

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|---------|--------|--------------|-----------|
| 312 | 66-31 | MONROE | 45 | 1 |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

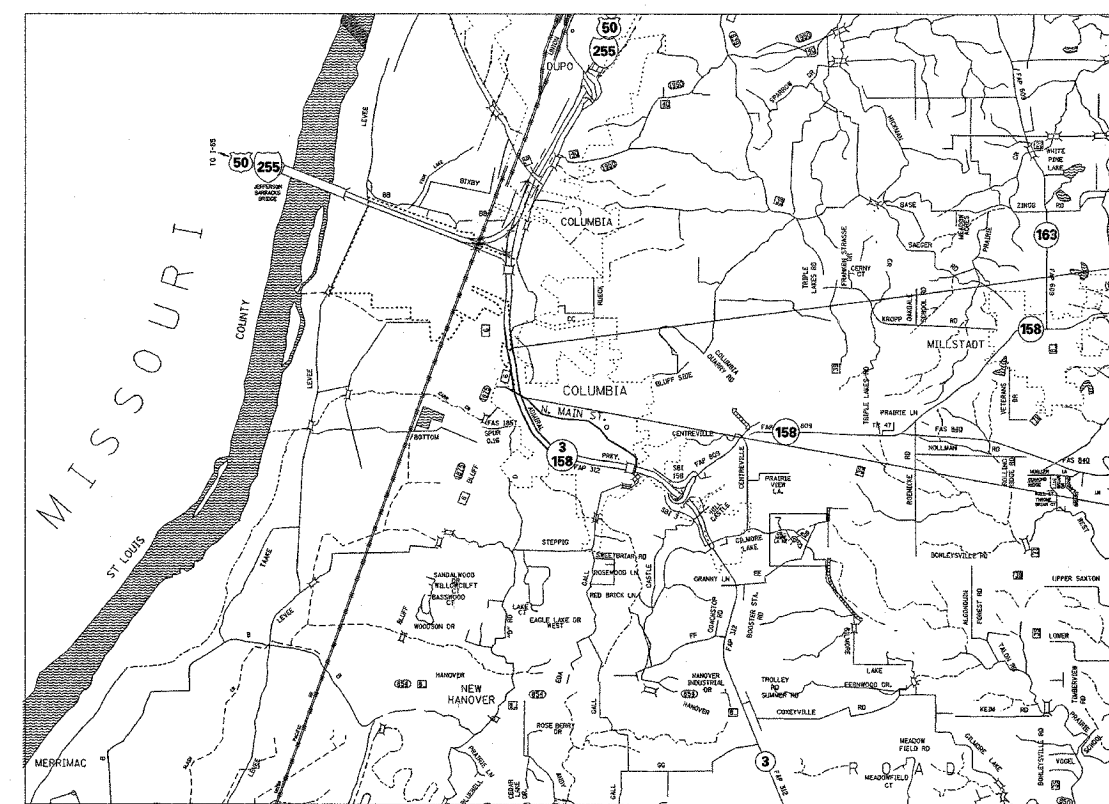
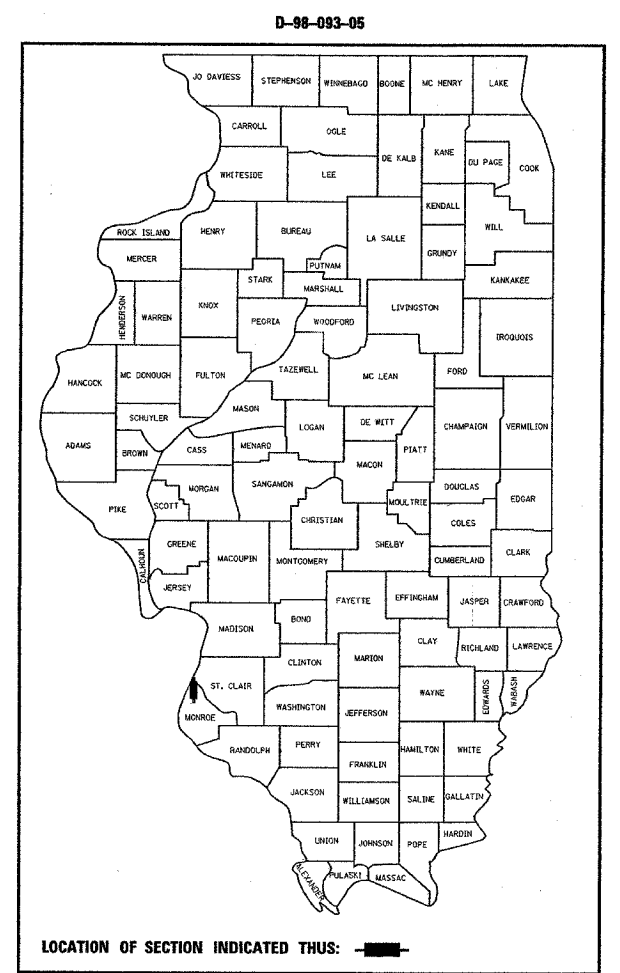
**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 312 (IL 3)
SECTION 66-31
PROJECT: HS-312(029)
MONROE COUNTY

INTERSECTION IMPROVEMENT AND LANE ADDITION
C-98-120-05

INDEX OF SHEETS

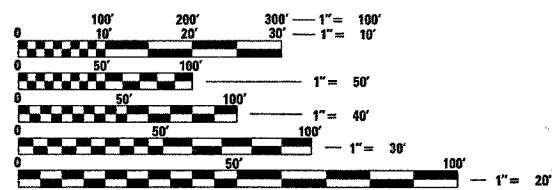
- 1. COVER SHEET
- 2. GENERAL NOTES & STANDARDS
- 3.-4. SUMMARY OF QUANTITIES
- 5.-10. TYPICAL SECTIONS
- 11.-12. SCHEDULES
- 13. CONSTRUCTION DETAILS
- 14.-17. TRAFFIC CONTROL PLAN
- 18.-21. PLAN SHEETS
- 22.-25. ELECTRICAL SHEETS
- 26.-29. PAVEMENT MARKING AND SIGNING SHEETS
- 30.-45. CROSS SECTION SHEETS



END STA 620+12
NORTHBOUND IL 3
LAT 38.45895
LONG -90.22140

BEGIN STA. 116+55.54
NORTH MAIN STREET
LAT 38.45561
LONG -90.22056

MICROFILMED _____
REEL NUMBER _____
AWARDED _____
RESIDENT ENGINEER _____
AS BUILT CHANGES WERE MADE
ON THE FOLLOWING SHEETS



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

| | ADT | |
|------|-------------|-------|
| | N. MAIN ST. | IL 3 |
| 2003 | 7900 | 32300 |
| 2025 | 11000 | 44850 |
| SU% | 9.5 | 6.0 |
| MU% | 2.4 | 4.0 |

GROSS LENGTH = 1757 FT. = 0.333 MI.
NET LENGTH = 1757 FT. = 0.333 MI.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED Feb 10 2006
May C. Lammie
DEPUTY DIRECTOR OF HIGHWAYS
REGION FIVE ENGINEER

March 24 2006
Mike Hine
ENGINEER OF DESIGN AND ENVIRONMENT

March 24 2006
Milton R. Seese P.E.
DIRECTOR, DIVISION OF HIGHWAYS

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

PROJECT ENGINEER: PATTI LEBEAU 618-346-3179
SQUAD LEADER: CHERYL KEPLAR 618-346-3186

CONTRACT NO. 76952

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|---------------------------|--------------|-----------|
| 312 | 66-3I | MONROE | 45 | 2 |
| STA. _____ | | TO STA. _____ | | |
| FED. ROAD DIST. NO. _____ | | ILLINOIS FED. AID PROJECT | | |

GENERAL NOTES

1. THE STANDARDS AND REVISION NUMBERS LISTED SHALL APPLY TO THIS PROJECT.

2. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

- AMEREN IP
- CENTERPOINT ENERGY
- CHARTER COMMUNICATIONS, INC.
- CITY OF COLUMBIA
- HARRISONVILLE TELEPHONE CO.

(MEMBERS OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY *. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.)

3. WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THE LOCATION.

4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

5. SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED, PRIMED, BINDER COURSE AND FINAL SURFACE COURSE. ONLY THE REMOVAL OF THE FINAL SURFACE APPLICATION WILL BE PAID FOR (WORK ZONE PAVEMENT MARKING REMOVAL - SQ. FT). AN AMOUNT OF TEMPORARY PAVEMENT MARKING WHICH EQUALS THE AMOUNT OF PERMANENT PAVEMENT MARKING HAS ALSO BEEN ADDED TO THE PLANS.

6. THE FOLLOWING SUPERPAVE MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

| MIXTURE USE | SURFACE | BINDER | INCIDENTAL SURFACE |
|-------------------------------------|----------------|----------------|--------------------|
| AC/PG | SBS-PG 76-22 | PG 64-22 | PG 64-22 |
| RAP % (MAX) | 0% | 10% | 10% |
| DESIGN AIR VOIDS | 4.0% @ Ndes=90 | 4.0% @ Ndes=90 | 4.0% @ Ndes=90 |
| MIX COMPOSITION (GRADATION MIXTURE) | | | |
| FRICITION AGG | MIXTURE E | MIXTURE B | MIXTURE C |

| MIXTURE USE | SHOULDERS | TOP LIFT SHOULDERS |
|-------------------------------------|----------------|--------------------|
| AC/PG | PG 58-22 | PG 58-22 |
| RAP % (MAX) | 30% | 30% |
| DESIGN AIR VOIDS | 2.0% @ Ndes=30 | *2.0% @ Ndes=30 |
| MIX COMPOSITION (GRADATION MIXTURE) | | |
| FRICITION AGG | BAM | BAM |

*DESIGN THIS MIX AT 2.0% AIR VOIDS AND ADD ASPHALT TO REDUCE AIR VOIDS TO 1.5%.

PLAN QUANTITIES FOR BITUMINOUS CONCRETE SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN.

7. THE THICKNESS OF THE BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.

8. THE AVERAGE MILLING DEPTH WILL BE 2". ACTUAL MILLING DEPTHS MAY VARY DEPENDING ON THE EXTENT OF THE CHANNELIZATION. IT IS ESTIMATED THAT 942 SQ. YDS. (105 TONS) OF BITUMINOUS SURFACE WILL BE REMOVED. THE MILLINGS MAY BE HAULED TO THE COLUMBIA YARD FOR DISPOSAL IF NOT NEEDED. MARK HARRIS SHALL BE CONTACTED AT (618) 281-4565 PRIOR TO DELIVERY TO MAKE ARRANGEMENTS.

9. FLAGMEN SHALL BE PRESENT DURING ALL CLOSURE HOURS INCLUDING LUNCH HOUR AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.

10. 'ROAD CONSTRUCTION AHEAD' SIGNS SHALL BE PLACED AT THE BEGINNING OF THE PROJECT PLUS THE INTERSECTING SIDEROADS, AND WILL BE CONSIDERED INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE.

11. ANY EXCAVATION OR DROP-OFF MORE THAN 3" AT EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND APPROPRIATE LIGHTING.

EROSION AND SEDIMENT CONTROL NOTES

1. ALL AREAS DISTURBED FOR ANY REASON SHALL BE SEEDING WITH CLASS 2 SEEDING, MULCH AND THE NECESSARY NUTRIENTS AS DIRECTED BY THE ENGINEER. SEEDING AND NUTRIENTS SHALL CONFORM TO SECTION 250 AND MULCH SHALL CONFORM TO SECTION 251 USING METHODS 2 OR 3. THIS WORK WILL BE PAID FOR AS "SEEDING, CLASS 2", WHICH WILL INCLUDE MULCH AND NUTRIENTS.

2. TEMPORARY SEEDING AND MULCH SHALL BE COMPLETED ON A WEEKLY BASIS ON EXPOSED GROUND AND SHALL BE IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS/ACRE. THIS WORK WILL BE PAID FOR AS "TEMPORARY EROSION CONTROL SEEDING", WHICH WILL INCLUDE MULCH.

3. STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER AND SILT FENCES WILL NOT BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE, SILT PANELS, ROLLED EXCELSIOR, URETHANE FOAM/GEOTEXTILE (SILT WEDGES), EARTH MEDIAN AND/OR OTHER MATERIAL APPROVED BY THE EROSION AND SEDIMENT CONTROL COORDINATOR.

4. TEMPORARY DITCH CHECKS, GEOTEXTILES, ROLLED EXCELSIOR, SILT WEDGES, PANELS SHALL BE LOCATED AT EVERY 1.5 FT FALL/RISE IN DITCH GRADE.

5. ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

STANDARDS

| | |
|-----------|-----------|
| 202001 | |
| 280001-02 | |
| 442201-01 | 720011 |
| 601001 | 720016-01 |
| 601101 | 720021-01 |
| 635001 | 780001-01 |
| 701101-01 | 781001-02 |
| 701311-02 | 814001 |
| 701411-03 | 877001-02 |
| 701422-01 | 878001-04 |
| 701426-02 | 880006 |
| 701501-03 | 886001 |
| 702001-06 | 886006 |
| 720001 | 000001-04 |
| 720006 | |
| 781701-04 | |

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

GENERAL NOTES & STANDARDS

FAP ROUTE 312 (IL 3)
SECTION 66-3I
MONROE COUNTY

SCALE: VERT. _____
DATE _____

DRAWN BY _____
CHECKED BY _____

PLOT DATE = 2/17/2006
FILE NAME = c:\purojects\76952\plan\76952s35a.dgn
PLOT SCALE = 5/8"=1'-0"
REFERENCE = #REF#

Rev.

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|---------------------------|---------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 312 | 66-31 | MONROE | 45 | 3 |
| STA. _____ | | TO STA. _____ | | |
| FED. ROAD DIST. NO. _____ | | ILLINOIS FED. AID PROJECT | | |

SUMMARY OF QUANTITIES

| SUMMARY OF QUANTITIES | | | TOTAL QUANTITIES | CONSTRUCTION TYPE CODE | | |
|-----------------------|--|--------|------------------|-------------------------------------|--------------------------------------|------------------------------------|
| CODE NO | ITEM | UNIT | | 1000-2A URBAN FEDERAL 90% STATE 10% | Y031-1F FEDERAL 90% STATE 5% CITY 5% | URBAN FEDERAL 90% STATE 5% CITY 5% |
| 20200100 | EARTH EXCAVATION | CU YD | 255 | 255 | | |
| 20400800 | FURNISHED EXCAVATION | CU YD | 367 | 367 | | |
| 25000200 | SEEDING, CLASS 2 | ACRE | 0.2 | 0.2 | | |
| 28000250 | TEMPORARY EROSION CONTROL SEEDING | POUND | 20 | 20 | | |
| 28000300 | TEMPORARY DITCH CHECKS | EACH | 5 | 5 | | |
| 28100105 | STONE RIPRAP, CLASS A3 | SQ YD | 167 | 167 | | |
| 30200650 | PROCESSING MODIFIED SOIL 12" | SQ YD | 1618 | 1618 | | |
| 30201500 | LIME | TON | 31 | 31 | | |
| 40600200 | BITUMINOUS MATERIALS (PRIME COAT) | TON | 0.3 | 0.3 | | |
| 40600300 | AGGREGATE (PRIME COAT) | TON | 2 | 2 | | |
| 40600895 | CONSTRUCTING TEST STRIP | EACH | 1 | 1 | | |
| 40600990 | TEMPORARY RAMP | SQ YD | 89 | 89 | | |
| 40800040 | INCIDENTAL BITUMINOUS SURFACING | TON | 15 | 15 | | |
| 44000007 | BITUMINOUS SURFACE REMOVAL 2" | SQ YD | 942 | 942 | | |
| 44000200 | DRIVEWAY PAVEMENT REMOVAL | SQ YD | 116 | 116 | | |
| 44004250 | PAVED SHOULDER REMOVAL | SQ YD | 1360 | 1360 | | |
| 44300200 | STRIP REFLECTIVE CRACK CONTROL TREATMENT | FOOT | 514 | 514 | | |
| 48101200 | AGGREGATE SHOULDERS, TYPE B | TON | 27 | 27 | | |
| 48202600 | BITUMINOUS SHOULDERS SUPERPAVE 8" | SQ YD | 628 | 628 | | |
| 50105220 | PIPE CULVERT REMOVAL | FOOT | 65 | 65 | | |
| 54200640 | PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 15" | FOOT | 65 | 65 | | |
| 60100060 | CONCRETE HEADWALL FOR PIPE DRAINS | EACH | 2 | 2 | | |
| 60107600 | PIPE UNDERDRAINS 4" | FOOT | 1223 | 1223 | | |
| 60108100 | PIPE UNDERDRAINS 4" (SPECIAL) | FOOT | 14 | 14 | | |
| 63500105 | DELINEATORS | EACH | 3 | 3 | | |
| 67000400 | ENGINEER'S FIELD OFFICE, TYPE A | CAL MO | 6 | 6 | | |
| 67100100 | MOBILIZATION | L SUM | 1 | 1 | | |
| 70100420 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701411 | EACH | 1 | 1 | | |
| 70101800 | TRAFFIC CONTROL AND PROTECTION (SPECIAL) | L SUM | 1 | 1 | | |
| 70102635 | TRAFFIC CONTROL AND PROTECTION, STD. 701701 | L SUM | 1 | 1 | | |
| 70103815 | TRAFFIC CONTROL SURVEILLANCE | CAL DA | 15 | 15 | | |
| 70300100 | SHORT-TERM PAVEMENT MARKING | FOOT | 252 | 252 | | |
| 70300210 | TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS | SQ FT | 47 | 47 | | |
| 70300220 | TEMPORARY PAVEMENT MARKING - LINE 4" | FOOT | 1930 | 1930 | | |
| 70300250 | TEMPORARY PAVEMENT MARKING - LINE 8" | FOOT | 434 | 434 | | |

| SUMMARY OF QUANTITIES | | | TOTAL QUANTITIES | CONSTRUCTION TYPE CODE | | |
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| CODE NO | ITEM | UNIT | | 1000-2A URBAN FEDERAL 90% STATE 10% | Y031-1F FEDERAL 90% STATE 5% CITY 5% | URBAN FEDERAL 90% STATE 5% CITY 5% |
| 70300260 | TEMPORARY PAVEMENT MARKING - LINE 12" | FOOT | 77 | 77 | | |
| 70300280 | TEMPORARY PAVEMENT MARKING - LINE 24" | FOOT | 18 | 18 | | |
| 70301000 | WORK ZONE PAVEMENT MARKING REMOVAL | SQ FT | 60 | 60 | | |
| 72000100 | SIGN PANEL - TYPE 1 | SQ FT | 27 | 22 | 5 | |
| 72400710 | RELOCATE SIGN PANEL - TYPE 1 | SQ FT | 12.5 | | 12.5 | |
| 72800100 | TELESCOPING STEEL SIGN SUPPORT | FOOT | 10 | 10 | | |
| 73000100 | WOOD SIGN SUPPORT | FOOT | 34 | 34 | | |
| 73100100 | BASE FOR TELESCOPING STEEL SIGN SUPPORT | EACH | 1 | 1 | | |
| 78000100 | THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS | SQ FT | 47 | 47 | | |
| 78000200 | THERMOPLASTIC PAVEMENT MARKING - LINE 4" | FOOT | 1930 | 1930 | | |
| 78000500 | THERMOPLASTIC PAVEMENT MARKING - LINE 8" | FOOT | 434 | 434 | | |
| 78000600 | THERMOPLASTIC PAVEMENT MARKING - LINE 12" | FOOT | 77 | 77 | | |
| 78000650 | THERMOPLASTIC PAVEMENT MARKING - LINE 24" | FOOT | 18 | 18 | | |
| 78100100 | RAISED REFLECTIVE PAVEMENT MARKER | EACH | 25 | 25 | | |
| 78200300 | PRISMATIC CURB REFLECTOR | EACH | 13 | 13 | | |
| 78300100 | PAVEMENT MARKING REMOVAL | SQ FT | 764 | 764 | | |
| * 78300200 | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL | EACH | 3 | 3 | | |
| 80300100 | LOCATING UNDERGROUND CABLE | FOOT | 500 | | 500 | |
| 81012300 | CONDUIT IN TRENCH, 1" DIA., PVC | FOOT | 13.5 | | 13.5 | |
| 81012500 | CONDUIT IN TRENCH, 1 1/2" DIA., PVC | FOOT | 140 | | 140 | |
| 81012600 | CONDUIT IN TRENCH, 2" DIA., PVC | FOOT | 15.5 | | 15.5 | |
| 81500200 | TRENCH AND BACKFILL FOR ELECTRICAL WORK | FOOT | 169 | | 169 | |
| 87301245 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C | FOOT | 472.5 | | 472.5 | |
| 87301255 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C | FOOT | 278.5 | | 278.5 | |
| 87700320 | STEEL MAST ARM ASSEMBLY AND POLE, 55 FT. | EACH | 1 | 1 | | |
| 87800415 | CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER | FOOT | 20 | | 20 | |
| 88600100 | DETECTOR LOOP, TYPE I | FOOT | 224 | | 224 | |
| 89502300 | REMOVE ELECTRIC CABLE FROM CONDUIT | FOOT | 684 | | 684 | |
| 89502350 | REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT | FOOT | 2049.5 | | 2049.5 | |
| 89502375 | REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 1 | | 1 | |
| 89502385 | REMOVE EXISTING CONCRETE FOUNDATION | EACH | 1 | | 1 | |

* SPECIALTY ITEMS

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 REFERENCE = SHEET

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|------------------------------|---------|------------------|--------------|-----------|
| 312 | 66-3I | MONROE | 45 | 4 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. ILLINOIS | | FED. AID PROJECT | | |

SUMMARY OF QUANTITIES

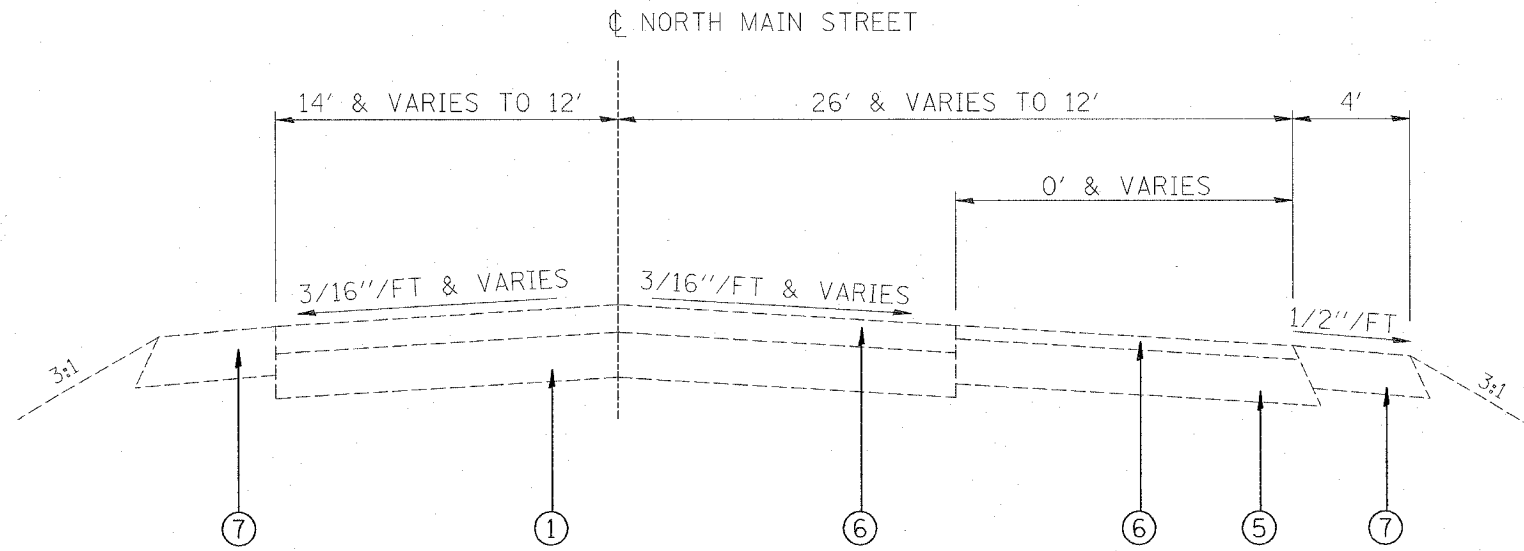
| SUMMARY OF QUANTITIES | | | TOTAL QUANTITIES | CONSTRUCTION TYPE CODE | | |
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| CODE NO | ITEM | UNIT | | 1000-2A URBAN FEDERAL 90% STATE 10% | Y031-1F FEDERAL 90% STATE 5% CITY 5% | URBAN FEDERAL 90% STATE 5% CITY 5% |
| X4066538 | POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "E", N90 | TON | 151 | 151 | | |
| X4066618 | BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N90 | TON | 344 | 344 | | |
| X4073161 | BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 14" | SQ YD | 1176 | 1176 | | |
| X7015000 | CHANGEABLE MESSAGE SIGN | CAL MO | 1 | 1 | | |
| X7240500 | RELOCATE EXISTING SIGNS | EACH | 6 | 6 | | |
| * X8801300 | SIGNAL HEAD , POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED | EACH | 1 | | 1 | |
| * X8801310 | SIGNAL HEAD , POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED | EACH | 1 | | 1 | |
| * X8801400 | SIGNAL HEAD , POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED | EACH | 1 | | 1 | |
| * X8950200 | REBUILD EXISTING HANDHOLE | EACH | 2 | | 2 | |
| * X8950210 | REBUILD EXISTING HANDHOLE TO HEAVY-DUTY HANDHOLE | EACH | 1 | | 1 | |
| Z0000990 | AGGREGATE FOR TEMPORARY ACCESS | TON | 78 | 78 | | |
| Z0036200 | PAINT CURB | FOOT | 80 | 80 | | |

| SUMMARY OF QUANTITIES | | | TOTAL QUANTITIES | CONSTRUCTION TYPE CODE | | |
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| CODE NO | ITEM | UNIT | | 1000-2A URBAN FEDERAL 90% STATE 10% | Y031-1F FEDERAL 90% STATE 5% CITY 5% | URBAN FEDERAL 90% STATE 5% CITY 5% |
| | | | | | | |

Rev.

PLOT DATE = 2/9/2006
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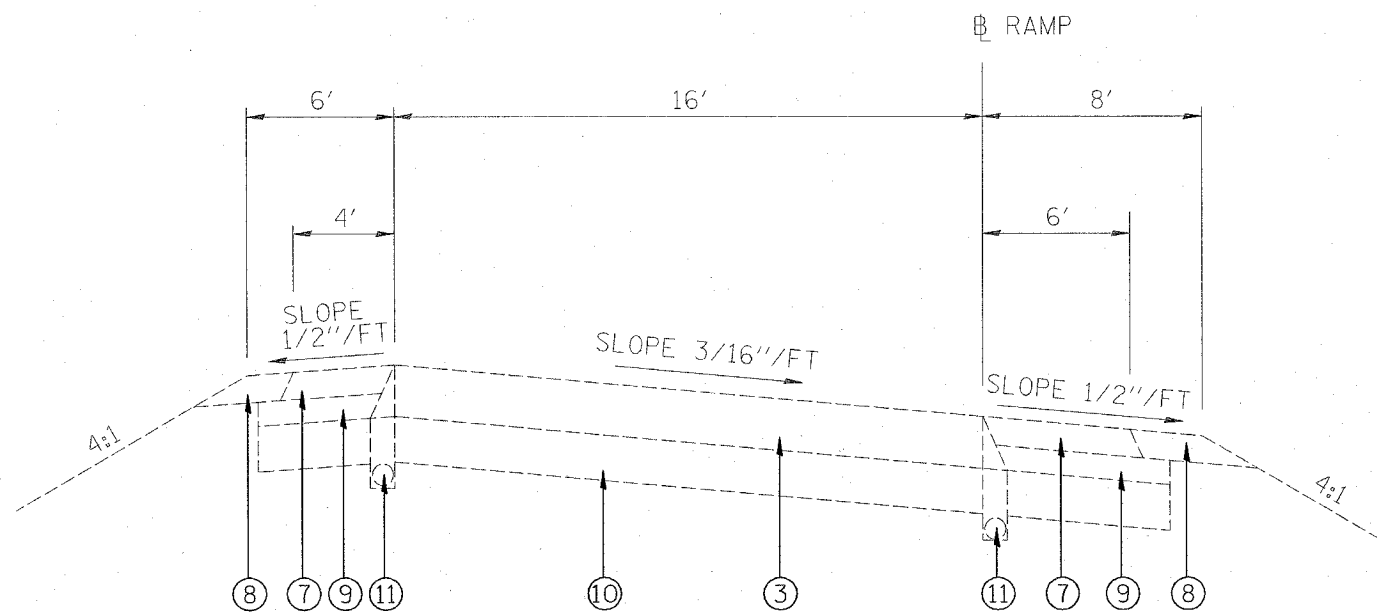
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|--------------------------|---------|---|--------------|-----------|
| 312 | 66-3I | MONROE | 45 | 5 |
| STA. _____ TO STA. _____ | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | |



NORTH MAIN STREET
 STA. 116+55.54 TO STA. 113+55.61 AH
 STA. 634+00.79 BK TO STA. 633+25

LEGEND

- ① EXISTING 10" P.C.C. PAVEMENT
- ③ EXISTING BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), TYPE 2, 11"
- ⑤ EXISTING BITUMINOUS BASE COURSE, 10"
- ⑥ EXISTING BITUMINOUS CONCRETE RESURFACING
- ⑦ EXISTING BITUMINOUS SHOULDERS, 8"
- ⑧ EXISTING AGGREGATE SHOULDERS, TYPE B
- ⑨ EXISTING SUB-BASE GRANULAR MATERIAL, TYPE C
- ⑩ EXISTING LIME MODIFIED SOILS, 12"
- ⑪ EXISTING PIPE UNDERDRAINS, 4"

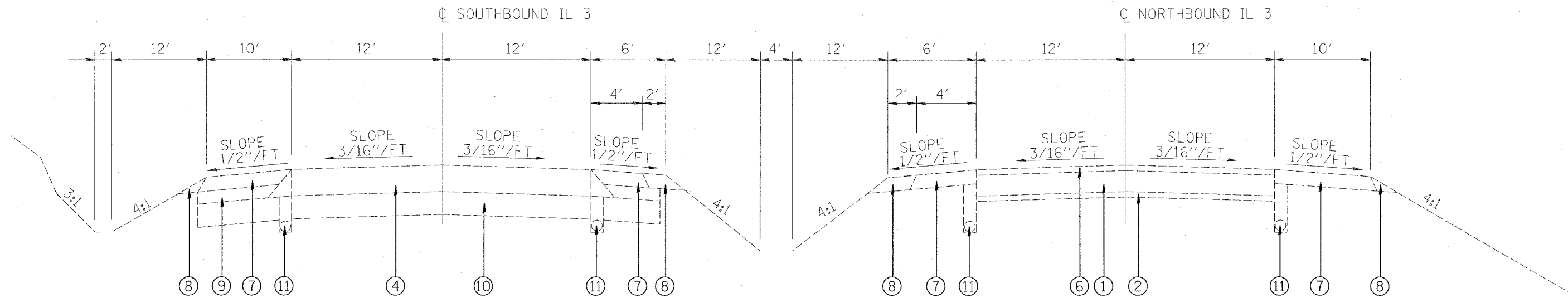


TANGENT SECTION EXIT RAMP
 OFF NB IL 3 TO PALMER RD.

PLOT DATE = 8/21/89
 PLOT SCALE = AS SHOWN
 PLOT SCALE = AS SHOWN
 REFERENCE = REF

| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION EXISTING TYPICAL SECTIONS FAP ROUTE 312 (IL 3) SECTION 66-3I MONROE COUNTY |
|----------------|------|---|
| NAME | DATE | |
| | | SCALE: VERT. _____ HORIZ. _____ DATE _____ |
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| DRAWN BY _____ | | CHECKED BY _____ |

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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 312 | 66-3I | MONROE | 45 | 6 |
| STA. _____ | | TO STA. _____ | | |
| FED. ROAD DIST. NO. _____ | | ILLINOIS FED. AID PROJECT | | |



TANGENT SECTION
STA. 627+00 TO STA. 632+35

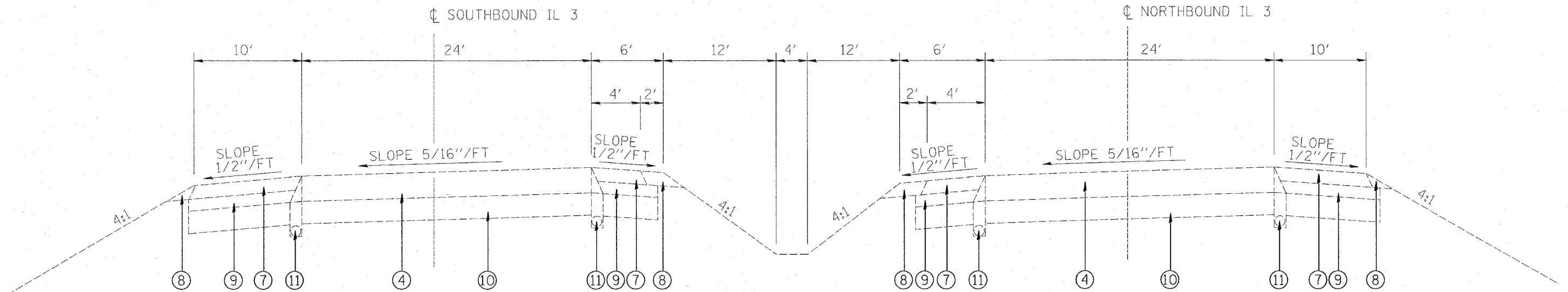
LEGEND

- ① EXISTING 10" P.C.C. PAVEMENT
- ② EXISTING 4" SUB-BASE
- ④ EXISTING BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), TYPE 2, 14"
- ⑥ EXISTING BITUMINOUS CONCRETE RESURFACING
- ⑦ EXISTING BITUMINOUS SHOULDERS, 8"
- ⑧ EXISTING AGGREGATE SHOULDERS, TYPE B
- ⑨ EXISTING SUB-BASE GRANULAR MATERIAL, TYPE C
- ⑩ EXISTING LIME MODIFIED SOILS, 12"
- ⑪ EXISTING PIPE UNDERDRAINS, 4"

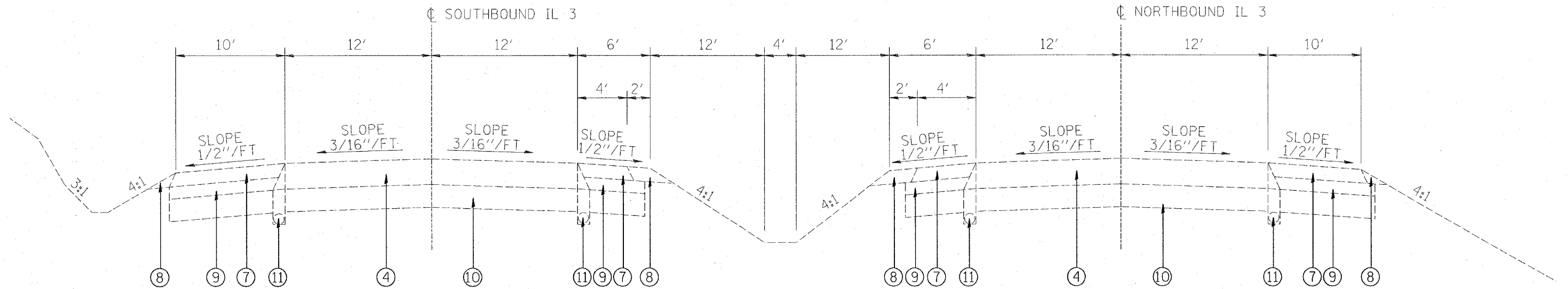
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 REFERENCE = #REF#

| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION EXISTING TYPICAL SECTIONS FAP ROUTE 312 (IL 3) SECTION 66-3I MONROE COUNTY |
|----------------|------|--|
| NAME | DATE | |
| | | SCALE: VERT. _____ HORIZ. _____ DATE _____ |
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------|---------------------------|--------------|-----------|
| 312 | 66-3I | MONROE | 45 | 7 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |



SUPERELEVATED SECTION
STA. 623+00 TO STA. 626+81.07



TANGENT SECTION
STA. 626+81.07 TO STA. 627+00

LEGEND

- ④ EXISTING BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), TYPE 2, 14"
- ⑦ EXISTING BITUMINOUS SHOULDERS, 8"
- ⑧ EXISTING AGGREGATE SHOULDERS, TYPE B
- ⑨ EXISTING SUB-BASE GRANULAR MATERIAL, TYPE C
- ⑩ EXISTING LIME MODIFIED SOILS, 12"
- ⑪ EXISTING PIPE UNDERDRAINS, 4"

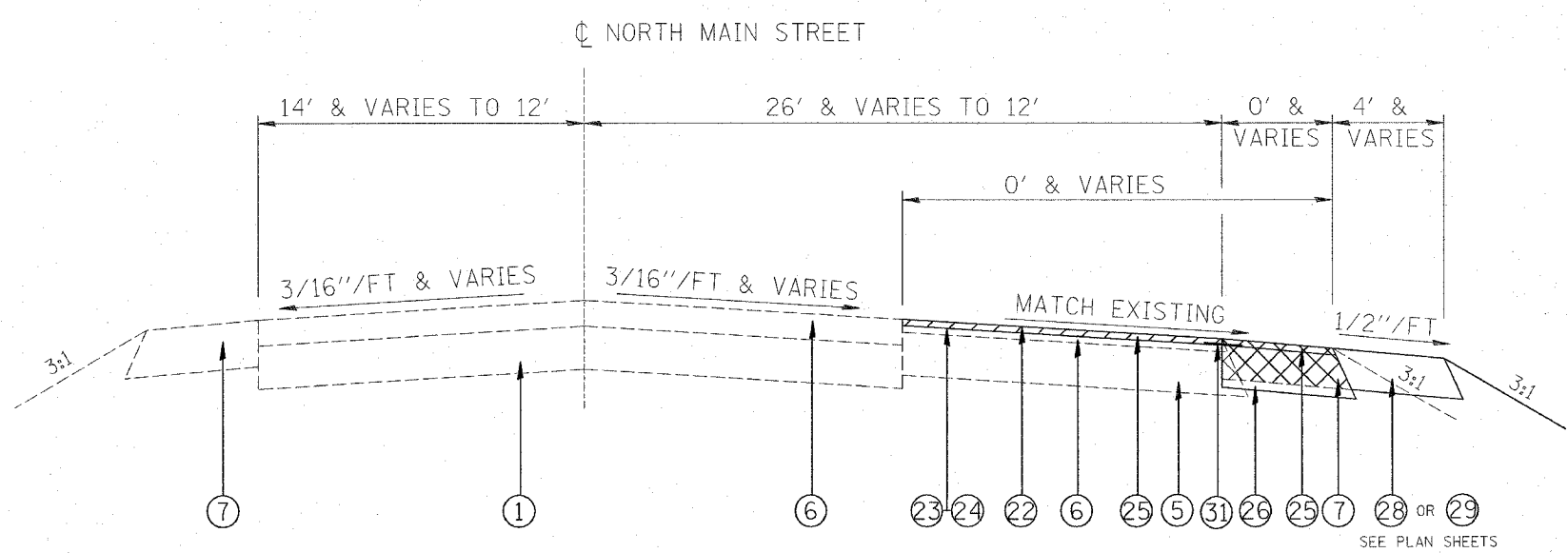
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ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING TYPICAL SECTIONS
FAP ROUTE 312 (IL 3)
SECTION 66-3I
MONROE COUNTY

SCALE: VERT.
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DATE

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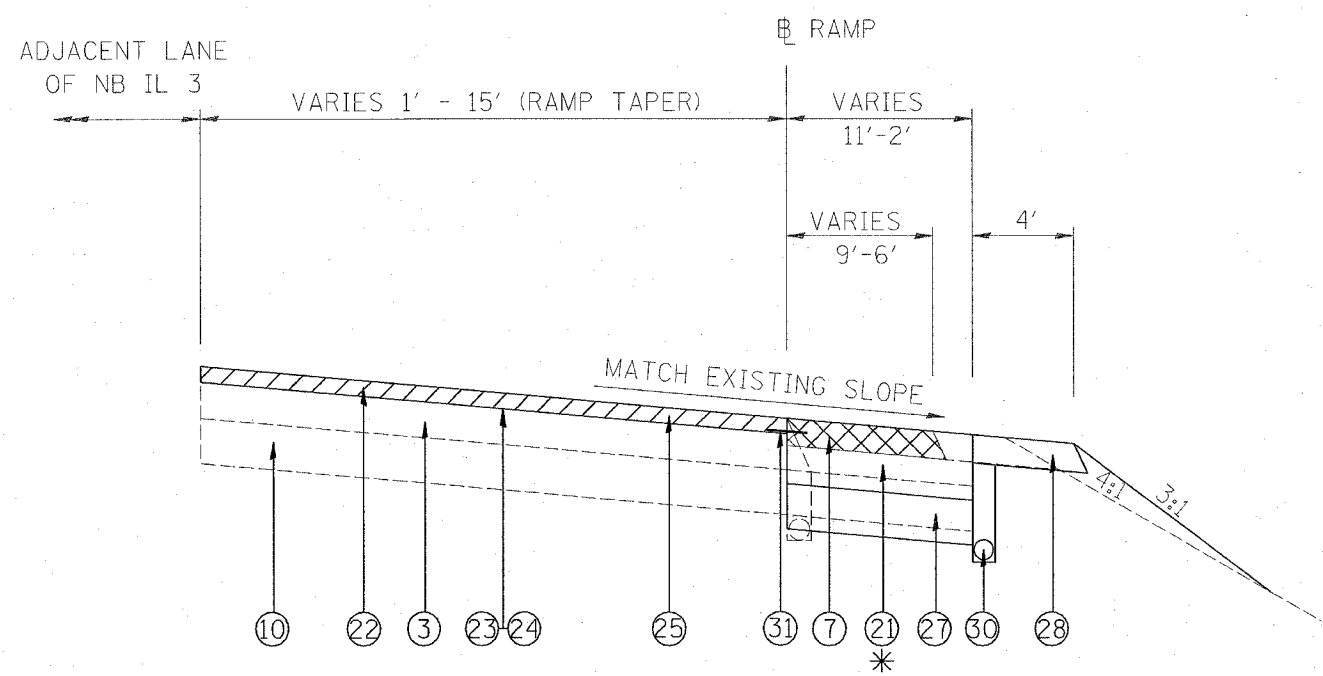
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 312 | 66-3I | MONROE | 45 | 8 |
| STA. _____ | | TO STA. _____ | | |
| FED. ROAD DIST. NO. _____ | | ILLINOIS FED. AID PROJECT | | |



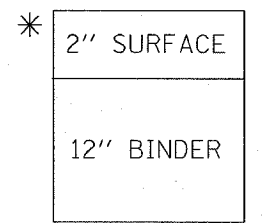
NORTH MAIN STREET
 STA. 116+55.54 TO STA. 113+55.61 AH
 STA. 634+00.79 BK TO STA. 633+25

LEGEND

- ① EXISTING 10" P.C.C. PAVEMENT
 - ③ EXISTING BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), TYPE 2, 11"
 - ⑤ EXISTING BITUMINOUS BASE COURSE, 10"
 - ⑥ EXISTING BITUMINOUS CONCRETE RESURFACING
 - ⑦ EXISTING BITUMINOUS SHOULDERS, 8"
 - ⑧ EXISTING AGGREGATE SHOULDERS, TYPE B
 - ⑨ EXISTING SUB-BASE GRANULAR MATERIAL, TYPE C
 - ⑩ EXISTING LIME MODIFIED SOILS, 12"
 - ⑪ EXISTING PIPE UNDERDRAINS, 4"
 - * ⑫ PROPOSED BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 14"
 - ⑬ PROPOSED BITUMINOUS SURFACE REMOVAL 2"
 - ⑭ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
 - ⑮ PROPOSED AGGREGATE (PRIME COAT)
 - ⑯ PROPOSED POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX E, N90, 2"
 - ⑰ PROPOSED BITUMINOUS CONCRETE BINDER COURSE 9"
 - ⑱ PROPOSED MODIFIED SOIL 12"
 - ⑲ PROPOSED BITUMINOUS SHOULDERS, SUPERPAVE 8"
 - ⑳ PROPOSED AGGREGATE SHOULDERS, TYPE B, 6"
 - ㉑ PROPOSED PIPE UNDERDRAINS 4"
 - ㉒ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ▨ PAVED SHOULDER REMOVAL (WIDTH VARIES)



EXIT RAMP TAPER
 OFF NB IL 3 TO PALMER RD.
 STA. 623+00 TO STA. 620+12



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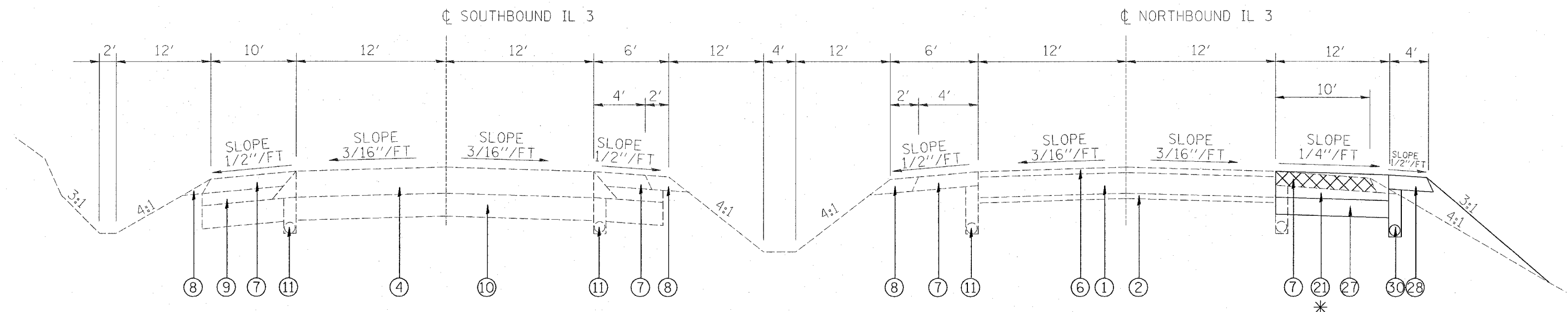
ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED TYPICAL SECTIONS
 FAP ROUTE 312 (IL 3)
 SECTION 66-3I
 MONROE COUNTY

SCALE: VERT. _____
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 DATE _____

DRAWN BY _____
 CHECKED BY _____

PLOT DATE = #DATE#
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|---------------------------|--------------|-----------|
| 312 | 66-3I | MONROE | 45 | 9 |
| STA. _____ | | TO STA. _____ | | |
| FED. ROAD DIST. NO. _____ | | ILLINOIS FED. AID PROJECT | | |

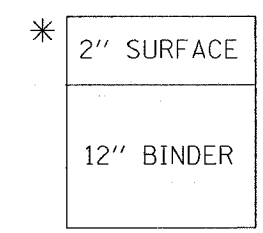


TANGENT SECTION
STA. 627+00 TO STA. 632+35

LEGEND

- ① EXISTING 10" P.C.C. PAVEMENT
- ② EXISTING 4" SUB-BASE
- ④ EXISTING BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), TYPE 2, 14"
- ⑥ EXISTING BITUMINOUS CONCRETE RESURFACING
- ⑦ EXISTING BITUMINOUS SHOULDERS, 8"
- ⑧ EXISTING AGGREGATE SHOULDERS, TYPE B
- ⑨ EXISTING SUB-BASE GRANULAR MATERIAL, TYPE C
- ⑩ EXISTING LIME MODIFIED SOILS, 12"
- ⑪ EXISTING PIPE UNDERDRAINS, 4"
- * ⑫ PROPOSED BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 14"
- ⑬ PROPOSED MODIFIED SOIL 12"
- ⑭ PROPOSED BITUMINOUS SHOULDERS, SUPERPAVE 8"
- ⑮ PROPOSED PIPE UNDERDRAINS 4"

 PAVED SHOULDER REMOVAL

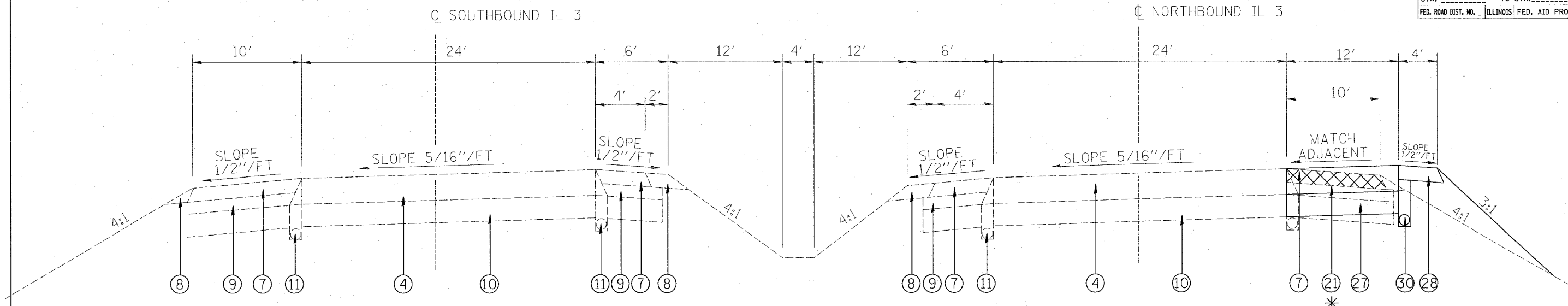


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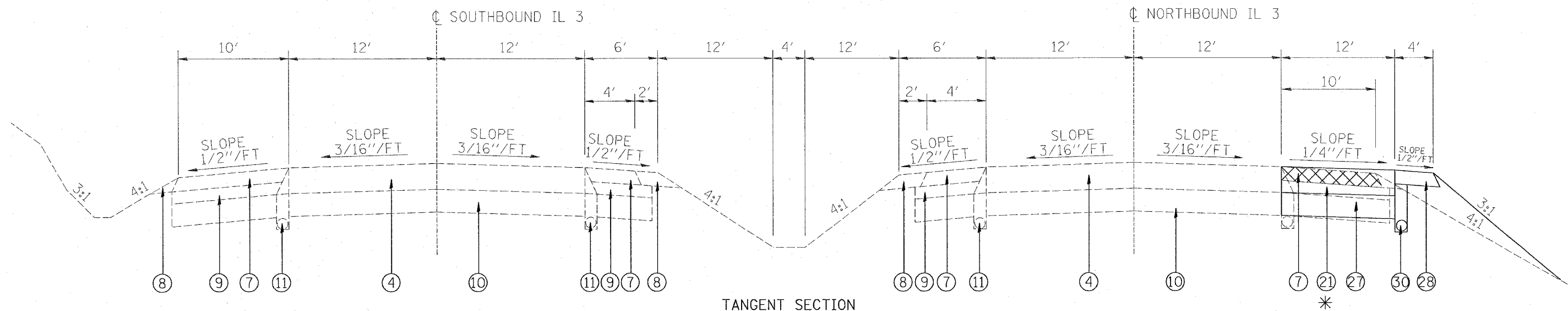
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ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED TYPICAL SECTIONS
 FAP ROUTE 312 (IL 3)
 SECTION 66-3I
 MONROE COUNTY
 SCALE: VERT. _____
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |



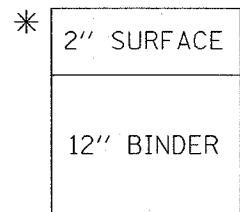
SUPERELEVATED SECTION
STA. 623+00 TO STA. 626+81.07



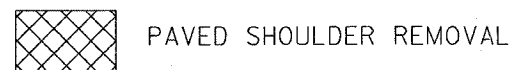
TANGENT SECTION
STA. 626+81.07 TO STA. 627+00

LEGEND

- ④ EXISTING BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), TYPE 2, 14"
- ⑦ EXISTING BITUMINOUS SHOULDERS, 8"
- ⑧ EXISTING AGGREGATE SHOULDERS, TYPE B
- ⑨ EXISTING SUB-BASE GRANULAR MATERIAL, TYPE C
- ⑩ EXISTING LIME MODIFIED SOILS, 12"
- ⑪ EXISTING PIPE UNDERDRAINS, 4"



- *②① PROPOSED BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 14"
- ②⑦ PROPOSED MODIFIED SOIL 12"
- ②⑧ PROPOSED BITUMINOUS SHOULDERS, SUPERPAVE 8"
- ③① PROPOSED PIPE UNDERDRAINS 4"



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ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED TYPICAL SECTIONS
FAP ROUTE 312 (IL 3)
SECTION 66-3I
MONROE COUNTY

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| 312 | 66-3I | MONROE | 45 | 11 |
| STA. _____ | | TO STA. _____ | | |
| FED. ROAD DIST. NO. _____ | | ILLINOIS | FED. AID PROJECT | |

PAVING AND RESURFACING SCHEDULE

| LOCATION | BITUMINOUS SURFACE REMOVAL 2 IN (SQ YD) | BITUMINOUS MATERIALS PRIME COAT (TON) | AGGREGATE PRIME COAT (TON) | BIT CONC BINDER CSE SUPER, IL-19.0 N 90 9" (TON) | BIT CONC BINDER CSE SUPER, IL-19.0 N 90 6" (TON) | STRIP REFL CRACK CONT TREATMENT (FT) | INCIDENTAL BITUMINOUS SURFACING (TON) | POLY BIT CONC SURF CSE SUPER MIX E N90 2" (TON) | BIT CONC BINDER CSE SUPER, IL-19.0 N 90 12" (TON) | BIT CONC PAVEMENT (FULL-DEPTH) SUPER, 14" (SQ YD) | BITUMINOUS SHOULDERS SUPERPAVE 8" RIGHT SIDE (SQ YD) | AGGREGATE SHOULDERS TYPE B RIGHT SIDE (TON) |
|---------------------------------|---|---------------------------------------|----------------------------|--|--|--------------------------------------|---------------------------------------|---|---|---|--|---|
| NORTH MAIN STREET | | | | | | | | | | | | |
| STA. 116+28 TO 114+92 | | | | 56 | | | | 12 | | | 75 | |
| STA. 114+92 TO 113+89 | 108 | 0.03 | 0.2 | 80 | | 109 | | 17 | | | | 5 |
| STA. 113+89 TO 113+56 | 56 | 0.02 | 0.1 | | | | | 6 | | | | 6 |
| STA. 634+01 N. MAIN ST. TO | | | | | | | | | | | | |
| STA. 632+92 NB IL 3 | 163 | 0.05 | 0.2 | | | | | 18 | | | | 7 |
| STA. 632+92 TO 632+35 | 131 | 0.04 | 0.2 | 18 | | 64 | | 18 | | | | 8 |
| STA. 632+35 TO 631+82 | 228 | 0.07 | 0.3 | 30 | | 53 | | 32 | | | 25 | |
| STA. 631+82 TO 623+00 | | | | | | | | | | 1,176 | 424 | |
| STA. 623+00 TO 620+12 (ON RAMP) | 256 | 0.08 | 0.4 | | | 288 | | 47 | 113 | | 104 | |
| DALEVIEW DRIVE | | | | | 47 | | 15 | | | | | |
| TOTALS | 942 | 0.3 | 2 | 184 | 47 | 514 | 15 | 151 | 113 | 1,176 | 628 | 27 |

NOTES:

1. BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 14" WILL CONSIST OF 2 INCHES OF POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "E", N90 AND 12 INCHES OF BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N90.
2. REFER TO PLAN SHEETS 18 - 21 FOR PAY LIMITS FOR THE VARIOUS BITUMINOUS PAY ITEMS.

PAVEMENT MARKING SCHEDULE

| LOCATION | SOLID WHITE 4" (FT) | | SKIP-DASH WHITE 4" (FT) | SOLID WHITE 8" (FT) | DIAGONAL WHITE 12" (FT) | PAINT CURB (FT) | SOLID WHITE 24" (FT) | SOLID WHITE LETTERS AND SYMBOLS (SQ FT) | | PRISMATIC CURB REFLECTOR (EACH) | RAISED REFLECTIVE PAVEMENT MARKERS (EACH) |
|-----------------------|---------------------|-----------|-------------------------|---------------------|-------------------------|-----------------|----------------------|---|--------------------------------|---------------------------------|---|
| | EDGELINES | LANE LINE | ABBREVIATED LANE LINE | LANE LINE | MEDIAN | MEDIAN | STOP BARS | RIGHT TURN ARROW | COMB. LEFT TURN/ THROUGH ARROW | ONE-WAY CRYSTAL | ONE-WAY CRYSTAL |
| NORTH MAIN STREET | | | | | | | | | | | |
| STA. 116+56 TO 116+16 | 40 | | | | | | | | | | |
| STA. 116+16 TO 114+16 | 116 | | 50 | | | | | | | | |
| STA. 114+16 TO 113+62 | 54 | 54 | | | | | | 8.8 | 14.7 | | 3 |
| INTERSECTION/MEDIAN | 163 | | | 346 | 77 | 80 | 18 | 8.8 | 14.7 | 13 | 19 |
| NORTHBOUND IL 3 | | | | | | | | | | | |
| STA. 631+92 TO 621+00 | 1092 | | 273 | | | | | | | | |
| STA. 621+00 TO 620+12 | 88 | | | 88 | | | | | | | 3 |
| TOTALS | 1553 | 54 | 323 | 434 | 77 | 80 | 18 | 17.6 | 29.4 | 13 | 25 |

NOTE: ALL PAVEMENT MARKING LINES AND SYMBOLS ARE THERMOPLASTIC EXCEPT "PAINT CURB".

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 REFERENCE = REF#

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EARTHWORK SCHEDULE (IL 3)

| LOCATION | EARTH EXCAVATION (CU YD) | EARTH EXCAVATION ADJTD FOR SHRINKAGE (CU YD) | EMBANKMENT (CU YD) | EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD) |
|---------------------------|--------------------------|--|--------------------|---|
| STA 620+00 TO STA. 620+50 | 1.4 | 1.1 | 0.0 | 1.1 |
| STA 620+50 TO STA. 621+00 | 3.0 | 2.3 | 0.2 | 2.1 |
| STA 621+00 TO STA. 621+50 | 4.1 | 3.1 | 0.8 | 2.3 |
| STA 621+50 TO STA. 622+00 | 5.3 | 4.0 | 4.3 | -0.3 |
| STA 622+00 TO STA. 622+50 | 5.3 | 4.0 | 17.5 | -13.5 |
| STA 622+50 TO STA. 623+00 | 4.4 | 3.3 | 68.4 | -65.1 |
| STA 623+00 TO STA. 623+50 | 3.7 | 2.8 | 74.3 | -71.5 |
| STA 623+50 TO STA. 624+00 | 3.5 | 2.6 | 37.4 | -34.8 |
| STA 624+00 TO STA. 624+50 | 3.4 | 2.6 | 69.8 | -67.3 |
| STA 624+50 TO STA. 625+00 | 3.3 | 2.5 | 88.6 | -86.1 |
| STA 625+00 TO STA. 625+50 | 5.5 | 4.1 | 51.4 | -47.3 |
| STA 625+50 TO STA. 626+00 | 7.7 | 5.8 | 26.1 | -20.3 |
| STA 626+00 TO STA. 626+50 | 8.8 | 6.6 | 16.7 | -10.1 |
| STA 626+50 TO STA. 627+00 | 10.5 | 7.9 | 8.6 | -0.7 |
| STA 627+00 TO STA. 627+50 | 12.2 | 9.2 | 6.7 | 2.5 |
| STA 627+50 TO STA. 628+00 | 13.2 | 9.9 | 5.3 | 4.6 |
| STA 628+00 TO STA. 628+50 | 12.6 | 9.5 | 4.7 | 4.8 |
| STA 628+50 TO STA. 629+00 | 12.4 | 9.3 | 7.2 | 2.1 |
| STA 629+00 TO STA. 629+50 | 13.1 | 9.8 | 8.3 | 1.5 |
| STA 629+50 TO STA. 630+00 | 12.9 | 9.7 | 9.4 | 0.3 |
| STA 630+00 TO STA. 630+50 | 11.6 | 8.7 | 10.2 | -1.5 |
| STA 630+50 TO STA. 631+00 | 11.0 | 8.3 | 8.2 | 0.1 |
| STA 631+00 TO STA. 631+50 | 10.8 | 8.1 | 6.3 | 1.8 |
| STA 631+50 TO STA. 632+00 | 10.1 | 7.6 | 5.7 | 1.9 |
| STA 632+00 TO STA. 632+50 | 8.6 | 6.5 | 7.3 | -0.9 |
| STA 632+50 TO STA. 633+00 | 3.8 | 2.9 | 4.4 | -1.6 |
| TOTAL | 202.2 | 151.7 | 547.8 | -396.2 |

SIGN SCHEDULE

| EXISTING LOCATION | EXISTING OFFSET FROM EX EOP (FT) | PROPOSED LOCATION (APPROX.) | PROPOSED OFFSET FROM NEW EOP (APPROX. - FT) | RELOCATE SIGN PANEL TYPE 1 (SQ FT) | SIGN PANEL TYPE 1 (SQ FT) | WOOD SIGN SUPPORT (FOOT) | TELESCOPING STEEL SIGN SUPPORT (FOOT) | BASE FOR TELESCOPING STEEL SIGN SUPPORT (EACH) | RELOCATE EXISTING SIGNS (EACH) | DESCRIPTION |
|-------------------|----------------------------------|-----------------------------|---|------------------------------------|---------------------------|--------------------------|---------------------------------------|--|--------------------------------|---|
| N. MAIN ST. | | 114+16 | 18' RT | | 4 | 16 | | | | NEW R3-1100R 24"X24" "RIGHT TURN LANE" |
| AT DALEVIEW DR. | | | | | | | | | | |
| 114+31 | 11' RT | | | | | | | | 1 | EXISTING "STOP" |
| 114+29 | 8' RT | | | | | | | | 1 | EXISTING "N.MAIN/DALEVIEW" |
| | | ISLAND | | | 9 | | 10 | 1 | | NEW W12-1 36" |
| | | MAST ARM ASSEMBLY AND POLE | | 12.5 | 5 | | | | | 2 EXISTING SIGN PANELS NEW "RIGHT TURN AT ALL TIMES" |
| NB IL 3 | | | | | | | | | | |
| | | 635+00 | 19' RT | | 9 | 18 | | | | NEW W4-3R 36" |
| 631+50 | 13' RT | SAME | 19' RT | | | | | | 1 | EXISTING "IL 3" |
| 629+80 | 17' RT | SAME | 20' RT | | | | | | 1 | EXISTING SIGN ON 2 POSTS |
| 628+32 | 15' RT | SAME | 19' RT | | | | | | 1 | EXISTING SIGN ON 1 POST |
| 627+29 | 15' RT | SAME | 19' RT | | | | | | 1 | EXISTING SIGN ON 1 POST |
| TOTALS | | | | 12.5 | 27 | 34 | 10 | 1 | 6 | |

EARTHWORK SCHEDULE (NORTH MAIN ST.)

| LOCATION | EARTH EXCAVATION (CU YD) | EARTH EXCAVATION ADJTD FOR SHRINKAGE (CU YD) | EMBANKMENT (CU YD) | EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD) |
|---------------------------|--------------------------|--|--------------------|---|
| STA 112+50 TO STA. 113+00 | 2.9 | 2.2 | 0.4 | 1.8 |
| STA 113+00 TO STA. 113+50 | 4.5 | 3.4 | 0.5 | 2.9 |
| STA 113+50 TO STA. 114+00 | 4.5 | 3.4 | 2.3 | 1.1 |
| STA 114+00 TO STA. 115+00 | 20.3 | 15.2 | 6.2 | 9.0 |
| STA 115+00 TO STA. 115+50 | 12.9 | 9.7 | 0.9 | 8.8 |
| STA 115+50 TO STA. 116+00 | 6.7 | 5.0 | 0.0 | 5.0 |
| STA 116+00 TO STA. 116+50 | 1.1 | 0.8 | 0.0 | 0.8 |
| TOTAL | 52.9 | 39.7 | 10.3 | 29.4 |

DRAINAGE SCHEDULE

| LOCATION | SIDE | PIPE CULVERT REMOVAL (FT) | PIPE CUL TYPE 1 CS/A CP 15" (FT) | PIPE UNDERDRAINS 4" (FT) | PIPE UNDERDRAINS 4" (SPECIAL) (FT) | CONCRETE HEAD-WALL FOR PIPE UNDERDRAINS (EACH) |
|--------------------------|------|---------------------------|----------------------------------|--------------------------|------------------------------------|--|
| DALEVIEW DRIVE | | 65 | 65 | | | |
| NORTHBOUND IL 3 | | | | | | |
| STA. 632+35 TO 627+00 RT | | | | 535 | | |
| STA. 627+00 RT | | | | | 7 | 1 |
| STA. 627+00 TO 622+00 RT | | | | 500 | | |
| STA. 622+00 RT | | | | | 7 | 1 |
| STA. 622+00 TO 620+12 RT | | | | 188 | | |
| TOTALS | | 65 | 65 | 1223 | 14 | 2 |

*FURNISHED EXCAVATION (CU YD) = 396.2 - 29.4 = 367 CU YD

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ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULES

FAP ROUTE 312 (IL 3)
SECTION 66-3I
MONROE COUNTY

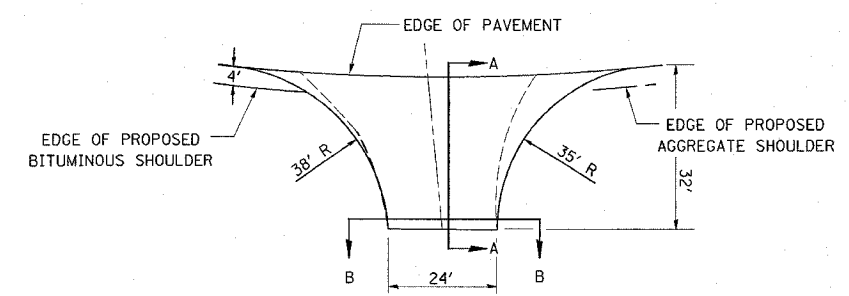
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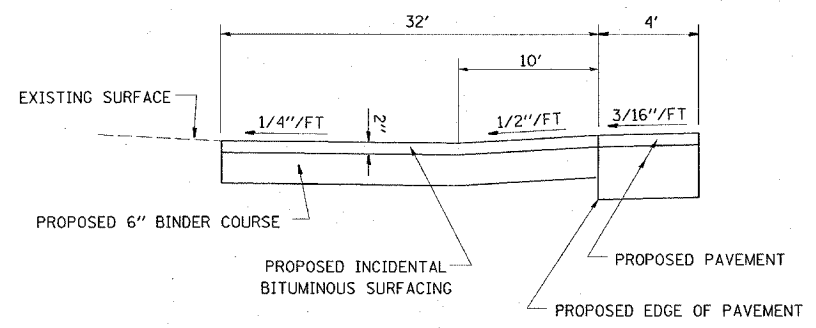
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------|---------------|--------------|-----------|
| 312 | 66-31 | MONROE | 45 | 13 |
| STA. _____ | | TO STA. _____ | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |

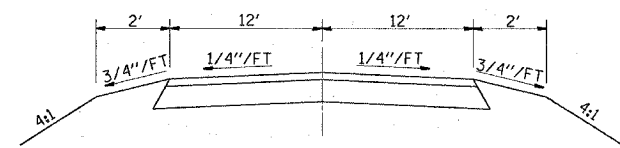
ENTRANCE TO DALEVIEW DRIVE



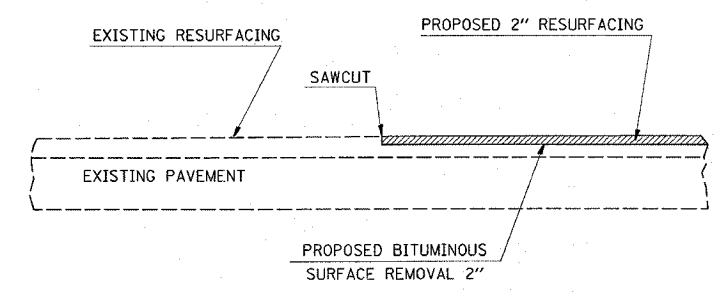
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SECTION A-A

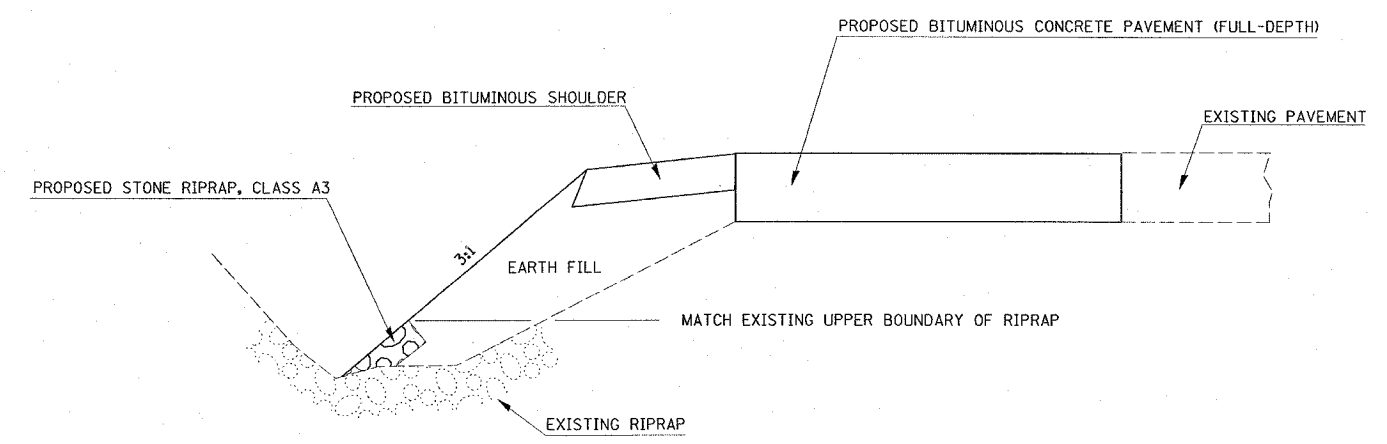


SECTION B-B



JOINT TO BE CONSTRUCTED AT END OF PROJECT
STA 620+12 (EXIT RAMP TAPER OFF NB IL 3)

NOTE: THE COST OF THE SAWCUT SHALL BE INCLUDED IN BITUMINOUS SURFACE REMOVAL 2".



RIPRAP TO BE PLACED IN DITCH ALONG NORTHBOUND IL 3

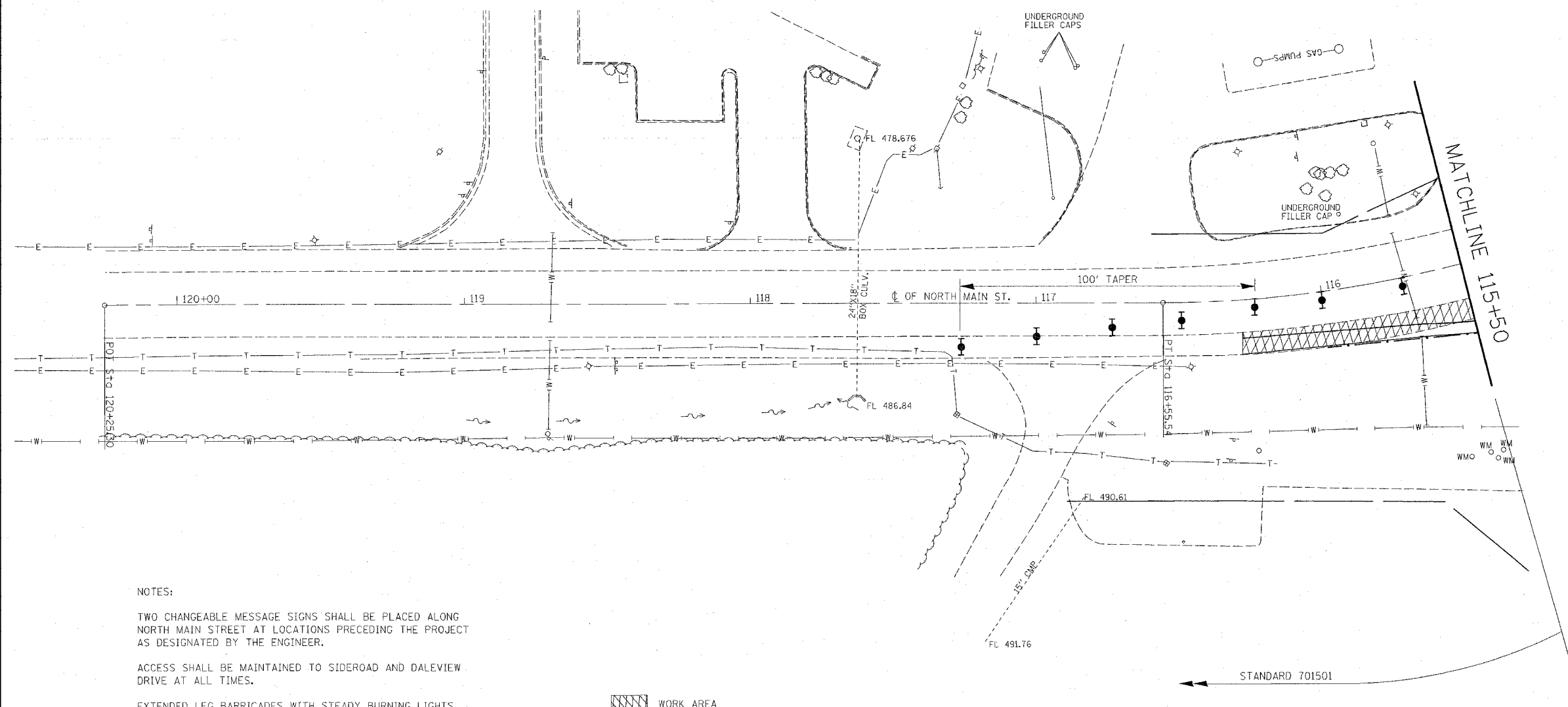
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ILLINOIS DEPARTMENT OF TRANSPORTATION
CONSTRUCTION DETAILS
FAP ROUTE 312 (IL 3)
SECTION 66-31
MONROE COUNTY
SCALE: VERT. _____
HORIZ. _____
DATE _____
DRAWN BY _____
CHECKED BY _____

PLOT DATE = 8/24/88
FILE NAME = 81LE18
PLOT SCALE = 8/32/88
REFERENCE = 81874

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------|----------------|--------------|-----------|
| 312 | 66-3I | MONROE | 45 | 14 |
| STA. 116+55.54 | | TO STA. 115+50 | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |

EXIST. CURVE C1
 PT STA. = 115+12.13
 $\Delta = 40^\circ 26' 05''$ (RT)
 $D = 13^\circ 28' 53''$
 $R = 425.00'$
 $T = 156.52'$
 $L = 299.93'$
 $E = 27.90'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA.} = 113+55.61$
 $P.T. \text{ STA.} = 116+55.54$



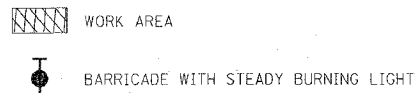
NOTES:

TWO CHANGEABLE MESSAGE SIGNS SHALL BE PLACED ALONG NORTH MAIN STREET AT LOCATIONS PRECEDING THE PROJECT AS DESIGNATED BY THE ENGINEER.

ACCESS SHALL BE MAINTAINED TO SIDEROAD AND DALEVIEW DRIVE AT ALL TIMES.

EXTENDED LEG BARRICADES WITH STEADY BURNING LIGHTS SHALL BE USED IN THE DROPOFFS DURING PERIODS WHEN ALL LANES ARE OPEN TO TRAFFIC.

STANDARD 701501 SHALL BE USED ON NORTH MAIN STREET AND STANDARD 701422 SHALL BE USED ON NORTHBOUND IL 3. THE COST OF THE APPLICATION OF THESE STANDARDS AND ALL TRAFFIC CONTROL DEVICES AS HEREIN SPECIFIED AND ANY ADDITIONAL TRAFFIC CONTROL INCLUDING FLAGGERS AS DEEMED NECESSARY BY THE ENGINEER SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).



STANDARD 701501

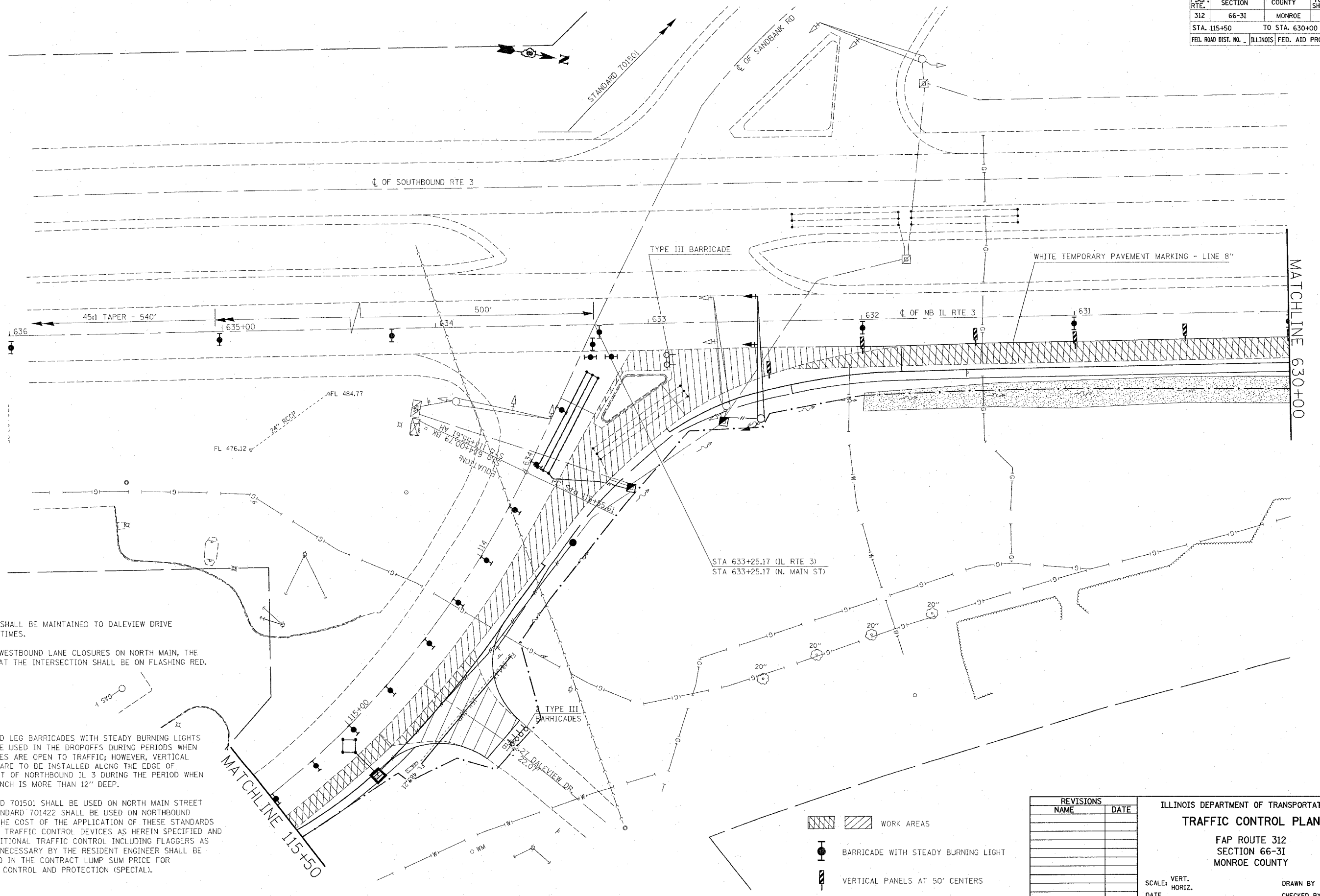
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ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL PLAN
 FAP ROUTE 312
 SECTION 66-3I
 MONROE COUNTY

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

PLOT DATE = 04/27/05
 FILE NAME = 06631I
 REFERENCE = 06631I

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|------------------------------|---------|------------------|--------------|-----------|
| 312 | 66-3I | MONROE | 45 | 15 |
| STA. 115+50 | | TO STA. 630+00 | | |
| FED. ROAD DIST. NO. ILLINOIS | | FED. AID PROJECT | | |



NOTES:

ACCESS SHALL BE MAINTAINED TO DALEVIEW DRIVE AT ALL TIMES.
 DURING WESTBOUND LANE CLOSURES ON NORTH MAIN, THE LIGHTS AT THE INTERSECTION SHALL BE ON FLASHING RED.

EXTENDED LEG BARRICADES WITH STEADY BURNING LIGHTS SHALL BE USED IN THE DROPOFFS DURING PERIODS WHEN ALL LANES ARE OPEN TO TRAFFIC; HOWEVER, VERTICAL PANELS ARE TO BE INSTALLED ALONG THE EDGE OF PAVEMENT OF NORTHBOUND IL 3 DURING THE PERIOD WHEN THE TRENCH IS MORE THAN 12" DEEP.

STANDARD 701501 SHALL BE USED ON NORTH MAIN STREET AND STANDARD 701422 SHALL BE USED ON NORTHBOUND IL 3. THE COST OF THE APPLICATION OF THESE STANDARDS AND ALL TRAFFIC CONTROL DEVICES AS HEREIN SPECIFIED AND ANY ADDITIONAL TRAFFIC CONTROL INCLUDING FLAGGERS AS DEEMED NECESSARY BY THE RESIDENT ENGINEER SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).

- WORK AREAS
- BARRICADE WITH STEADY BURNING LIGHT
- VERTICAL PANELS AT 50' CENTERS

| REVISIONS | |
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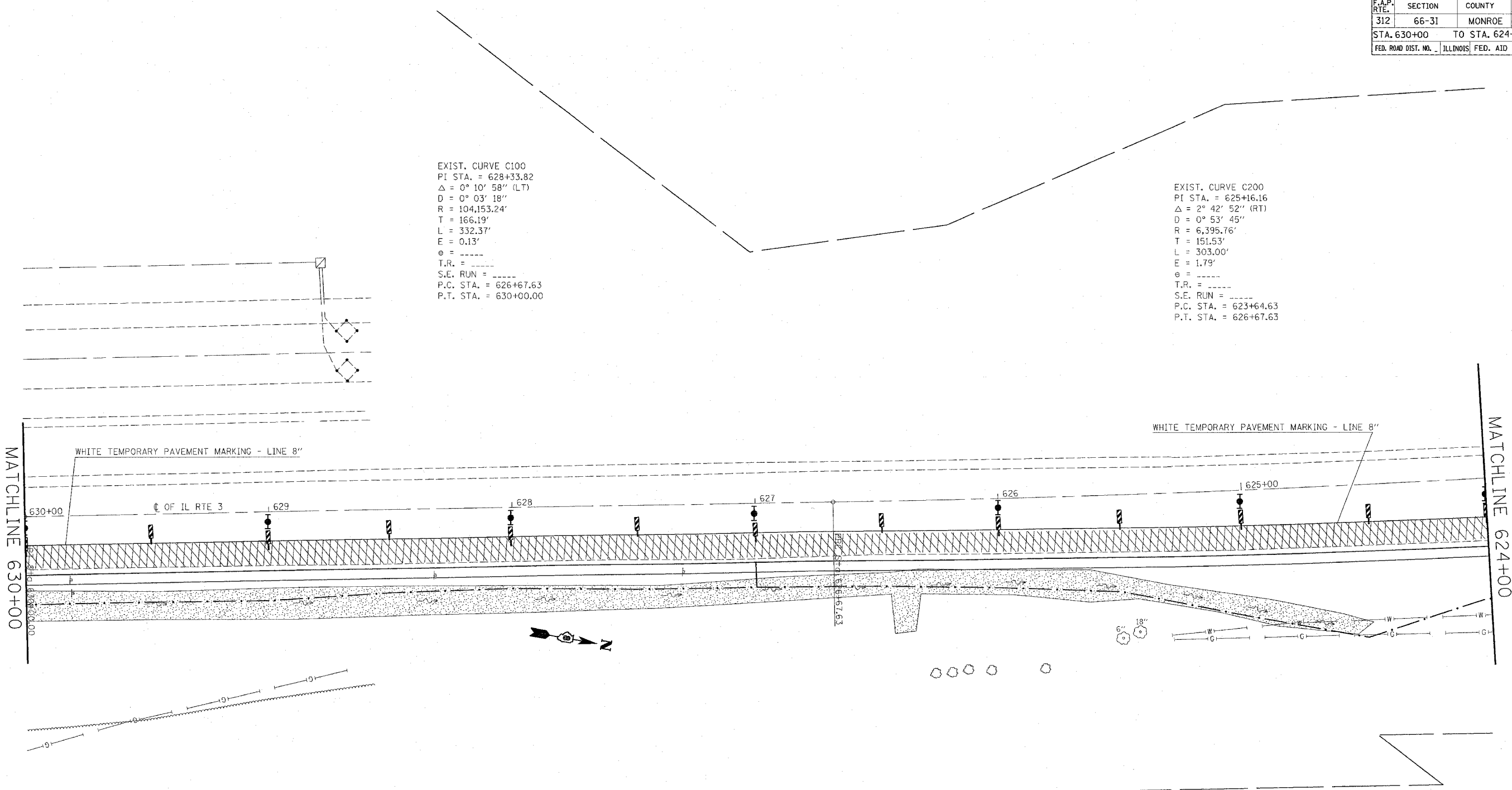
ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL PLAN
 FAP ROUTE 312
 SECTION 66-3I
 MONROE COUNTY
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____
 DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 2/8/2006
 FILE NAME = c:\p\proj\6631\6631\plan\tbl\tbl302b.dgn
 PLOT SCALE = 28.0000 / IN.
 REFERENCE = SHEETS

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------|--------|--------------|-----------|
| 312 | 66-31 | MONROE | 45 | 16 |
| STA. 630+00 TO STA. 624+00 | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |

EXIST. CURVE C100
 PI STA. = 628+33.82
 $\Delta = 0^\circ 10' 58''$ (LT)
 $D = 0^\circ 03' 18''$
 $R = 104,153.24'$
 $T = 166.19'$
 $L = 332.37'$
 $E = 0.13'$
 $e = \text{-----}$
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 626+67.63
 P.T. STA. = 630+00.00

EXIST. CURVE C200
 PI STA. = 625+16.16
 $\Delta = 2^\circ 42' 52''$ (RT)
 $D = 0^\circ 53' 45''$
 $R = 6,395.76'$
 $T = 151.53'$
 $L = 303.00'$
 $E = 1.79'$
 $e = \text{-----}$
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 623+64.63
 P.T. STA. = 626+67.63



MATCHLINE 630+00




MATCHLINE 624+00



NOTES:

VERTICAL PANELS ARE TO BE INSTALLED ALONG THE EDGE OF PAVEMENT OF NORTHBOUND IL 3 DURING THE PERIOD WHEN THE TRENCH IS MORE THAN 12" DEEP; THEN EXTENDED LEG BARRICADES WITH STEADY BURNING LIGHTS SHALL BE USED IN THE DROPOFFS DURING PERIODS WHEN ALL LANES ARE OPEN TO TRAFFIC.

STANDARD 701501 SHALL BE USED ON NORTH MAIN STREET AND STANDARD 701422 SHALL BE USED ON NORTHBOUND IL 3. THE COST OF THE APPLICATION OF THESE STANDARDS AND ALL TRAFFIC CONTROL DEVICES AS HEREIN SPECIFIED AND ANY ADDITIONAL TRAFFIC CONTROL INCLUDING FLAGGERS AS DEEMED NECESSARY BY THE RESIDENT ENGINEER SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).

-  WORK AREA
-  BARRICADE WITH STEADY BURNING LIGHT
-  VERTICAL PANELS AT 50' CENTERS

| REVISIONS | |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL PLAN
 FAP ROUTE 312
 SECTION 66-31
 MONROE COUNTY

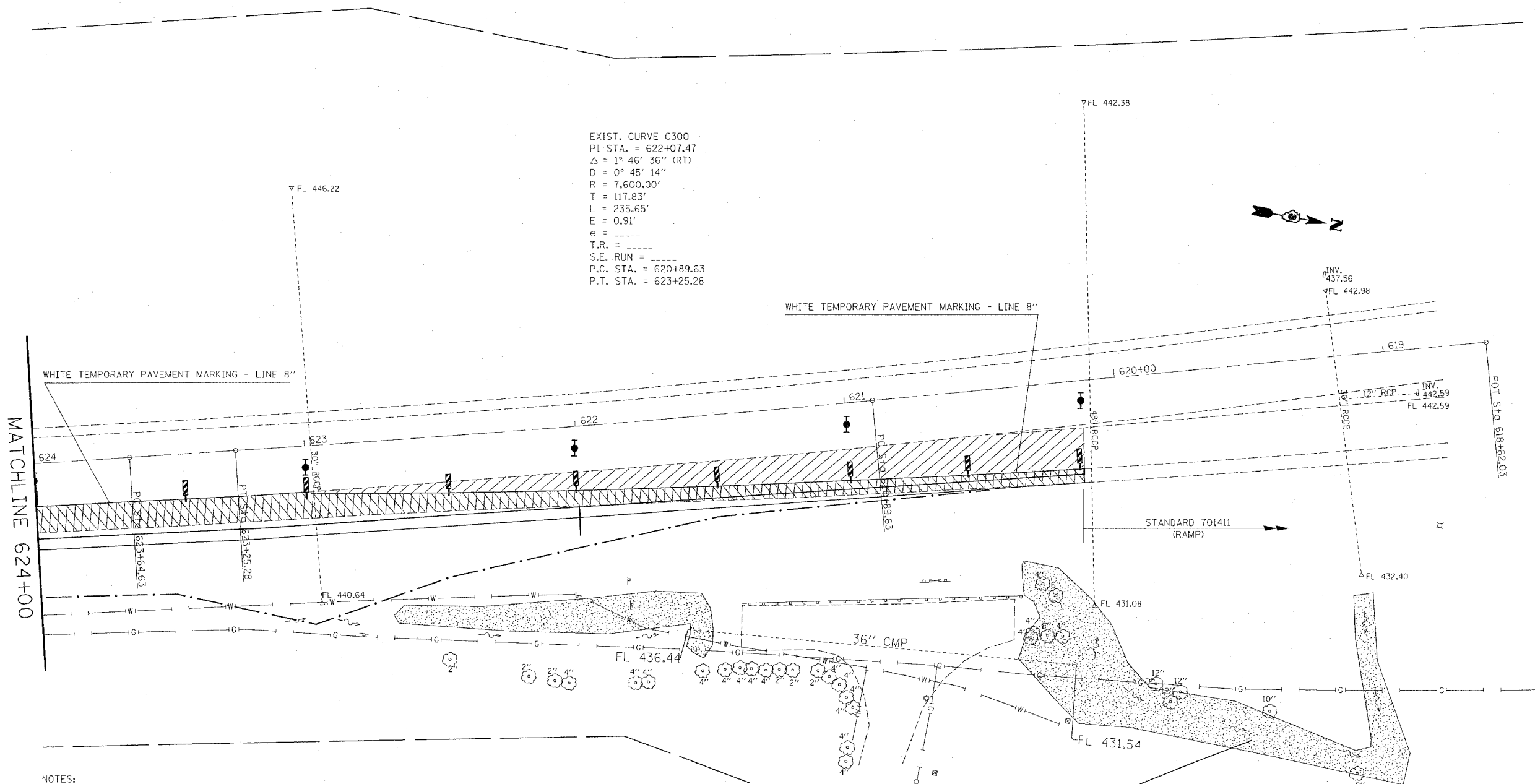
SCALE: VERT. _____
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 DATE _____

DRAWN BY _____
 CHECKED BY _____

PLOT DATE\$DATE\$
 FILE NAME\$FILE\$
 PLOT SCALE\$SCALE\$
 REFERENCE\$REF\$

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------|----------------|--------------|-----------|
| 312 | 66-31 | MONROE | 45 | 17 |
| STA. 624+00 | | TO STA. 620+12 | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |

EXIST. CURVE C300
 PI STA. = 622+07.47
 $\Delta = 1^\circ 46' 36''$ (RT)
 $D = 0^\circ 45' 14''$
 $R = 7,600.00'$
 $T = 117.83'$
 $L = 235.65'$
 $E = 0.91'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 $P.C. STA. = 620+89.63$
 $P.T. STA. = 623+25.28$



NOTES:
 ACCESS SHALL BE MAINTAINED AT ALL TIMES TO THE PALMER/QUARRY ROAD RAMP.

VERTICAL PANELS ARE TO BE INSTALLED ALONG THE EDGE OF PAVEMENT OF NORTHBOUND IL 3 DURING THE PERIOD WHEN THE TRENCH IS MORE THAN 12" DEEP; THEN EXTENDED LEG BARRICADES WITH STEADY BURNING LIGHTS SHALL BE USED IN THE DROPOFFS DURING PERIODS WHEN ALL LANES ARE OPEN TO TRAFFIC.

STANDARD 701501 SHALL BE USED ON NORTH MAIN STREET AND STANDARD 701422 SHALL BE USED ON NORTHBOUND IL 3. THE COST OF THE APPLICATION OF THESE STANDARDS AND ALL TRAFFIC CONTROL DEVICES AS HEREIN SPECIFIED AND ANY ADDITIONAL TRAFFIC CONTROL INCLUDING FLAGGERS AS DEEMED NECESSARY BY THE RESIDENT ENGINEER SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).

- WORK AREAS
- BARRICADE WITH STEADY BURNING LIGHT
- VERTICAL PANELS AT 50' CENTERS

| REVISIONS | |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL PLAN
 FAP ROUTE 312
 SECTION 66-31
 MONROE COUNTY

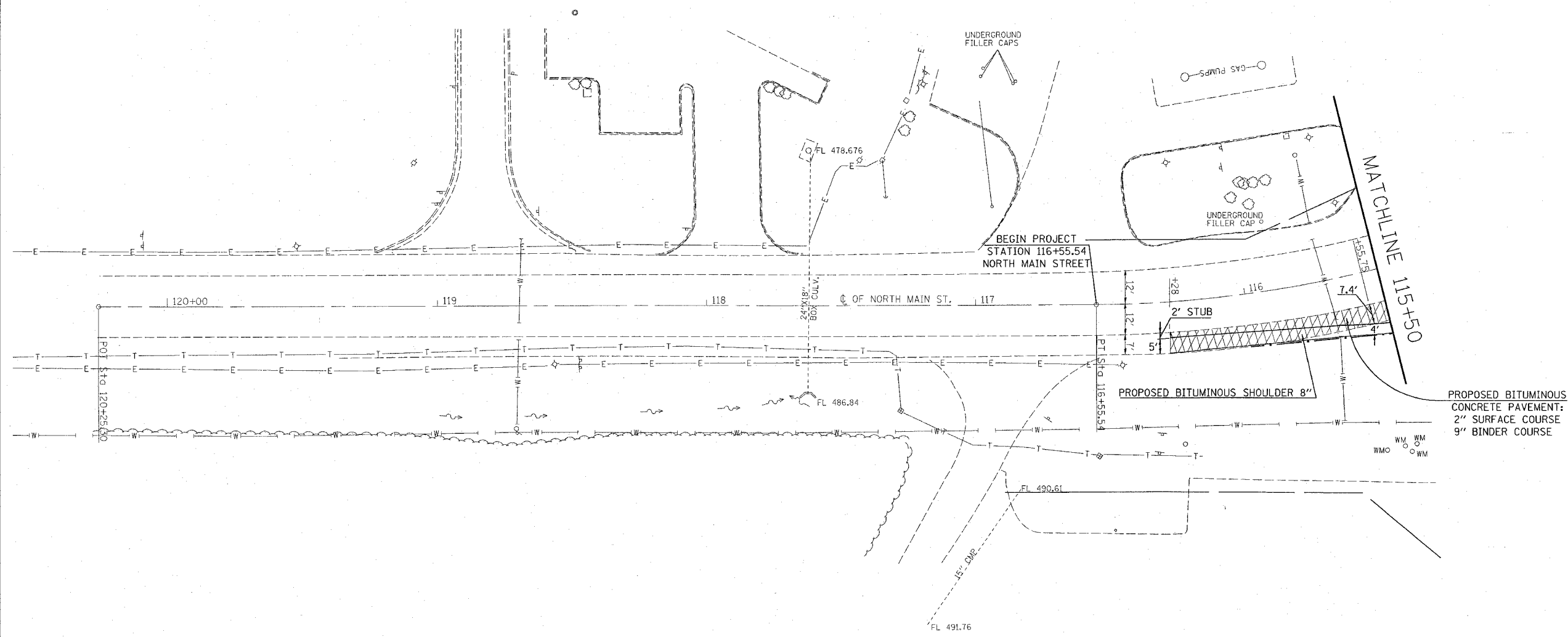
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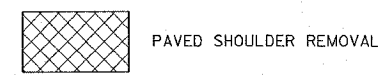
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 PLOT SCALE = #SCALE#
 REFERENCE = #REF#

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------|--------|--------------|-----------|
| 312 | 66-3I | MONROE | 45 | 18 |
| STA. 116+55.54 TO STA. 115+50 | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |

EXIST. CURVE C1
 PI STA. = 115+12.13
 $\Delta = 40^\circ 26' 05''$ (RT)
 $D = 13^\circ 28' 53''$
 $R = 425.00'$
 $T = 156.52'$
 $L = 299.93'$
 $E = 27.90'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 113+55.61$
 $P.T. STA. = 116+55.54$



PROPOSED BITUMINOUS
 CONCRETE PAVEMENT:
 2" SURFACE COURSE
 9" BINDER COURSE



| REVISIONS | |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN SHEET
 FAP ROUTE 312
 SECTION 66-3I
 MONROE COUNTY

SCALE: VERT. _____
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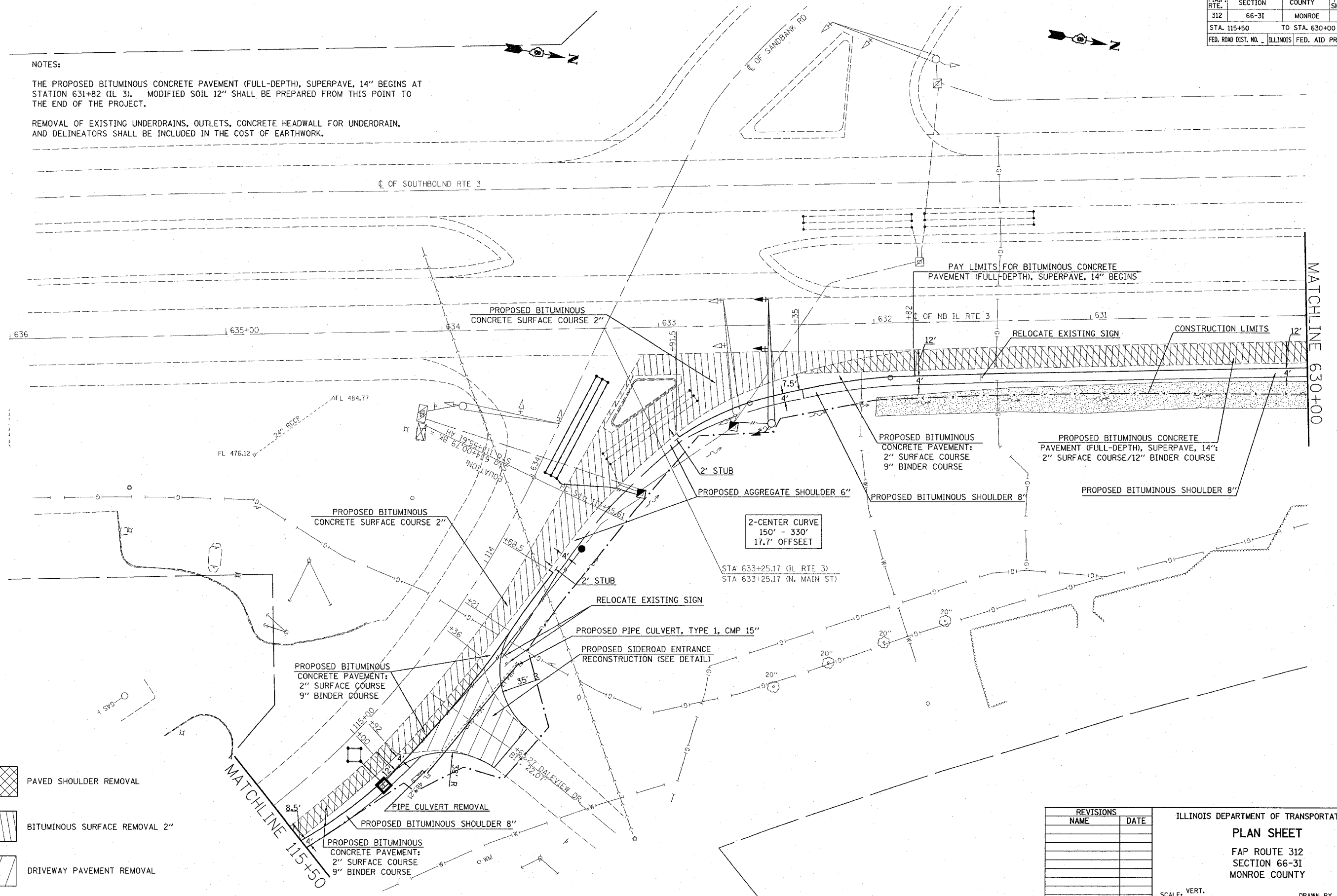
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 PLOT SCALE * SCALE *
 REFERENCE * REF# *


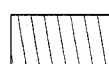
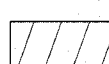
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------|----------------|------------------|-----------|
| 312 | 66-31 | MONROE | 45 | 19 |
| STA. 115+50 | | TO STA. 630+00 | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |

NOTES:

THE PROPOSED BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 14" BEGINS AT STATION 631+82 (IL 3). MODIFIED SOIL 12" SHALL BE PREPARED FROM THIS POINT TO THE END OF THE PROJECT.

REMOVAL OF EXISTING UNDERDRAINS, OUTLETS, CONCRETE HEADWALL FOR UNDERDRAIN, AND DELINEATORS SHALL BE INCLUDED IN THE COST OF EARTHWORK.



-  PAVED SHOULDER REMOVAL
-  BITUMINOUS SURFACE REMOVAL 2"
-  DRIVEWAY PAVEMENT REMOVAL

PLOT DATE = 2/7/2006
 FILE NAME = c:\Users\jessica\Documents\76952\plan\76952.dgn
 PLOT SCALE = 20.00000' / 1" IN.
 REFERENCE = #REF#

| REVISIONS | |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN SHEET
 FAP ROUTE 312
 SECTION 66-31
 MONROE COUNTY

SCALE: VERT. / HORIZ.
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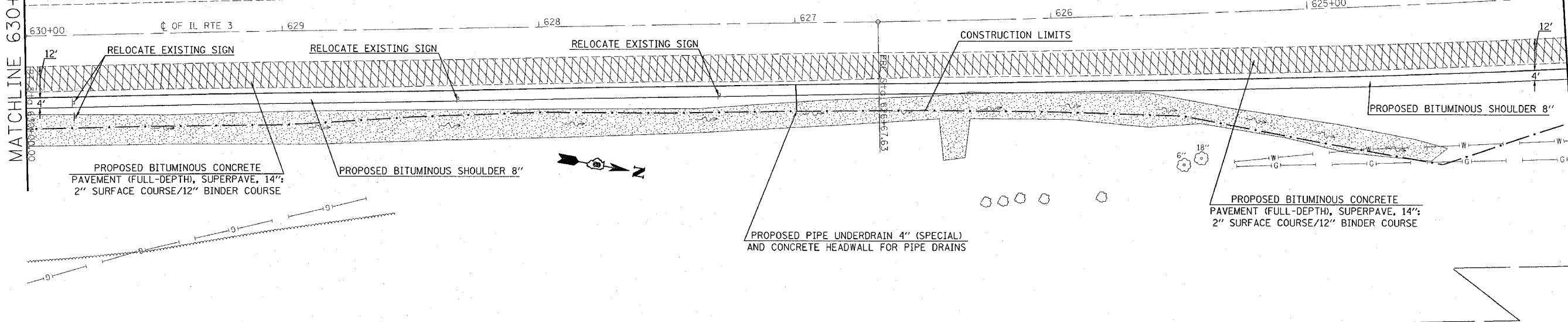
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------|----------------|------------------|-----------|
| 312 | 66-3I | MONROE | 45 | 20 |
| STA. 630+00 | | TO STA. 624+00 | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |

EXIST. CURVE C100
 PI STA. = 628+33.82
 $\Delta = 0^\circ 10' 58''$ (LT)
 $D = 0^\circ 03' 18''$
 $R = 104,153.24'$
 $T = 166.19'$
 $L = 332.37'$
 $E = 0.13'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 626+67.63$
 $P.T. STA. = 630+00.00$

EXIST. CURVE C200
 PI STA. = 625+16.16
 $\Delta = 2^\circ 42' 52''$ (RT)
 $D = 0^\circ 53' 45''$
 $R = 6,395.76'$
 $T = 151.53'$
 $L = 303.00'$
 $E = 1.79'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 623+64.63$
 $P.T. STA. = 626+67.63$

MATCHLINE 630+00

MATCHLINE 624+00



NOTES:

MODIFIED SOIL 12" SHALL BE PREPARED FOR PLACEMENT OF PROPOSED BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 14".

REMOVAL OF EXISTING UNDERDRAINS, OUTLETS, CONCRETE HEADWALL FOR UNDERDRAIN, AND DELINEATORS SHALL BE INCLUDED IN THE COST OF EARTHWORK.

PAVED SHOULDER REMOVAL

| REVISIONS | |
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ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN SHEET

FAP ROUTE 312
 SECTION 66-3I
 MONROE COUNTY

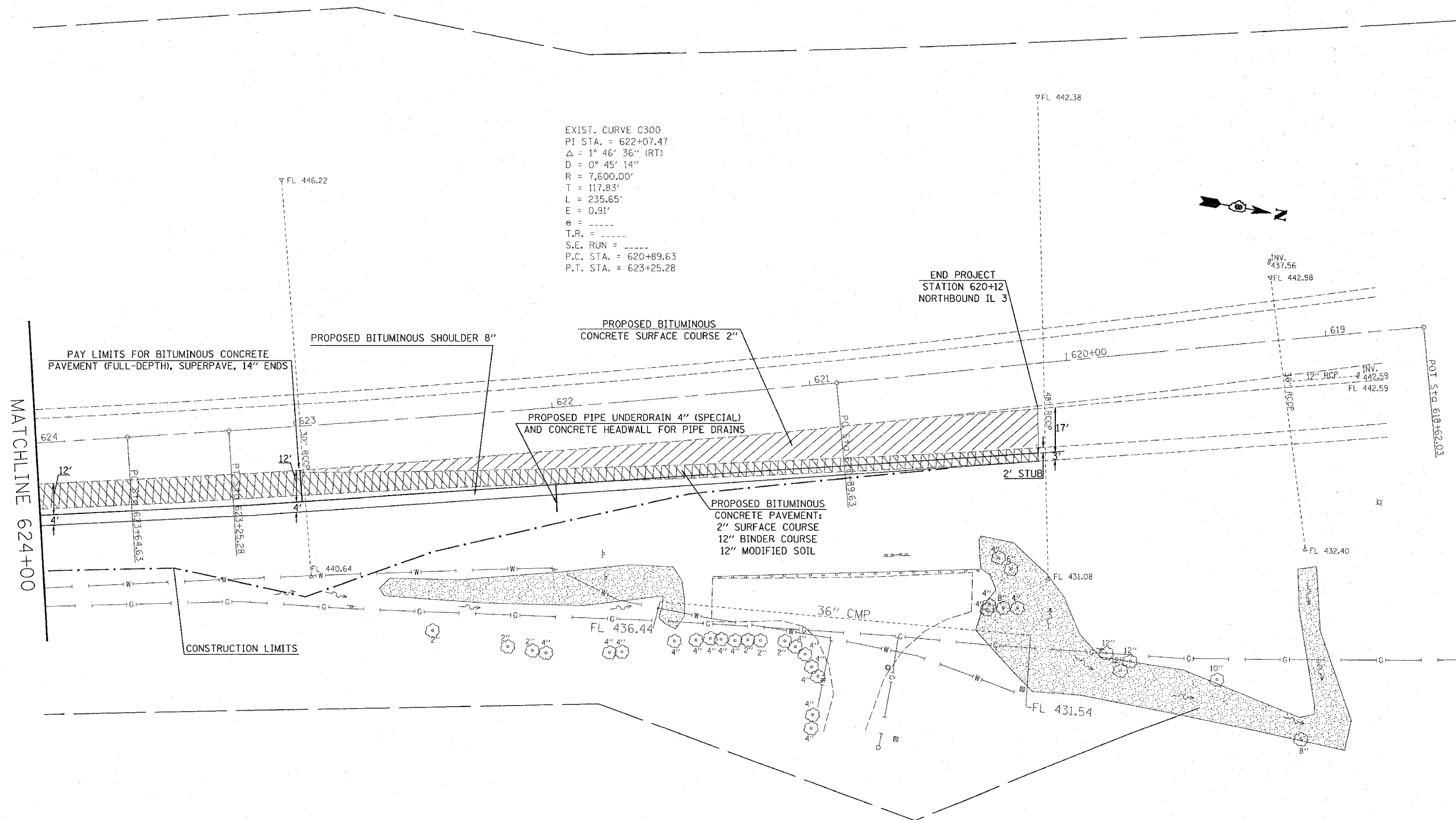
SCALE: VERT.
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PLOT DATE = #DATE*
 FILE NAME = #FILE#*
 PLOT SCALE = #SCALE*
 REFERENCE = #REF*

| CONTRACT NO. 76952 | | | | |
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 312 | 66-3I | MONROE | 45 | 21 |
| STA. 624+00 | | TO STA. 620+12 | | |
| FED. ROAD DIST. NO. ILLINOIS | | FED. AID PROJECT | | |

EXIST. CURVE C300
 PI STA. = 622+07.47
 $\Delta = 1^\circ 46' 36''$ (RT)
 $D = 0^\circ 45' 14''$
 $R = 7,600.00'$
 $T = 117.83'$
 $L = 235.65'$
 $E = 0.91'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 $P.C. STA. = 620+89.63$
 $P.T. STA. = 623+25.28$



PAY LIMITS FOR BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 14" ENDS


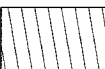
PROPOSED BITUMINOUS SHOULDER 8"

PROPOSED BITUMINOUS CONCRETE SURFACE COURSE 2"

PROPOSED PIPE UNDERDRAIN 4" (SPECIAL) AND CONCRETE HEADWALL FOR PIPE DRAINS

PROPOSED BITUMINOUS CONCRETE PAVEMENT: 2" SURFACE COURSE 12" BINDER COURSE 12" MODIFIED SOIL

CONSTRUCTION LIMITS

-  PAVED SHOULDER REMOVAL
-  BITUMINOUS SURFACE REMOVAL 2"

NOTES:
 MODIFIED SOIL 12" SHALL BE PREPARED FOR PLACEMENT OF PROPOSED BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 14" AND BITUMINOUS WIDENING EXTENDING TO STATION 620+12.
 REMOVAL OF EXISTING UNDERDRAINS, OUTLETS, CONCRETE HEADWALL FOR UNDERDRAIN, AND DELINEATORS SHALL BE INCLUDED IN THE COST OF EARTHWORK.

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ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN SHEET
 FAP ROUTE 312
 SECTION 66-3I
 MONROE COUNTY

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 2/1/2006
 FILE NAME = c:\projects\76952\plan\76952-21.dgn
 PLOT SCALE = 28.0000 / IN.
 REFERENCE = #REF#

| FAP ROUTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO |
|--------------------|---------|---------|--------------|----------|
| 312 | 66-31 | MONROE | 45 | 22 |
| STA. | | TO STA. | | |
| CONTRACT NO. 16992 | | | | |

| SCHEDULE OF QUANTITIES | | | CONSTRUCTION TYPE CODE Y031-IF | | |
|------------------------|--|-------|--------------------------------|--------|-------|
| CODE NO | ITEM | UNIT | TOTAL QUANTITIES | ----- | ----- |
| 72000100 | SIGN PANEL - TYPE 1 | SQ FT | 5 | 5 | |
| 72400710 | RELOCATE SIGN PANEL - TYPE 1 | SQ FT | 12.5 | 12.5 | |
| 80300100 | LOCATING UNDERGROUND CABLE | FOOT | 500 | 500 | |
| 81012300 | CONDUIT IN TRENCH, 1" DIA., PVC | FOOT | 13.5 | 13.5 | |
| 81012500 | CONDUIT IN TRENCH, 1 1/2" DIA., PVC | FOOT | 140 | 140 | |
| 81012600 | CONDUIT IN TRENCH, 2" DIA., PVC | FOOT | 15.5 | 15.5 | |
| 81500200 | TRENCH AND BACKFILL FOR ELECTRICAL WORK | FOOT | 169 | 169 | |
| 87301245 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C | FOOT | 472.5 | 472.5 | |
| 87301255 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C | FOOT | 278.5 | 278.5 | |
| 87700320 | STEEL MAST ARM ASSEMBLY AND POLE 55 FT. | EACH | 1 | 1 | |
| 87800415 | CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER | FOOT | 20 | 20 | |
| 88600100 | DETECTOR LOOP, TYPE I | FOOT | 224 | 224 | |
| 89502300 | REMOVE ELECTRIC CABLE FROM CONDUIT | FOOT | 684 | 684 | |
| 89502350 | REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT | FOOT | 2049.5 | 2049.5 | |
| 89502375 | REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 1 | 1 | |
| 89502385 | REMOVE EXISTING CONCRETE FOUNDATION | EACH | 1 | 1 | |
| X8801300 | SIGNAL HEAD ,POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED | EACH | 1 | 1 | |
| X8801310 | SIGNAL HEAD ,POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED | EACH | 1 | 1 | |
| X8801400 | SIGNAL HEAD ,POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED | EACH | 1 | 1 | |
| X8950200 | REBUILD EXISTING HANDHOLE | EACH | 2 | 2 | |
| X8950210 | REBUILD EXISTING HANDHOLE TO HEAVY-DUTY HANDHOLE | EACH | 1 | 1 | |

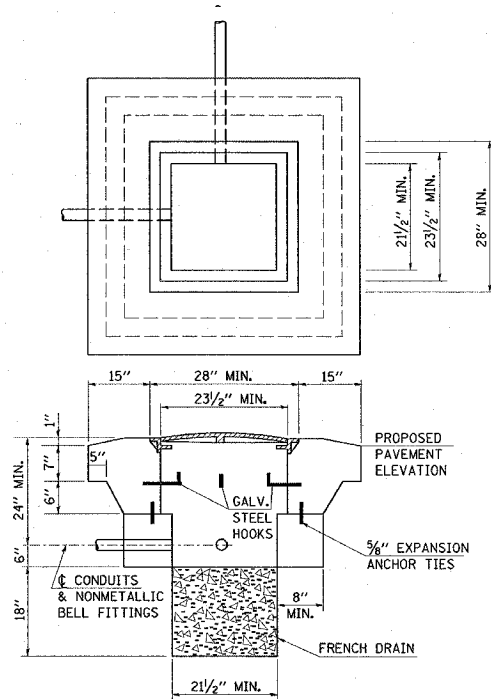
ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SIGNAL
SCHEDULE OF QUANTITIES

FAP ROUTE 312
SECTION 66-31
MONROE COUNTY

| FAP ROUTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|---------|---------|--------------|-----------|
| 312 | 66-31 | MONROE | 45 | 23 |
| STA. | | TO STA. | | |
| CONTRACT NO. 75992 | | | | |

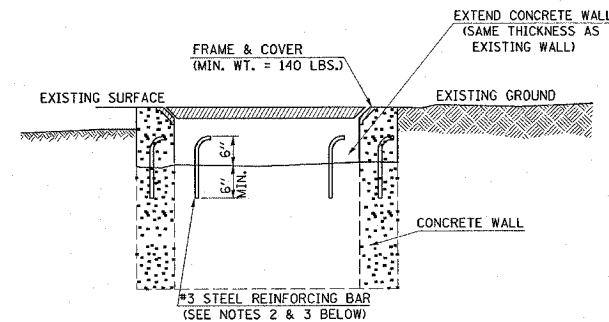
ELECTRICAL GENERAL NOTES

- ALL VEHICLE SIGNAL HEADS SHALL HAVE 12" SECTIONS. MOUNTING HARDWARE SHALL BE UNPAINTED ALUMINUM. ALL BOLTS, SCREWS, NUTS AND WASHERS SHALL BE STAINLESS STEEL. ANTI-SEIZE PASTE COMPOUND SHALL BE USED ON ALL MOUNTING HARDWARE FIELD CONNECTIONS.
- BACKPLATES SHALL BE ABS PLASTIC.
- THE LOCATION OF MAST ARM SUPPORTS SHALL BE APPROVED BY THE ENGINEER BEFORE FOUNDATIONS ARE CONSTRUCTED. MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 10 FEET FROM THE EDGE OF PAVEMENT OR 2 FEET FROM THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. IN CURBED SECTIONS, THE MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 10 FEET FROM THE EDGE OF PAVEMENT OR 2 FEET FROM THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. IN CURBED SECTIONS, THE MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 5 FEET FROM THE FACE OF THE CURB. THESE DISTANCES ARE TO THE NEAR FACE OF THE MAST ARM POLE.
- ALL TRAFFIC SIGNAL CABLES SHALL BE #14 AWG STRANDED COPPER UNLESS OTHERWISE SPECIFIED. TERMINAL ENDS SHALL HAVE CRIMPED-ON RING TONGUE CONNECTORS.
- THE LOCATION OF ALL DETECTOR LOOPS SHALL BE APPROVED BY THE ENGINEER BEFORE ANY SLOTS ARE SAWED IN THE PAVEMENT.
- DETECTOR LOOP LEAD-IN SPLICES SHALL BE MADE IN A HANDHOLE PER SECTION 873 OF THE STANDARD SPECIFICATIONS. CONDUCTORS SHALL BE SPLICED IN A RIGID MOLD FILLED WITH NON-HARDENING EPOXY FILLER. ROSIN-CORE SOLDER SHALL BE USED.
- CALL CARRY-OVER SHALL FUNCTION ONLY WHEN THE RELATED PHASES ARE IN THE GREEN MODE.
- ALL INDUCTIVE LOOP DETECTORS SUPPLIED FOR THIS PROJECT SHALL HAVE THE CAPACITY OF OPERATING WITH BOTH DELAY AND EXTENSION MODES ACTIVE. IF A TIME SETTING IS PROGRAMMED. THEY SHALL BE RACK MOUNTED.
- ALL HANDHOLES SHALL BE CAST-IN-PLACE PORTLAND CEMENT CONCRETE (PER ARTICLE 814.031(b)). THE CAST IN PLACE LEGEND IN THE COVER SHALL BE "TRAFFIC SIGNALS". SLOPE HANDHOLE COVERS TO MATCH PROPOSED GRADE ELEVATIONS.
- LOCATE UNDERGROUND CABLES PRIOR TO ATTEMPTING TO CONSTRUCT THIS PROJECT.
- THE DEPTH AND DIAMETER OF THE CONCRETE FOUNDATION FOR THE MAST ARM SUPPORT POLE IS AS FOLLOWS:
N-E CORNER: 20'-0" DEEP AND 36" DIAMETER
- ABANDON EXISTING CONDUIT AND CABLES IN PLACE.



DETAIL D
REBUILD TO HEAVY DUTY HANDHOLE

- NOTES:**
- USE 5/8" Ø EXPANSION ANCHOR TIES AT 6" CENTERS, 20 TOTAL. COST OF MATERIAL AND LABOR WILL BE INCIDENTAL TO REBUILD HEAVY DUTY HANDHOLE.
 - CANNOT EXCAVATE BELOW TOP OF EXISTING CONDUIT UNLESS OTHERWISE SPECIFIED TO BE REMOVED.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE THAT MAY OCCUR TO EXISTING CABLES.
 - THE MINIMUM WEIGHT OF THE FRAME AND COVER SHALL BE 260 LBS.
 - THIS DETAIL IS TO BE USED IN CONJUNCTION WITH STANDARD 814001, GENERAL NOTES AND THE SPECIAL PROVISION REBUILD EXISTING HANDHOLE TO HEAVY DUTY HANDHOLE.

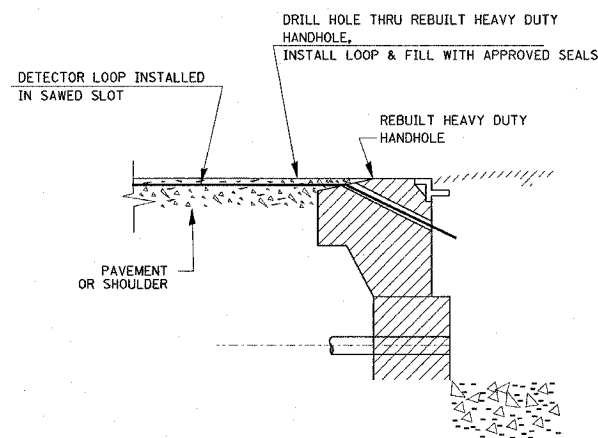


DETAIL F
REBUILD EXISTING HANDHOLE

- NOTES:**
- REMOVE EXISTING FRAME AND COVER.
 - DRILL CONCRETE WALL (2 LOCATIONS PER WALL).
 - INSTALL REBAR AND GROUT.
 - RAISE/LOWER ELEVATION OF CONCRETE WALLS SO THAT THE TOP OF THE INSTALLED FRAME AND COVER WILL BE THE SAME GRADE AS THE TOP OF THE PROPOSED GRADE.
 - THIS DETAIL TO BE USED IN CONJUNCTION WITH STANDARD 814001, GENERAL NOTES AND THE SPECIAL PROVISIONS "REBUILD EXISTING HANDHOLE".
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE THAT MAY OCCUR TO THE EXISTING CABLES.

TRAFFIC SIGNALS LEGEND

- | | |
|------|--|
| GSC | GALVANIZED STEEL CONDUIT |
| PVCC | POLYVINYL CHLORIDE CONDUIT |
| | EXISTING SIGNAL POST |
| | EXISTING TRAFFIC SIGNAL MAST ARM |
| | EXISTING HANDHOLE |
| | EXISTING DOUBLE HANDHOLE |
| | EXISTING DETECTOR LOOP |
| | EXISTING CONTROLLER |
| | EXISTING STREET NAME SIGN/TRAFFIC SIGN |
| | EXISTING SERVICE INSTALLATION |
| | EXISTING GALVANIZED STEEL CONDUIT |
| | PROPOSED SIGNAL HEAD WITH BACKPLATE, MAST ARM MOUNTED |
| | PROPOSED HANDHOLE |
| | PROPOSED DOUBLE HANDHOLE |
| | PROPOSED HEAVY DUTY HANDHOLE |
| | PROPOSED DETECTOR LOOP |
| | PROPOSED CONTROLLER |
| | PROPOSED CONDUIT: "T" TRENCH, "P" PUSH, SIZE SPECIFIED |
| | PROPOSED STREET NAME SIGN/TRAFFIC SIGN |
| | PROPOSED SIGNAL POST |



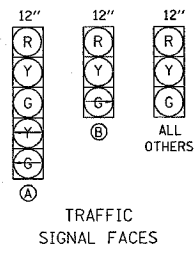
DETAIL E
DETECTOR LOOP INSTALLED
IN SAWED HEAVY DUTY HANDHOLE SLOT

- NOTE:**
DETECTOR LOOP INSTALLED IN SAWED SLOT IN SAWED HEAVY DUTY HANDHOLE SLOT SHALL BE INCLUDED IN PAY ITEM FOR DETECTOR LOOP, TYPE 1

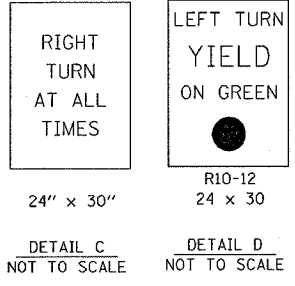
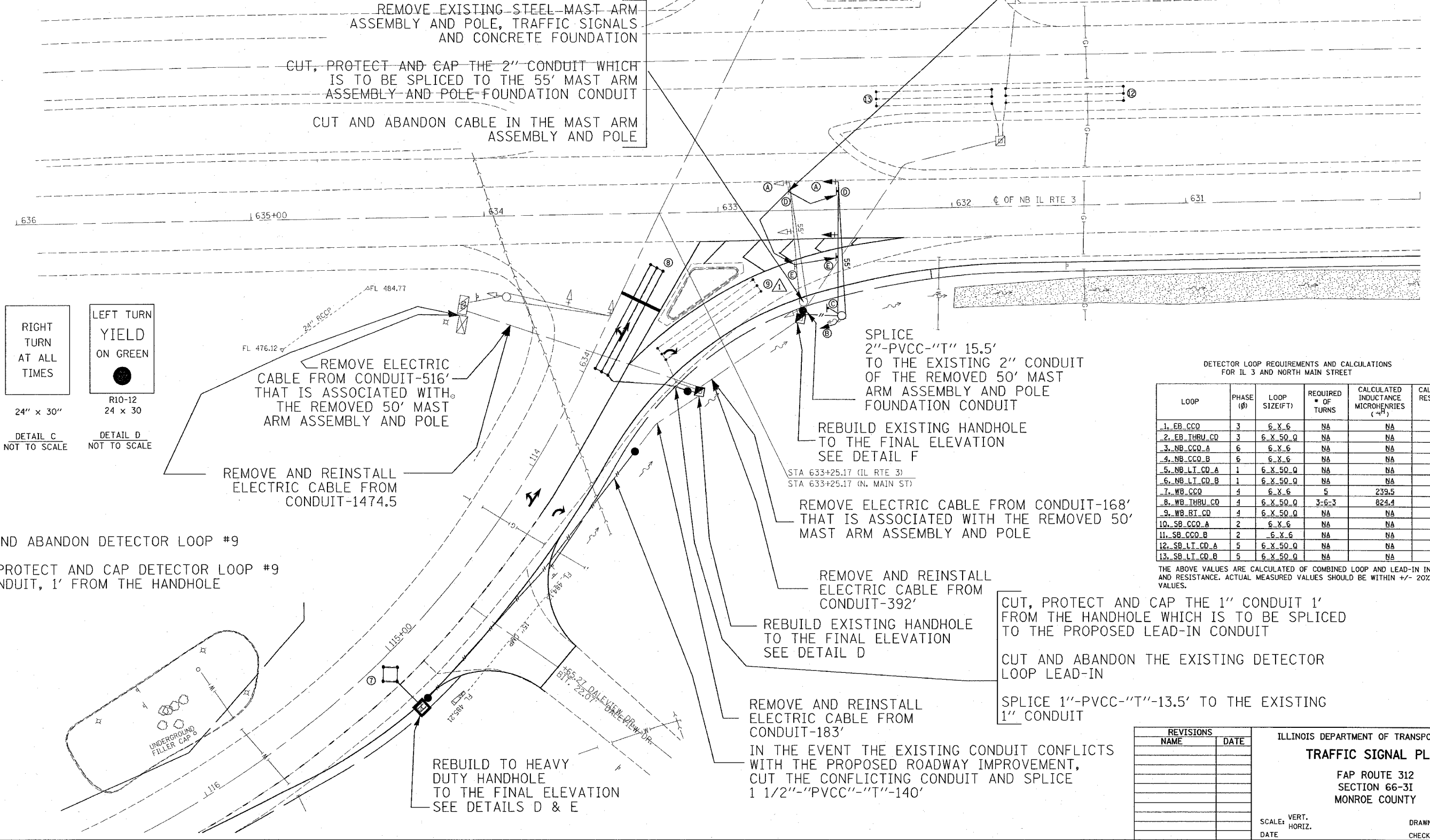
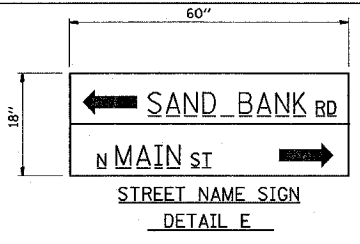
ILLINOIS DEPARTMENT OF TRANSPORTATION
ELECTRICAL GENERAL NOTES, LEGEND
AND DETAILS

FAP ROUTE 312
SECTION 66-31
MONROE COUNTY

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------------|---------|---|--------------|-----------|
| 312 | 66-31 | MONROE | 45 | 24 |
| STA. _____ TO STA. _____ | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | |



| TRAFFIC SIGNAL FACES | TRAFFIC SIGNAL ELECTRICAL CABLES |
|----------------------|--|
| (A) | ELECTRIC CABLE IN CONDUIT, SIGNAL NO.14 7C |
| (B) & ALL OTHERS | ELECTRIC CABLE IN CONDUIT, SIGNAL NO.14 5C |



DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR IL 3 AND NORTH MAIN STREET

| LOOP | PHASE (Ø) | LOOP SIZE(FT) | REQUIRED # OF TURNS | CALCULATED INDUCTANCE MICROHENRIES (µH) | CALCULATED RESISTANCE OHMS (Ω) |
|----------------|-----------|---------------|---------------------|---|--------------------------------|
| 1. EB_CCO | 3 | 6 X 6 | NA | NA | NA |
| 2. EB_THRU_CD | 3 | 6 X 50.0 | NA | NA | NA |
| 3. NB_CCO_A | 6 | 6 X 6 | NA | NA | NA |
| 4. NB_CCO_B | 6 | 6 X 6 | NA | NA | NA |
| 5. NB_LT_CD_A | 1 | 6 X 50.0 | NA | NA | NA |
| 6. NB_LT_CD_B | 1 | 6 X 50.0 | NA | NA | NA |
| 7. WB_CCO | 4 | 6 X 6 | 5 | 239.5 | 1.9 |
| 8. WB_THRU_CD | 4 | 6 X 50.0 | 3-6-3 | 824.4 | 2.5 |
| 9. WB_RT_CD | 4 | 6 X 50.0 | NA | NA | NA |
| 10. SB_CCO_A | 2 | 6 X 6 | NA | NA | NA |
| 11. SB_CCO_B | 2 | 6 X 6 | NA | NA | NA |
| 12. SB_LT_CD_A | 5 | 6 X 50.0 | NA | NA | NA |
| 13. SB_LT_CD_B | 5 | 6 X 50.0 | NA | NA | NA |

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SIGNAL PLAN
FAP ROUTE 312
SECTION 66-31
MONROE COUNTY

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

PLOT DATE = 2/7/2006
FILE NAME = c:\projects\115\electrical\top\115386.dgn
PLOT SCALE = 28.0000 / IN.
REFERENCE = #REF#



Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 11/21/02

ROUTE FAP 312 DESCRIPTION Traffic Signals at IL 3 and North Main Sand Bank In Columbia LOGGED BY Larry Ford

SECTION 66-31 LOCATION NE 1/4, SEC. 17, TWP. 1S, RNG. 10W, 3 PM

COUNTY Monroe DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

| | | | | | | | | | | | |
|----------------------|--------------|------|-----|-----|---|---|------------------------------|------|-----|-----|---|
| STRUCT. NO. | N/A | D | B | U | M | | Surface Water Elev. _____ ft | D | B | U | M |
| Station | N/A | E | L | C | O | | Stream Bed Elev. _____ ft | P | L | C | O |
| | | T | O | S | I | S | | | | S | I |
| BORING NO. | 4 NE Quad | H | W | S | Q | T | Groundwater Elev. _____ ft | T | H | W | S |
| Station | 632 + 60 | S | Qu | T | | | First Encounter _____ ft | Qu | T | | |
| Offset | 70.00ft Left | | | | | | Upon Completion _____ ft | | | | |
| Ground Surface Elev. | 492.0 ft | (ft) | (#) | (%) | | | Alter _____ ft | (ft) | (#) | (%) | |

| | | | | | | | | | |
|---------------------------------------|---|-----|----|--|--|-------|-----|----|----|
| Brown and Gray SILT | 1 | | | | | 2 | | | 30 |
| | 2 | 0.7 | 26 | | | 6 | 1.9 | 30 | |
| | 4 | S10 | | | | 7 | S6 | | |
| | | | | | | 3 | | | |
| Gray and Brown Silty CLAY (continued) | | | | | | 6 | 2.3 | 22 | |
| | | | | | | 9 | S6 | | |
| | 1 | | | | | 4 | | | |
| | 3 | 1.1 | 26 | | | 7 | 1.3 | 28 | |
| Light Gray and Yellow Silty CLAY | 4 | S10 | | | | 7 | S6 | | |
| | | | | | | 4 | | | |
| | 3 | 1.1 | 26 | | | 456.5 | | | |
| | 4 | S10 | | | | 455.5 | | | |
| End of Boring | | | | | | | | | |
| | 1 | | | | | | | | |
| | 3 | 1.0 | 26 | | | | | | |
| | 3 | S15 | | | | | | | |
| Brown and Gray SILT | | | | | | | | | |
| | 1 | | | | | | | | |
| | 2 | 0.8 | 26 | | | | | | |
| | 3 | S | | | | | | | |
| Brown and Gray SILT | | | | | | | | | |
| | 1 | | | | | | | | |
| | 2 | 1.1 | 26 | | | | | | |
| | 3 | S | | | | | | | |
| Brown and Gray SILT | | | | | | | | | |
| | 1 | | | | | | | | |
| | 2 | 0.7 | 27 | | | | | | |
| | 3 | S | | | | | | | |
| Gray and Brown Silty CLAY | | | | | | | | | |
| | 1 | | | | | | | | |
| | 3 | 2.3 | 26 | | | | | | |
| | 5 | S6 | | | | | | | |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
 BBS, form 137 (Rev. 8-99)

| FAP ROUTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|---------|---------------|--------------|-----------|
| 312 | 66-31 | MONROE | 45 | 25 |
| STA. _____ | | TO STA. _____ | | |
| CONTRACT NO. 15252 | | | | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SOIL BORING LOGS
 FAP ROUTE 312
 SECTION 66-31
 MONROE COUNTY

DATE: 2/7/2006
 BY: jactag/eled03058/electr/coi/ib/tp/m09305a.dgn
 REF:
 .REF.

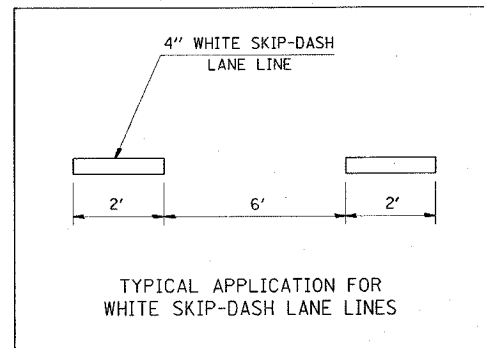
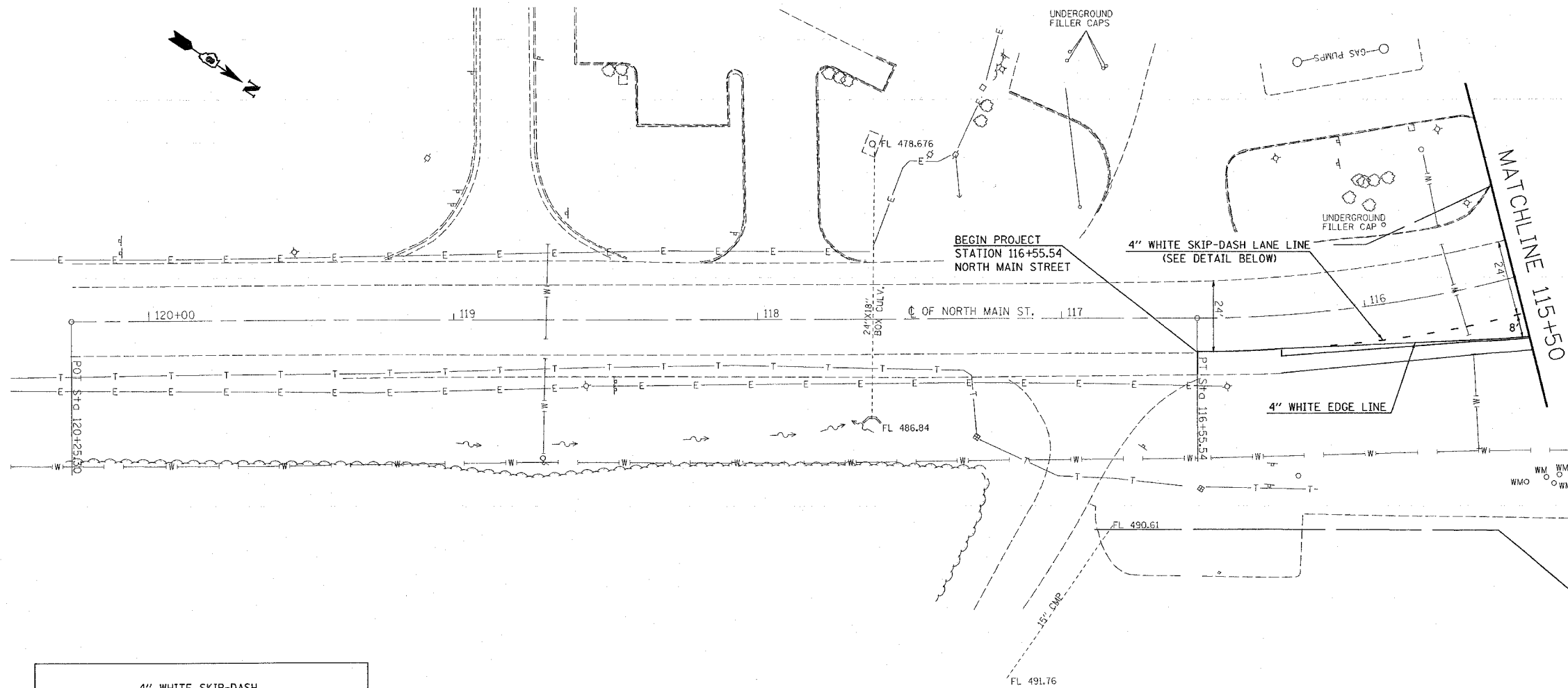
PLOT DATE: 2/7/2006

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------------------------|---------|------------------|--------------|-----------|
| 312 | 66-3I | MONROE | 45 | 26 |
| STA. 116+55.54 TO STA. 115+50 | | | | |
| FED. ROAD DIST. NO. ILLINOIS | | FED. AID PROJECT | | |

NOTE:

ALL PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH STANDARD 780001 UNLESS SHOWN OTHERWISE.

EXIST. CURVE C1
 PI STA. = 115+12.13
 $\Delta = 40^\circ 26' 05''$ (RT)
 $D = 13^\circ 28' 53''$
 $R = 425.00'$
 $T = 156.52'$
 $L = 299.93'$
 $E = 27.90'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA.} = 113+55.61$
 $P.T. \text{ STA.} = 116+55.54$



PLT DATE = #DATE
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 REFERENCE = #REF#

| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING AND SIGNING PLAN
 FAP ROUTE 312
 SECTION 66-3I
 MONROE COUNTY

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

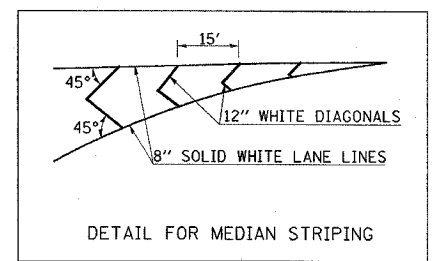
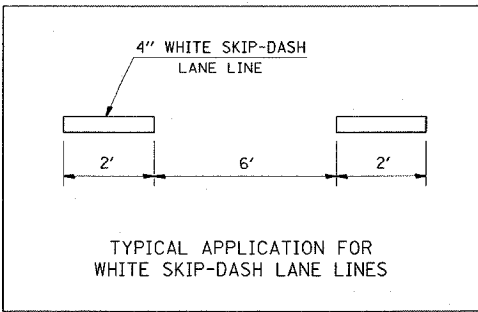
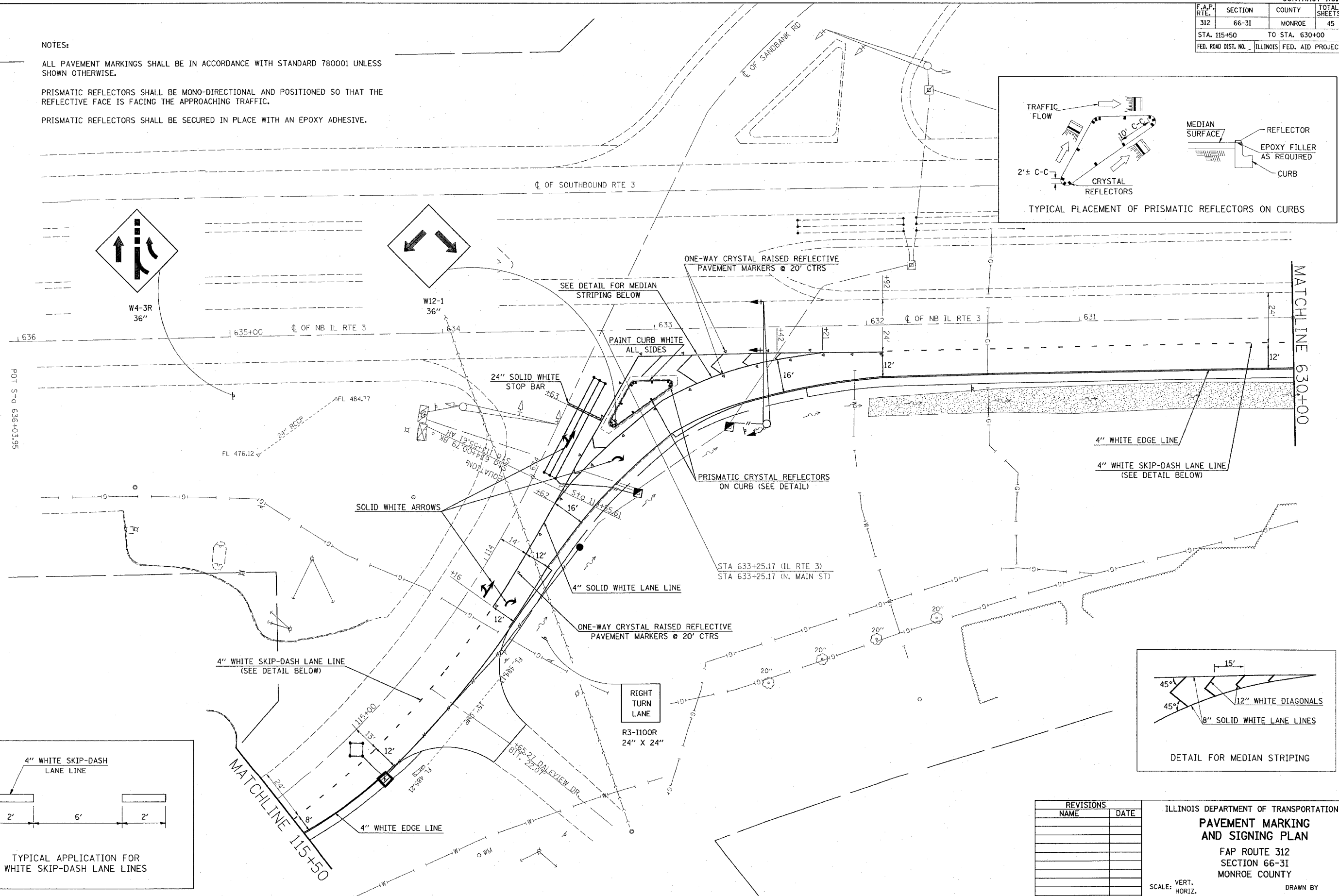
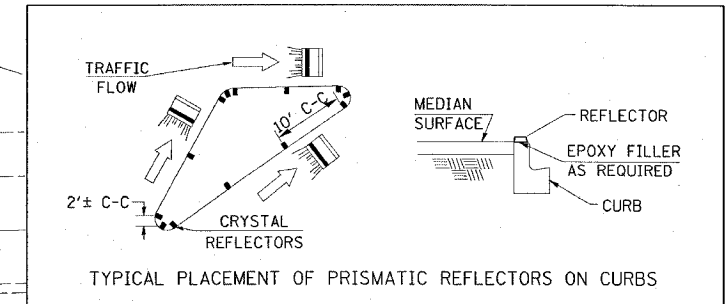
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|----------|------------------|--------------|-----------|
| 312 | 66-31 | MONROE | 45 | 27 |
| STA. 115+50 | | TO STA. 630+00 | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

NOTES:

ALL PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH STANDARD 780001 UNLESS SHOWN OTHERWISE.

PRISMATIC REFLECTORS SHALL BE MONO-DIRECTIONAL AND POSITIONED SO THAT THE REFLECTIVE FACE IS FACING THE APPROACHING TRAFFIC.

PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.



REVISIONS

| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING AND SIGNING PLAN
 FAP ROUTE 312
 SECTION 66-31
 MONROE COUNTY

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

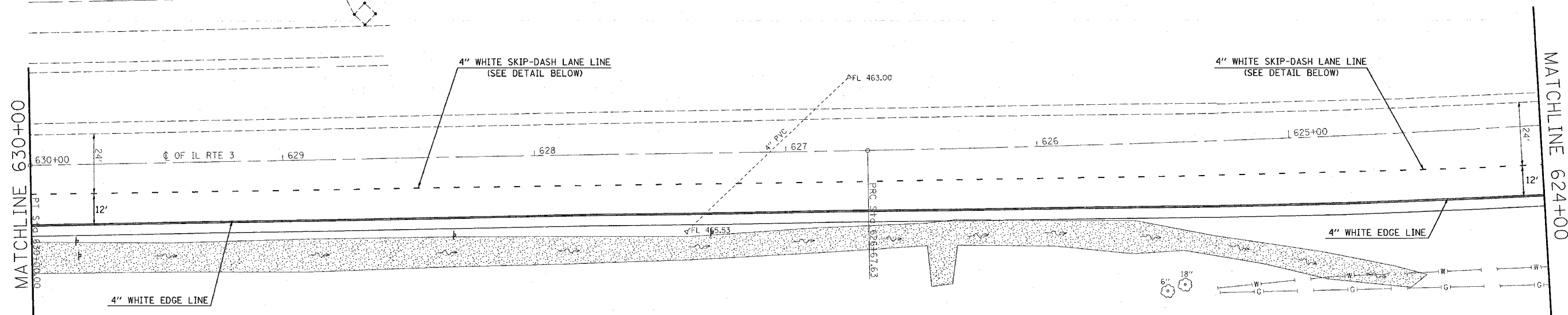
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 REFERENCE = #REF#

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------|---------------------------|--------------|-----------|
| 312 | 66-3I | MONROE | 45 | 28 |
| STA. 630+00 | | TO STA. 624+00 | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |

NOTE:
ALL PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH STANDARD 780001 UNLESS SHOWN OTHERWISE.

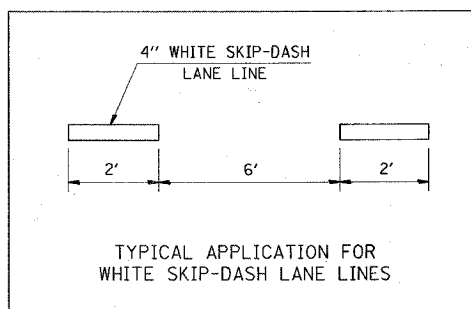
EXIST. CURVE C100
PI STA. = 628+33.82
 $\Delta = 0^\circ 10' 58''$ (LT)
D = $0^\circ 03' 18''$
R = 104,153.24'
T = 166.19'
L = 332.37'
E = 0.13'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 626+67.63
P.T. STA. = 630+00.00

EXIST. CURVE C200
PI STA. = 625+16.16
 $\Delta = 2^\circ 42' 52''$ (RT)
D = $0^\circ 53' 45''$
R = 6,395.76'
T = 151.53'
L = 303.00'
E = 1.79'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 623+64.63
P.T. STA. = 626+67.63



MATCHLINE 630+00

MATCHLINE 624+00



| REVISIONS | |
|-----------|------|
| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING AND SIGNING PLAN
FAP ROUTE 312
SECTION 66-3I
MONROE COUNTY

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

PLOT DATE = #DATE#
FILE NAME = #FILE#
PLOT SCALE = #SCALE#
REFERENCE = #REF#

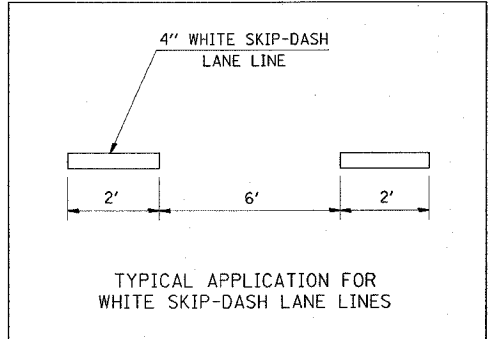
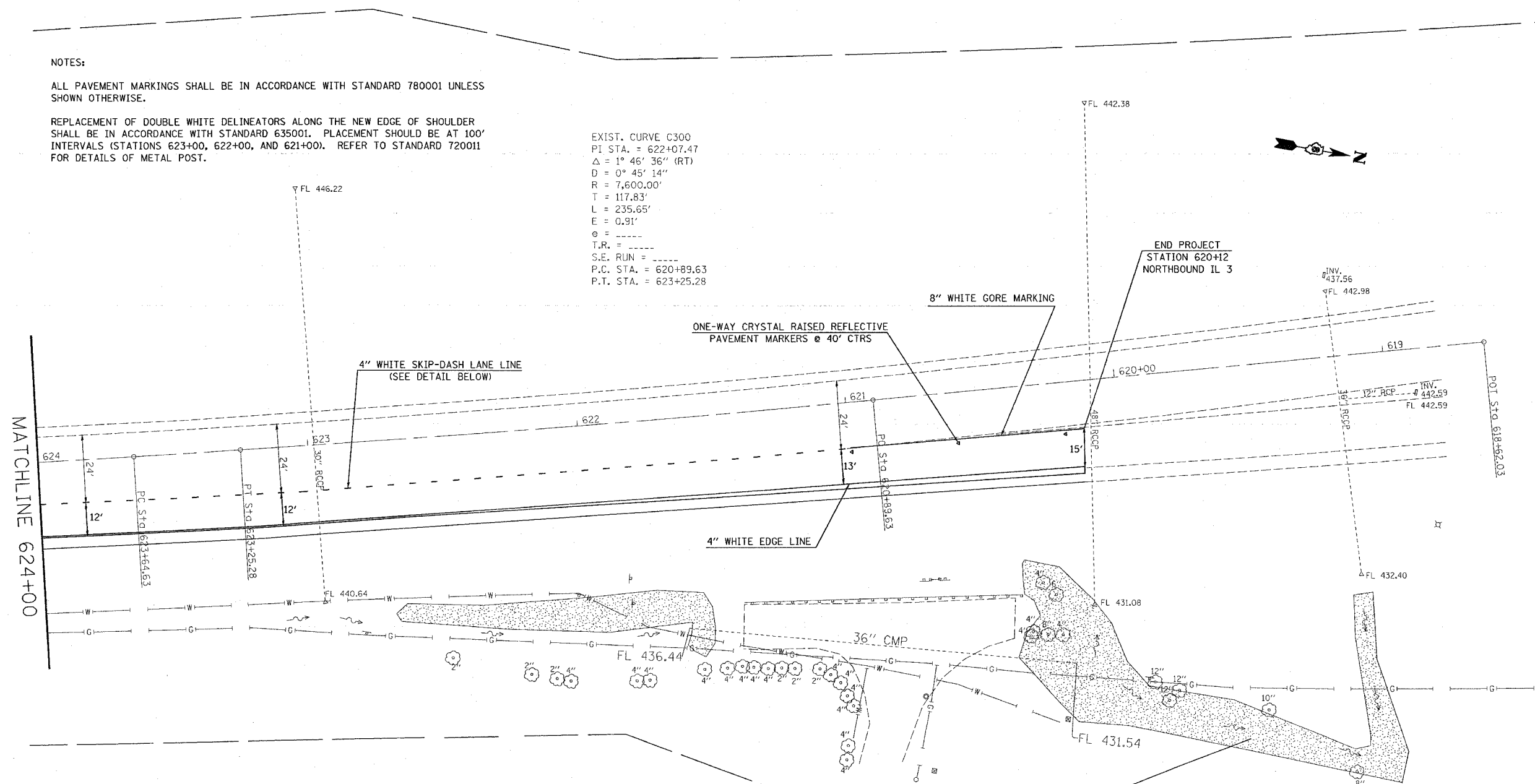
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------|----------------|------------------|-----------|
| 312 | 66-3I | MONROE | 45 | 29 |
| STA. 624+00 | | TO STA. 620+12 | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |

NOTES:

ALL PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH STANDARD 780001 UNLESS SHOWN OTHERWISE.

REPLACEMENT OF DOUBLE WHITE DELINEATORS ALONG THE NEW EDGE OF SHOULDER SHALL BE IN ACCORDANCE WITH STANDARD 635001. PLACEMENT SHOULD BE AT 100' INTERVALS (STATIONS 623+00, 622+00, AND 621+00). REFER TO STANDARD 720011 FOR DETAILS OF METAL POST.

EXIST. CURVE C300
 PI STA. = 622+07.47
 $\Delta = 1^\circ 46' 36''$ (RT)
 $D = 0^\circ 45' 14''$
 $R = 7,600.00'$
 $T = 117.83'$
 $L = 235.65'$
 $E = 0.91'$
 $\theta = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 620+89.63$
 $P.T. STA. = 623+25.28$



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ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING AND SIGNING PLAN
 FAP ROUTE 312
 SECTION 66-3I
 MONROE COUNTY

SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 REFERENCE = #REF#

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------|--------|--------------|-----------|
| 312 | 66-3L | MONROE | 45 | 30 |
| STA. 116+50.00 TO STA. 117+00.00 | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |

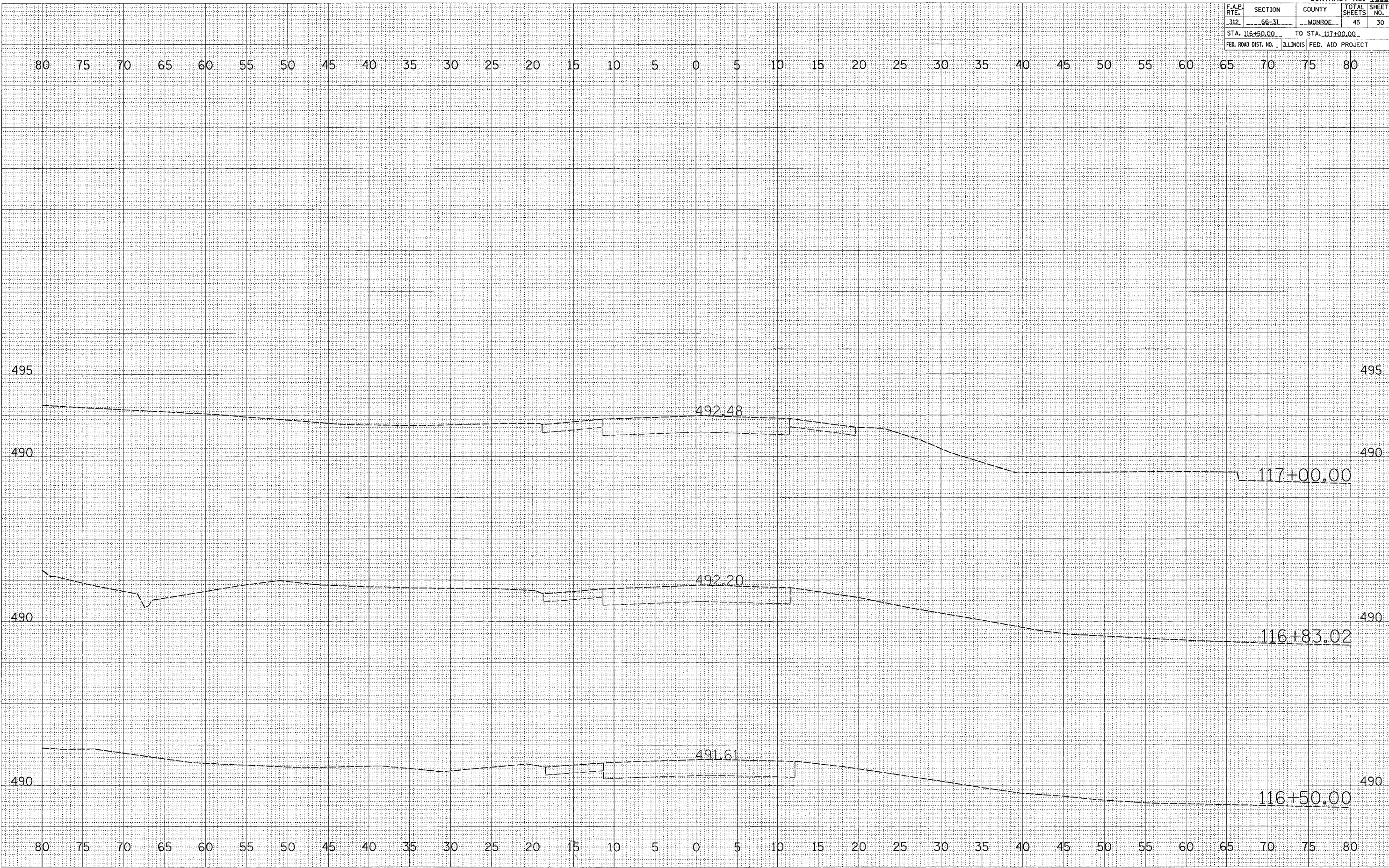
FINAL SURVEY
 SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____

BY _____
 DATE _____

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

BY _____
 DATE _____

PLOT DATE * * * * *
 FILE NAME * * * * *
 PLOT SCALE * * * * *
 USER NAME * * * * *

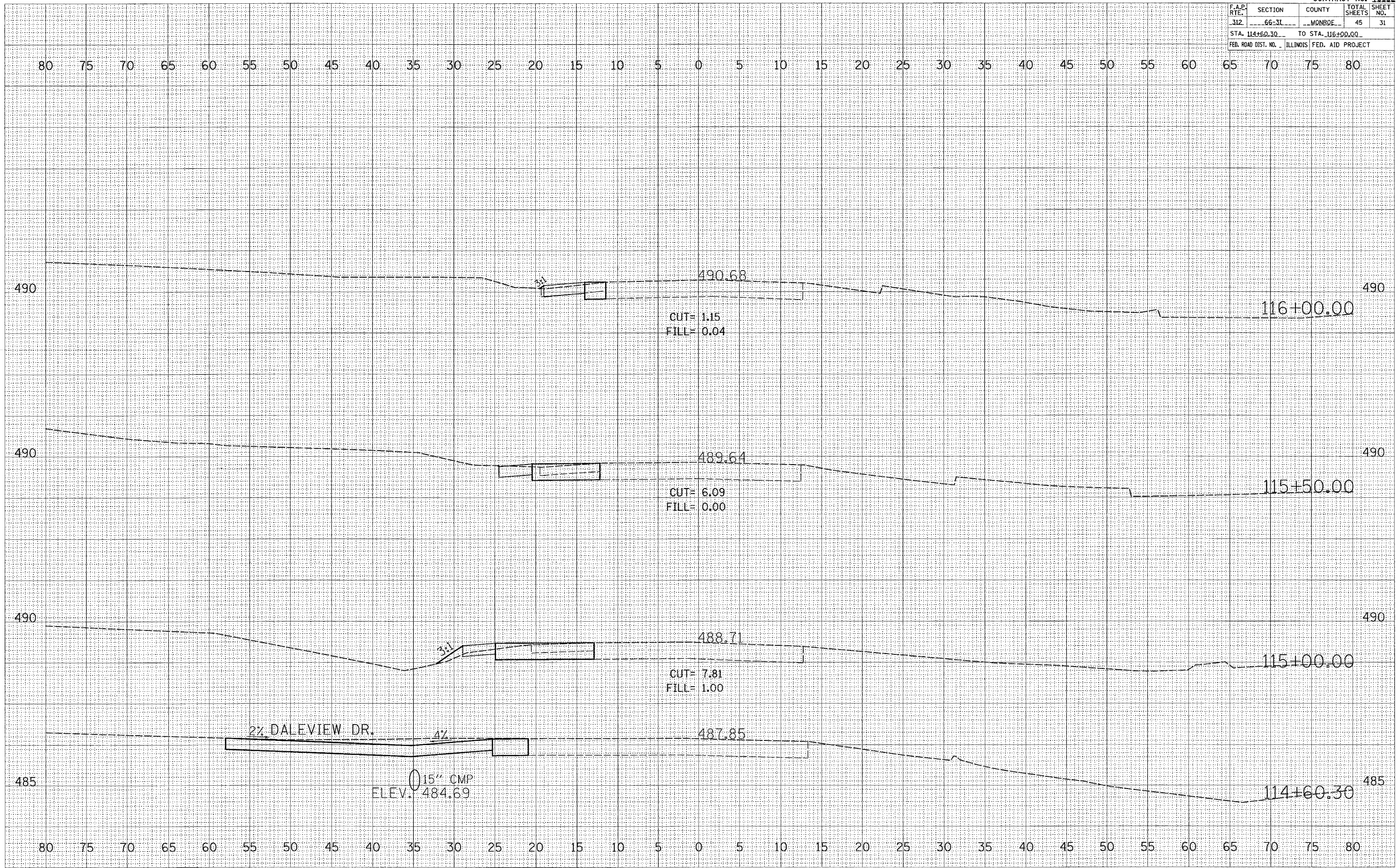


| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------|--------|--------------|-----------|
| 312 | 66-31 | MONROE | 45 | 31 |
| STA. 114+60.30 TO STA. 116+00.00 | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |

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| DATE | |
| BY | |
| FINAL SURVEY | |
| REVISIONS | |
| NO. | |
| DATE | |
| BY | |
| ORIGINAL SURVEY | |
| REVISIONS | |
| NO. | |
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| DATE | |
| BY | |
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PLOT DATE * DATE *
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------|--------|--------------|-----------|
| 312 | 66-31 | MONROE | 45 | 32 |
| STA. 633+50.00 TO STA. 114+00.00 | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |

DATE _____
BY _____

FINAL SURVEY PLOTTED _____
NOTE BOOK _____
NO. _____

APPROVED _____
DATE _____

ORIGINAL SURVEY PLOTTED _____
NOTE BOOK _____
NO. _____

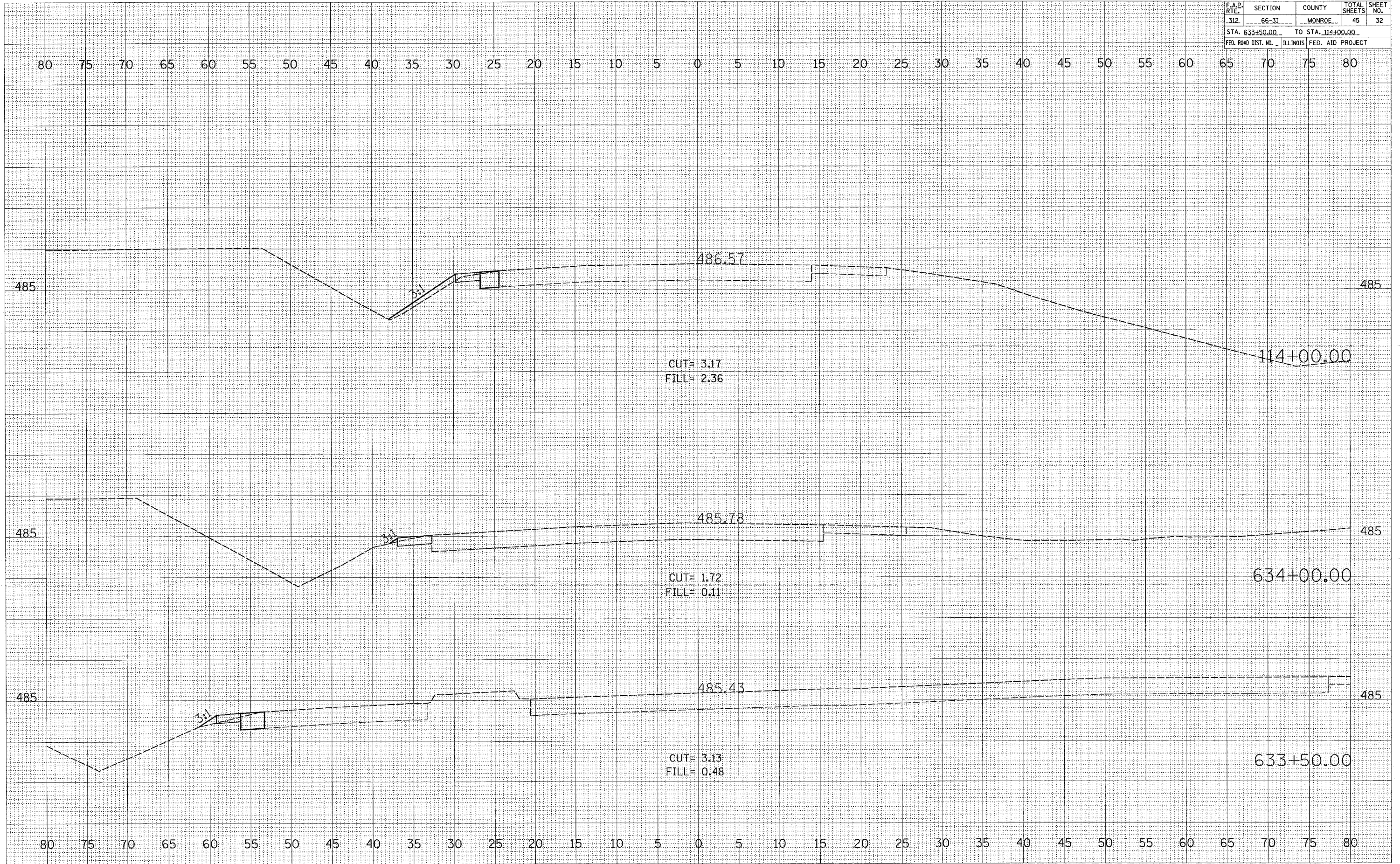
APPROVED _____
DATE _____

DATE _____
BY _____

ORIGINAL SURVEY PLOTTED _____
NOTE BOOK _____
NO. _____

APPROVED _____
DATE _____

PLOT DATE = #DATE#
FILE NAME = #FILE#
PLOT SCALE = #SCALE#
USER NAME = #USER#



| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------|--------|--------------|-----------|
| 312 | 66-31 | MONROE | 45 | 33 |
| STA. 632+50.00 TO STA. 633+00.00 | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |

FINAL SURVEY

DATE: _____ BY: _____

NO. _____

SURVEYED
 TEMPLATE
 AREAS
 CHECKED

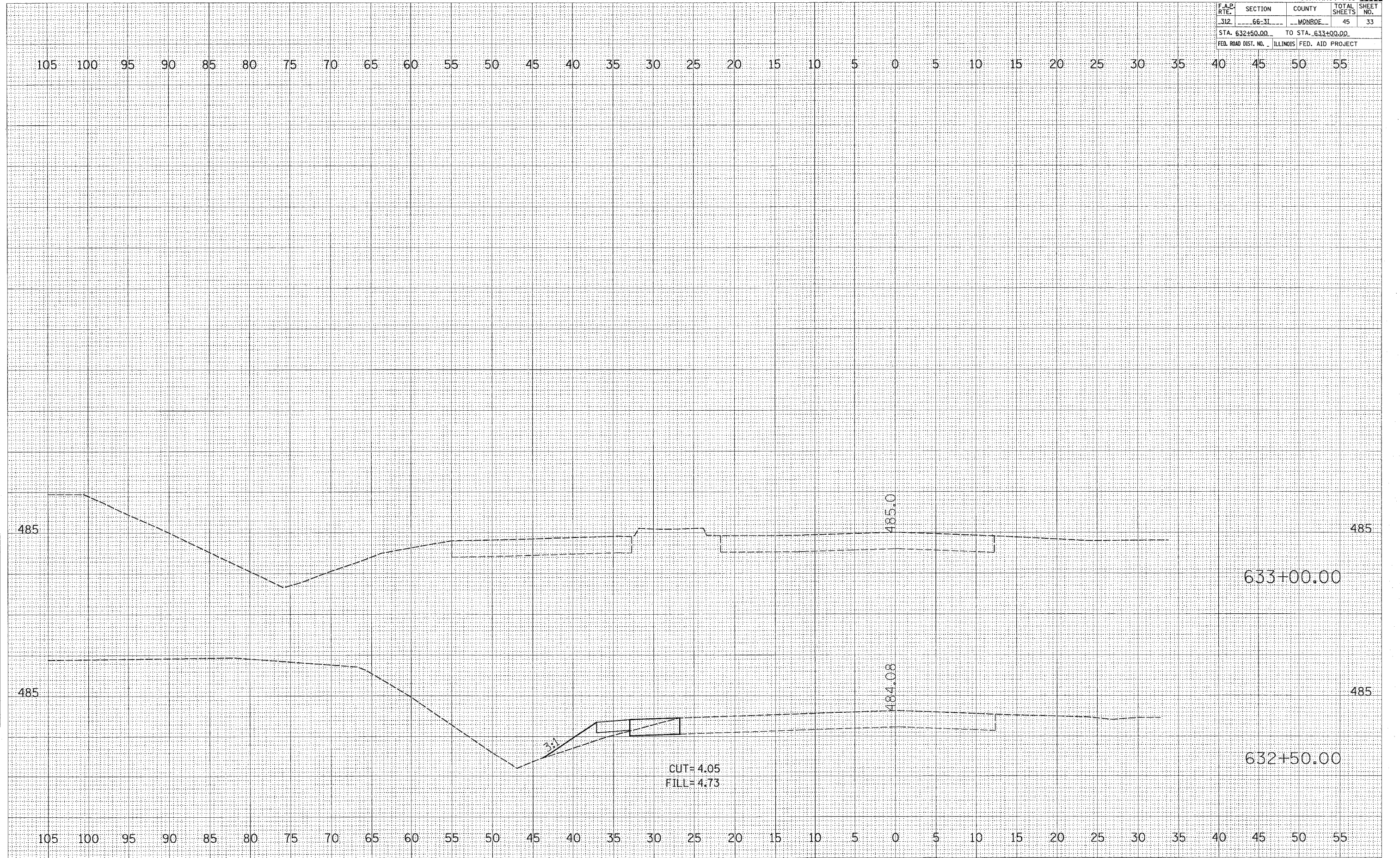
ORIGINAL SURVEY

DATE: _____ BY: _____

NO. _____

SURVEYED
 TEMPLATE
 AREAS
 CHECKED

PLOT DATE = *DATE*
 FILE NAME = *FILE*
 PLOT SCALE = *SCALE*
 USER NAME = *USER*



| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|------------------------------|---------|-------------------|--------------|-----------|
| 312 | 66-31 | MONROE | 45 | 34 |
| STA. 631+00.00 | | TO STA. 632+00.00 | | |
| FED. ROAD DIST. NO. ILLINOIS | | FED. AID PROJECT | | |

DATE _____ BY _____

FINAL SURVEY _____

PLOTTED _____

NOTE BOOK _____

AREA CHECKED _____

DATE _____ BY _____

ORIGINAL SURVEY _____

PLOTTED _____

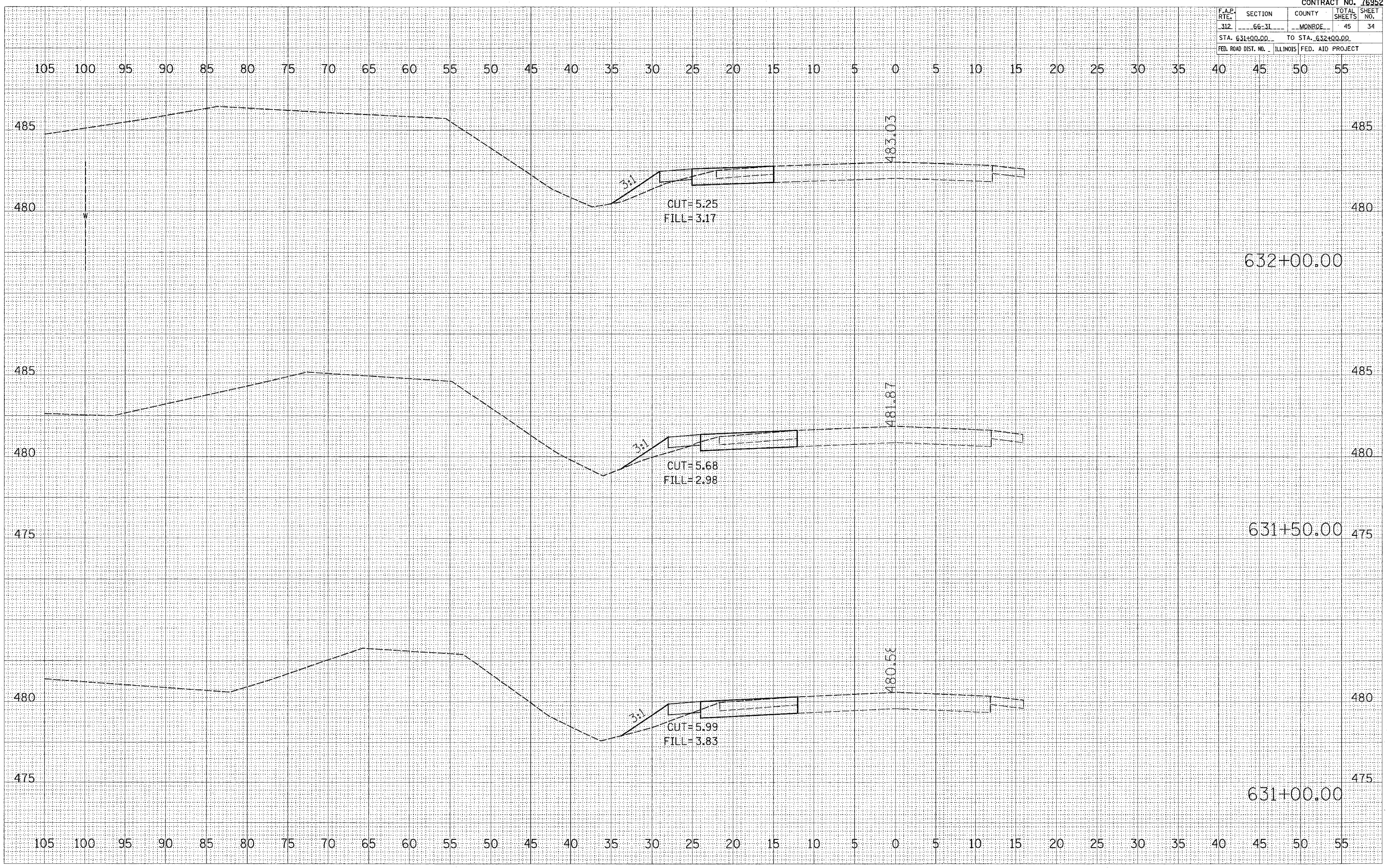
NOTE BOOK _____

AREA CHECKED _____

PLOT DATE * DATE *

PLOT SCALE * SCALE *

USER NAME * USER *

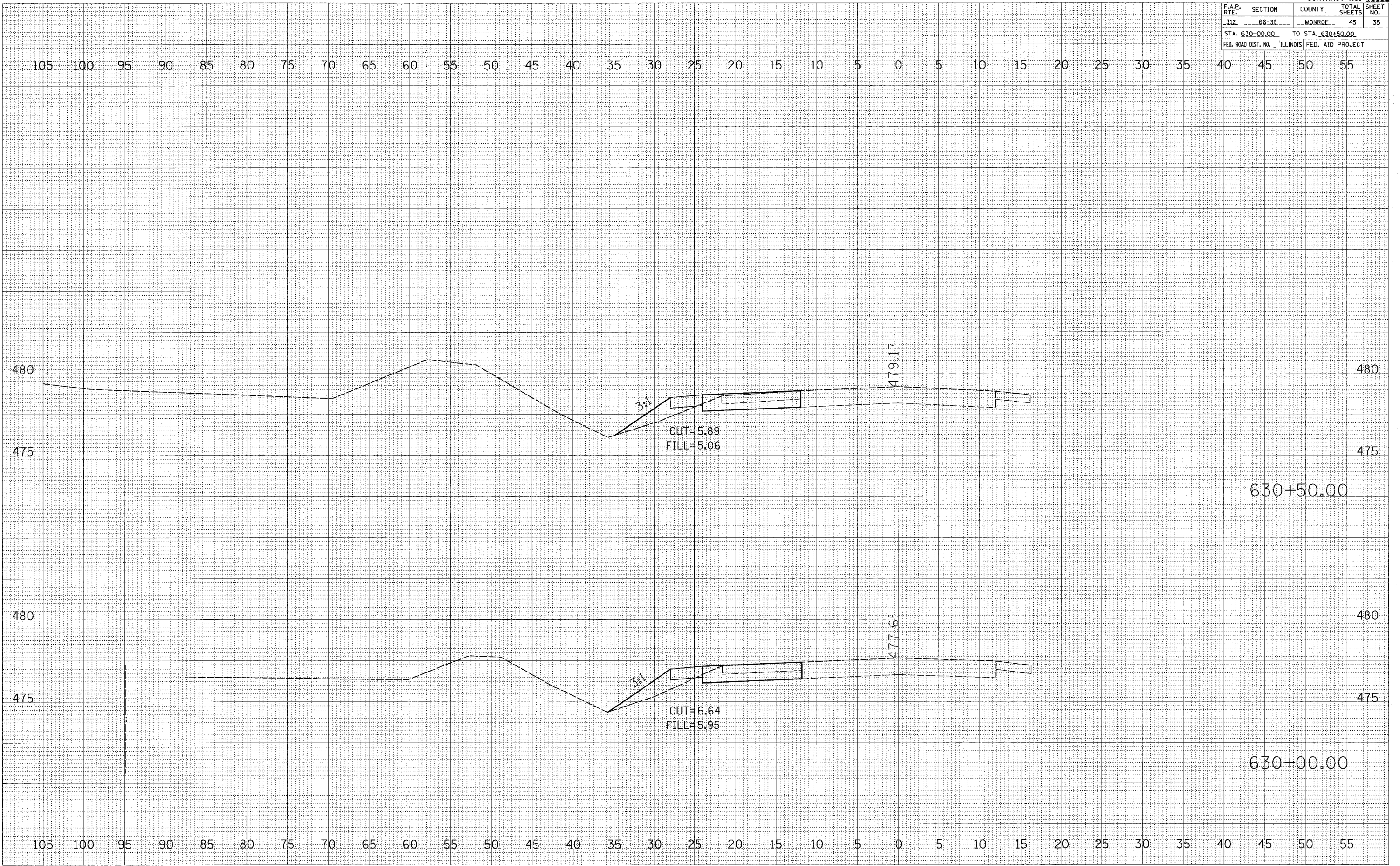


| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------|--------|--------------|-----------|
| 312 | 66-31 | MONROE | 45 | 35 |
| STA. 630+00.00 TO STA. 630+50.00 | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |

FINAL SURVEY
 SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 AREA CHECKED _____
 NO. _____

ORIGINAL SURVEY
 SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 AREA CHECKED _____
 NO. _____

PLOT DATE * DATE
 FILE NAME * FILE#
 PLOT SCALE * SCALE
 USER NAME * USER#



| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------|--------|--------------|-----------|
| 312 | 66-31 | MONROE | 45 | 36 |
| STA. 623+00.00 TO STA. 629+50.00 | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |

DATE: _____ BY: _____

FINAL SURVEY NO. _____

REVISIONS: _____

NOTED: _____

PLANNED: _____

DESIGNED: _____

CHECKED: _____

APPROVED: _____

DATE: _____ BY: _____

ORIGINAL SURVEY NO. _____

REVISIONS: _____

NOTED: _____

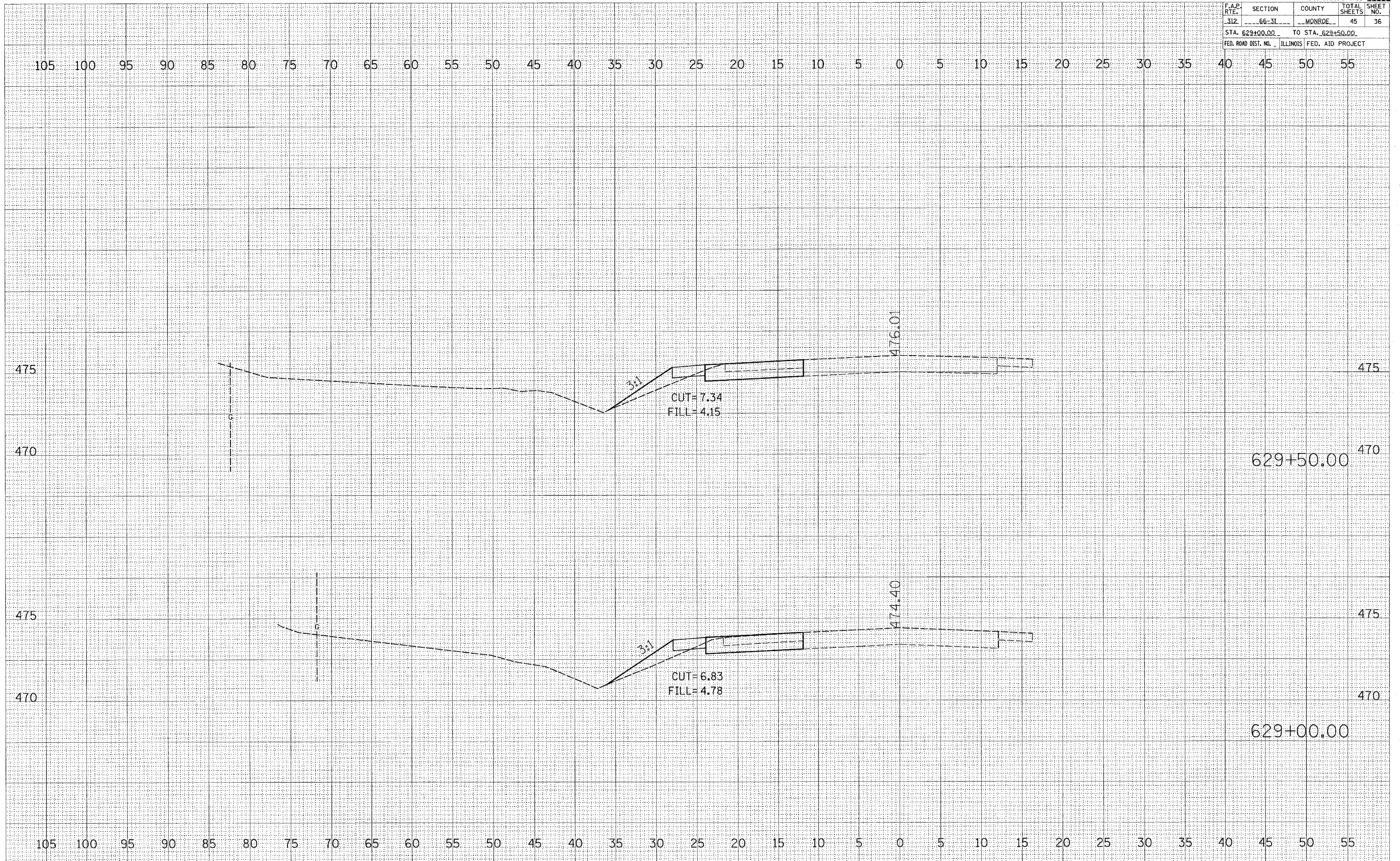
PLANNED: _____

DESIGNED: _____

CHECKED: _____

APPROVED: _____

PLOT DATE = 4/24/88
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

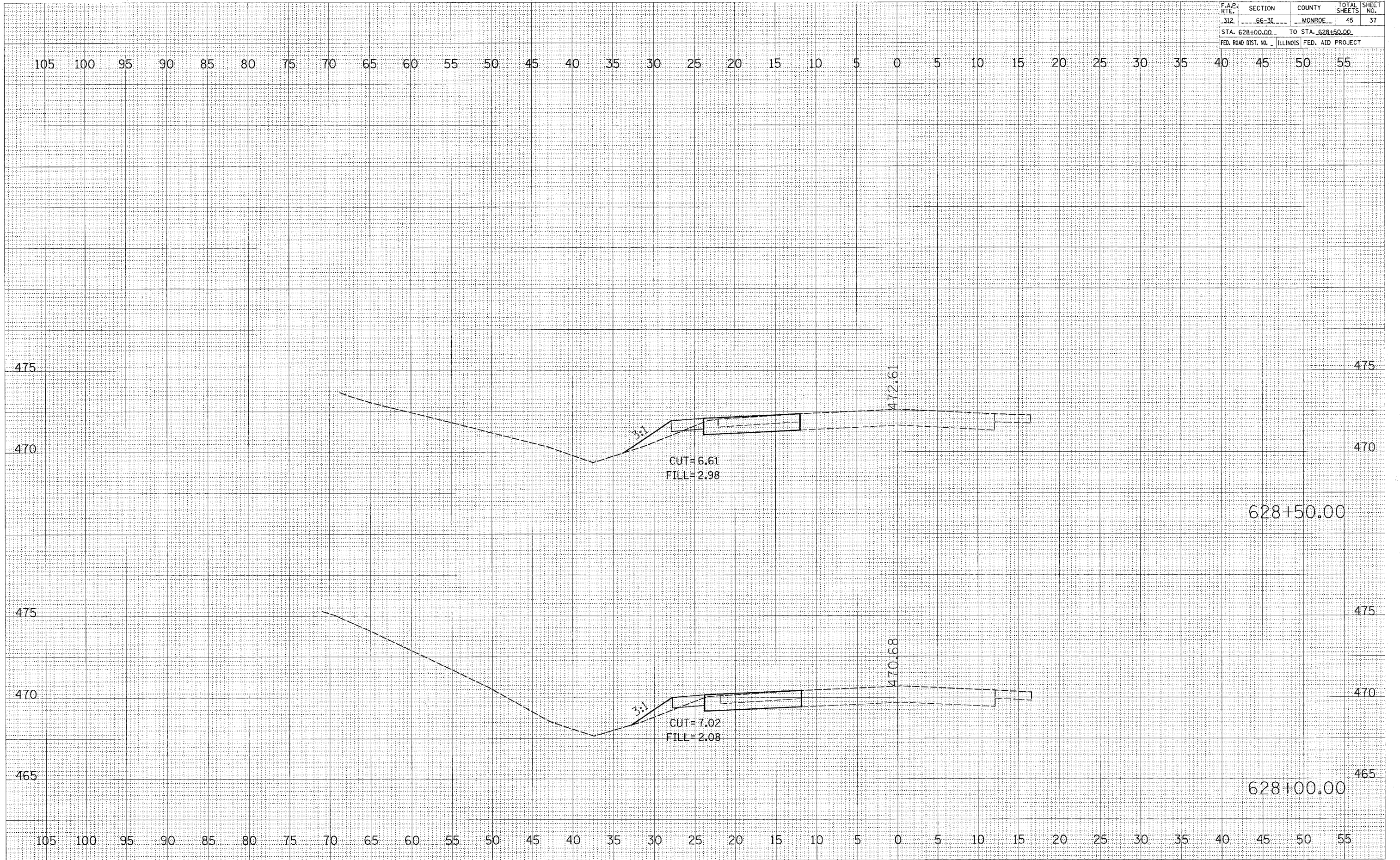


| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------|-------------------|--------------|-----------|
| 312 | 66-3L | MONROE | 45 | 37 |
| STA. 628+00.00 | | TO STA. 628+50.00 | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |

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

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

PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

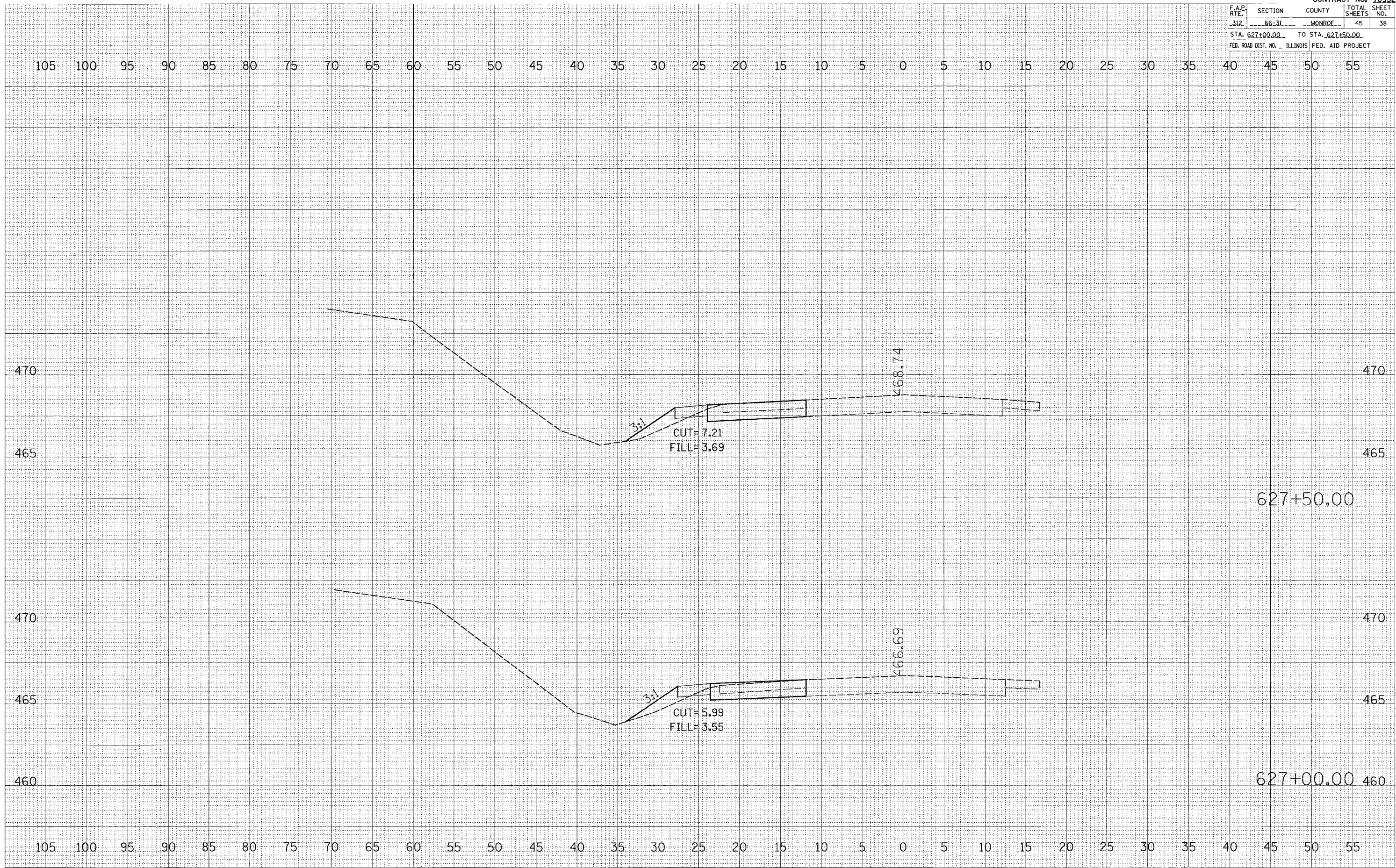


| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------|--------|--------------|-----------|
| 312 | 66-31 | MONROE | 45 | 38 |
| STA. 627+00.00 TO STA. 627+50.00 | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |

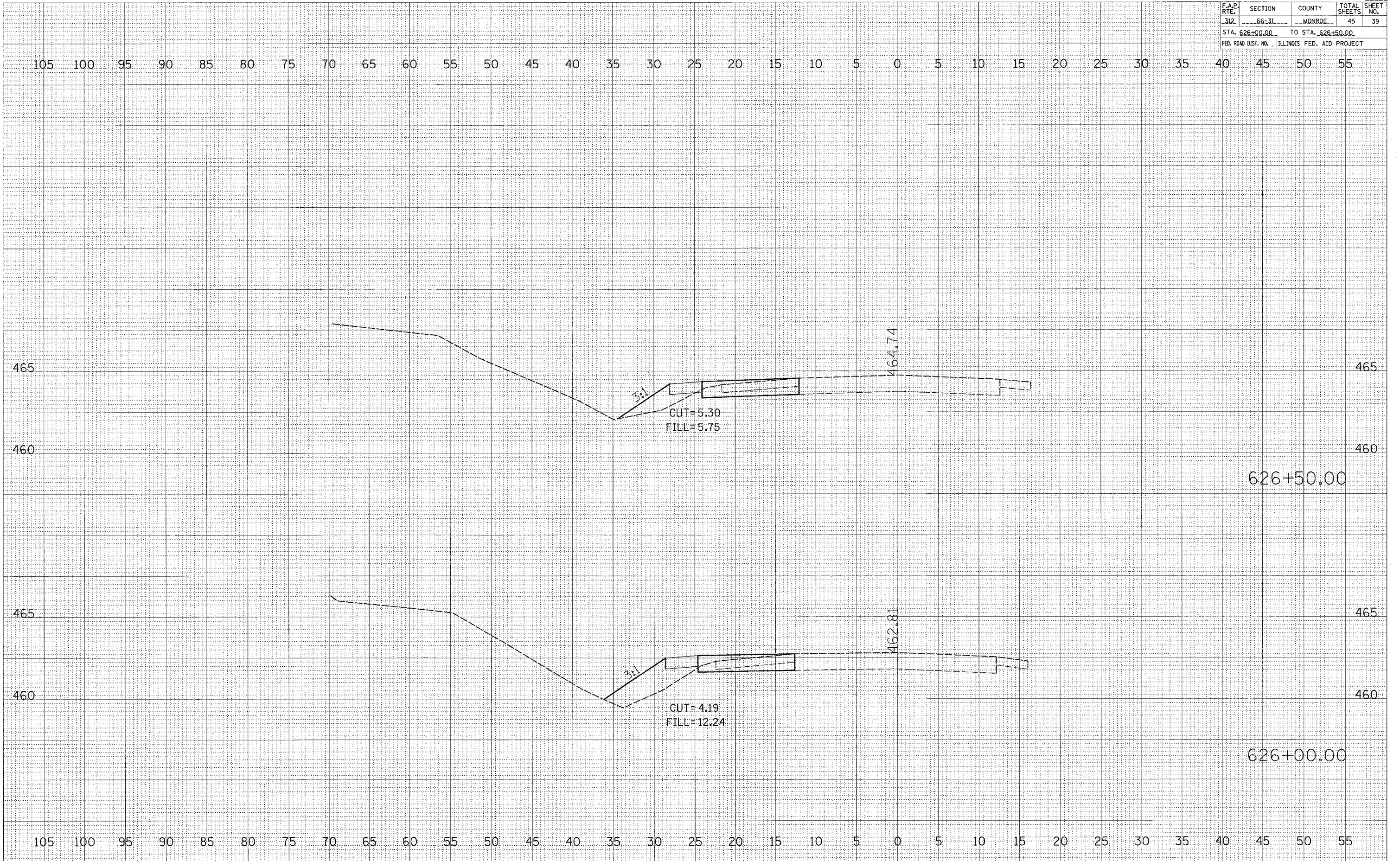
| | |
|-----------|--|
| DATE | |
| BY | |
| REVISIONS | |
| NO. | |
| DATE | |
| BY | |
| REVISIONS | |
| NO. | |
| DATE | |
| BY | |
| REVISIONS | |
| NO. | |
| DATE | |
| BY | |
| REVISIONS | |
| NO. | |

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| DATE | |
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| REVISIONS | |
| NO. | |
| DATE | |
| BY | |
| REVISIONS | |
| NO. | |
| DATE | |
| BY | |
| REVISIONS | |
| NO. | |
| DATE | |
| BY | |
| REVISIONS | |
| NO. | |

PLOT DATE * DATE *
 FILE NAME * FILE *
 USER NAME * USER *



| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------|---------------------------|--------------|-----------|
| 312 | 66-3L | MONROE | 45 | 39 |
| STA. 626+00.00 | | TO STA. 626+50.00 | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |



BY: _____ DATE: _____

SHOWN SURVEY PLOTTED TEMPLATE AREAS CHECKED

FINAL SURVEY NOTE BOOK NO. _____

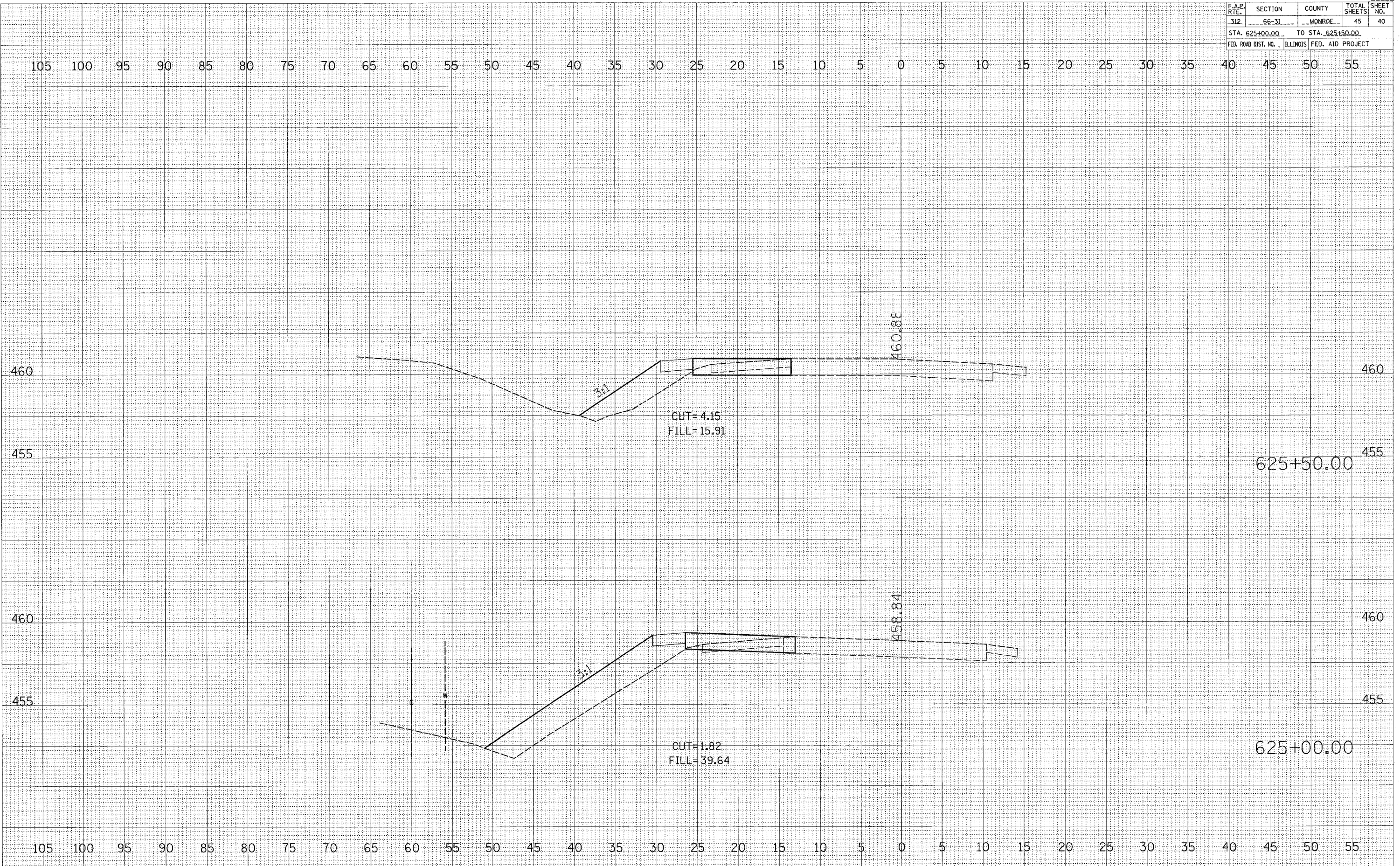
BY: _____ DATE: _____

ORIGINAL SURVEY PLOTTED TEMPLATE AREAS CHECKED

NOTE BOOK NO. _____

PLOT DATE = #DATE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------|-------------------|------------------|-----------|
| 312 | 66-31 | MONROE | 45 | 40 |
| STA. 625+00.00 | | TO STA. 625+50.00 | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |



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

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

PLOT DATE = *DATE*
 FILE NAME = *FILE*
 PLOT SCALE = *SCALE*
 USER NAME = *USER*

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------|---------------------------|--------------|-----------|
| 312 | 66-31 | MONROE | 45 | 41 |
| STA. 624+00.00 | | TO STA. 624+50.00 | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |

FINAL SURVEY NO. _____

DATE _____

BY _____

SAVED SURVEY _____

PLOTTED _____

TEMPLATE _____

NOTE BOOK _____

AREAS CHECKED _____

ORIGINAL SURVEY NO. _____

DATE _____

BY _____

SAVED SURVEY _____

PLOTTED _____

TEMPLATE _____

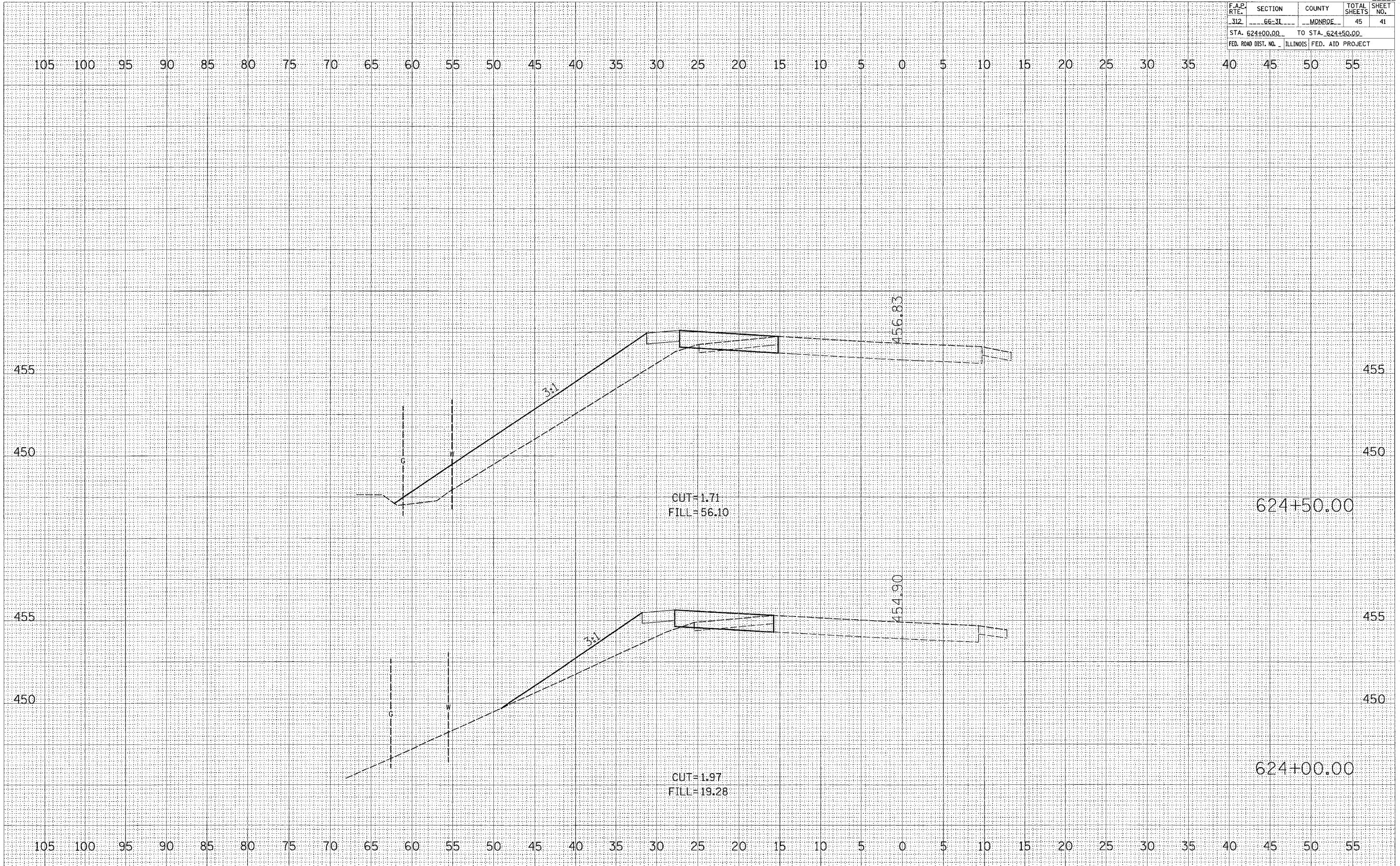
NOTE BOOK _____

AREAS CHECKED _____

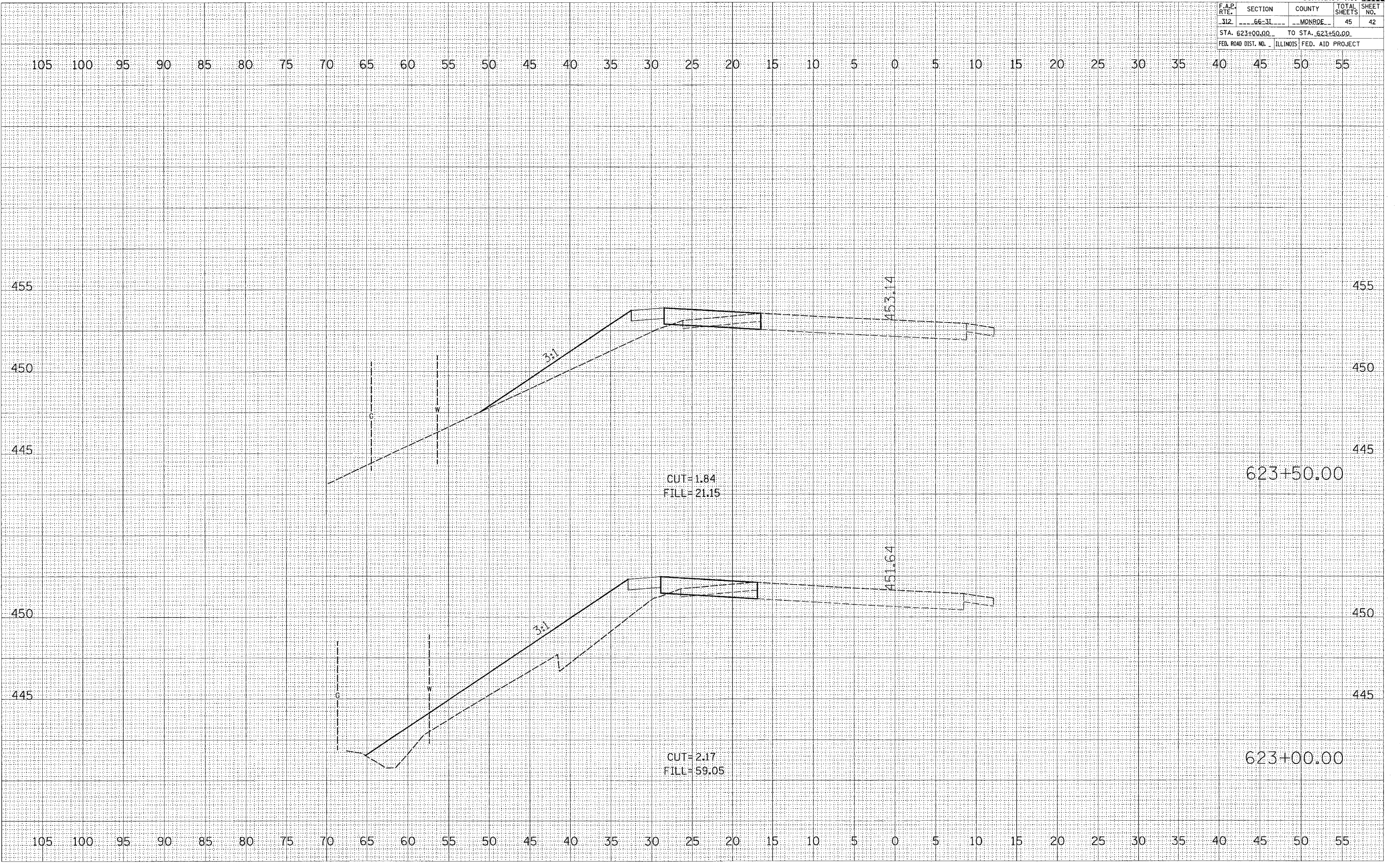
PLOT DATE = #DATE#

PLOT SCALE = #SCALE#

USER NAME = #USER#



| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------|--------|--------------|-----------|
| 312 | 66-31 | MONROE | 45 | 42 |
| STA. 623+00.00 TO STA. 623+50.00 | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |



DATE _____ BY _____

NO. _____

FINAL SURVEY _____

PLANNED _____

NOTE BOOK _____

AREAS CHECKED _____

DATE _____ BY _____

NO. _____

ORIGINAL SURVEY _____

PLANNED _____

NOTE BOOK _____

AREAS CHECKED _____

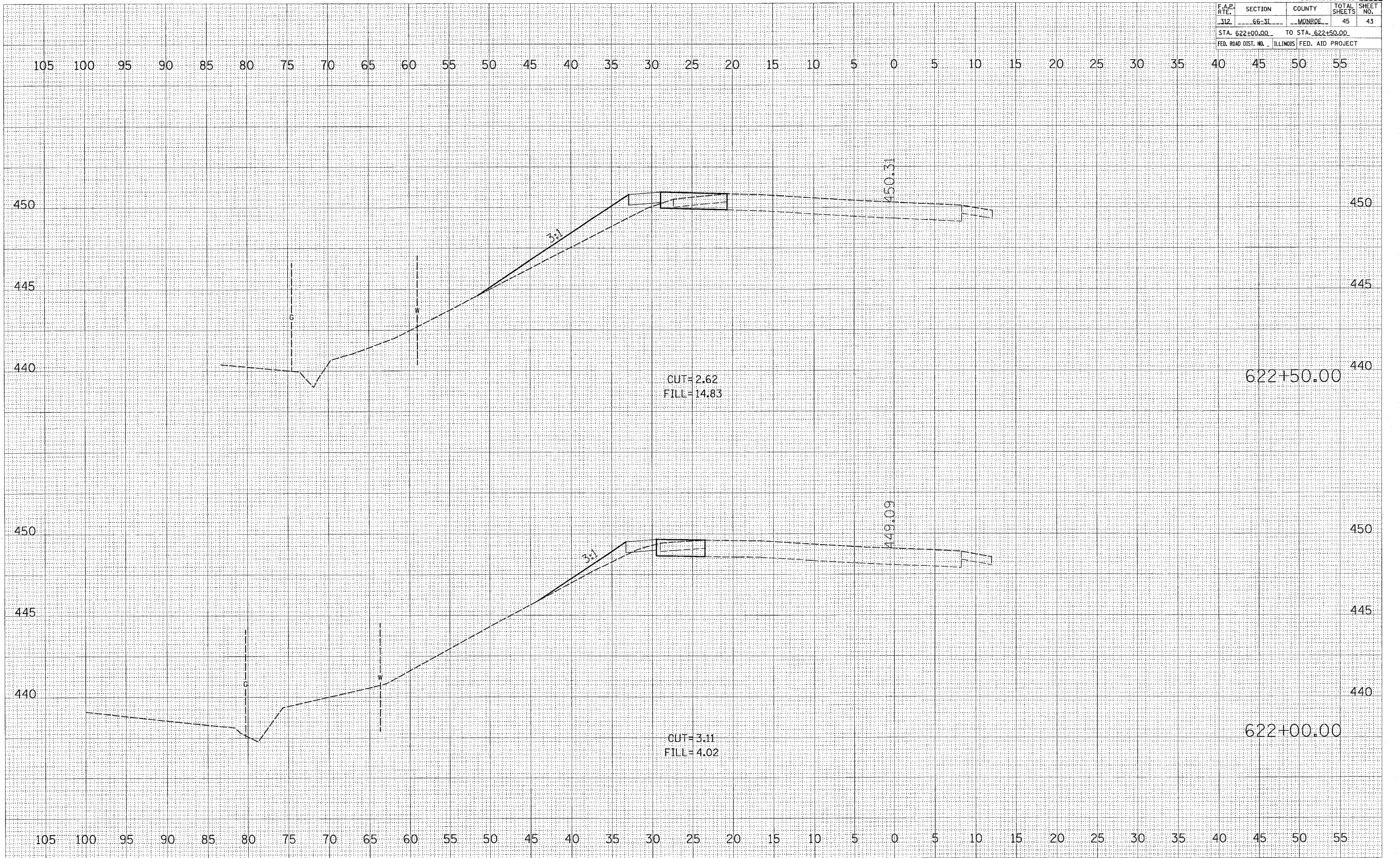
PLOT DATE * DATES *
 FILE NAME * FILES *
 PLOT SCALE * SCALES *
 USER NAME * USERS *

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------|-------------------|--------------|------------------|
| 312 | 66-31 | MONROE | 45 | 43 |
| STA. 622+00.00 | | TO STA. 622+50.00 | | |
| FED. ROAD DIST. NO. | | ILLINOIS | | FED. AID PROJECT |

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

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

PLOT DATE: *DATE*
FILE NAME: *FILE*
PLOT SCALE: *SCALE*
USER NAME: *USER*

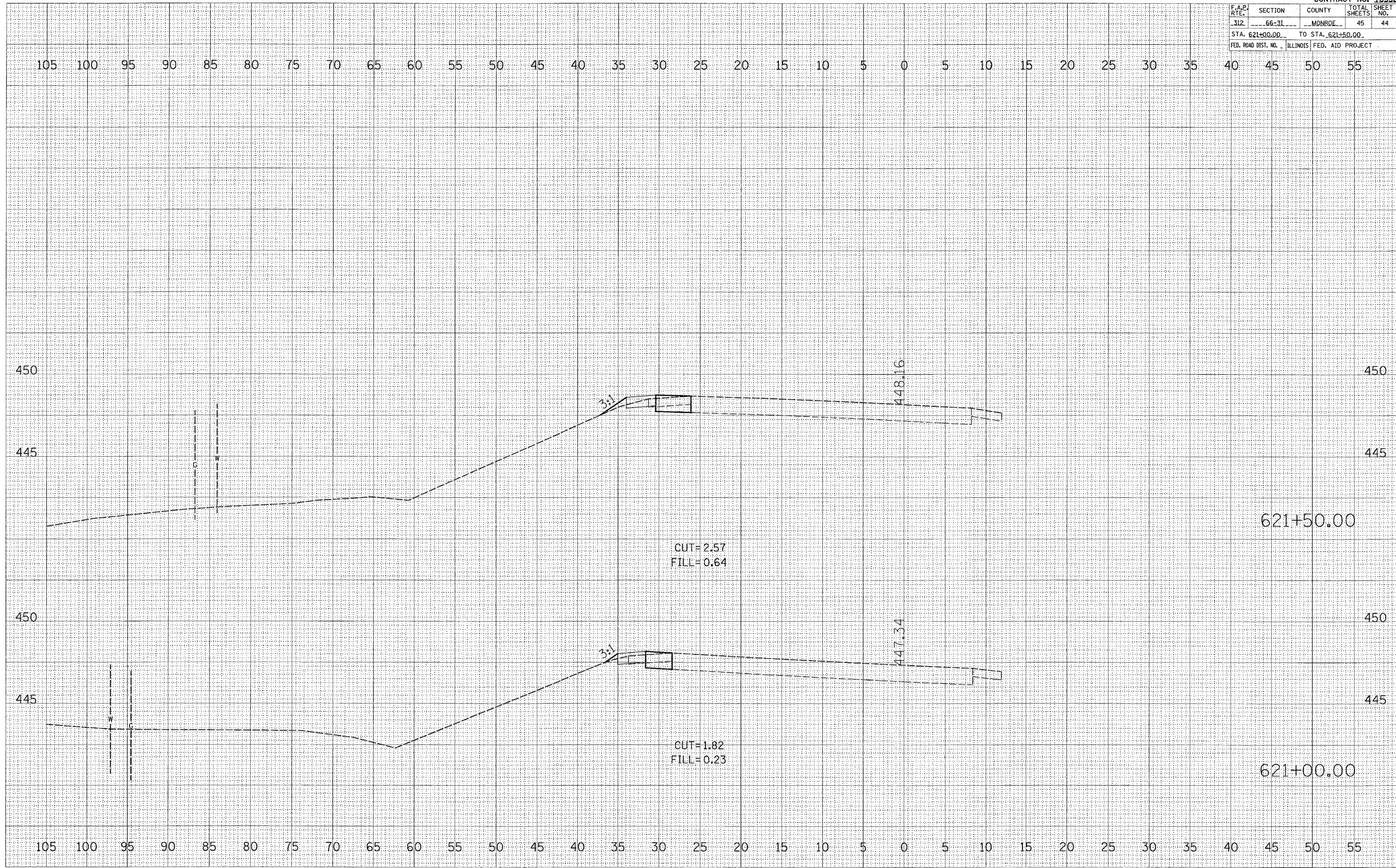


| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------|--------|--------------|-----------|
| 312 | 66-31 | MONROE | 45 | 44 |
| STA. 621+00.00 TO STA. 621+50.00 | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |

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| DATE | |
| BY | |
| REVISIONS | |
| NO. | |
| DATE | |
| BY | |
| REVISIONS | |
| NO. | |
| DATE | |
| BY | |
| REVISIONS | |
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| DATE | |
| BY | |
| REVISIONS | |
| NO. | |

PLOT DATE * DATE *
 FILE NAME * FILE *
 PLOT SCALE * SCALE *
 USER NAME * USER *



| CONTRACT NO. 76952 | | | | |
|---|---------|-------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 312 | 66-31 | MONROE | 45 | 45 |
| STA. 620+00.00 | | TO STA. 620+50.00 | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |

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

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

PLOT DATE = DATE
 PLOT SCALE = SCALE
 USER NAME = USER

