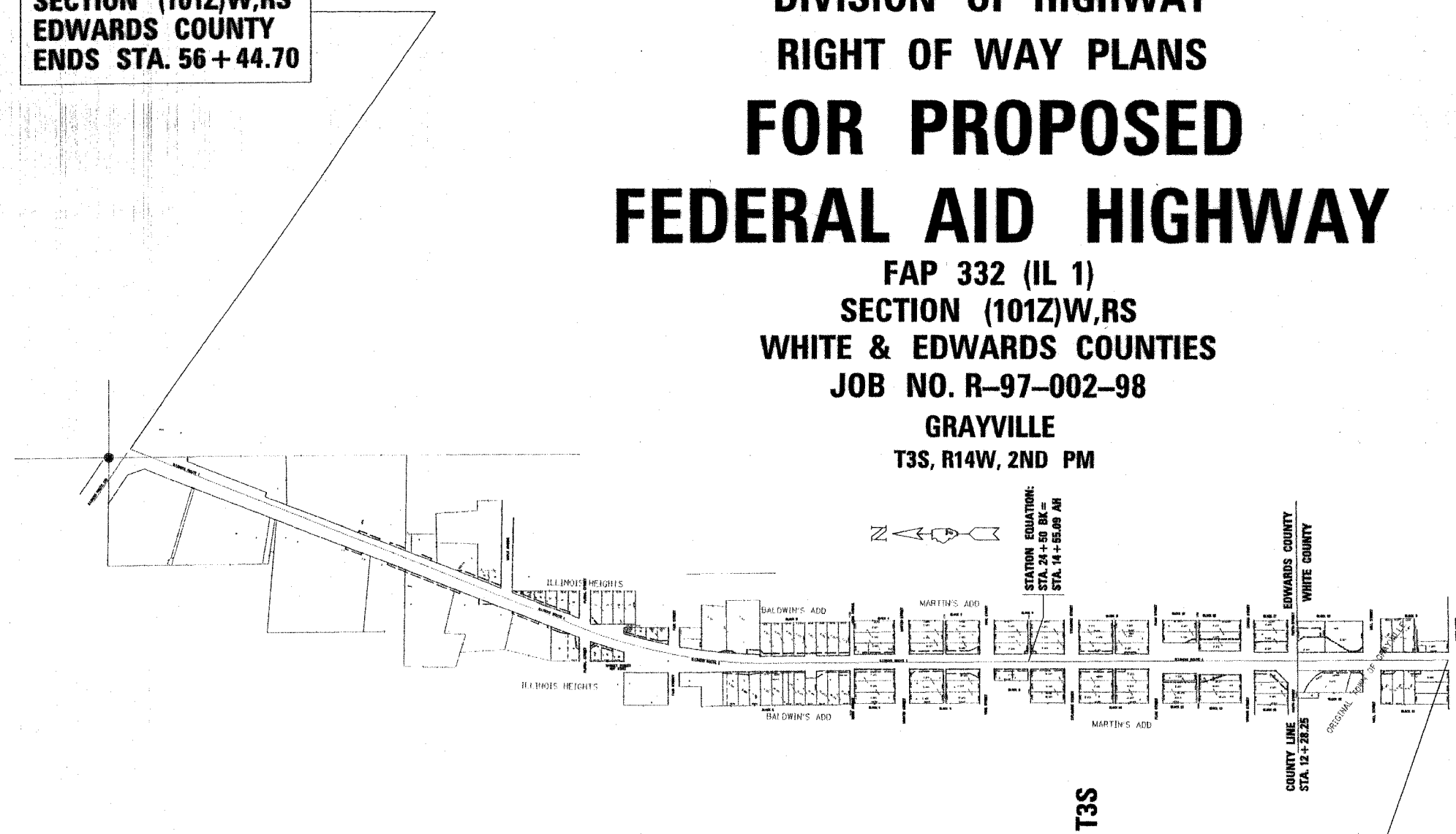
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAY
RIGHT OF WAY PLANS
FOR PROPOSED
FEDERAL AID HIGHWAY

FAP 332 (IL 1)
SECTION (101Z)W,RS
EDWARDS COUNTY
ENDS STA. 56 + 44.70

FAP 332 (IL 1)
SECTION (101Z)W,RS
WHITE & EDWARDS COUNTIES
JOB NO. R-97-002-98
GRAYVILLE
T3S, R14W, 2ND PM



LOCATION OF SECTION INDICATED THUS:



FAP 332 (IL 1)
SECTION (101Z)W,RS
WHITE COUNTY
BEGINS STA. 4 + 93.03 AH =
STA. 849 + 30.00 BK

LOCATION OF PROJECT

NET LENGTH OF PROJECT= 6146.58 LIN. FT. = 1.164 MILES

| STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS | |
|---|----|
| SUBMITTED | 20 |
| EXAMINED | 20 |
| PASSED | 20 |
| REVIEWED | 20 |
| APPROVED | 20 |

DGN-SPEC
*DATE: 11-18-2002

CONTRACT NO. 94652

WHITE/EDWARDS COUNTY SECTION: (101Z)W,RS ROUTE: 1

SURVEYOR'S CERTIFICATE

I, LOUIS R. CURL, ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3252, DOING BUSINESS AS CURL & ASSOCIATES, INC. DO HEREBY CERTIFY THAT AT THE REQUEST OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, I REVIEWED THE EXISTING RIGHT-OF-WAY AND BLOCK CORNERS AND MONUMENTS SET BY COOMBE-BLOXDORFE PROVIDED TO US BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND PREPARED RIGHT-OF-WAY PLANS AND INDIVIDUAL PLATS ALONG ILLINOIS ROUTE 1 FROM NORTH STREET IN GRAYVILLE, ILLINOIS AND EXTENDING NORTH TO JUST NORTH OF THE ILLINOIS ROUTE 130 INTERSECTION, LOCATED IN SECTIONS 11 AND 20, TOWNSHIP 3 SOUTH, RANGE 14 WEST OF THE SECOND PRINCIPAL MERIDIAN, IN WHITE AND EDWARDS COUNTIES, ILLINOIS.

I FURTHER CERTIFY THAT THESE RIGHT-OF-WAY PLANS AND INDIVIDUAL PLATS HAVE BEEN PREPARED IN ACCORDANCE WITH THE LAWS OF THE STATE OF ILLINOIS REGULATING CADASTRAL SURVEYS AND IN ACCORDANCE WITH THE RULES FOR THE SURVEY OF PUBLIC LANDS AND IN ACCORDANCE WITH THE RULES AND REGULATIONS REGULATING THE SUBDIVISION OF SECTIONS WITHIN THESE AREAS OF THE UNITED STATES CONTROLLED BY THE ILLINOIS RECTANGULAR SURVEY SYSTEM AND THE ILLINOIS STATUTES 1989 PLAT ACT.

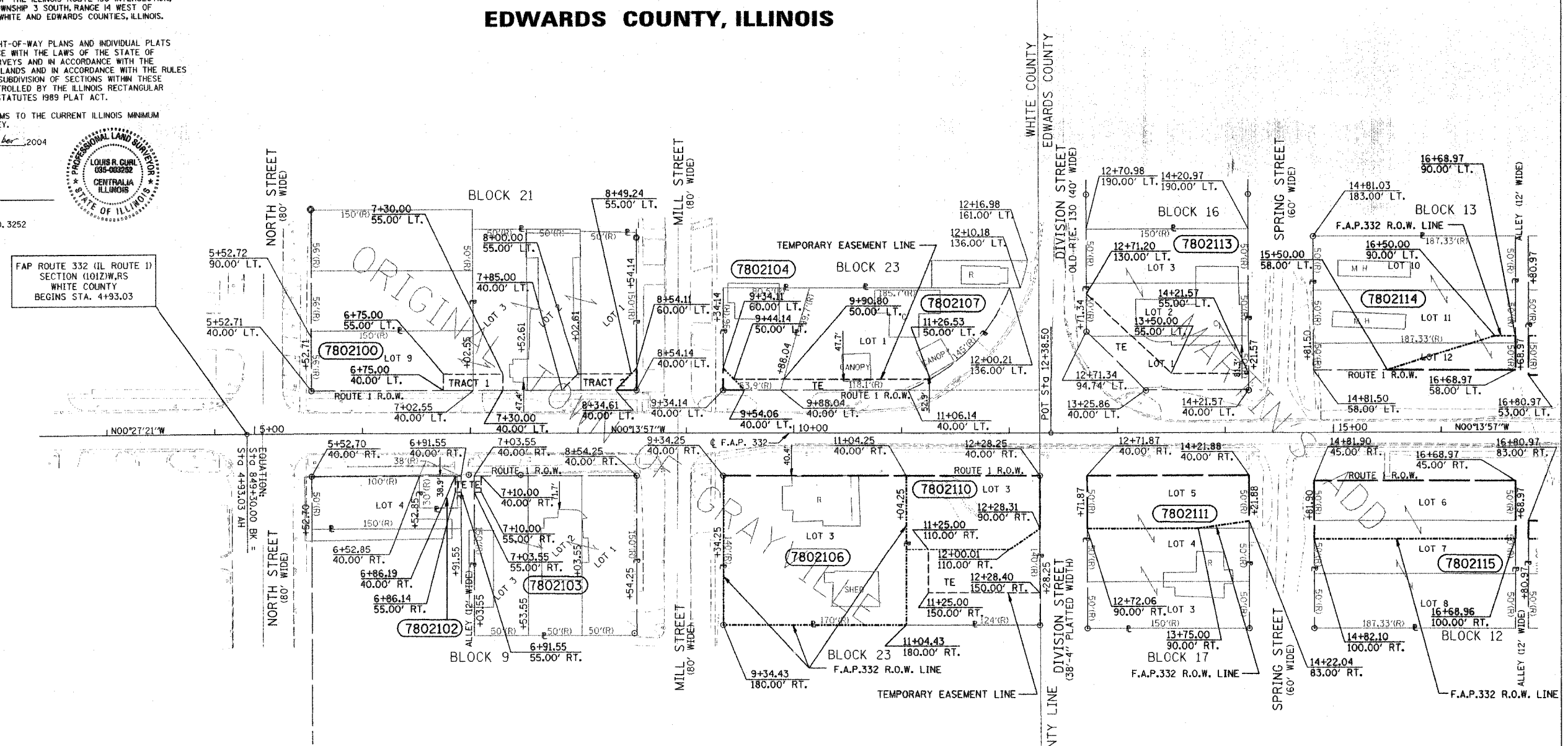
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DATED THIS 17TH DAY OF September, 2004

Louis R. Curl
 LOUIS R. CURL
 CURL & ASSOCIATES, INC.
 ILLINOIS PROFESSIONAL SURVEYOR NO. 3252
 226 EAST BROADWAY
 CENTRALIA, ILLINOIS 62804



T. 3 S. R. 14 W. 2ND P.M.,
 GRAY TOWNSHIP,
 WHITE COUNTY, ILLINOIS
 FRENCH CREEK TOWNSHIP
 EDWARDS COUNTY, ILLINOIS



LEGEND

- PROPOSED RIGHT OF WAY LINE
- - - PROPOSED EASEMENT
- EXISTING RIGHT OF WAY LINE
- CENTERLINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- SECTION LINE
- 129.32 MEASURED DIMENSION
- 129.32 (COMP) COMPUTED DIMENSION
- (R) RECORDED DIMENSION
- + CUT CROSS FOUND OR SET
- o IRON ROD FOUND
- o IRON PIPE FOUND
- o T180 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 3/8" INCH
- o T2182 IRON ROD TO TIE FOUND IRON STAKE IDENTIFIED BY
- o T3183 COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- o T1 DENOTES TIE POINT NO. 1, SET IRON ROD FLUSH WITH GROUND SURFACE.
- o (B) DENOTES TIE POINT NO. 1, SET IRON ROD 20" BELOW GROUND SURFACE
- o DIVISION OF HIGHWAYS RIGHT OF WAY SURVEY MARKER PROPOSED TO BE SET.
- o STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- o PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)

TEMPORARY EASEMENTS NEEDED AS WORK AREA

| PARCEL | OWNER | TOTAL AREA | AREA TAKEN | EASEMENT | REM. AREA | INST. | MICRO FILM NO. RECORDED | DATE | BOOK | PAGE | AREA | SOLD EXCESS |
|---------|---|------------|------------|----------|-----------|-------|-------------------------|------|------|------|------|-------------|
| 7802100 | FIRST CHRISTIAN CHURCH OF GRAYVILLE, ILLINOIS | 31030 | 195 | 1565 | 30835 | | | | | | | |
| 7802102 | CINDY A. ELLIOT | 1160 | 0 | 80 | 1160 | | | | | | | |
| 7802103 | SHERRY LYNN GARCIA | 22590 | 0 | 95 | 22590 | | | | | | | |
| 7802104 | BRADSHAW TRUST | 6440 | 200 | 405 | 6240 | | | | | | | |
| 7802106 | BETTE BISSEL | 23800 | 23800 | 0 | 0 | | | | | | | |
| 7802107 | RICK CONNER | 15835 | 0 | 1275 | 15835 | | | | | | | |
| 7208110 | RICK L. & TERESA J. CONNER | 17360 | 8395 | 4420 | 8965 | | | | | | | |
| 7802111 | WILLIAM A. & PAMELA A. HOUSE | 21450 | 7335 | 0 | 14115 | | | | | | | |
| 7802113 | DONALD G. & DONNA MARIE REED | 21015 | 0 | 3710 | 21015 | | | | | | | |
| 7802114 | THOMAS E. & RUBY B. BRADSHAW | 23460 | 2205 | 0 | 21255 | | | | | | | |
| 7802115 | WILLIAM A. AND PAMELA A. HOUSE | 25780 | 10285 | 0 | 15495 | | | | | | | |

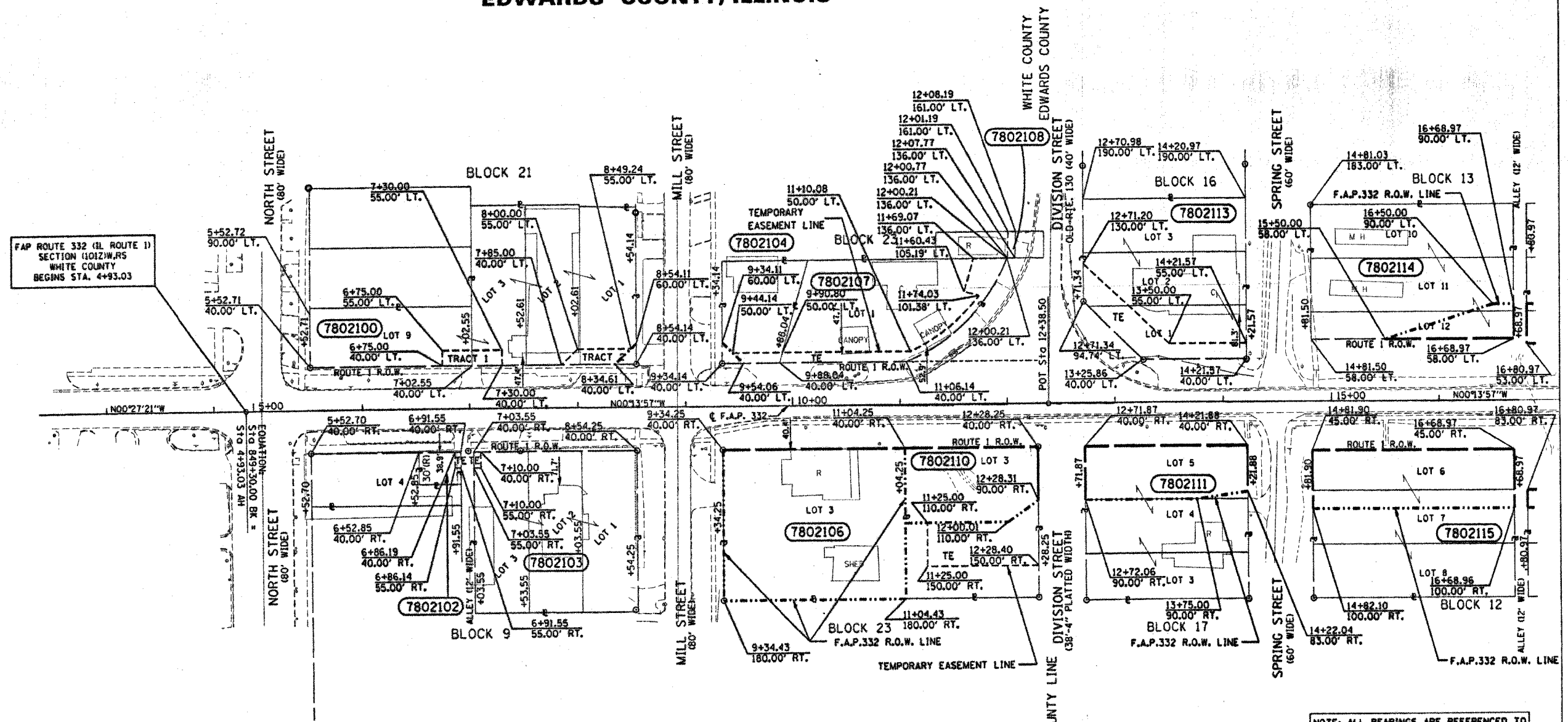
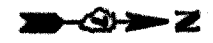
NOTE: ALL BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE DATUM OF 1983

- UTILITIES
- WATER - CITY OF GRAYVILLE
 - SEWER - CITY OF GRAYVILLE
 - GAS - CITY OF GRAYVILLE
 - ELECTRIC - AMEREN CIPS
 - TELEPHONE - GTE
 - CABLE TV - CABLEVISION

RIGHT OF WAY PLANS
 FEDERAL AID PRIMARY ROUTE 332
 PROJECT SECTION (101Z) W,RS
 STATION 5+00.00 TO 17+00.00
 COUNTY WHITE
 SCALE 1" = 50' SHEET 2 OF 6

DRAWN BY: DJM 12-09-2002

T. 3 S. R. 14 W. 2ND P.M.,
GRAY TOWNSHIP,
WHITE COUNTY, ILLINOIS
FRENCH CREEK TOWNSHIP
EDWARDS COUNTY, ILLINOIS



TEMPORARY EASEMENTS NEEDED AS WORK AREA

| PARCEL | OWNER | TOTAL AREA | AREA TAKEN | EASEMENT | REM. AREA | INST. | MICRO FILM NO. | DATE RECORDED | BOOK | PAGE | AREA | SOLD | EXCESS |
|---------|---|------------|------------|----------|-----------|-------|----------------|---------------|------|------|------|------|--------|
| 7802100 | FIRST CHRISTIAN CHURCH OF GRAYVILLE, ILLINOIS | 31030 | 195 | 1565 | 30835 | | | | | | | | |
| 7802102 | CINDY A. ELLIOT | 1160 | 0 | 80 | 1160 | | | | | | | | |
| 7802103 | SHERRY LYNN GARCIA | 22590 | 0 | 95 | 22590 | | | | | | | | |
| 7802104 | BRADSHAW TRUST | 6440 | 200 | 405 | 6240 | | | | | | | | |
| 7802106 | BETTE BISSEL | 23800 | 23800 | 0 | 0 | | | | | | | | |
| 7802107 | RICK CONNER | 15835 | 0 | 2770 | 15835 | | | | | | | | |
| 7802108 | RICK CONNER | 2500 | 0 | 175 | 2500 | | | | | | | | |
| 7208110 | RICK L. & TERESA J. CONNER | 17360 | 8395 | 4420 | 8965 | | | | | | | | |
| 7802111 | WILLIAM A. & PAMELA A. HOUSE | 21450 | 7335 | 0 | 14115 | | | | | | | | |
| 7802113 | DONALD G. & DONNA MARIE REED | 21015 | 0 | 3710 | 21015 | | | | | | | | |
| 7802114 | THOMAS E. & RUBY B. BRADSHAW | 23460 | 2205 | 0 | 21255 | | | | | | | | |
| 7802115 | WILLIAM C. GRAY | 25780 | 10285 | 0 | 15495 | | | | | | | | |

LEGEND

- PROPOSED RIGHT OF WAY LINE
- - - PROPOSED EASEMENT
- EXISTING RIGHT OF WAY LINE
- CENTERLINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- SECTION LINE
- 129.32 MEASURED DIMENSION
- 129.32 (COMP) COMPUTED DIMENSION
- 180 RECORDED DIMENSION
- CUT CROSS FOUND OR SET
- IRON ROD FOUND
- IRON PIPE FOUND
- 7802 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 3/8 INCH
- 72182 IRON ROD TO THE FOUND IRON STAKE IDENTIFIED BY
- 13833 COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- TI DENOTES THE POINT NO. 1, SET IRON ROD FLUSH WITH GROUND SURFACE.
- CIB DENOTES THE POINT NO. 1, SET IRON ROD 20" BELOW GROUND SURFACE
- DIVISION OF HIGHWAYS RIGHT OF WAY SURVEY MARKER PROPOSED TO BE SET.
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)

NOTE: ALL BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE DATUM OF 1983

UTILITIES

- WATER - CITY OF GRAYVILLE
- SEWER - CITY OF GRAYVILLE
- GAS - CITY OF GRAYVILLE
- ELECTRIC - AMEREN CIPS
- TELEPHONE - GTE
- CABLE TV - CABLEVISION

RIGHT OF WAY PLANS

FEDERAL AID PRIMARY ROUTE 332
PROJECT SECTION (1012) W,RS
STATION 5+00.00 TO 17+00.00
COUNTY WHITE
SCALE 1" = 50' SHEET 2A OF 6

NOTE: UNLESS OTHERWISE NOTED ALL AREAS SHOWN ARE SQUARE FEET

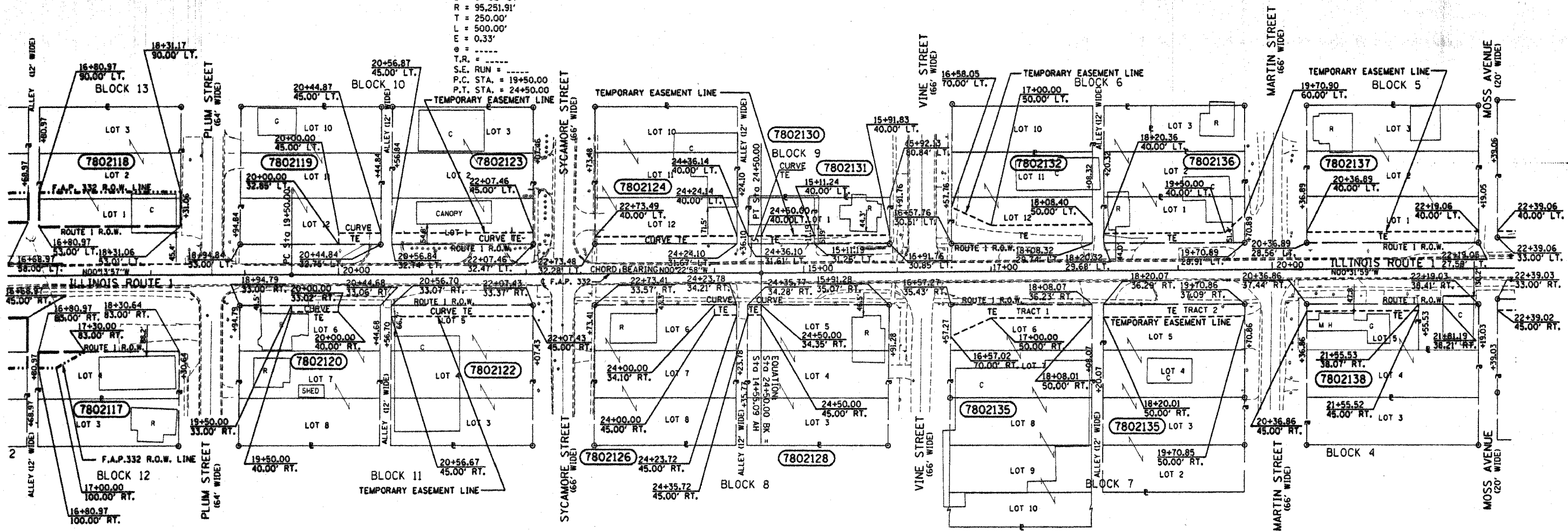
DRAWN BY: DJM 12-09-2002

**T. 3 S. R. 14 W. 2ND P.M.,
FRENCH CREEK TOWNSHIP,
EDWARDS COUNTY, ILLINOIS**

TOTAL SHEETS 148 SHEET No 42



PROP. CURVE CUR1
PI STA. = 22+00.00
Δ = 0° 18' 03" (L.T.)
D = 0° 03' 37"
R = 95,251.91'
T = 250.00'
L = 500.00'
E = 0.33'
T.R. = -----
S.E. RUN = -----
P.C. STA. = 19+50.00
P.T. STA. = 24+50.00



DRAWN BY: D.M. 12-10-2002

LEGEND

- PROPOSED RIGHT OF WAY LINE
- - - PROPOSED EASEMENT
- EXISTING RIGHT OF WAY LINE
- CENTERLINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- SECTION LINE
- 129.32 MEASURED DIMENSION
- 129.32 (COMP) COMPUTED DIMENSION
- (R) RECORDED DIMENSION
- + CUT CROSS FOUND OR SET
- IRON ROD FOUND
- IRON PIPE FOUND
- THBP THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 3/4 INCH
- 121822 IRON ROD TO THE FOUND IRON STAKE IDENTIFIED BY 131823 COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- TI DENOTES TIE POINT NO. 1, SET IRON ROD FLUSH WITH GROUND SURFACE.
- BI DENOTES TIE POINT NO. 1, SET IRON ROD 20" BELOW GROUND SURFACE
- DIVISION OF HIGHWAYS RIGHT OF WAY SURVEY MARKER PROPOSED TO BE SET.
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
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NOTE: ALL BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE DATUM OF 1983

UTILITIES

- WATER - CITY OF GRAYVILLE
- SEWER - CITY OF GRAYVILLE
- GAS - CITY OF GRAYVILLE
- ELECTRIC - AMEREN CIPS
- TELEPHONE - GTE
- CABLE TV - CABLEVISION

RIGHT OF WAY PLANS
FEDERAL AID PRIMARY ROUTE 332
PROJECT SECTION (1012) W,RS

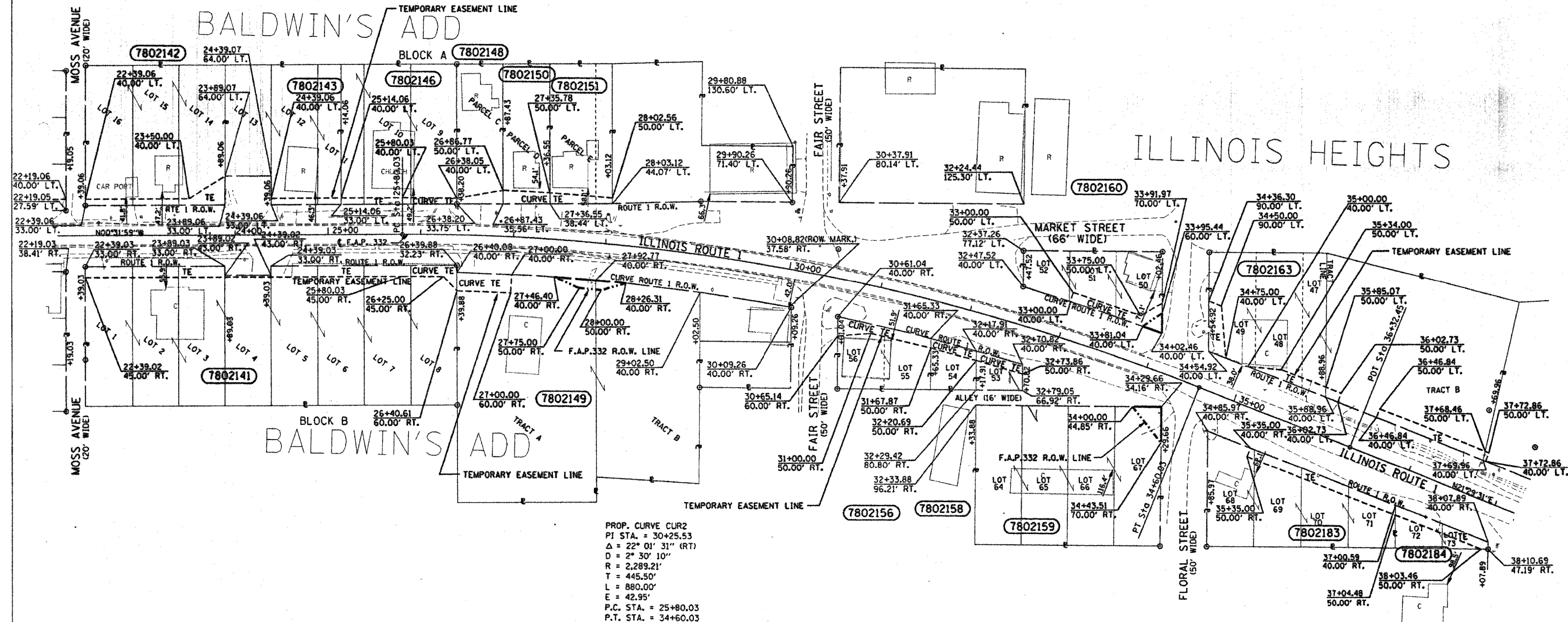
STATION 16+00.00 TO 22+00.00
COUNTY EDWARDS
SCALE 1" = 50' SHEET 3 OF 6

| PARCEL | OWNER | TOTAL AREA | AREA TAKEN | EASEMENT | REM. AREA | INST. | MICRO FILM NO. RECORDED | DATE | BOOK | PAGE | AREA EXCESS |
|---------|---------------------------------|------------|------------|----------|-----------|-------|-------------------------|------|------|------|-------------|
| 7802117 | QUENTIN D. & MILDRED E. GREEN | 7480 | 580 | 0 | 6900 | | | | | | |
| 7802118 | BILLY E. & JANET M. YORK | 19535 | 5555 | 0 | 13980 | | | | | | |
| 7802119 | ANDREW C. TATE | 22455 | 0 | 545 | 22455 | | | | | | |
| 7802120 | JO ANN GAITHER | 22505 | 0 | 350 | 22505 | | | | | | |
| 7802122 | JOHNSON TIRE SERVICE, INC. | 22655 | 0 | 1775 | 22655 | | | | | | |
| 7802123 | MARTIN & BAYLEY, INC. | 22520 | 0 | 1865 | 22520 | | | | | | |
| 7802124 | GRAYVILLE COMM. DEV. CORP. | 22610 | 0 | 1205 | 22610 | | | | | | |
| 7802126 | GEORGE S. & CARMON C. GILLARD | 22540 | 0 | 260 | 22540 | | | | | | |
| 7802128 | LEONARD A. MOORE | 22540 | 0 | 150 | 22540 | | | | | | |
| 7802130 | JAY & SHEILA WILLET | 3500 | 0 | 600 | 3500 | | | | | | |
| 7802131 | JAYCILE J. FISK | 4030 | 0 | 720 | 4030 | | | | | | |
| 7802132 | RICK L. & TERESA J. CONNER | 15040 | 0 | 3415 | 15040 | | | | | | |
| 7802135 | TREVOR & JACQUELINE M. BOROWIAK | 68035 | 0 | 4570 | 68035 | | | | | | |
| 7802136 | L. E. ANDERSON BROS. OIL CO. | 17540 | 0 | 1820 | 17540 | | | | | | |
| 7802137 | A. SMITH, R. SMITH & D. SIMPSON | 27325 | 0 | 2175 | 27325 | | | | | | |
| 7802138 | GERALD & WILHELMINA FAIRCHILD | 15040 | 0 | 860 | 15040 | | | | | | |

NOTE: UNLESS OTHERWISE NOTED ALL AREAS SHOWN ARE SQUARE FEET

**T. 3 S. R. 14 W. 2ND P.M.,
FRENCH CREEK TOWNSHIP,
EDWARDS COUNTY, ILLINOIS**

TOTAL SHEETS 198
NO. 43



PROP. CURVE CUR2
PI STA. = 30+25.53
Δ = 22° 01' 31" (RT)
D = 2° 30' 10"
R = 2,289.21'
T = 445.50'
L = 880.00'
E = 42.95'
P.C. STA. = 25+80.03
P.T. STA. = 34+60.03

LEGEND

- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- EXISTING RIGHT OF WAY LINE
- CENTERLINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- SECTION LINE
- 129.32 MEASURED DIMENSION
- (29.32 (COMP) COMPUTED DIMENSION
- (R) RECORDED DIMENSION
- ⊕ CUT CROSS FOUND OR SET
- ⊙ IRON ROD FOUND
- ⊙ IRON PIPE FOUND
- (T) THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH
- (T) COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- (T) DENOTES TIE POINT NO. 1 SET IRON ROD FLUSH WITH GROUND SURFACE.
- (T) DENOTES TIE POINT NO. 1 SET IRON ROD 20" BELOW GROUND SURFACE
- DIVISION OF HIGHWAYS RIGHT OF WAY SURVEY MARKER PROPOSED TO BE SET.
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)

| PARCEL | OWNER | TOTAL AREA | AREA TAKEN | EASEMENT | REM. AREA | INST. | MICRO FILM NO. RECORDED | DATE | BOOK | PAGE | AREA SOLD | EXCESS |
|---------|---|------------|------------|----------|-----------|-------|-------------------------|------|------|------|-----------|--------|
| 7802141 | WABASH VALLEY SERVICE CO. | 59500 | 0 | 4425 | 59500 | | | | | | | |
| 7802142 | LARRY & WILMA LINGAFELTER | 22500 | 0 | 1520 | 22500 | | | | | | | |
| 7802143 | DAVID P. & GRACE M. WUSMUNDT | 17200 | 0 | 525 | 17200 | | | | | | | |
| 7802146 | FULL GOSPEL CHURCH | 18750 | 0 | 860 | 18750 | | | | | | | |
| 7802148 | APOSTOLIC FAITH OF PENTECOST CHURCH TRUST | 7500 | 0 | 520 | 7500 | | | | | | | |
| 7802149 | B & M EQUIPMENT CO. | 59075 | 485 | 1130 | 58590 | | | | | | | |
| 7802150 | GLEN E. & LYNN J. WOODROW | 7500 | 0 | 655 | 7500 | | | | | | | |
| 7802151 | ETHEL A. SMITH & NEDRA I. WOLF | 10200 | 0 | 610 | 10200 | | | | | | | |
| 7802156 | CLARENCE & SHERRY GROSS | 6685 | 0 | 1210 | 6685 | | | | | | | |
| 7802158 | ALBERT J. & JEWEL N. WEIL | 2445 | 0 | 515 | 2445 | | | | | | | |
| 7802159 | TRI-COUNTY SELF STORAGE, INC. | 30000 | 595 | 520 | 30000 | | | | | | | |
| 7802160 | LARRY & LINDA SCHMITTLER | 9280 | 220 | 1055 | 9060 | | | | | | | |
| 7802163 | RONNIE RAY FUNKHOUSER | 47810 | 0 | 2940 | 47810 | | | | | | | |
| 7802183 | FRED L. REID AND MICKY REID | 17110 | 0 | 1675 | 17110 | | | | | | | |
| 7802184 | HENRY S. KIJONKA, ET. AL. | 2715 | 0 | 1060 | 2715 | | | | | | | |

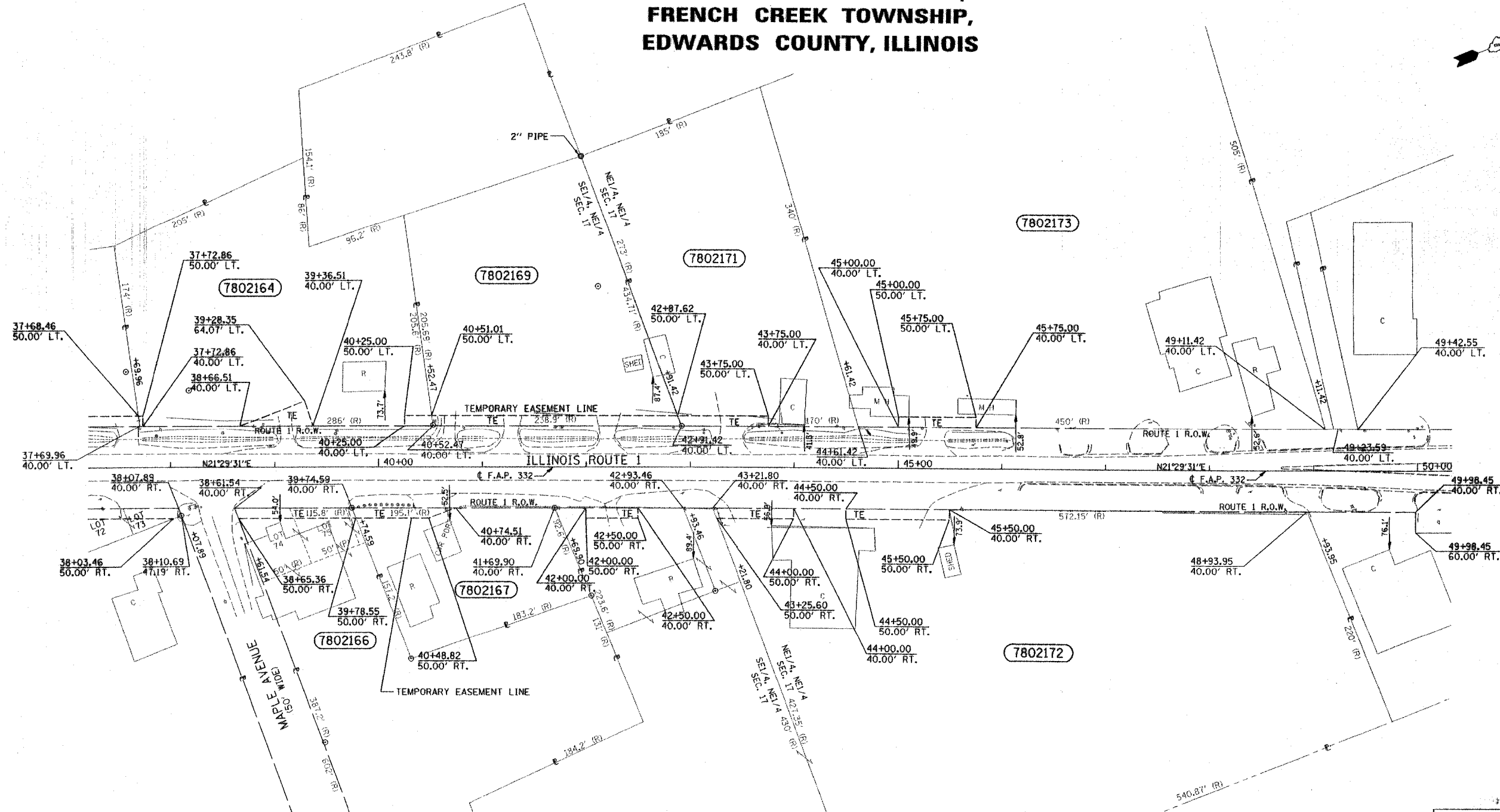
NOTE: ALL BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE DATUM OF 1983

- UTILITIES**
- WATER - CITY OF GRAYVILLE
 - SEWER - CITY OF GRAYVILLE
 - GAS - CITY OF GRAYVILLE
 - ELECTRIC - AMEREN CIPS
 - TELEPHONE - GTE
 - CABLE TV - CABLEVISION

RIGHT OF WAY PLANS
FEDERAL AID PRIMARY ROUTE 332
PROJECT SECTION (1012) W,RS
STATION 22+00.00 TO 38+00.00
COUNTY EDWARDS
SCALE 1" = 50' SHEET 4 OF 6

**T. 3 S. R. 14 W. 2ND P.M.,
FRENCH CREEK TOWNSHIP,
EDWARDS COUNTY, ILLINOIS**

TOTAL SHEETS: 198
SHEET No. 44



LEGEND

- PROPOSED RIGHT OF WAY LINE
- - - PROPOSED EASEMENT
- EXISTING RIGHT OF WAY LINE
- CENTERLINE
- PLATTED LOT LINES
- PROPERTY IDEED LINE
- APPARENT PROPERTY LINE
- SECTION LINE
- 129.32 MEASURED DIMENSION
- 129.32 (COMP) COMPUTED DIMENSION
- (R) RECORDED DIMENSION
- + CUT CROSS FOUND OR SET
- o IRON ROD FOUND
- o IRON PIPE FOUND
- (T) THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 3/8 INCH
- (T) IRON ROD TO THE FOUND IRON STAKE IDENTIFIED BY T3(B)3 COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- (TI) DENOTES TIE POINT NO. 1 SET IRON ROD FLUSH WITH GROUND SURFACE.
- (T) DENOTES TIE POINT NO. 1 SET IRON ROD 20" BELOW GROUND SURFACE
- (H) DIVISION OF HIGHWAYS RIGHT OF WAY SURVEY MARKER PROPOSED TO BE SET.
- (S) STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- (P) PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)

| PARCEL | OWNER | TOTAL AREA | AREA TAKEN | EASEMENT | REM. AREA | INST. | MICRO FILM NO. RECORDED | DATE | BOOK | PAGE | AREA SOLD EXCESS |
|---------|---------------------------------|------------|------------|----------|-----------|-------|-------------------------|------|------|------|------------------|
| 7802164 | GERTRUDE A. FUNKHOUSER | 57960 | 0 | 1145 | 57960 | | | | | | |
| 7802166 | PHILLIP D. BUERSTER | 66125 | 0 | 1130 | 66125 | | | | | | |
| 7802167 | ELIZABETH J. MCCOY TRUST | 22770 | 0 | 850 | 22770 | | | | | | |
| 7802169 | JIM SULLIVAN D/B/A SULLIVAN/TSK | 87745 | 0 | 2375 | 87745 | | | | | | |
| 7802171 | CITY OF GRAYVILLE, ILLINOIS | 53330 | 0 | 855 | 53330 | | | | | | |
| 7802172 | JOHN HUGHES, INC. | 304475 | 0 | 2265 | 304475 | | | | | | |
| 7802173 | LLOYD R. SCHOENHEIT | 182035 | 0 | 750 | 182035 | | | | | | |

NOTE: ALL BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE DATUM OF 1983

UTILITIES

- WATER - CITY OF GRAYVILLE
- SEWER - CITY OF GRAYVILLE
- GAS - CITY OF GRAYVILLE
- ELECTRIC - AMEREN CIPS
- TELEPHONE - GTE
- CABLE TV - CABLEVISION

RIGHT OF WAY PLANS
FEDERAL AID PRIMARY ROUTE 332
PROJECT SECTION (101Z) W,RS

STATION 38+00.00 TO 50+00.00
COUNTY EDWARDS
SCALE 1" = 50'
SHEET 5 OF 6

NOTE: UNLESS OTHERWISE NOTED ALL AREAS SHOWN ARE SQUARE FEET

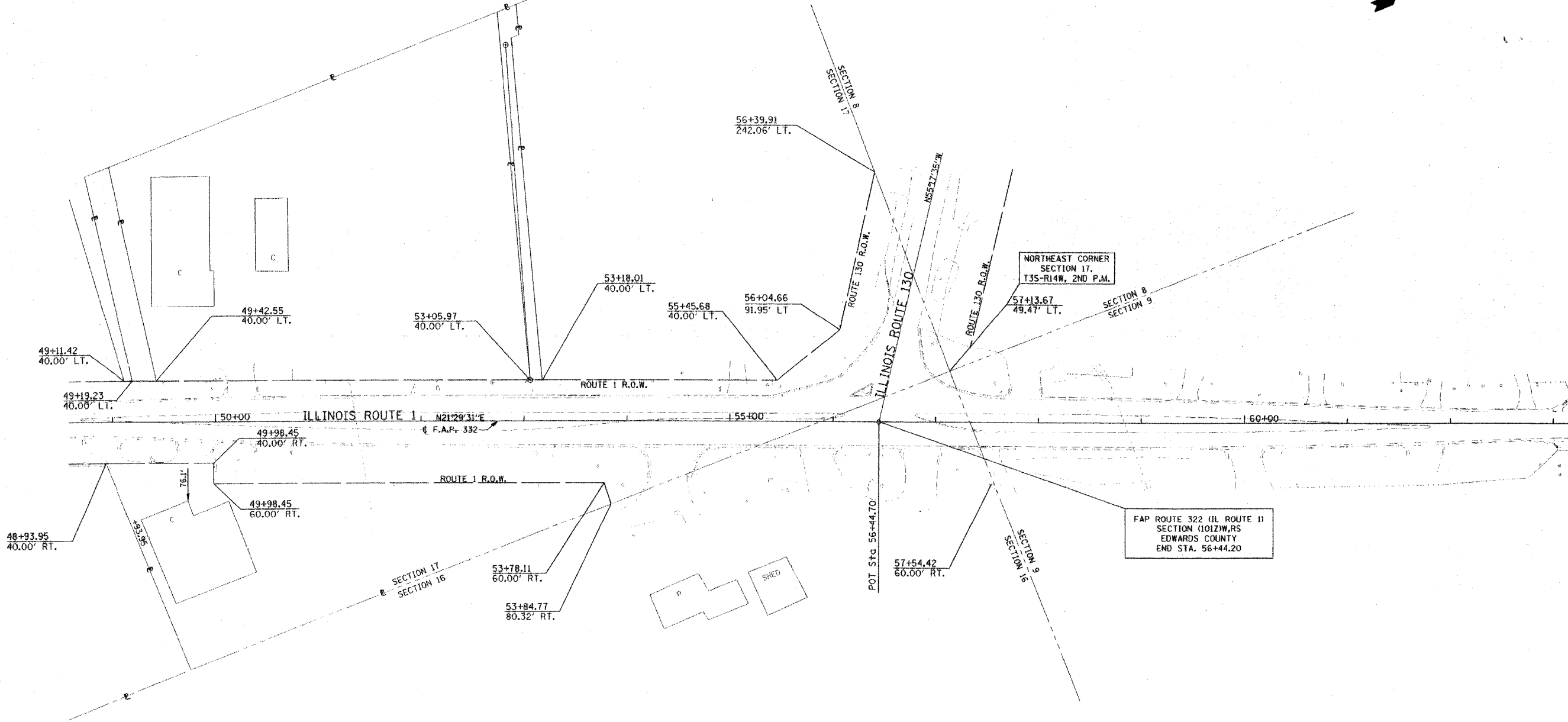
DRAWN BY: D.J.M. 12-03-2002

JOB NO. R-97-002-98 CONTRACT NO. 94652

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T. 3 S. R. 14 W. 2ND P.M., FRENCH CREEK TOWNSHIP, EDWARDS COUNTY, ILLINOIS

TOTAL SHEETS 198
SHEET No 45



DRAWN BY: D.J.M 11-18-2002

LEGEND

- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- EXISTING RIGHT OF WAY LINE
- - - CENTERLINE
- PLATTED LOT LINES
- - - PROPERTY (DEED) LINE
- - - APPL APPARENT PROPERTY LINE
- - - SECTION LINE
- 129.32 MEASURED DIMENSION
- 129.32 (COMP) COMPUTED DIMENSION
- (R) RECORDED DIMENSION
- + CUT CROSS FOUND OR SET
- o IRON ROD FOUND
- o IRON PIPE FOUND
- (T)(B) THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH (T)(B) IRON ROD TO THE FOUND IRON STAKE IDENTIFIED BY T3(B) COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- (T) DENOTES TIE POINT NO. 1, SET IRON ROD FLUSH WITH GROUND SURFACE.
- (B) DENOTES TIE POINT NO. 1, SET IRON ROD 20' BELOW GROUND SURFACE
- DIVISION OF HIGHWAYS RIGHT OF WAY SURVEY MARKER PROPOSED TO BE SET.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.
- o PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)

NOTE: ALL BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE DATUM OF 1983

| PARCEL | OWNER | TOTAL AREA | AREA TAKEN | EASEMENT | REM. AREA | INST. | MICRO FILM NO. | DATE RECORDED | BOOK | PAGE | AREA EXCESS | SOLD |
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UTILITIES

WATER - CITY OF GRAYVILLE
SEWER - CITY OF GRAYVILLE
GAS - CITY OF GRAYVILLE
ELECTRIC - AMEREN CIPS
TELEPHONE - GTE
CABLE TV - CABLEVISION

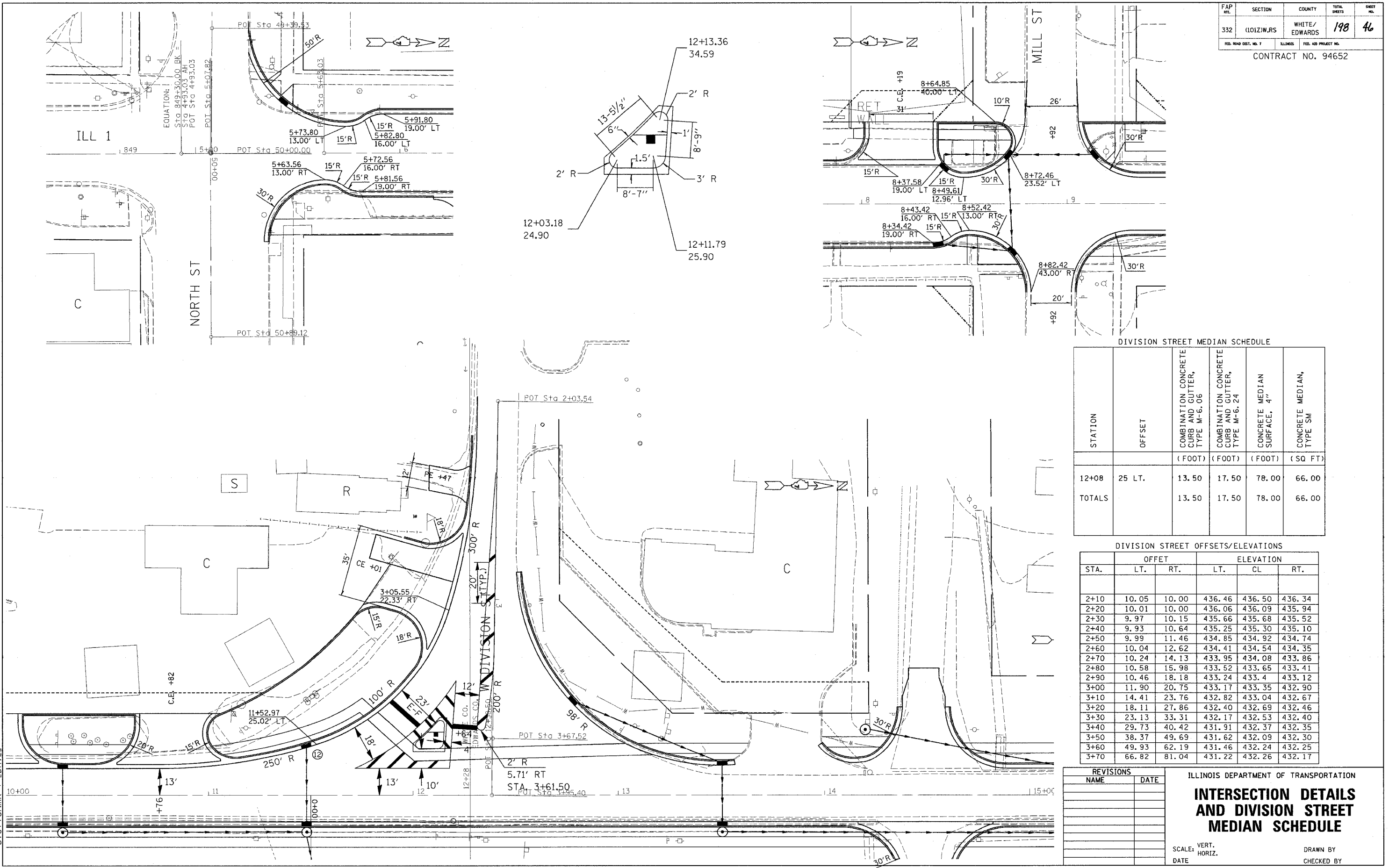
RIGHT OF WAY PLANS
FEDERAL AID PRIMARY ROUTE 322
PROJECT SECTION (101Z) W.R.S

STATION 49+00.00 TO
STATION 58+00.00
COUNTY EDWARDS
SCALE 1" = 50' SHEET 6 OF 6

NOTE: UNLESS OTHERWISE NOTED ALL AREAS SHOWN ARE SQUARE FEET

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| FAP R/L | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|-------------|-------------------|----------------------|--------------|
| 332 | (1012)W.R.S | WHITE/ EDWARDS | 198 | 46 |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | FED. AID PROJECT NO. | |
| CONTRACT NO. 94652 | | | | |



DIVISION STREET MEDIAN SCHEDULE

| STATION | OFFSET | COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06 | COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24 | CONCRETE MEDIAN SURFACE, 4' | CONCRETE MEDIAN, TYPE SW |
|---------|--------|---|---|--------------------------------|-----------------------------|
| | | (FOOT) | (FOOT) | (FOOT) | (SQ FT) |
| 12+08 | 25 LT. | 13.50 | 17.50 | 78.00 | 66.00 |
| TOTALS | | 13.50 | 17.50 | 78.00 | 66.00 |

DIVISION STREET OFFSETS/ELEVATIONS

| STA. | OFFSET | | ELEVATION | | |
|------|--------|-------|-----------|--------|--------|
| | LT. | RT. | LT. | CL | RT. |
| 2+10 | 10.05 | 10.00 | 436.46 | 436.50 | 436.34 |
| 2+20 | 10.01 | 10.00 | 436.06 | 436.09 | 435.94 |
| 2+30 | 9.97 | 10.15 | 435.66 | 435.68 | 435.52 |
| 2+40 | 9.93 | 10.64 | 435.25 | 435.30 | 435.10 |
| 2+50 | 9.99 | 11.46 | 434.85 | 434.92 | 434.74 |
| 2+60 | 10.04 | 12.62 | 434.41 | 434.54 | 434.35 |
| 2+70 | 10.24 | 14.13 | 433.95 | 434.08 | 433.86 |
| 2+80 | 10.58 | 15.98 | 433.52 | 433.65 | 433.41 |
| 2+90 | 10.46 | 18.18 | 433.24 | 433.4 | 433.12 |
| 3+00 | 11.90 | 20.75 | 433.17 | 433.35 | 432.90 |
| 3+10 | 14.41 | 23.76 | 432.82 | 433.04 | 432.67 |
| 3+20 | 18.11 | 27.86 | 432.40 | 432.69 | 432.46 |
| 3+30 | 23.13 | 33.31 | 432.17 | 432.53 | 432.40 |
| 3+40 | 29.73 | 40.42 | 431.91 | 432.37 | 432.35 |
| 3+50 | 38.37 | 49.69 | 431.62 | 432.09 | 432.30 |
| 3+60 | 49.93 | 62.19 | 431.46 | 432.24 | 432.25 |
| 3+70 | 66.82 | 81.04 | 431.22 | 432.26 | 432.17 |

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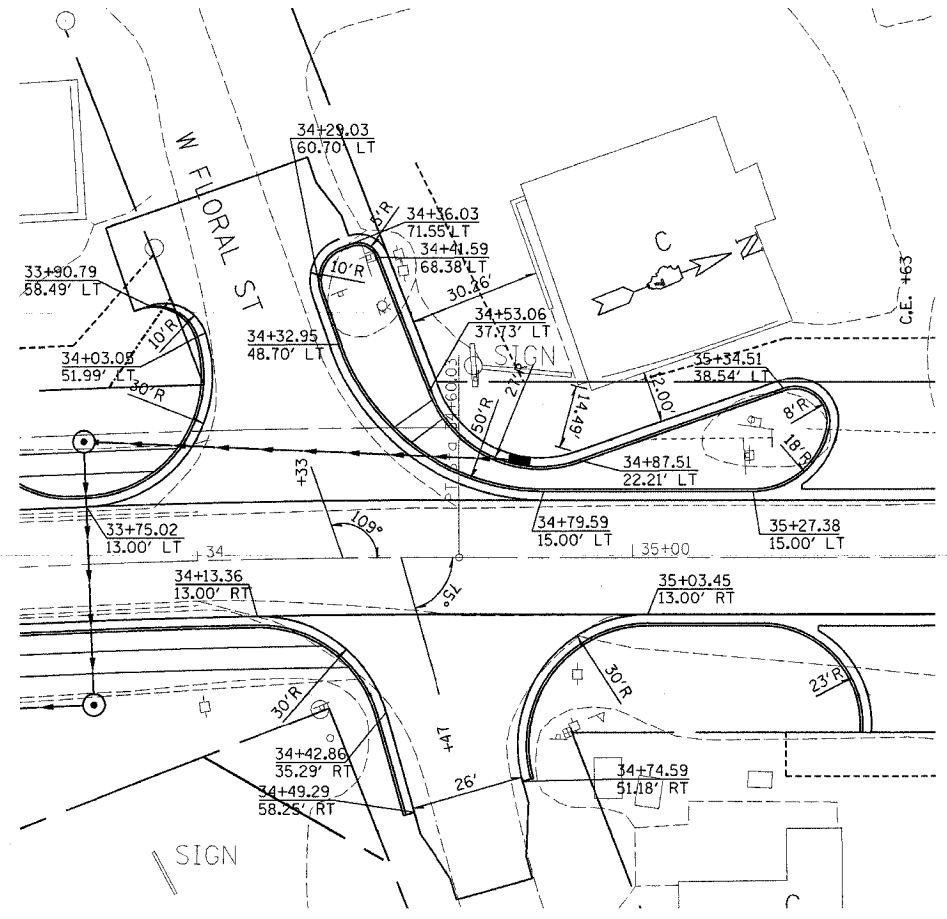
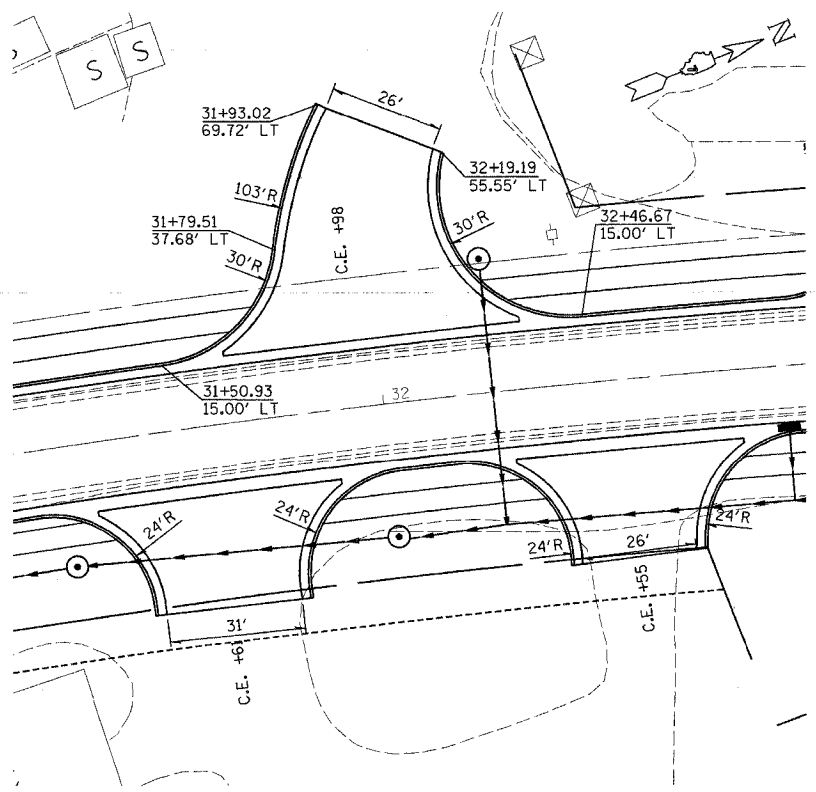
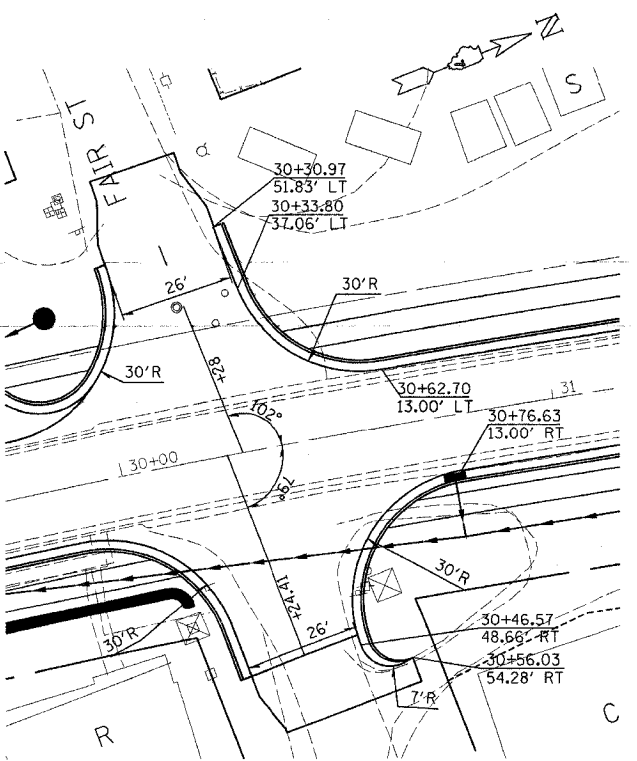
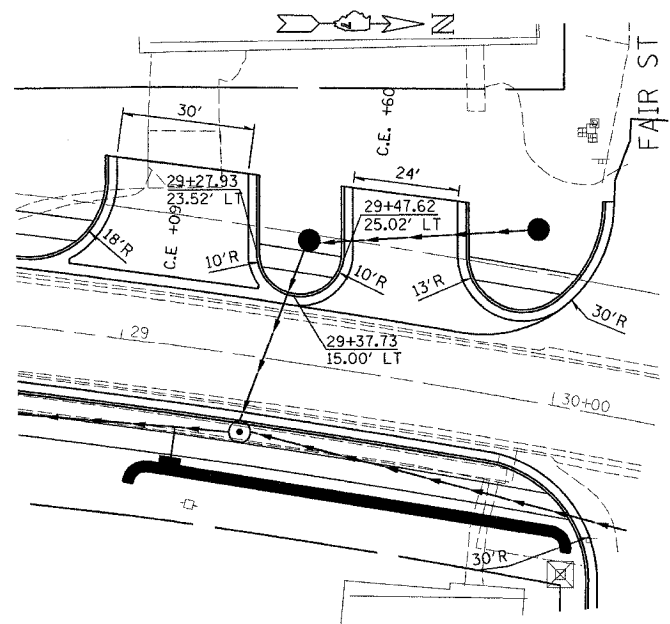
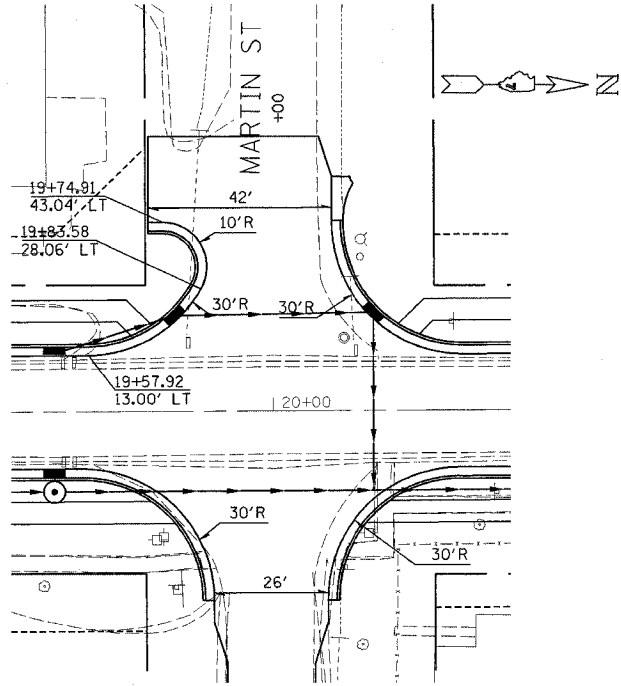
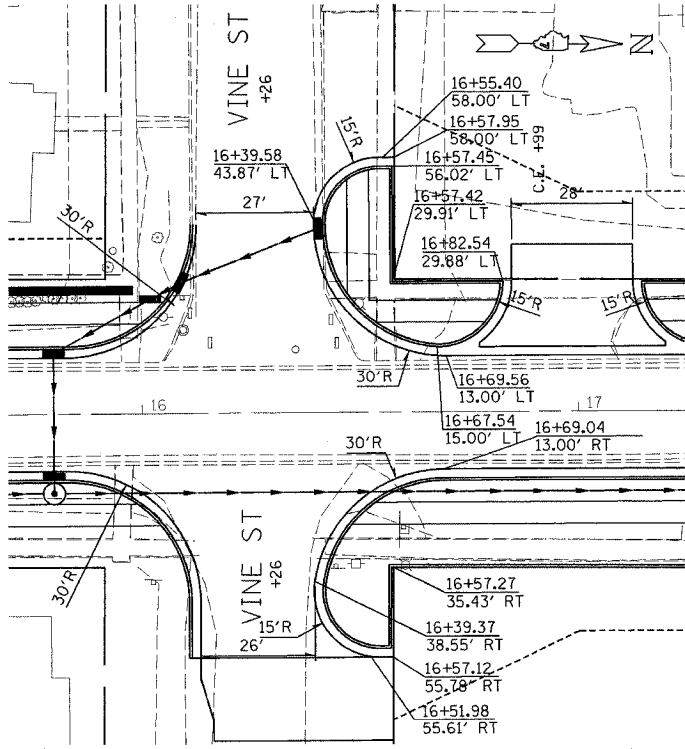
ILLINOIS DEPARTMENT OF TRANSPORTATION
**INTERSECTION DETAILS
 AND DIVISION STREET
 MEDIAN SCHEDULE**
 SCALE: VERT. _____
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| FAP NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------|------------|---------------|--------------|-----------|
| 332 | 110121W,RS | WHITE/EDWARDS | 198 | 47 |

CONTRACT NO. 94652



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INTERSECTION DETAILS

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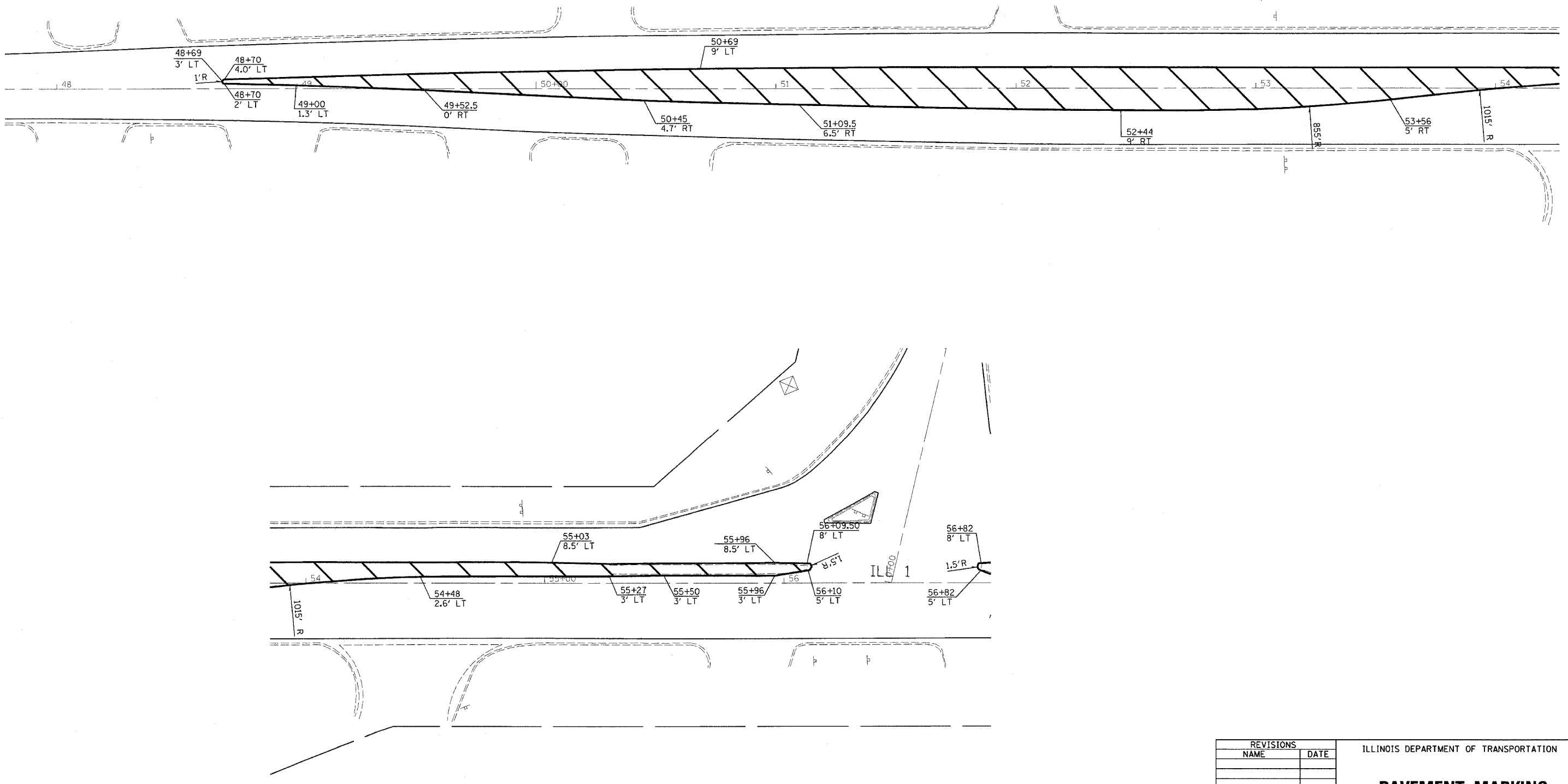
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| FAP No. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|------------|---------------|----------------------|-----------|
| 332 | (1012)W,RS | WHITE/EDWARDS | 198 | 48 |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | FED. AID PROJECT NO. | |

CONTRACT NO. 94652



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ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS

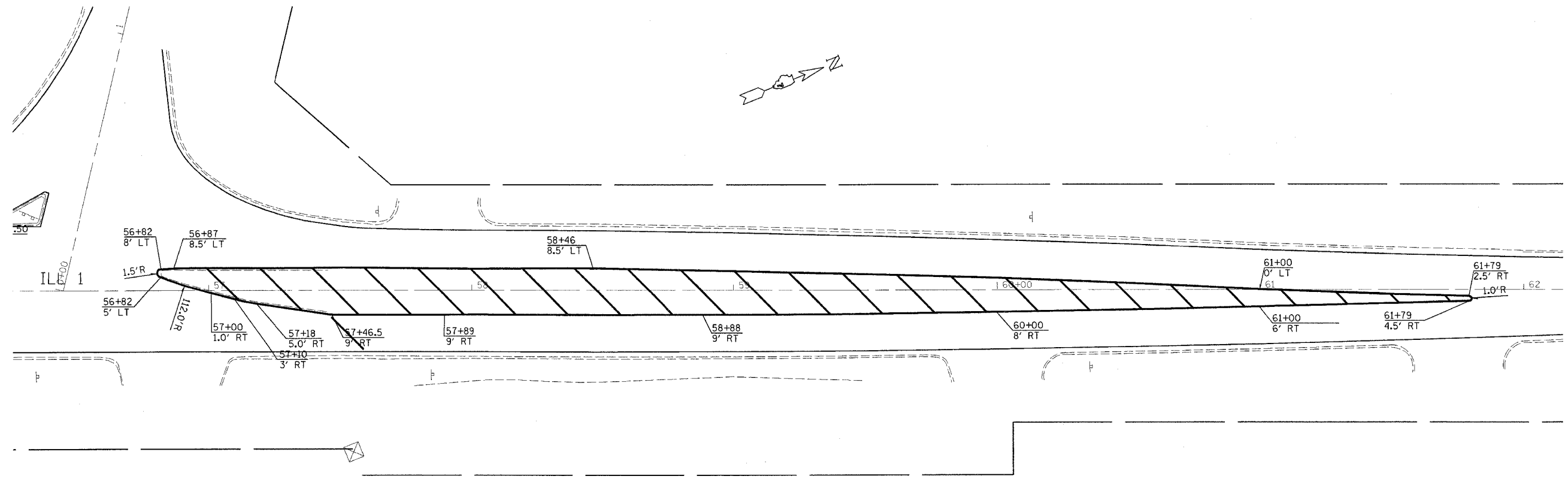
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| FAP NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | (1012)W,RS | WHITE/EDWARDS | 198 | 49 |
| FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT NO. | | |

CONTRACT NO. 94652



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ILLINOIS DEPARTMENT OF TRANSPORTATION

**PAVEMENT MARKING
 DETAILS**

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| FAP REL. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | (1012)W,RS | WHITE/EDWARDS | 198 | 50 |
| FED. ROAD DIST. NO. 1 | | ILLINOIS FED. AID PROJECT NO. | | |

CONTRACT NO. 94652

EROSION CONTROL GENERAL NOTES

DESCRIPTION OF STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION:

1. THE AREA BETWEEN THE EXISTING AND PROPOSED RIGHT-OF-WAY / TEMPORARY EASEMENT BOUNDARIES AND LIMITS OF THE PROJECT WILL BE IMPROVED AND MANAGED FOR THE PURPOSES OF CONTROLLING EROSION WITHIN THE AREA, REDUCING WATER FLOW BY TEMPORARY DIVERSION, MINIMIZE SILTATION INTO THE CONSTRUCTION ZONE, AND ESTABLISHING VEGETATIVE COVER WHICH WILL BECOME PERMANENT VEGETATION AND ACT AS AN EROSION BARRIER. WORK AT THE BEGINNING OF THE CONSTRUCTION WILL CONSIST OF THE FOLLOWING:

(A) AREAS OF EXISTING VEGETATION (WOODS AND GRASSLANDS) OUTSIDE THE PROPOSED CONSTRUCTION SLOPE LIMITS SHALL BE IDENTIFIED FOR PRESERVING AND SHALL BE PROTECTED FROM MOWING, BRUSH CUTTING, TREE REMOVAL AND OTHER ACTIVITIES WHICH WOULD BE DETRIMENTAL TO THEIR MAINTENANCE AND DEVELOPMENT.

(B) DEAD, DISEASED, OR UNSUITABLE VEGETATION WITHIN THE SITE SHALL BE REMOVED AS DIRECTED BY THE ENGINEER, ALONG WITH REQUIRED TREE REMOVAL.

(C) AS SOON AS REASONABLE ACCESS IS AVAILABLE (SUCH AS TREES CLEARED) TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, AGGREGATE DITCH CHECKS, AND/OR EROSION CONTROL FENCE SHALL BE INSTALLED AS CALLED OUT IN THIS PLAN AND DIRECTED BY THE ENGINEER.

(D) BARE AND SPARSELY VEGETATED GROUND IN HIGHLY ERODABLE AREAS AS DETERMINED BY THE ENGINEER SHALL BE TEMPORARILY SEEDED AT THE BEGINNING OF CONSTRUCTION WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN FOURTEEN DAYS.

(E) IMMEDIATELY AFTER TREE REMOVAL IS COMPLETED IN HIGHLY ERODABLE AREAS AS DETERMINED BY THE ENGINEER, THE AREAS SHALL BE TEMPORARILY SEEDED WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN FOURTEEN DAYS.

(F) AT LOCATIONS WHERE A SIGNIFICANT AMOUNT OF WATER DRAINS INTO THE CONSTRUCTION ZONE FROM OUTSIDE AREAS (ADJACENT LANDOWNERS), AGGREGATE DITCH CHECKS WILL BE UTILIZED TO LOCALLY DIVERT WATER, REDUCE FLOW RATES, AND COLLECT OUTSIDE SILTATION INSIDE THE RIGHT-OF-WAY LINE.

DESCRIPTION OF STABILIZATION PRACTICES DURING CONSTRUCTION:

1. DURING ROADWAY CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION SLOPE LIMITS AS OUTLINED PREVIOUSLY HEREIN SHALL BE PROTECTED FROM DAMAGING EFFECTS OF CONSTRUCTION. THE CONTRACTOR SHALL NOT USE THIS AREA FOR STAGING (EXCEPT AS DESIGNATED ON THE PLANS OR DIRECTED BY THE ENGINEER), PARKING OF VEHICLES OR CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS, OR OTHER CONSTRUCTION RELATED ACTIVITIES.

(A) WITHIN THE CONSTRUCTION ZONE, CRITICAL AREAS WHICH HAVE HIGH FLOWS OF WATER AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL-SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION.

(B) EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN CALENDAR DAYS.

(C) AS THE CONTRACTOR CONSTRUCTS A PORTION OF ROADWAY IN A FILL SECTION, HE/SHE SHALL FOLLOW THE FOLLOWING STEPS AS DIRECTED BY THE ENGINEER:

I. PLACE TEMPORARY EROSION CONTROL SYSTEMS AT LOCATIONS WHERE WATER LEAVES AND RETURNS FROM THE CONSTRUCTION ZONE.

II. TEMPORARILY SEED HIGHLY ERODABLE AREAS OUTSIDE THE CONSTRUCTION SLOPE LIMITS.

III. PROVIDE TEMPORARY EROSION CONTROL SYSTEMS AS DETERMINED BY THE ENGINEER.

IV. TEMPORARILY DIVERT WATER AROUND PROPOSED INLET AND MANHOLE LOCATIONS.

V. CONTINUE BUILDING UP THE EMBANKMENT TO THE PROPOSED GRADE WHILE AT THE SAME TIME PLACING PERMANENT EROSION CONTROL SUCH AS RIPRAP DITCH LINING AND CONDUCTING FINAL SHAPING TO THE SLOPES.

(D) EXCAVATED AREAS AND EMBANKMENTS SHALL BE PERMANENTLY SEEDED WHEN FINAL GRADED. THEY SHALL BE TEMPORARILY SEEDED IF NO CONSTRUCTION ACTIVITY IN THE AREA IS PLANNED FOR FOURTEEN DAYS.

(E) CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUN-OFF IN COMPLIANCE WITH EPA WATER QUALITY REGULATIONS. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.

(F) THE RESIDENT ENGINEER SHALL INSPECT THE PROJECT DAILY DURING CONSTRUCTION ACTIVITIES. INSPECTION SHALL ALSO BE DONE WEEKLY AND AFTER LARGE RAINS DURING THE WINTER SHUTDOWN PERIOD. THE PROJECT SHALL ADDITIONALLY BE INSPECTED BY THE CONSTRUCTION FIELD ENGINEER ON A BI-WEEKLY BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE, EFFECTIVE AND TO DETERMINE IF OTHER EROSION CONTROL MEASURES ARE NECESSARY.

(G) SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS (OR WHEN 50 PERCENT FULL) AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE TEMPORARY EROSION CONTROL SYSTEM. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

(H) THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER USE IS NO LONGER NEEDED OR NO LONGER FUNCTIONING. THE COST OF THIS REMOVAL SHALL BE INCLUDED IN UNIT BID PRICE FOR THE TEMPORARY EROSION CONTROL SYSTEM. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

DESCRIPTION OF STRUCTURAL PRACTICES AFTER FINAL GRADING:

1. TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE, WORKING PROPERLY, AND ALL PROPOSED TURF AREAS SEEDED AND ESTABLISHED WITH A PROPER STAND.

2. ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONING AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP, AND DISTURBED TURF RE-SEEDED.

3. DISTRICT SEVEN ROADSIDE MAINTENANCE MANAGER SHALL BE CONTACTED AT (217) 342-8270 PRIOR TO PLANTING TREES FOR ASSISTANCE ON THEIR FINAL LOCATION. THE COMMITMENT FILE SHALL ALSO BE CHECKED FOR LAND ACQUISITION AGREEMENTS ON TREE TYPES AND LOCATIONS.

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ILLINOIS DEPARTMENT OF TRANSPORTATION

**EROSION CONTROL
GENERAL NOTES**

SCALE: VERT.
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| FAP FILE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|----------|---------------|----------------------|-----------|
| 332 | 1012W,RS | WHITE/EDWARDS | 198 | 5 |
| FED. ROAD DIST. NO. 1 | | ILLINOIS | FED. AID PROJECT NO. | |

CONTRACT NO. 94652

| INLET AND PIPE PROTECTION | | | | |
|---------------------------|------|---------|---------|----------|
| PT | SIDE | STATION | OFFSET | QUANTITY |
| 2 | LT. | 5+42 | 25.0 FT | 1 |
| 3 | LT. | 8+40 | 18.0 FT | 1 |
| 5 | LT. | 8+71 | 24.0 FT | 1 |
| 6 | RT. | 8+37 | 18.0 FT | 1 |
| 7 | RT. | 8+74 | 23.0 FT | 1 |
| 8 | LT. | 9+13 | 24.0 FT | 1 |
| 9 | LT. | 10+29 | 14.5 FT | 1 |
| 10 | RT. | 10+29 | 14.5 FT | 1 |
| 11 | RT. | 10+29 | 20.0 FT | 1 |
| 12 | LT. | 11+48 | 45.0 FT | 1 |
| 13 | RT. | 11+48 | 14.5 FT | 1 |
| 14 | RT. | 11+48 | 20.0 FT | 1 |
| 16 | LT. | 12+77 | 45.0 FT | 1 |
| 17 | LT. | 13+50 | 14.5 FT | 1 |
| 18 | RT. | 13+50 | 14.5 FT | 1 |
| 19 | RT. | 13+50 | 20.0 FT | 1 |
| 20 | LT. | 14+20 | 32.0 FT | 1 |
| 21 | LT. | 15+15 | 14.5 FT | 1 |
| 22 | RT. | 15+15 | 14.5 FT | 1 |
| 23 | RT. | 15+15 | 20.0 FT | 1 |
| 24 | LT. | 16+67 | 14.5 FT | 1 |
| 25 | LT. | 16+72.5 | 14.5 FT | 1 |
| 26 | LT. | 17+18 | 14.5 FT | 1 |
| 27 | RT. | 16+67 | 14.5 FT | 1 |
| 28 | RT. | 16+72.5 | 14.5 FT | 1 |
| 29 | RT. | 16+72.5 | 20.5 FT | 1 |
| 31 | RT. | 17+18 | 14.5 FT | 1 |
| 33 | RT. | 18+77 | 20.0 FT | 1 |
| 34 | RT. | 19+45 | 14.5 FT | 1 |
| 35 | LT. | 19+45 | 14.5 FT | 1 |
| 37 | LT. | 22+22.5 | 15.0 FT | 1 |
| 38 | LT. | 22+76 | 14.5 FT | 1 |
| 39 | LT. | 22+00 | 14.5 FT | 1 |
| 40 | RT. | 22+00 | 14.5 FT | 1 |
| 42 | RT. | 24+06 | 20.0 FT | 1 |
| 43 | RT. | 24+06 | 14.5 FT | 1 |
| 44 | LT. | 24+06 | 14.5 FT | 1 |
| 45 | LT. | 14+62 | 26.3 FT | 1 |
| 46 | RT. | 15+80 | 20.0 FT | 1 |
| 47 | RT. | 15+80 | 14.5 FT | 1 |
| 48 | LT. | 15+80 | 14.5 FT | 1 |
| 49 | LT. | 16+02 | 26.3 FT | 1 |
| 50 | LT. | 16+09 | 30.0 FT | 1 |
| 51 | LT. | 16+41 | 42.0 FT | 1 |
| 53 | LT. | 17+30 | 14.5 FT | 1 |
| 54 | RT. | 17+75 | 20.0 FT | 1 |
| 55 | RT. | 17+75 | 14.5 FT | 1 |
| 57 | LT. | 17+97 | 14.5 FT | 1 |
| 59 | LT. | 19+05 | 14.5 FT | 1 |
| 60 | RT. | 19+50 | 20.0 FT | 1 |
| 61 | RT. | 19+50 | 14.5 FT | 1 |
| 62 | LT. | 19+77 | 22.5 FT | 1 |
| 63 | LT. | 20+23 | 22.5 FT | 1 |
| 65 | RT. | 21+43 | 20.0 FT | 1 |
| 66 | RT. | 21+43 | 14.5 FT | 1 |
| 67 | LT. | 21+43 | 14.5 FT | 1 |
| 69 | RT. | 22+71 | 14.5 FT | 1 |
| 70 | LT. | 22+40 | 14.5 FT | 1 |
| 71 | RT. | 23+05 | 20.0 FT | 1 |
| 72 | LT. | 23+05 | 14.5 FT | 1 |
| 73 | RT. | 25+50 | 20.0 FT | 1 |
| 74 | RT. | 25+50 | 14.5 FT | 1 |
| 75 | LT. | 25+50 | 14.5 FT | 1 |
| 76 | LT. | 26+10 | 26.3 FT | 1 |
| 78 | RT. | 27+00 | 14.5 FT | 1 |

| INLET AND PIPE PROTECTION | | | | |
|---------------------------|------|---------|---------|----------|
| PT | SIDE | STATION | OFFSET | QUANTITY |
| 80 | LT. | 27+21 | 26.3 FT | 1 |
| 82 | RT. | 27+79 | 14.5 FT | 1 |
| 84 | RT. | 27+96 | 14.5 FT | 1 |
| 85 | LT. | 28+04 | 14.5 FT | 1 |
| 86 | RT. | 28+06 | 14.5 FT | 1 |
| 87 | RT. | 28+25 | 14.5 FT | 1 |
| 92 | RT. | 29+15 | 26.3 FT | 1 |
| 93 | RT. | 29+30 | 17.5 FT | 1 |
| 94 | LT. | 29+30 | 28.5 FT | 1 |
| 95 | LT. | 29+80 | 28.5 FT | 1 |
| 97 | RT. | 30+75 | 14.5 FT | 1 |
| 98 | RT. | 31+25 | 27.8 FT | 1 |
| 99 | RT. | 32+00 | 30.5 FT | 1 |
| 101 | LT. | 32+25 | 30.5 FT | 1 |
| 103 | RT. | 32+92 | 14.5 FT | 1 |
| 104 | RT. | 33+75 | 32.0 FT | 1 |
| 105 | LT. | 33+75 | 28.0 FT | 1 |
| 106 | LT. | 34+74 | 23.0 FT | 1 |
| 107 | LT. | 36+25 | 23.3 FT | 1 |
| 108 | LT. | 36+86 | 32.0 FT | 1 |
| 109 | LT. | 36+86 | 23.3 FT | 1 |
| 110 | LT. | 36+86 | 14.5 FT | 1 |
| 111 | RT. | 36+86 | 14.5 FT | 1 |
| 113 | LT. | 38+95 | 23.3 FT | 1 |
| 115 | RT. | 39+13 | 14.5 FT | 1 |
| 116 | LT. | 39+36 | 32.0 FT | 1 |
| 117 | LT. | 39+36 | 14.5 FT | 1 |
| 119 | LT. | 40+50 | 23.3 FT | 1 |
| 121 | LT. | 41+00 | 23.3 FT | 1 |
| 122 | LT. | 41+82 | 32.0 FT | 1 |
| 123 | LT. | 41+82 | 23.3 FT | 1 |
| 124 | LT. | 41+82 | 14.5 FT | 1 |
| 125 | RT. | 41+82 | 14.5 FT | 1 |
| 127 | LT. | 42+80 | 23.3 FT | 1 |
| 128 | LT. | 44+25 | 32.0 FT | 1 |
| 129 | LT. | 44+25 | 23.3 FT | 1 |
| 130 | LT. | 44+25 | 14.5 FT | 1 |
| 131 | RT. | 44+25 | 14.5 FT | 1 |
| 133 | LT. | 45+00 | 23.3 FT | 1 |
| 135 | LT. | 45+80 | 23.3 FT | 1 |
| 136 | LT. | 45+80 | 14.5 FT | 1 |
| 137 | RT. | 45+80 | 14.5 FT | 1 |
| 138 | LT. | 46+00 | 27.5 FT | 1 |
| | | | | 108 EACH |

| TEMPORARY DITCH CHECKS | | | |
|------------------------|---------|-------|----------|
| LT | STATION | | QUANTITY |
| LT | STATION | 19+85 | 1 EACH |
| LT | STATION | 20+18 | 1 EACH |
| LT | STATION | 36+50 | 1 EACH |
| LT | STATION | 37+25 | 1 EACH |
| LT | STATION | 38+00 | 1 EACH |
| LT | STATION | 38+75 | 1 EACH |
| LT | STATION | 39+50 | 1 EACH |
| LT | STATION | 40+25 | 1 EACH |
| LT | STATION | 41+00 | 1 EACH |
| LT | STATION | 41+75 | 1 EACH |
| LT | STATION | 42+50 | 1 EACH |
| LT | STATION | 43+25 | 1 EACH |
| LT | STATION | 44+00 | 1 EACH |
| LT | STATION | 44+50 | 1 EACH |
| LT | STATION | 44+75 | 1 EACH |
| LT | STATION | 45+50 | 1 EACH |
| TOTAL | | | 16 EACH |

| SEED FERTILIZER SCHEDULE | | | | | | | | | |
|--------------------------|----|-------|-----------------|------------------------------|--------------------------------|-------------------------------|-------------------------------|-----------------------------------|-----------------|
| | | | SEEDING CLASS 1 | NITROGEN FERTILIZER NUTRIENT | PHOSPHORUS FERTILIZER NUTRIENT | POTASSIUM FERTILIZER NUTRIENT | AGRICULTURAL GROUND LIMESTONE | TEMPORARY EROSION CONTROL SEEDING | MULCH, METHOD 1 |
| STATION TO STATION | | | ACRE | POUND | POUND | POUND | TON | POUND | ACRE |
| WHITE COUNTY | | | | | | | | | |
| 5+35 | TO | 8+80 | 0.14 | 13 | 13 | 13 | 0.3 | 14 | 0.14 |
| 8+80 | TO | 10+60 | 0.27 | 23 | 23 | 23 | 0.6 | 28 | 0.23 |
| 10+60 | TO | 12+28 | 0.09 | 4 | 4 | 4 | 0.1 | 3 | 0.08 |
| WHITE COUNTY TOTAL | | | 0.5 | 40 | 40 | 40 | 1 | 45 | 0.45 |
| EDWARDS COUNTY | | | | | | | | | |
| 12+28 | TO | 16+78 | 0.36 | 32 | 32 | 32 | 0.7 | 36 | 0.36 |
| 16+78 | TO | 22+25 | 0.24 | 23 | 23 | 23 | 0.5 | 24 | 0.24 |
| 22+25 | TO | 24+50 | 0.11 | 10 | 10 | 10 | 0.2 | 11 | 0.11 |
| 14+55 | TO | 19+80 | 0.22 | 20 | 20 | 20 | 0.4 | 22 | 0.22 |
| 19+80 | TO | 30+10 | 0.44 | 40 | 40 | 40 | 0.9 | 44 | 0.44 |
| 30+10 | TO | 34+30 | 0.25 | 23 | 23 | 23 | 0.5 | 25 | 0.25 |
| 34+30 | TO | 46+25 | 0.88 | 80 | 80 | 80 | 1.8 | 88 | 0.88 |
| EDWARDS COUNTY TOTAL | | | 2.5 | 228 | 228 | 228 | 5 | 250 | 2.52 |
| PROJECT TOTAL | | | 3.0 | 268 | 268 | 268 | 6 | 295 | 3.0 |

| PERIMETER EROSION BARRIER | | | | |
|---------------------------|------------|----------|--------|-----------|
| SIDE | STATION TO | STATION | LENGTH | |
| RT | 9+25 | TO 14+25 | 520 | |
| RT | 14+75 | TO 18+52 | 395 | |
| LT | 14+70 | TO 17+80 | 353 | |
| LT | 22+72 | TO 24+39 | 167 | |
| LT | 15+10 | TO 15+98 | 88 | |
| LT | 23+72 | TO 24+32 | 74 | |
| LT | 24+52 | TO 26+10 | 158 | |
| LT | 26+37 | TO 27+20 | 83 | |
| RT | 29+05 | TO 30+10 | 105 | |
| | | | | 1943 FEET |

NOTE: SEE STANDARD #280001-2 FOR DETAILS.
 NOTE: FOR DETAILS OF RIPRAP SEE SHEET #59.

| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION

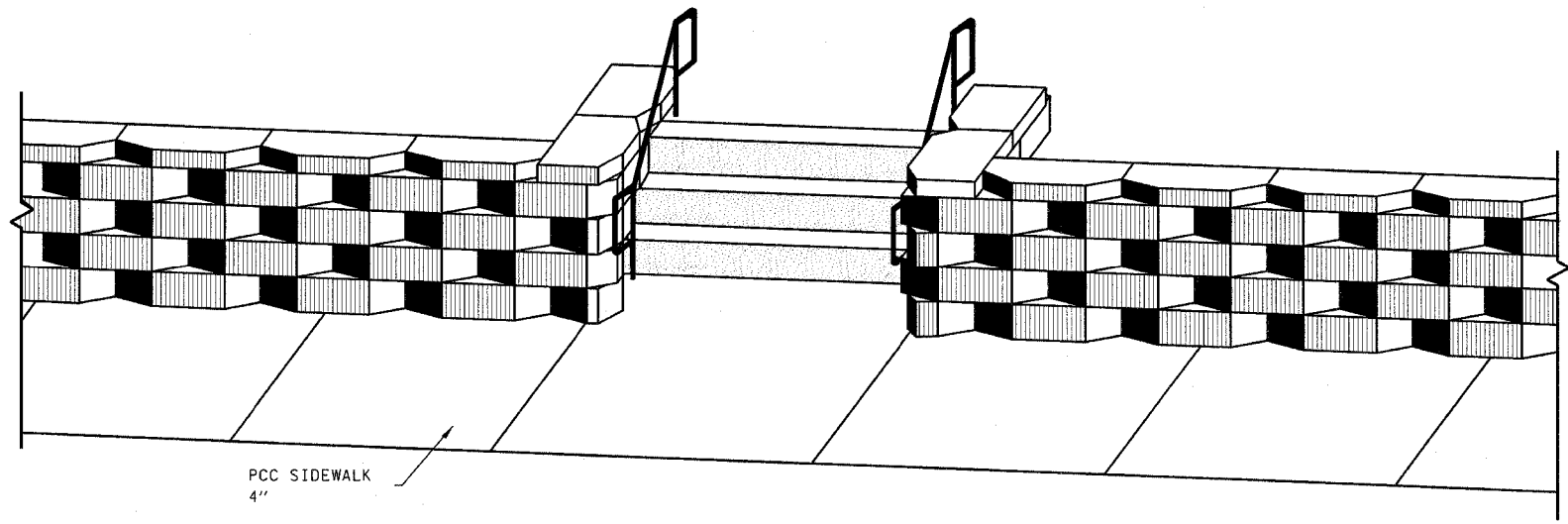
EROSION CONTROL SCHEDULES

SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE

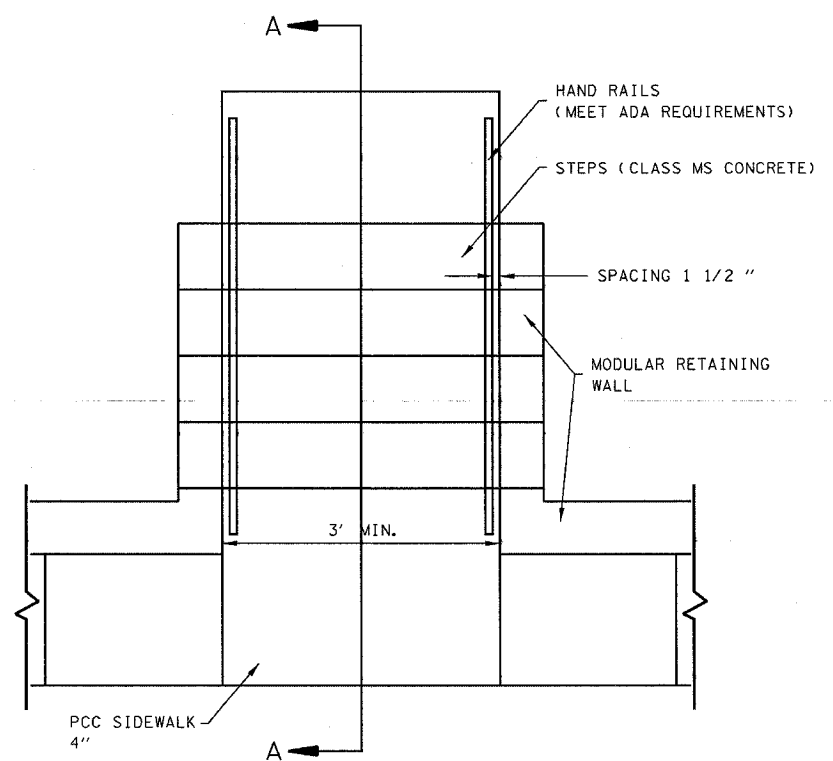
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 19 20 21 22 23 24 25 26 SUP REV: 05-04-98
 27 28 29 30 31 32 33 34
 35 36 37 38 39 40 41 42 43 44 45
 46 47 48 49 50 51 52 53 54
 55 56 57 58 59 60 61 62 63
MOD 2

| FAP #/L | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|------------|---------------|--------------|----------------------|
| 332 | (101Z)W,RS | WHITE/EDWARDS | 198 | 52 |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | | FED. AID PROJECT NO. |

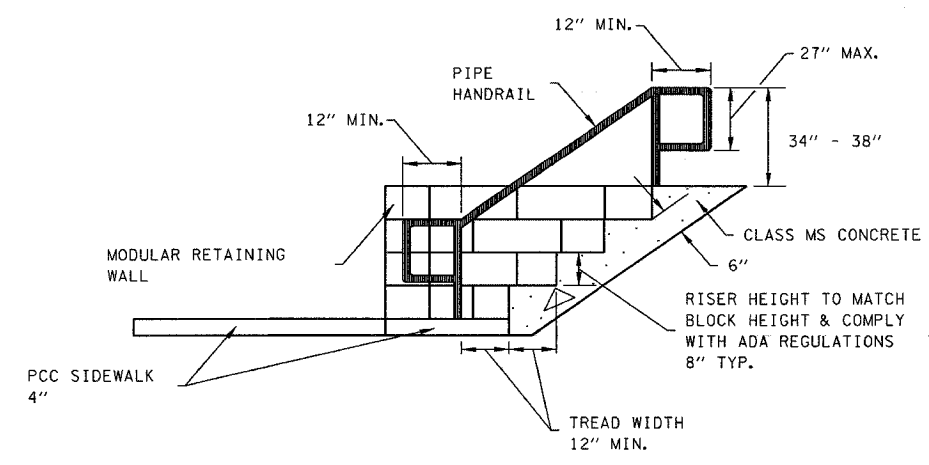
CONTRACT NO. 94652



INSTALLATION OF STAIRWAY



TYPICAL SECTION-STAIRWAY



SECTION A-A

| REVISIONS | |
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ILLINOIS DEPARTMENT OF TRANSPORTATION

MODULAR RETAINING WALL DETAILS

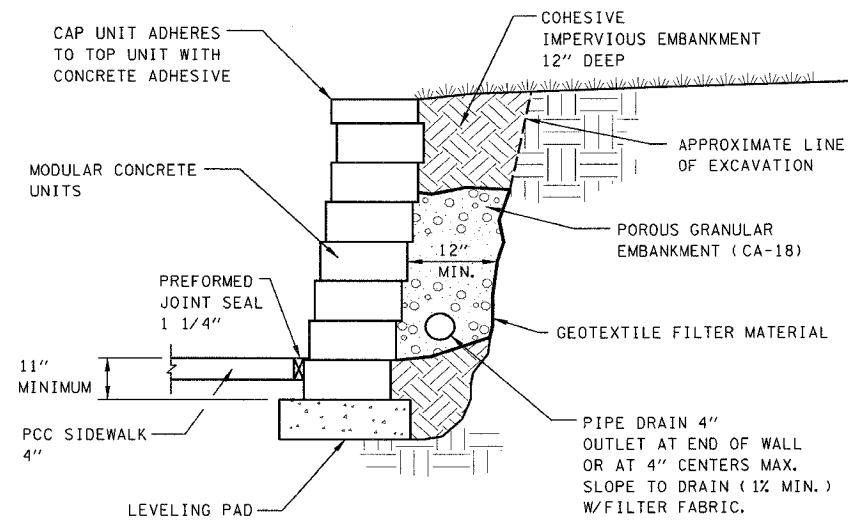
SCALE: VERT. HORIZ.
 DATE DRAWN BY CHECKED BY

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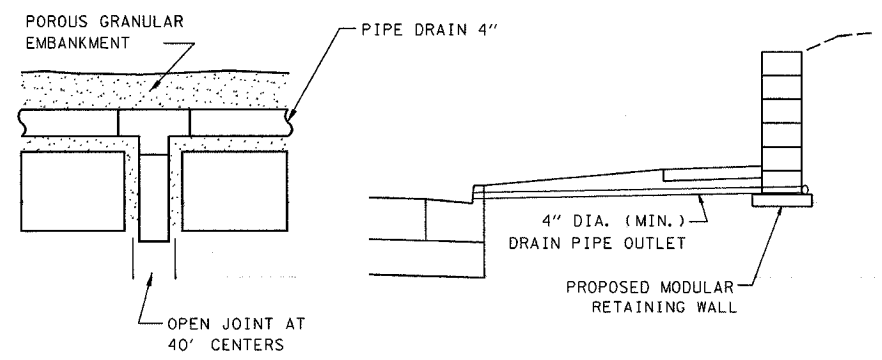
1/31/2005
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 SUP REV: 05-04-98
 MOD 1

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 28 29 30 31 32 33 34 35
 36 37 38 39 40 41 42 43 44
 45 46 47 48 49 50 51 52 53 54
 55 56 57 58 59 60 61 62 63

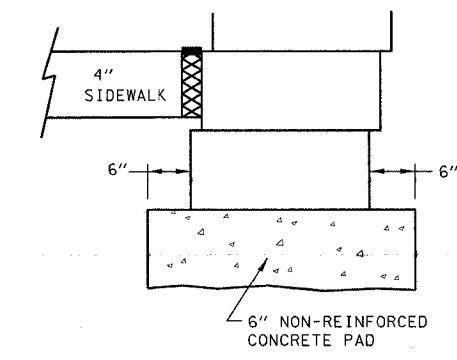
| FAP NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|------------|---------------|--------------|----------------------|
| 332 | (1012)W,RS | WHITE/EDWARDS | 198 | 53 |
| FED. ROAD DIST. NO. 7 | | MILES | | FED. AID PROJECT NO. |
| CONTRACT NO. 94652 | | | | |



TYPICAL SECTION-UNREINFORCED RETAINING WALL



PLAN SECTION
 DRAIN DETAIL



LEVELING PAD DETAIL

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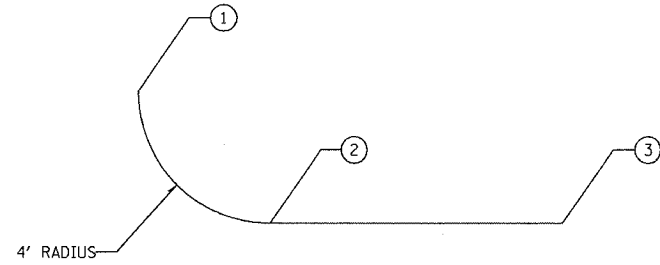
ILLINOIS DEPARTMENT OF TRANSPORTATION
MODULAR RETAINING WALL DETAILS
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

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 10 11 12 13 14 15 16 17 18
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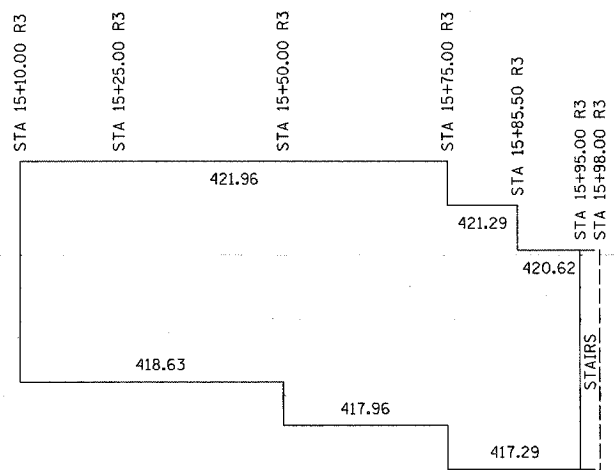
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REV: MRW 2

LOCATION #2 = LT. STA. 15+10.00 TO LT. STA. 15+98.00
 WALL AREA = 317 SQ. FT.



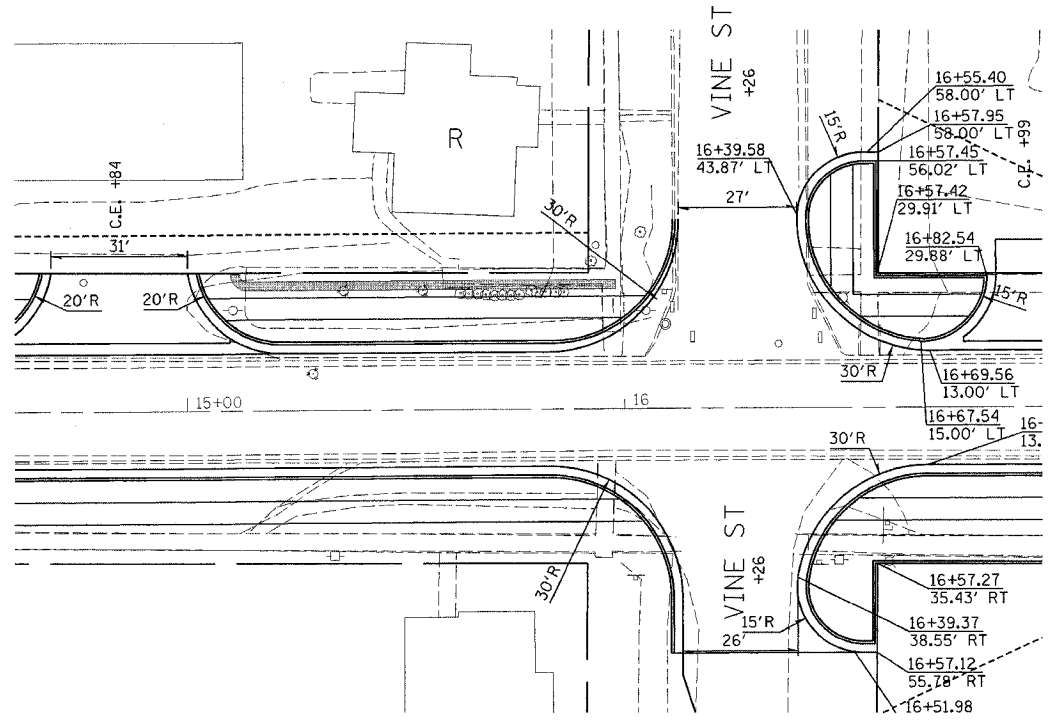
| NO. | MAINLINE STATION | MAINLINE OFFSET |
|-----|------------------|-----------------|
| 1 | 15+10.00 | 30.99' LT |
| 2 | 15+13.49 | 27.33' LT |
| 3 | 15+98.00 | 27.33' LT |



TOP AND BOTTOM OF WALL ELEVATIONS
 NOTE: BOTTOM OF WALL NOT BOTTOM OF FOOTING

| FAP NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------|------------|---------------|--------------|-----------|
| 332 | (1012)W,RS | WHITE/EDWARDS | 198 | 54 |

CONTRACT NO. 94652



| REVISIONS | |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
MODULAR RETAINING WALL
LT STA 15 + 10.00
TO
LT STA 15 + 98.00

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

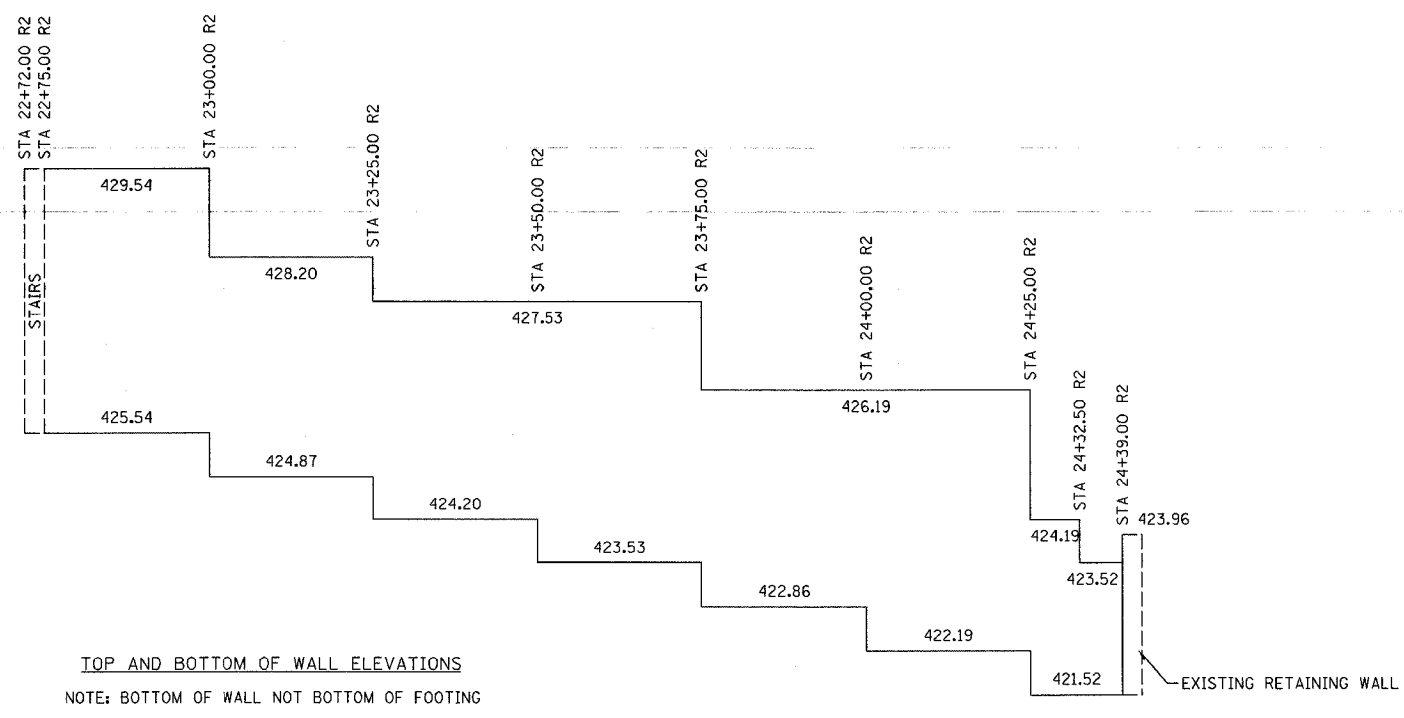
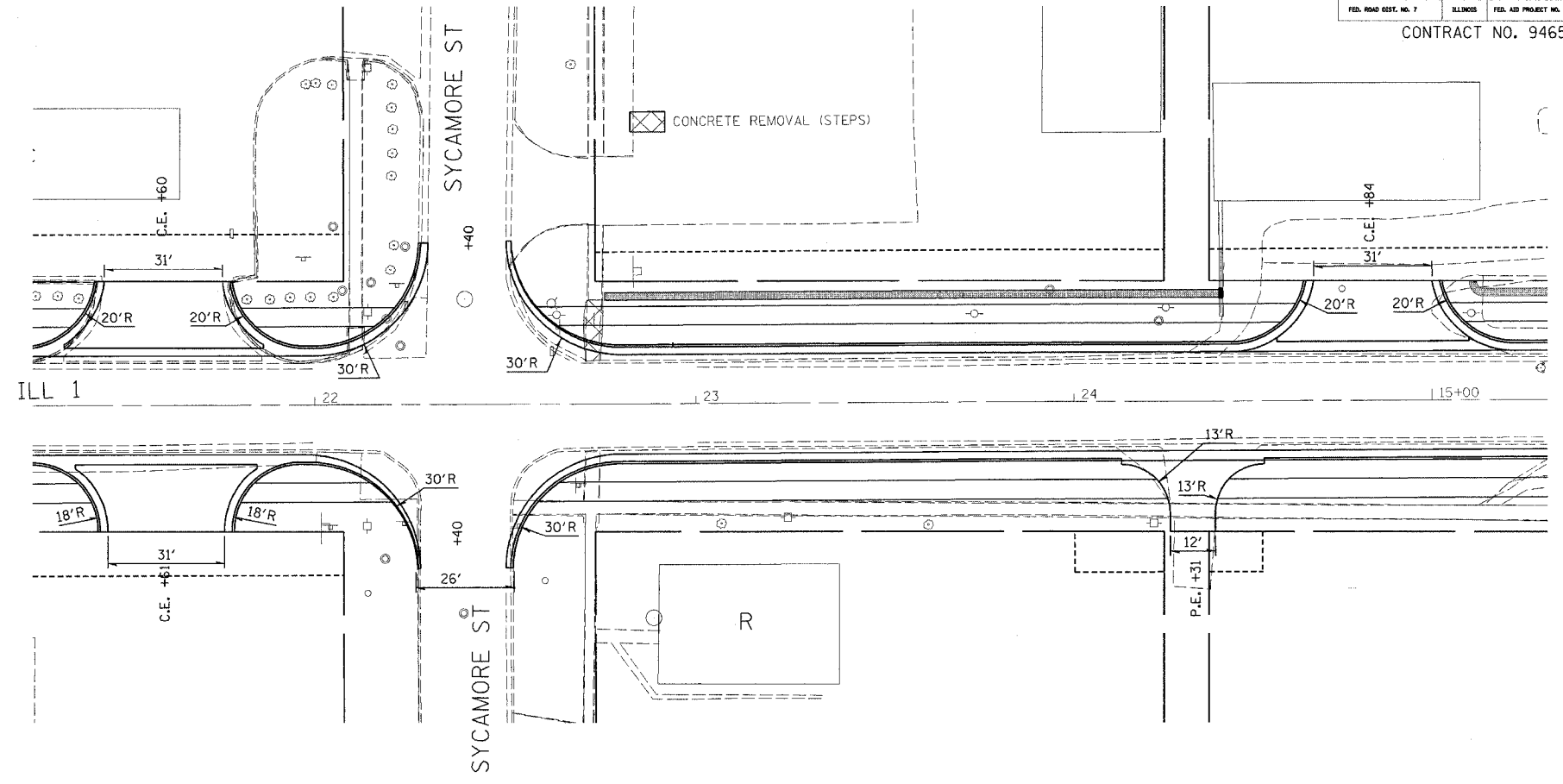
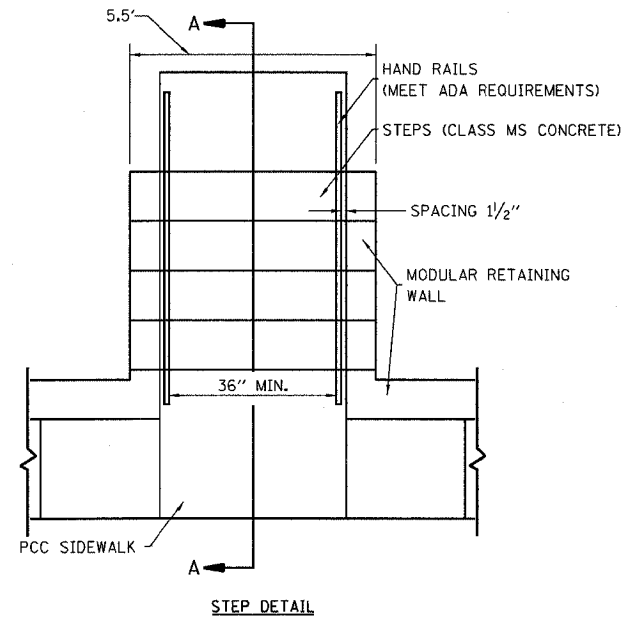
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1/31/2005
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 REV: MRW1

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 10 11 12 13 14 15 16 17 18
 19 20 21 22 23 24 25 26 27
 28 29 30 31 32 33 34 35
 36 37 38 39 40 41 42 43 44
 45 46 47 48 49 50 51 52 53 54
 55 56 57 58 59 60 61 62 63

| FAP #/L | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|-------------|---------------|----------------------|-----------|
| 332 | (101)Z/W,RS | WHITE/EDWARDS | 198 | 55 |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | FED. AID PROJECT NO. | |
| CONTRACT NO. 94652 | | | | |

LOCATION #1 = LT. STA. 22+72.00 TO LT. STA. 24+39.00
 WALL AREA = 593 SQ. FT.



| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
MODULAR RETAINING WALL
 LT STA 22 + 72.00
 TO
 LT STA 24 + 39.00

SCALE: VERT. _____
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DATE _____ DRAWN BY _____
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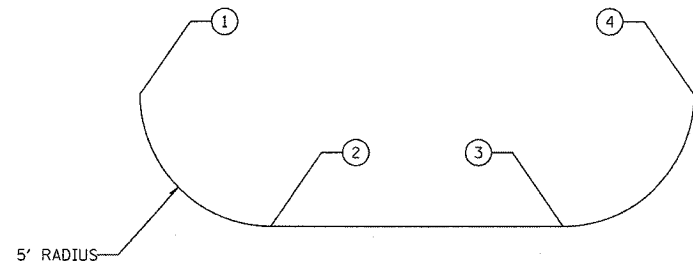
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 REV: MRW3

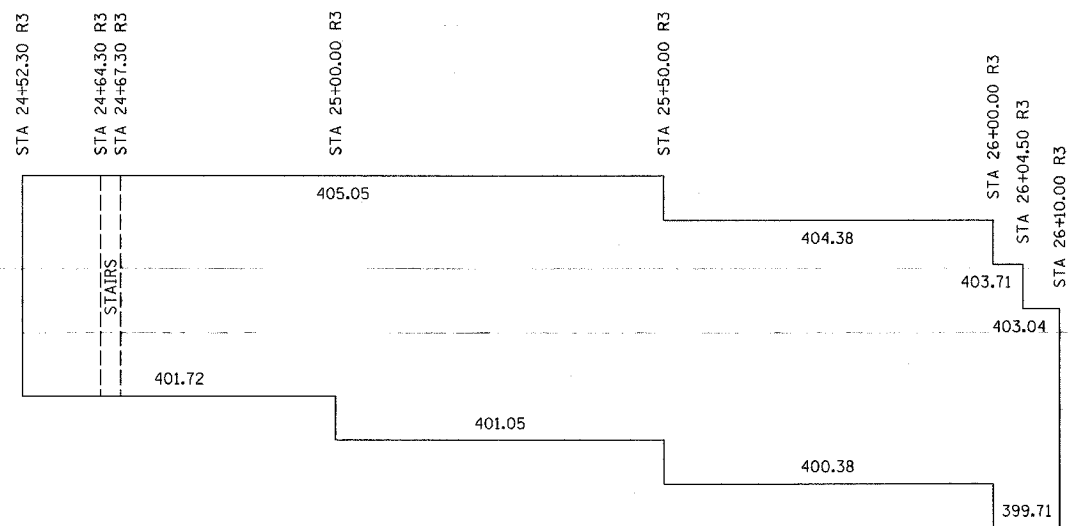
1 2 3 4 5 6 7 8 9
 10 11 12 13 14 15 16 17 18
 19 20 21 22 23 24 25 26
 27 28 29 30 31 32 33 34
 35 36 37 38 39 40 41 42 43 44 45
 46 47 48 49 50 51 52 53 54
 55 56 57 58 59 60 61 62 63

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LOCATION #3 = LT. STA. 24+52.30 TO LT. STA. 26+10.00
 WALL AREA = 606 SQ. FT.



| NO. | MAINLINE STATION | MAINLINE OFFSET |
|-----|------------------|-----------------|
| 1 | 24+52.30 | 32.33' LT |
| 2 | 24+57.30 | 27.33' LT |
| 3 | 26+05.00 | 27.33' LT |
| 4 | 26+10.00 | 32.33' LT |

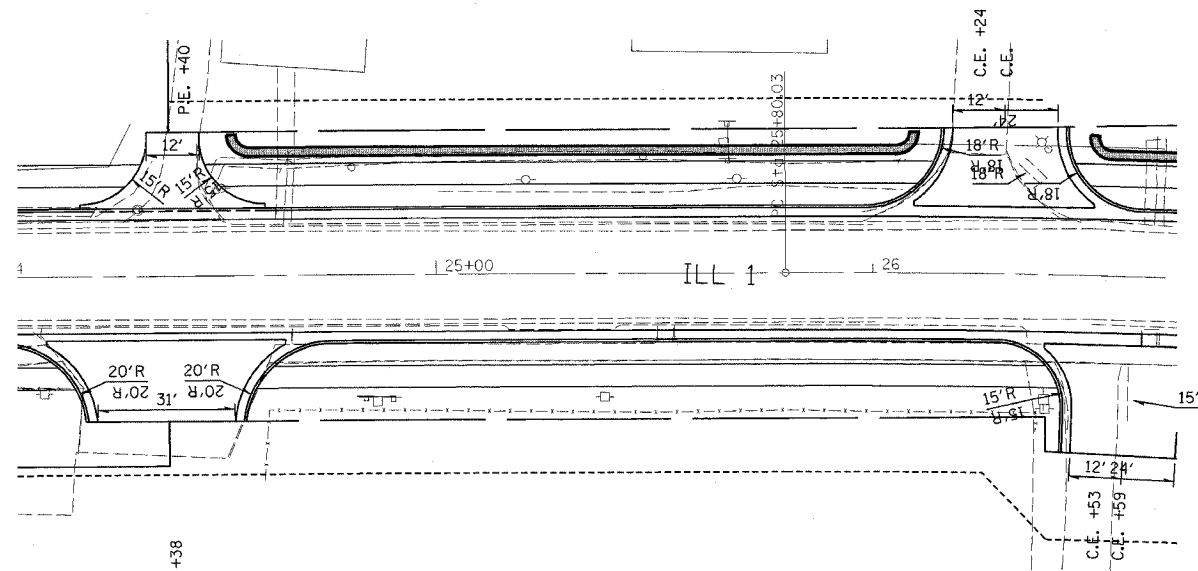


TOP AND BOTTOM OF WALL ELEVATIONS
 NOTE: BOTTOM OF WALL NOT BOTTOM OF FOOTING



| FAP A/E | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------|------------|---------------|--------------|-----------|
| 332 | (101Z)W,RS | WHITE/EDWARDS | 198 | 56 |

CONTRACT NO. 94652



| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
MODULAR RETAINING WALL
LT STA 24 + 52.30
TO
LT STA 26 + 10.00
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____
 DRAWN BY _____
 CHECKED BY _____

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63

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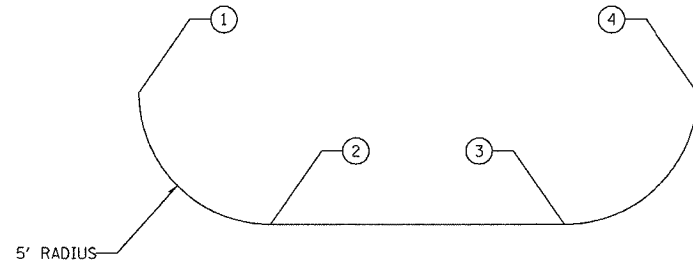
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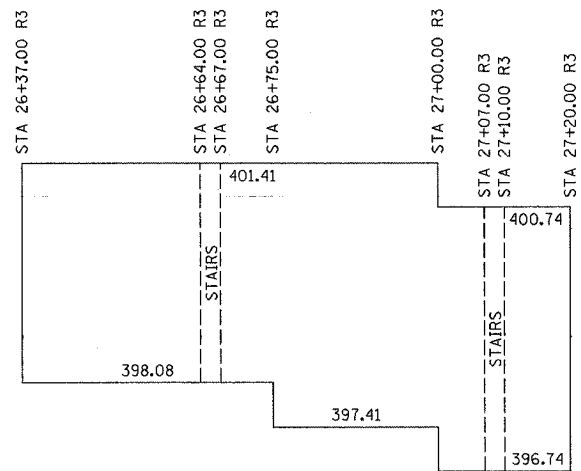
REV:

MRW 4

LOCATION #4 = LT. STA. 26+37.00 TO LT. STA. 27+20.00
WALL AREA = 325 SQ. FT.



| NO. | MAINLINE STATION | MAINLINE OFFSET |
|-----|------------------|-----------------|
| 1 | 26+37.00 | 32.33' LT |
| 2 | 26+42.00 | 27.33' LT |
| 3 | 27+15.00 | 27.33' LT |
| 4 | 27+20.00 | 32.33' LT |

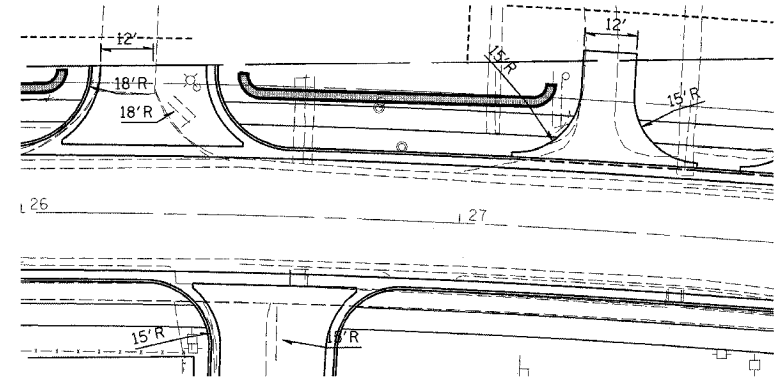


TOP AND BOTTOM OF WALL ELEVATIONS
NOTE: BOTTOM OF WALL NOT BOTTOM OF FOOTING



| FAP NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------|------------|---------------|--------------|-----------|
| 332 | (101Z)W,RS | WHITE/EDWARDS | 198 | 57 |

CONTRACT NO. 94652



| REVISIONS | |
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| NAME | DATE |
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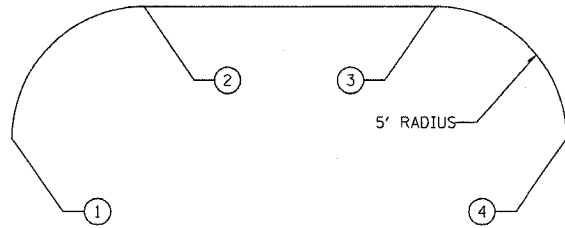
ILLINOIS DEPARTMENT OF TRANSPORTATION
MODULAR RETAINING WALL
LT STA 26 + 37.00
TO
LT STA 27 + 20.00
SCALE: VERT. _____
HORIZ. _____
DATE _____
DRAWN BY _____
CHECKED BY _____

1 2 3 4 5 6 7 8 9 1/31/2005
 10 11 12 13 14 15 16 17 18
 19 20 21 22 23 24 25 26
 27 28 29 30 31 32 33 34
 35 36 37 38 39 40 41 42 43 44 45
 46 47 48 49 50 51 52 53 54
 55 56 57 58 59 60 61 62 63

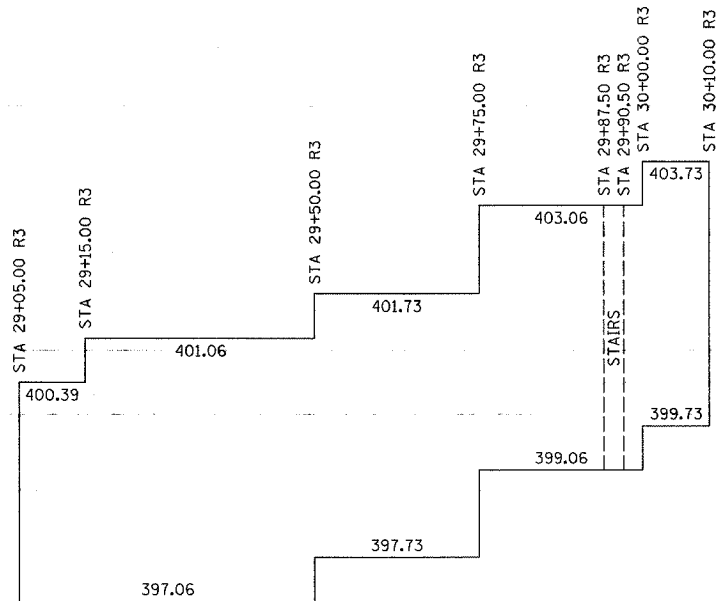
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REV: MRW5

LOCATION #5 = RT. STA. 29+05.00 TO RT. STA. 30+10.00
 WALL AREA = 422 SQ. FT.



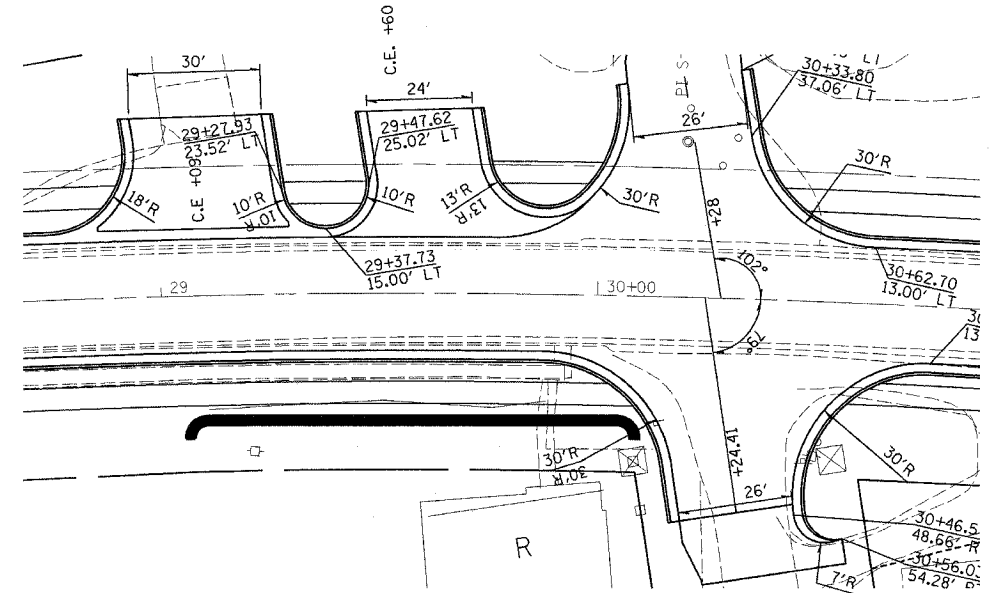
| NO. | MAINLINE STATION | MAINLINE OFFSET |
|-----|------------------|-----------------|
| 1 | 29+05.00 | 32.33' LT |
| 2 | 29+10.00 | 27.33' LT |
| 3 | 30+05.00 | 27.33' LT |
| 4 | 30+10.00 | 32.33' LT |



TOP AND BOTTOM OF WALL ELEVATIONS
 NOTE: BOTTOM OF WALL NOT BOTTOM OF FOOTING

| FAP NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|------------|---------------|----------------------|-----------|
| 332 | (1012)W,RS | WHITE/EDWARDS | 198 | 58 |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | FED. AID PROJECT NO. | |

CONTRACT NO. 94652



| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
MODULAR RETAINING WALL
RT STA 29 + 05.00
TO
RT STA 30 + 10.00

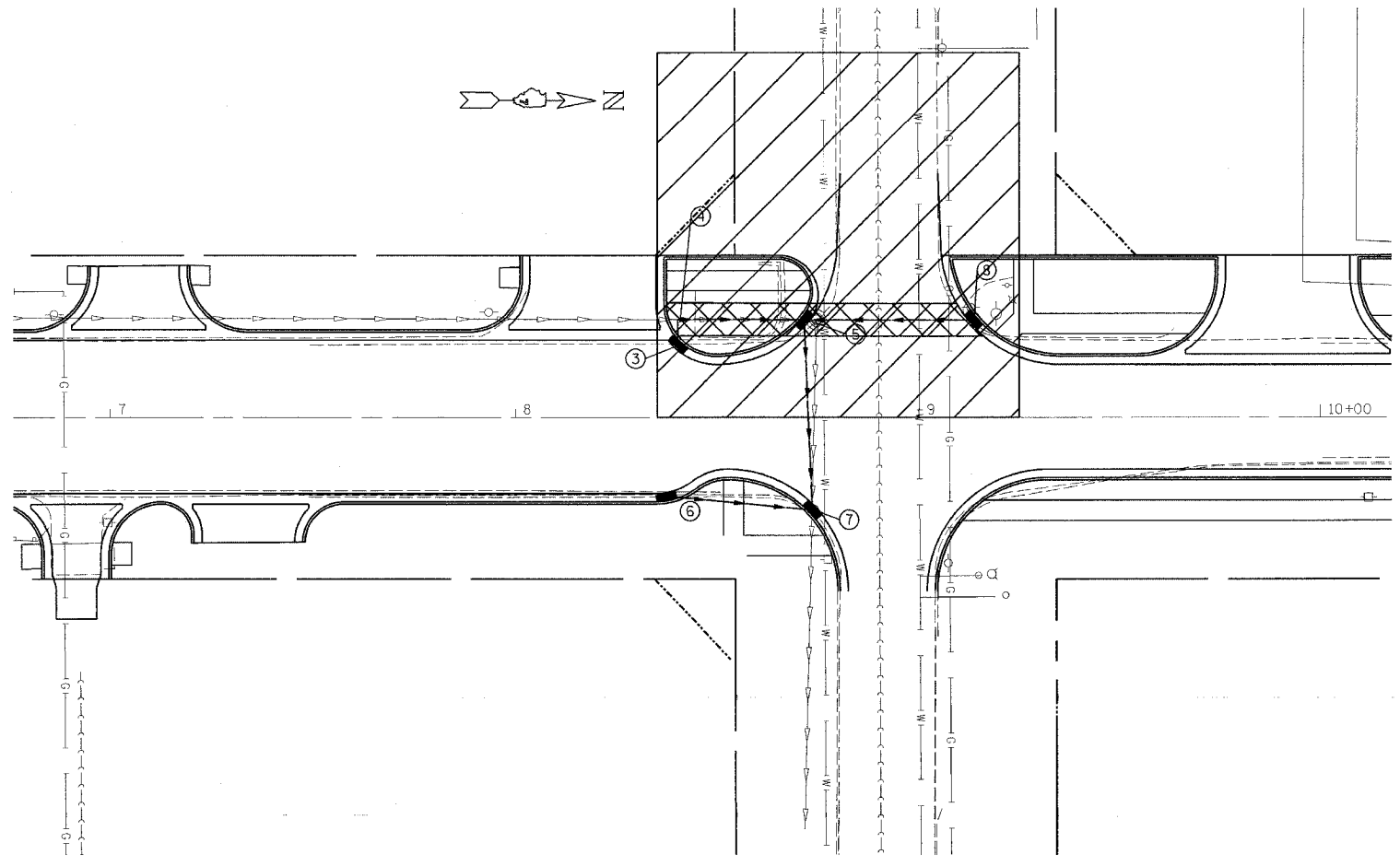
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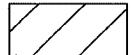
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1 3 4 5 6 7 8 9
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 18 19 20 21 22 23 24 25 26 27
 28 29 30 31 32 33 34 35 36
 37 38 39 40 41 42 43 44 45
 46 47 48 49 50 51 52 53 54
 55 56 57 58 59 60 61 62 63

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|-----------------------|----------|---------------|----------------------|-----------|
| FAP NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | 1012W,RS | WHITE/EDWARDS | 198 | 59 |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | FED. AID PROJECT NO. | |
| CONTRACT NO. 94652 | | | | |



| PAY ITEM | QUANTITY |
|---------------------------------|-----------------|
| NON-SPECIAL WASTE DISPOSAL | 300 CUBIC YARDS |
| SPECIAL WASTE PLANS AND REPORTS | LUMP SUM |
| SOIL DISPOSAL ANALYSIS | 4 EACH |

 AREA OF POSSIBLE CONTAMINATED SOIL

 EXCAVATION/CONSTRUCTION AREA OF POSSIBLE CONTAMINATED SOIL

| REVISIONS | |
|-----------|------|
| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION

LOCATION OF POSSIBLE CONTAMINATED SOIL

SCALE: VERT. _____
 HORIZ. _____

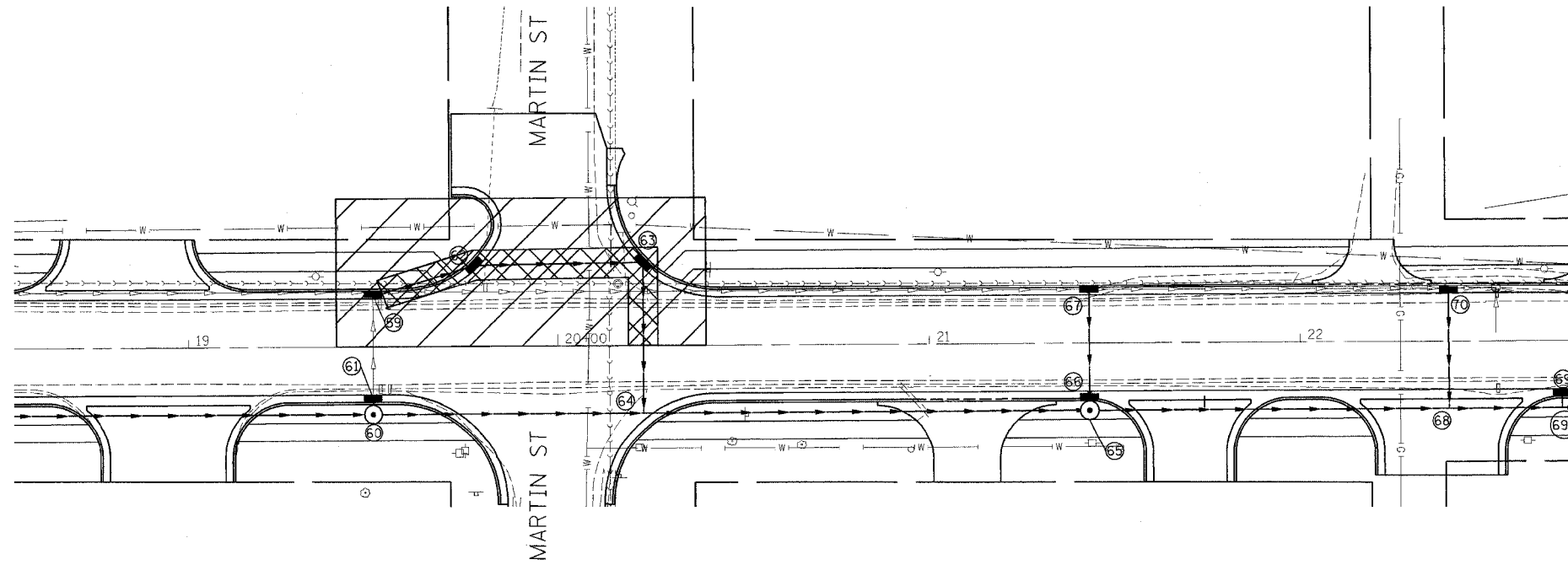
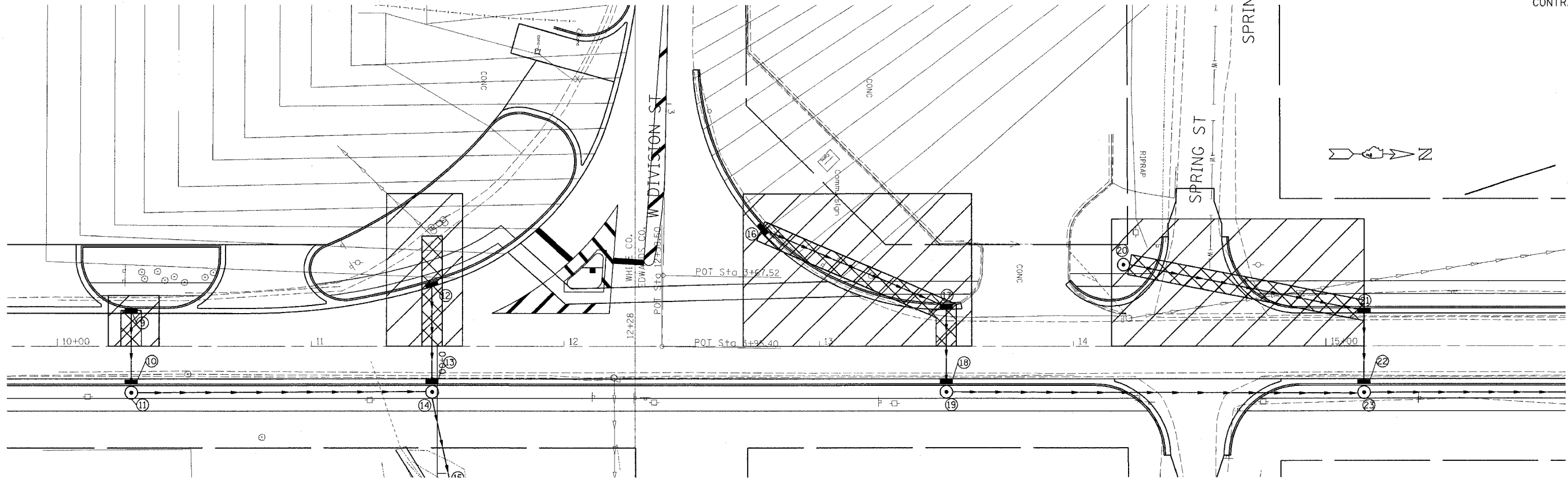
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|-----------------------|------------|---------------|----------------------|-----------|
| FAP NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | (1012)W,RS | WHITE/EDWARDS | 198 | 60 |
| FED. ROAD DIST. NO. 1 | | ILLINOIS | FED. AID PROJECT NO. | |
| CONTRACT NO. 94652 | | | | |



-  AREA OF POSSIBLE CONTAMINATED SOIL
-  EXCAVATION/CONSTRUCTION AREA OF POSSIBLE CONTAMINATED SOIL

| REVISIONS | |
|-----------|------|
| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
LOCATION OF POSSIBLE CONTAMINATED SOIL
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

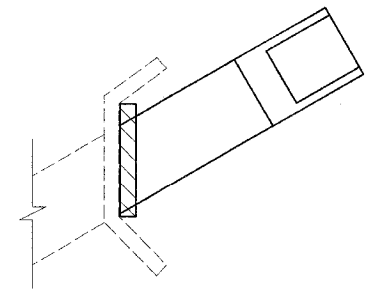
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 SUP REV: 05-04-98
 CULVERT

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| FAP NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|-----------|---------------|----------------------|-----------|
| 332 | 1012JW,RS | WHITE/EDWARDS | 198 | 61 |
| FED. ROAD DIST. NO. 1 | | ILLINOIS | FED. AID PROJECT NO. | |
| CONTRACT NO. 94652 | | | | |

STA 11+22
 EXISTING 3' X 3' RC BOX CULVERT - CULVERT NO. 1
 23° 30' SKEW

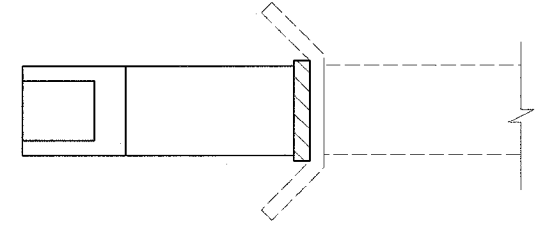


- RT
- PRECAST BOX CULVERT 3' X 3' - 58.5FT
 - BOX CULVERT END SECTION - CULVERT NO. 1 - 1.0 EA
 - CONCRETE HEADWALL REMOVAL - 0.30CU YD
 - EXPANSION BOLTS - 3/4" X 15" - 8.0 EA
 - REINFORCEMENT BARS - 44.1 LB
 - CLASS SI CONCRETE COLLAR - 0.80CU YD
 - POROUS GRANULAR BACKFILL - 8.6 CU YD
 - CHANNEL EXCAVATION - 75.0 CU YD

| BOX CULVERT DESIGN CRITERIA | | | |
|-----------------------------|------------------|---------------------------|--------------------|
| CULVERT NUMBER | Fmin/Fmax (feet) | DESIGN FILL HEIGHT (feet) | AASHTO DESIGNATION |
| 1 | 12.8' >= 4' | 12.8' | M 259 |
| 2 | 12.4' >= 4' | 14.9' | M 259 |
| 3 | 7.4' >= 4' | 7.4' | M 259 |
| 4 | 3' <= 3.6' < 4' | 3' | M 259 |

| END SECTION SCHEDULE | | | | |
|----------------------|------|---------|--------|---------|
| CULVERT NUMBER | SIDE | STATION | OFFSET | SIZE |
| 1 | RT | 11+69.8 | 94.0' | 3' X 3' |
| 2 | RT | 16+88 | 91.0' | 5' X 4' |
| 2 | LT | 16+92 | 81.5' | 4' X 4' |
| 3 | LT | 23+92 | 46.0' | 3' X 3' |
| 4 | RT | 27+89.5 | 38.5' | 4' X 4' |
| 4 | LT | 28+08 | 53.5' | 4' X 4' |

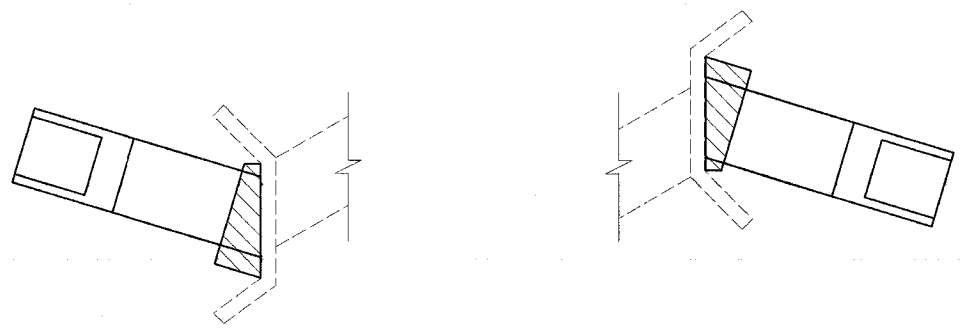
STA 23+92
 EXISTING 3' X 3' RC BOX CULVERT - CULVERT NO. 3
 0° SKEW



- LT
- PRECAST BOX CULVERT 4' X 4' - 14.0FT
 - BOX CULVERT END SECTION - CULVERT NO. 3 - 1.0 EA
 - CONCRETE HEADWALL REMOVAL - 0.30CU YD
 - EXPANSION BOLTS - 3/4 " X 15" - 8.0 EA
 - REINFORCEMENT BARS - 29.4 LB
 - CLASS SI CONCRETE COLLAR - 0.40CU YD
 - POROUS GRANULAR BACKFILL - 2.8 CU YD

DIMENSIONS SHOWN ON UTILITIES ARE DISTANCE FROM CENTERLINE OF US ROUTE 51 TO UTILITIES

STA 16+90
 EXISTING 4' X 4' RC BOX CULVERT - CULVERT NO. 2
 20° SKEW



- LT
- PRECAST BOX CULVERT 4' X 4' - 42.0FT
 - BOX CULVERT END SECTION - CULVERT NO. 2 - 1.0 EA
 - CONCRETE HEADWALL REMOVAL - 0.40CU YD
 - EXPANSION BOLTS - 3/4 " X 15" - 8.0 EA
 - REINFORCEMENT BARS - 53.4 LB
 - CLASS SI CONCRETE COLLAR - 1.90CU YD
 - POROUS GRANULAR BACKFILL - 6.5 CU YD
- RT
- PRECAST BOX CULVERT 5' X 4' - 42.0FT
 - BOX CULVERT END SECTION - CULVERT NO. 2 - 1.0 EA
 - CONCRETE HEADWALL REMOVAL - 0.40CU YD
 - EXPANSION BOLTS - 3/4 " X 15" - 8.0 EA
 - REINFORCEMENT BARS - 58.8 LB
 - CLASS SI CONCRETE COLLAR - 1.80CU YD
 - POROUS GRANULAR BACKFILL - 8.9 CU YD

STA 28+00
 EXISTING 4' X 4' RC BOX CULVERT - CULVERT NO. 4
 15° SKEW



- LT
- PRECAST BOX CULVERT 4' X 4' - 13.0FT
 - BOX CULVERT END SECTION - CULVERT NO. 4 - 1.0 EA
 - CONCRETE HEADWALL REMOVAL - 0.60CU YD
 - EXPANSION BOLTS - 3/4 " X 15" - 8.0 EA
 - REINFORCEMENT BARS - 53.4 LB
 - CLASS SI CONCRETE COLLAR - 0.80CU YD
 - POROUS GRANULAR BACKFILL - 2.4 CU YD
- RT
- PRECAST BOX CULVERT 4' X 4' - 8.5 FT
 - BOX CULVERT END SECTION - CULVERT NO. 4 - 1.0 EA
 - CONCRETE HEADWALL REMOVAL - 0.50CU YD
 - EXPANSION BOLTS - 3/4 " X 15" - 8.0 EA
 - REINFORCEMENT BARS - 53.4 LB
 - CLASS SI CONCRETE COLLAR - 1.10CU YD
 - POROUS GRANULAR BACKFILL - 4.7 CU YD
 - REMOVE EXISTING FLARED END SECTION - 1.0 EA
 - METAL END SECTION 48" - 1.0 EA

| REVISIONS | |
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ILLINOIS DEPARTMENT OF TRANSPORTATION

CULVERT EXTENSION DETAILS

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

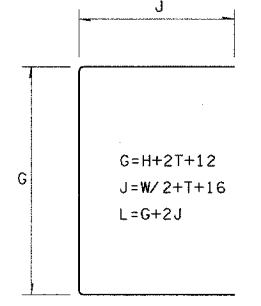
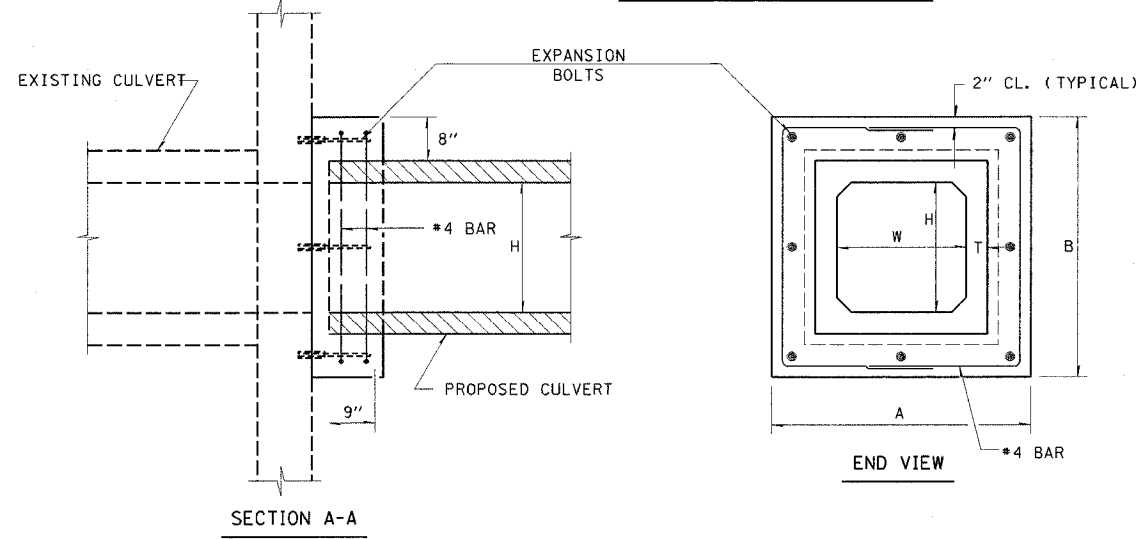
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| FAP #/L | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|------------|---------------|----------------------|-----------|
| 332 | (1012)W.RS | WHITE/EDWARDS | 198 | 62 |
| FED. ROAD DIST. NO. 1 | | ILLINOIS | FED. AID PROJECT NO. | |

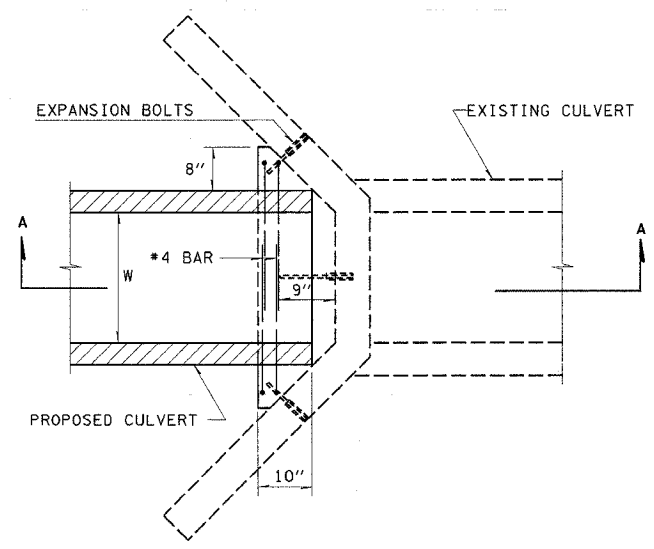
CONTRACT NO. 94652

| CONCRETE COLLAR SCHEDULE | | | | | | | | | | | | | |
|--------------------------|---------|------------|----|--------|----|----|---|--------------------|----|-----|-------------|-------|-----------------|
| SIDE | STATION | DIMENSIONS | | | | | | REINFORCEMENT BARS | | | | | EXPANSION BOLTS |
| | | A | B | C | W | H | T | G | J | L | NUMBER BARS | POUND | EACH |
| RT. | 11+22 | 62.625 | 60 | 21.25 | 36 | 36 | 4 | 56 | 38 | 132 | 6 | 44.1 | 8 |
| LT. | 16+90 | 72.125 | 74 | 51.75 | 48 | 48 | 5 | 70 | 45 | 160 | 6 | 53.4 | 8 |
| RT. | 16+90 | 87.25 | 76 | 34.0 | 60 | 48 | 6 | 72 | 52 | 176 | 6 | 58.8 | 8 |
| LT. | 23+92 | 60 | 60 | - | 36 | 36 | 4 | 56 | 38 | 132 | 4 | 29.4 | 8 |
| LT. | 28+00 | 79.875 | 74 | 8.25 | 48 | 48 | 5 | 70 | 45 | 160 | 6 | 53.4 | 8 |
| RT. | 28+00 | 77.75 | 74 | 20.625 | 48 | 48 | 5 | 70 | 45 | 160 | 6 | 53.4 | 8 |

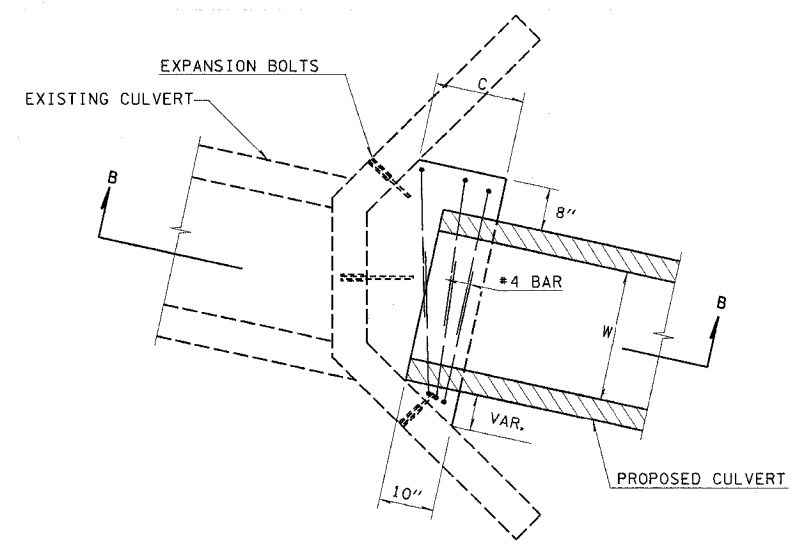
DETAIL OF CONCRETE COLLAR FOR BOX CULVERT EXTENSIONS



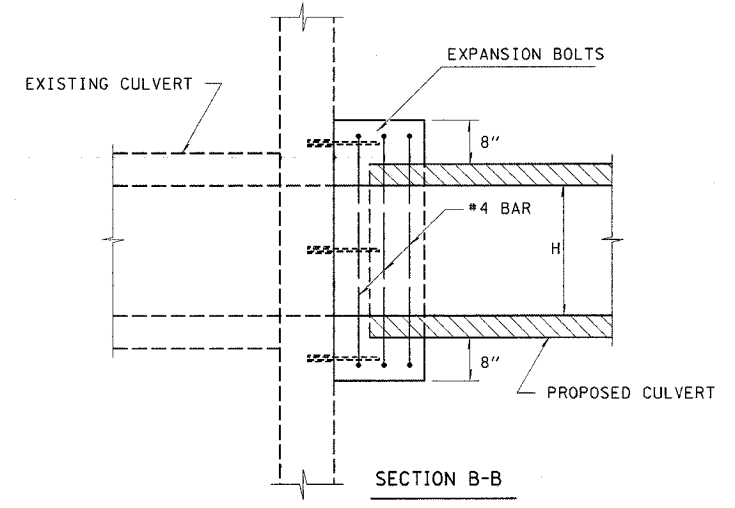
NOTE: EXPANSION BOLTS SHALL CONSIST OF SELF-DRILLING EXPANSION SHIELDS AND HOOKED BOLTS. HOOKED BOLTS SHALL EXTEND A MINIMUM OF 9" INTO THE NEW CONCRETE.



PLAN VIEW
(RIGHT ANGLE CULVERT)



PLAN VIEW
(SKEWED CULVERT)



SECTION B-B

| REVISIONS | |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
CULVERT COLLAR DETAIL
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____ ISSUED: 05-03-96
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 CHECKED BY _____

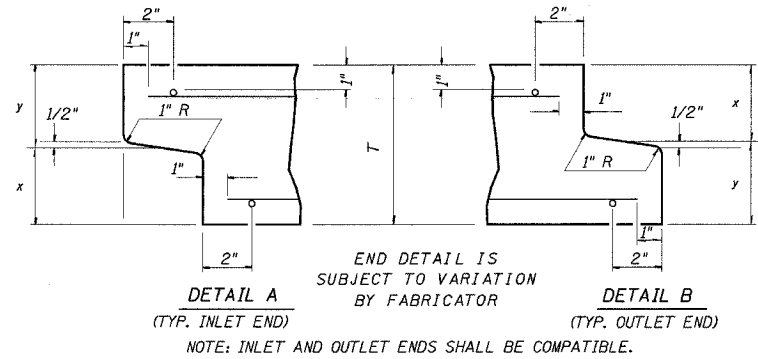
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DETAIL OF PRECAST CONCRETE BOX CULVERT M259M

| | | | | |
|-----------------------|------------|---------------|----------------------|-----------|
| FAP NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | (1012)W,RS | WHITE/EDWARDS | 198 | 64 |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | FED. AID PROJECT NO. | |
| CONTRACT NO. 94652 | | | | |



AASHTO DESIGNATION M259M
 (ASTM DESIGNATION C-789M)
 DESIGN LOADING = MS18

| CULVERT SIZE | DIMENSIONS | | | |
|--------------|---------------|------------|------------|---------------|
| | T (INCHES) | A FT-IN | B FT-IN | C (INCHES) |
| 2x2 | 4 | 2-8 | 2-8 | 4 |
| 3x2 | 4 | 3-8 | 2-8 | 4 |
| 3x3 | 4 | 3-8 | 3-8 | 4 |
| 4x2 | 5 | 4-10 | 2-10 | 5 |
| 4x3 | 5 | 4-10 | 3-10 | 5 |
| 4x4 | 5 | 4-10 | 4-10 | 5 |
| 5x2 | 6 | 6-0 | 3-0 | 6 |
| 5x3 | 6 | 6-0 | 4-0 | 6 |
| 5x4 | 6 | 6-0 | 5-0 | 6 |
| 5x5 | 6 | 6-0 | 6-0 | 6 |
| 6x2 | 7 | 7-2 | 3-2 | 7 |
| 6x3 | 7 | 7-2 | 4-2 | 7 |
| 6x4 | 7 | 7-2 | 5-2 | 7 |
| 6x5 | 7 | 7-2 | 6-2 | 7 |
| 6x6 | 7 | 7-2 | 7-2 | 7 |
| 7x4 | 8 | 8-4 | 5-4 | 8 |
| 7x5 | 8 | 8-4 | 6-4 | 8 |
| 7x6 | 8 | 8-4 | 7-4 | 8 |
| 7x7 | 8 | 8-4 | 8-4 | 8 |
| 8x4 | 8 | 9-4 | 5-4 | 8 |
| 8x5 | 8 | 9-4 | 6-4 | 8 |
| 8x6 | 8 | 9-4 | 7-4 | 8 |
| 8x7 | 8 | 9-4 | 8-4 | 8 |
| 8x8 | 8 | 9-4 | 9-4 | 8 |
| 9x5 | 9 | 10-6 | 6-6 | 9 |
| 9x6 | 9 | 10-6 | 7-6 | 9 |
| 9x7 | 9 | 10-6 | 8-6 | 9 |
| 9x8 | 9 | 10-6 | 9-6 | 9 |
| 9x9 | 9 | 10-6 | 10-6 | 9 |
| 10x5 | 10 | 11-8 | 6-8 | 10 |
| 10x6 | 10 | 11-8 | 7-8 | 10 |
| 10x7 | 10 | 11-8 | 8-8 | 10 |
| 10x8 | 10 | 11-8 | 9-8 | 10 |
| 10x9 | 10 | 11-8 | 10-8 | 10 |
| 10x10 | 10 | 11-8 | 11-8 | 10 |
| 11x4 | 11 | 12-10 | 5-10 | 11 |
| 11x6 | 11 | 12-10 | 7-10 | 11 |
| 11x8 | 11 | 12-10 | 9-10 | 11 |
| 11x10 | 11 | 12-10 | 11-10 | 11 |
| 11x11 | 11 | 12-10 | 12-10 | 11 |
| 12x4 | 12 | 14-0 | 6-0 | 12 |
| 12x6 | 12 | 14-0 | 8-0 | 12 |
| 12x8 | 12 | 14-0 | 10-0 | 12 |
| 12x10 | 12 | 14-0 | 12-0 | 12 |
| 12x12 | 12 | 14-0 | 14-0 | 12 |

GENERAL NOTES

SHOP PLANS FOR THE REINFORCEMENT SHALL BE SUBMITTED IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 504.04(d) OF THE STANDARD SPECIFICATIONS.

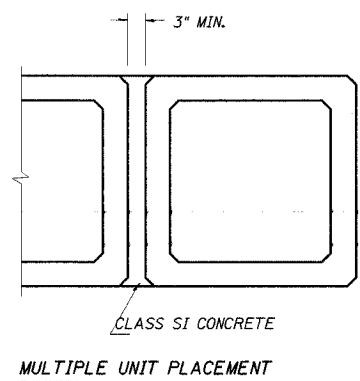
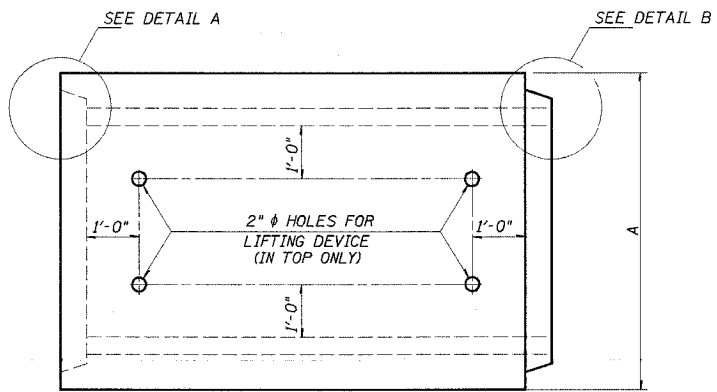
MINIMUM CONCRETE STRENGTH SHALL BE 5000 PSI AFTER 28 DAYS.

THE JOINTS OF THE PRECAST BOX SECTIONS SHALL BE SEALED IN ACCORDANCE WITH ARTICLE 542.04(d) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

THE TERMS A_{S1} , A_{S2} , AND A_{S3} DENOTE THE REQUIRED STEEL AREAS FOR REINFORCEMENT AS SPECIFIED IN ASSHTO M259M. REINFORCEMENT SHALL BE WELDED WIRE FABRIC CONFORMING TO ASSHTO M55M.

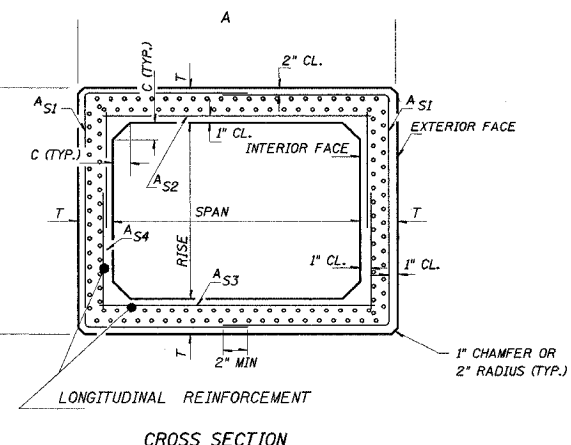
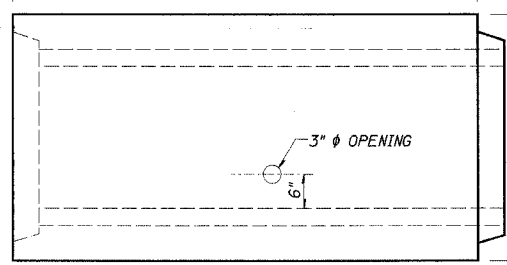
LIFTING HOLES SHALL BE FILLED WITH CONCRETE PLUGS AND MASTIC AFTER THE BOX SECTIONS ARE IN PLACE.

DRAINAGE OPENINGS SHALL BE PROVIDED IN ACCORDANCE WITH ARTICLE 503.12 OF THE STANDARD SPECIFICATIONS. LOCATION AND SPACING OF THE OPENINGS SHALL BE SHOWN ON THE SHOP DRAWINGS.



PLAN
 LOCATION OF LIFTING HOLES MAY BE VARIED AS NEEDED TO CLEAR REINFORCEMENT.

SECTION LENGTH
 WHEN EXTENDING AN EXISTING BOX, PLACE THIS END AGAINST THE EXISTING HEADWALL.



| REVISIONS | |
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ILLINOIS DEPARTMENT OF TRANSPORTATION

DETAIL OF PRECAST CONCRETE BOX CULVERT SECTION

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 HORIZ. _____

DATE _____ REVISED: 05/28/99 DRAWN BY _____
 CHECKED BY _____

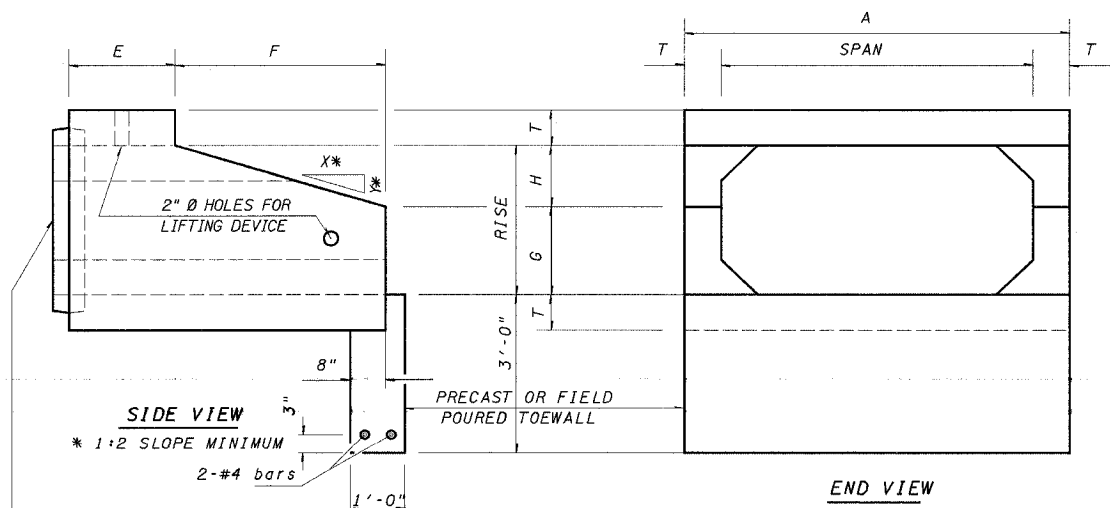
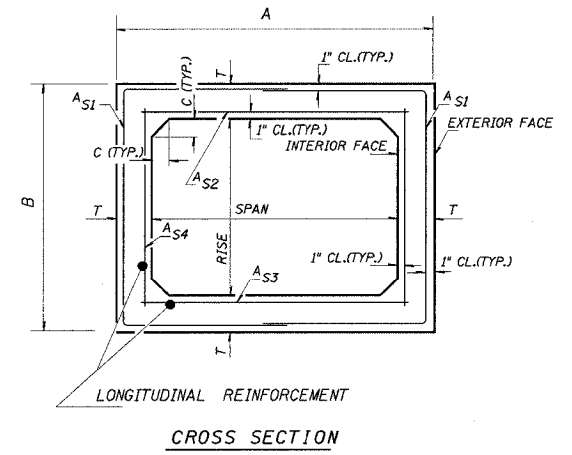
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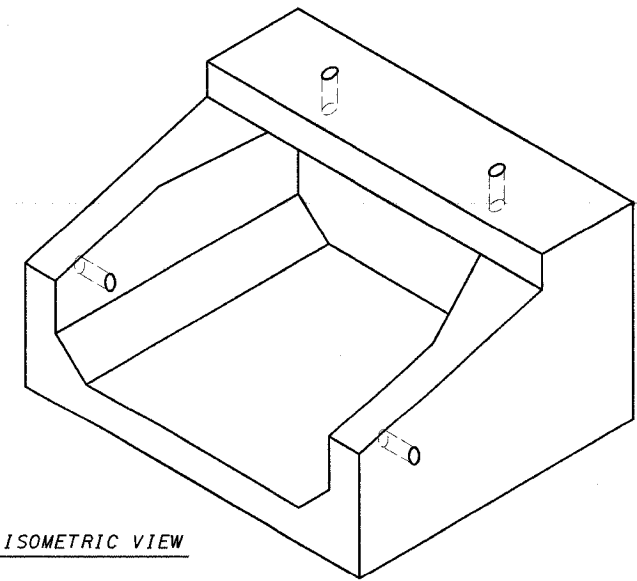
DETAIL OF PRECAST CONCRETE BOX CULVERT END SECTION

AASHTO DESIGNATION M259M
 (ASTM DESIGNATION C-789M)
 DESIGN LOADING = MS18

***NOTE: THE DIMENSIONS INDICATED ARE FOR END SECTIONS THAT ARE TO BE USED WITH PRECAST BOX CULVERT SECTIONS DESIGNED FOR 2" OR MORE OF FILL. THE DIMENSIONS MUST BE MODIFIED FOR THE END SECTION TO BE COMPATIBLE WITH PRECAST CULVERT SECTIONS DESIGNED FOR LESS THAN 2" OF FILL.



END CONNECTION TO FIT PRECAST BOX CULVERT (BELL OR SPIGOT MAY BE OMITTED WHEN COLLARING TO AN EXISTING BOX OR HEADWALL).



| CULVERT SIZE | DIMENSIONS ** | | | | | | | | | |
|--------------|------------------|-------|-------|-------|------|-------|-------|-------|-------|-------|
| | SPANxRISE (FOOT) | T | A | B | C | E | F | G | H | SLOPE |
| | | INCH | FT-IN | FT-IN | INCH | FT-IN | FT-IN | FT-IN | FT-IN | Y:X |
| 2x2 | 4 | 2-8 | 2-8 | 4 | 3-0 | 3-0 | 1-0 | 1-0 | 1:3 | |
| 3x2 | 4 | 3-8 | 2-8 | 4 | 3-0 | 3-0 | 1-0 | 1-0 | 1:3 | |
| 3x3 | 4 | 3-8 | 3-8 | 4 | 2-0 | 4-0 | 1-8 | 1-4 | 1:3 | |
| 4x2 | 5 | 4-10 | 2-10 | 5 | 3-0 | 3-0 | 1-0 | 1-0 | 1:3 | |
| 4x3 | 5 | 4-10 | 3-10 | 5 | 2-0 | 4-0 | 1-8 | 1-4 | 1:3 | |
| 4x4 | 5 | 4-10 | 4-10 | 5 | 2-0 | 4-0 | 2-0 | 2-0 | 1:2 | |
| 4x6 | 7 | 5-2 | 7-2 | 7 | 2-0 | 6-0 | 3-0 | 3-0 | 1:2 | |
| 5x2 | 5 | 5-10 | 2-10 | 6 | 3-0 | 3-0 | 1-0 | 1-0 | 1:3 | |
| 5x3 | 6 | 6-0 | 4-0 | 6 | 2-0 | 4-0 | 1-8 | 1-4 | 1:3 | |
| 5x4 | 6 | 6-0 | 5-0 | 6 | 2-0 | 4-0 | 2-0 | 2-0 | 1:2 | |
| 5x5 | 6 | 6-0 | 6-0 | 6 | 2-0 | 4-0 | 3-0 | 2-0 | 1:2 | |
| 6x2 | 7 | 7-2 | 3-2 | 7 | 3-0 | 3-0 | 1-0 | 1-0 | 1:3 | |
| 6x3 | 7 | 7-2 | 4-2 | 7 | 2-0 | 4-0 | 1-8 | 1-4 | 1:3 | |
| 6x4 | 7 | 7-2 | 5-2 | 7 | 2-0 | 4-0 | 2-0 | 2-0 | 1:2 | |
| 6x5 | 7 | 7-2 | 6-2 | 7 | | | | | | |
| 6x6 | 7 | 7-2 | 7-2 | 7 | 2-0 | 6-0 | 3-0 | 3-0 | 1:2 | |
| 7x4 | 8 | 8-4 | 5-4 | 8 | 2-0 | 4-0 | 2-0 | 2-0 | 1:2 | |
| 7x5 | 8 | 8-4 | 6-4 | 8 | | | | | | |
| 7x6 | 8 | 8-4 | 7-4 | 8 | | | | | | |
| 7x7 | 8 | 8-4 | 8-4 | 8 | | | | | | |
| 8x4 | 8 | 9-4 | 5-4 | 8 | 2-0 | 4-0 | 2-0 | 2-0 | 1:2 | |
| 8x5 | 8 | 9-4 | 6-4 | 8 | | | | | | |
| 8x6 | 8 | 9-4 | 7-4 | 8 | | | | | | |
| 8x7 | 8 | 9-4 | 8-4 | 8 | | | | | | |
| 8x8 | 8 | 9-4 | 9-4 | 8 | | | | | | |
| 9x5 | 9 | 10-6 | 6-6 | 9 | | | | | | |
| 9x6 | 9 | 10-6 | 7-6 | 9 | | | | | | |
| 9x7 | 9 | 10-6 | 8-6 | 9 | | | | | | |
| 9x8 | 9 | 10-6 | 9-6 | 9 | | | | | | |
| 9x9 | 9 | 10-6 | 10-6 | 9 | | | | | | |
| 10x5 | 10 | 11-8 | 6-8 | 10 | | | | | | |
| 10x6 | 10 | 11-8 | 7-8 | 10 | | | | | | |
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| 11x6 | 11 | 12-10 | 7-10 | 11 | | | | | | |
| 11x8 | 11 | 12-10 | 9-10 | 11 | | | | | | |
| 11x10 | 11 | 12-10 | 11-10 | 11 | | | | | | |
| 11x11 | 11 | 12-10 | 12-10 | 11 | | | | | | |
| 12x4 | 12 | 14-0 | 6-0 | 12 | | | | | | |
| 12x6 | 12 | 14-0 | 8-0 | 12 | | | | | | |
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| 12x10 | 12 | 14-0 | 12-0 | 12 | | | | | | |
| 12x12 | 12 | 14-0 | 14-0 | 12 | | | | | | |

CULVERTS WITH RISE > 6' REQUIRE CAST-IN-PLACE END SECTIONS

GENERAL NOTES

SHOP PLANS FOR THE REINFORCEMENT SHALL BE SUBMITTED IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 504.04(d) OF THE STANDARD SPECIFICATIONS.
 MINIMUM CONCRETE STRENGTH SHALL BE 5000 PSI AFTER 28 DAYS.
 THE JOINTS OF THE PRECAST BOX SECTIONS SHALL BE SEALED WITH ACCORDANCE WITH ARTICLE 542.04(d) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

THE TERMS AS1, AS2, AS3, AND AS4 DENOTE THE REQUIRED STEEL AREAS FOR REINFORCEMENT AS SPECIFIED IN AASHTO M259M. REINFORCEMENT SHALL BE WELDED WIRE FABRIC CONFORMING TO AASHTO SPECIFICATIONS M55M.
 LIFTING HOLES SHALL BE FILLED WITH CONCRETE PLUGS AND MASTIC AFTER THE END SECTIONS ARE IN PLACE.

| REVISIONS | |
|-----------|-------|
| NAME | DATE |
| JEH | 06/01 |
| rgw | 09/01 |
| | |
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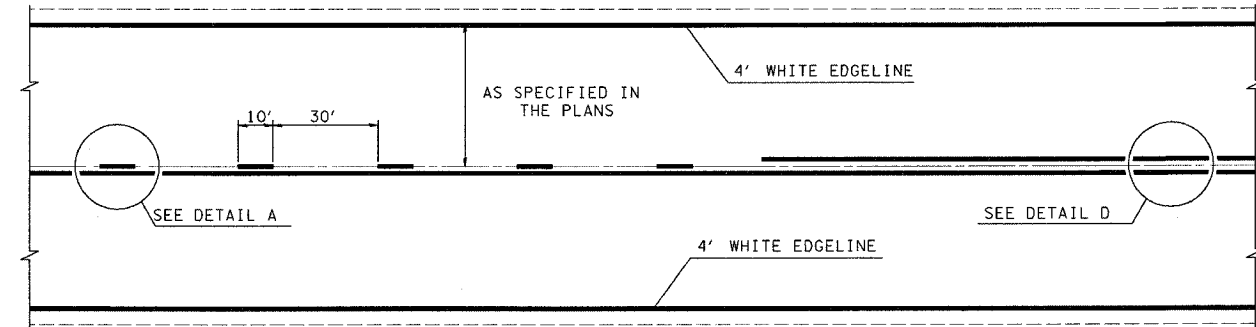
ILLINOIS DEPARTMENT OF TRANSPORTATION
DETAILS OF PRECAST CONCRETE BOX CULVERT END SECTION
 SCALE: VERT. _____ HORIZ. _____ DATE _____ REVISED: 05/28-99
 DRAWN BY _____ CHECKED BY _____

| FAP NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|------------|---------------|----------------------|-----------|
| 332 | (1012)W.RS | WHITE/EDWARDS | 198 | 65 |
| FED. ROAD DIST. NO. 1 | | ILLINOIS | FED. AID PROJECT NO. | |
| CONTRACT NO. 94652 | | | | |

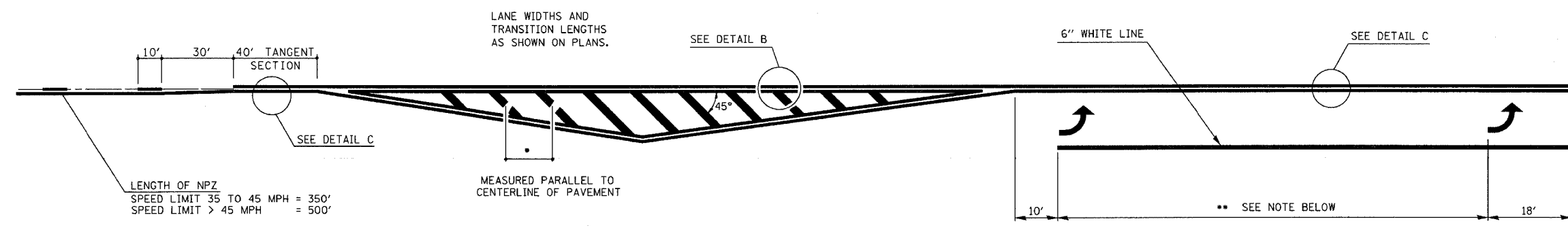
1/31/2005
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 1920122334353637
 2829303132333435
 3738 404142434445
 464748495051525354
 555657585960616263
 EPMD
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 MMO REV: 05-06-96

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|-----------------------|-----------|----------------------|--------------|-----------|
| FAP NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | (1012)WRS | WHITE/EDWARDS | 198 | 66 |
| FED. ROAD DIST. NO. 1 | STATE | FED. AID PROJECT NO. | | |

CONTRACT NO. 94652



TYPICAL CENTERLINE, NO PASSING ZONE LINE (NPZ) & EDGELINE MARKINGS
 2-LANE PAVEMENT



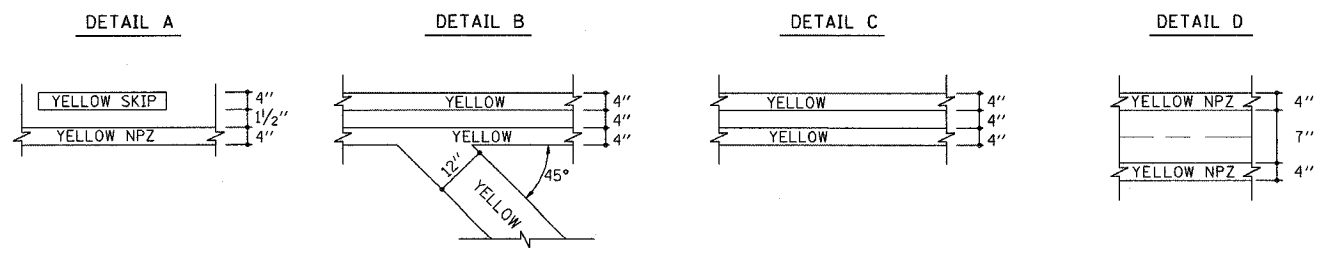
LENGTH OF NPZ
 SPEED LIMIT 35 TO 45 MPH = 350'
 SPEED LIMIT > 45 MPH = 500'

DIAGONAL SPACING

| | | |
|-------------|--------------|-------|
| SPEED LIMIT | < 30 MPH | = 15' |
| SPEED LIMIT | 30 TO 45 MPH | = 20' |
| SPEED LIMIT | > 45 MPH | = 30' |

PLACE THE FIRST ARROW EVEN WITH THE BEGINNING OF THE TURN BAY.
 PLACE ANOTHER ARROW 18' BACK FROM THE STOP BAR. IF REQUIRED,
 ADD ADDITIONAL ARROWS TO MAINTAIN A MAXIMUM OF 80' SPACING.

- NOTES:
- OMIT EDGELINE THRU SIDE ROADS.
 - TAPER RATES, LANE WIDTHS, AND STORAGE LENGTHS AS SHOWN ON THE PLANS.
 - WHEN MEDIANS ARE PRESENT, PLACE A SINGLE YELLOW STRIPE AROUND ITS PERIMETER.



NOT TO SCALE

| REVISIONS | |
|-----------|-------|
| NAME | DATE |
| MMO | 12-99 |
| DRM | 08-04 |
| | |
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| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL APPLICATION OF PAVEMENT MARKINGS
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____ ISSUED: 05-06-96
 DRAWN BY _____
 CHECKED BY _____

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 stef fenmk DATE

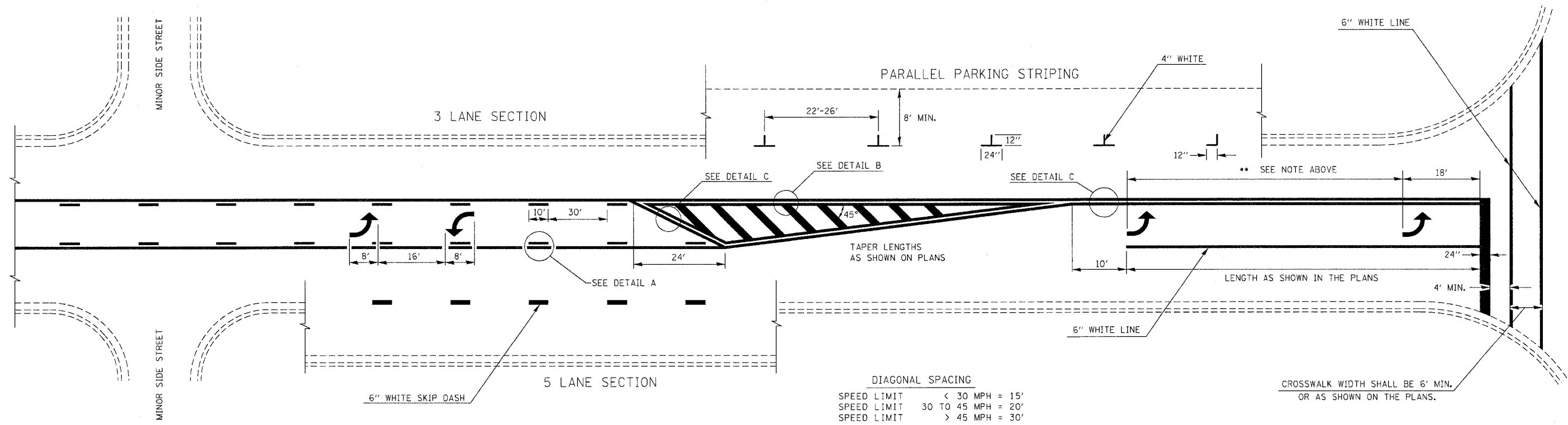
1 2 3 4 5 6 7 8 9
 10 11 12 13 14 15 16 17 18
 19 20 21 22 23 24 25 26
 27 28 29 30 31 32 33 34
 35 36 37 38 39 40 41 42 43 44 45
 46 47 48 49 50 51 52 53 54
 55 56 57 58 59 60 61 62 63

MKS 2/8/05
 \94652\d0210\ipa.dgn
 MMO REV: 05-06-96
 EPMD1

| FAP ETE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|---------------|----------------------|--------------|-----------|
| 332 (102) WRS | WHITE/EDWARDS | 198 | 66A | |
| FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT NO. | | |

CONTRACT # 94652

** PLACE THE FIRST ARROW EVEN WITH THE BEGINNING OF THE TURN BAY.
 PLACE ANOTHER ARROW 18' BACK FROM THE STOP BAR, IF REQUIRED.
 ADD ADDITIONAL ARROWS TO MAINTAIN A MAXIMUM OF 80' SPACING.

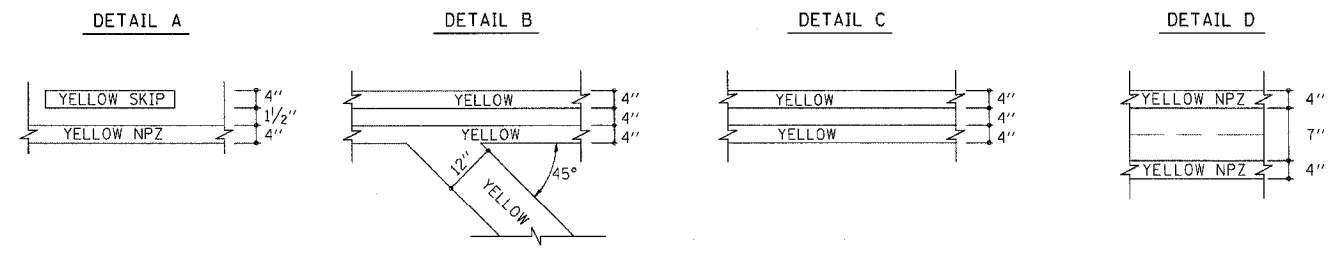


DIAGONAL SPACING

| | |
|-------------|--------------------|
| SPEED LIMIT | < 30 MPH = 15' |
| SPEED LIMIT | 30 TO 45 MPH = 20' |
| SPEED LIMIT | > 45 MPH = 30' |

TYPICAL BI-DIRECTIONAL TURN LANE MARKINGS
 (SHOWING TRANSITION TO EXCLUSIVE LEFT TURN LANE)

- NOTES:
1. NO LESS THAN 2 ARROWS SHALL BE USED.
 2. TAPER RATES, LANE WIDTHS, AND STORAGE LENGTHS AS SHOWN ON THE PLANS.
 3. AVOID PLACING BI-DIRECTIONAL ARROWS IN INTERSECTIONS.
 4. BI-DIRECTIONAL ARROWS SHALL BE SPACED A MAXIMUM OF 250'.



NOT TO SCALE

| REVISIONS | |
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| NAME | DATE |
| MMO | 12-99 |
| DRM | 08-04 |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL APPLICATION OF PAVEMENT MARKINGS
 VERT. SCALE: HORIZ. DATE
 DRAWN BY: CHECKED BY:

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 MKS 2/8/05

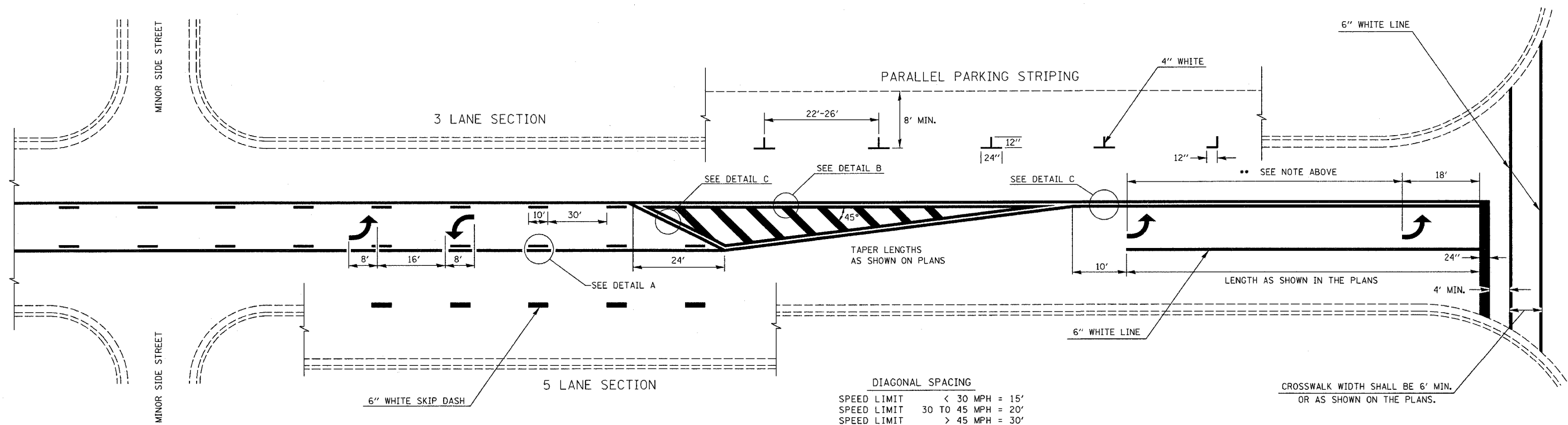
3/25/2005
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 MMD REV: 05-06-96
 EPMD1

c:\projects\94652\02101pa.dgn
 stefennk\ DATE

| FAP # | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|------------|---------------|----------------------|-----------|
| 332 | 110121W,RS | WHITE/EDWARDS | 198 | 67 |
| FED. ROAD DIST. NO. 1 | | BLINDS | FED. AID PROJECT NO. | |

CONTRACT No. 94652

** PLACE THE FIRST ARROW EVEN WITH THE BEGINNING OF THE TURN BAY.
 PLACE ANOTHER ARROW 18' BACK FROM THE STOP BAR, IF REQUIRED.
 ADD ADDITIONAL ARROWS TO MAINTAIN A MAXIMUM OF 80' SPACING.



DIAGONAL SPACING

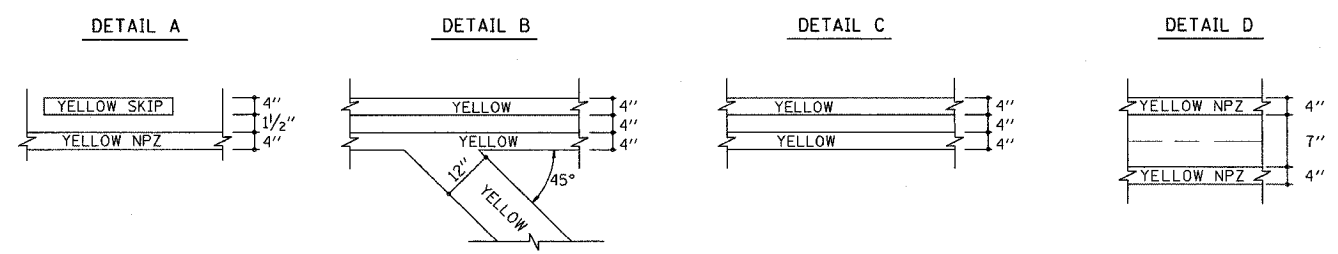
| | | |
|-------------|--------------|-------|
| SPEED LIMIT | < 30 MPH | = 15' |
| SPEED LIMIT | 30 TO 45 MPH | = 20' |
| SPEED LIMIT | > 45 MPH | = 30' |

CROSSWALK WIDTH SHALL BE 6' MIN.
 OR AS SHOWN ON THE PLANS.

TYPICAL BI-DIRECTIONAL TURN LANE MARKINGS
 (SHOWING TRANSITION TO EXCLUSIVE LEFT TURN LANE)

NOTES:

1. NO LESS THAN 2 ARROWS SHALL BE USED.
2. TAPER RATES, LANE WIDTHS, AND STORAGE LENGTHS AS SHOWN ON THE PLANS.
3. AVOID PLACING BI-DIRECTIONAL ARROWS IN INTERSECTIONS.
4. BI-DIRECTIONAL ARROWS SHALL BE SPACED A MAXIMUM OF 250'.



NOT TO SCALE

| REVISIONS | |
|-----------|-------|
| NAME | DATE |
| MMO | 12-99 |
| DRM | 08-04 |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL APPLICATION OF PAVEMENT MARKINGS
SHEET 2 OF 2

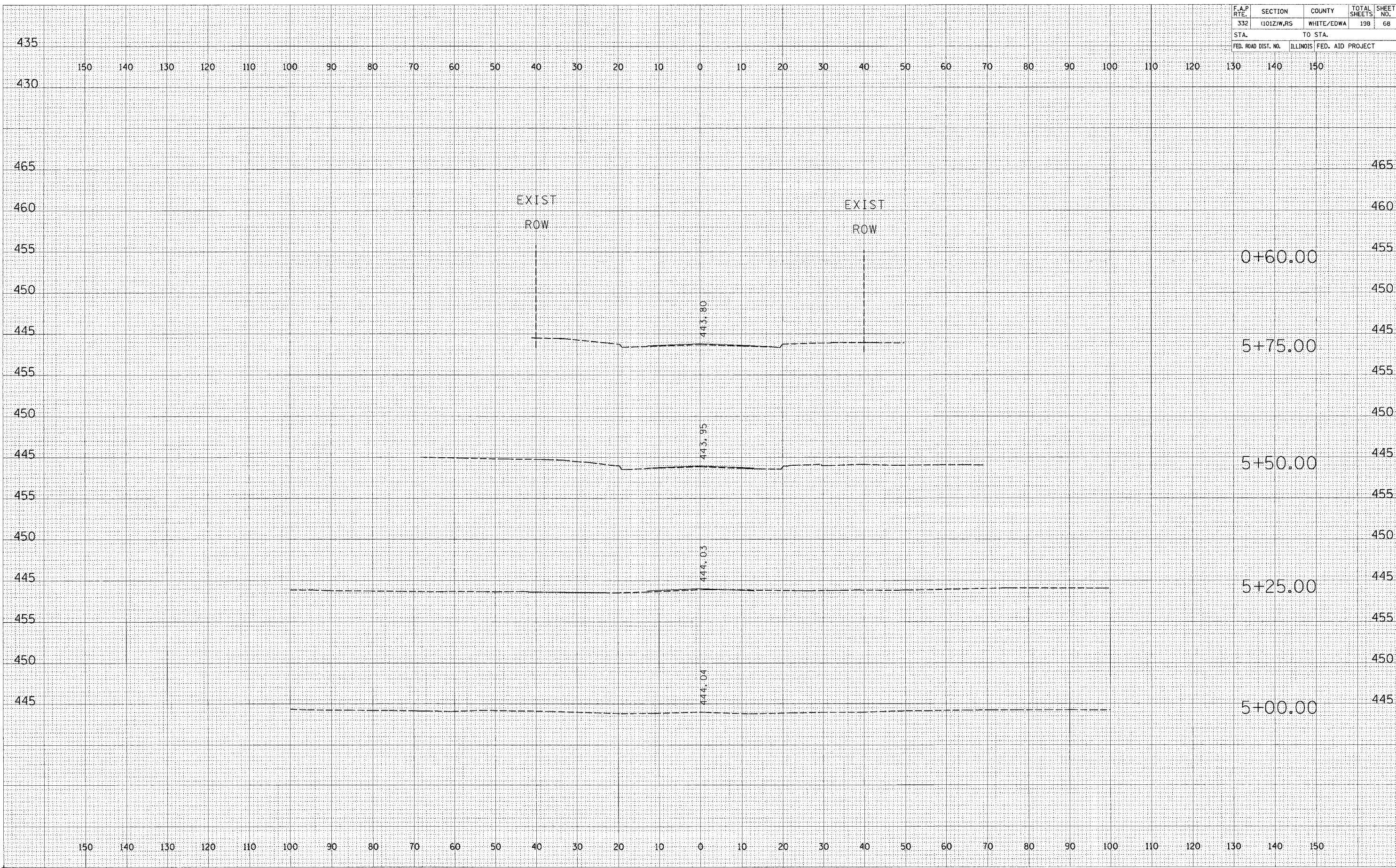
SCALE: VERT. _____
 HORIZ. _____
 DATE _____
 DRAWN BY _____
 CHECKED BY _____

Revised 3/31/05

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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | 1101Z/W,RS | WHITE/EDWA | 198 | 68 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |

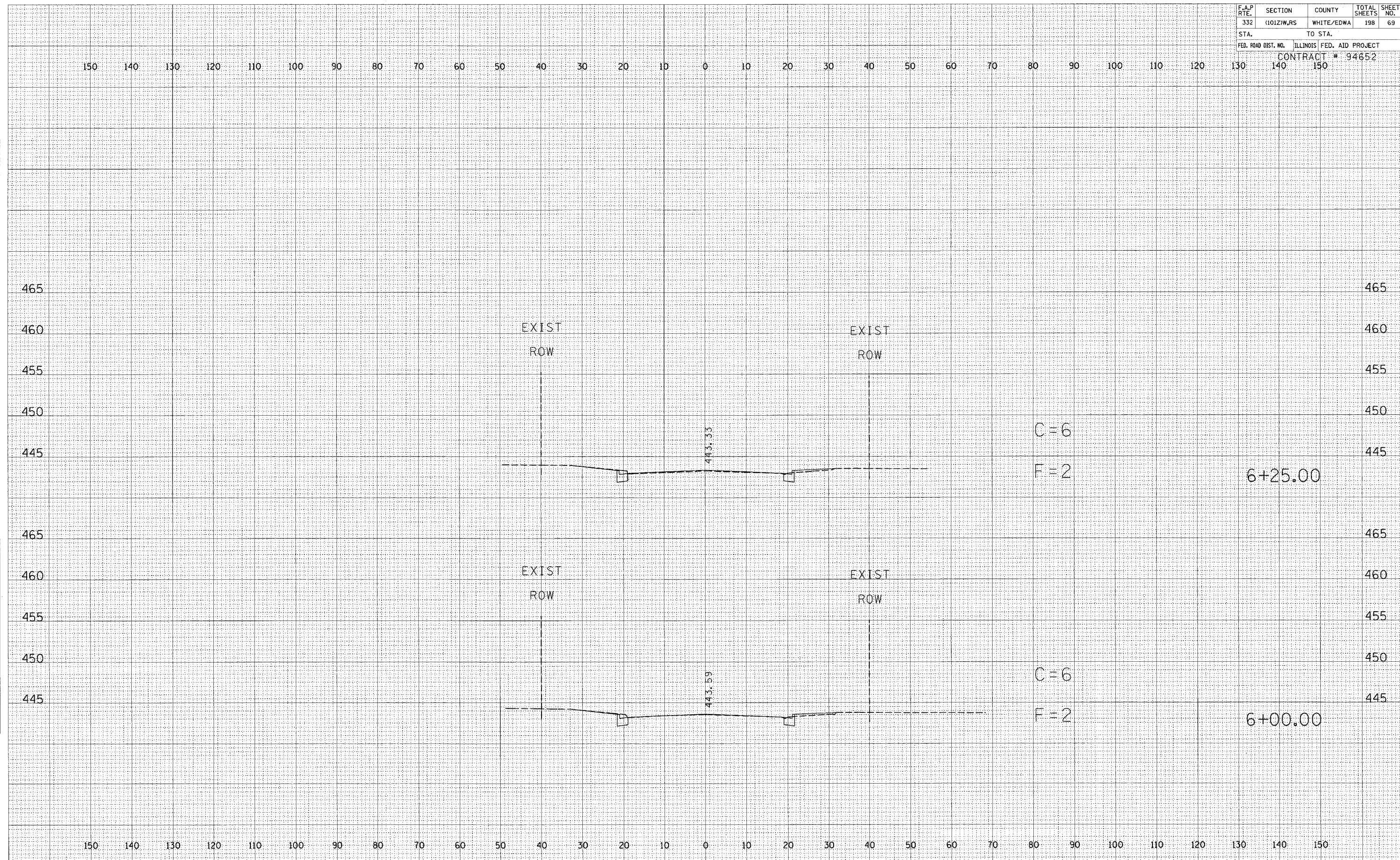
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| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
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| AREAS CHECKED | |

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



STATION 5+00 TO STATION 5+75

| | | | | |
|---------------------|------------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | (1012)W,RS | WHITE/EDWA | 198 | 69 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| | | CONTRACT # 94652 | | |



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

DATE: _____
 BY: _____
 SURVEYED: _____
 PLOTTED: _____
 CHECKED: _____
 ORIGINAL SURVEY NOTE BOOK NO. _____
 AREAS CHECKED: _____

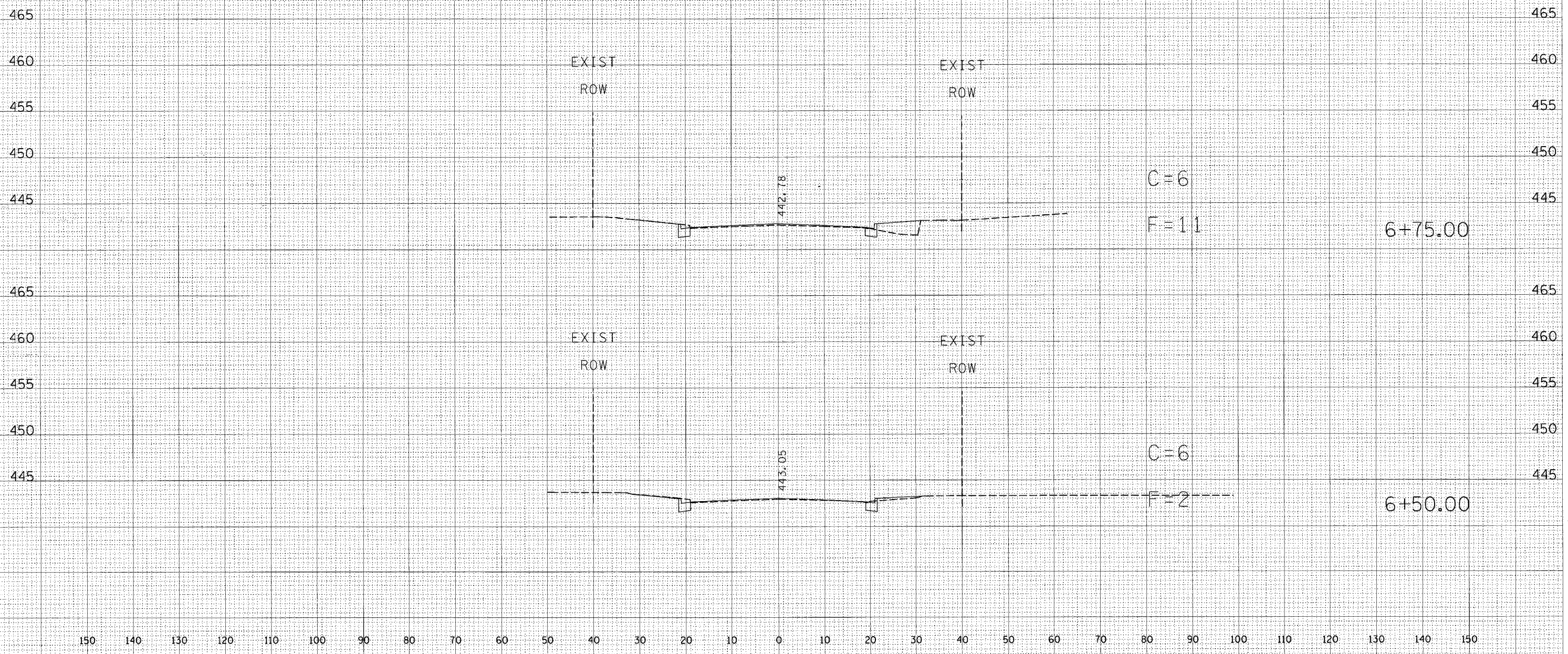
STATION 6+00 TO STATION 6+25

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|---------------------|------------|---------------------------|--------------|-----------|
| F.A.P. RITE: | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | (1012)W,RS | WHITE/EDWA | 198 | 70 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| | | CONTRACT # 94652 | | |
| | 130 | 140 | 150 | |

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

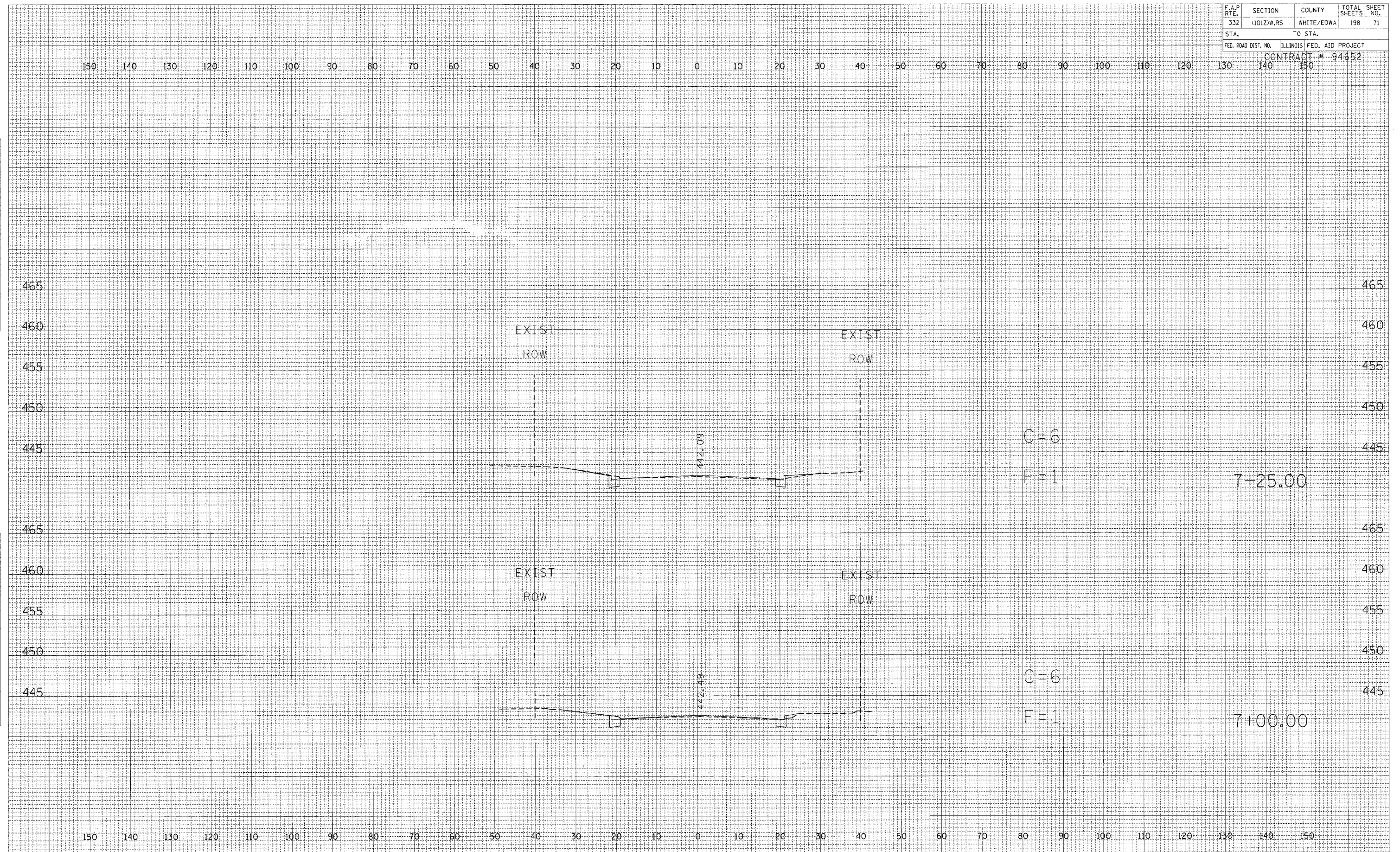
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|-----------------|---------------|
| BY | DATE |
| | |
| ORIGINAL SURVEY | SURVEYED |
| NOTE BOOK | PLOTTED |
| NO. | TEMPLATE |
| | AREAS CHECKED |

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



STATION 6+50 TO STATION 6+75

| | | | | |
|---------------------|----------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | 1012W,RS | WHITE/EDWA | 198 | 71 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| 130 | | CONTRACT # 94652 | | |
| 140 | | 150 | | |



DATE _____ BY _____

FINAL SURVEY _____

PLOTTED _____

NOTE BOOK NO. _____

AREAS CHECKED _____

DATE _____ BY _____

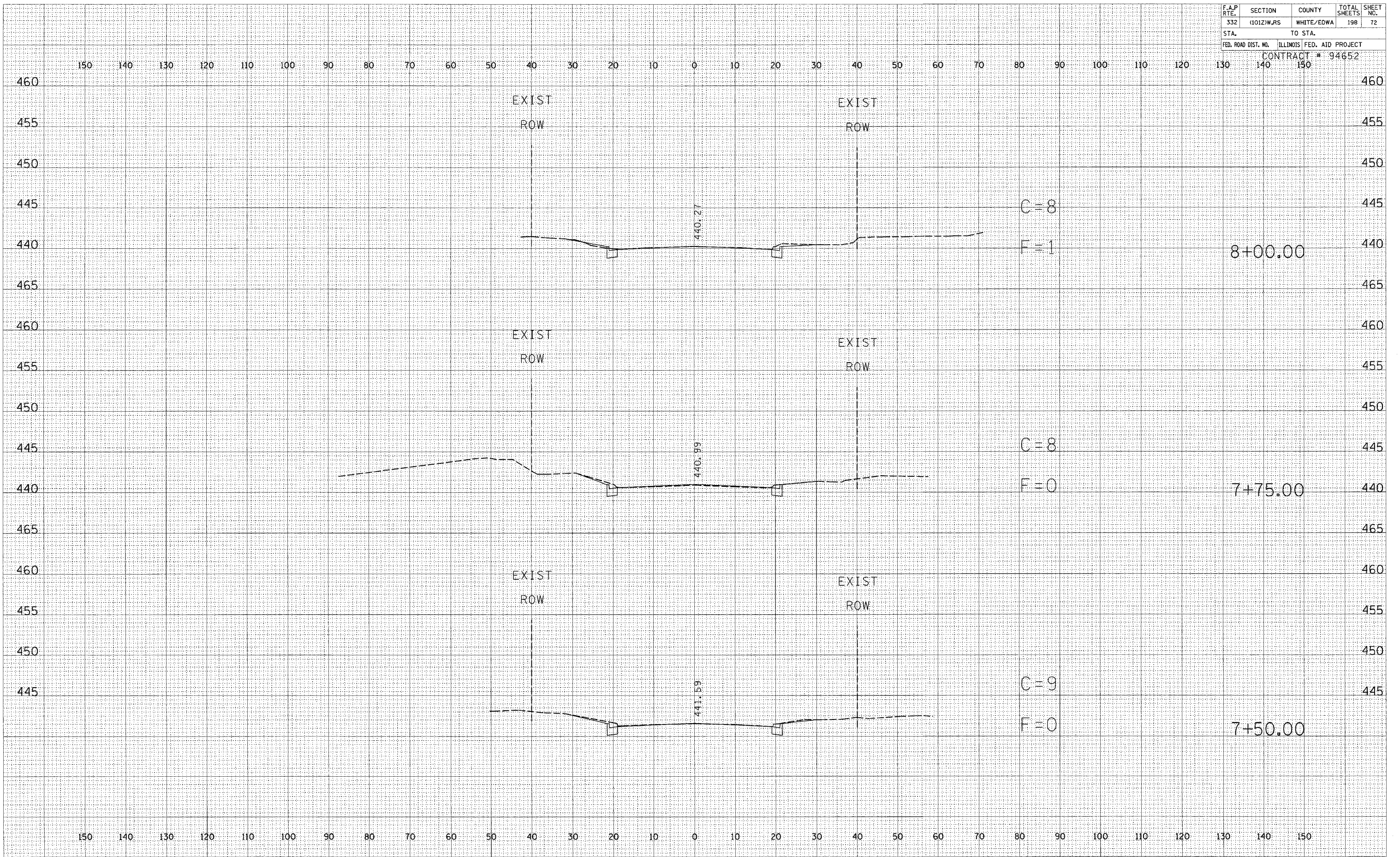
ORIGINAL SURVEY _____

PLOTTED _____

NOTE BOOK NO. _____

AREAS CHECKED _____

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|---------------------|-------------|------------|------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | (101Z)W.R.S | WHITE/EDWA | 198 | 72 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |
| CONTRACT # 94652 | | | | |

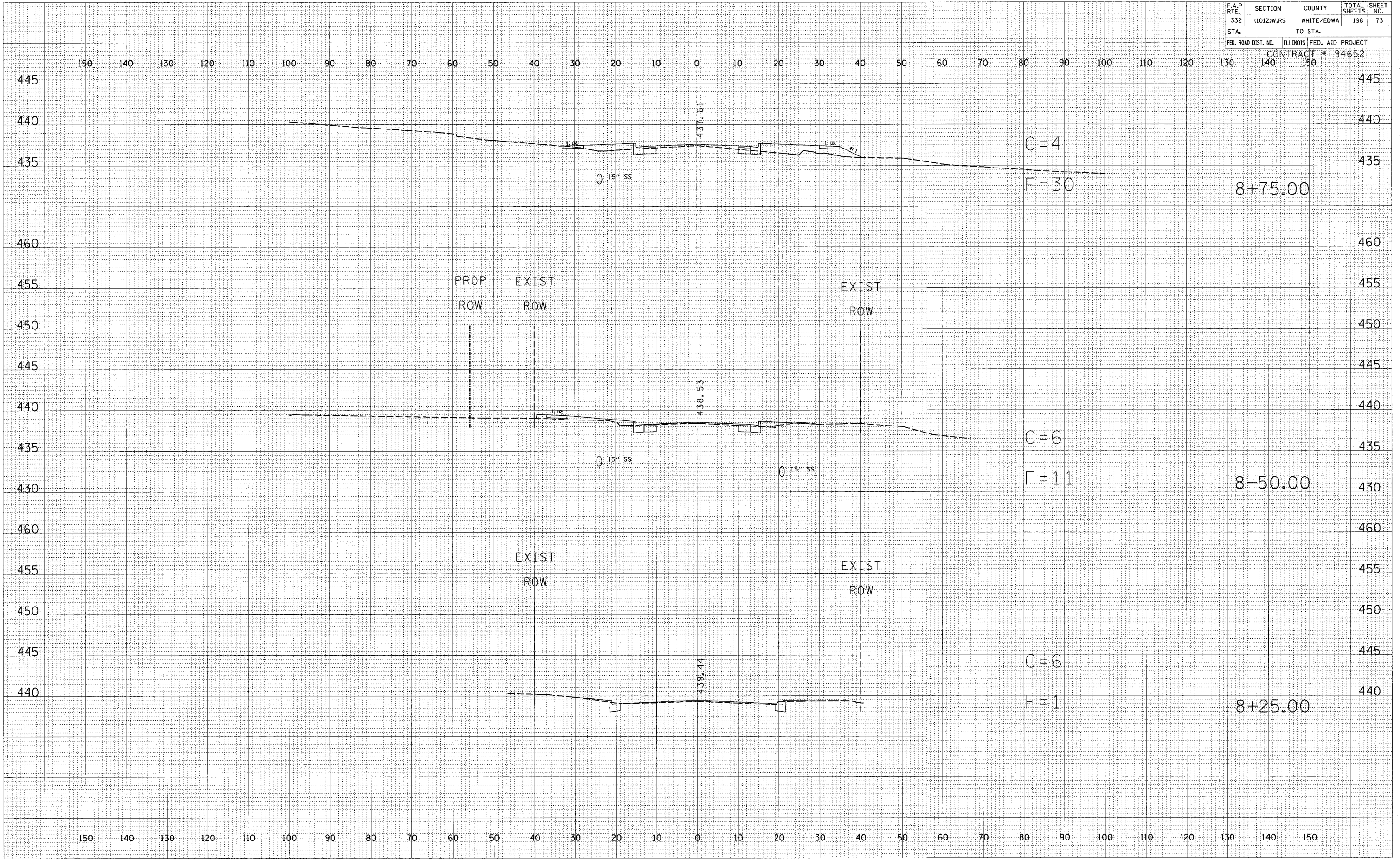


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| FINAL SURVEY | SURVEYED |
| NOTE BOOK | PLOTTED |
| NO. | TEMPLATE |
| | AREAS CHECKED |

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

STATION 7+50 TO STATION 8+00

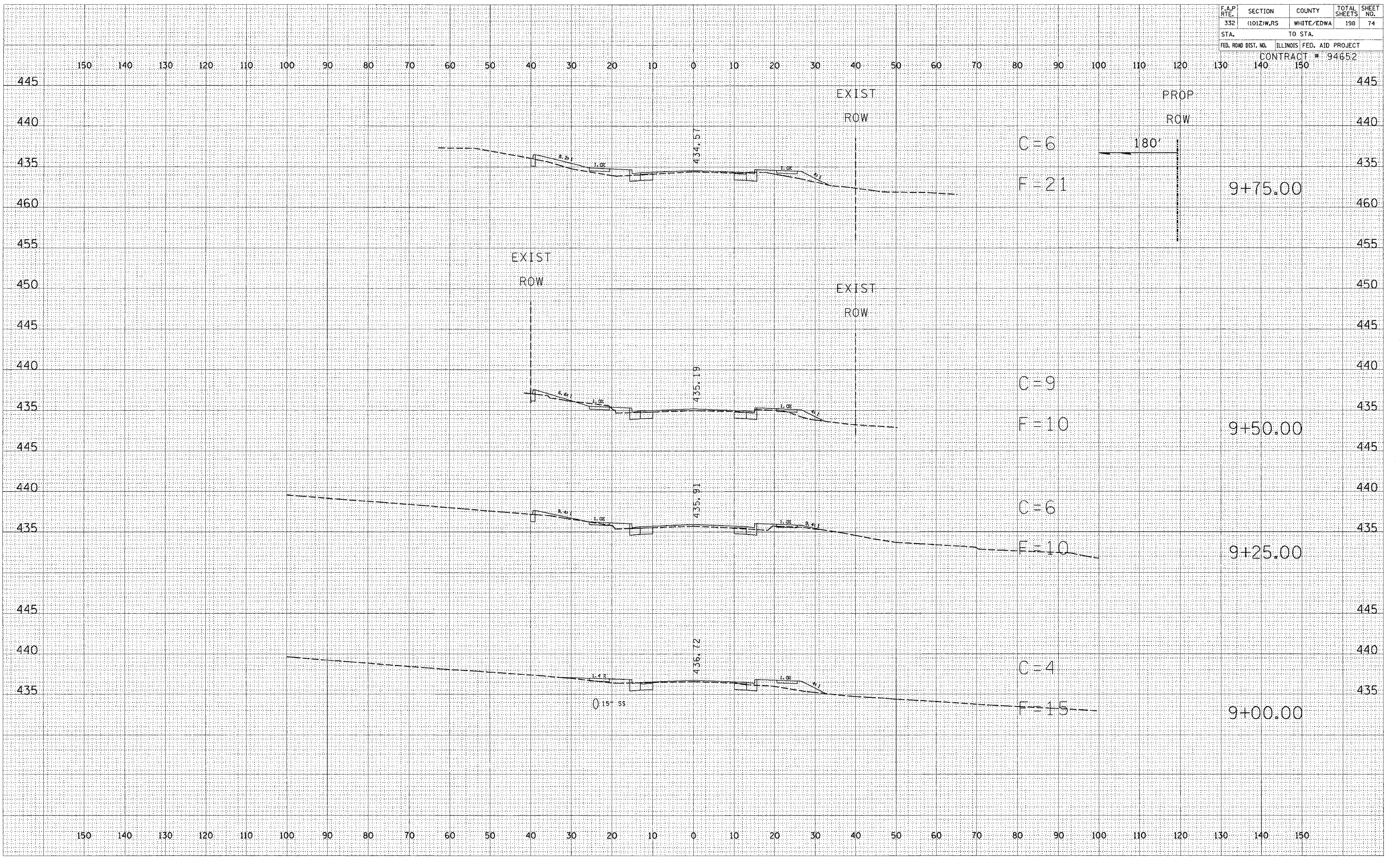
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|---------------------|------------|------------------|------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | 11012/W.RS | WHITE/EDWA | 198 | 73 |
| STA. | TO STA. | | CONTRACT # 94652 | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |



BY _____ DATE _____
 SURVEYED _____
 PLOTTED _____
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 NO. _____

BY _____ DATE _____
 SURVEYED _____
 PLOTTED _____
 CHECKED _____
 NO. _____

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|---------------------|------------|------------------|------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | 11012/W,RS | WHITE/EDWA | 198 | 74 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | CONTRACT # 94652 | |



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| BY | DATE |
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| FINAL SURVEY | |
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| BY | DATE |
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| AREAS CHECKED | |

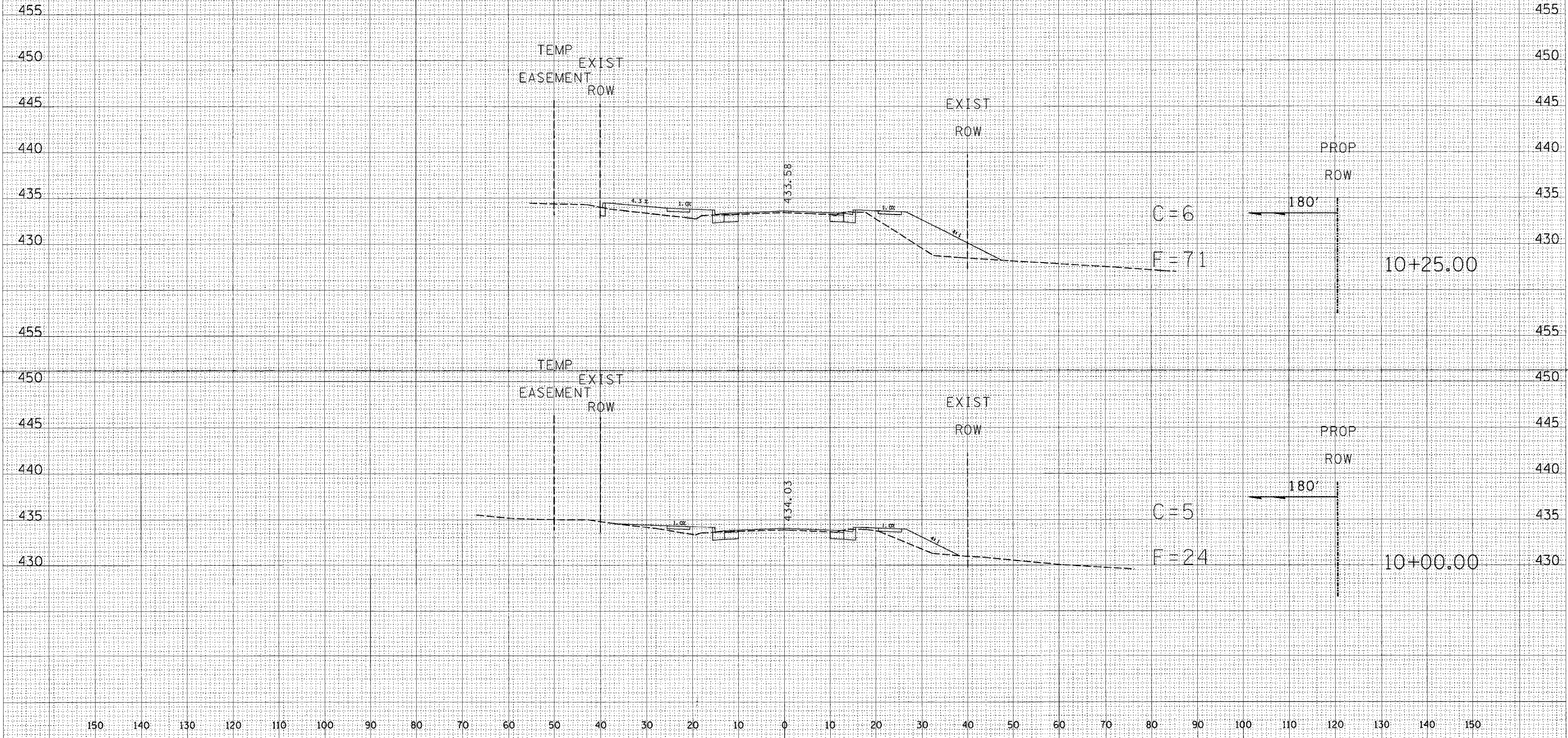
STATION 9+00 TO STATION 9+75

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|---------------------|------------|---------------------------|--------------|-----------|
| F.A.P. RITE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | 11012/W,RS | WHITE/EDWA | 198 | 75 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT # 94652 | | | | |

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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

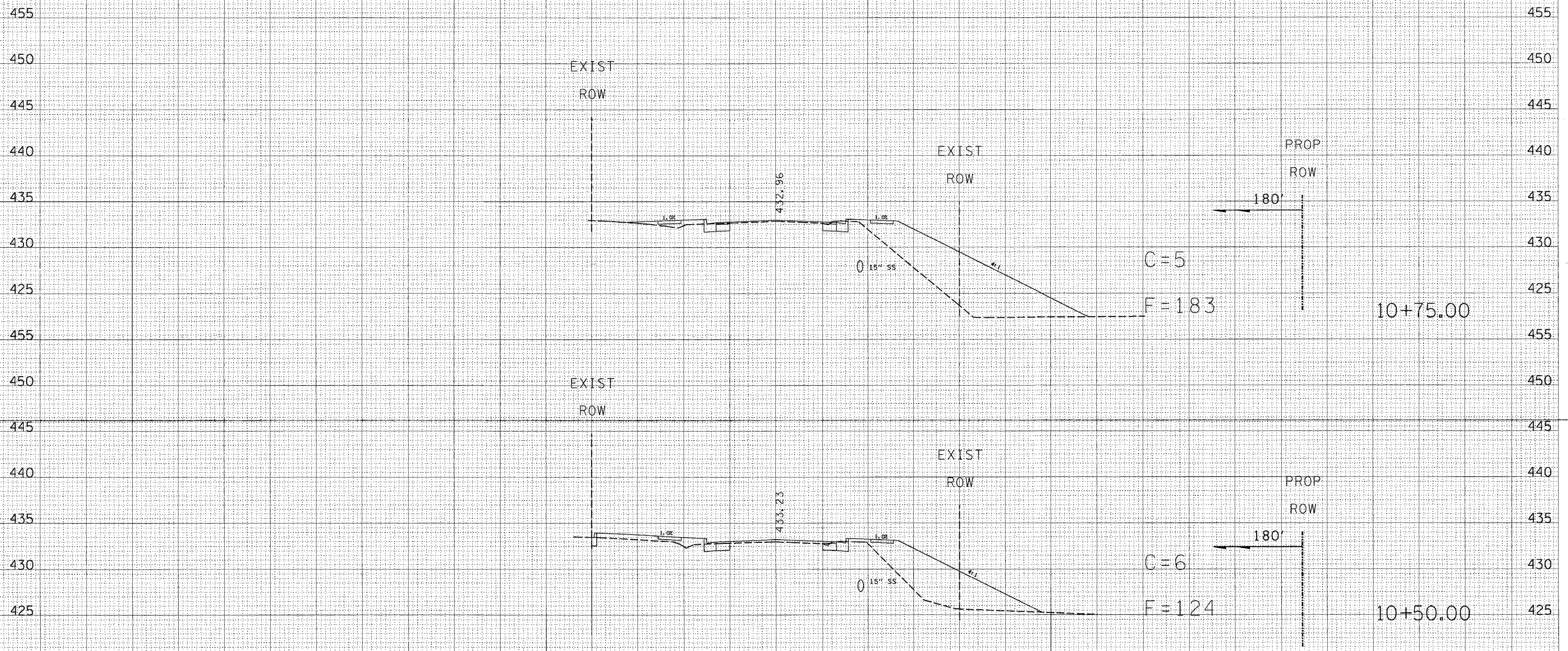


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STATION 10+00 TO STATION 10+25

| | | | | |
|---------------------|------------|---------------------------|------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | (101Z)W,RS | WHITE/EDWA | 198 | 76 |
| STA. TO STA. | | | CONTRACT # 94652 | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |

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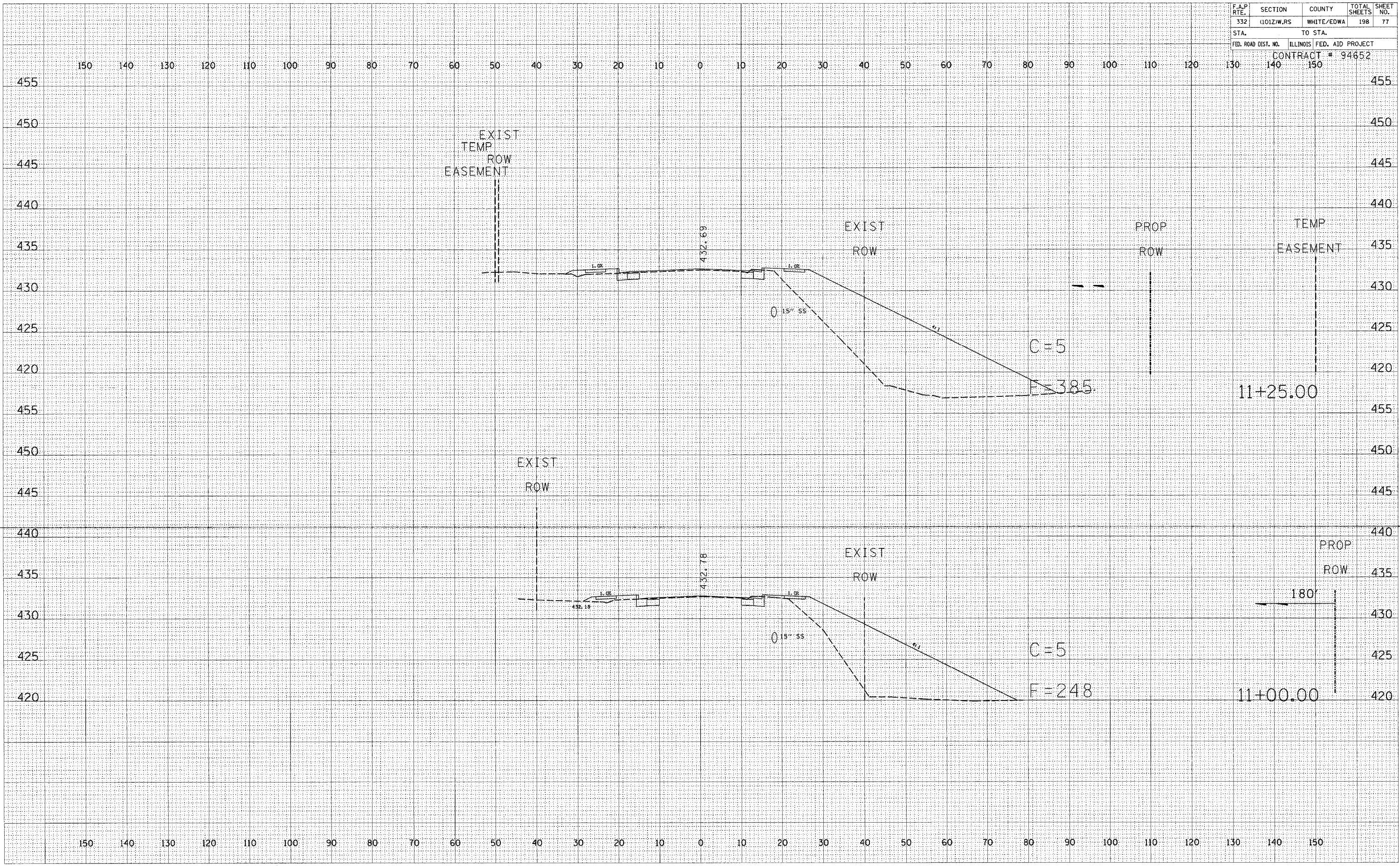


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STATION 10+50 TO STATION 10+75

| | | | | |
|---------------------|------------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | (1012)W.RS | WHITE/EDWA | 198 | 77 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT # 94652 | | | | |



BY: _____ DATE: _____

FINAL SURVEY SURVEYED, PLOTTED, TEMPLATE, NOTE BOOK, AREAS CHECKED

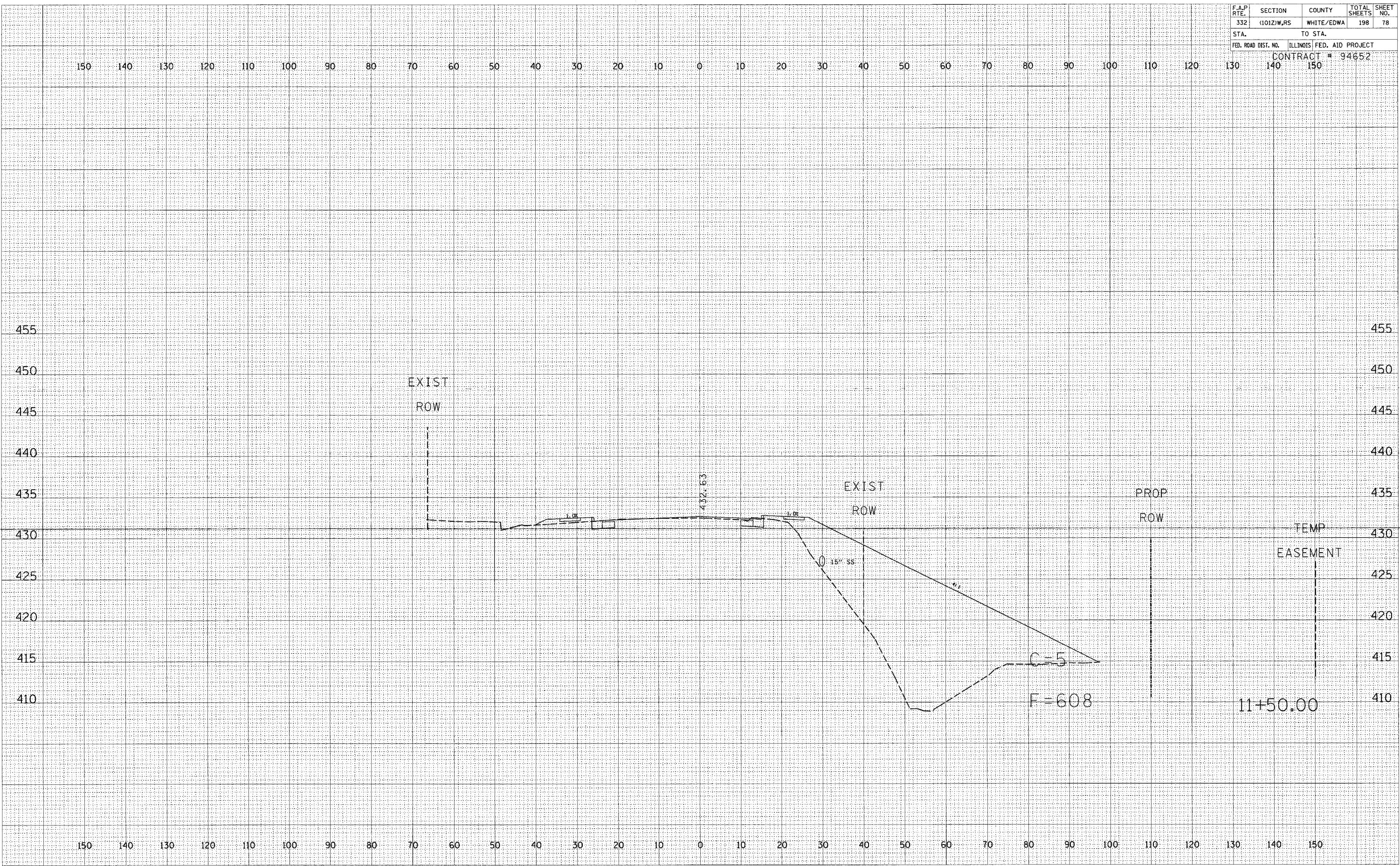
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ORIGINAL SURVEY SURVEYED, PLOTTED, TEMPLATE, NOTE BOOK, AREAS CHECKED

| | | | | |
|---------------------|------------|---------------------------|--------------|-----------|
| F.A.P. RITE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | 110121W,RS | WHITE/EDWA | 198 | 78 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| | | CONTRACT # 94652 | | |

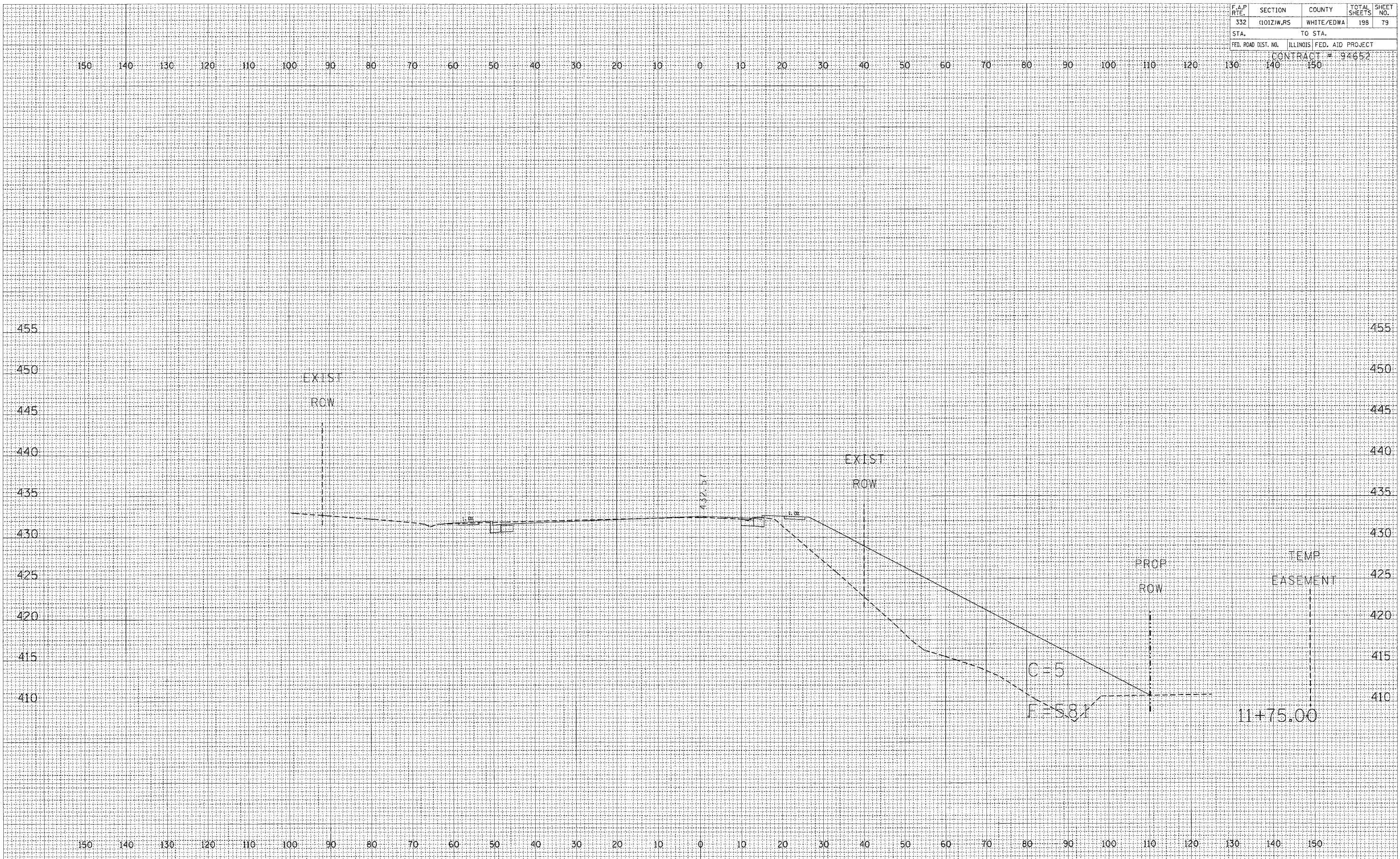
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| DATE | BY |
| | |
| SURVEYED | |
| PLOTTED | |
| NOTE BOOK | |
| AREAS CHECKED | |
| NO. | |

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



STATION 11+50

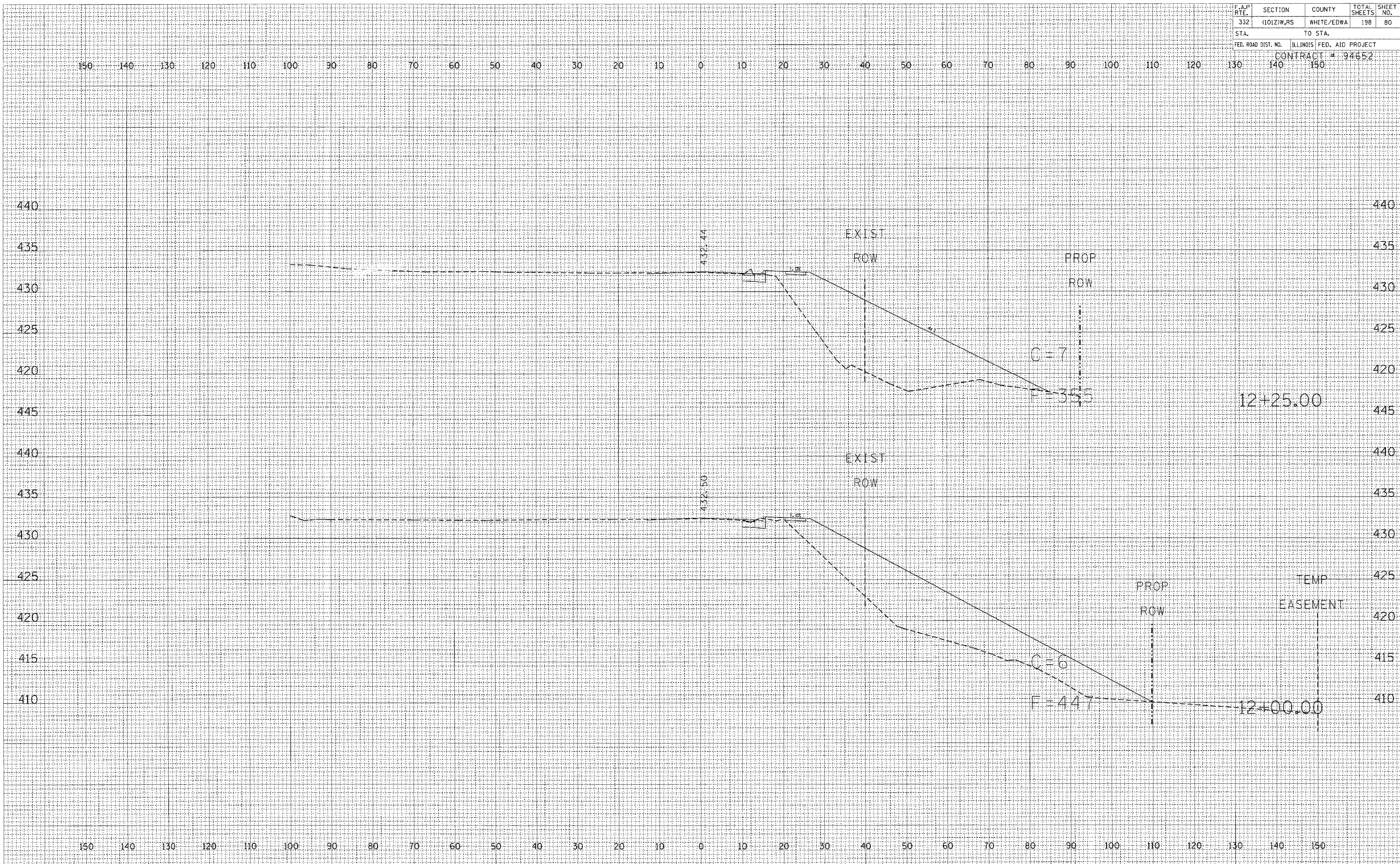
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|-----------|---------------------------|--------------|-----------|
| 332 | 11012W,RS | WHITE/EDWA | 198 | 79 |
| STA. TO STA. | | | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT # 94652 | | | | |



DATE: _____
BY: _____
FINAL SURVEY: _____
SURVEY: _____
PLOTTED: _____
EMULATE: _____
NOTE BOOK: _____
AREAS CHECKED: _____

DATE: _____
BY: _____
ORIGINAL SURVEY: _____
SURVEY: _____
PLOTTED: _____
EMULATE: _____
NOTE BOOK: _____
AREAS CHECKED: _____

| | | | | |
|---------------------|------------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | (1012)W,RS | WHITE/EDWA | 198 | 80 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| | | CONTRACT # 94652 | | |

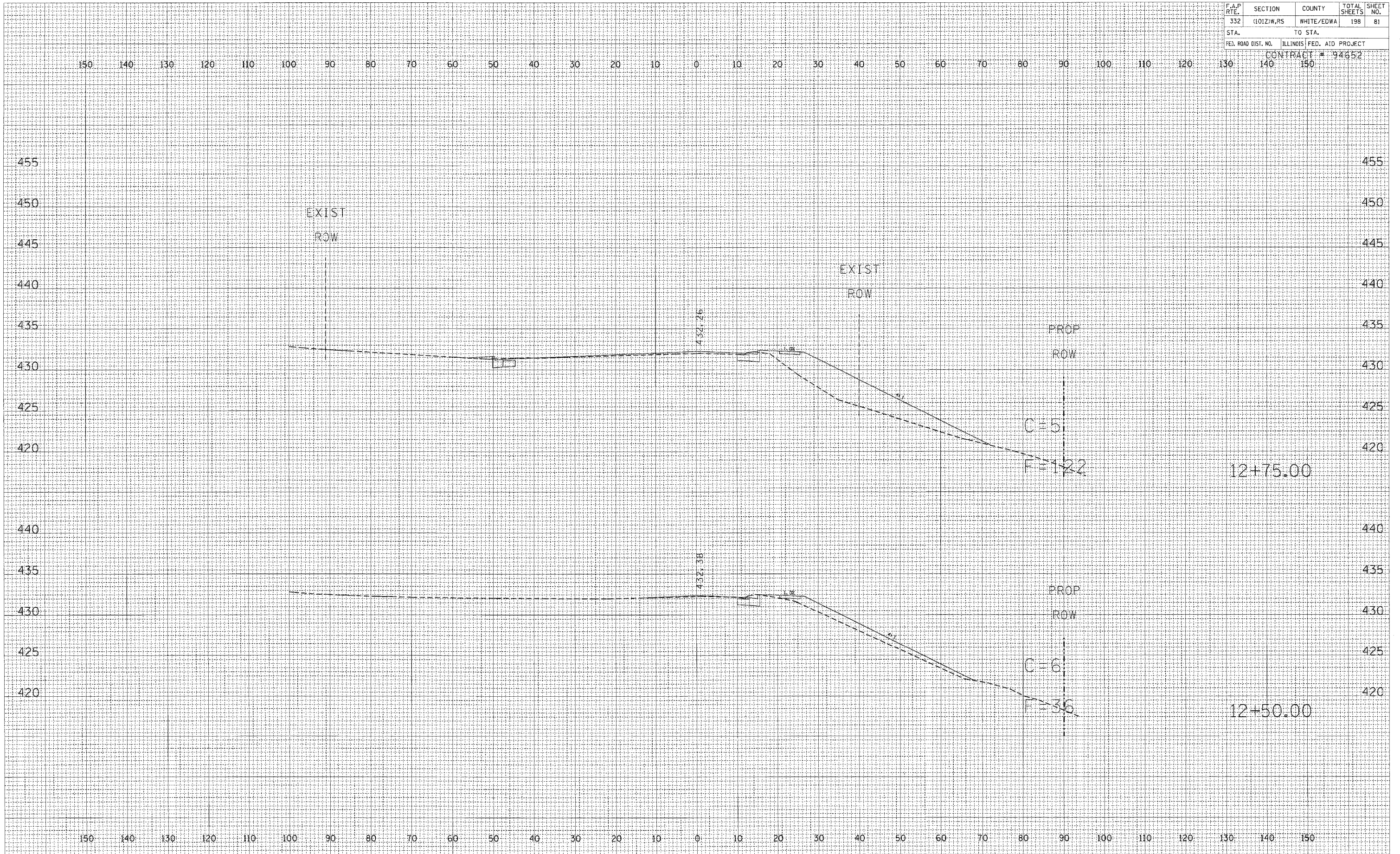


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| BY | DATE |
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| FINAL SURVEY | SURVEYED |
| NOTE BOOK | PLOTTED |
| NO. | TEMPLATE |
| | AREAS CHECKED |

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

STATION 12+00 TO STATION 12+25

| | | | | |
|---------------------|------------|---------------------------|--------------|-----------|
| F.A.P. NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | (1012)W,RS | WHITE/EDWA | 198 | 81 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT # 94652 | | | | |



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| FINAL SURVEY | DATE |
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| NOTE BOOK | NO. |
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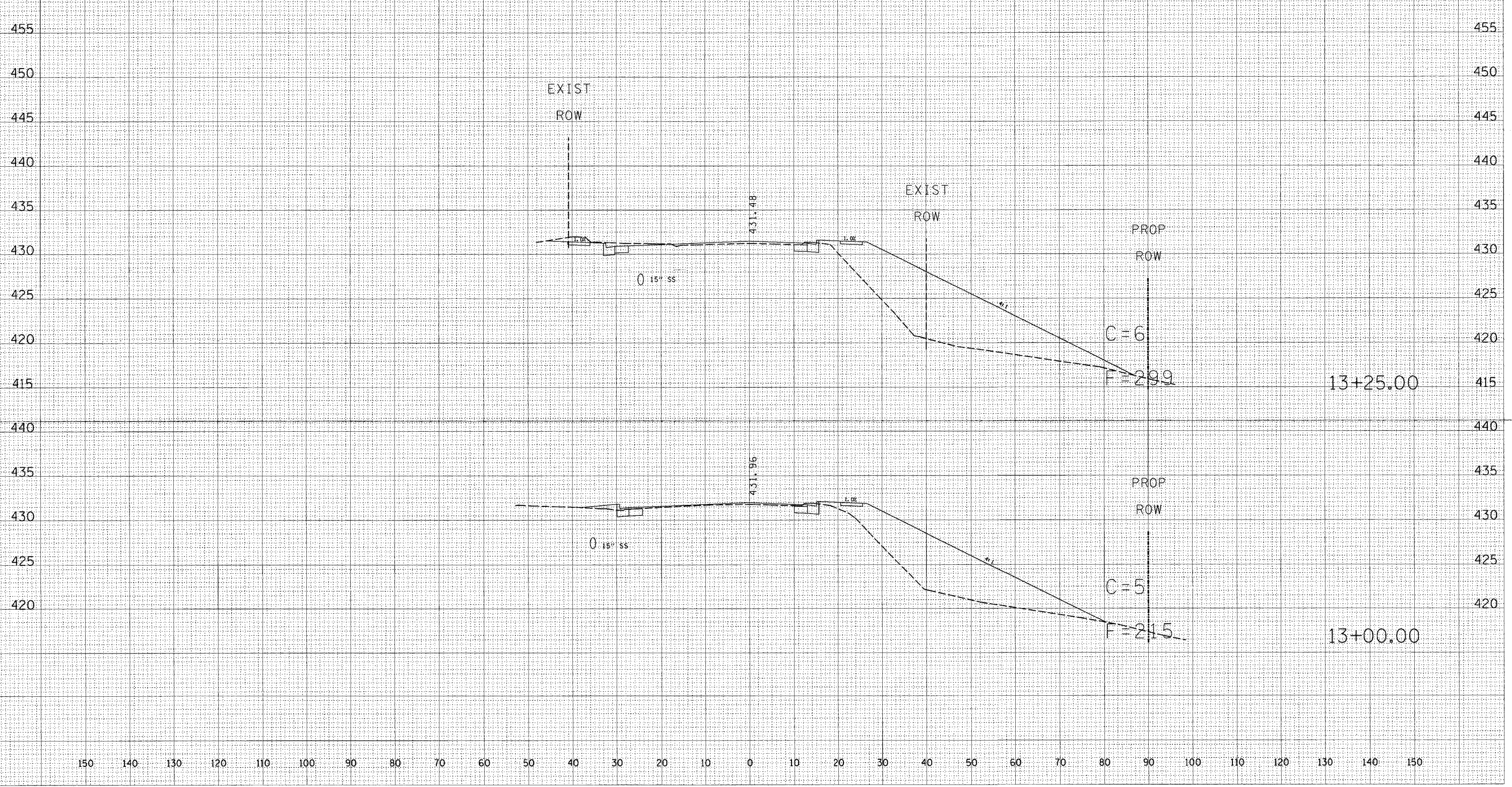
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| BY | DATE |
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| ORIGINAL SURVEY | DATE |
| | |
| NOTE BOOK | NO. |
| | |

STATION 12+50 TO STATION 12+75

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|------------|---------------------------|--------------|-----------|
| 332 | (1012)W.RS | WHITE/EDWA | 198 | 82 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |

CONTRACT # 94652

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



DATE: _____ BY: _____
 SUPERVISOR: _____
 CHECKED: _____
 FINISHED: _____
 ORIGINAL SURVEY NOTE BOOK NO. _____

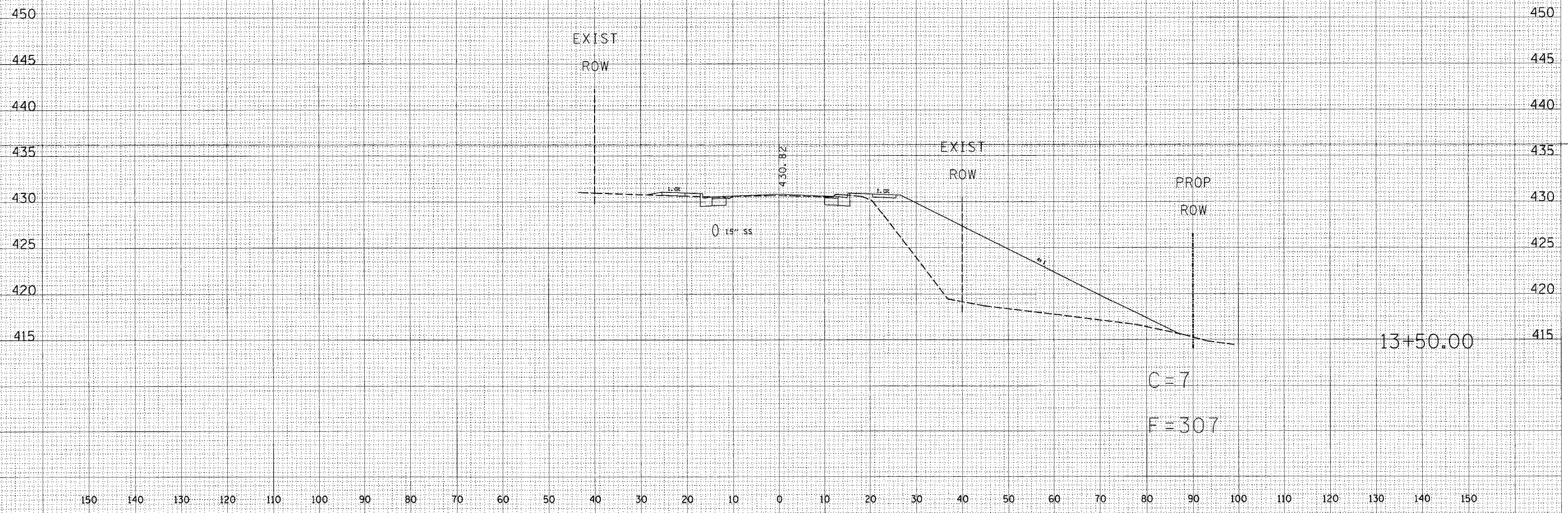
DATE: _____ BY: _____
 SUPERVISOR: _____
 CHECKED: _____
 FINISHED: _____
 ORIGINAL SURVEY NOTE BOOK NO. _____

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

STATION 13+00 TO STATION 13+25

| | | | | |
|---------------------|------------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | (1012)W.RS | WHITE/EDWA | 198 | 83 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| | | CONTRACT # 94652 | | |

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



STATION 13+50

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

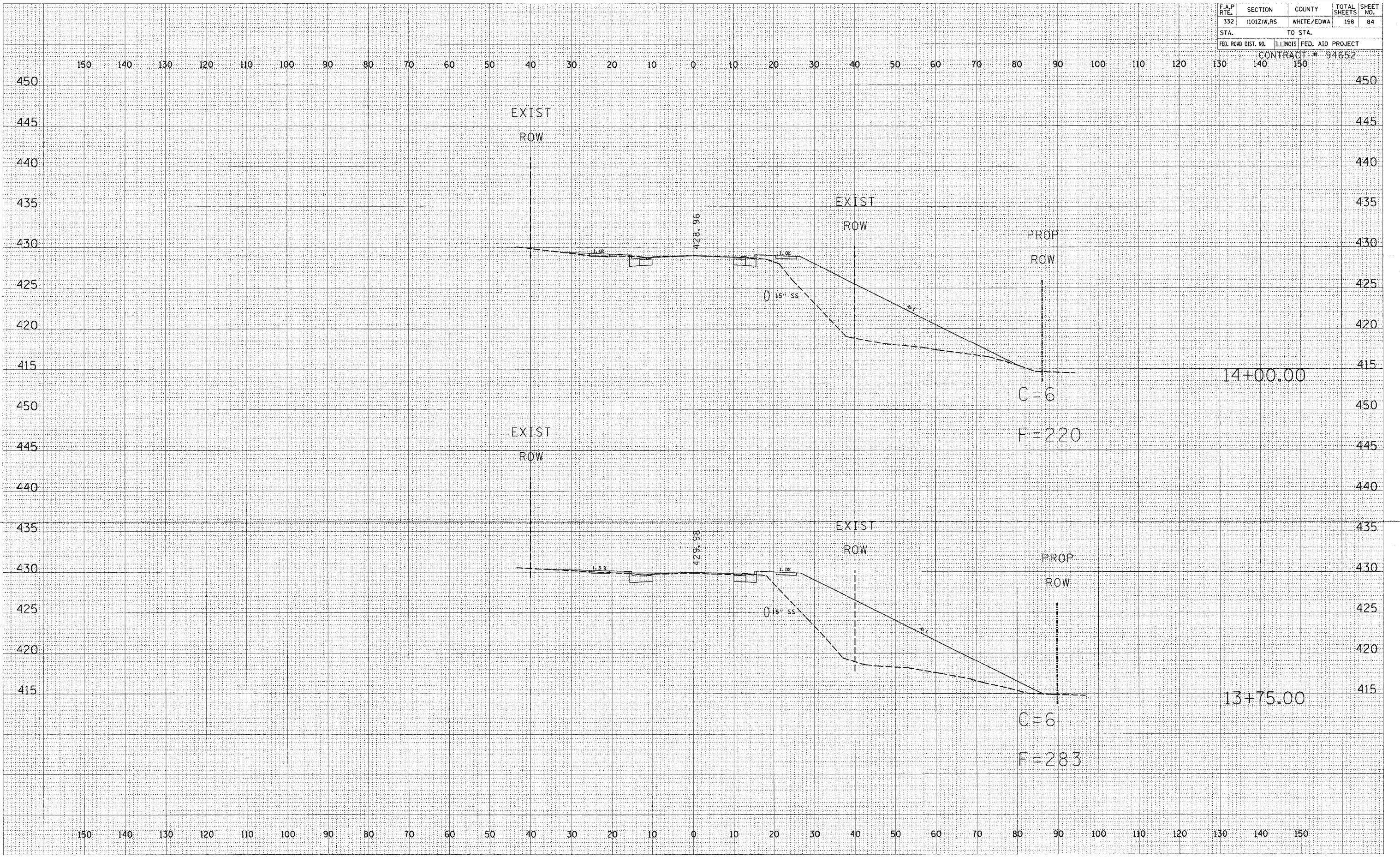
SURVEYED
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 TEMPLATE
 AREAS CHECKED
 AREAS CHECKED

FINAL SURVEY NOTE BOOK NO. _____

| | |
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| DATE | BY |
| | |
| DATE | BY |
| | |

ORIGINAL SURVEY NOTE BOOK NO. _____
 SURVEYED
 PLOTTED
 TEMPLATE
 AREAS CHECKED
 AREAS CHECKED

| | | | | |
|---------------------|------------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | (1012)W,RS | WHITE/EDWA | 198 | 84 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT # 94652 | | | | |



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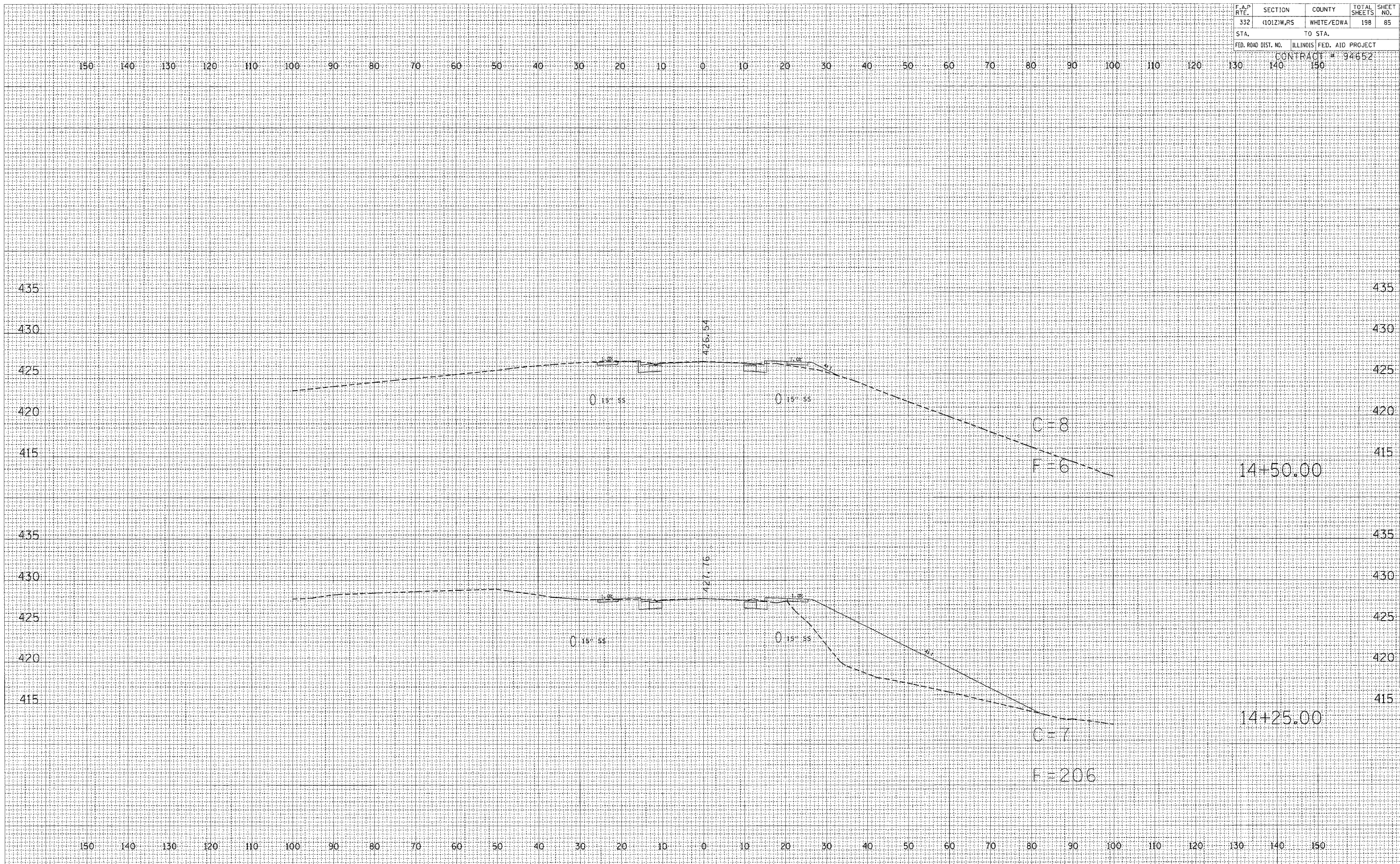
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| BY | DATE |
| | |
| ORIGINAL SURVEYED | PLOTTED |
| | |
| NOTE BOOK | AREAS CHECKED |
| | |

STATION 13+75 TO STATION 14+00

| | | | | |
|---------------------|------------|------------|------------------|-----------|
| F.A.P. R.T.E. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | (1012)W,RS | WHITE/EDWA | 198 | 85 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |
| CONTRACT # 94652 | | | | |

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| FINAL SURVEY | SURVEYED |
| NOTE BOOK | BLOTTED |
| NO. | TEMPLATE |
| | AREAS CHECKED |

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

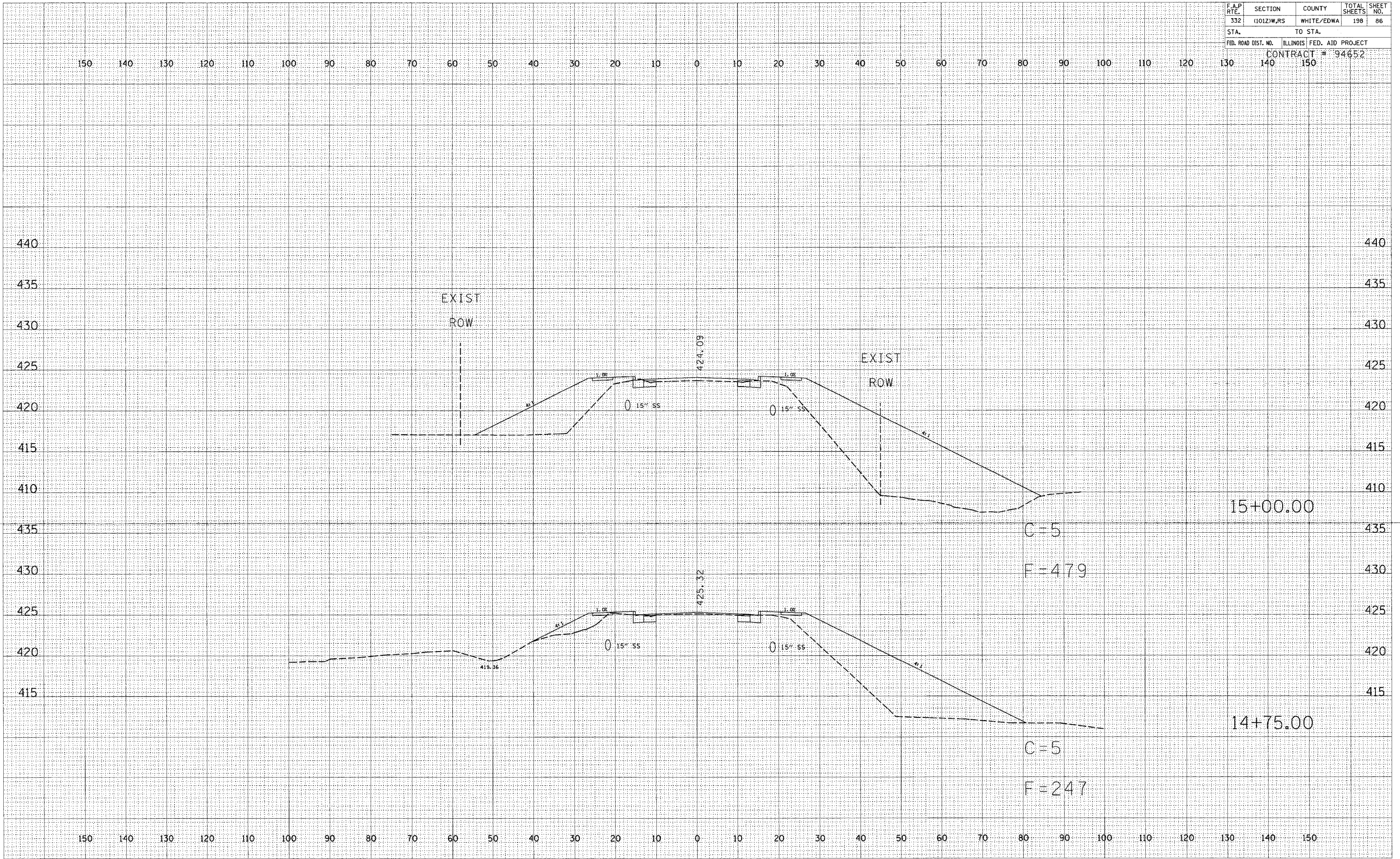


STATION 14+25 TO STATION 14+50

| | | | | |
|---------------------|------------|------------------|------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | (1012)W,RS | WHITE/EDWA | 198 | 86 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | CONTRACT # 94652 | |
| | 140 | 150 | | |

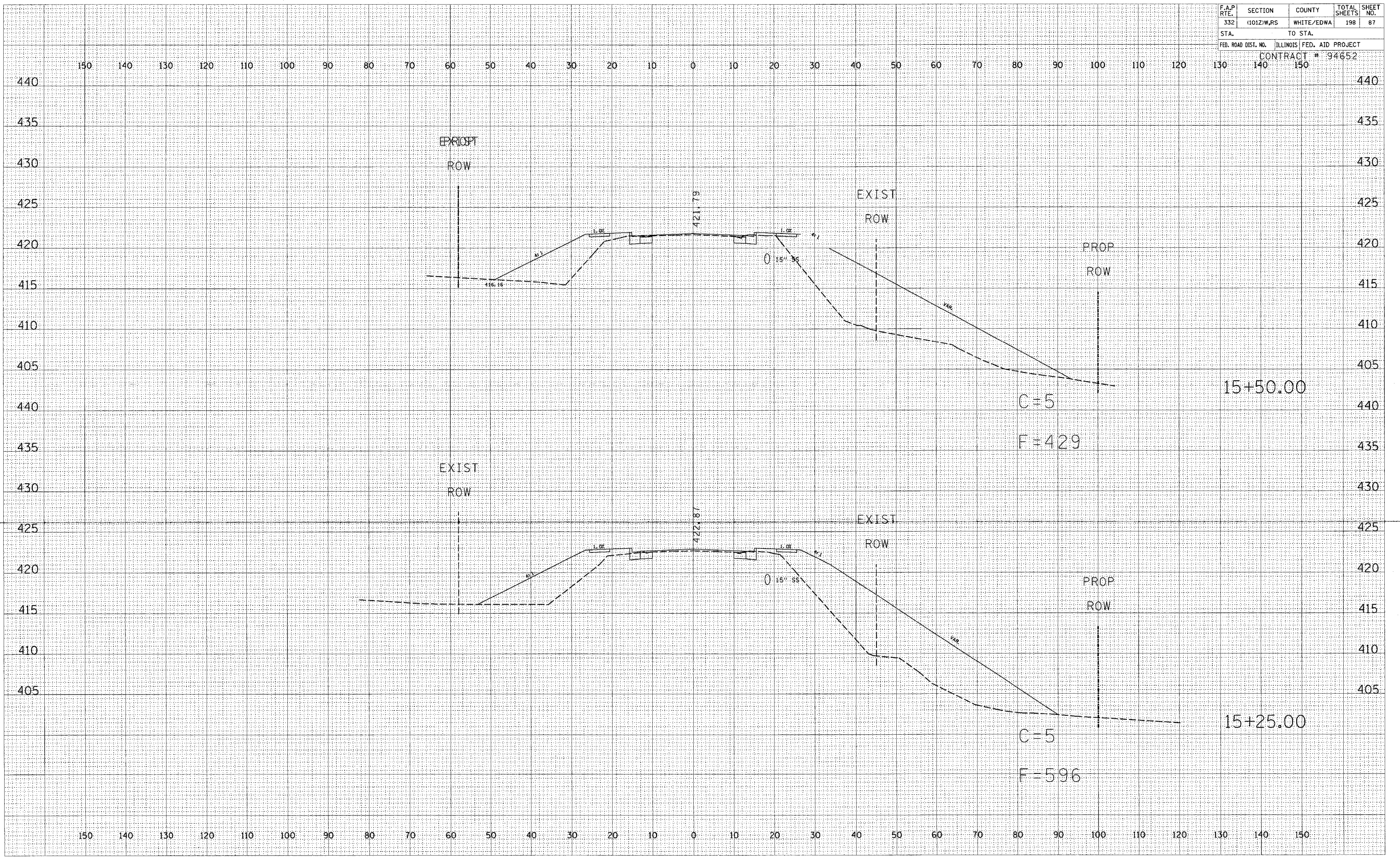
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| DATE | |
| BY | |
| FINAL SURVEY | |
| SURVEYED | |
| PLOTTED | |
| REPLATE | |
| NOTE BOOK | |
| AREAS CHECKED | |

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| DATE | |
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| ORIGINAL SURVEY | |
| SURVEYED | |
| PLOTTED | |
| REPLATE | |
| NOTE BOOK | |
| AREAS CHECKED | |



STATION 14+75 TO STATION 15+00

| | | | | |
|---------------------|------------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | 11012/W,RS | WHITE/EDWA | 198 | 87 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT # 94652 | | | | |



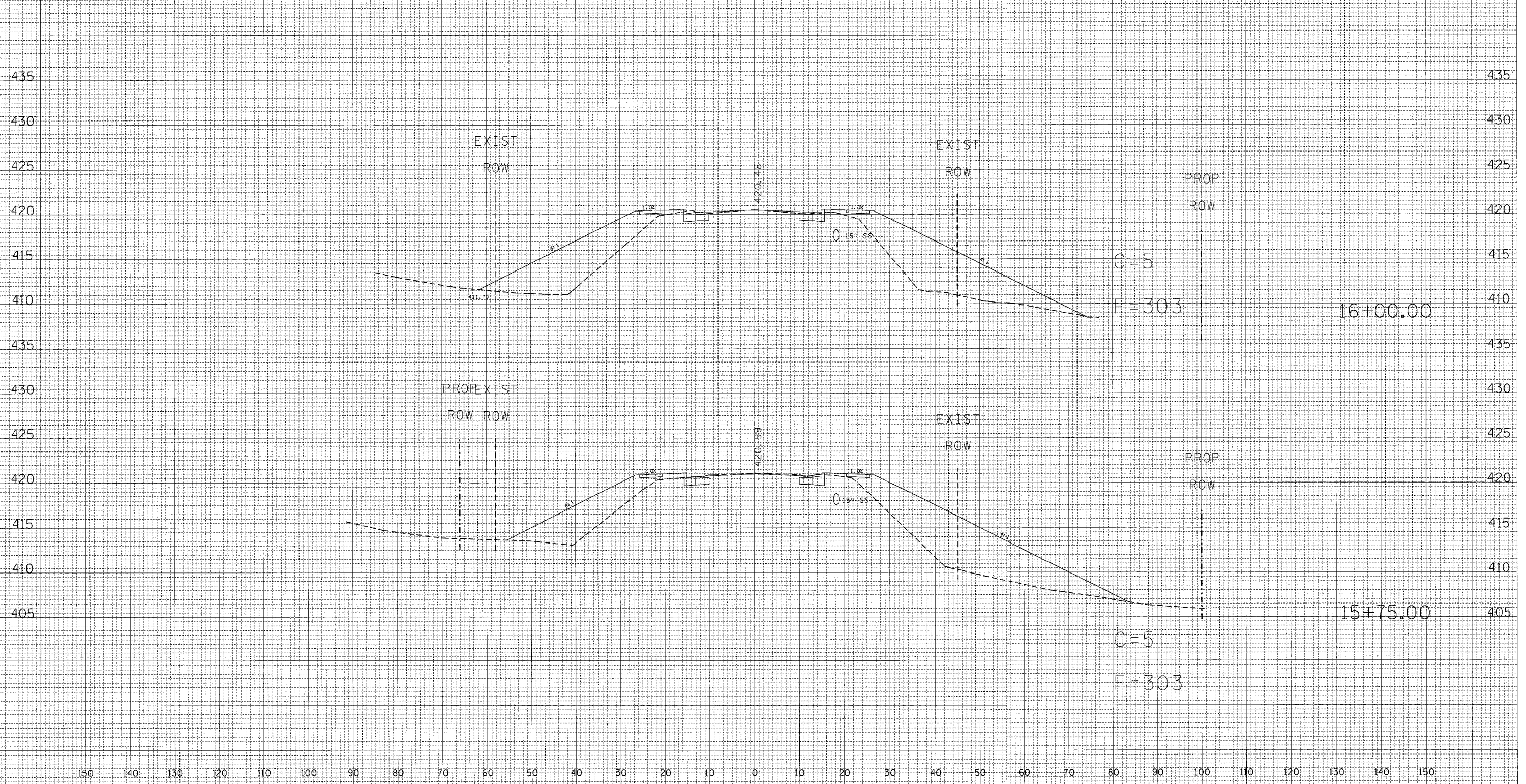
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| DATE | BY |
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| DATE | BY |
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| DATE | BY |
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STATION 15+25 TO STATION 15+50

| | | | | |
|---|------------|------------|------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | (1012)W,RS | WHITE/EDWA | 198 | 88 |
| STA. TO STA. | | | CONTRACT # 94652 | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



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DATE
BY
ORIGINAL SURVEY PLOTTED TEMPLATE AREAS CHECKED

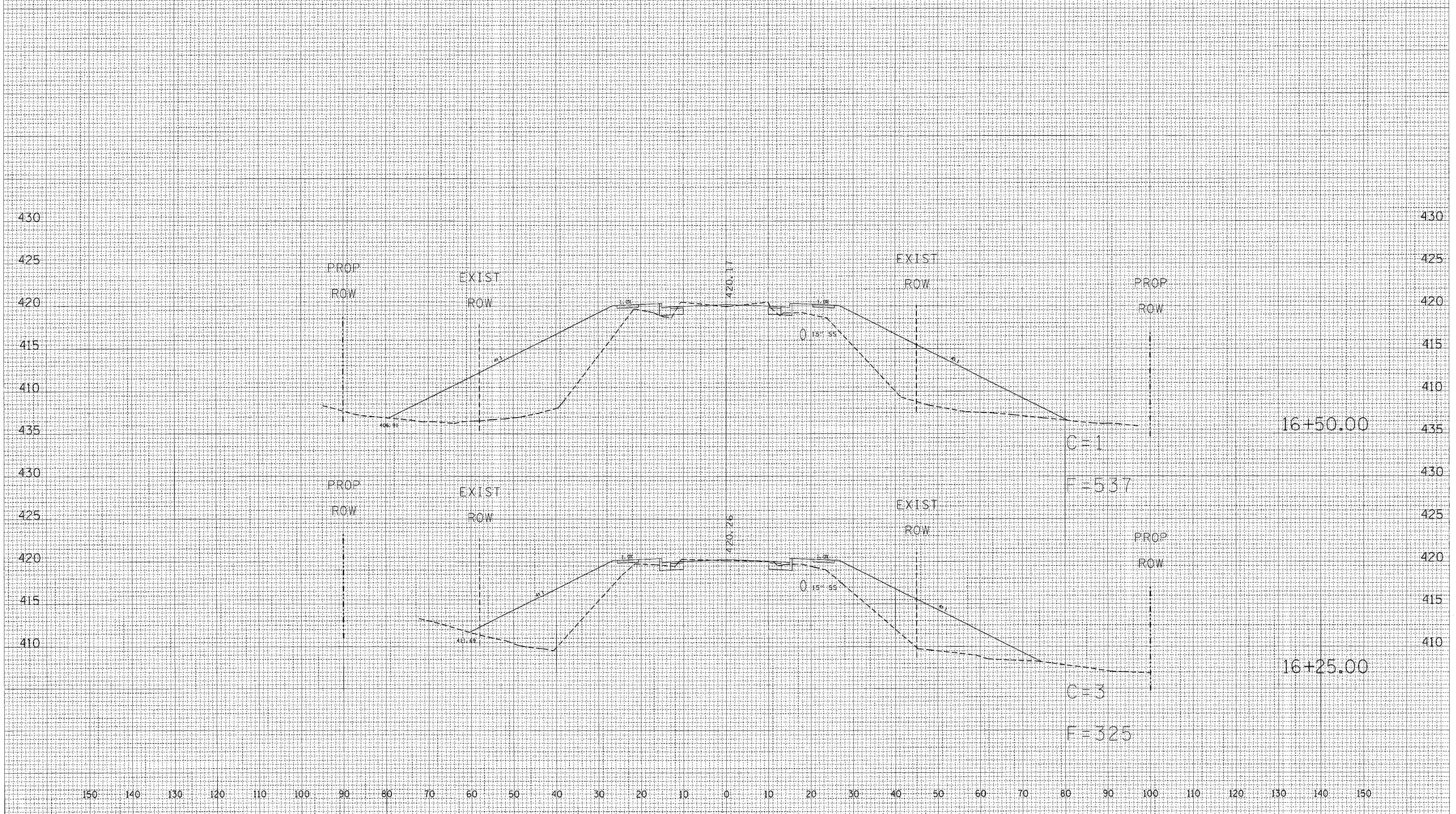
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| | | | | |
|---------------------|------------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | (1012)W,RS | WHITE/EDWA | 198 | 89 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| | | CONTRACT # 941652 | | |
| 140 | | 150 | | |

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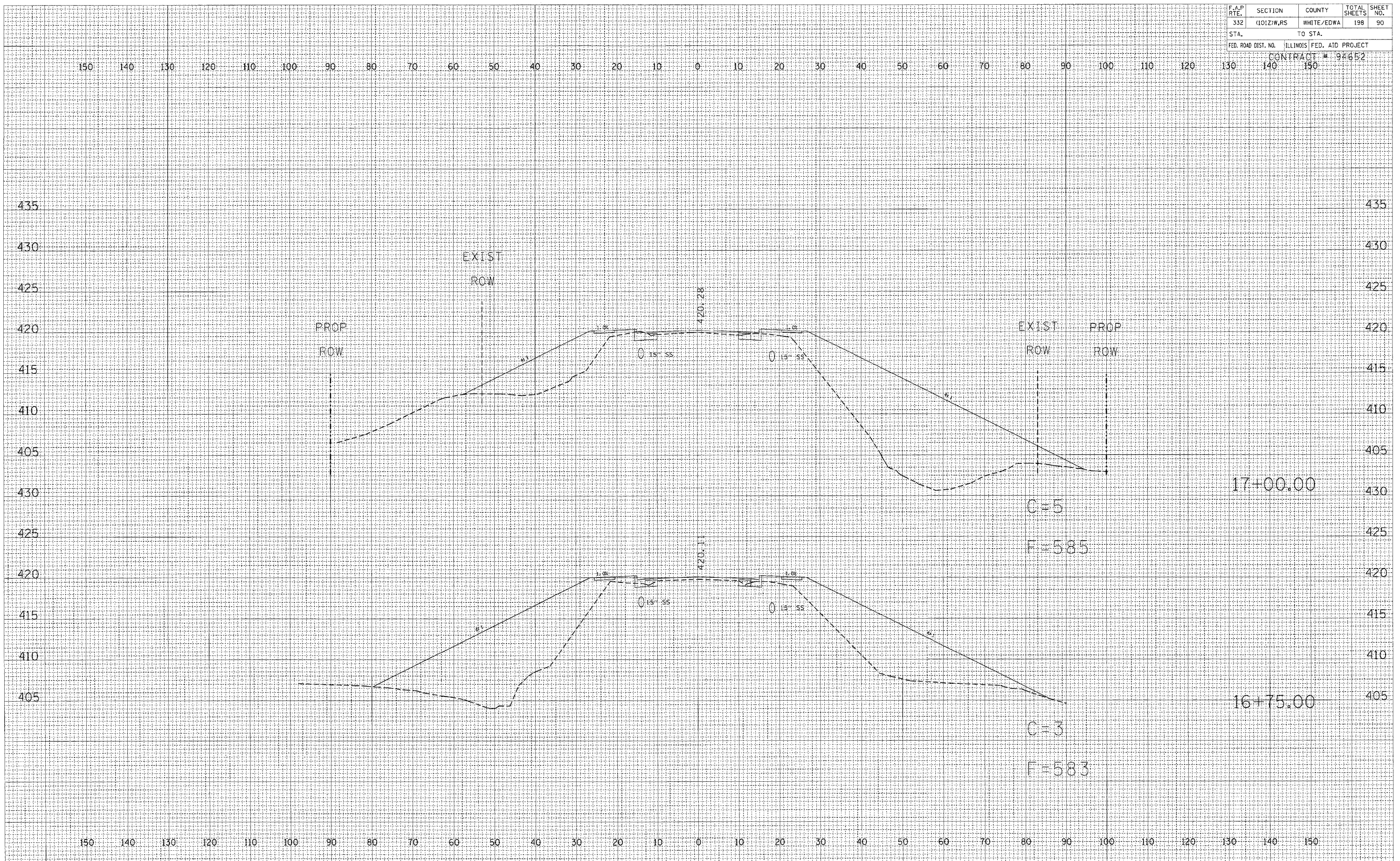
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| ORIGINAL SURVEY | SURVEYED | DATE |
| NOTE BOOK NO. | FLIPPED | |
| | TEMPLATE | |
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STATION 16+25 TO STATION 16+50

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|-----------|---------------------------|--------------|-----------|
| 332 | 1012/W,RS | WHITE/EDWA | 198 | 90 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| | | CONTRACT # 94652 | | |
| | 140 | 150 | | |



DATE _____
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 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 NOTE BOOK _____
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 AREAS CHECKED _____

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 NOTE BOOK _____
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 AREAS CHECKED _____

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|------------|---------------------------|--------------|-----------|
| 332 | (1012)W,RS | WHITE/EDWA | 198 | 91 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |

CONTRACT # 94652

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

445 445

440 440

435 435

430 430

425 425

420 420

415 415

17+50.00

C=6

F=120

440 440

435 435

430 430

425 425

420 420

415 415

17+25.00

C=6

F=257

410 410

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

STATION 17+25 TO STATION 17+50

EXIST
ROW

EXIST
ROW

EXIST
ROW

EXIST
ROW

421.43

420.72

0.5%

1.0%

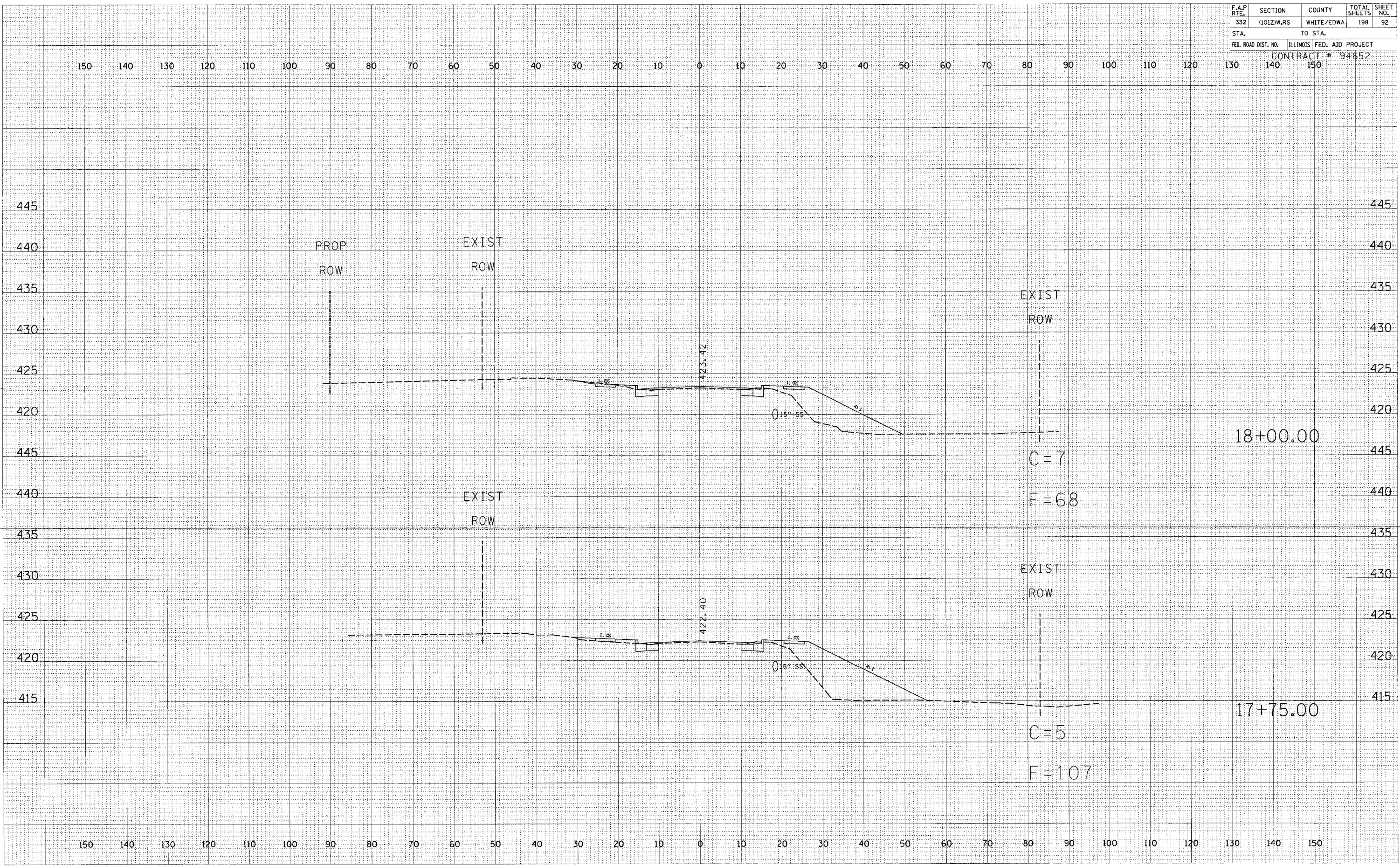
1.0%

0.15% SS

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

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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | 1012/W,RS | WHITE/EDWA | 198 | 92 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT # 94652 | | | | |

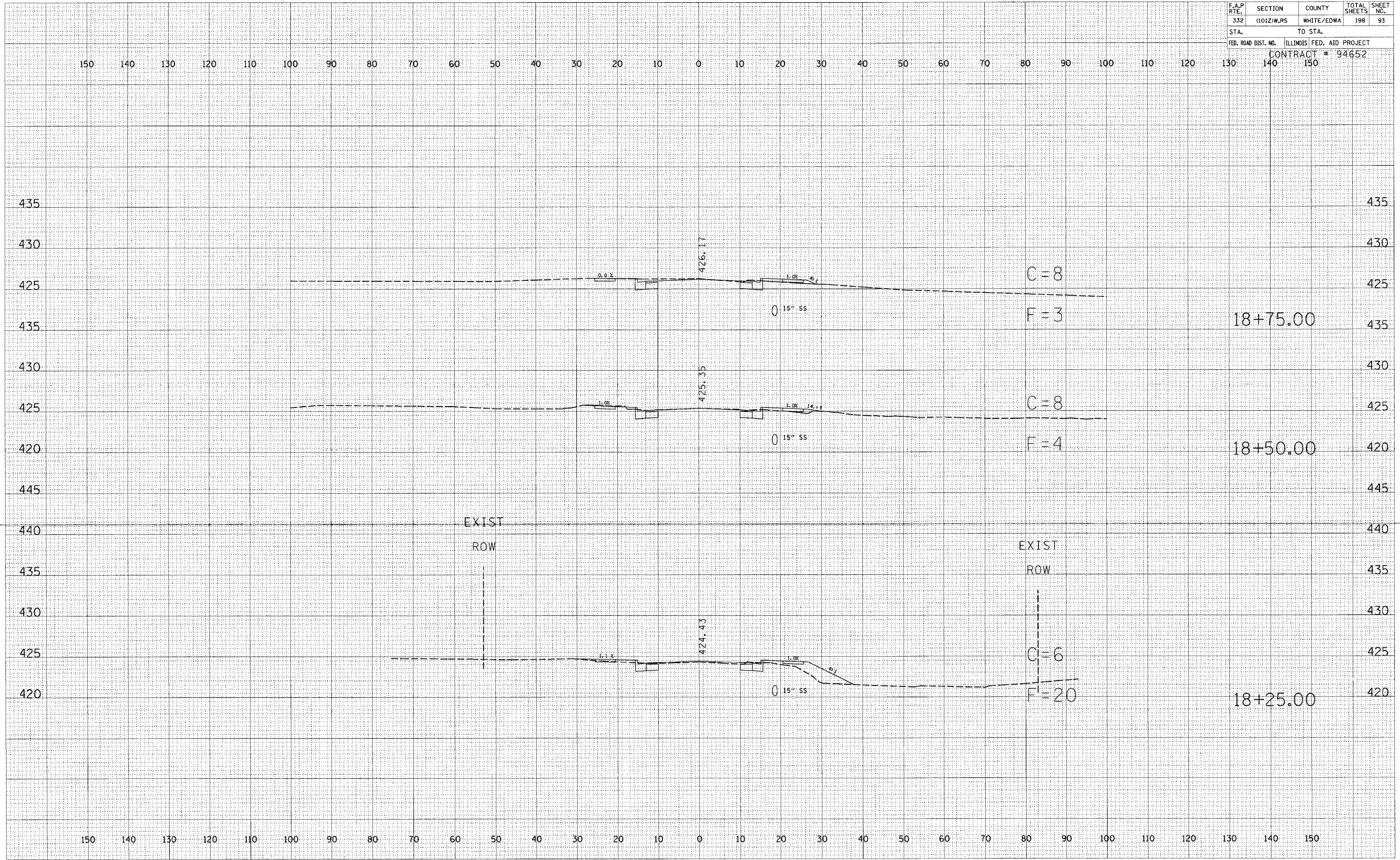


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| NOTE BOOK | |
| AREAS CHECKED | |
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| BY | DATE |
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| SURVEYED | |
| PLOTTED | |
| FINAL | |
| NOTE BOOK | |
| AREAS CHECKED | |
| NO. | |

STATION 17+75 TO STATION 18+00

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------------------------|------------------|--------------|-----------|
| 332 | 10121W,RS | WHITE/EDWA | 198 | 93 |
| STA. | | TO STA. | | |
| 130 | | 150 | | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | CONTRACT # 94652 | | |
| 140 | 150 | | | |



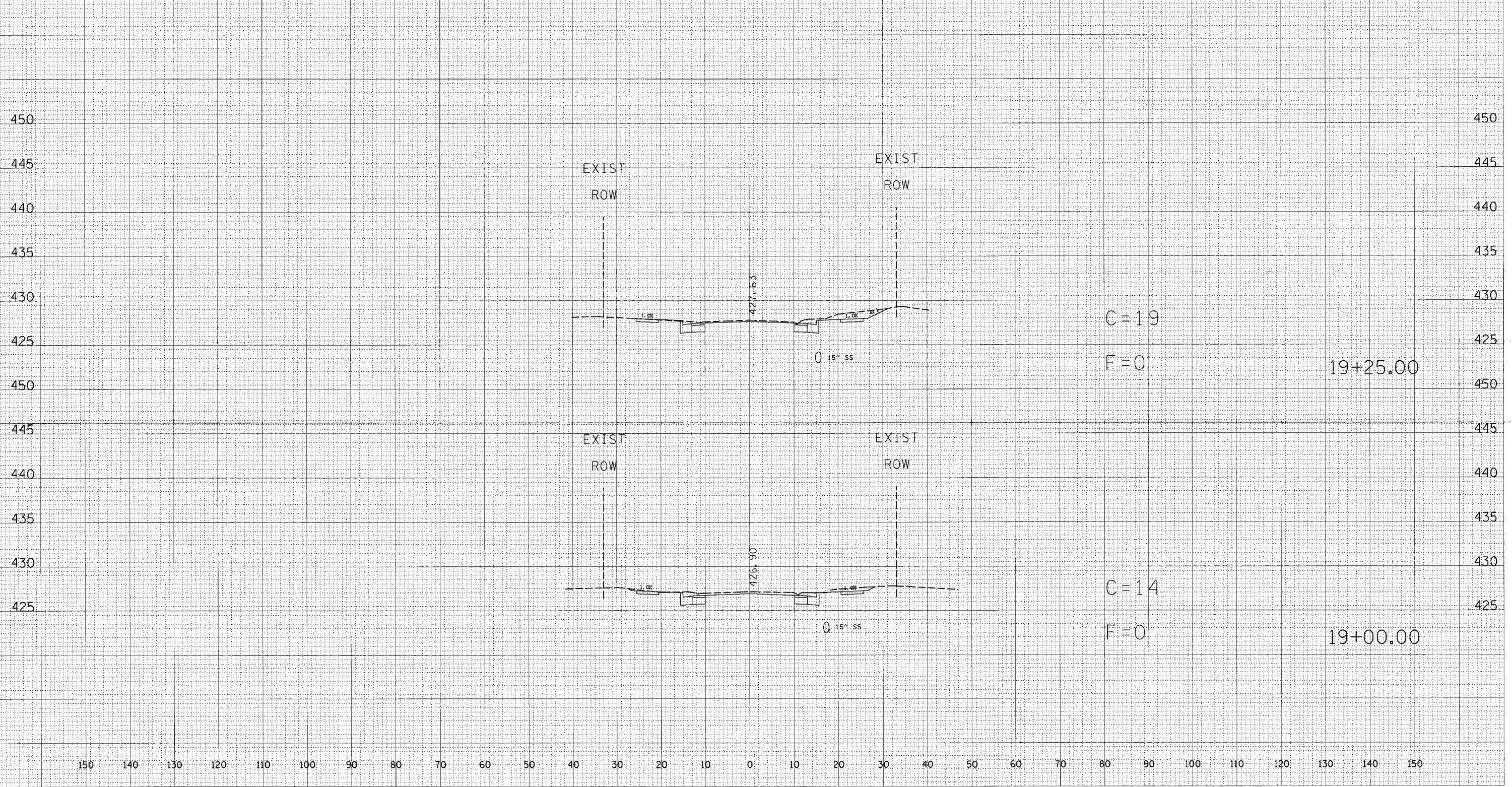
STATION 18+25 TO STATION 18+75

| DATE | BY |
|------|----|
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| DATE | BY |
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | (1012)W.RS | WHITE/EDWA | 198 | 94 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | CONTRACT # 94652 | |
| | 140 | 150 | | |

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



C=19
F=0

19+25.00

C=14
F=0

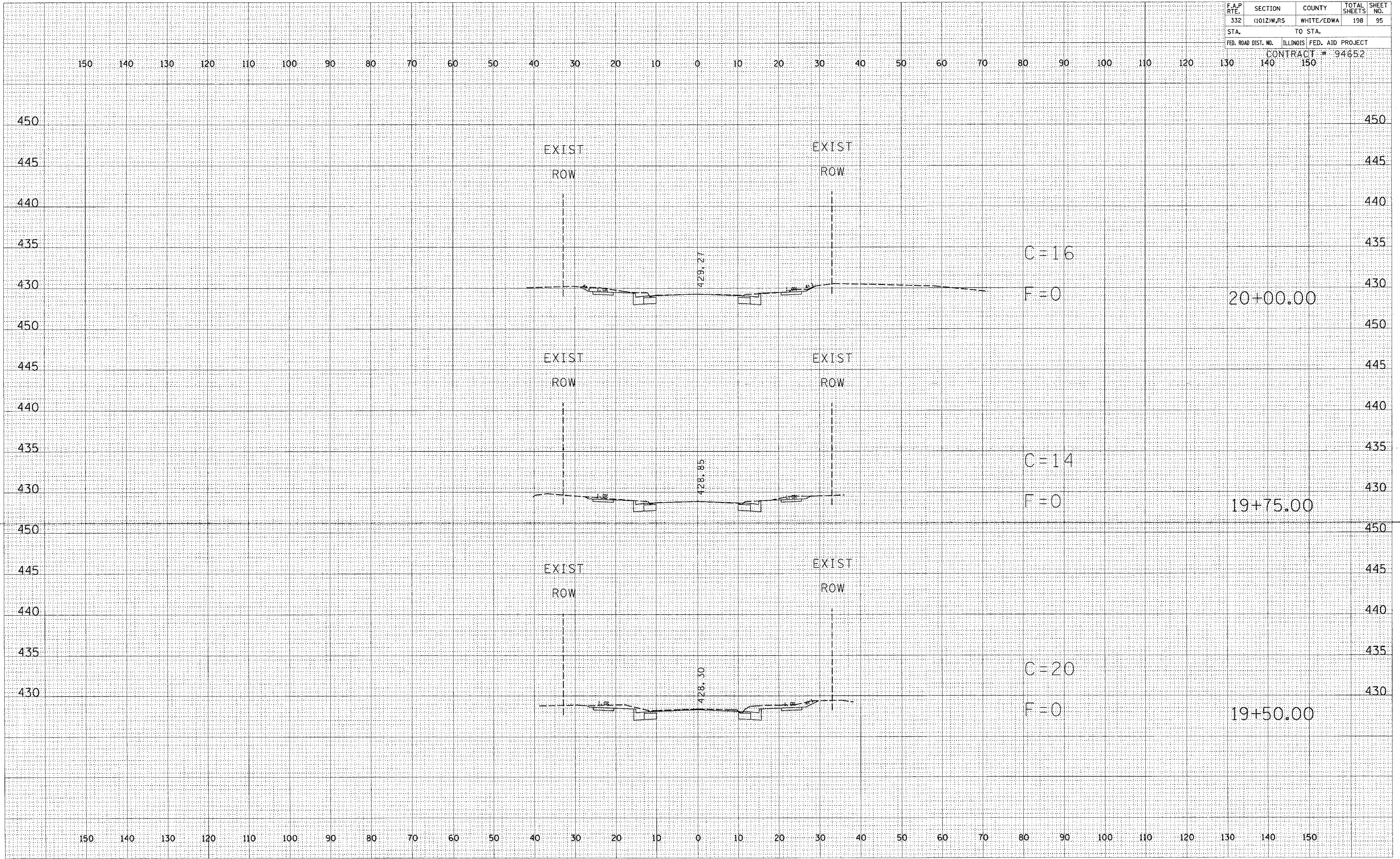
19+00.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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| DATE | BY |
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| REVISIONS | |
| NO. | DESCRIPTION |
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|-----------|-------------|
| DATE | BY |
| | |
| REVISIONS | |
| NO. | DESCRIPTION |
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| | | | | |
|---------------------|------------|------------------|------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | 110121W,RS | WHITE/EDWA | 198 | 95 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | CONTRACT # 94652 | |
| | 140 | 150 | | |



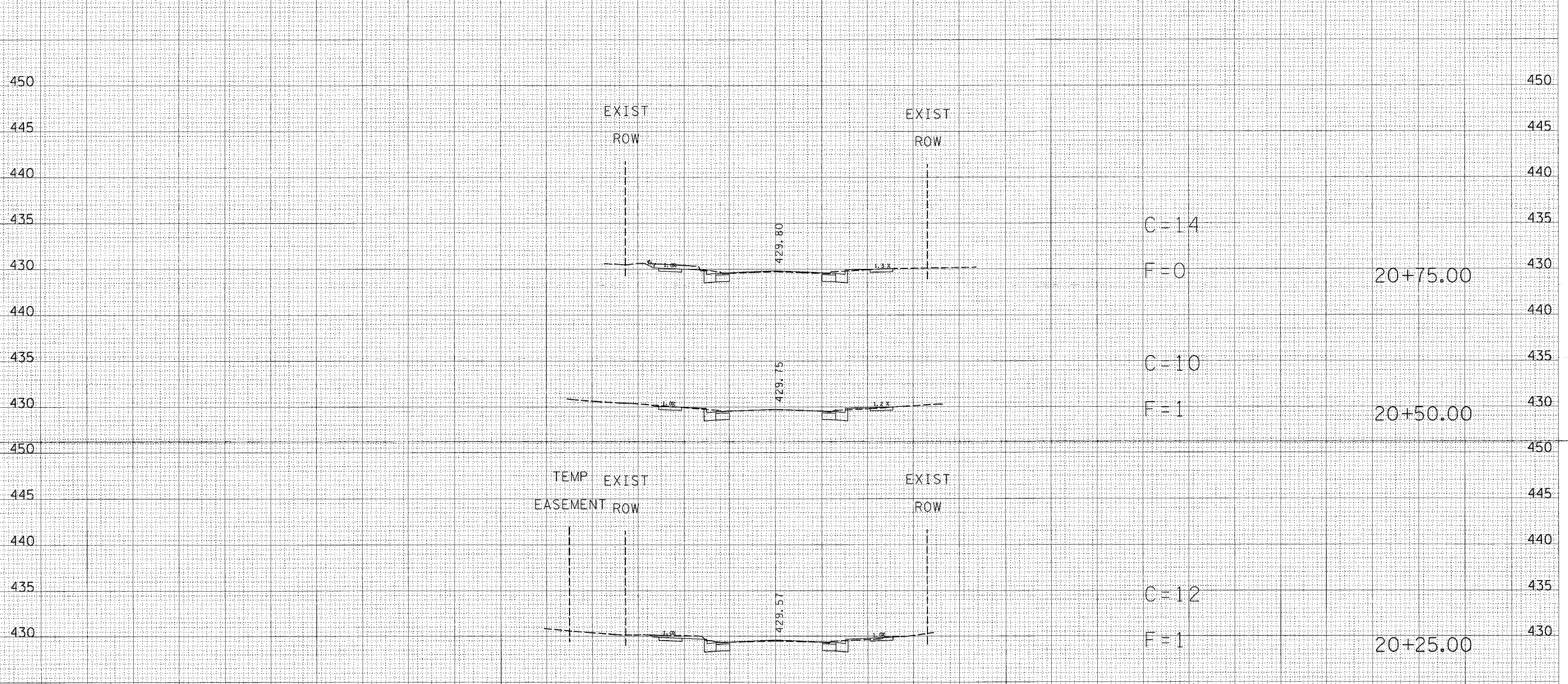
STATION 19+50 TO STATION 20+00

DATE: _____
 BY: _____
 SURVEYED: _____
 PLOTTED: _____
 TEMPLATE: _____
 NOTE BOOK: _____
 NO. _____
 AREAS CHECKED: _____

DATE: _____
 BY: _____
 SURVEYED: _____
 PLOTTED: _____
 TEMPLATE: _____
 NOTE BOOK: _____
 NO. _____
 AREAS CHECKED: _____

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|---------------------|------------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | (1012)W,RS | WHITE/EDWA | 198 | 96 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT # 94652 | | | | |

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

STATION 20+25 TO STATION 20+75

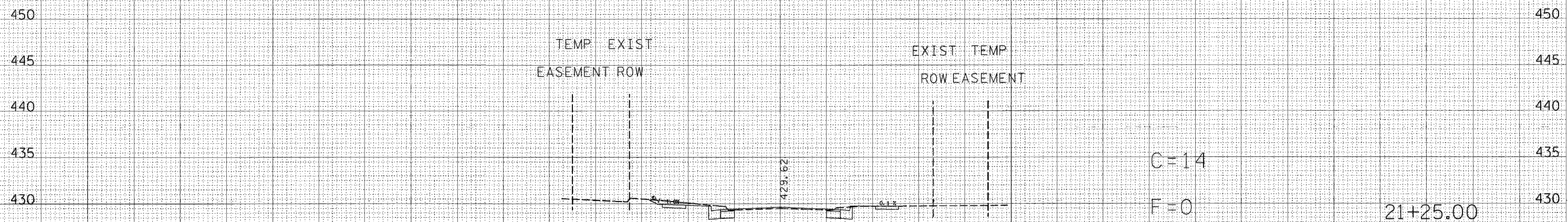
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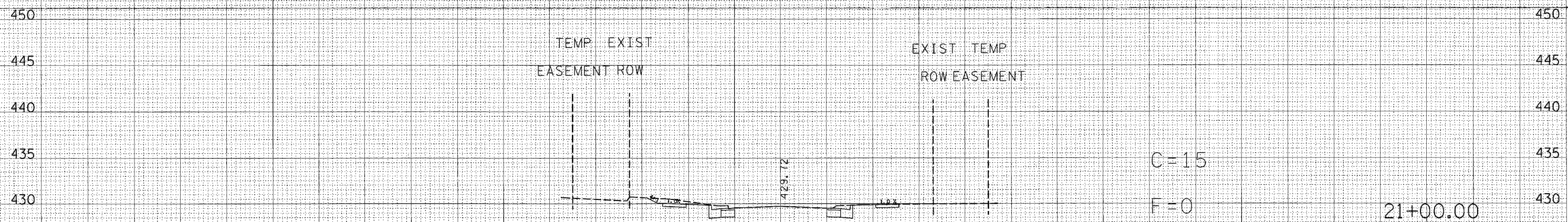
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|---------------------|------------|------------------|------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | 11012/W,RS | WHITE/EDWA | 198 | 97 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | CONTRACT # 94652 | |
| | 140 | 150 | | |

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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



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

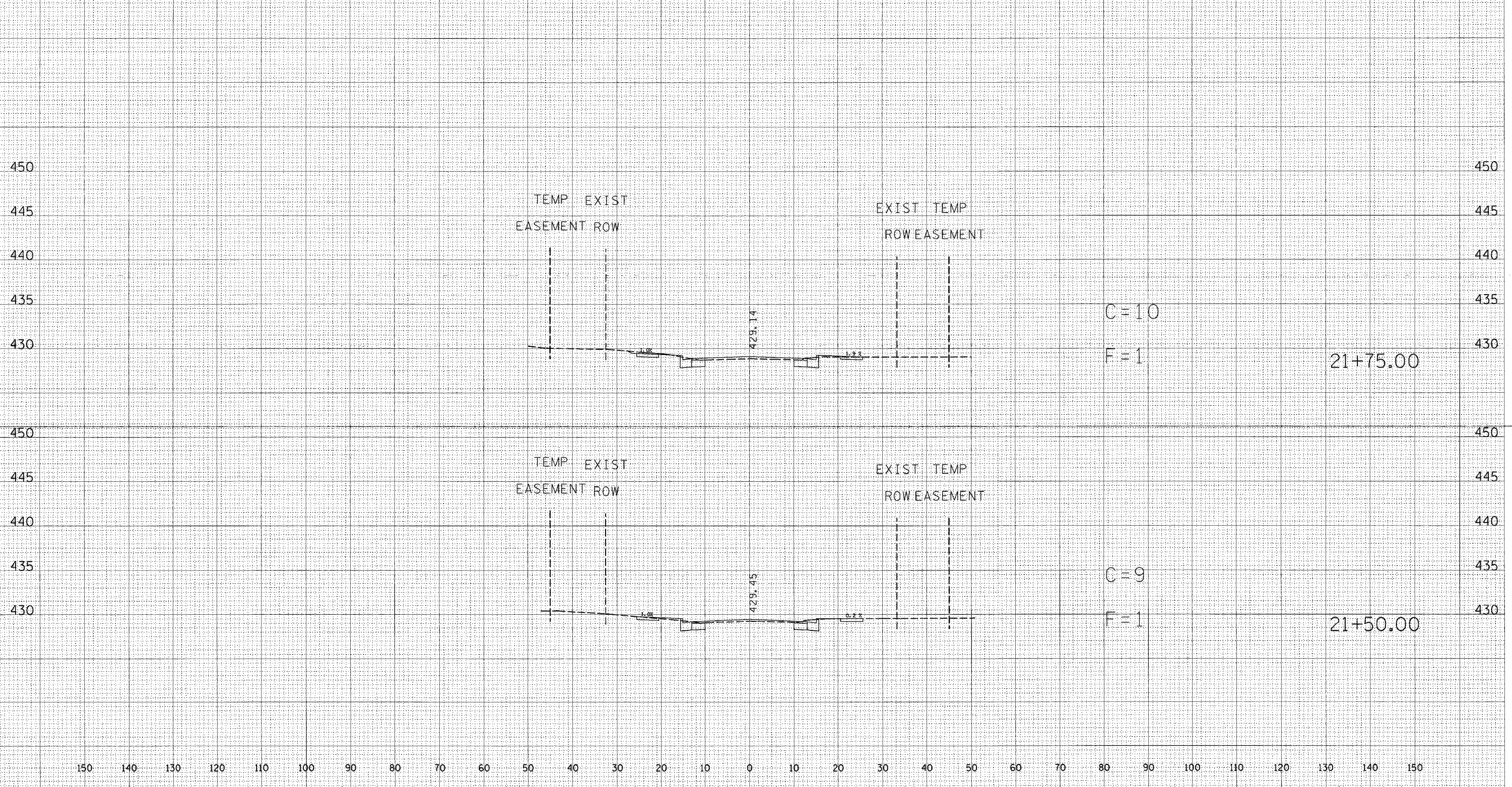


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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|------------|---------------------------|--------------|-----------|
| 332 | (1012)W,RS | WHITE/EDWA | 198 | 98 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |

CONTRACT # 94652

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



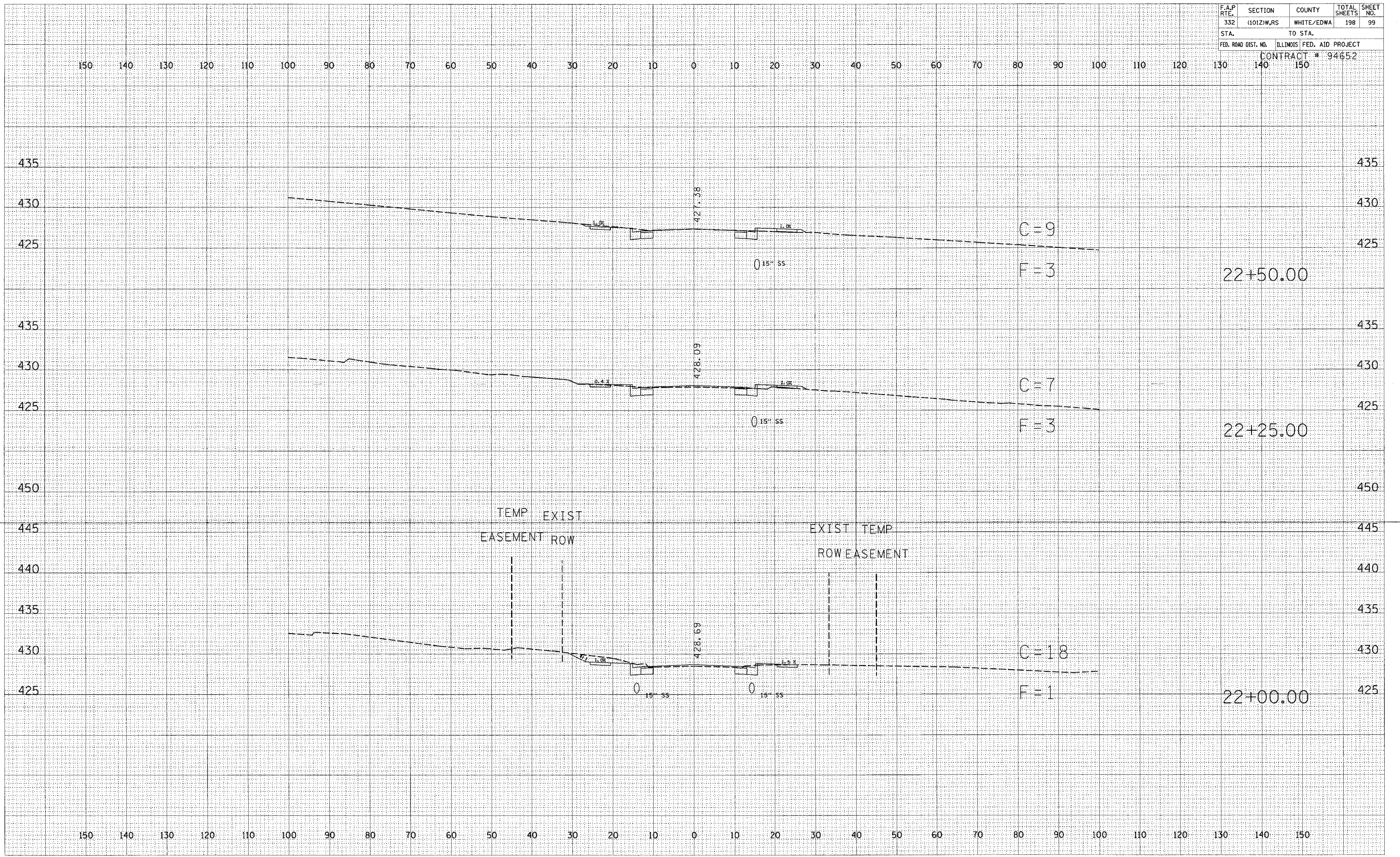
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| DATE | BY |
| | |
| SURVEYED | PLOTTED |
| NOTE BOOK | AREAS CHECKED |

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

STATION 21+50 TO STATION 21+75

| | | | | |
|---------------------|------------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | (1012)W,RS | WHITE/EDWA | 198 | 99 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT # 94652 | | | | |



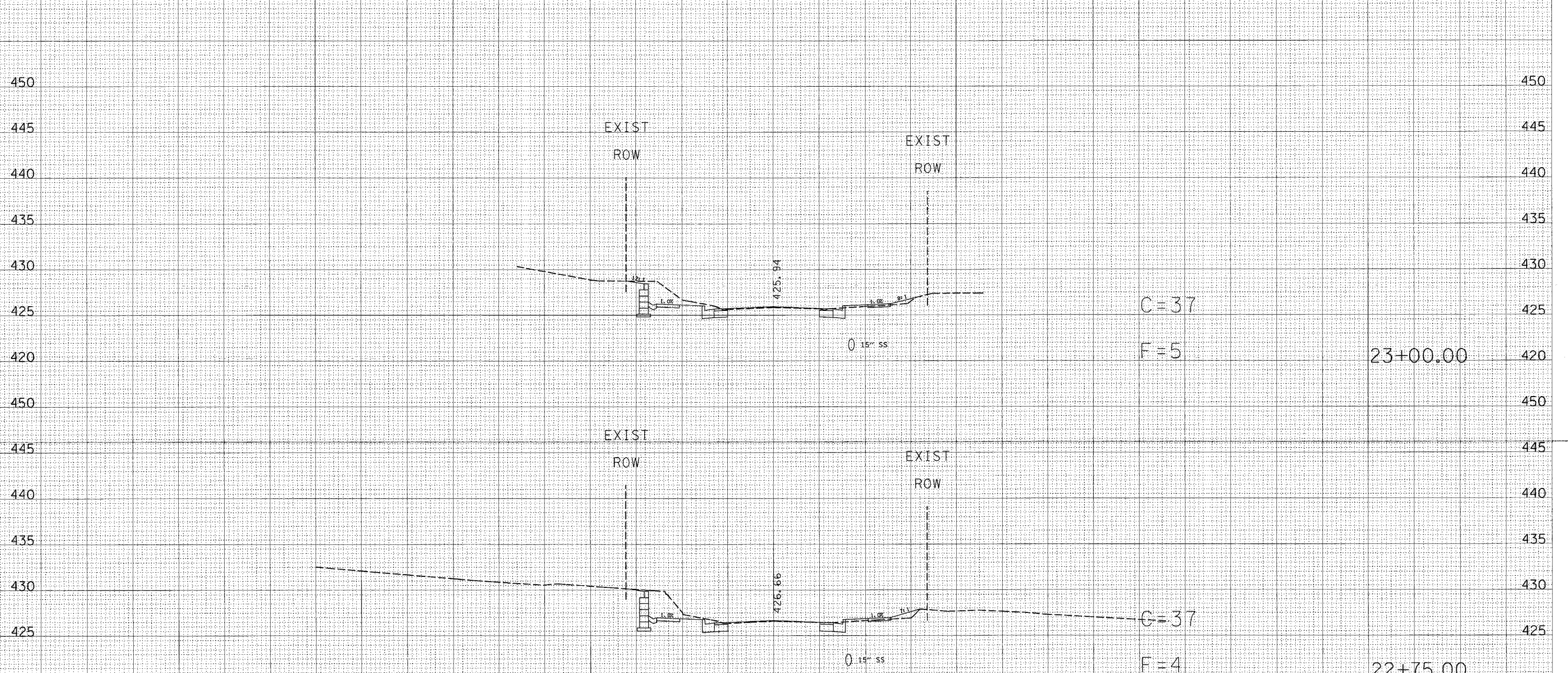
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| DATE | BY |
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STATION 22+00 TO STATION 22+50

| | | | | |
|---------------------|------------|------------------|------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332 | (1012)W.RS | WHITE/EDWA | 198 | 100 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |
| | | CONTRACT # 94652 | | |
| | 140 | 150 | | |

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

STATION 22+75 TO STATION 23+00

DATE: _____
BY: _____
SURVEYED _____
FLIPPED _____
NOTE BOOK _____
AREAS CHECKED _____

DATE: _____
BY: _____
SURVEYED _____
FLIPPED _____
NOTE BOOK _____
AREAS CHECKED _____