

|                     |                  |                    |              |           |
|---------------------|------------------|--------------------|--------------|-----------|
| F.A.I. RTE.         | SECTION          | COUNTY             | TOTAL SHEETS | SHEET NO. |
| 72                  | D7 SAFETY 2008-3 | MACON              | 70           | 1         |
| FED. ROAD DIST. NO. | ILLINOIS         | CONTRACT NO. 74250 |              |           |

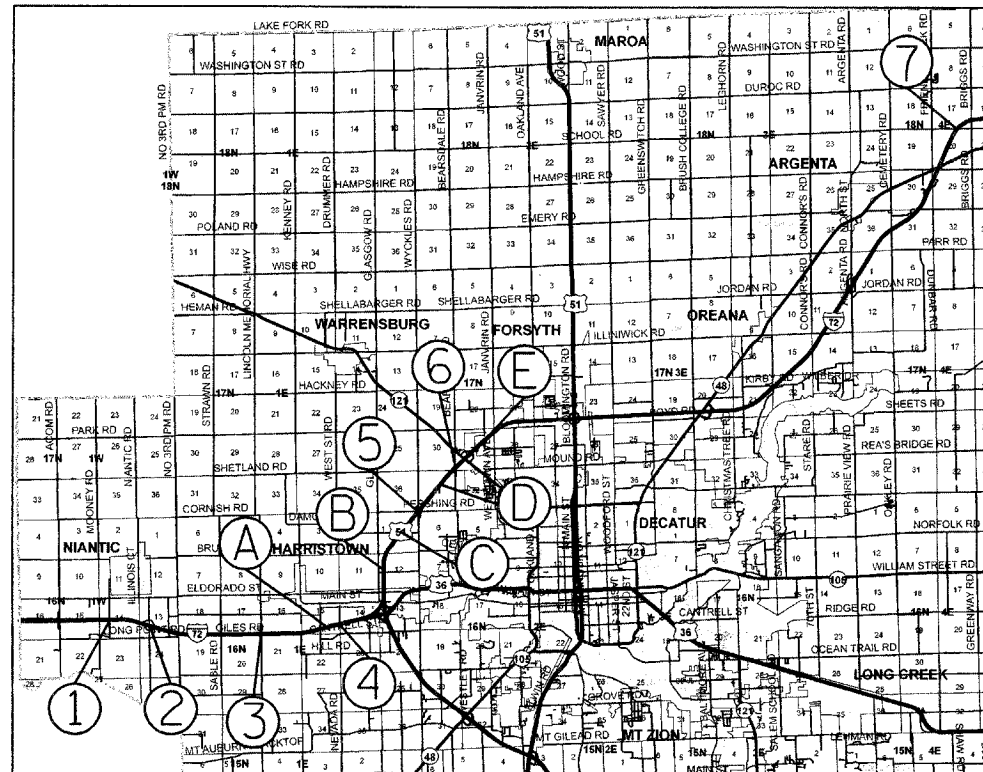
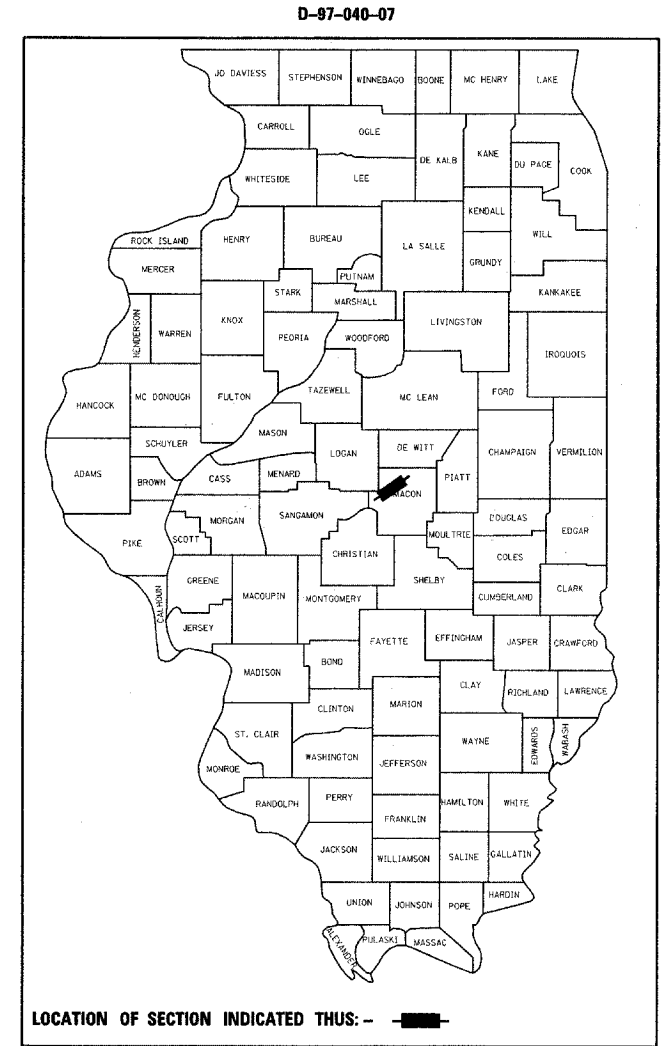
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

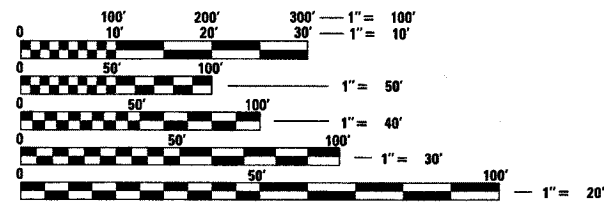
FAI ROUTE 72 (I-72)  
SECTION D7 SAFETY 2008-3  
PROJECT : HSIP-072-1(075)140  
MACON COUNTY

C-97-070-07

FOR INDEX OF SHEETS, SEE SHEET NO. 2



ADT (2007) = 14300



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

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

PROJECT ENGINEER: ROB MACKLIN  
PROJECT MANAGER: LYNN MCCLELLAN  
PHONE NUMBER: 217-342-3951  
CONTRACT NO. 74250

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED March 21, 2008  
Christine M. Reed  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 9, 2008  
Eric Estep  
SENIOR ENGINEER OF DESIGN AND ENVIRONMENT

May 9, 2008  
Christine M. Reed  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

**GENERAL NOTES**

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

THE WORK INCLUDED IN THIS SECTION CONSISTS OF ERECTING GUARDRAIL, PLACING EMBANKMENT, CONSTRUCTING IMPACT ATTENUATORS, EXTENDING CRASHWALLS, CONSTRUCTING PIPE CULVERTS, INLETS, EXTENDING PIPE UNDERDRAINS (SPECIAL), AND ANY OTHER WORK NECESSARY TO COMPLETE THIS SECTION.

ALL ELEVATIONS SHOWN IN PLANS ARE BASED ON U. S. G. S. DATUM.

ALL DISTURBED AREAS WITHIN THE CONSTRUCTION LIMITS SHALL BE FERTILIZED AND SEED. SEEDING SHALL BE CLASS 2 IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND THE APPLICABLE ARTICLES OF SECTION 250 OF THE STANDARD SPECIFICATIONS.

THE AGGREGATE SHOULDERS, TYPE B SHALL BE CRUSHED STONE OR CRUSHED CONCRETE.

**INDEX OF SHEETS**

- 1 COVER SHEET
- 2 INDEX OF SHEETS, STANDARDS, GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 LOCATION MAP
- 5 TYPICAL SECTIONS
- 6-7 SCHEDULE OF QUANTITIES
- 8-14 PLAN AND PROFILE SHEETS
- 15-20 DETAIL OF CRASHWALL EXTENSIONS
- 21 DETAILS
- 22-24 GUARDRAIL DETAILS
- 25-70 CROSS SECTIONS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 70:

- 000001-05 STANDARD SYMBOL, ABBREVIATIONS AND PATTERNS
- 001001-01 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 280001-04 TEMPORARY EROSION CONTROL SYSTEMS
- 542531-02 INLET BOX TYPE G, 600MM (24")
- 630001-07 STEEL PLATE BEAM GUARDRAIL
- 630301-04 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
- 631011-04 TRAFFIC BARRIER TERMINAL, TYPE 2
- 635006-02 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 635011-01 REFLECTOR MARKER AND MOUNTING DETAILS
- 701101-01 OFF-ROAD OPERATIONS, MULTILANE, 4.5M (15') TO 600MM (24") FROM PAVEMENT EDGE
- 701106-01 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 4.5M (15') AWAY
- 701400-02 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701406-04 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
- 701901 TRAFFIC CONTROL DEVICES

|   |                                |                       |                        |   |  |                    |                  |        |                 |              |         |
|---|--------------------------------|-----------------------|------------------------|---|--|--------------------|------------------|--------|-----------------|--------------|---------|
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|   | PLOT SCALE =<br>20.0000 "/ IN. | CHECKED -             | REVISED -              |   |  | 72                 | DT SAFETY 2008-3 | MACON  | 70              | 2            |         |
|   | PLOT DATE =<br>3/21/2008       | DATE -                | REVISED -              |   |  | CONTRACT NO. 74250 |                  |        |                 |              |         |
|   |                                |                       |                        |   |  | SCALE:             | SHEET NO.        | OF     | SHEETS          | STA.         | TO STA. |

# SUMMARY OF QUANTITIES

| SUMMARY OF QUANTITIES |  |        | 90% FED.<br>10% STATE<br>TOTAL<br>QUANTITIES | CONSTRUCTION TYPE CODE |  |  |
|-----------------------|--|--------|--|------------------------|--|--|
| CODE NO               | ITEM   | UNIT   |  | SFTY-3N                |  |  |
| 20200100              | EARTH EXCAVATION   | CU YD  | 10   | 10                     |  |  |
| 20400800              | FURNISHED EXCAVATION                                       | CU YD  | 6773   | 6773                   |  |  |
| 25000200              | SEEDING, CLASS 2   | ACRE   | 5.3  | 5.3                    |  |  |
| 25000400              | NITROGEN FERTILIZER NUTRIENT                               | POUND  | 477  | 477                    |  |  |
| 25000500              | PHOSPHORUS FERTILIZER NUTRIENT                             | POUND  | 477  | 477                    |  |  |
| 25000600              | POTASSIUM FERTILIZER NUTRIENT                              | POUND  | 477  | 477                    |  |  |
| 25100115              | MULCH, METHOD 2  | ACRE   | 5.3  | 5.3                    |  |  |
| 28000250              | TEMPORARY EROSION CONTROL SEEDING                          | POUND  | 530  | 530                    |  |  |
| 28000300              | TEMPORARY DITCH CHECKS                                     | EACH   | 15   | 15                     |  |  |
| 28000500              | INLET AND PIPE PROTECTION                                  | EACH   | 6  | 6                      |  |  |
| 48101200              | AGGREGATE SHOULDERS, TYPE B                                | TON    | 1178   | <b>1178</b>            |  |  |
| 50105220              | PIPE CULVERT REMOVAL                                       | FOOT   | 93   | 93                     |  |  |
| 50300225              | CONCRETE STRUCTURES  | CU YD  | 42.9   | 42.9                   |  |  |
| 50800205              | REINFORCEMENT BARS, EPOXY COATED                           | POUND  | 4010   | 4010                   |  |  |
| 54200439              | PIPE CULVERTS, TYPE 1 RCCP 24"                             | FOOT   | 145  | 145                    |  |  |
| 54246405              | INLET BOX, STANDARD 542531                                 | EACH   | 2  | 2                      |  |  |
| 60108100              | PIPE UNDERDRAINS 4" (SPECIAL)                              | FOOT   | 25   | 25                     |  |  |
| 60108200              | PIPE UNDERDRAINS 6" (SPECIAL)                              | FOOT   | 22   | 22                     |  |  |
| 63000000              | STEEL PLATE BEAM GUARD RAIL, TYPE A                        | FOOT   | 1500   | <b>1500</b>            |  |  |
| 63100045              | TRAFFIC BARRIER TERMINAL, TYPE 2                           | EACH   | 4  | <b>4</b>               |  |  |
| 63100167              | TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT         | EACH   | 5  | <b>5</b>               |  |  |
| 63200310              | GUARDRAIL REMOVAL  | FOOT   | 164  | <b>164</b>             |  |  |
| 63400105              | GUARD POSTS  | EACH   | 70   | 70                     |  |  |
| 67000500              | ENGINEER'S FIELD OFFICE, TYPE B                            | CAL MO | 10   | 10                     |  |  |
| 67100100              | MOBILIZATION   | L SUM  | 1  | <b>1</b>               |  |  |
| 70100700              | TRAFFIC CONTROL AND PROTECTION, STANDARD 701406            | L SUM  | 1  | <b>1</b>               |  |  |
| 78200410              | GUARDRAIL MARKERS, TYPE A                                  | EACH   | 30   | <b>30</b>              |  |  |
| 78201000              | TERMINAL MARKER - DIRECT APPLIED                           | EACH   | 5  | <b>5</b>               |  |  |
| X0301894              | REMOVE AND REINSTALL CONCRETE HEADWALL FOR PIPE UNDERDRAIN | EACH   | 3  | 3                      |  |  |
| X6050700              | REMOVE INLET BOX   | EACH   | 3  | 3                      |  |  |
| Z0030150              | IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3         | EACH   | 14   | 14                     |  |  |

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USER NAME = teasleyck

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

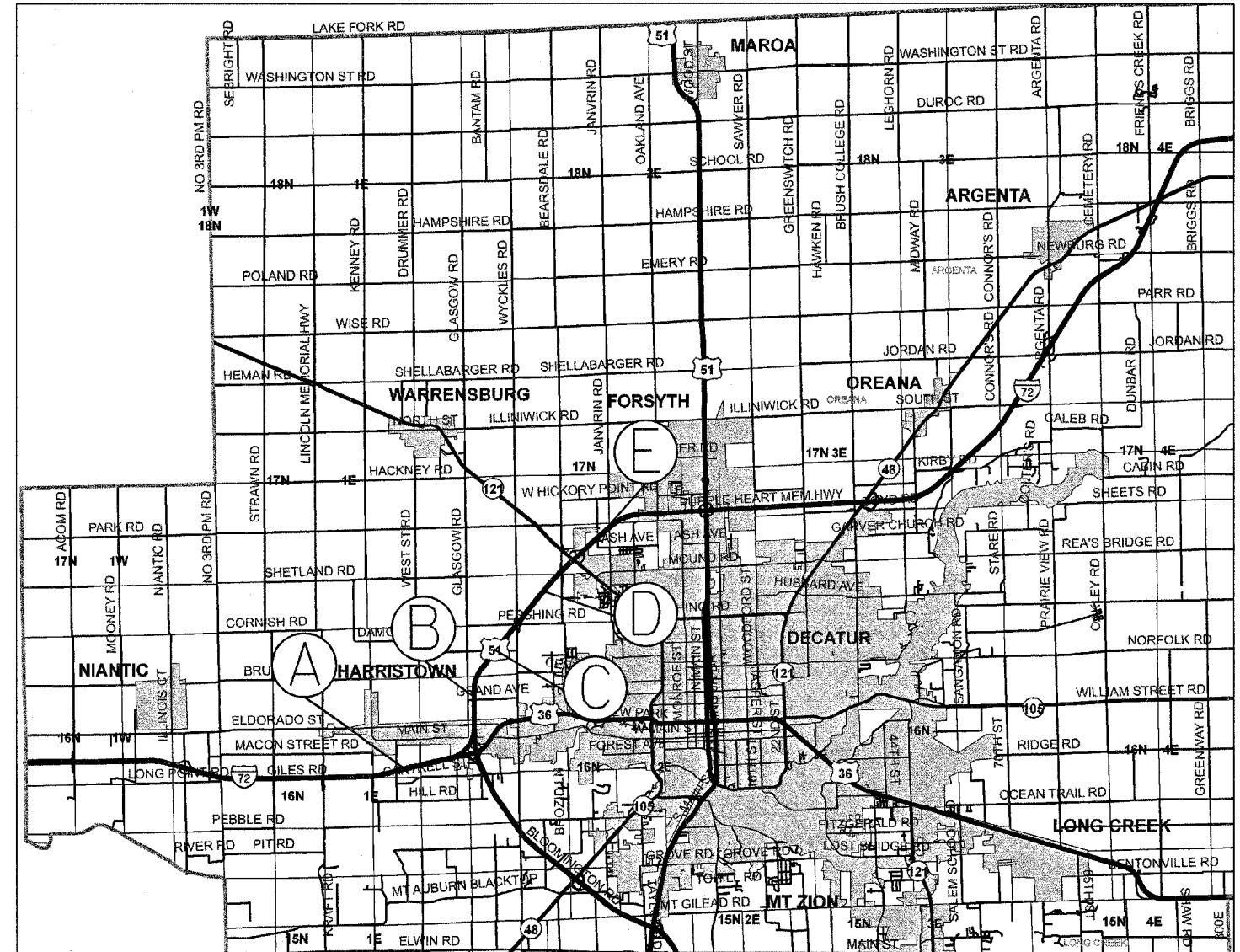
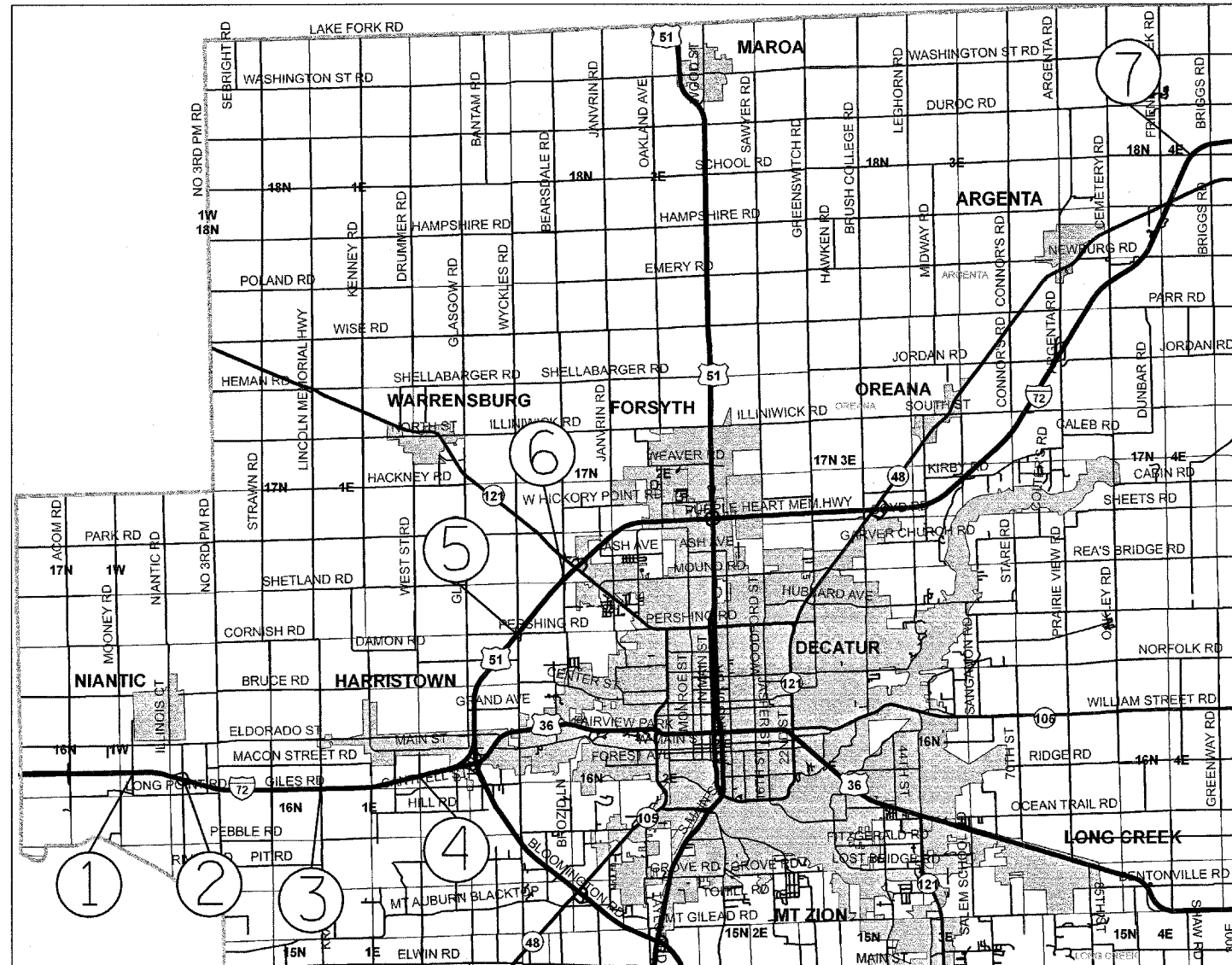
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|   |                  |        |                 |              |
|---|------------------|--------|-----------------|--------------|
| F.A.I.<br>RTE.                                  | SECTION          | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
| 72  | D7 SAFETY 2008-3 | MACON  | 70              | 3            |
| CONTRACT NO. 74250                              |                  |        |                 |              |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |                  |        |                 |              |

*Rev.*

MACON COUNTY - IMPACT ATTENUATOR LOCATIONS

MACON COUNTY - GUARDRAIL CONSTRUCTION LOCATIONS



CONSTRUCTION OF: IMPACT ATTENUATORS (NON-DIRECTIVE)  
TEST LEVEL 3

- ① LOCATION: STRUCTURE NUMBER 058-0060
- ② LOCATION: STRUCTURE NUMBER 058-0061
- ③ LOCATION: STRUCTURE NUMBER 058-0062
- ④ LOCATION: STRUCTURE NUMBER 058-0065
- ⑤ LOCATION: STRUCTURE NUMBER 058-0072
- ⑥ LOCATION: STRUCTURE NUMBER 058-0073
- ⑦ LOCATION: STRUCTURE NUMBER 058-0097

CONSTRUCTION OF: STEEL PLATE BEAM GUARDRAIL  
(SIGN TRUSS FOUNDATION PROTECTION)

- Ⓐ STATION 397+05: (FROM STATION 397+32.8 TO STATION 401+73.8)
- Ⓑ STATION 527+55: (FROM STATION 522+96.9 TO STATION 527+50.4)
- Ⓒ STATION 555+00: (FROM STATION 550+32.7 TO STATION 554.73.7)
- Ⓓ STATION 673+75: (FROM STATION 673+94.2 TO STATION 678+35.2)
- Ⓔ STATION 726+84: (FROM STATION 725+84 TO STATION 731+29.5)

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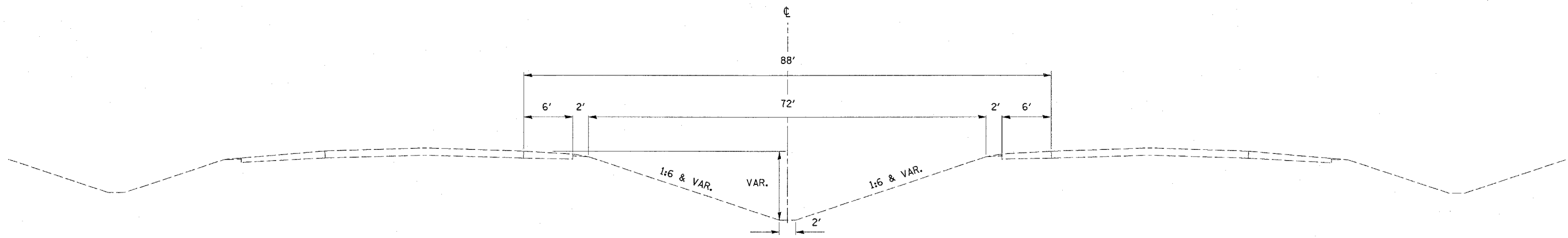
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

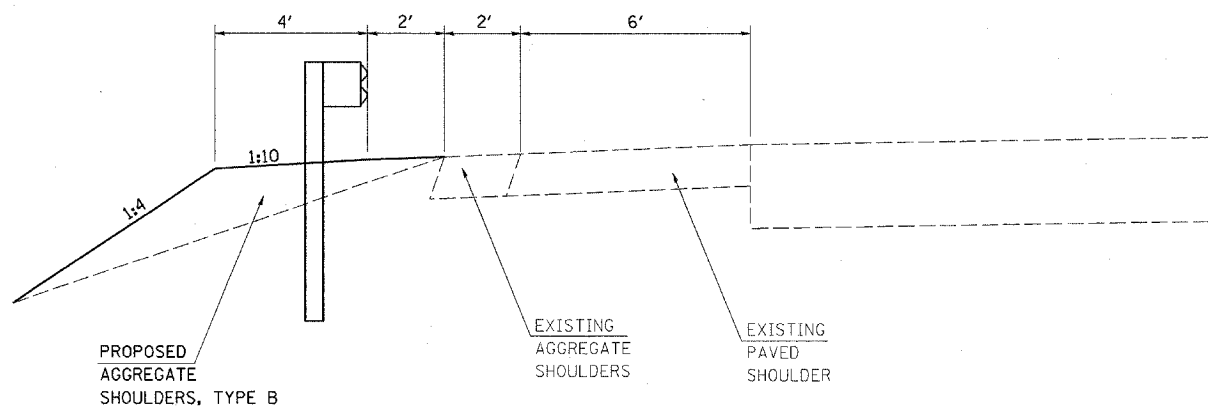
LOCATION MAPS

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

|   |                  |        |              |           |
|---|------------------|--------|--------------|-----------|
| F.A.I. RTE.                                     | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
| 72  | D7 SAFETY 2008-3 | MACON  | 70           | 4         |
| CONTRACT NO. 74250                              |                  |        |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |                  |        |              |           |



EXISTING TYPICAL SECTION



SHOULDER WIDENING DETAIL

|   |                          |            |                    |   |                |                      |                             |   |                       |                   |  |
|---|--------------------------|------------|--------------------|---|----------------|----------------------|-----------------------------|---|-----------------------|-------------------|--|
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| PLOT SCALE = 20,0000 "/ IN.                           | CHECKED -                | REVISED -  | SCALE:             |   |                | SHEET NO. OF SHEETS  | STA. TO STA.                | FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |                       |                   |  |
| PLOT DATE = 3/21/2008                                 | DATE -                   | REVISED -  | CONTRACT NO. 74250 |   |                |                      |                             |   |                       |                   |  |
|   |                          |            |                    |   |                |                      |                             |   |                       |                   |  |

REMOVE AND REINSTALL CONCRETE HEADWALL FOR PIPE UNDERDRAIN

| LOCATION   | STATION                    | QUANTITY |
|------------|----------------------------|----------|
| 2 058-0061 | 173+98.7 LT                | 1        |
| 4 058-0065 | 399+02.5 RT<br>399+07.8 LT | 1        |
| TOTAL:     |                            | 3        |

PIPE CULVERTS, TYPE 1 RCCP 24"

| LOCATION   | STATION TO STATION | LENGTH FEET |
|------------|--------------------|-------------|
| 1 058-0060 | 50+45 TO 51+00     | 55          |
| 3 058-0062 | 322+40 TO 323+30   | 90          |
| TOTAL:     |                    | 145         |

REMOVE INLET BOX

| LOCATION   | STATION                  | QUANTITY EACH |
|------------|--------------------------|---------------|
| 1 058-0060 | 50+67.3 RT<br>51+35.6 LT | 1             |
| 3 058-0062 | 322+72.9 LT              | 1             |
| TOTAL:     |                          | 3             |

GUARDRAIL SCHEDULE

| LOCATION | STATION | STEEL PLATE BEAM GUARDRAIL, TYPE A FEET | GUARDRAIL REMOVAL FEET | TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (TANGENT) EACH | TRAFFIC BARRIER TERMINAL, TYPE 2 EACH | GUARDRAIL MARKER, TYPE A EACH | TERMINAL MARKER, DIRECT APPLIED EACH |
|----------|---------|---|------------------------|---|---------------------------------------|-------------------------------|--------------------------------------|
| A        | 397+05  | 262.5                                   |                        | 1   | 1                                     | 6                             | 1                                    |
| B        | 527+55  | 275                                     |                        | 1   | 1                                     | 6                             | 1                                    |
| C        | 555+00  | 262.5                                   |                        | 1   | 1                                     | 6                             | 1                                    |
| D        | 673+75  | 262.5                                   |                        | 1   | 1                                     | 6                             | 1                                    |
| E        | 726+84  | 437.5                                   | 164                    | 1   |                                       | 6                             | 1                                    |
| TOTAL:   |         | 1500                                    | 164                    | 5   | 4                                     | 30                            | 5                                    |

CRASH WALL EXTENSIONS

| LOCATION   | CONCRETE STRUCTURES QUANTITY CU YD | REINFORCEMENT BARS, EPOXY COATED QUANTITY POUND |
|------------|------------------------------------|---|
| 2 058-0061 | 14.2                               | 1180  |
| 3 058-0062 | 3.4                                | 380   |
| 4 058-0065 | 4.1                                | 400   |
| 5 058-0072 | 9.0                                | 870   |
| 6 058-0073 | 4.8                                | 550   |
| 7 058-0097 | 7.4                                | 630   |
| TOTAL:     | 42.9                               | 4010  |

EARTHWORK

| STRUCTURE NO. | LOCATION NO. | STATION TO STATION | EARTH EXCAVATION (CU YD) | EARTH EX ADJ FOR SHRINKAGE (CU YD) | EMBANKMENT (CU YD) | EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD) |
|---------------|--------------|--------------------|--------------------------|------------------------------------|--------------------|---|
| SN 058-0060   | 1            | 50+12.5 TO 54+25   | 1                        | 0.75                               | 1135               | -1134   |
| SN 058-0061   | 2            | 169+50 TO 175+25   | 0                        | 0                                  | 1297               | -1297   |
| SN 058-0062   | 3            | 318+75 TO 323+75   | 0                        | 0                                  | 1297               | -1297   |
| SN 058-0065   | 4            | 398+50 TO 4+04     | 9                        | 6.75                               | 839                | -832  |
| SN 058-0072   | 5            | 630+00 TO 635+25   | 0                        | 0                                  | 719                | -719  |
| SN 058-0073   | 6            | 704+75 TO 709+25   | 0                        | 0                                  | 316                | -316  |
| SN 058-0097   | 7            | 851+50 TO 857+50   | 0                        | 0                                  | 1170               | -1170   |
| TOTALS:       |              |                    | 10                       | 7.5                                | 6773               | -6766   |

INLET AND PIPE PROTECTION

| LOCATION   | STATION          | QUANTITY EACH |
|------------|------------------|---------------|
| 1 058-0060 | 50+25            | 1             |
| 2 058-0061 | 169+05<br>175+00 | 1<br>1        |
| 3 058-0062 | 323+60           | 1             |
| 4 058-0065 | 398+31           | 1             |
| 5 058-0072 | 635+13           | 1             |
| TOTAL:     |                  | 6             |

AGGREGATE SHOULDERS, TYPE B

| LOCATION         | TON  |
|------------------|------|
| A STATION 397+05 | 238  |
| B STATION 527+55 | 246  |
| C STATION 555+00 | 234  |
| D STATION 673+75 | 240  |
| E STATION 726+84 | 220  |
| TOTAL:           | 1178 |

GUARD POSTS

| LOCATION      | NO.  |
|---------------|------|
| 1 SN 058-0060 | 10.0 |
| 2 SN 058-0061 | 10.0 |
| 3 SN 058-0062 | 10.0 |
| 4 SN 058-0065 | 10.0 |
| 5 SN 058-0072 | 10.0 |
| 6 SN 058-0073 | 10.0 |
| 7 SN 058-0097 | 10.0 |
| TOTAL:        | 70.0 |

IMPACT ATTENUATORS (NON-DIRECTIVE)  
TEST LEVEL 3

| LOCATION      | NO.  |
|---------------|------|
| 1 SN 058-0060 | 2.0  |
| 2 SN 058-0061 | 2.0  |
| 3 SN 058-0062 | 2.0  |
| 4 SN 058-0065 | 2.0  |
| 5 SN 058-0072 | 2.0  |
| 6 SN 058-0073 | 2.0  |
| 7 SN 058-0097 | 2.0  |
| TOTAL:        | 14.0 |

SEEDING

| Location   | ACRES | POUNDS | POUNDS | POUNDS | POUNDS | ACRES |
|------------|-------|--------|--------|--------|--------|-------|
| 1 058-0060 | 0.6   | 60     | 54     | 54     | 54     | 0.6   |
| 2 058-0061 | 0.9   | 90     | 81     | 81     | 81     | 0.9   |
| 3 085-0062 | 0.8   | 80     | 72     | 72     | 72     | 0.8   |
| 4 058-0065 | 0.8   | 80     | 72     | 72     | 72     | 0.8   |
| 5 058-0072 | 0.7   | 70     | 63     | 63     | 63     | 0.7   |
| 6 058-0073 | 0.6   | 60     | 54     | 54     | 54     | 0.6   |
| 7 058-0097 | 0.9   | 90     | 81     | 81     | 81     | 0.9   |
| TOTAL:     | 5.3   | 530    | 477    | 477    | 477    | 5.3   |

TEMPORARY DITCH CHECKS

| LOCATION   | STATION                    | QUANTITY EACH |
|------------|----------------------------|---------------|
| 1 058-0060 | 50+60<br>51+60<br>53+50    | 1<br>1<br>1   |
| 2 058-0061 | 171+05<br>174+25           | 1<br>1        |
| 3 058-0062 | 321+90<br>322+75           | 1<br>1        |
| 4 058-0065 | 399+90<br>402+50           | 1<br>1        |
| 5 058-0072 | 630+90<br>634+50           | 1<br>1        |
| 6 058-0073 | 705+90                     | 1             |
| 7 058-0097 | 851+90<br>853+60<br>857+40 | 1<br>1<br>1   |
| TOTAL:     |                            | 15            |

PIPE CULVERT REMOVAL

| LOCATION   | TYPE         | LENGTH |
|------------|--------------|--------|
| 1 058-0060 | 24" CONCRETE | 33'    |
|            | 24" CONCRETE | 30'    |
| 3 058-0062 | 24" CONCRETE | 30'    |
| TOTAL:     |              | 93'    |

PIPE UNDERDRAINS, 4" (SPECIAL)

| LOCATION   | STATION                      | QUANTITY FEET |
|------------|------------------------------|---------------|
| 4 058-0065 | 399+02.5 RT.<br>399+07.8 LT. | 14<br>11      |
| TOTAL:     |                              | 25            |

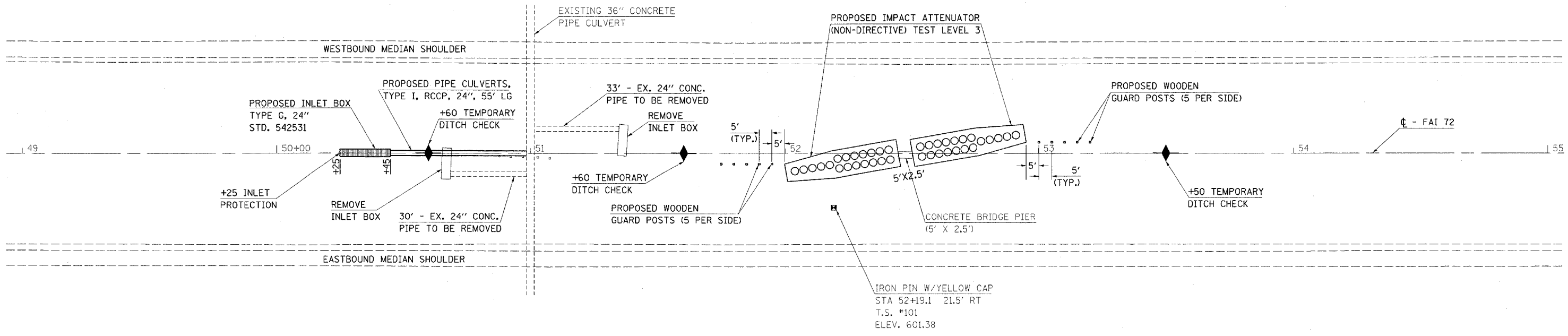
INLET BOX, STANDARD 542531

| LOCATION   | STATION | QUANTITY EACH |
|------------|---------|---------------|
| 1 058-0060 | 50+25   | 1             |
| 3 058-0062 | 323+30  | 1             |
| TOTAL:     |         | 2             |

PIPE UNDERDRAINS, 6" (SPECIAL)

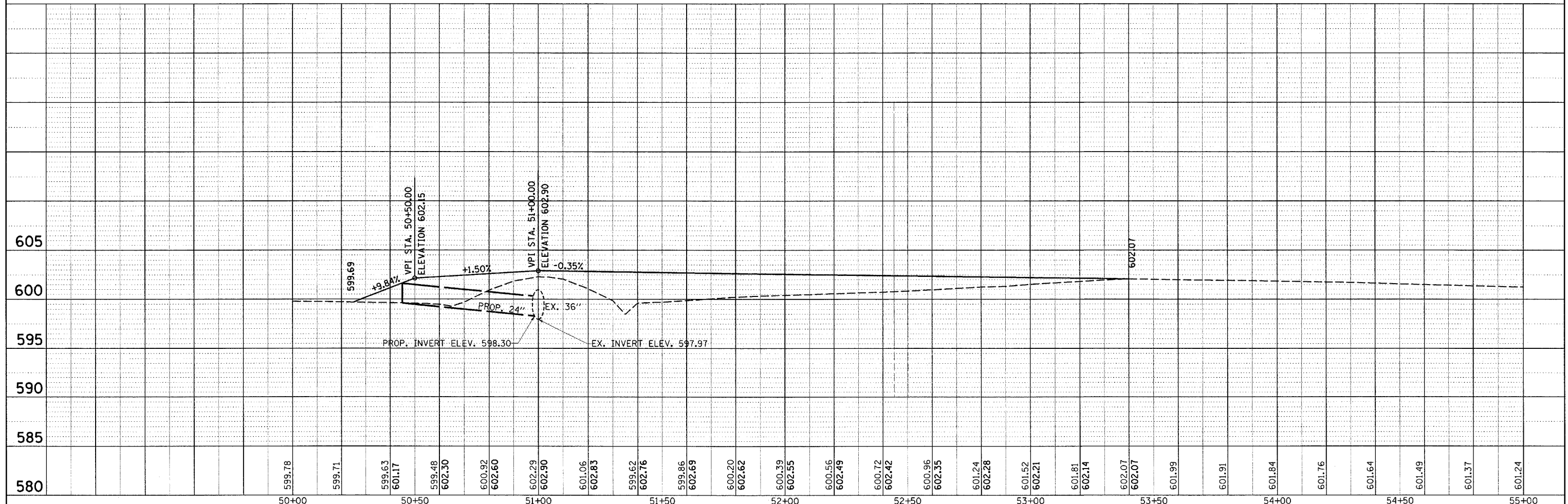
| LOCATION   | STATION      | QUANTITY FEET |
|------------|--------------|---------------|
| 2 058-0061 | 173+98.7 LT. | 22            |
| TOTAL:     |              | 22            |

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



SEE CROSS SECTIONS SHEETS 25-34

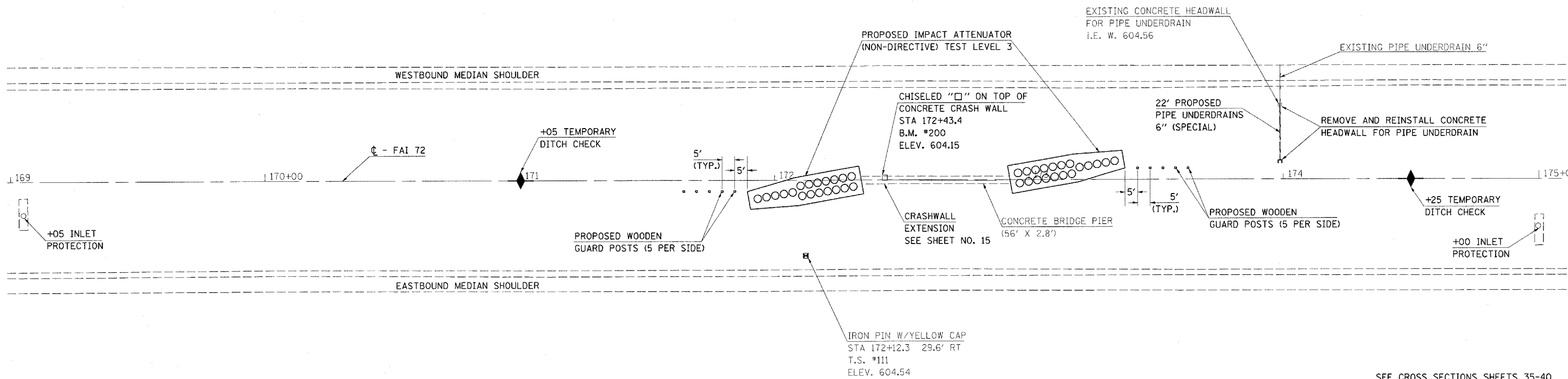
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PROFILE  
NOTE BOOK  
NO.



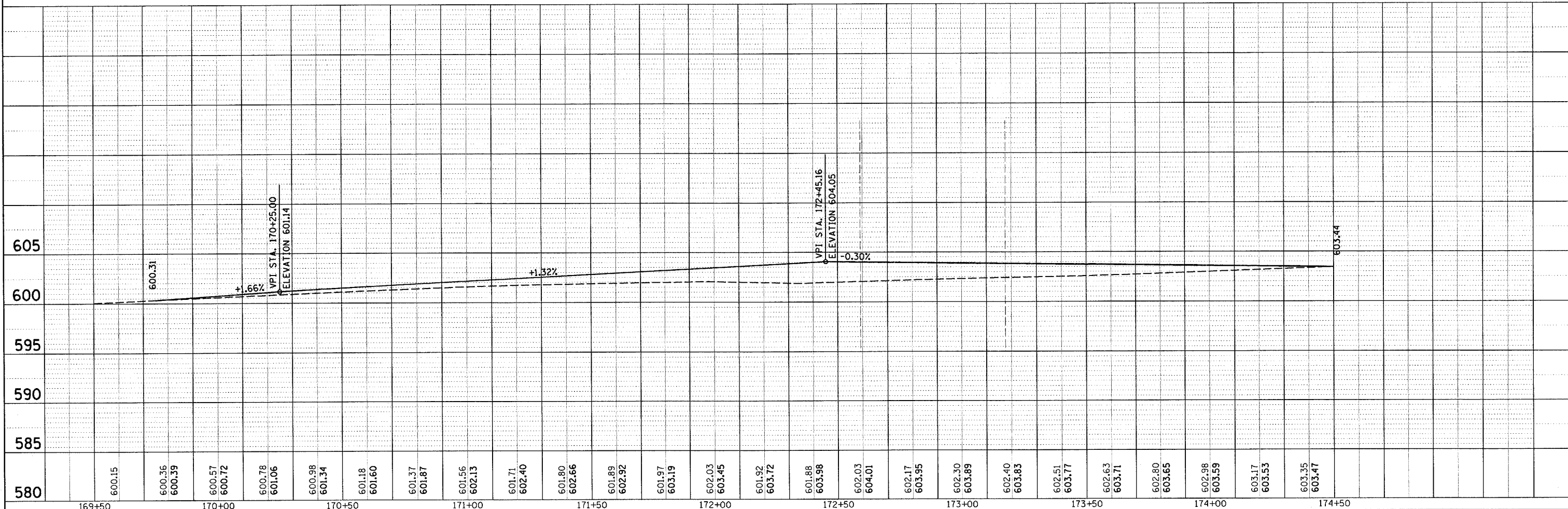
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| PLOT SCALE = 20,0000' / IN.                       | CHECKED -               | REVISED -  | SCALE:    |   |                                 | SHEET NO. OF SHEETS  | STA. 50+00 TO STA. 55+00    | FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |                       |                   |  |
| PLOT DATE = 3/21/2008                             | DATE -                  | REVISED -  |           |   |                                 |                      |                             |   |                       |                   |  |
| CONTRACT NO. 74250                                |                         |            |           |   |                                 |                      |                             |   |                       |                   |  |



|           |  |
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| DATE      |  |
| BY        |  |
| REVISIONS |  |
| PLANNED   |  |
| NOTED     |  |
| NO.       |  |

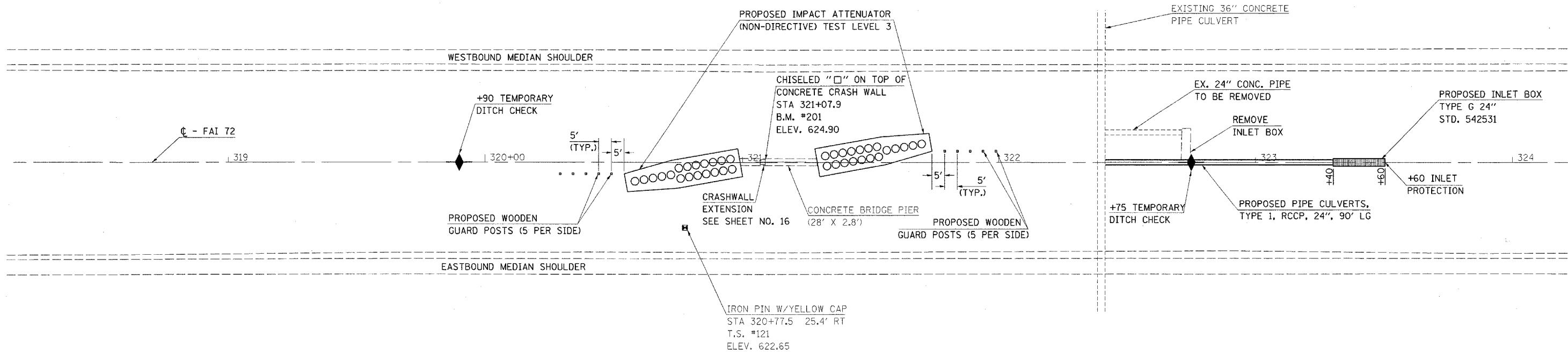


SEE CROSS SECTIONS SHEETS 35-40



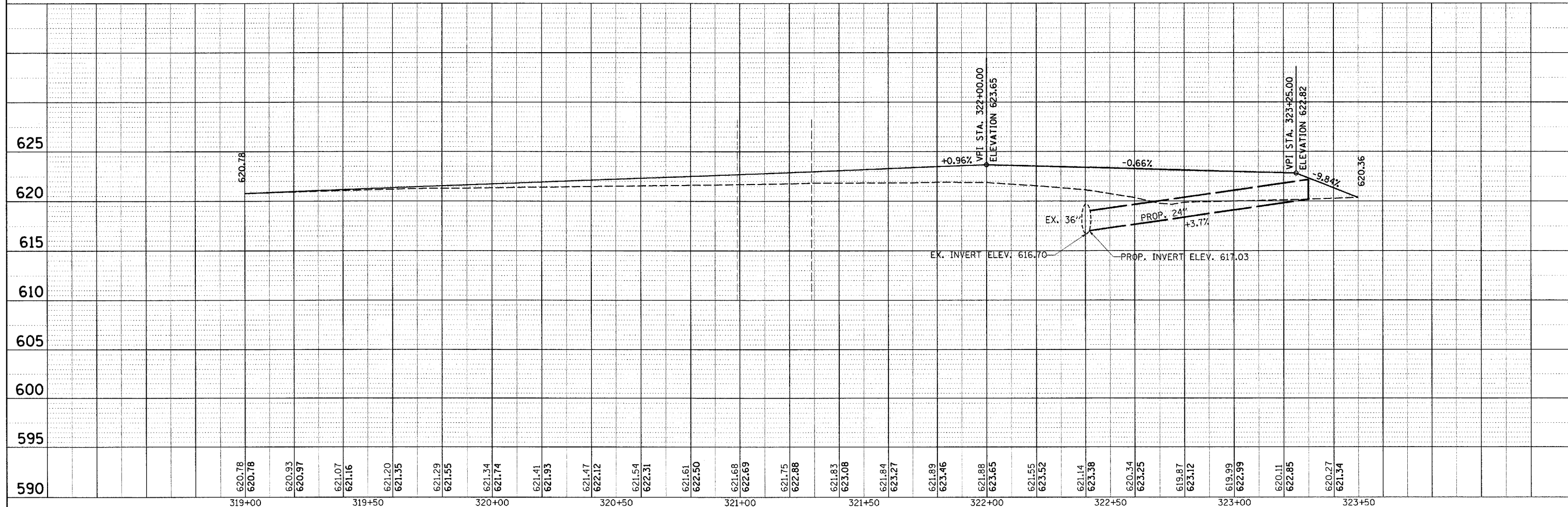
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| FILE NAME =                          | USER NAME = teasleyck | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>LOCATION 2 S.N. 058-0061</b> | F.A.I. RTE.        | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO.   |                |
| ci:\projects\74250\d\shp&p.74250.dgn |                       | DRAWN -    | REVISED - |   |                                 | 72                 | D7 SAFETY 2008-3 | MACON  | 70           | 9           |                |
| PLOT SCALE = 20.0000' / IN.          |                       | CHECKED -  | REVISED - |   |                                 | CONTRACT NO. 74250 |                  |        |              |             |                |
| PLOT DATE = 3/21/2008                |                       | DATE -     | REVISED - |   |                                 | SCALE:             | SHEET NO.        | OF     | SHEETS       | STA. 170+00 | TO STA. 175+00 |

|      |                    |      |
|------|--------------------|------|
| PLAN | SURVEYED           | DATE |
|      | PLOTTED            |      |
|      | CHECKED            |      |
|      | BY                 |      |
|      | DATE               |      |
|      | REVISION           |      |
|      | NO. OF WAY CHECKED |      |
|      | CADD FILE NAME     |      |



SEE CROSS SECTIONS SHEETS 41-46

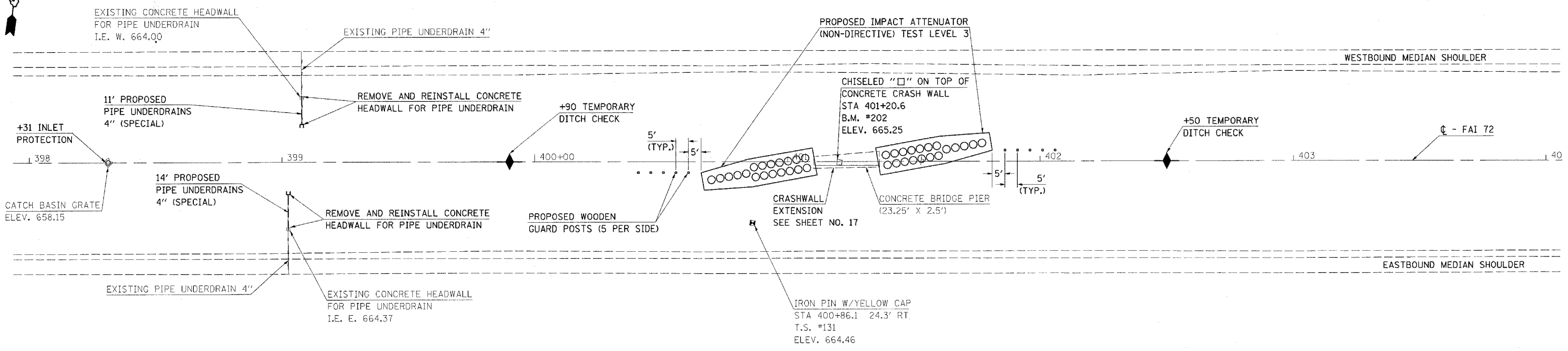
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|         | PLOTTED        |      |
|         | CHECKED        |      |
|         | BY             |      |
|         | DATE           |      |
|         | REVISION       |      |
|         | NOTATIONS CHKD |      |
|         | NO.            |      |



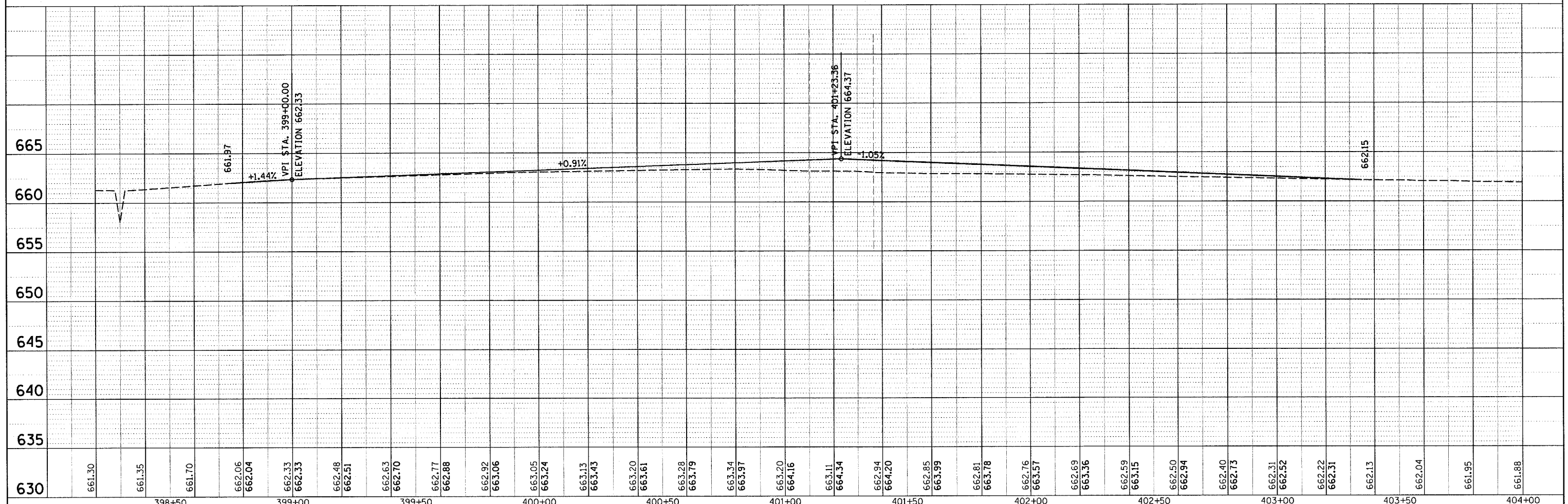
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| FILE NAME =        | USER NAME = teasleyak       | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>LOCATION 3 S.N. 058-0062</b> | F.A.I. RTE. 72 | SECTION D7 SAFETY 2008-3 | COUNTY MACON               | TOTAL SHEETS 70                                 | SHEET NO. 10 |  |  |
| CONTRACT NO. 74250 | PLOT SCALE = 20,0000' / IN. | DRAWN -    | REVISED - |   |                                 | SCALE:         | SHEET NO. OF SHEETS      | STA. 318+50 TO STA. 324+00 | FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |              |  |  |
|                    | PLOT DATE = 3/21/2009       | CHECKED -  | REVISED - |   |                                 |                |                          |                            |   |              |  |  |
|                    |                             | DATE -     | REVISED - |   |                                 |                |                          |                            |   |              |  |  |



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|-----------|--|
| DATE      |  |
| BY        |  |
| PLAN      |  |
| NO.       |  |
| DATE      |  |
| BY        |  |
| FILE NAME |  |

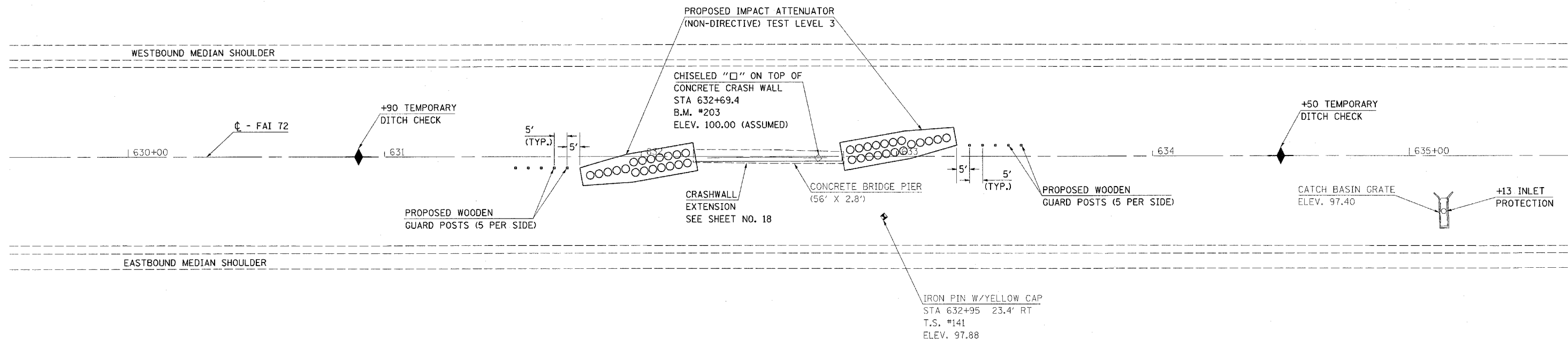


SEE CROSS SECTIONS SHEETS 47-52

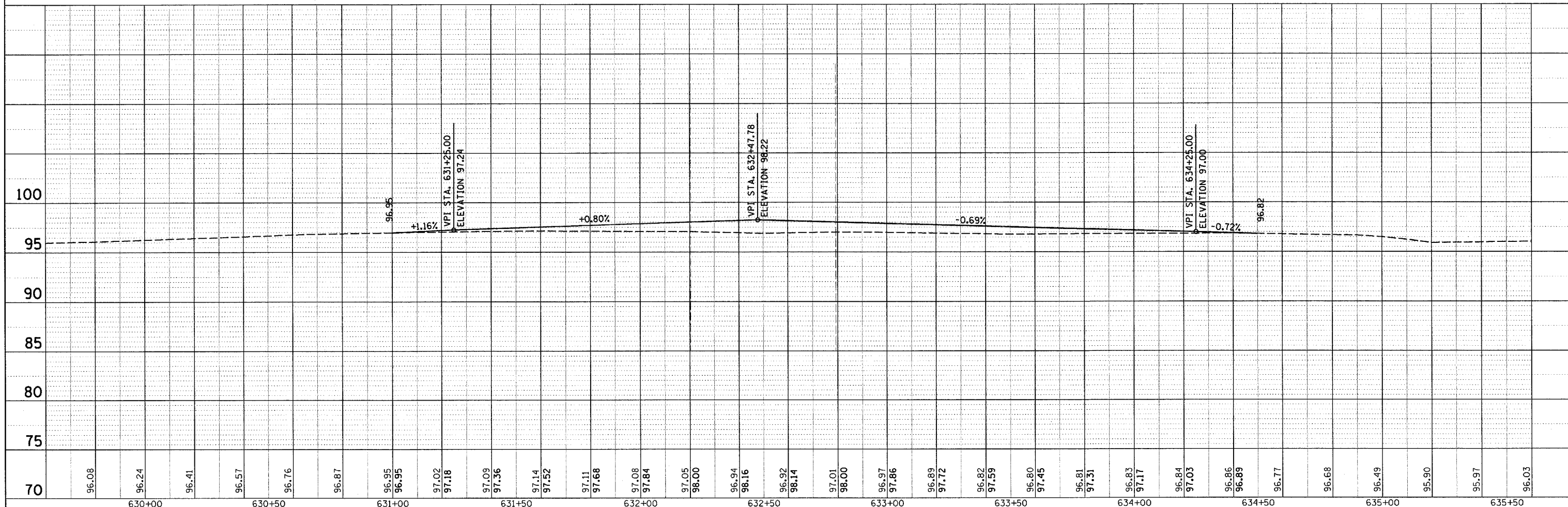


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|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--------|--|--|--|--|
| 661.30 | 661.35 | 661.70 | 662.06 | 662.04 | 662.33 | 662.33 | 662.48 | 662.51 | 662.63 | 662.70 | 662.77 | 662.88 | 662.92 | 663.06 | 663.05 | 663.24 | 663.13 | 663.43 | 663.20 | 663.61 | 663.28 | 663.79 | 663.34 | 663.97 | 663.20 | 664.16 | 663.11 | 664.34 | 662.94 | 664.20 | 662.85 | 663.99 | 662.81 | 663.78 | 662.76 | 663.57 | 662.69 | 663.36 | 662.59 | 663.15 | 662.50 | 662.94 | 662.40 | 662.73 | 662.31 | 662.52 | 662.22 | 662.31 | 662.13 | 662.04 | 661.95 | 661.88 |  |  |        |  |  |  |  |
| 398+50 |        |        |        |        | 399+00 |        |        |        |        | 399+50 |        |        |        |        | 400+00 |        |        |        |        | 400+50 |        |        |        |        | 401+00 |        |        |        |        | 401+50 |        |        |        |        | 402+00 |        |        |        |        | 402+50 |        |        |        |        | 403+00 |        |        |        |        | 403+50 |        |        |  |  | 404+00 |  |  |  |  |

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 PLOTTED: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 NOTE BOOK NO. \_\_\_\_\_  
 STRUCTURE NOTATION: CHRD



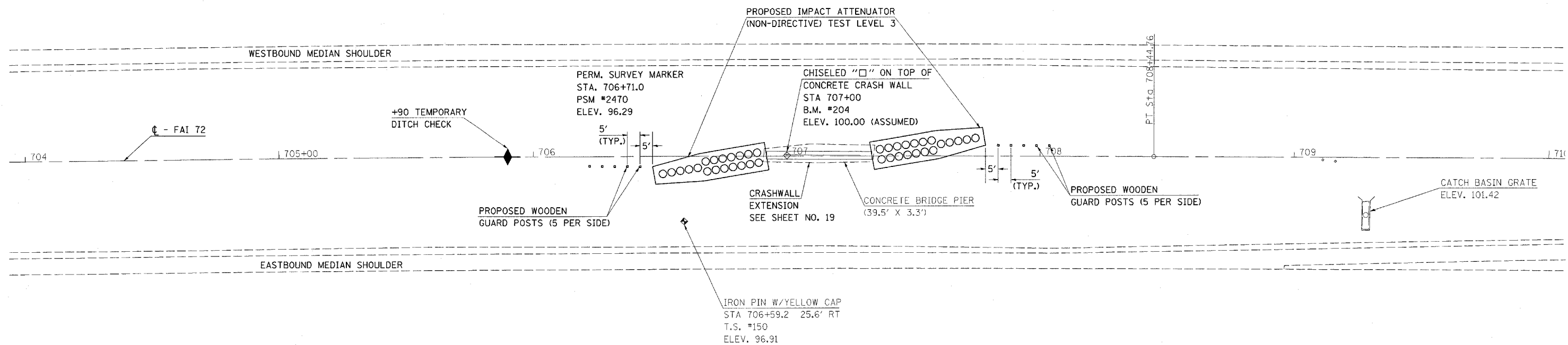
SEE CROSS SECTIONS SHEETS 53-58



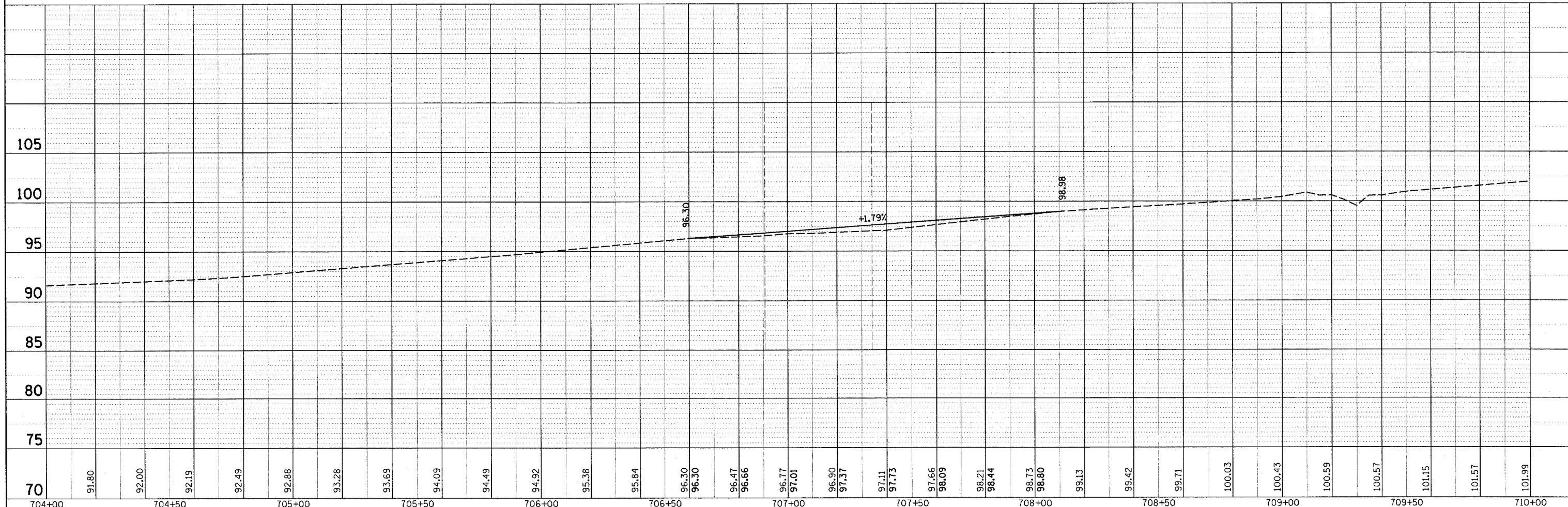
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| PLOT SCALE = 20,0000' / IN.                         | CHECKED -             | REVISED -  | SCALE:             |   |                                 | SHEET NO. OF SHEETS | STA. 629+60 TO STA. 635+60  | FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |                    |                 |  |
| PLOT DATE = 3/21/2008                               | DATE -                | REVISED -  | CONTRACT NO. 74250 |   |                                 |                     |                             |   |                    |                 |  |
|   |                       |            |                    |   |                                 |                     |                             |   |                    |                 |  |

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| BY                 |  |
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| PLANNED            |  |
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| NO. OF             |  |
| NOTE BOOK          |  |
| NO.                |  |
| FILE NAME          |  |

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|--------------------|--|
| DATE               |  |
| BY                 |  |
| SURVEYED           |  |
| PLANNED            |  |
| RT. OF WAY CHECKED |  |
| NO. OF             |  |
| NOTE BOOK          |  |
| NO.                |  |
| FILE NAME          |  |



SEE CROSS SECTIONS SHEETS 59-65



|        |        |        |        |        |        |        |        |        |        |        |        |        |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 704+00 | 91.80  | 92.00  | 92.19  | 92.49  | 92.88  | 93.28  | 93.69  | 94.09  | 94.49  | 94.92  | 95.38  | 95.84  | 96.30 | 96.30 | 96.47 | 96.66 | 96.77 | 97.01 | 96.90 | 97.37 | 97.11 | 97.73 | 97.66 | 98.09 | 98.21 | 98.44 | 98.73 | 98.80 | 99.13 | 99.42 | 99.71 | 100.03 | 100.43 | 100.59 | 100.57 | 101.15 | 101.57 | 101.99 |
| 704+00 | 704+50 | 705+00 | 705+50 | 706+00 | 706+50 | 707+00 | 707+50 | 708+00 | 708+50 | 709+00 | 709+50 | 710+00 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |

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USER NAME = teasleyk  
 DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

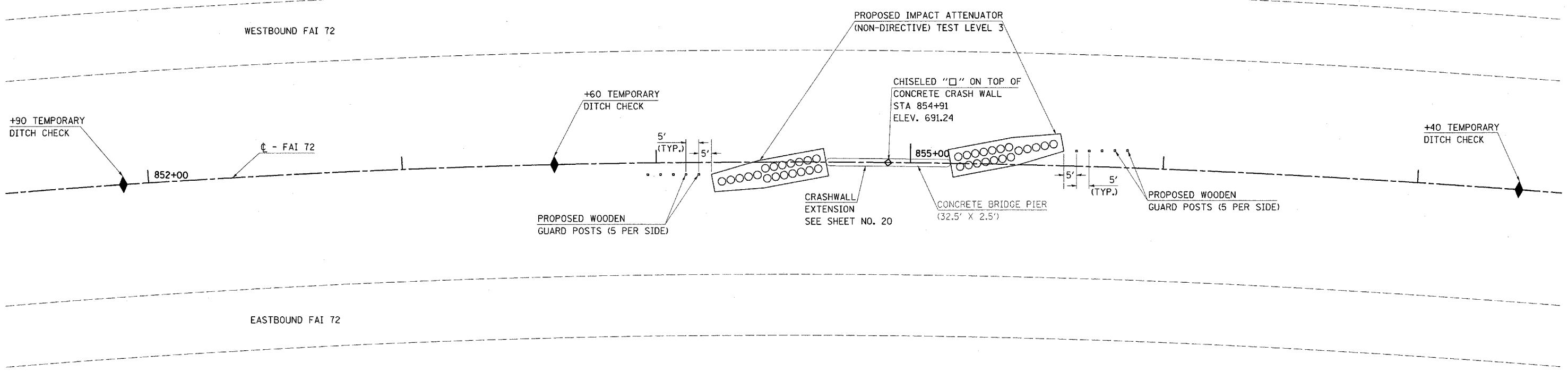
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

LOCATION 6 S.N. 058-0073  
 SCALE: SHEET NO. OF SHEETS STA. 704+00 TO STA. 710+00

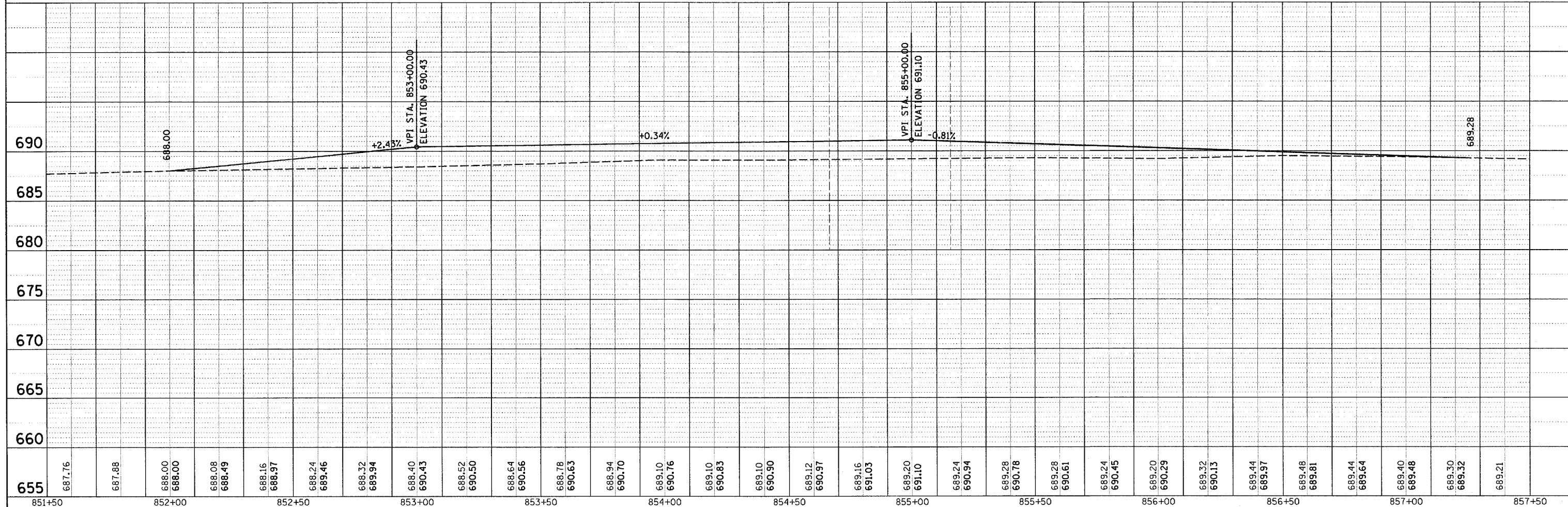
F.A.I. RTE. 72 SECTION D7 SAFETY 2008-3 COUNTY MACON TOTAL SHEETS 70 SHEET NO. 13 CONTRACT NO. 74250  
 FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_ CHECKED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 PLAN NOTE BOOK NO. \_\_\_\_\_  
 CAD FILE NAME \_\_\_\_\_



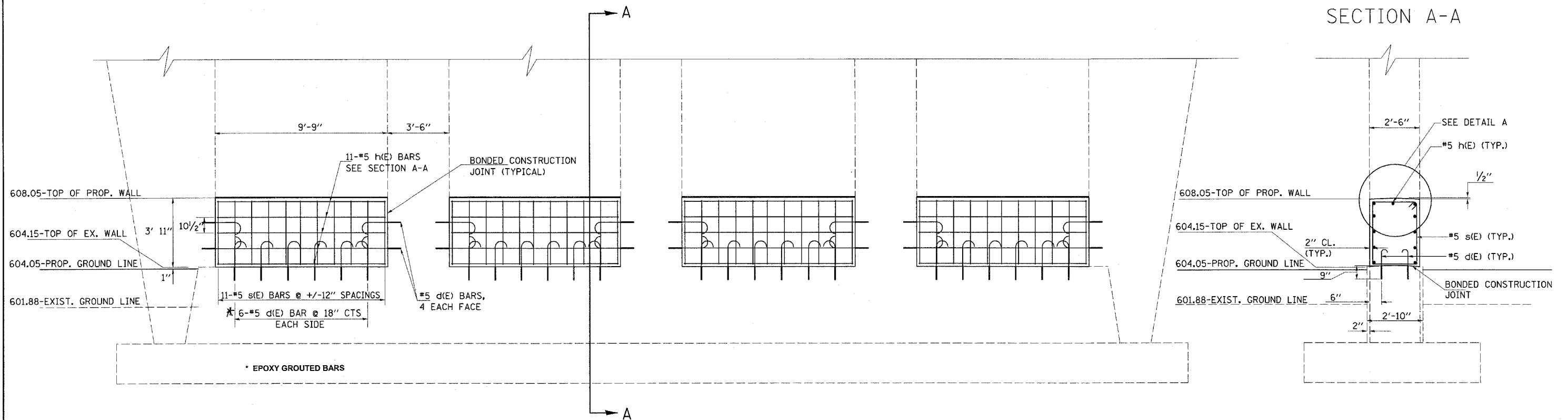
SEE CROSS SECTIONS SHEETS 66-70

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_ CHECKED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 PROFILE NOTE BOOK NO. \_\_\_\_\_  
 STRUCTURE NOTATION: CRKD



|  |                          |  |  |   |  |  |  |  |  |  |  |   |                             |                 |                       |                    |
|--|--------------------------|--|--|---|--|--|--|--|--|--|--|---|-----------------------------|-----------------|-----------------------|--------------------|
| FILE NAME =<br>c:\projects\74250\d\shp\p_74250.dgn | USER NAME =<br>teasleyck | DESIGNED -<br>DRAWN -<br>CHECKED -<br>DATE - | REVISED -<br>REVISED -<br>REVISED -<br>REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> |  |  |  | <b>LOCATION 7 S.N. 058-0097</b>                |  |  |  | F.A.I.<br>RTE.<br>72  | SECTION<br>D7 SAFETY 2008-3 | COUNTY<br>MACON | TOTAL<br>SHEETS<br>70 | SHEET<br>NO.<br>14 |
| PLOT SCALE = 20,0000 "/ IN.                        |                          | PLOT DATE = 3/21/2008                        |  | SCALE:  |  |  |  | SHEET NO. OF SHEETS STA. 851+50 TO STA. 857+50 |  |  |  | CONTRACT NO. 74250<br>FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |                             |                 |                       |                    |

# DETAIL OF CRASHWALL EXTENSION

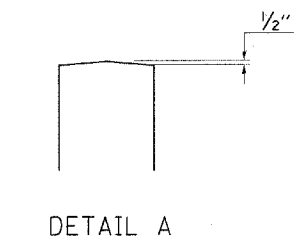
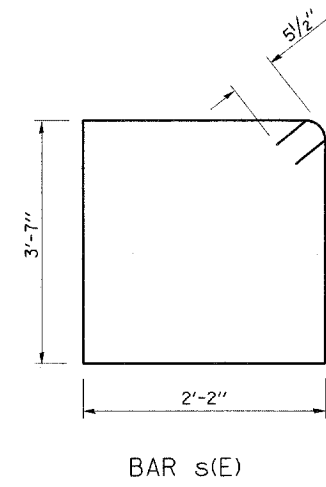
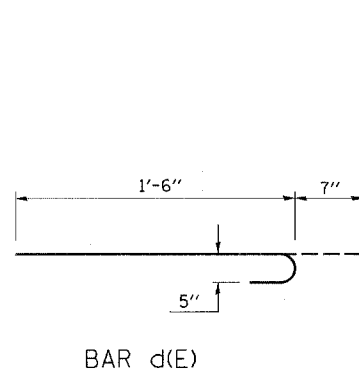


### BILL OF MATERIALS

| ITEM                             | UNIT   | QUANTITY |
|----------------------------------|--------|----------|
| CONCRETE STRUCTURES              | CU.YD. | 14.2     |
| REINFORCEMENT BARS, EPOXY COATED | LB.    | 1180     |
|                                  |        |          |
|                                  |        |          |

### BAR TABLE

| BAR  | QTY. | SIZE | LENGTH | SHAPE |
|------|------|------|--------|-------|
| d(E) | 80   | #5   | 2'-1"  |       |
| s(E) | 44   | #5   | 12'-5" |       |
| h(E) | 44   | #5   | 9'-5"  |       |
|      |      |      |        |       |
|      |      |      |        |       |



### GENERAL NOTES

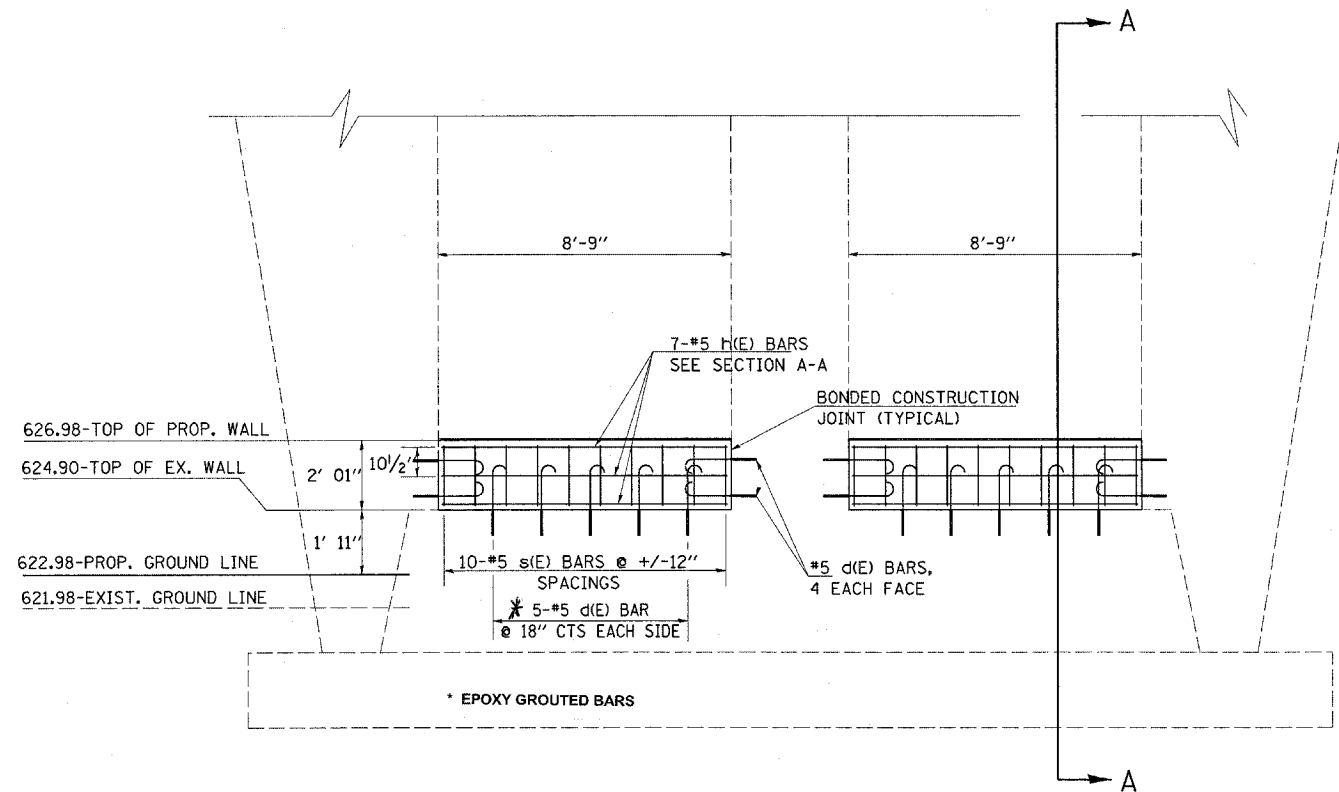
EPOXY GROUTING SHALL BE DONE IN ACCORDANCE WITH ARTICLE 584 OF THE STANDARD SPECIFICATIONS. THE DRILLED HOLES FOR THE d(E) BARS SHALL BE 1/4" LARGER THAN THE DIAMETER OF THE BAR. THE COST OF THE EPOXY GROUTING AND DRILLING SHALL BE INCLUDED IN THE COST OF REINFORCEMENT BARS, EPOXY COATED.

REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A 706 Gr 60 (IL MODIFIED). SEE SPECIAL PROVISIONS

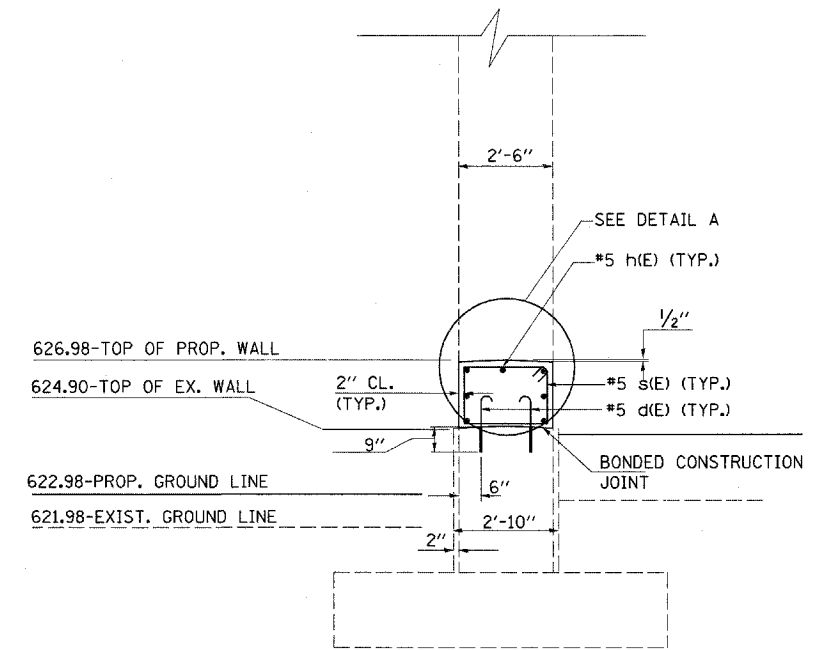
PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING STRUCTURE HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF THE WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE FOR THE WORK.

REINFORCEMENT BARS LABELED (E) ARE EPOXY COATED BARS.

# DETAIL OF CRASHWALL EXTENSION

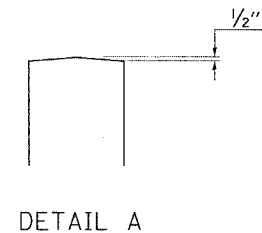
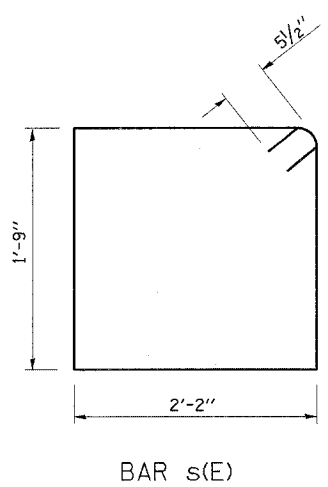
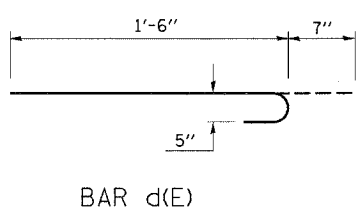


## SECTION A-A



BAR TABLE

| BAR  | QTY. | SIZE | LENGTH | SHAPE |
|------|------|------|--------|-------|
| d(E) | 36   | #5   | 2'-1"  |       |
| s(E) | 20   | #5   | 8'-9"  |       |
| h(E) | 14   | #5   | 8'-5"  |       |
|      |      |      |        |       |
|      |      |      |        |       |



BILL OF MATERIALS

| ITEM                             | UNIT   | QUANTITY |
|----------------------------------|--------|----------|
| CONCRETE STRUCTURES              | CU.YD. | 3.4      |
| REINFORCEMENT BARS, EPOXY COATED | LB.    | 380      |
|                                  |        |          |
|                                  |        |          |

### GENERAL NOTES

EPOXY GROUTING SHALL BE DONE IN ACCORDANCE WITH ARTICLE 584 OF THE STANDARD SPECIFICATIONS. THE DRILLED HOLES FOR THE d(E) BARS SHALL BE 1/4" LARGER THAN THE DIAMETER OF THE BAR. THE COST OF THE EPOXY GROUTING AND DRILLING SHALL BE INCLUDED IN THE COST OF REINFORCEMENT BARS, EPOXY COATED.

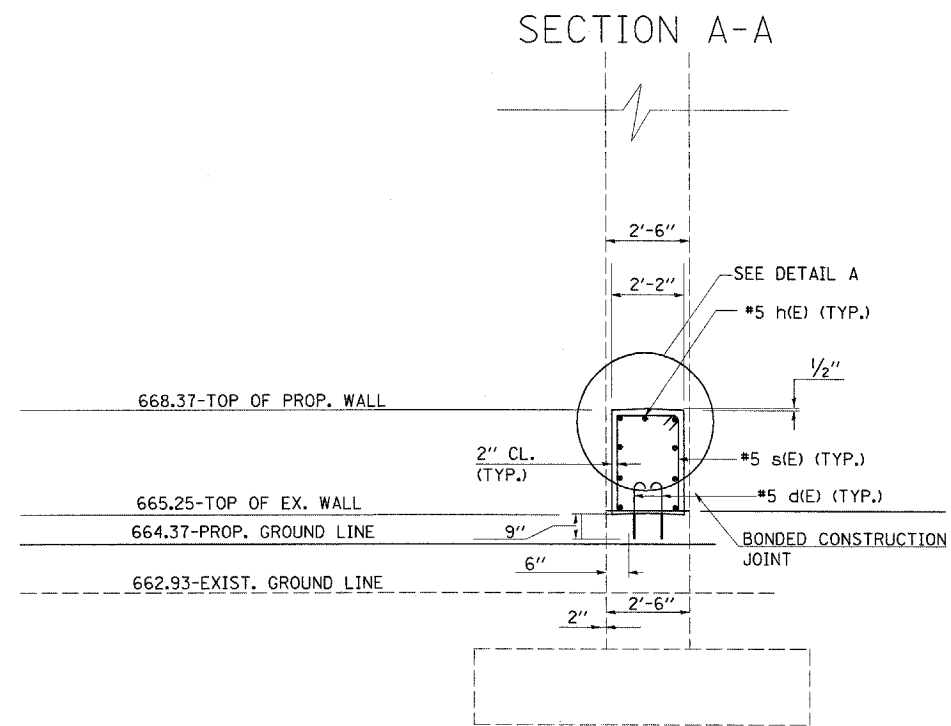
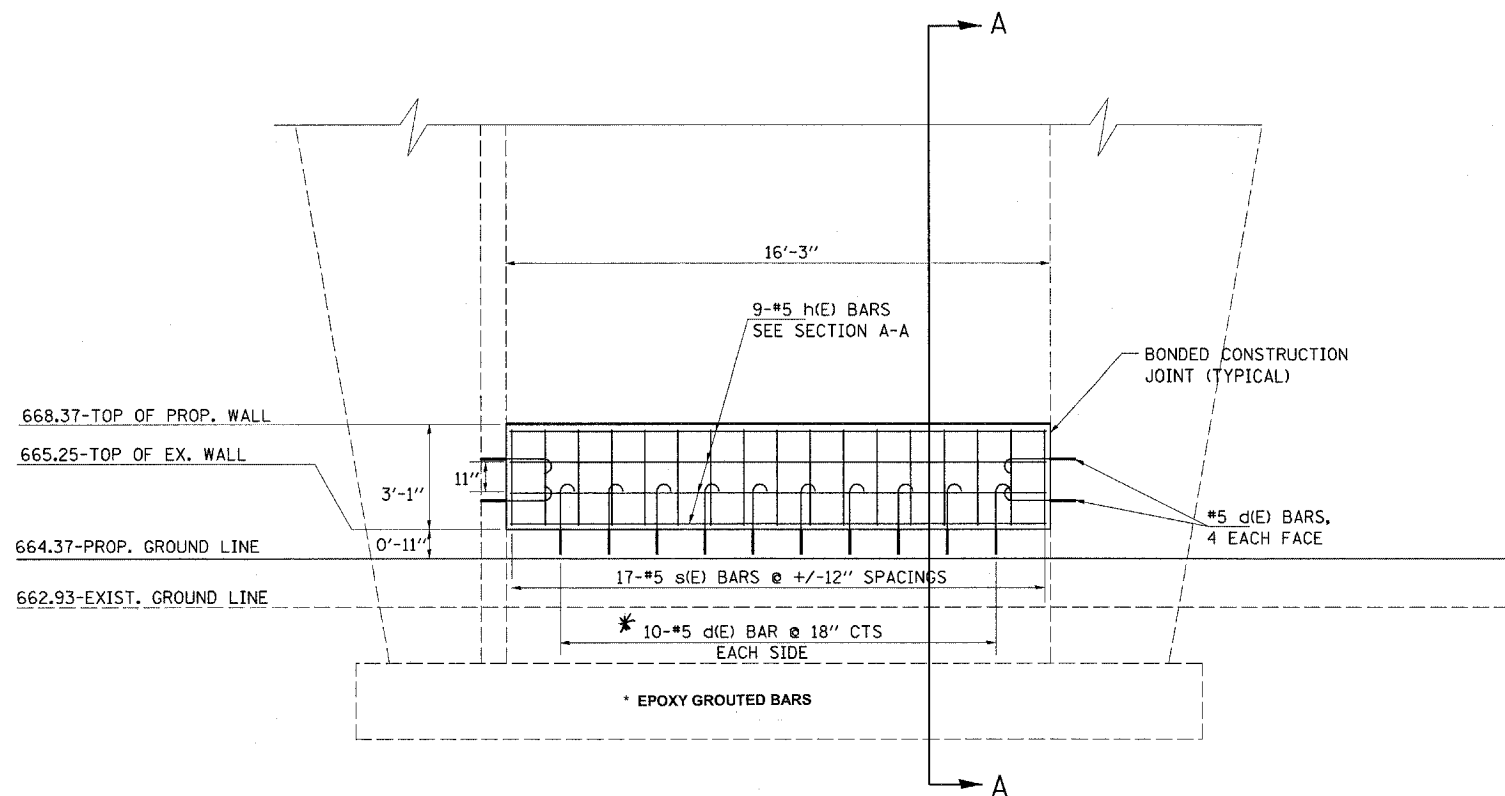
REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A 706 Gr 60 (IL MODIFIED). SEE SPECIAL PROVISIONS

PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING STRUCTURE HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF THE WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE FOR THE WORK.

REINFORCEMENT BARS LABELED (E) ARE EPOXY COATED BARS.



# DETAIL OF CRASHWALL EXTENSION

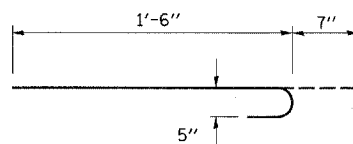


BAR TABLE

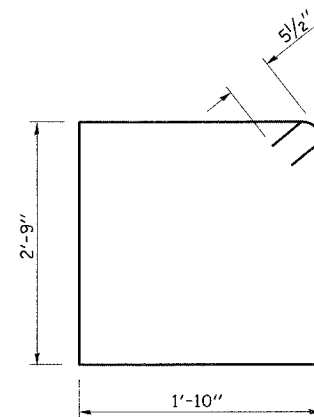
| BAR  | QTY. | SIZE | LENGTH  | SHAPE |
|------|------|------|---------|-------|
| d(E) | 28   | #5   | 2'-1"   |       |
| s(E) | 17   | #5   | 10'-1"  |       |
| h(E) | 9    | #5   | 15'-11" |       |
|      |      |      |         |       |
|      |      |      |         |       |
|      |      |      |         |       |

BILL OF MATERIALS

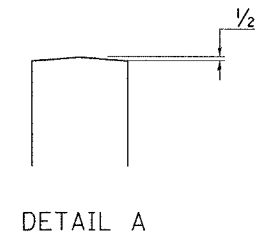
| ITEM                             | UNIT   | QUANTITY |
|----------------------------------|--------|----------|
| CONCRETE STRUCTURES              | CU.YD. | 4.1      |
| REINFORCEMENT BARS, EPOXY COATED | LB.    | 400      |
|                                  |        |          |
|                                  |        |          |



BAR d(E)



BAR s(E)



DETAIL A

### GENERAL NOTES

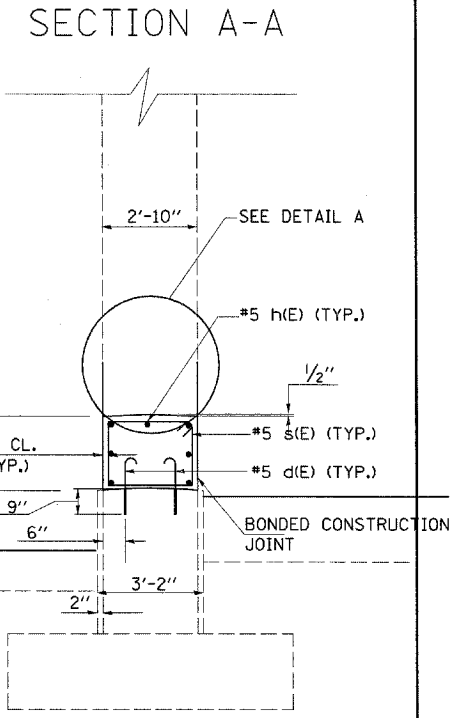
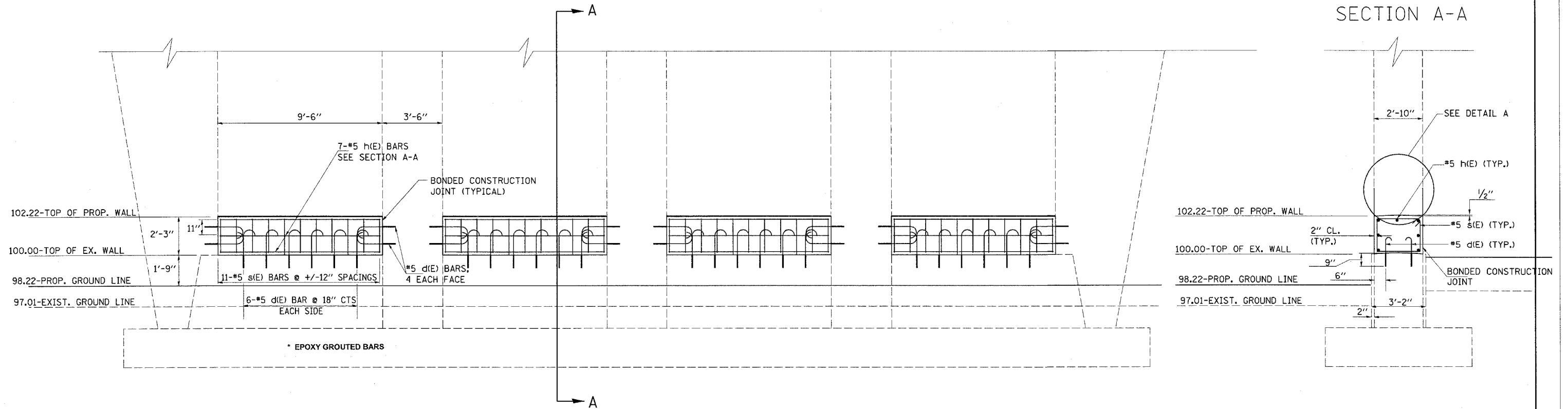
EPOXY GROUTING SHALL BE DONE IN ACCORDANCE WITH ARTICLE 584 OF THE STANDARD SPECIFICATIONS. THE DRILLED HOLES FOR THE d(E) BARS SHALL BE 1/4" LARGER THAN THE DIAMETER OF THE BAR. THE COST OF THE EPOXY GROUTING AND DRILLING SHALL BE INCLUDED IN THE COST OF REINFORCEMENT BARS, EPOXY COATED.

REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A 706 Gr 60 (IL MODIFIED). SEE SPECIAL PROVISIONS

PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING STRUCTURE HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF THE WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE FOR THE WORK.

REINFORCEMENT BARS LABELED (E) ARE EPOXY COATED BARS.

# DETAIL OF CRASHWALL EXTENSION

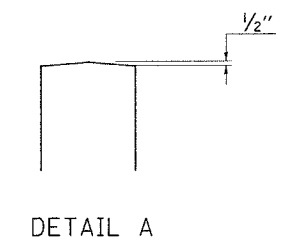
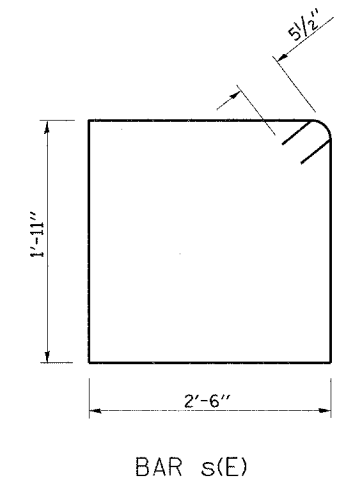
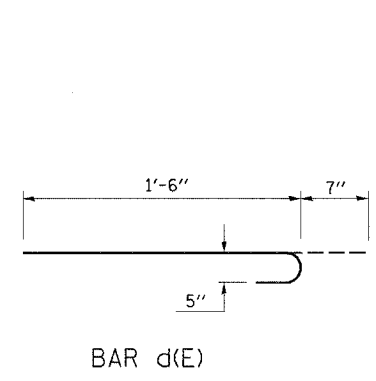


BAR TABLE

| BAR  | QTY. | SIZE | LENGTH | SHAPE |
|------|------|------|--------|-------|
| d(E) | 80   | #5   | 2'-1"  |       |
| s(E) | 44   | #5   | 9'-5"  |       |
| h(E) | 28   | #5   | 9'-2"  |       |
|      |      |      |        |       |
|      |      |      |        |       |
|      |      |      |        |       |

BILL OF MATERIALS

| ITEM                             | UNIT   | QUANTITY |
|----------------------------------|--------|----------|
| CONCRETE STRUCTURES              | CU.YD. | 9.0      |
| REINFORCEMENT BARS, EPOXY COATED | LB.    | 870      |
|                                  |        |          |
|                                  |        |          |



### GENERAL NOTES

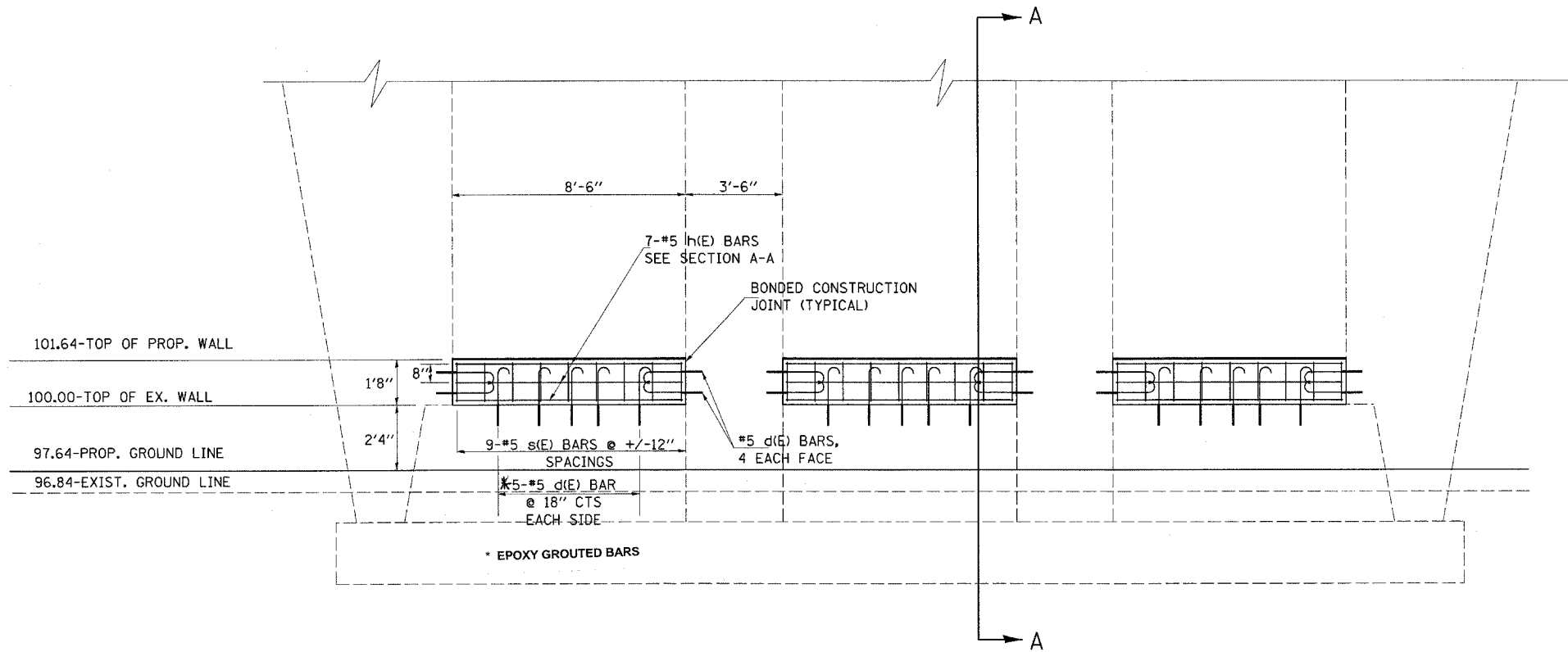
EPOXY GROUTING SHALL BE DONE IN ACCORDANCE WITH ARTICLE 584 OF THE STANDARD SPECIFICATIONS. THE DRILLED HOLES FOR THE d(E) BARS SHALL BE 1/4" LARGER THAN THE DIAMETER OF THE BAR. THE COST OF THE EPOXY GROUTING AND DRILLING SHALL BE INCLUDED IN THE COST OF REINFORCEMENT BARS, EPOXY COATED.

REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A 706 Gr 60 (IL MODIFIED). SEE SPECIAL PROVISIONS

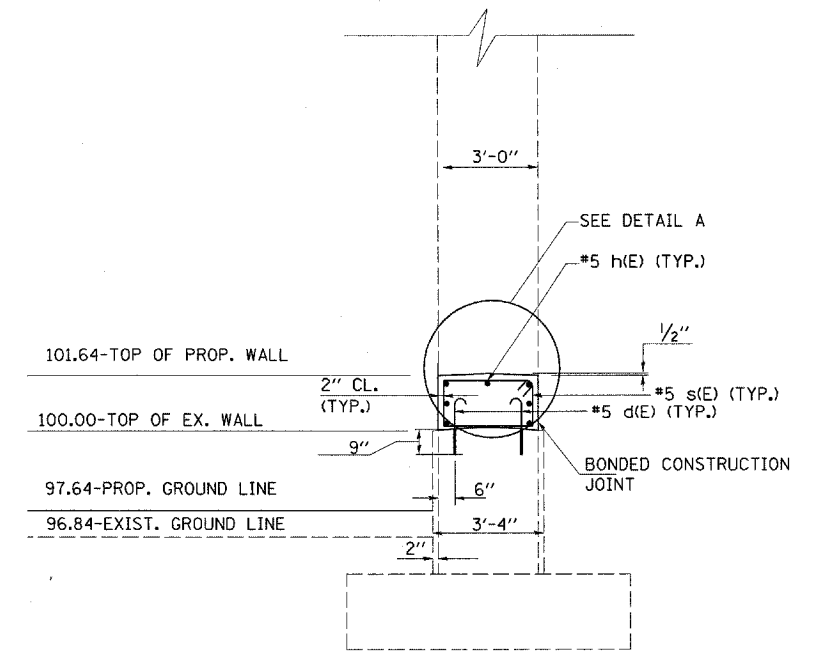
PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING STRUCTURE HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF THE WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE FOR THE WORK.

REINFORCEMENT BARS LABELED (E) ARE EPOXY COATED BARS.

# DETAIL OF CRASHWALL EXTENSION



## SECTION A-A

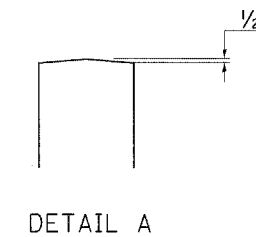
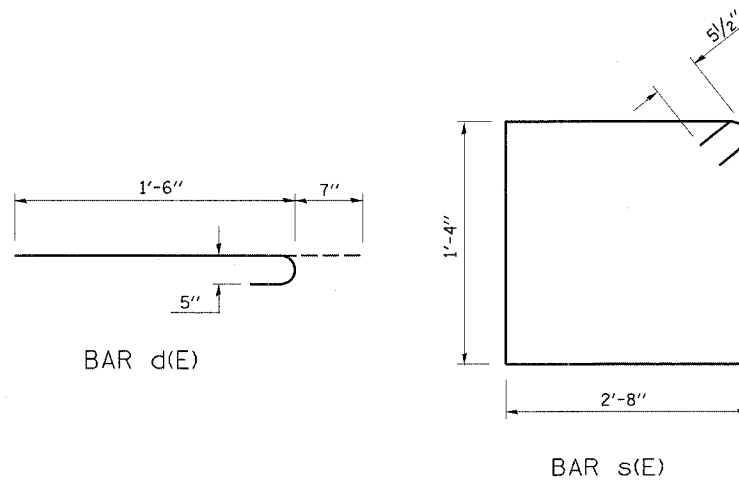


### BILL OF MATERIALS

| ITEM                             | UNIT   | QUANTITY |
|----------------------------------|--------|----------|
| CONCRETE STRUCTURES              | CU.YD. | 4.8      |
| REINFORCEMENT BARS, EPOXY COATED | LB.    | 550      |
|                                  |        |          |
|                                  |        |          |

### BAR TABLE

| BAR  | QTY. | SIZE | LENGTH | SHAPE |
|------|------|------|--------|-------|
| d(E) | 54   | #5   | 2'-1"  |       |
| s(E) | 27   | #5   | 8'-11" |       |
| h(E) | 21   | #5   | 8'-2"  |       |
|      |      |      |        |       |
|      |      |      |        |       |



### GENERAL NOTES

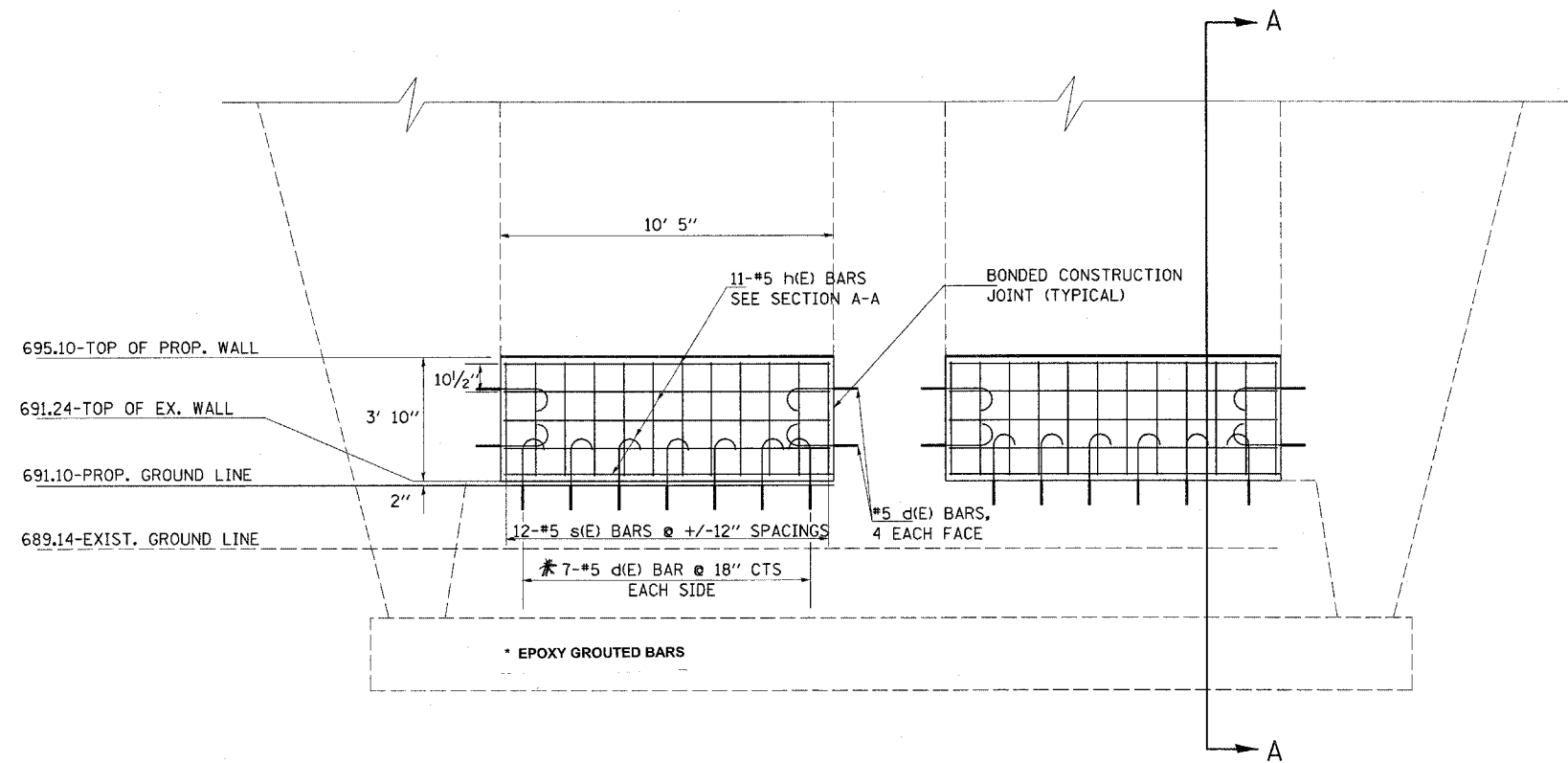
EPOXY GROUTING SHALL BE DONE IN ACCORDANCE WITH ARTICLE 584 OF THE STANDARD SPECIFICATIONS. THE DRILLED HOLES FOR THE d(E) BARS SHALL BE 1/4" LARGER THAN THE DIAMETER OF THE BAR. THE COST OF THE EPOXY GROUTING AND DRILLING SHALL BE INCLUDED IN THE COST OF REINFORCEMENT BARS, EPOXY COATED.

REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A 706 Gr 60 (IL MODIFIED). SEE SPECIAL PROVISIONS

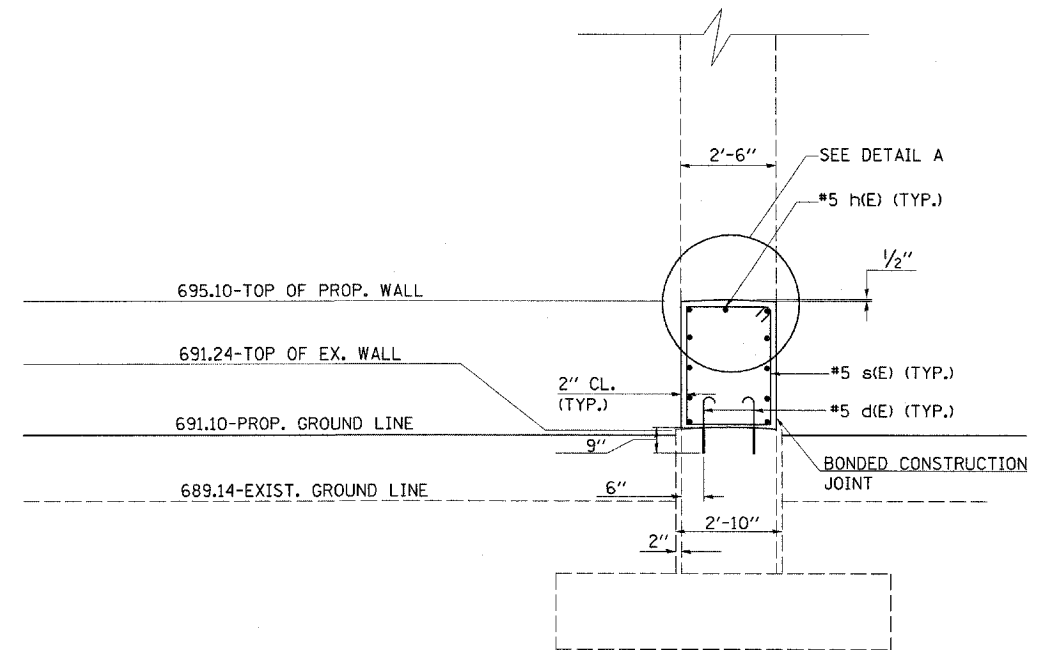
PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING STRUCTURE HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF THE WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE FOR THE WORK.

REINFORCEMENT BARS LABELED (E) ARE EPOXY COATED BARS.

# DETAIL OF CRASHWALL EXTENSION



## SECTION A-A

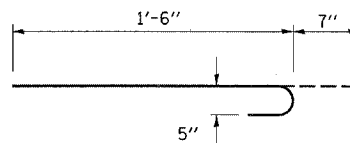


BAR TABLE

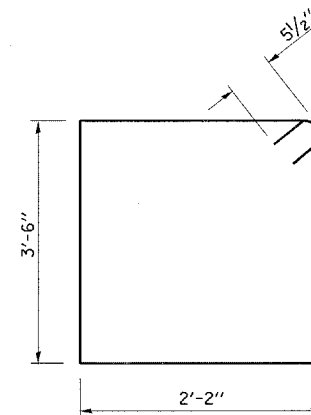
| BAR  | QTY. | SIZE | LENGTH | SHAPE |
|------|------|------|--------|-------|
| d(E) | 44   | #5   | 2'-1"  |       |
| s(E) | 24   | #5   | 12'-3" |       |
| h(E) | 22   | #5   | 10'-1" |       |
|      |      |      |        |       |
|      |      |      |        |       |
|      |      |      |        |       |

BILL OF MATERIALS

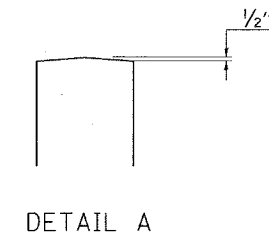
| ITEM                             | UNIT   | QUANTITY |
|----------------------------------|--------|----------|
| CONCRETE STRUCTURES              | CU.YD. | 7.4      |
| REINFORCEMENT BARS, EPOXY COATED | LB.    | 630      |
|                                  |        |          |
|                                  |        |          |



BAR d(E)



BAR s(E)



DETAIL A

### GENERAL NOTES

EPOXY GROUTING SHALL BE DONE IN ACCORDANCE WITH ARTICLE 584 OF THE STANDARD SPECIFICATIONS. THE DRILLED HOLES FOR THE d(E) BARS SHALL BE 1/4" (7 mm) LARGER THAN THE DIAMETER OF THE BAR. THE COST OF THE EPOXY GROUTING AND DRILLING SHALL BE INCLUDED IN THE COST OF REINFORCEMENT BARS, EPOXY COATED.

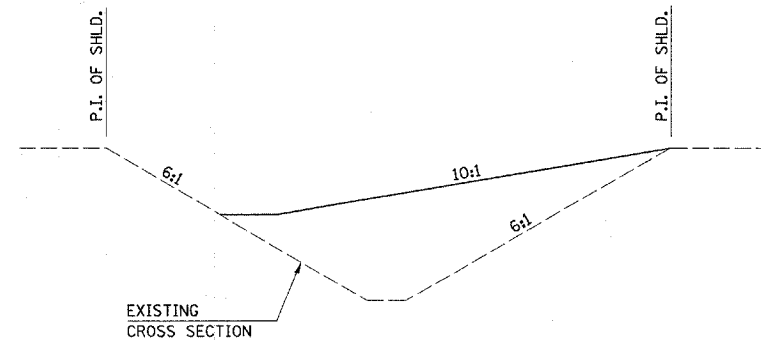
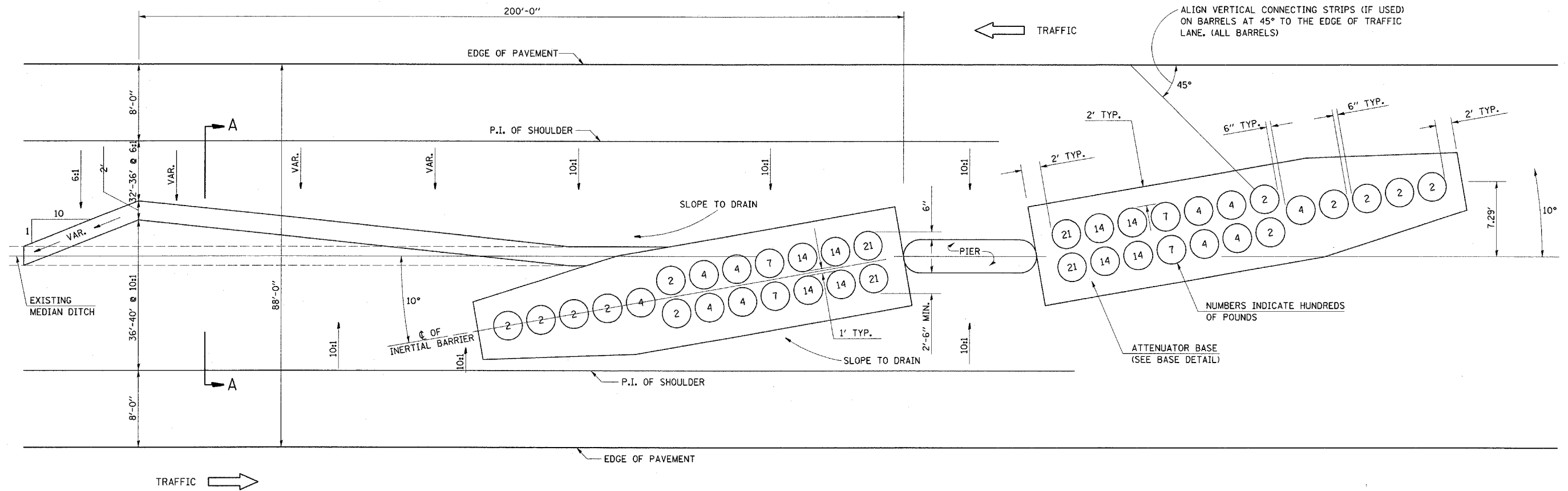
REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A 706 Gr 60 (IL MODIFIED). SEE SPECIAL PROVISIONS

PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING STRUCTURE HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF THE WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE FOR THE WORK.

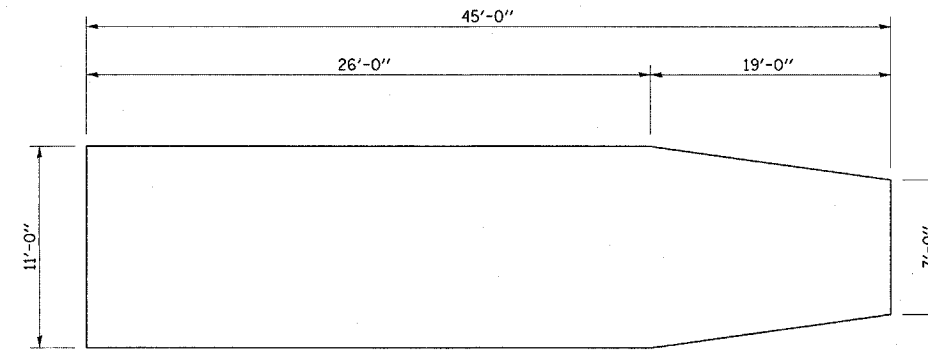
REINFORCEMENT BARS LABELED (E) ARE EPOXY COATED BARS.

# DETAIL OF IMPACT ATTENUATORS (NON-REDIRECTIVE) TEST LEVEL 3

88' MEDIAN



**SECTION A-A  
GRADING AND SHAPING DETAIL**



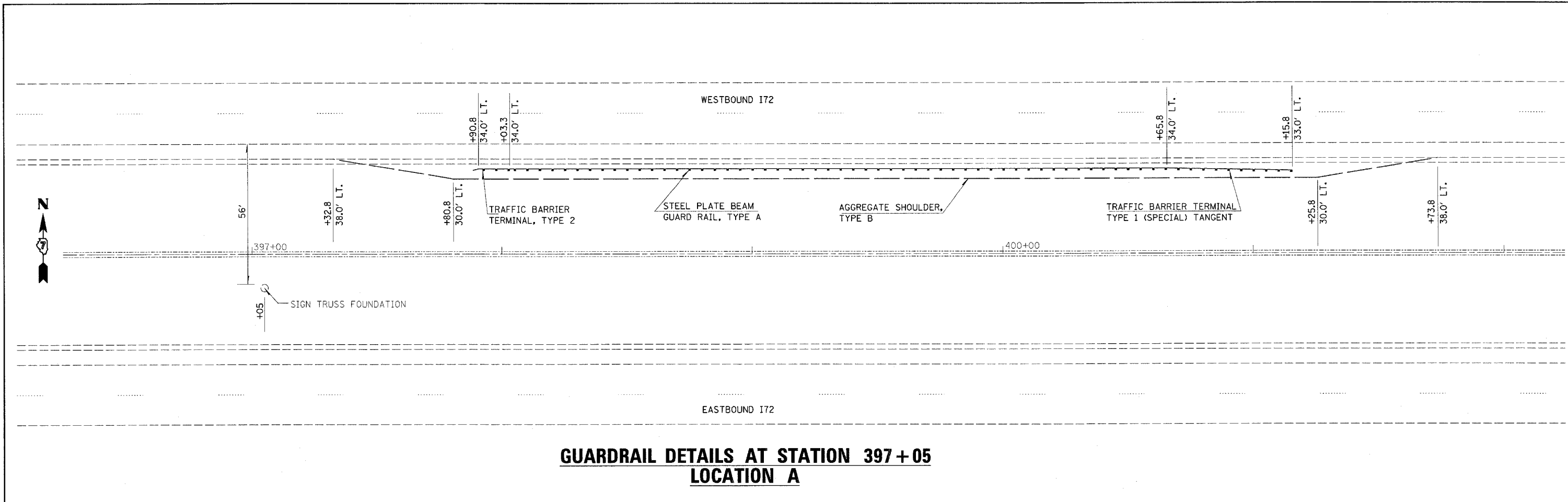
**BASE DETAIL**

GENERAL NOTES

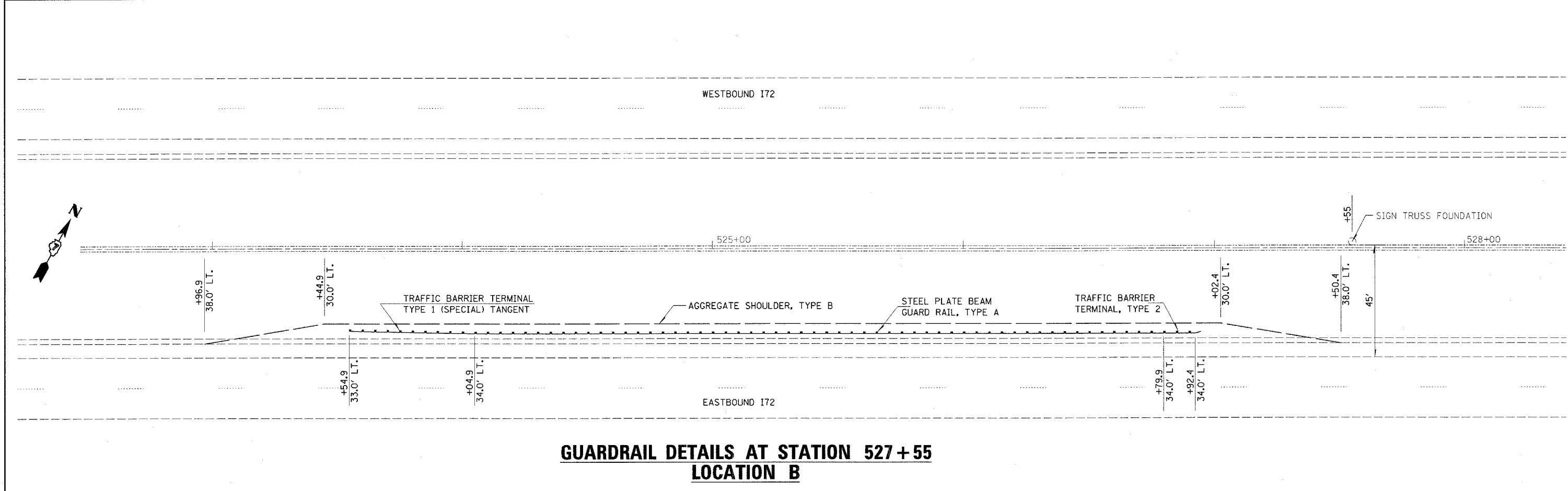
1. ALL 10:1 SLOPES SHOWN ON THIS DETAIL SHALL BE CONSTRUCTED 10:1 OR FLATTER.
2. THE SLOPES AS SHOWN ON THIS DETAIL SHALL APPLY TO BOTH ENDS OF THE BRIDGE PIERS.
3. THE LENGTH X WIDTH OF MODULE LAYOUT IS 41.0' X 7.0': 19 MODULES - 14,400 LBS.
4. IN AREAS OF 10:1 SLOPES PRECEDING THE ATTENUATOR IN THE MEDIAN INSTALLATION, FOUR OR MORE WOOD POSTS SHALL BE PLACED AT 5' INTERVALS IN THE MEDIAN  $\phi$ . SEE SPECIAL PROVISIONS AND SCHEDULES.

ALL DIMENSIONS ARE IN FEET  
UNLESS OTHERWISE SHOWN.

|   |                       |            |           |   |                |   |                  |        |                 |              |         |
|---|-----------------------|------------|-----------|---|----------------|---|------------------|--------|-----------------|--------------|---------|
| FILE NAME =                               | USER NAME = teasleyck | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>DETAILS</b> | F.A.I<br>RTE.                                     | SECTION          | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |         |
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| PLOT SCALE = 20,0000 ' / IN.              |                       | CHECKED -  | REVISED - |   |                | CONTRACT NO. 74250                                |                  |        |                 |              |         |
| PLOT DATE = 3/21/2008                     |                       | DATE -     | REVISED - |   |                | FED. ROAD DIST. NO. 7   ILLINOIS FED. AID PROJECT |                  |        |                 |              |         |
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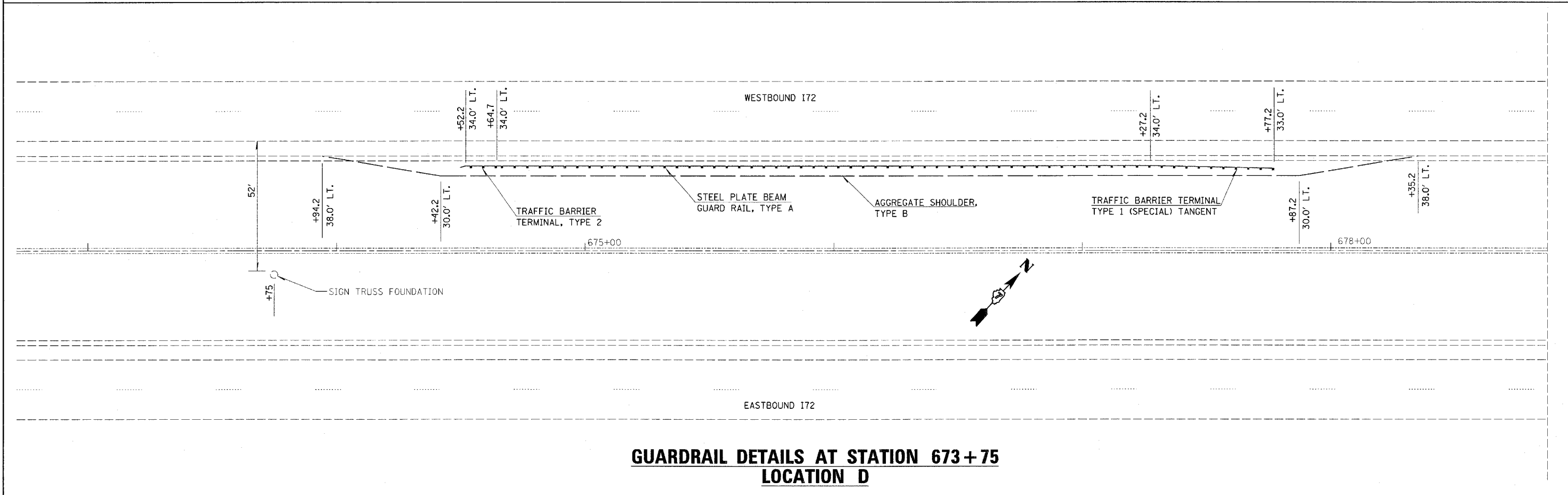
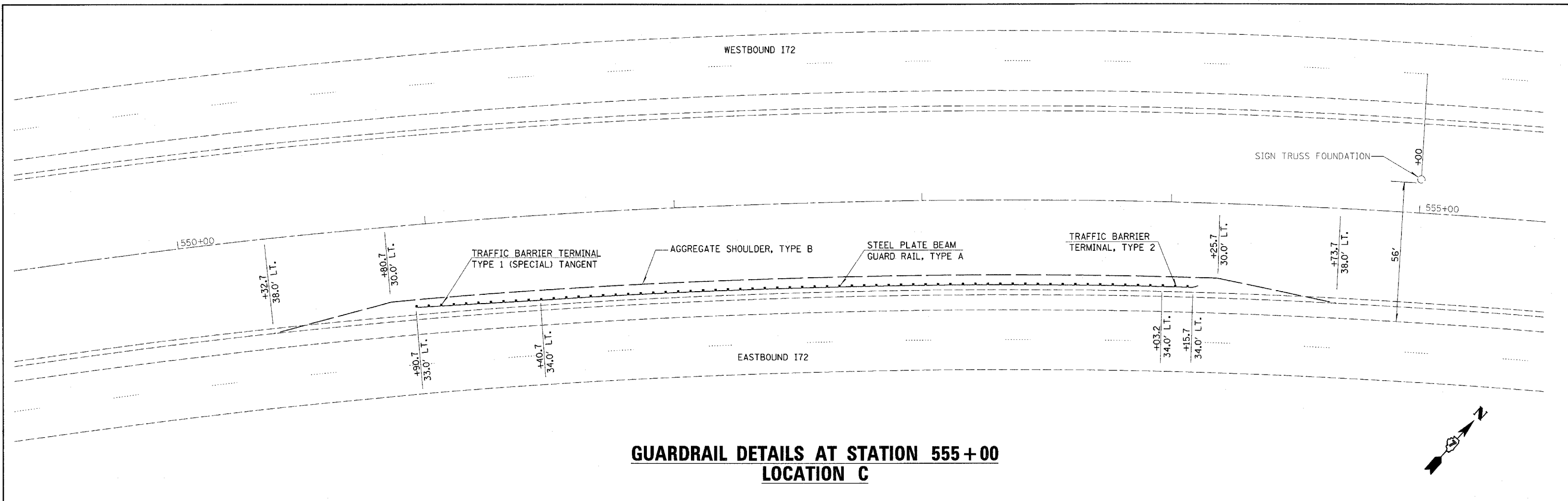


**GUARDRAIL DETAILS AT STATION 397 + 05  
LOCATION A**

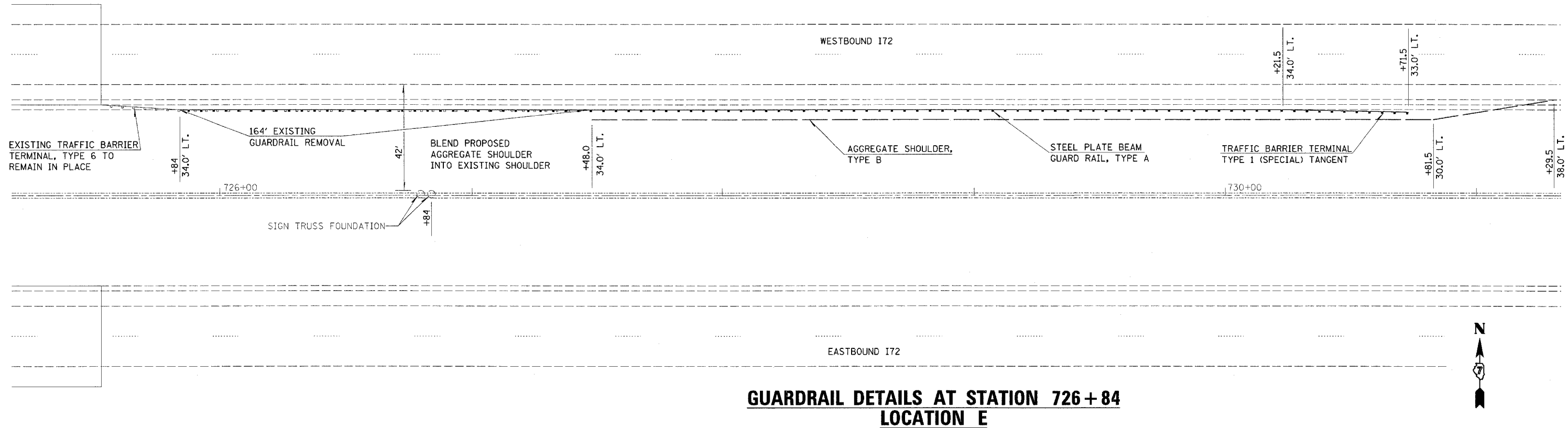


**GUARDRAIL DETAILS AT STATION 527 + 55  
LOCATION B**

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| FILE NAME =                              | USER NAME = maclellanla     | DESIGNED - LAM | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>GUARDRAIL DETAILS AT SIGN TRUSS FOUNDATIONS<br/>STATION 397+05 &amp; STATION 527+55</b> |           |           | F.A.I. RTE.                                     | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
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| PLOT DATE = 3/21/2008                    | CHECKED -                   | DATE -         | REVISED - |   | CONTRACT NO. 74250   |           |           | FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |                  |        |              |           |
|  |                             |                |           |   | SCALE:   | SHEET NO. | OF SHEETS | STA.  | TO STA.          |        |              |           |



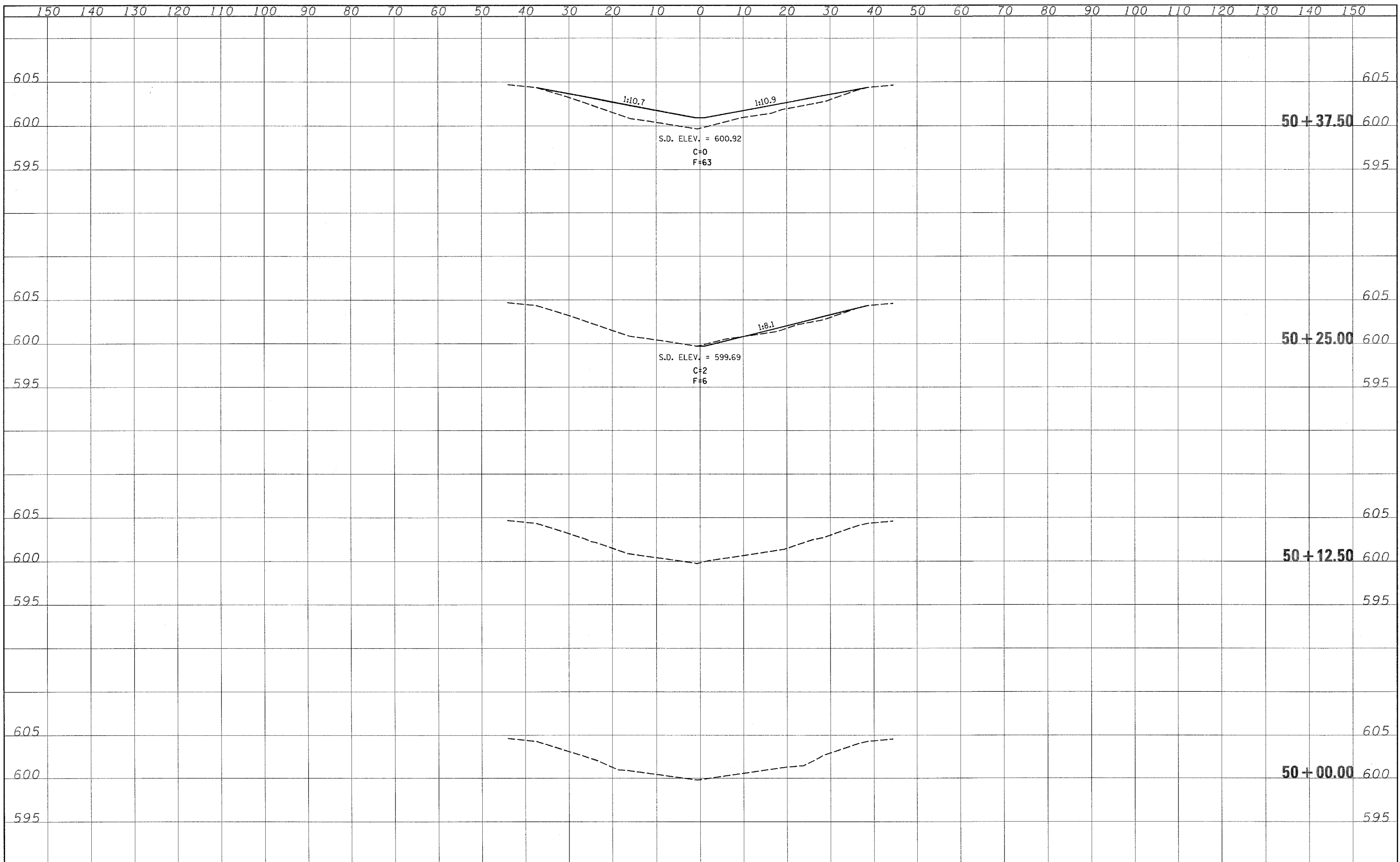
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| PLOT SCALE = 20,0000 1/4 IN.                           |                            | CHECKED -         | REVISED - |   | SCALE:   | SHEET NO. | OF | SHEETS              | STA.                        | TO STA.         | CONTRACT NO. 74250    |                    |
| PLOT DATE = 3/21/2008                                  |                            | DATE -            | REVISED - |   | FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT  |           |    |                     |                             |                 |                       |                    |
|  |                            |                   |           |   |  |           |    |                     |                             |                 |                       |                    |



**GUARDRAIL DETAILS AT STATION 726+84  
LOCATION E**

|   |                             |                |           |   |   |              |   |                    |                  |        |              |           |
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|   | PLOT SCALE = 20.0000' / IN. | DRAWN - LAM    | REVISED - |   |   |              |   | 72                 | D7 SAFETY 2008-3 | MACON  | 70           | 24        |
|   | PLOT DATE = 3/21/2008       | CHECKED -      | REVISED - |   |   |              |   | CONTRACT NO. 74250 |                  |        |              |           |
|   | DATE -                      | REVISED -      |           | SCALE:  | SHEET NO. OF SHEETS   | STA. TO STA. | FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |                    |                  |        |              |           |





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 TEMPLATE  
 AREAS CHECKED

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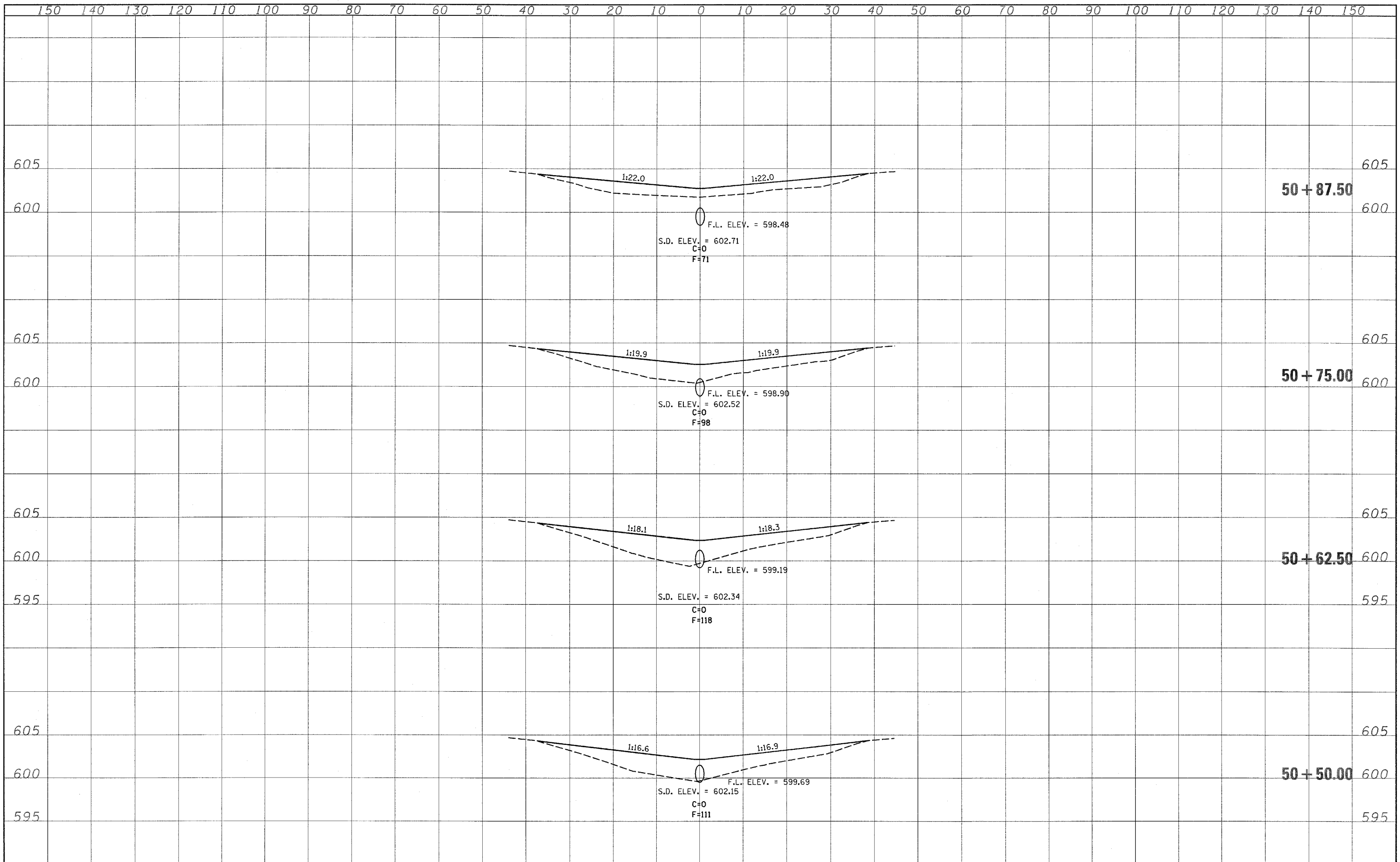
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 PLOT DATE = 3/21/2008

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| DESIGNED - | REVISED - |
| DRAWN -    | REVISED - |
| CHECKED -  | REVISED - |
| DATE -     | REVISED - |

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

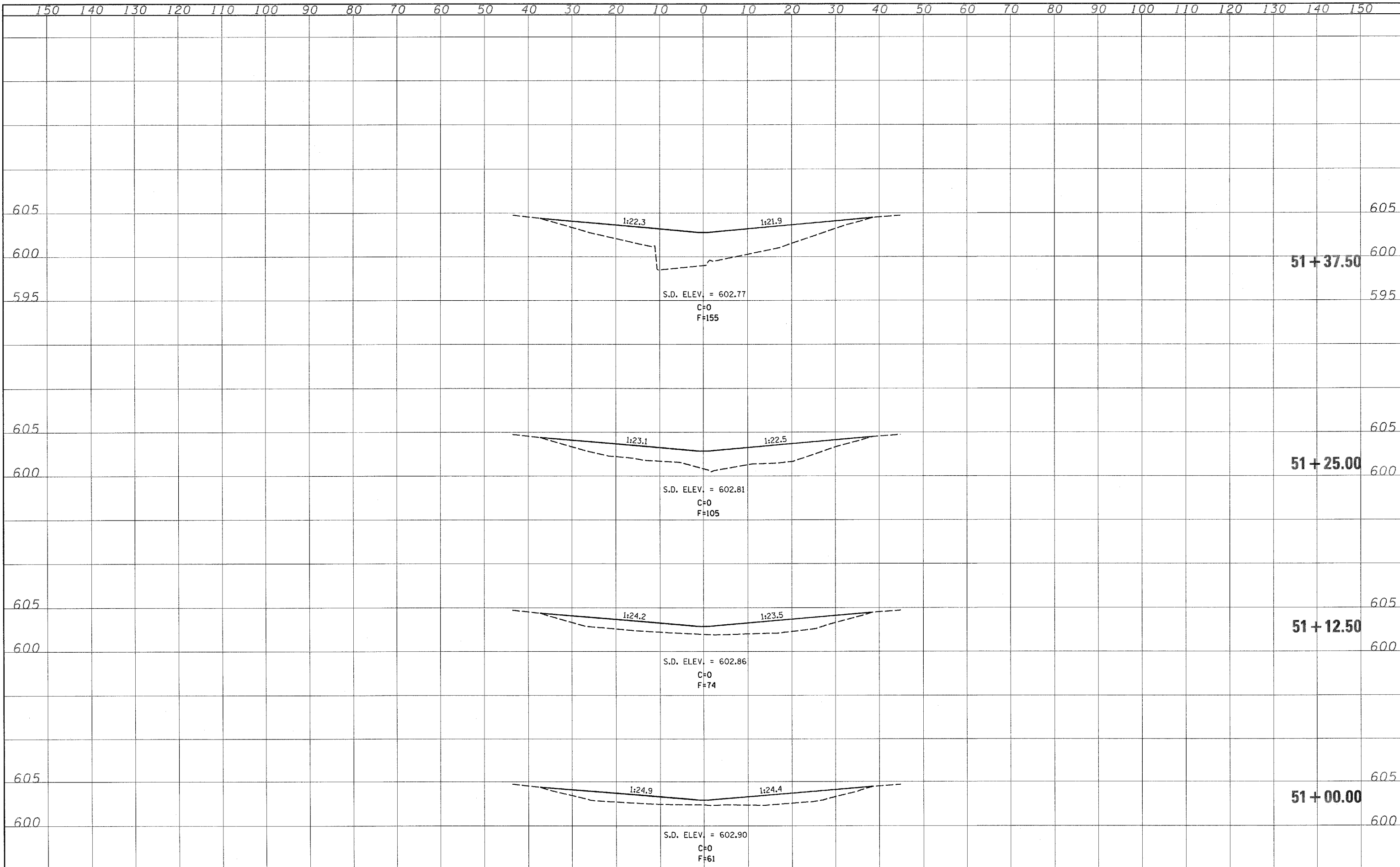
**S.N. 058-0060**  
 SCALE: SHEET NO. OF SHEETS STA. 50+00.00 TO STA. 50+37.50

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| F.A.I. RTE.                                     | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
| 72  | D7 SAFETY 2008-3 | MACON  | 70           | 25        |
| CONTRACT NO. 74250                              |                  |        |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |                  |        |              |           |



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 NOTE BOOK \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_

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 TEMPLATE \_\_\_\_\_  
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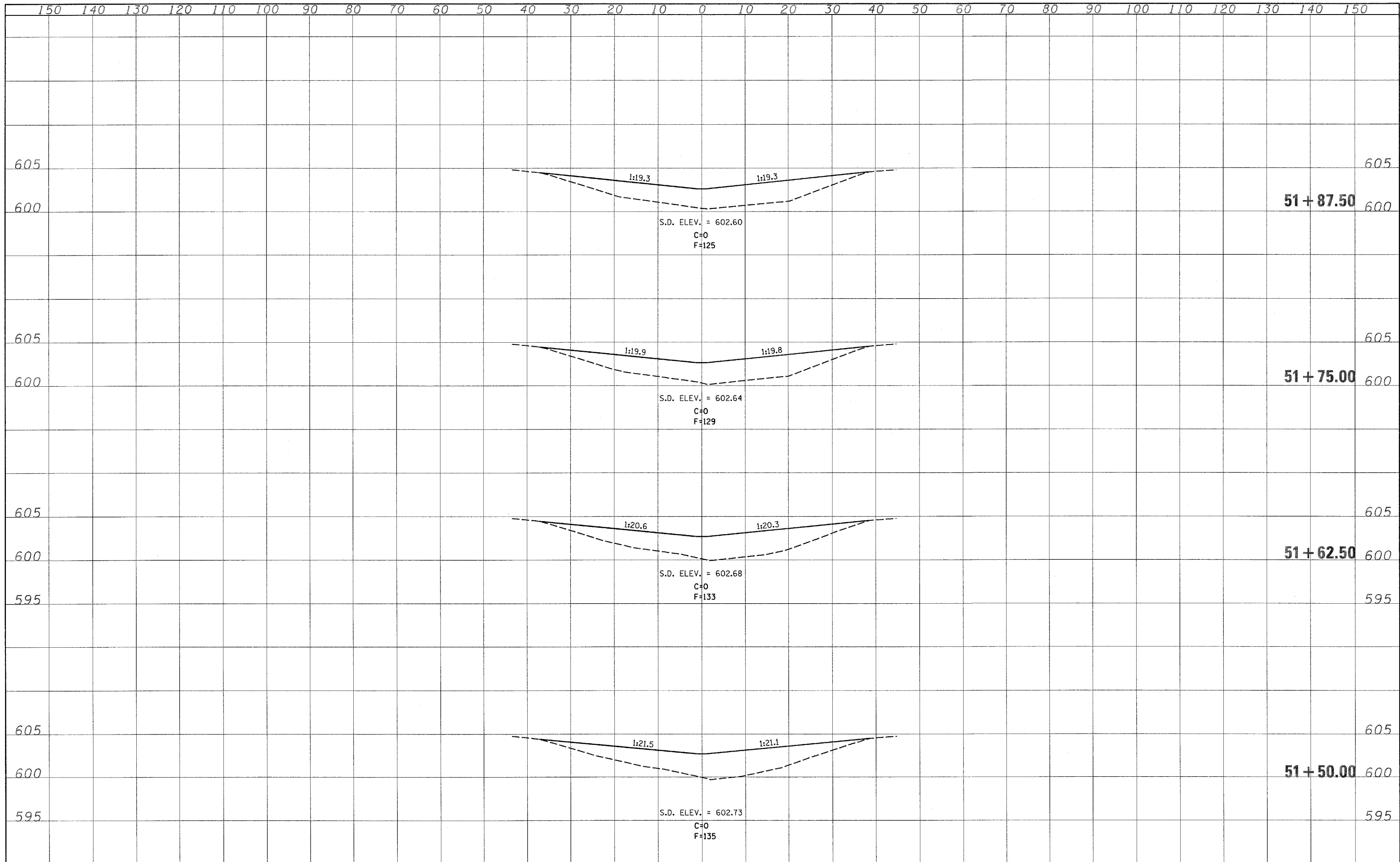
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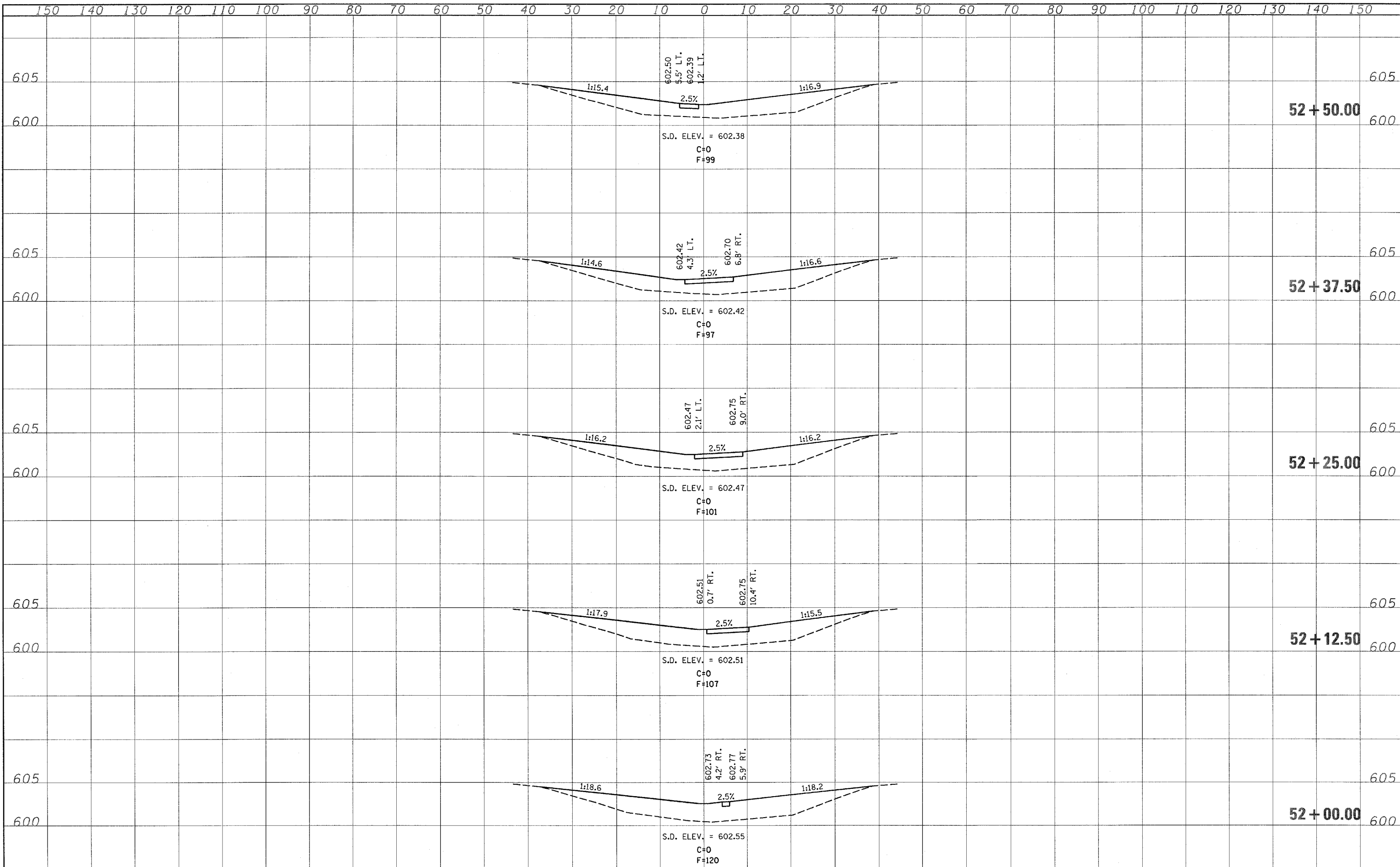
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| PLOT SCALE = 10.0000 1/4 IN.                       | CHECKED -             | REVISED -  | SCALE:  |   |                      | SHEET NO. OF SHEETS | STA. 51+00.00 TO STA. 51+37.50 | CONTRACT NO. 74250 |                 |              |  |  |
| PLOT DATE = 3/21/2008                              | DATE -                | REVISED -  | FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |   |                      |                     |                                |                    |                 |              |  |  |
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SURVEY PLOTTED PLOTTED  
 NOTE BOOK TEMPLATE  
 AREAS AREAS  
 CHECKED CHECKED  
 NO. NO.



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| PLOT SCALE = 10.0000' / IN.                       | CHECKED -             | REVISED -  | SCALE:  |   |                      | SHEET NO. OF SHEETS | STA. 51+50.00 TO STA. 51+87.50 | CONTRACT NO. 74250 |                    |                 |  |  |
| PLOT DATE = 3/21/2008                             | DATE -                | REVISED -  | FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |   |                      |                     |                                |                    |                    |                 |  |  |
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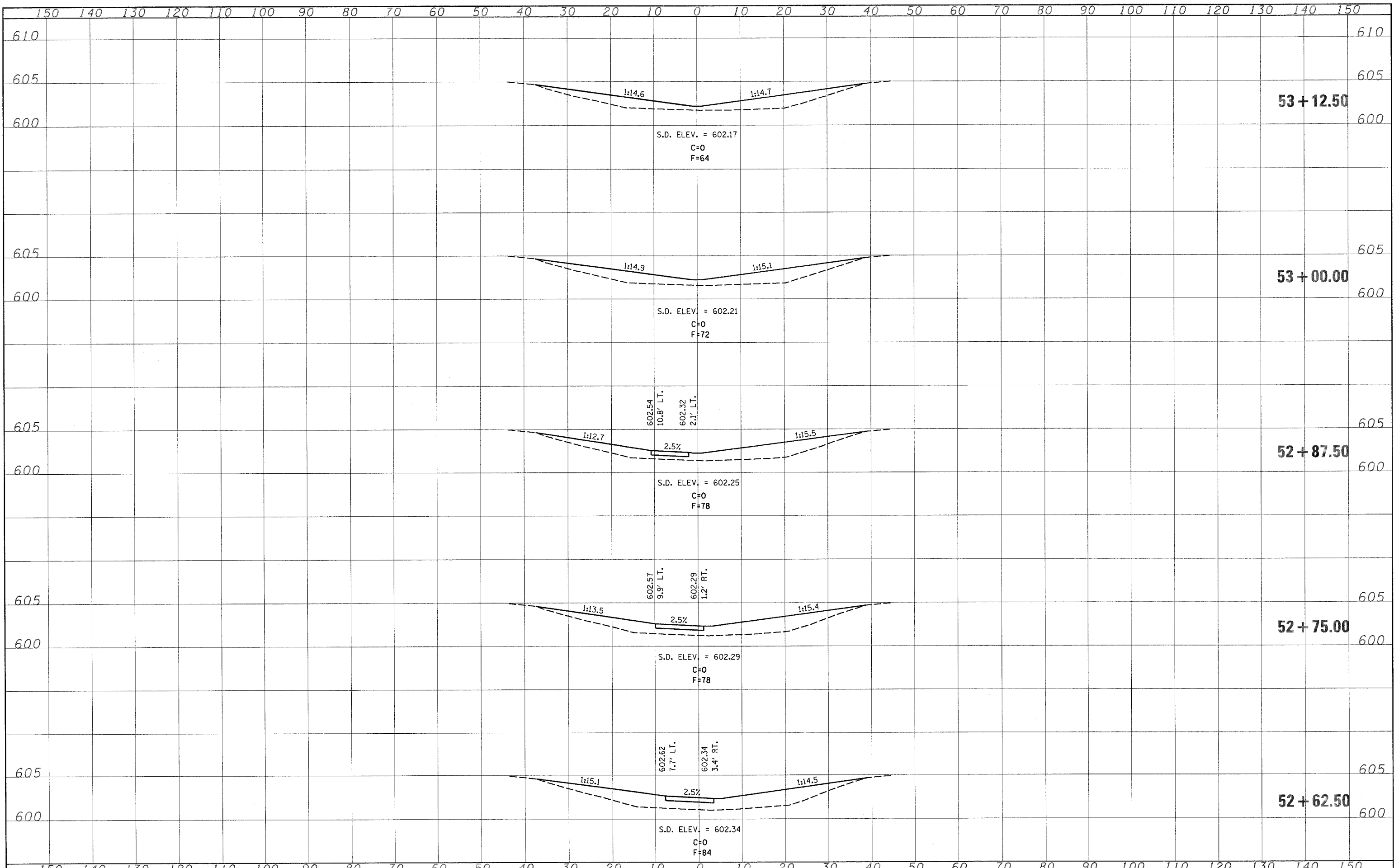
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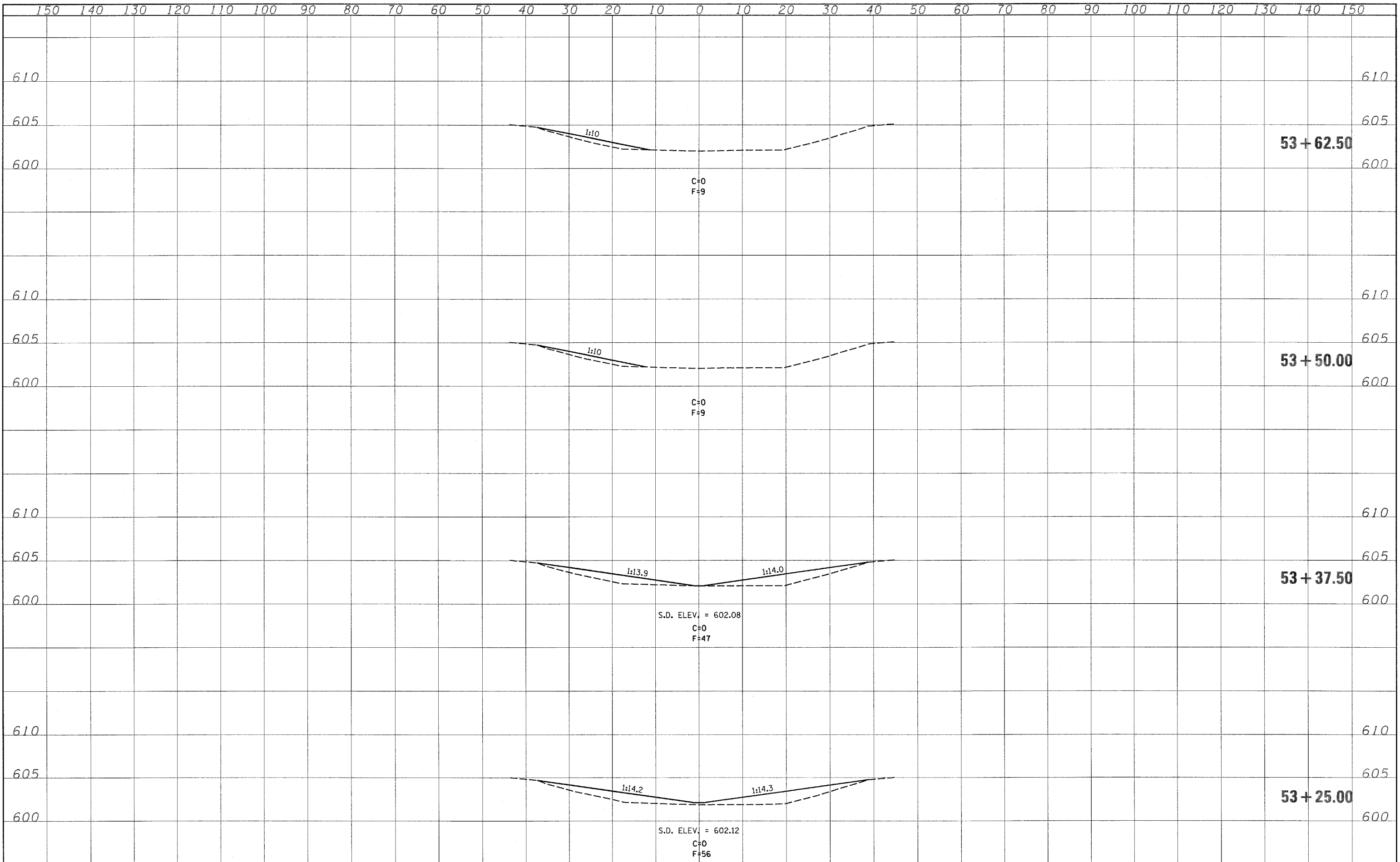
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| PLOT DATE = 3/21/2008              |                       | DATE -     | REVISED - |   |                      | SCALE:             | SHEET NO.        | OF     | SHEETS       | STA. 52+00.00 | TO STA. 52+50.00 |

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



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| FILE NAME =                             | USER NAME = taeslayck | DESIGNED - | REVISED -          | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>S.N. 058-0060</b> | F.A.I. RTE.      | SECTION   | COUNTY                         | TOTAL SHEETS          | SHEET NO.                 |
| c:\projects\74250d\ks060sheet.74250.dgn | DRAWN -               | REVISED -  | 72                 |   |                      | D7 SAFETY 2008-3 | MACON     | 70                             | 30                    |                           |
| PLOT SCALE = 10.0000 ' / IN.            | CHECKED -             | REVISED -  | CONTRACT NO. 74250 |   |                      |                  |           |                                |                       |                           |
| PLOT DATE = 3/21/2008                   | DATE -                | REVISED -  | SCALE:             |   |                      | SHEET NO.        | OF SHEETS | STA. 52+62.50 TO STA. 53+12.50 | FED. ROAD DIST. NO. 7 | ILLINOIS FED. AID PROJECT |



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 TEMPLATE  
 NO. BOOK  
 AREAS CHECKED

PLOTTED  
 TEMPLATE  
 NO. BOOK  
 AREAS CHECKED

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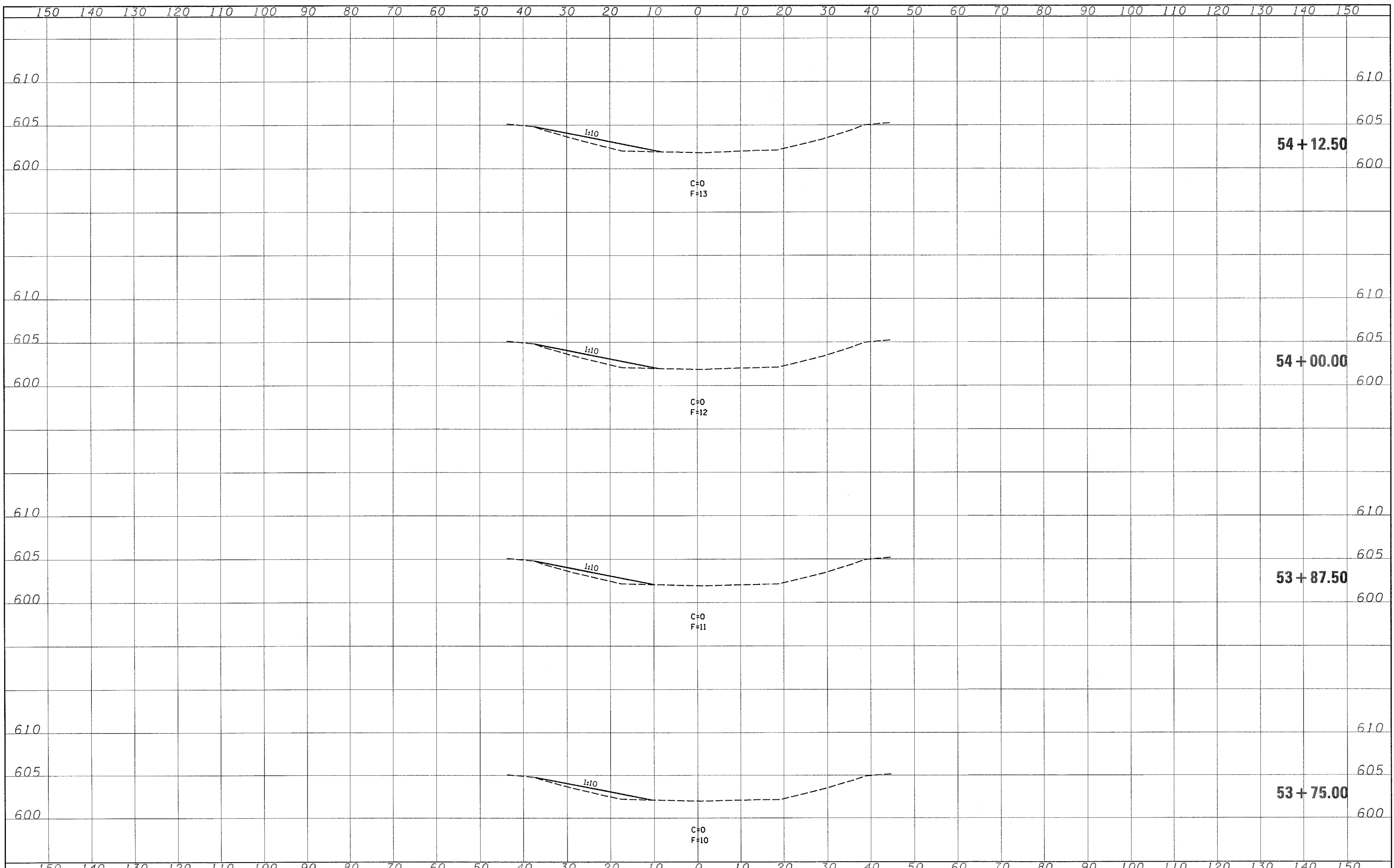
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| DESIGNED - | REVISED - |
| DRAWN -    | REVISED - |
| CHECKED -  | REVISED - |
| DATE -     | REVISED - |

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

**S.N. 058-0060**  
 SCALE: SHEET NO. OF SHEETS STA. 53+25.00 TO STA. 53+62.50

|   |                             |                 |                    |                 |
|---|-----------------------------|-----------------|--------------------|-----------------|
| F.A.I. RTE.<br>72                               | SECTION<br>D7 SAFETY 2008-3 | COUNTY<br>MACON | TOTAL SHEETS<br>70 | SHEET NO.<br>31 |
| CONTRACT NO. 74250                              |                             |                 |                    |                 |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |                             |                 |                    |                 |



SURVEY PLOTTED TEMPLATE AREAS CHECKED  
 NOTE BOOK NO.

SURVEY PLOTTED TEMPLATE AREAS CHECKED  
 NOTE BOOK NO.

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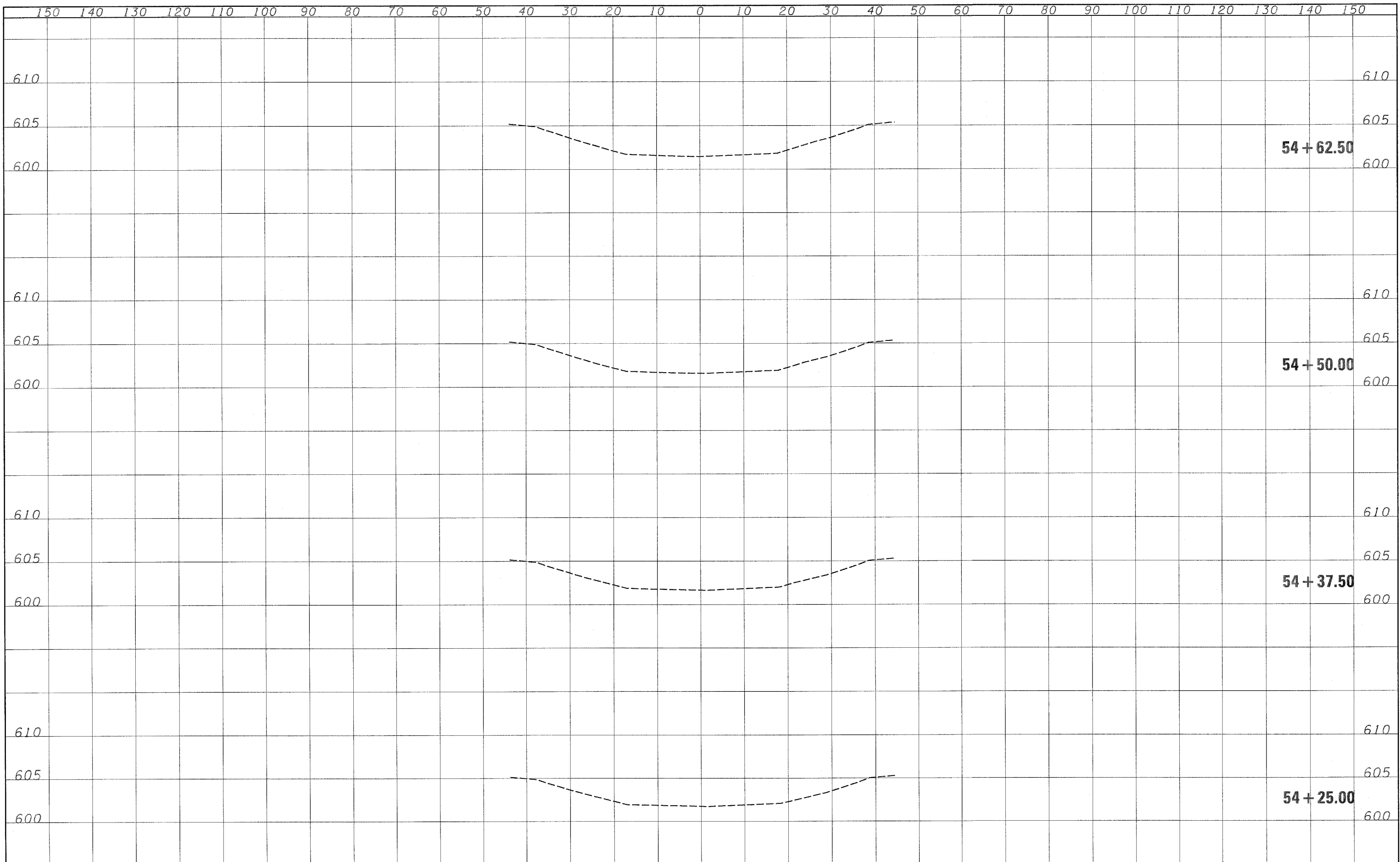
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| CHECKED -  | REVISED - |
| DATE -     | REVISED - |

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

**S.N. 058-0060**  
 SCALE: SHEET NO. OF SHEETS STA. 53+75.00 TO STA. 54+12.50

|   |                  |        |              |           |
|---|------------------|--------|--------------|-----------|
| F.A.I. RTE.                                     | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
| 72  | D7 SAFETY 2008-3 | MACON  | 70           | 32        |
| CONTRACT NO. 74250                              |                  |        |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |                  |        |              |           |



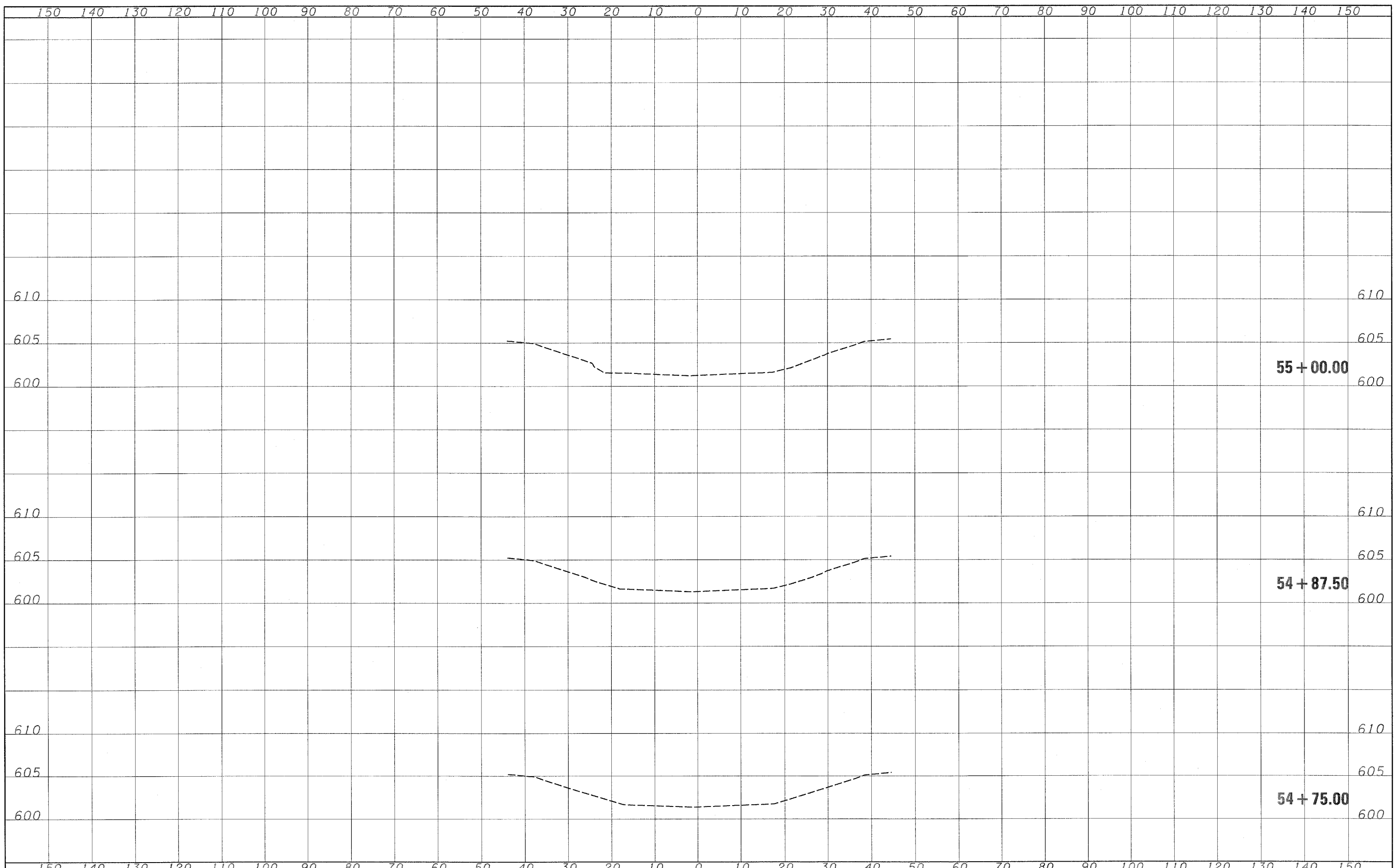


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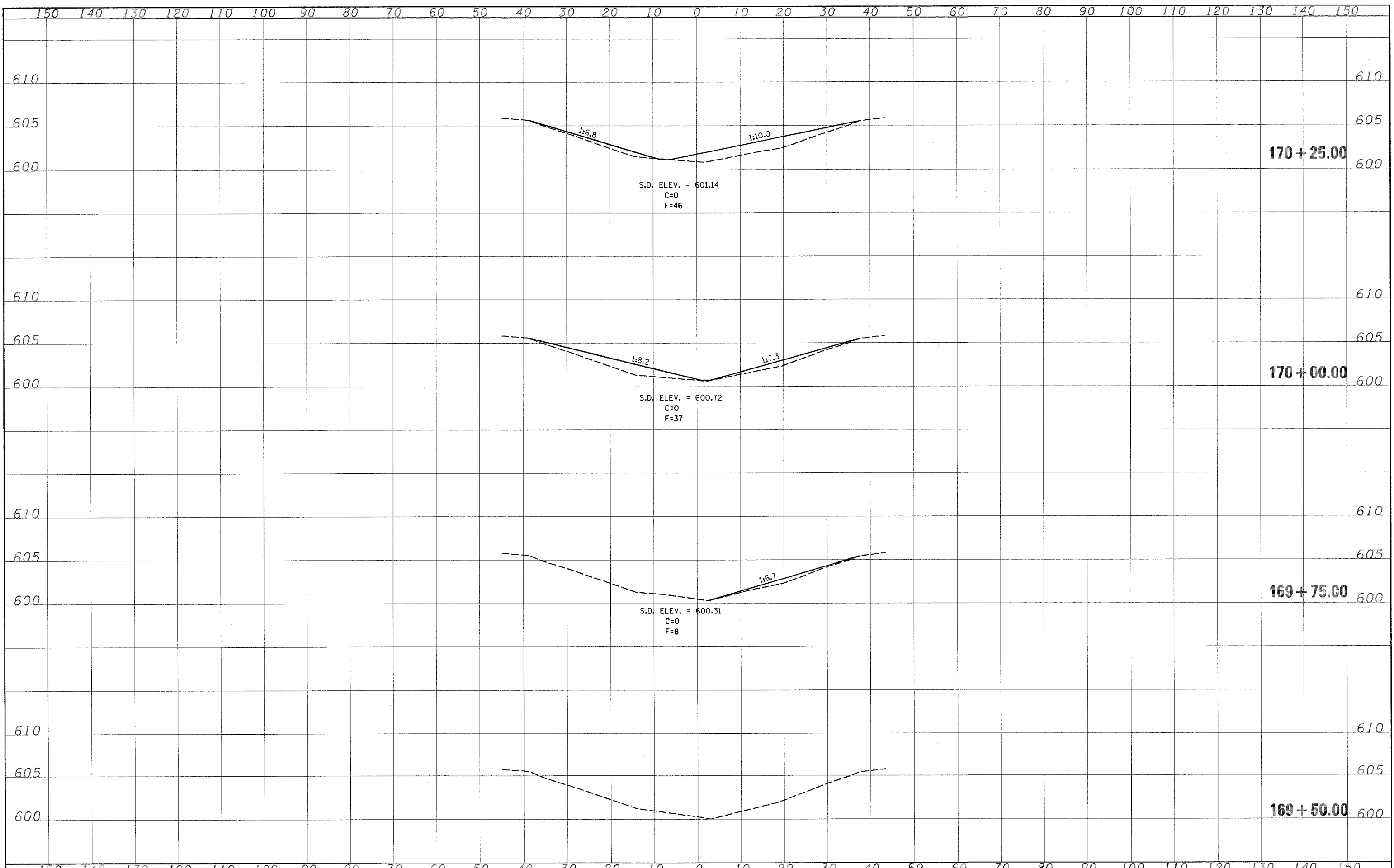
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|--|--------------------------|--|--|---|----------------------|--------|---|--|

SURVEY PLOTTED TEMPLATE AREAS CHECKED  
 NOTE BOOK NO.



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|   | PLOT DATE = 3/21/2008       | CHECKED -  | REVISED - |   | FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |           |    |                |                          |                  |                    |              |
|   |                             | DATE -     | REVISED - |   |   |           |    |                |                          |                  |                    |              |



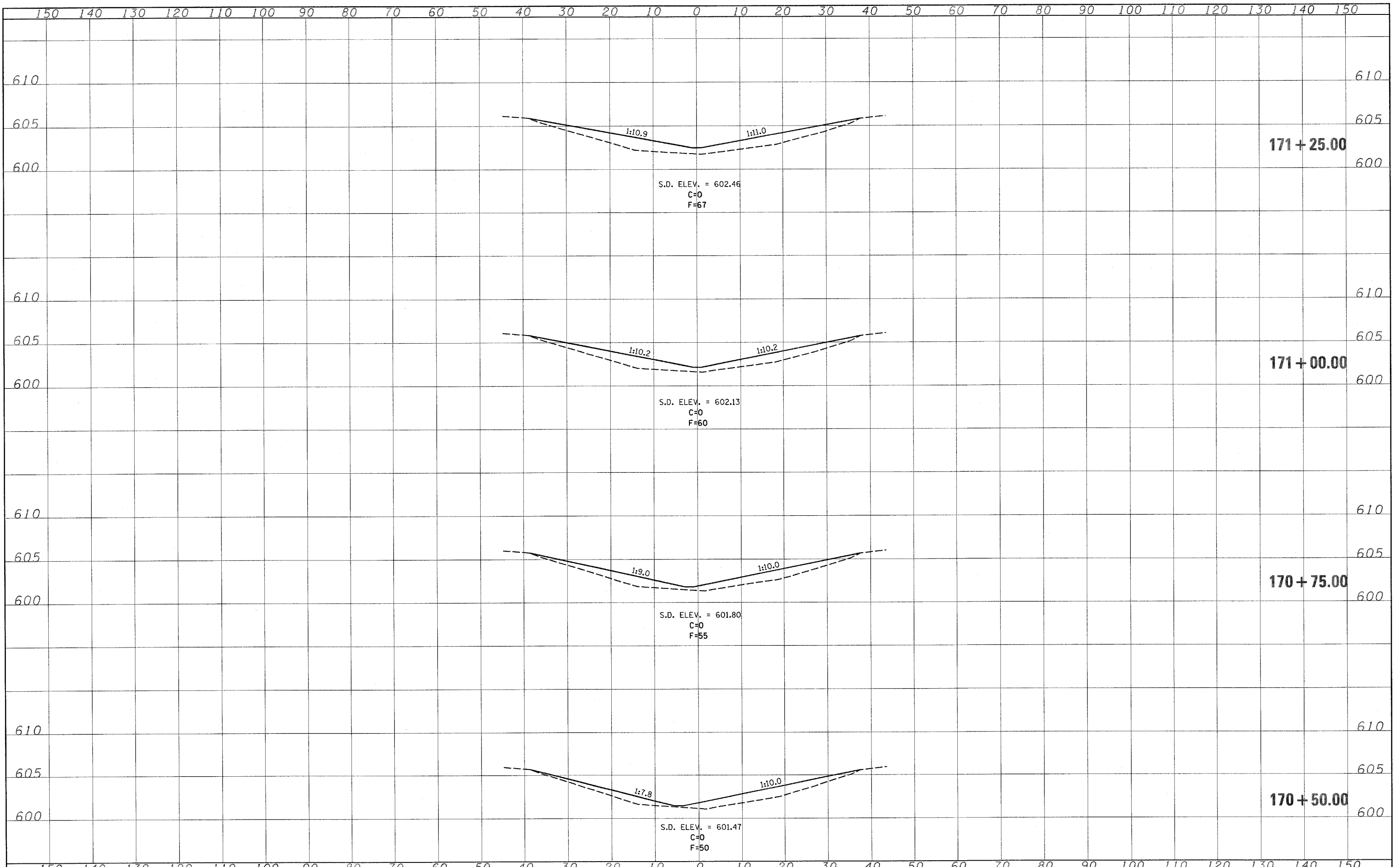
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 AREAS CHECKED  
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SURVEY PLOTTED  
 NOTE BOOK TEMPLATE  
 AREAS CHECKED  
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| PLOT DATE = 3/21/2008                   |                       | DATE -     | REVISED - |   |                      |        |                     |                                  |                |                          |              |                    |              |  |

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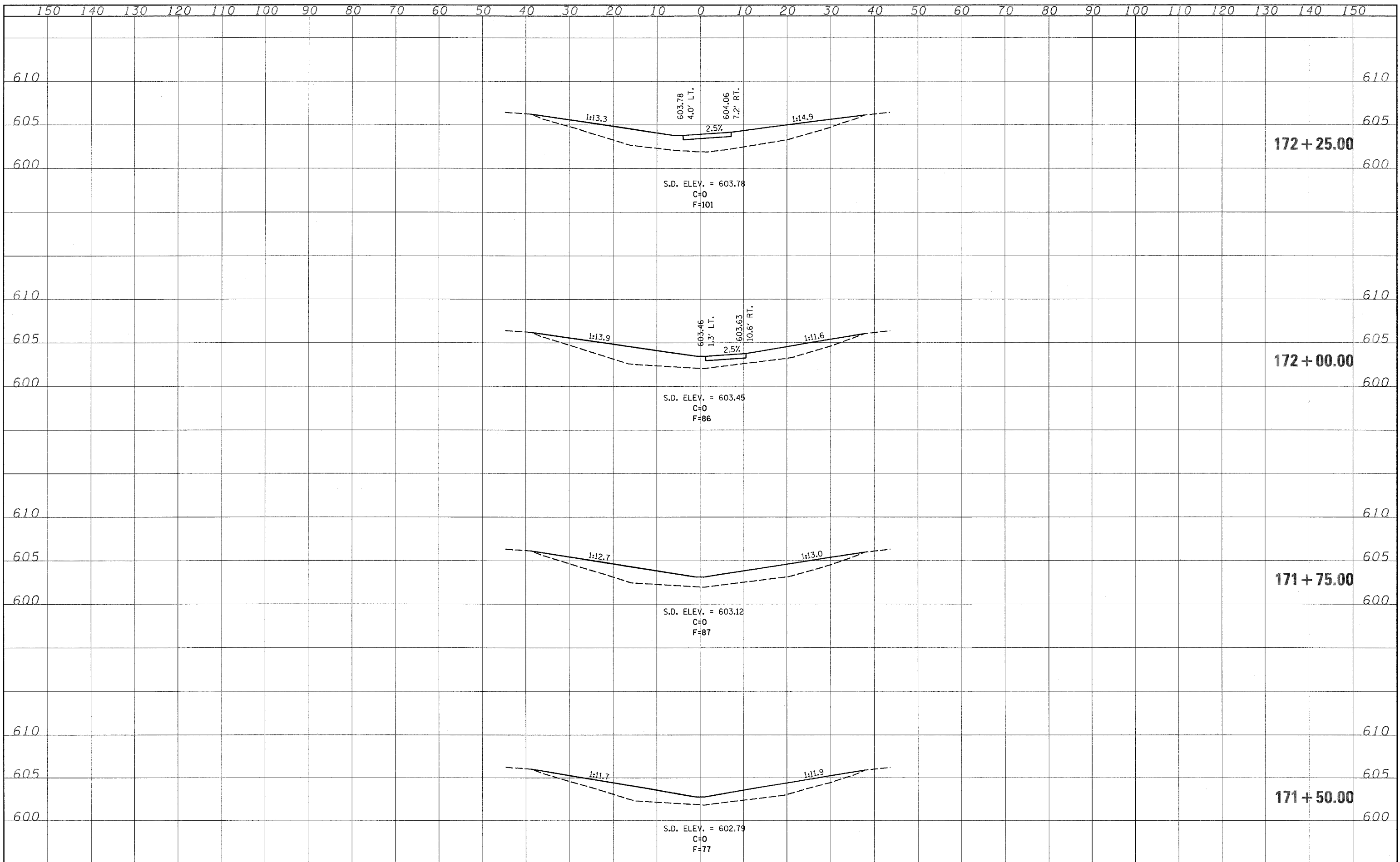
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| DATE -     | REVISED - |

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

**S.N. 058-0061**

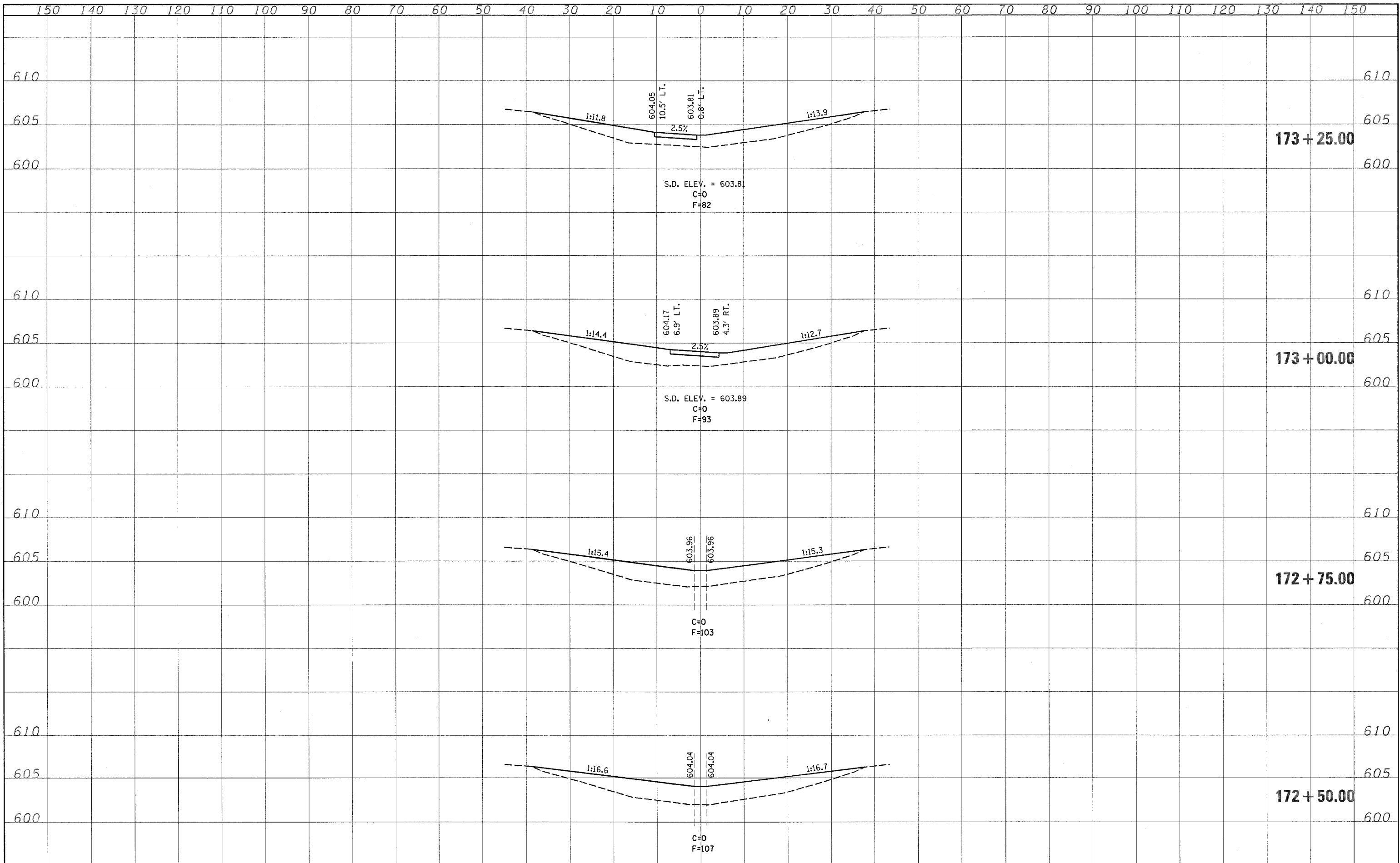
SCALE: SHEET NO. OF SHEETS STA. 170+50.00 TO STA. 171+25.00

|   |                  |        |              |           |
|---|------------------|--------|--------------|-----------|
| F.A.I. RTE.                                     | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
| 72  | D7 SAFETY 2008-3 | MACON  | 70           | 36        |
| CONTRACT NO. 74250                              |                  |        |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |                  |        |              |           |



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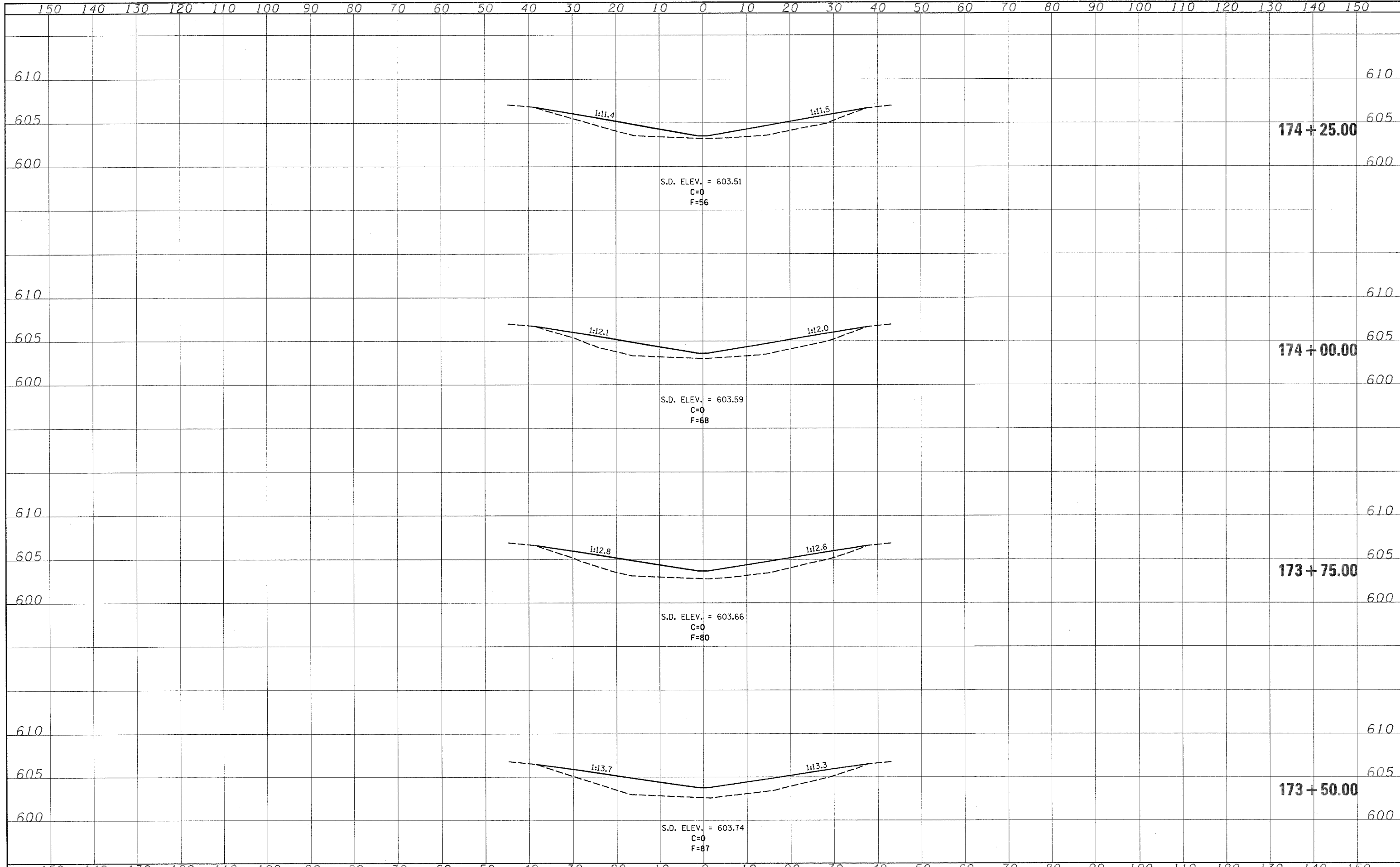
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SURVEY PLOTTED  
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| PLOT SCALE = 10.0000' / 1" IN.                         | CHECKED -             | REVISED -  | REVISED - |   |                      | SCALE:  | SHEET NO. OF SHEETS         | STA. 172+50.00 TO STA. 173+25.00 | CONTRACT NO. 74250 |                 |  |  |
| PLOT DATE = 3/21/2008                                  | DATE -                | REVISED -  | REVISED - |   |                      | FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |                             |                                  |                    |                 |  |  |
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F=68

S.D. ELEV. = 603.66  
C=0  
F=80

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174 + 25.00

174 + 00.00

173 + 75.00

173 + 50.00

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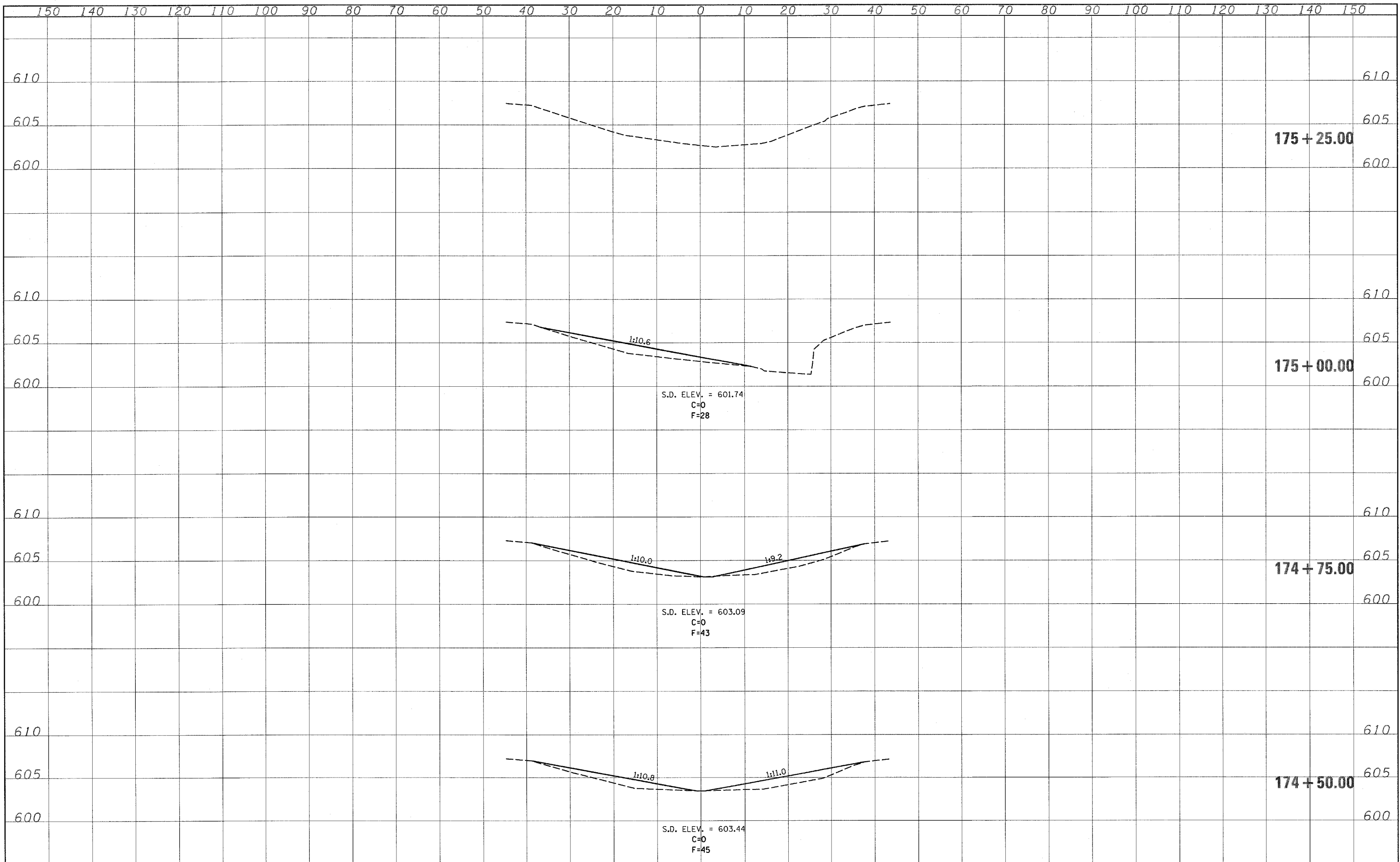
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**S.N. 058-0061**

SCALE: SHEET NO. OF SHEETS STA. 173+50.00 TO STA. 174+25.00

| F.A.I. RTE.                                     | SECTION          | COUNTY | TOTAL SHEETS       | SHEET NO. |
|---|------------------|--------|--------------------|-----------|
| 72  | D7 SAFETY 2008-3 | MACON  | 70                 | 39        |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |                  |        | CONTRACT NO. 74250 |           |



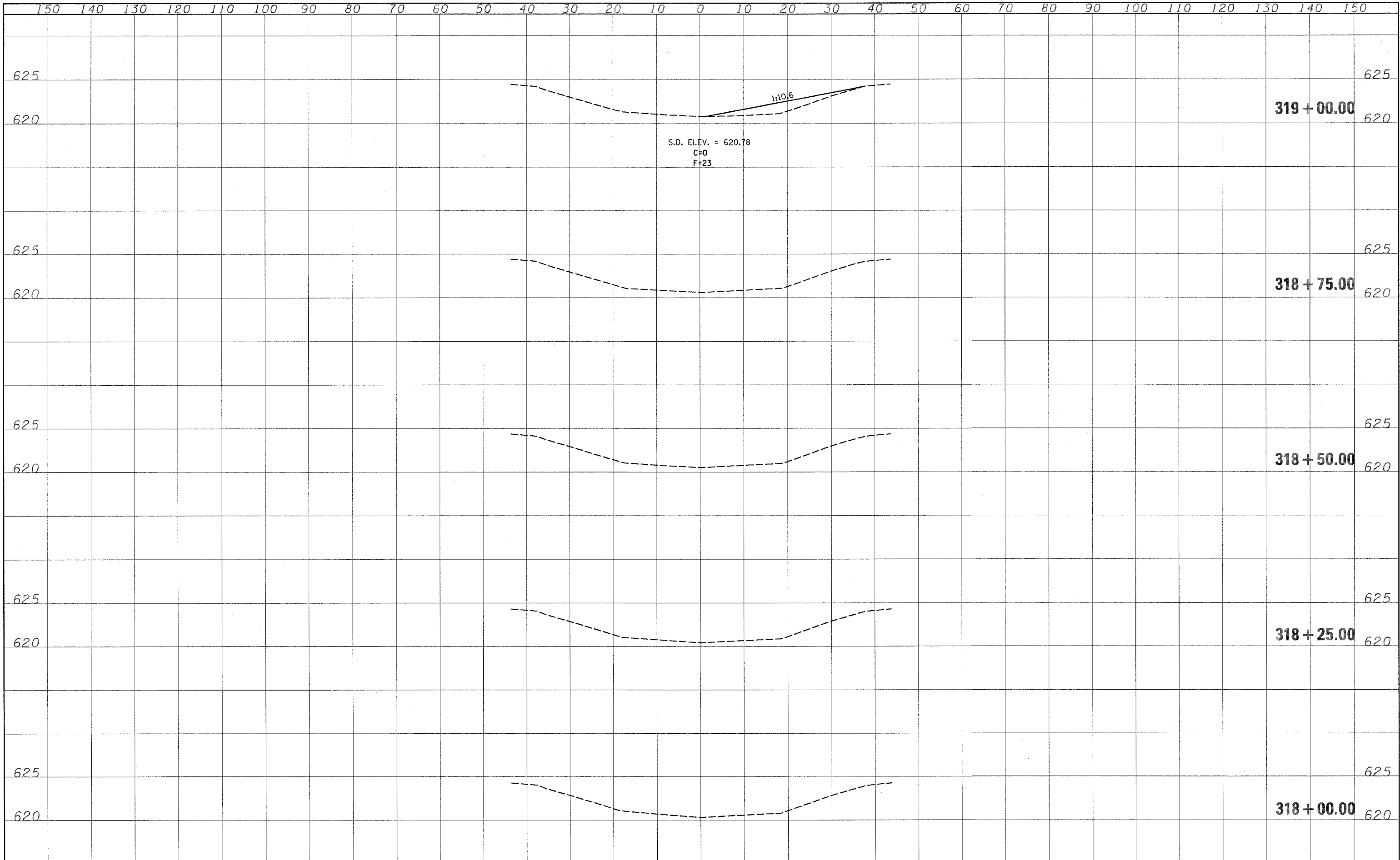
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SURVEY: \_\_\_\_\_  
 NOTE BOOK: \_\_\_\_\_  
 PLOTTED: \_\_\_\_\_  
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 AREAS CHECKED: \_\_\_\_\_  
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SURVEY: \_\_\_\_\_  
 NOTE BOOK: \_\_\_\_\_  
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| PLOT DATE = 3/21/2008                          | DATE -               | REVISED -  | REVISED - |   |                      | CONTRACT NO. 74250 |                          |                                  |   |              |  |  |
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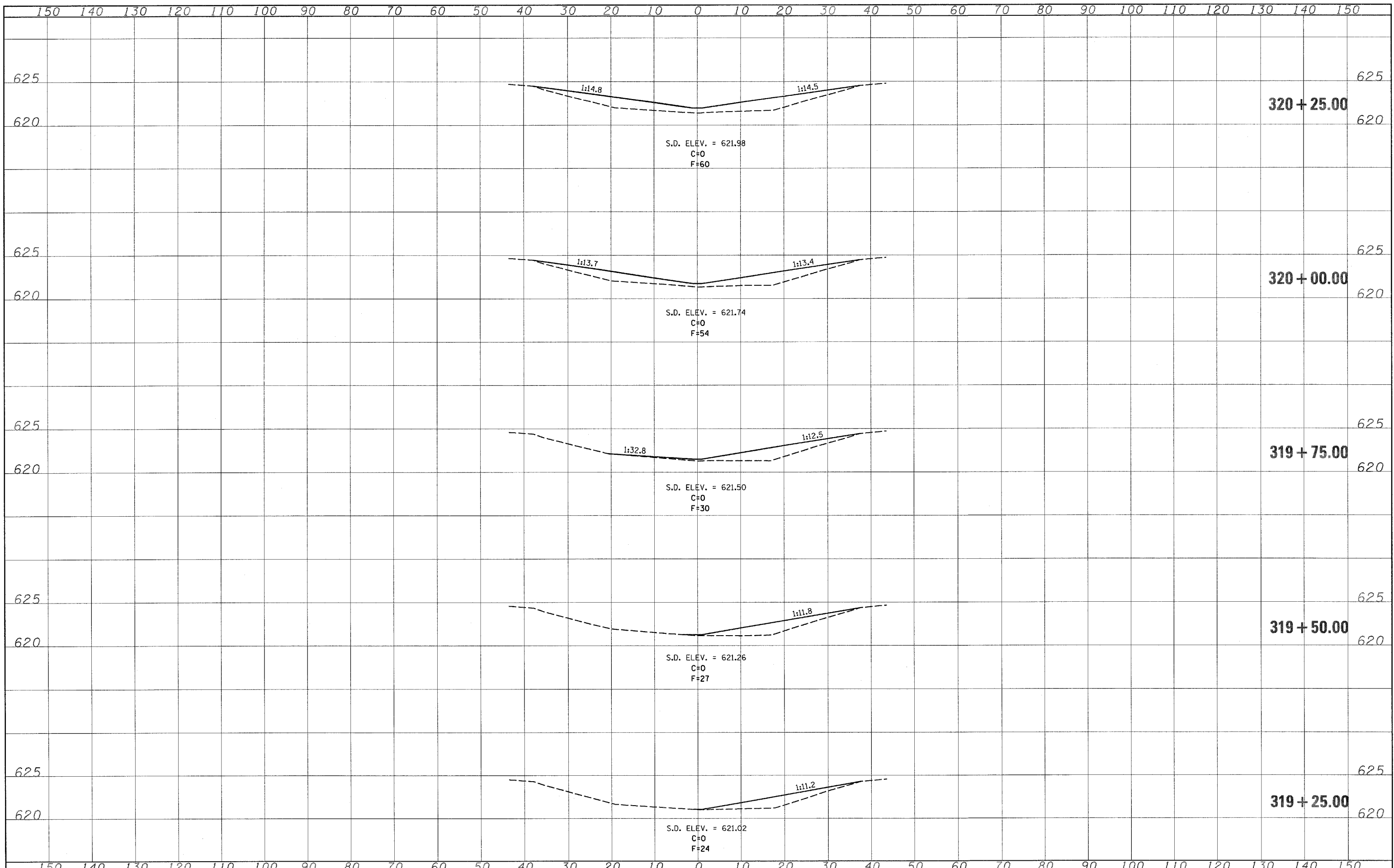
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|   |                       | CHECKED -             | REVISED - |   |                      | CONTRACT NO. 74250                              |                  |                                  |                 |              |  |
|   |                       | DATE -                | REVISED - |   |                      | FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |                  |                                  |                 |              |  |
| PLOT SCALE = 10.0000' / IN.             |                       | PLOT DATE = 3/21/2008 |           | SCALE:  |                      | SHEET NO. OF SHEETS                             |                  | STA. 318+00.00 TO STA. 319+00.00 |                 |              |  |

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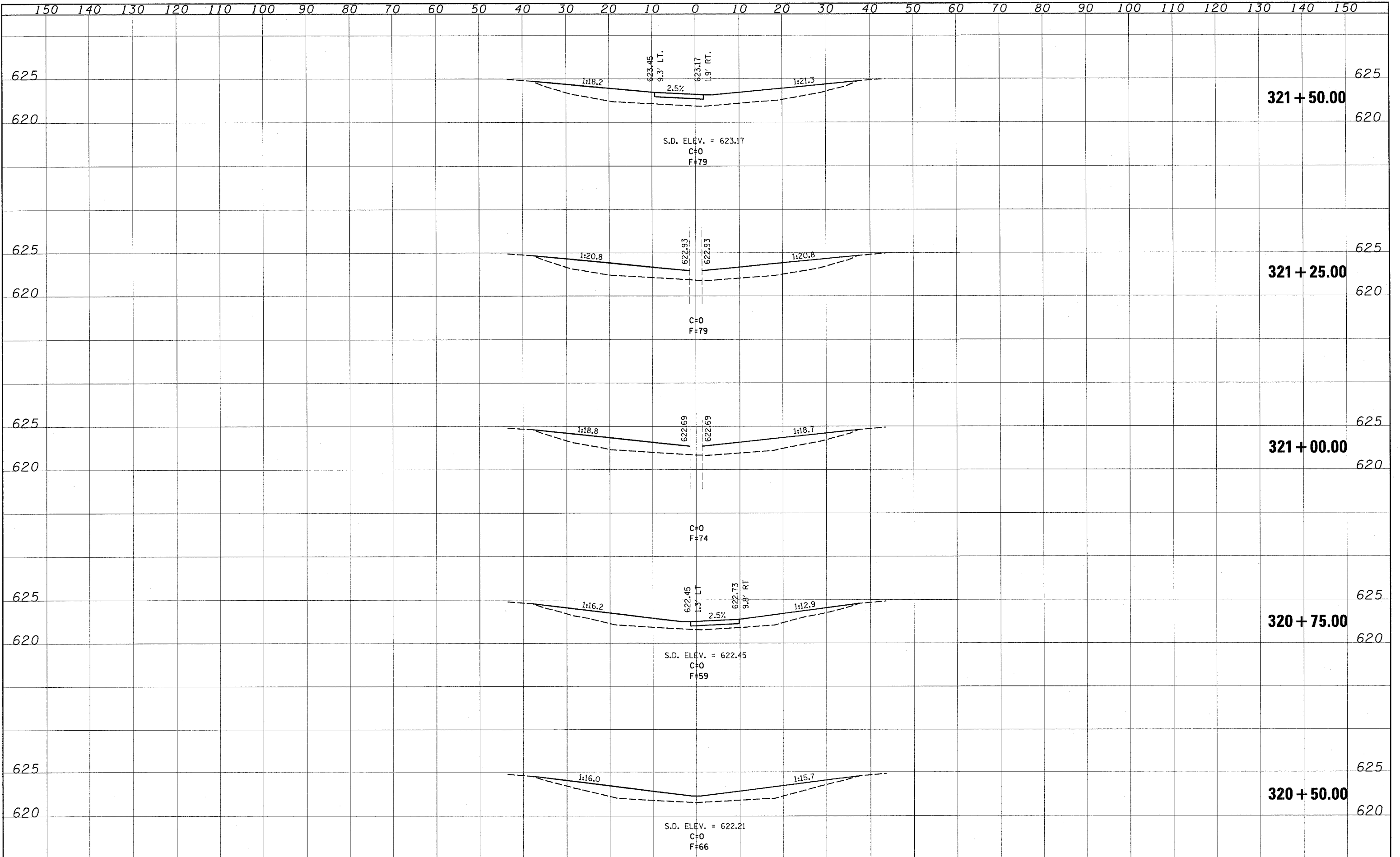
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| DATE -     | REVISED - |

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

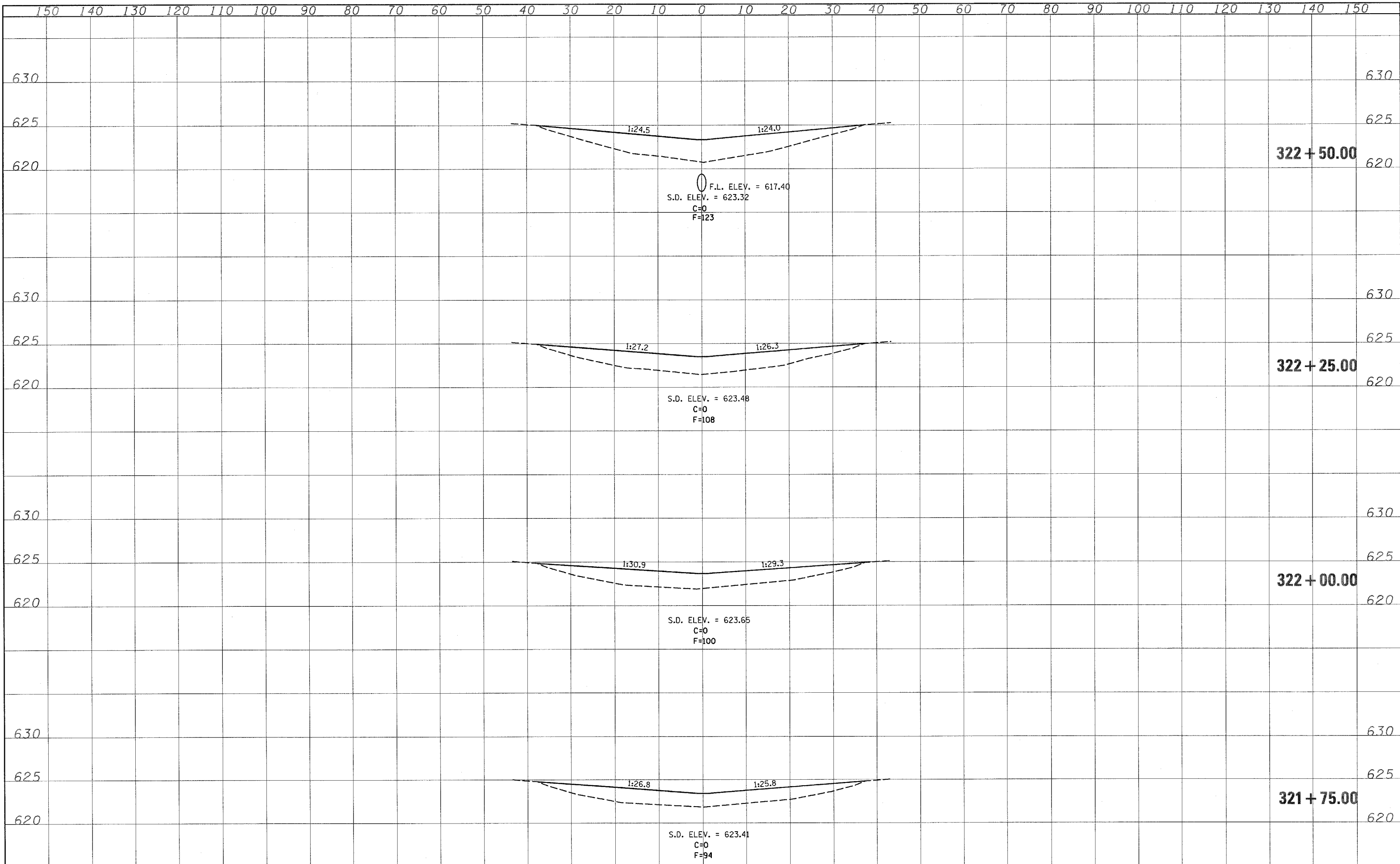
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 SCALE: SHEET NO. OF SHEETS STA. 319+25.00 TO STA. 320+25.00

|   |                  |        |              |           |
|---|------------------|--------|--------------|-----------|
| F.A.I. RTE.                                     | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
| 72  | D7 SAFETY 2008-3 | MACON  | 70           | 42        |
| CONTRACT NO. 74250                              |                  |        |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |                  |        |              |           |



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 DATE \_\_\_\_\_  
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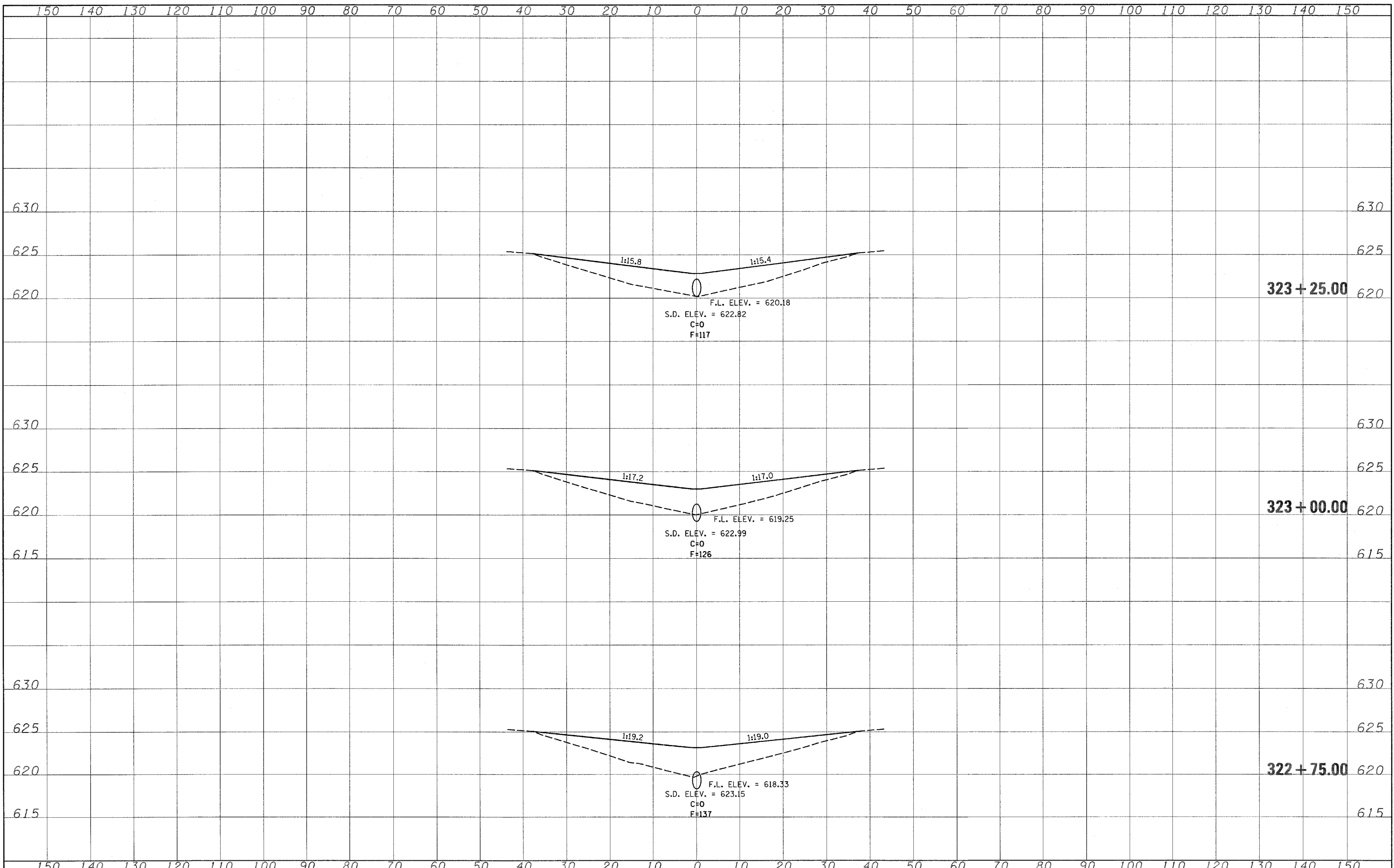
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 NOTE BOOK NO. \_\_\_\_\_  
 PLOTTED AREAS CHECKED \_\_\_\_\_  
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SURVEY NO. \_\_\_\_\_  
 NOTE BOOK NO. \_\_\_\_\_  
 PLOTTED AREAS CHECKED \_\_\_\_\_  
 TEMPLATE AREAS CHECKED \_\_\_\_\_

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| PLOT SCALE = 10.0000' / IN.                         | CHECKED -             | REVISIED - | SCALE:     |   |                      | SHEET NO. OF SHEETS | STA. 321+75.00 TO STA. 322+50.00 | FED. ROAD DIST. NO. 7   ILLINOIS   FED. AID PROJECT |                 |                    |  |  |
| PLOT DATE = 3/21/2008                               | DATE -                | REVISIED - |            |   |                      |                     |                                  |   |                 |                    |  |  |
|   |                       |            |            |   |                      |                     |                                  |   |                 | CONTRACT NO. 74250 |  |  |



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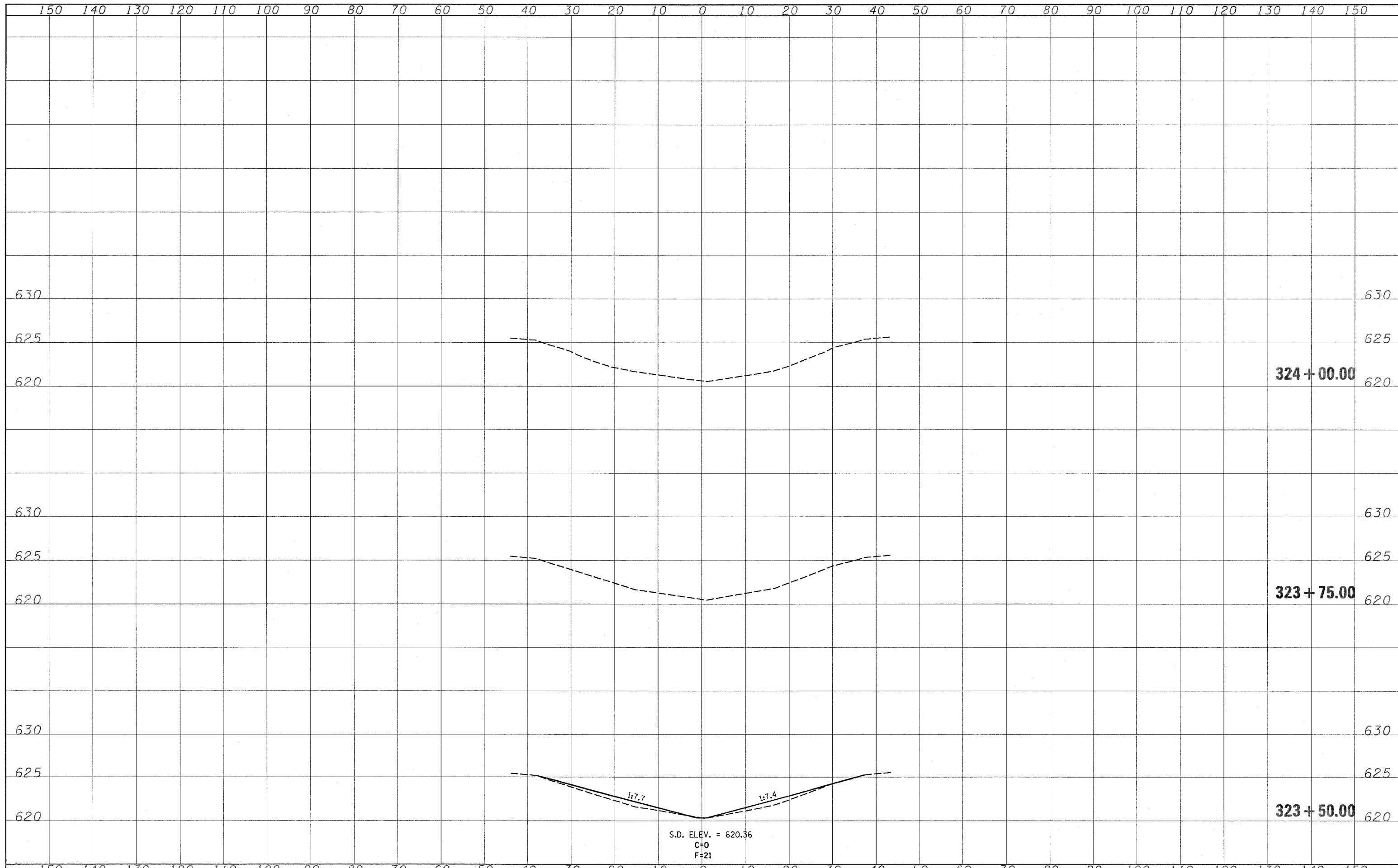
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| DATE -     | REVISED - |

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

**S.N. 058-0062**  
 SCALE: SHEET NO. OF SHEETS STA. 322+75.00 TO STA. 323+25.00

|   |                  |        |              |           |
|---|------------------|--------|--------------|-----------|
| F.A.I. RTE.                                     | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
| 72  | D7 SAFETY 2008-3 | MACON  | 70           | 45        |
| CONTRACT NO. 74250                              |                  |        |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |                  |        |              |           |



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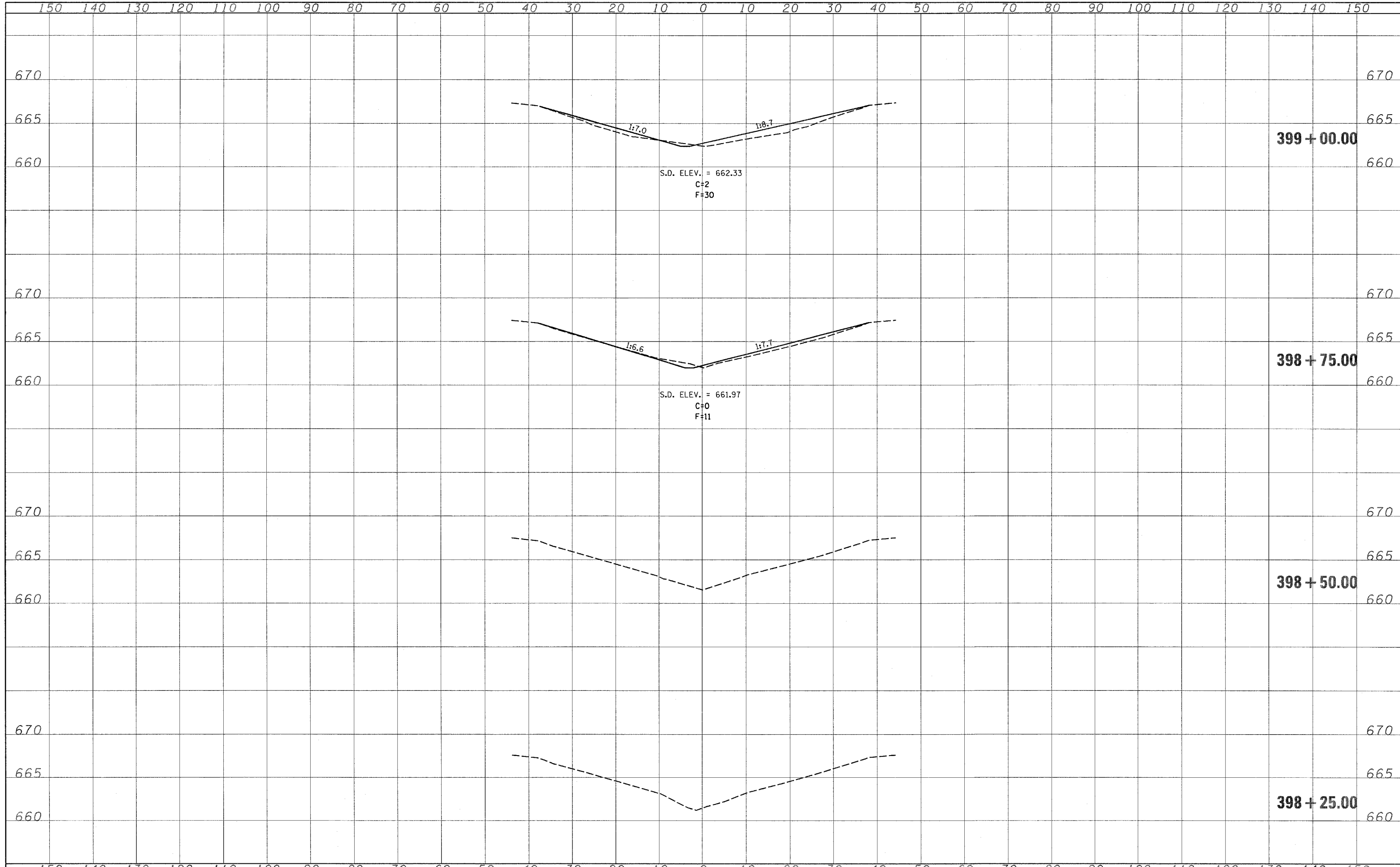
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| CHECKED -  | REVISED - |
| DATE -     | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**S.N. 058-0062**

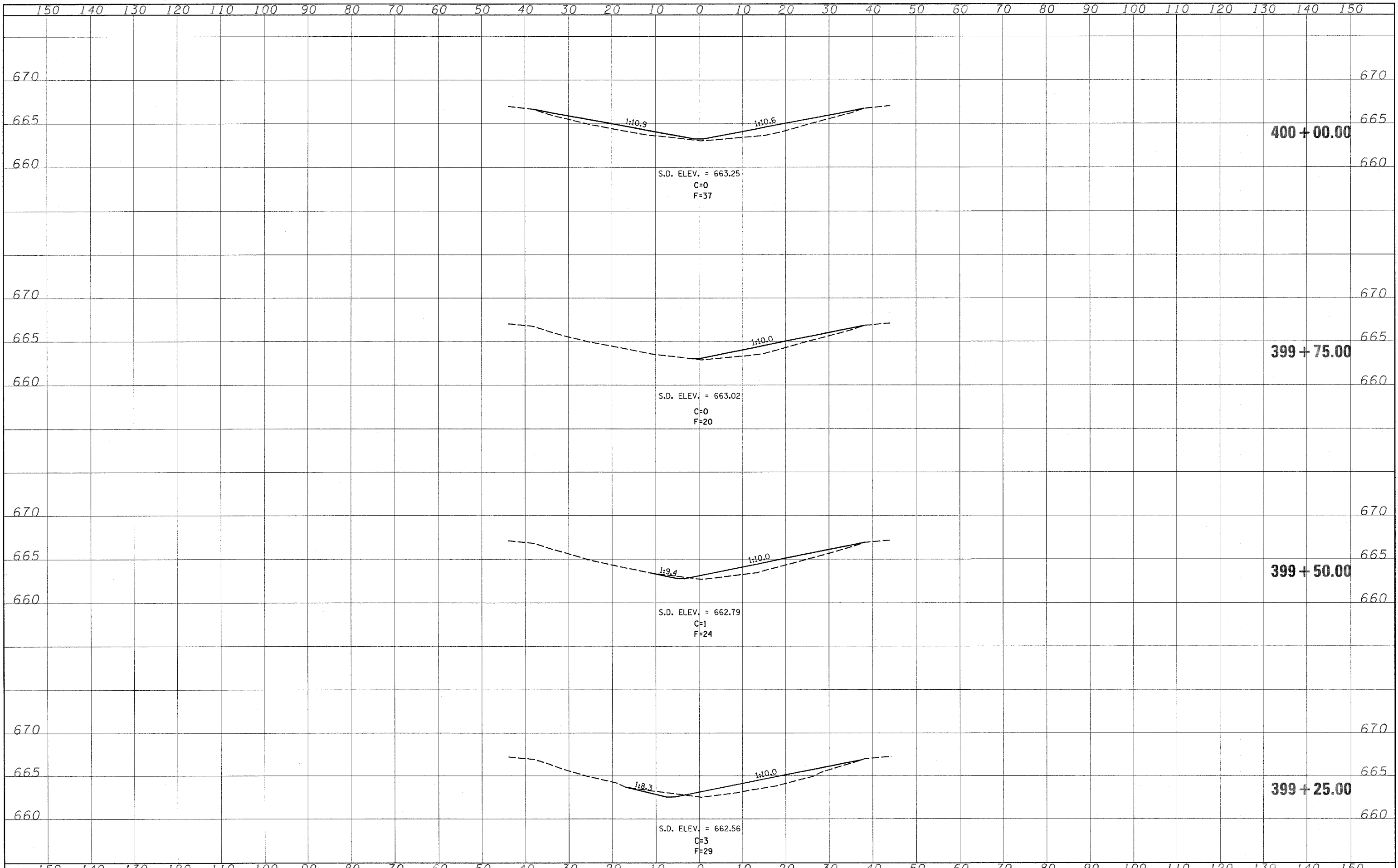
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| F.A.I. RTE.   | SECTION          | COUNTY | TOTAL SHEETS       | SHEET NO. |
|---|------------------|--------|--------------------|-----------|
| 72  | D7 SAFETY 2008-3 | MACON  | 70                 | 46        |
| FED. ROAD DIST. NO. 7   ILLINOIS   FED. AID PROJECT |                  |        | CONTRACT NO. 74250 |           |



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 PLOT DATE = 3/21/2009

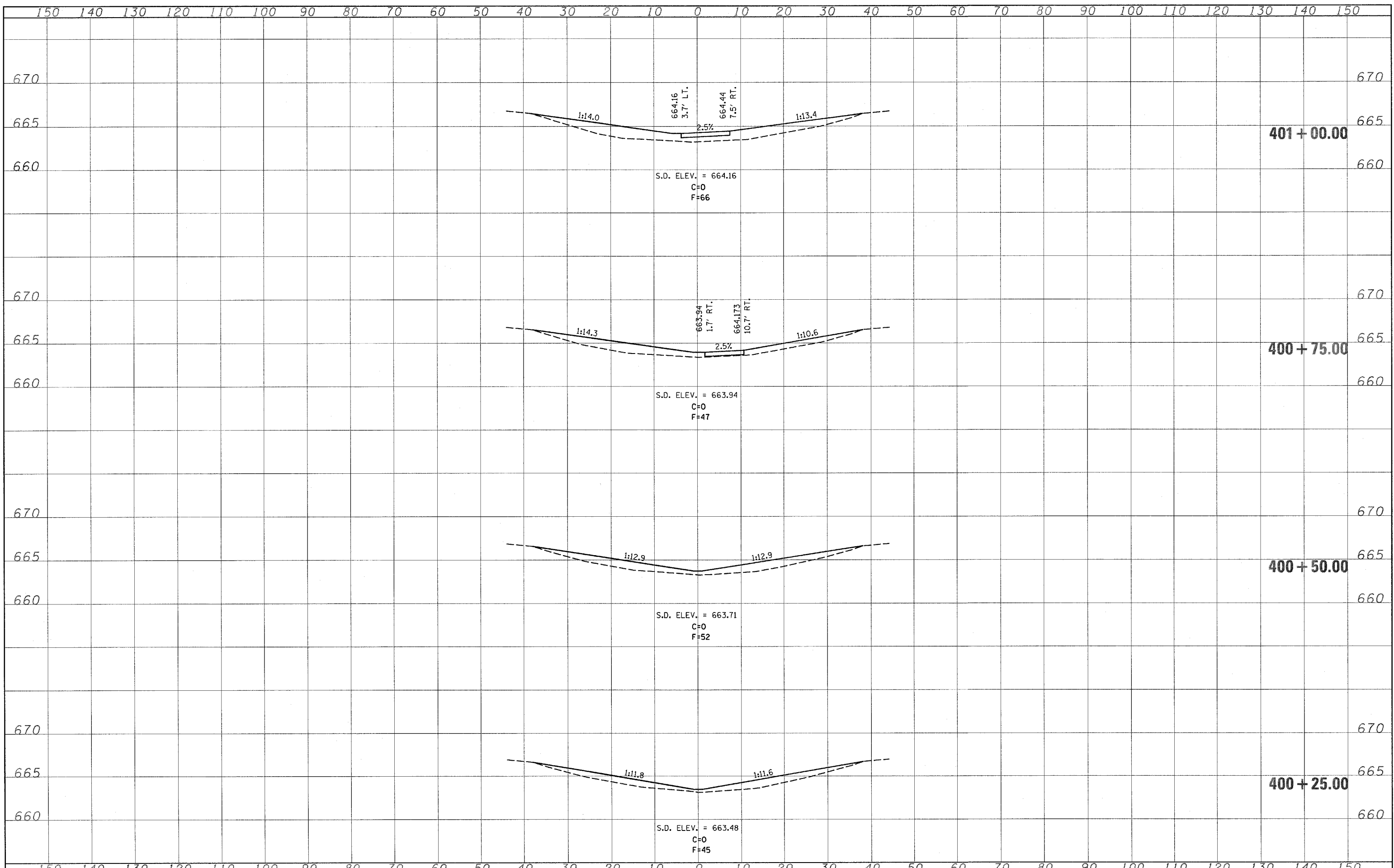
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

S.N. 058-0065  
 SCALE: SHEET NO. OF SHEETS STA. 399+25.00 TO STA. 400+00.00

| F.A.I. RTE.                                     | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------------|--------|--------------|-----------|
| 72  | D7 SAFETY 2008-3 | MACON  | 70           | 48        |
| CONTRACT NO. 74250                              |                  |        |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |                  |        |              |           |





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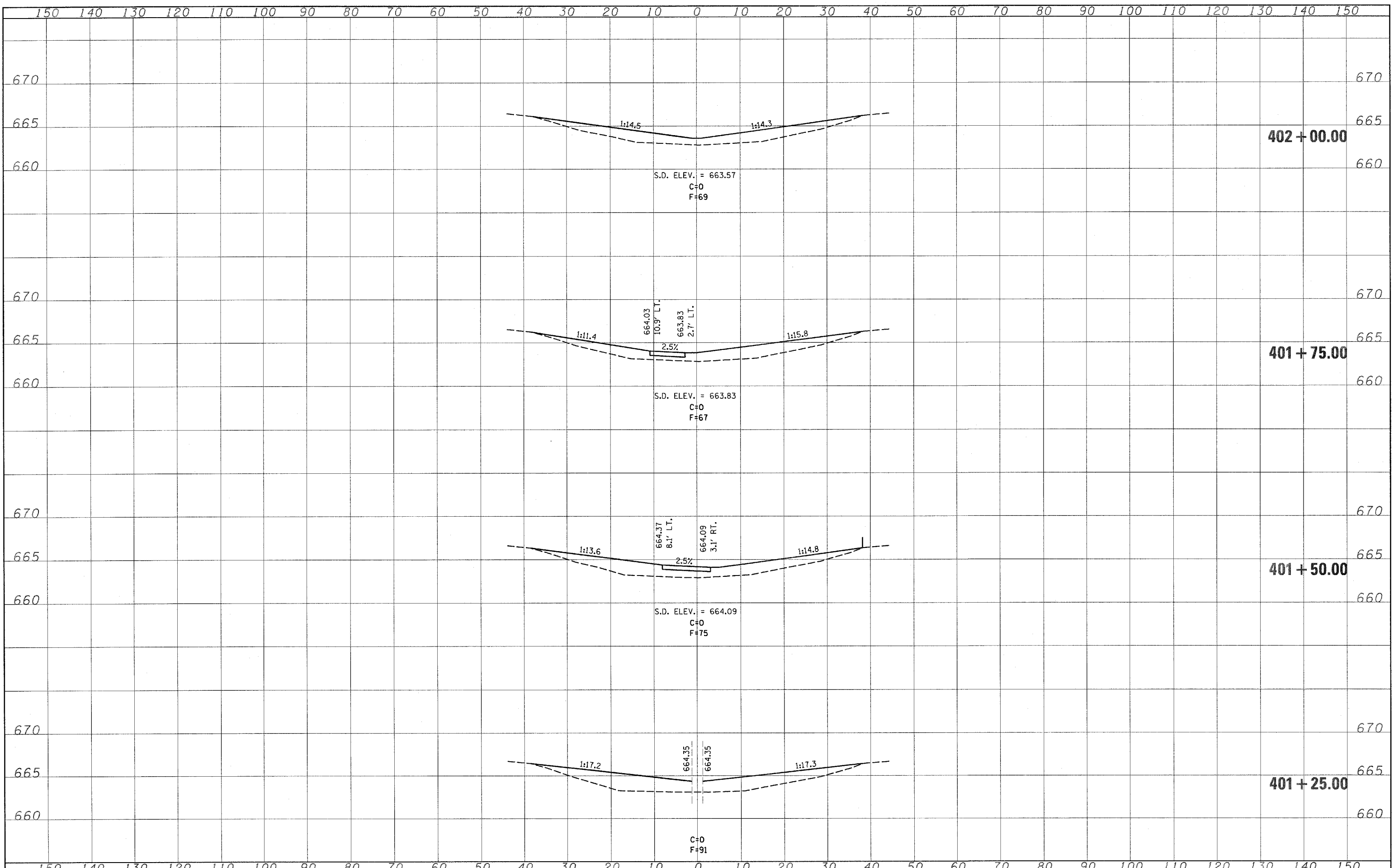
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**S.N. 058-0065**  
 SCALE: SHEET NO. OF SHEETS STA. 400+25.00 TO STA. 401+00.00

| F.A.I. RTE.                                     | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------------|--------|--------------|-----------|
| 72  | DT SAFETY 2008-3 | MACON  | 70           | 49        |
| CONTRACT NO. 74250                              |                  |        |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |                  |        |              |           |



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 PLOT SCALE = 10.0000 ' / IN.  
 PLOT DATE = 3/21/2008

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

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

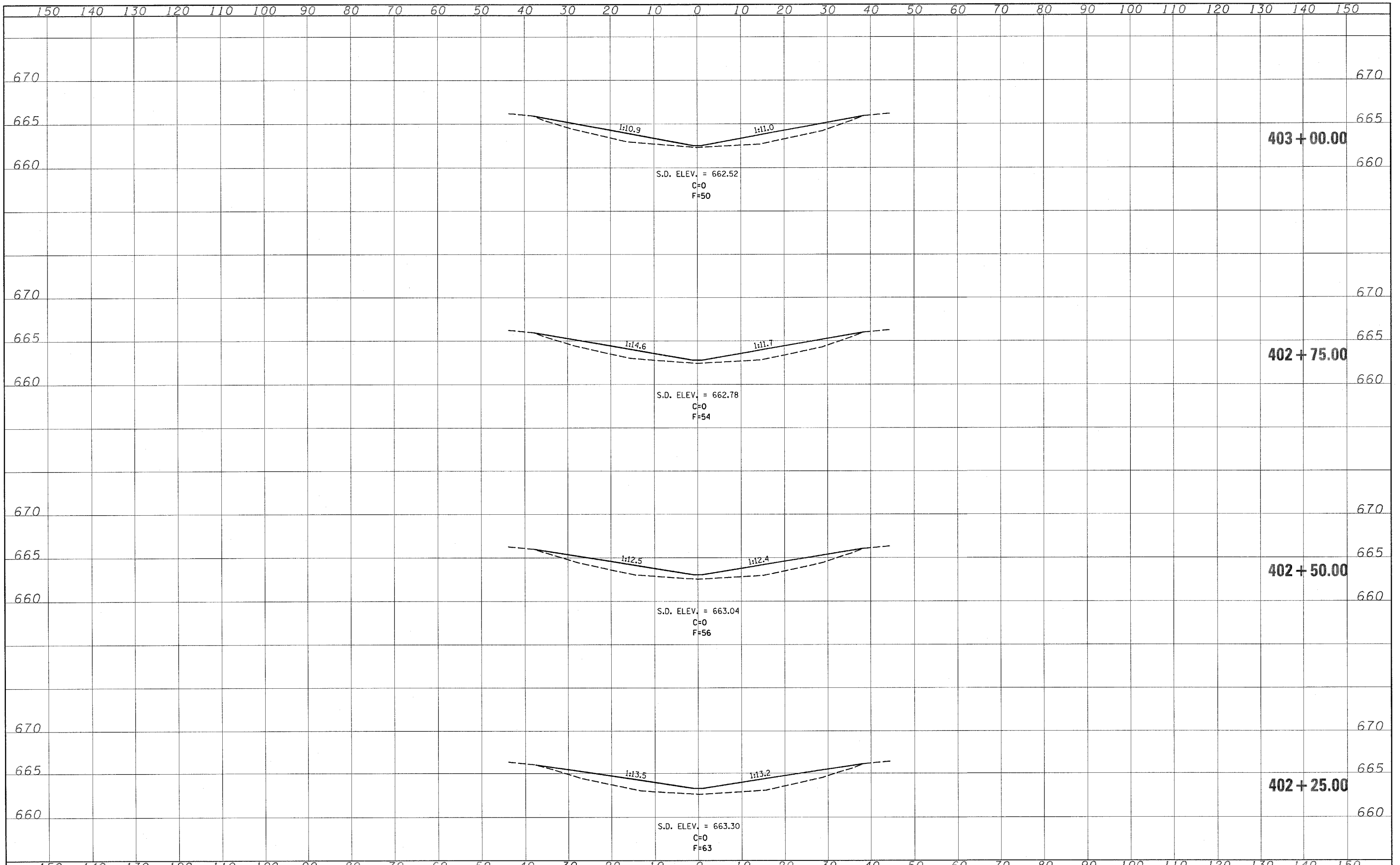
**S.N. 058-0065**

SCALE: SHEET NO. OF SHEETS STA. 401+25.00 TO STA. 402+00.00

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|---|------------------|--------|--------------|-----------|
| F.A.I. RTE.                                     | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
| 72  | D7 SAFETY 2008-3 | MACON  | 70           | 50        |
| CONTRACT NO. 74250                              |                  |        |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |                  |        |              |           |

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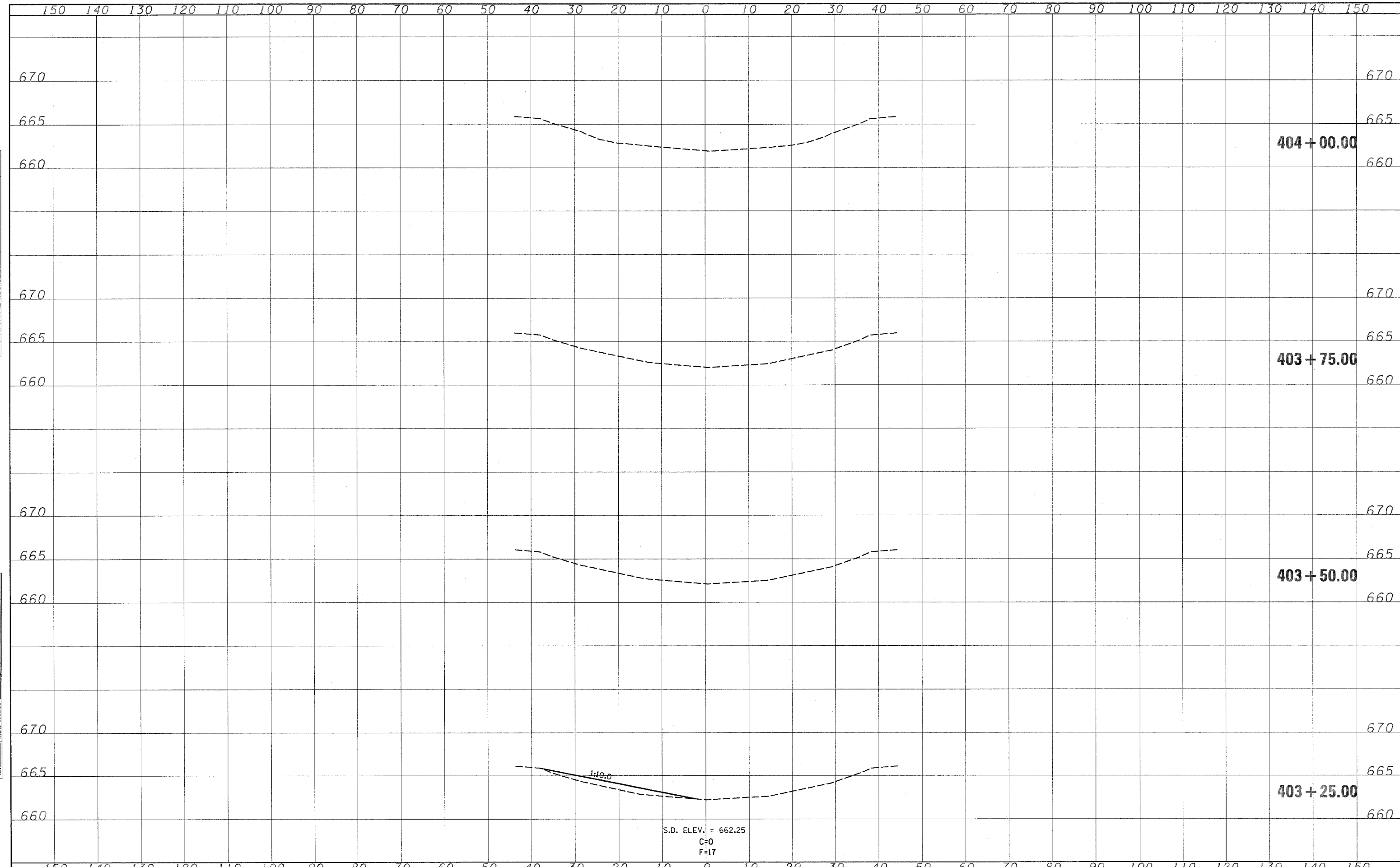
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| DATE -     | REVISED - |

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

**S.N. 058-0065**

SCALE: SHEET NO. OF SHEETS STA. 402+25.00 TO STA. 403+00.00

| F.A.I. RTE.                                     | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------------|--------|--------------|-----------|
| 72  | D7 SAFETY 2008-3 | MACON  | 70           | 51        |
| CONTRACT NO. 74250                              |                  |        |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |                  |        |              |           |



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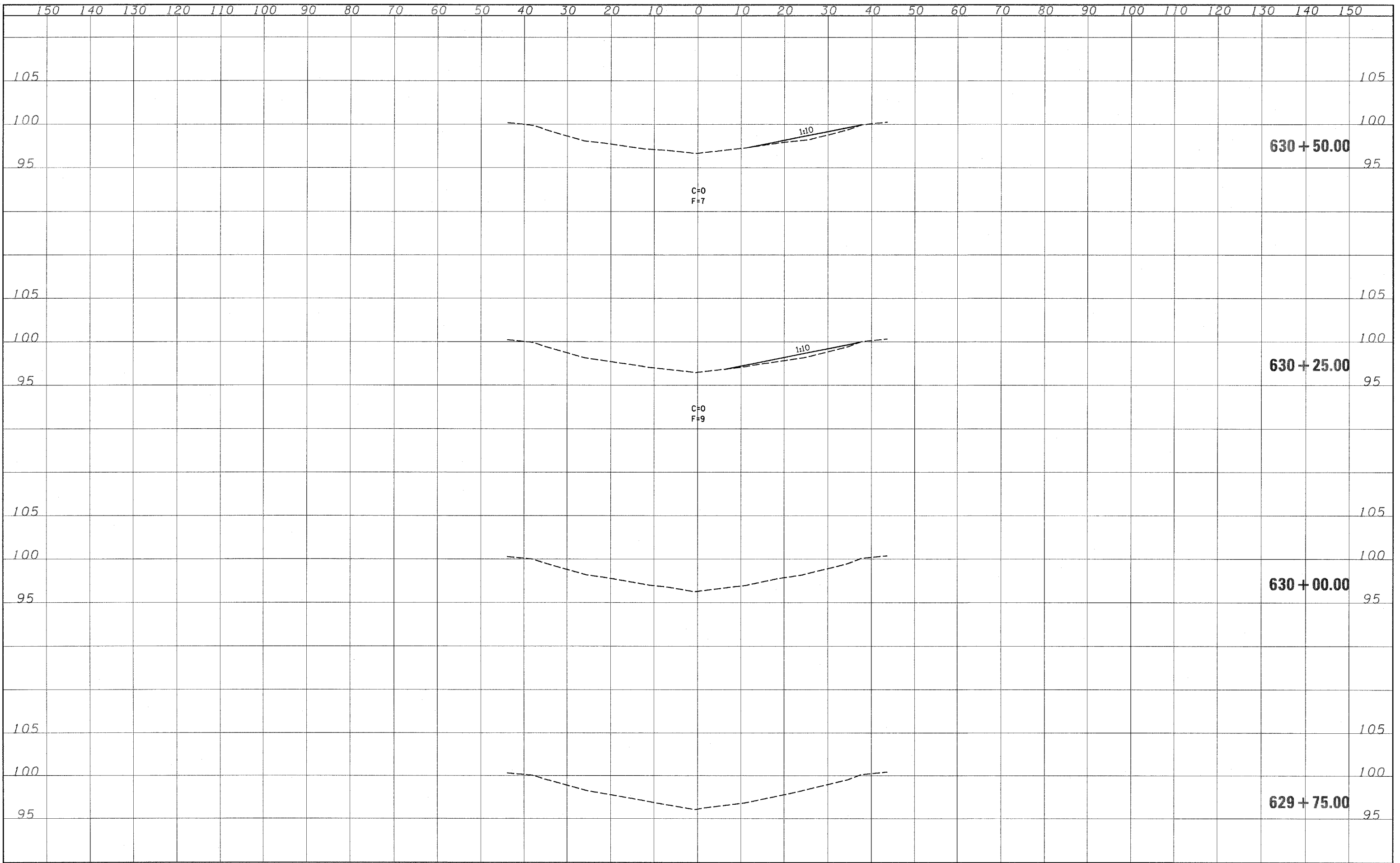
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**S.N. 058-0065**

SCALE: SHEET NO. OF SHEETS STA. 403+25.00 TO STA. 404+00.00

| F.A.I. RTE.                                     | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------------|--------|--------------|-----------|
| 72  | D7 SAFETY 2008-3 | MACON  | 70           | 52        |
| CONTRACT NO. 74250                              |                  |        |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |                  |        |              |           |

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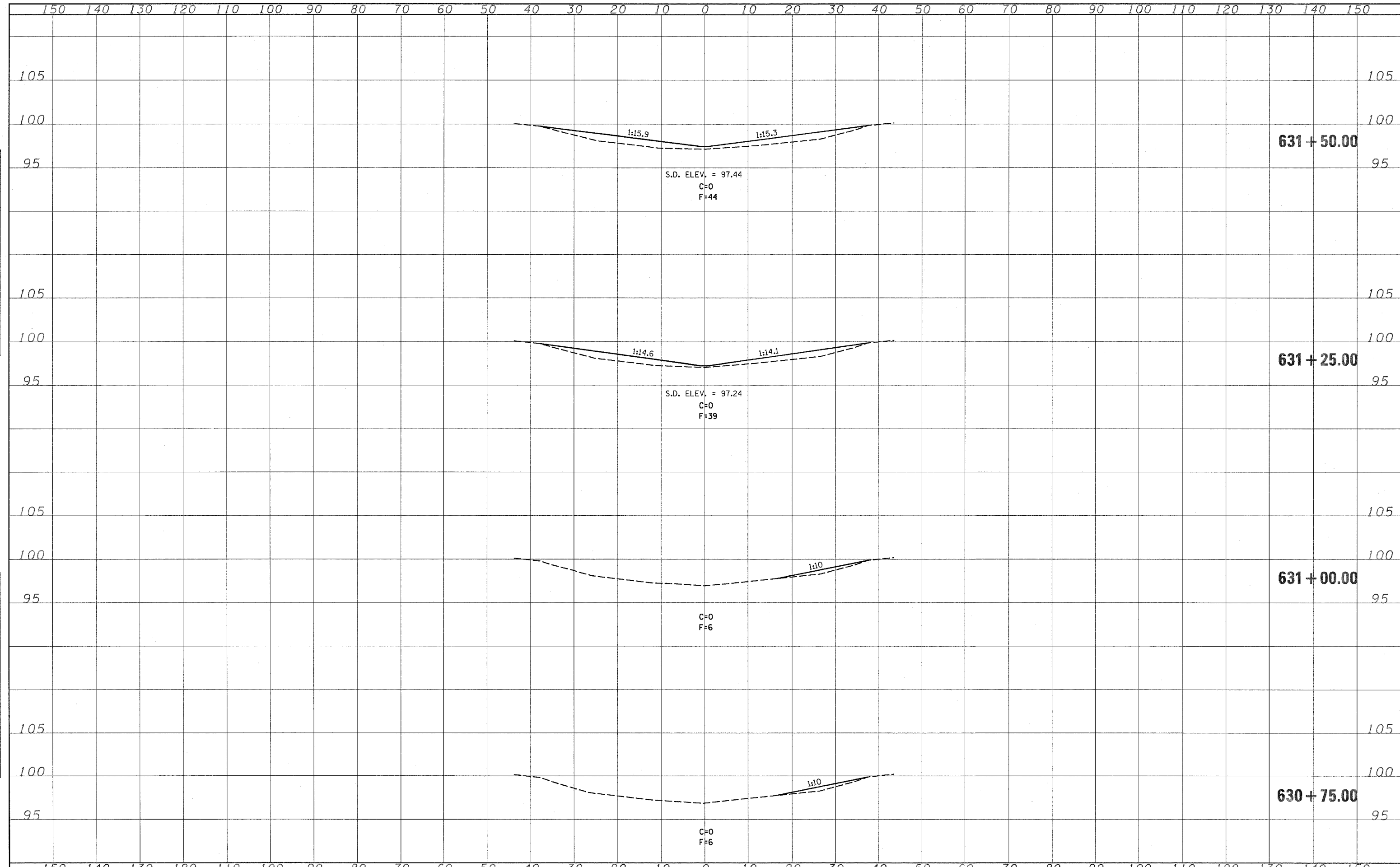
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| DATE -     | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**S.N. 058-0072**

SCALE: SHEET NO. OF SHEETS STA. 629+75.00 TO STA. 630+50.00

| F.A.I. RTE.                                     | SECTION          | COUNTY | TOTAL SHEETS       | SHEET NO. |
|---|------------------|--------|--------------------|-----------|
| 72  | D7 SAFETY 2008-3 | MACON  | 70                 | 53        |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |                  |        | CONTRACT NO. 74250 |           |



NOTE BOOK  
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REVISIONS  
DATE \_\_\_\_\_

NOTE BOOK  
NO. \_\_\_\_\_  
REVISIONS  
DATE \_\_\_\_\_

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PLOT DATE = 3/21/2008

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| DATE -     | REVISED - |

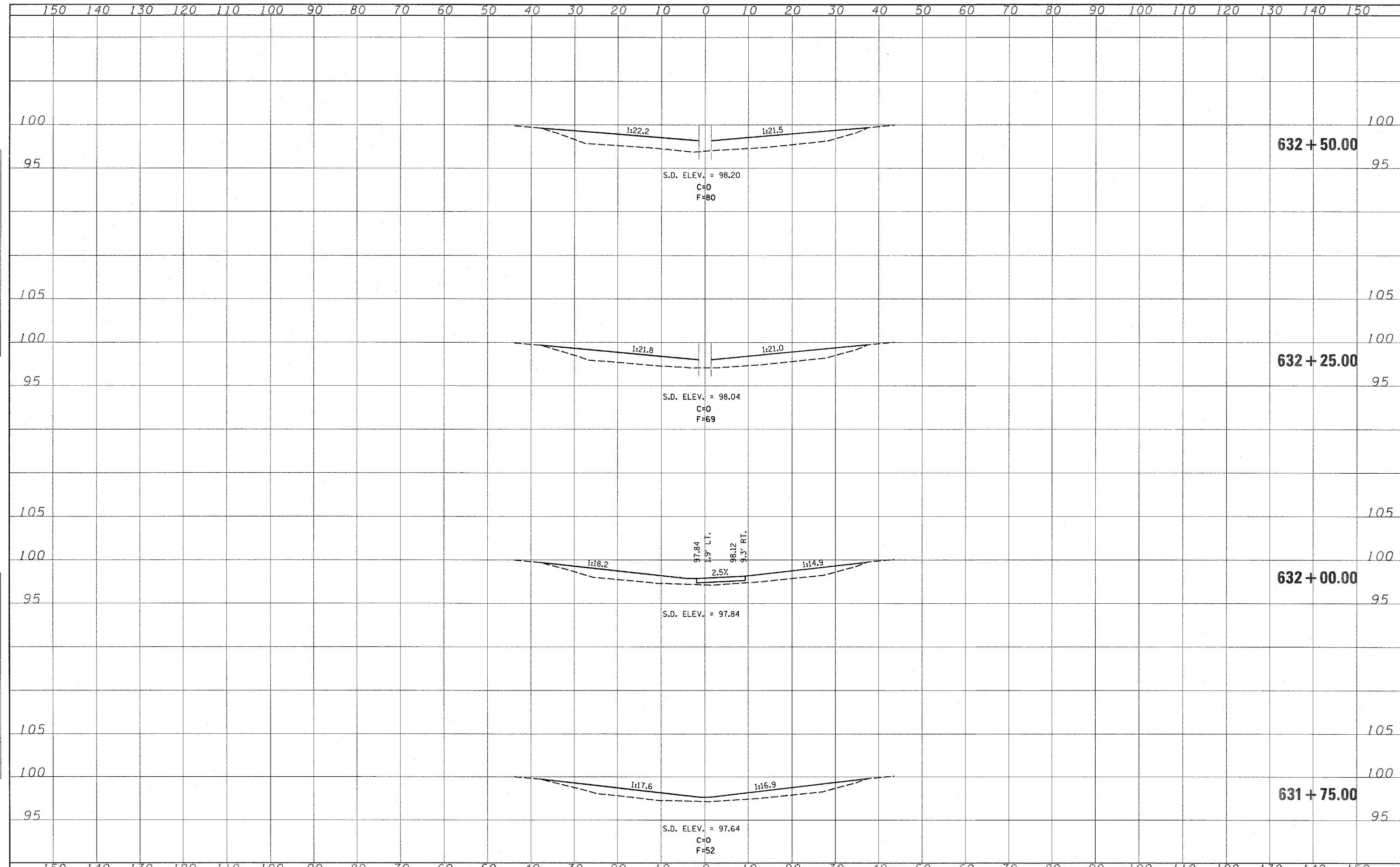
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**S.N. 058-0072**

SCALE: SHEET NO. OF SHEETS STA. 630+75.00 TO STA. 631+50.00

| F.A.I. RTE.                                       | SECTION          | COUNTY | TOTAL SHEETS       | SHEET NO. |
|---|------------------|--------|--------------------|-----------|
| 72  | D7 SAFETY 2008-3 | MACON  | 70                 | 54        |
| FED. ROAD DIST. NO. 7 [ILLINOIS] FED. AID PROJECT |                  |        | CONTRACT NO. 74250 |           |

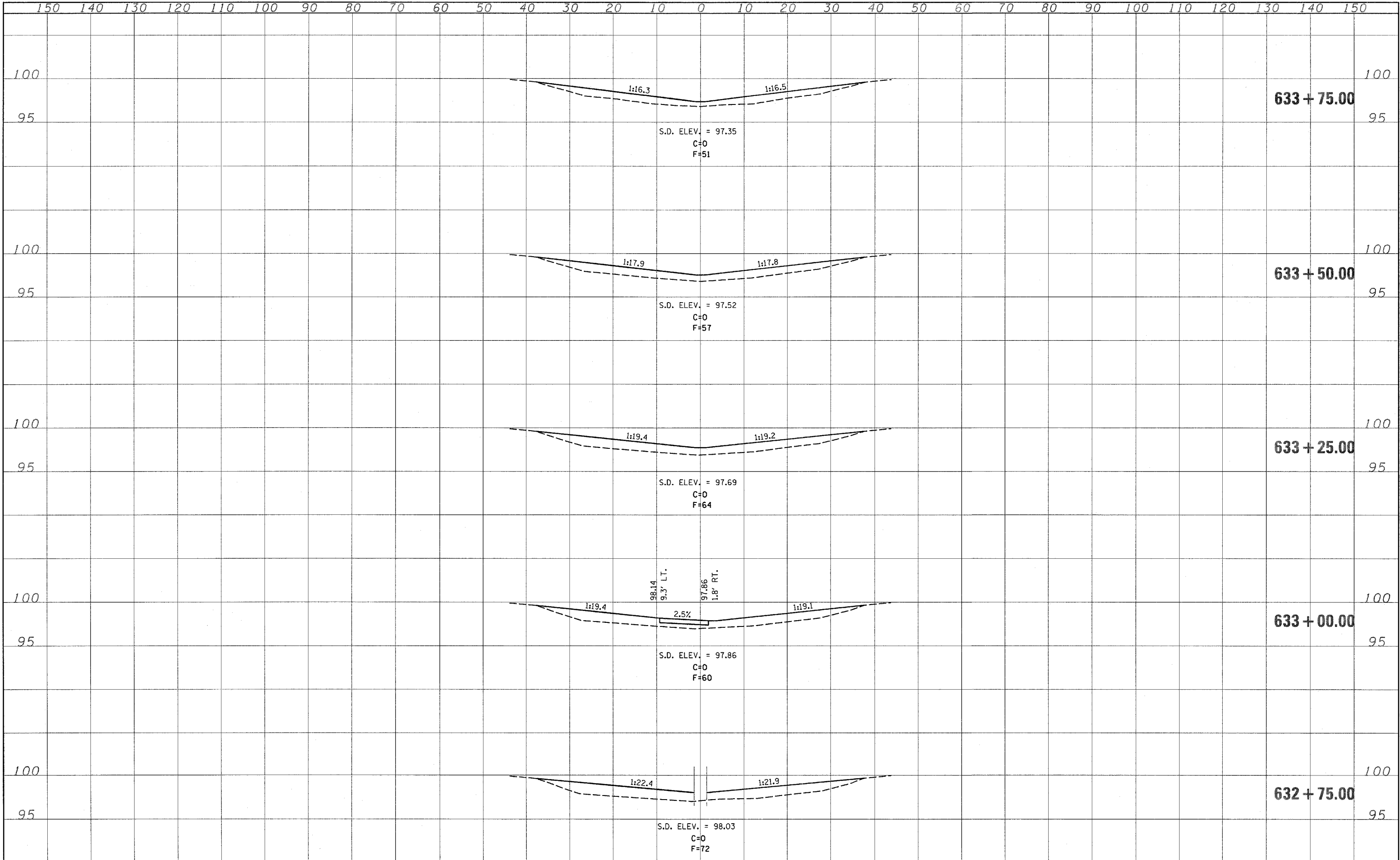
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| PLOT SCALE = 10.0000' / IN.                           | CHECKED -             | REVISED -  | 72                 |   |                      | D7 SAFETY 2008-3                                | MACON   | 70     | 55           |           |
| PLOT DATE = 3/21/2009                                 | DATE -                | REVISED -  | CONTRACT NO. 74250 |   |                      |   |         |        |              |           |
|   |                       |            |                    |   |                      | FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |        |              |           |

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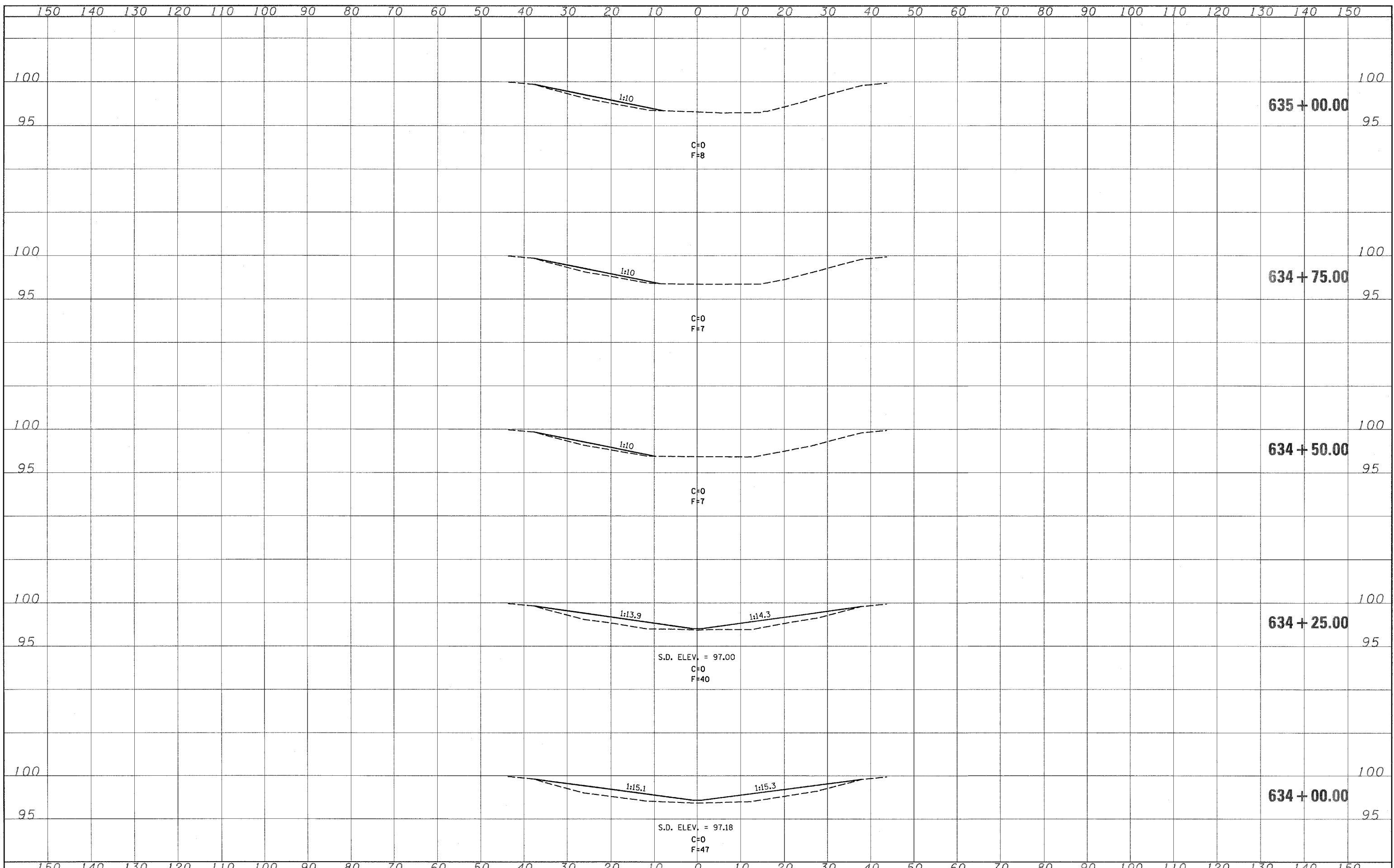
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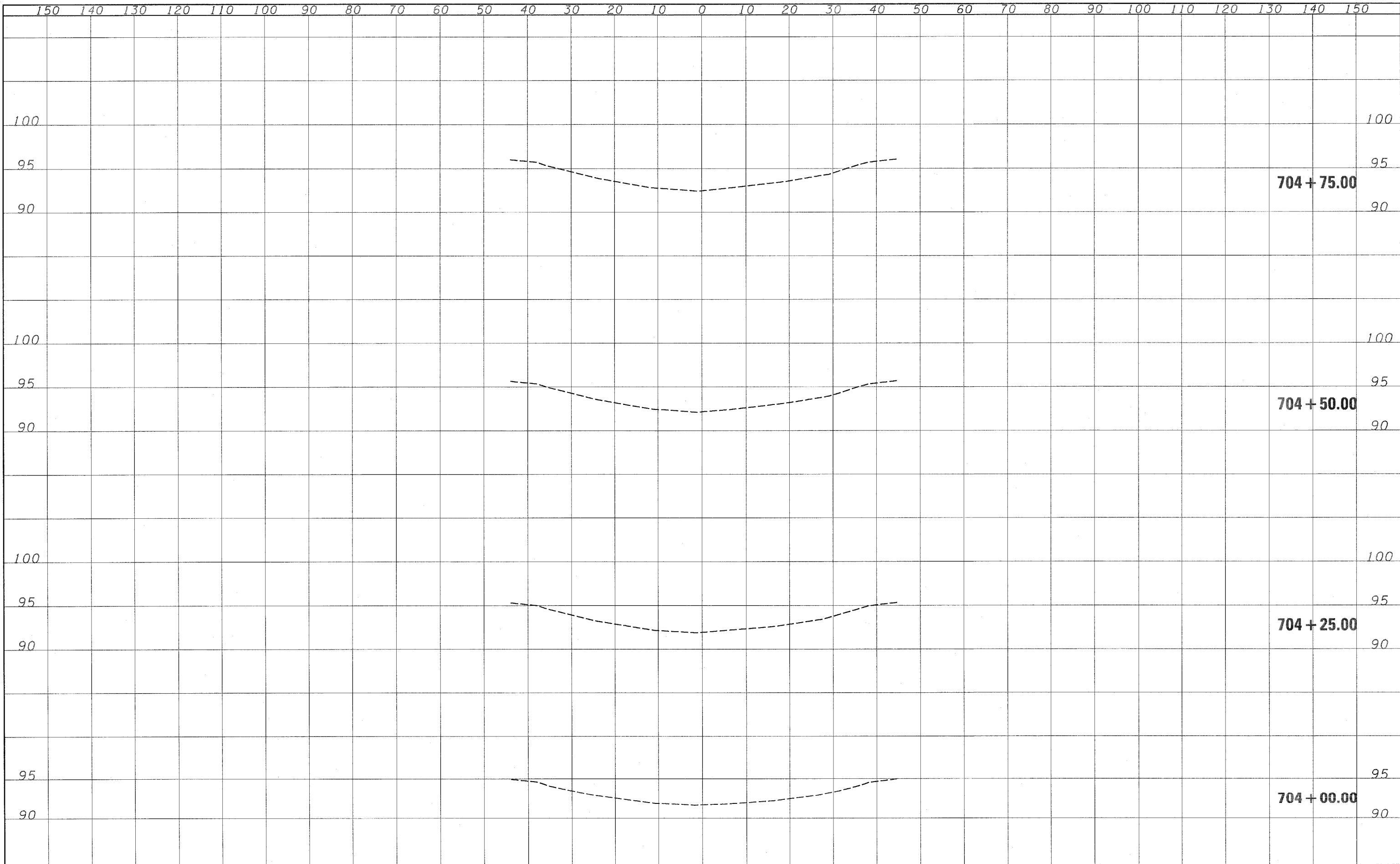
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| DATE -     | REVISED - |

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

**S.N. 058-0072**  
 SCALE: SHEET NO. OF SHEETS STA. 634+00.00 TO STA. 635+00.00

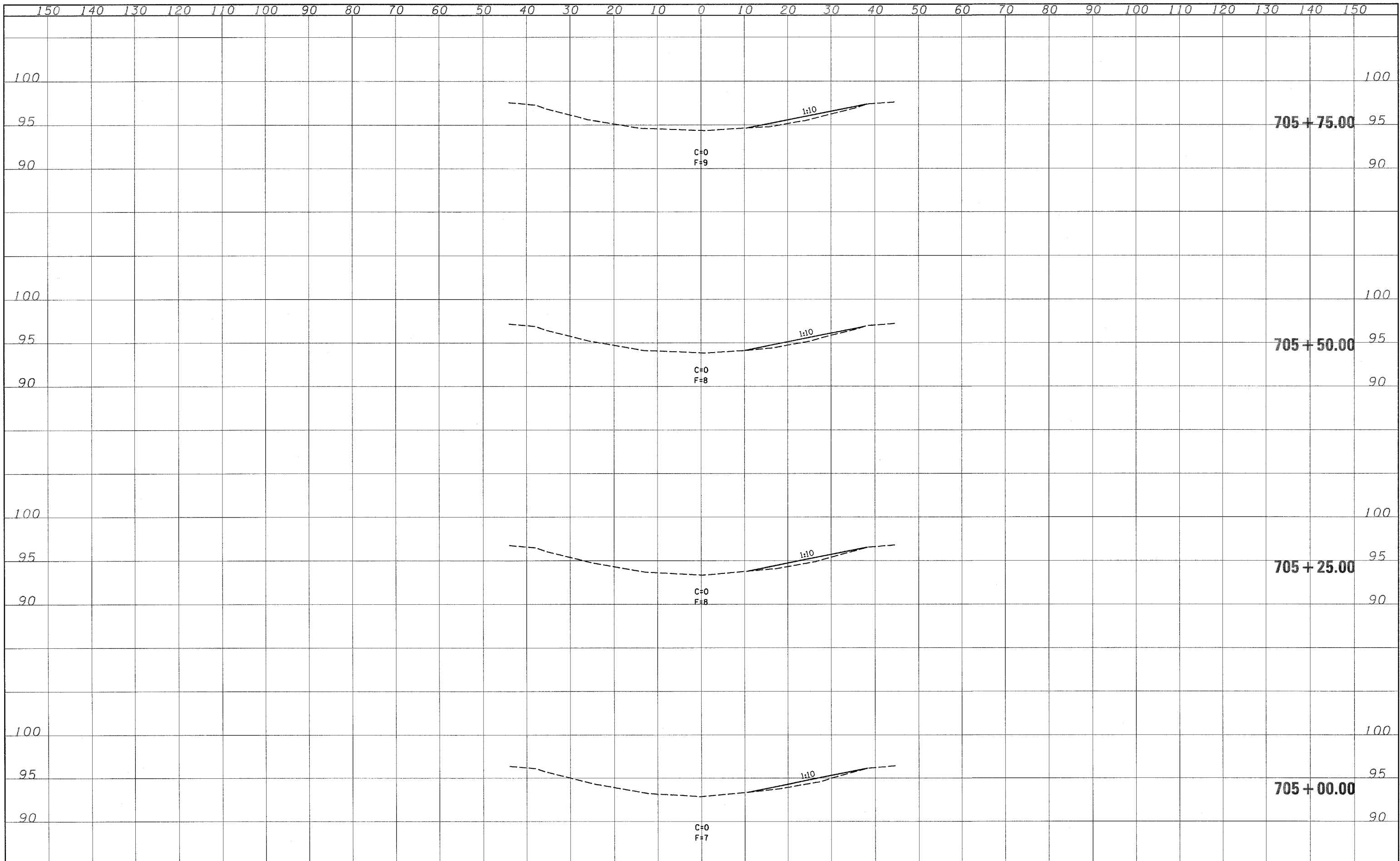
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|---|------------------|--------|--------------|-----------|
| F.A.I. RTE.                                     | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
| 72  | 07 SAFETY 2008-3 | MACON  | 70           | 57        |
| CONTRACT NO. 74250                              |                  |        |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |                  |        |              |           |





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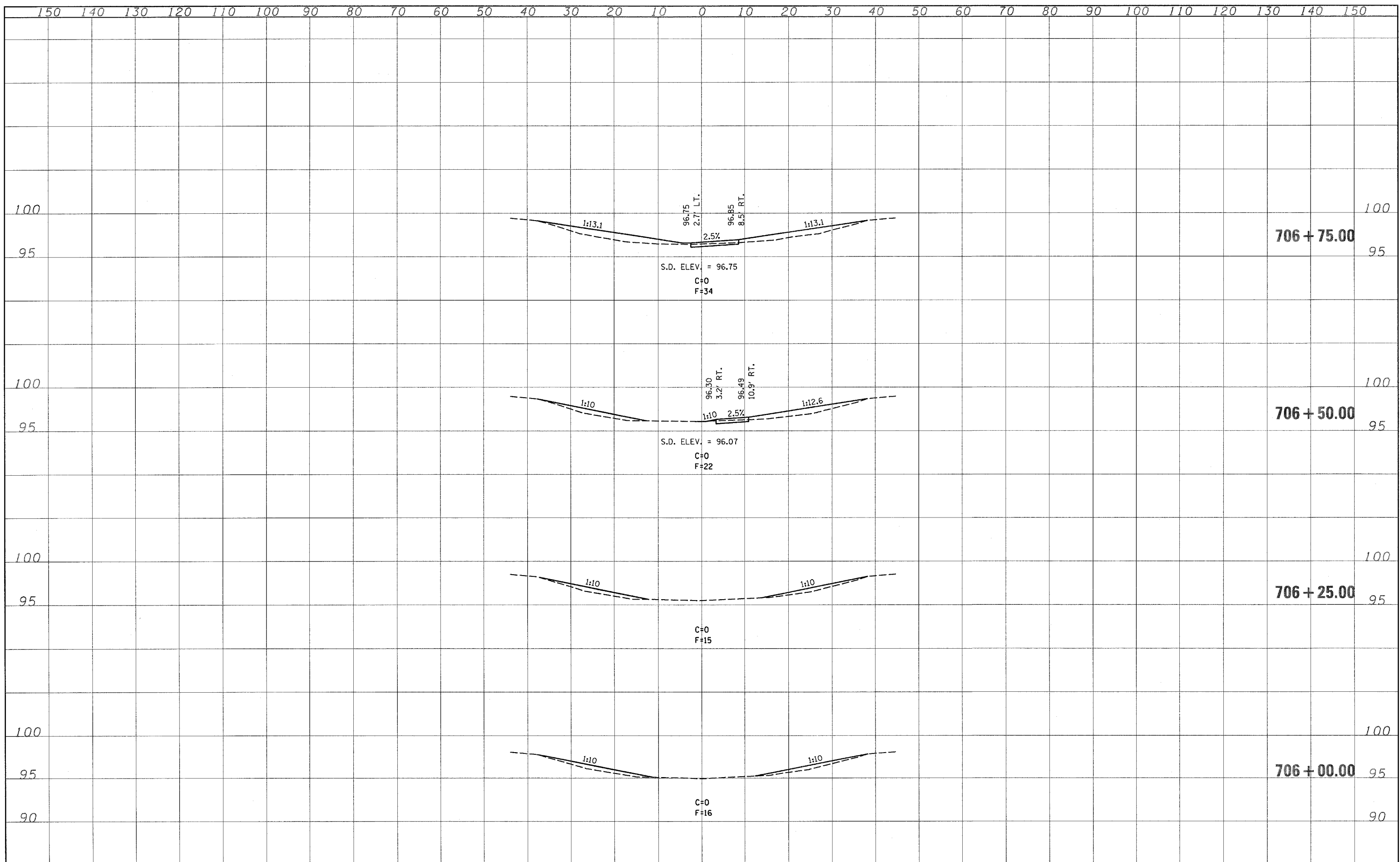
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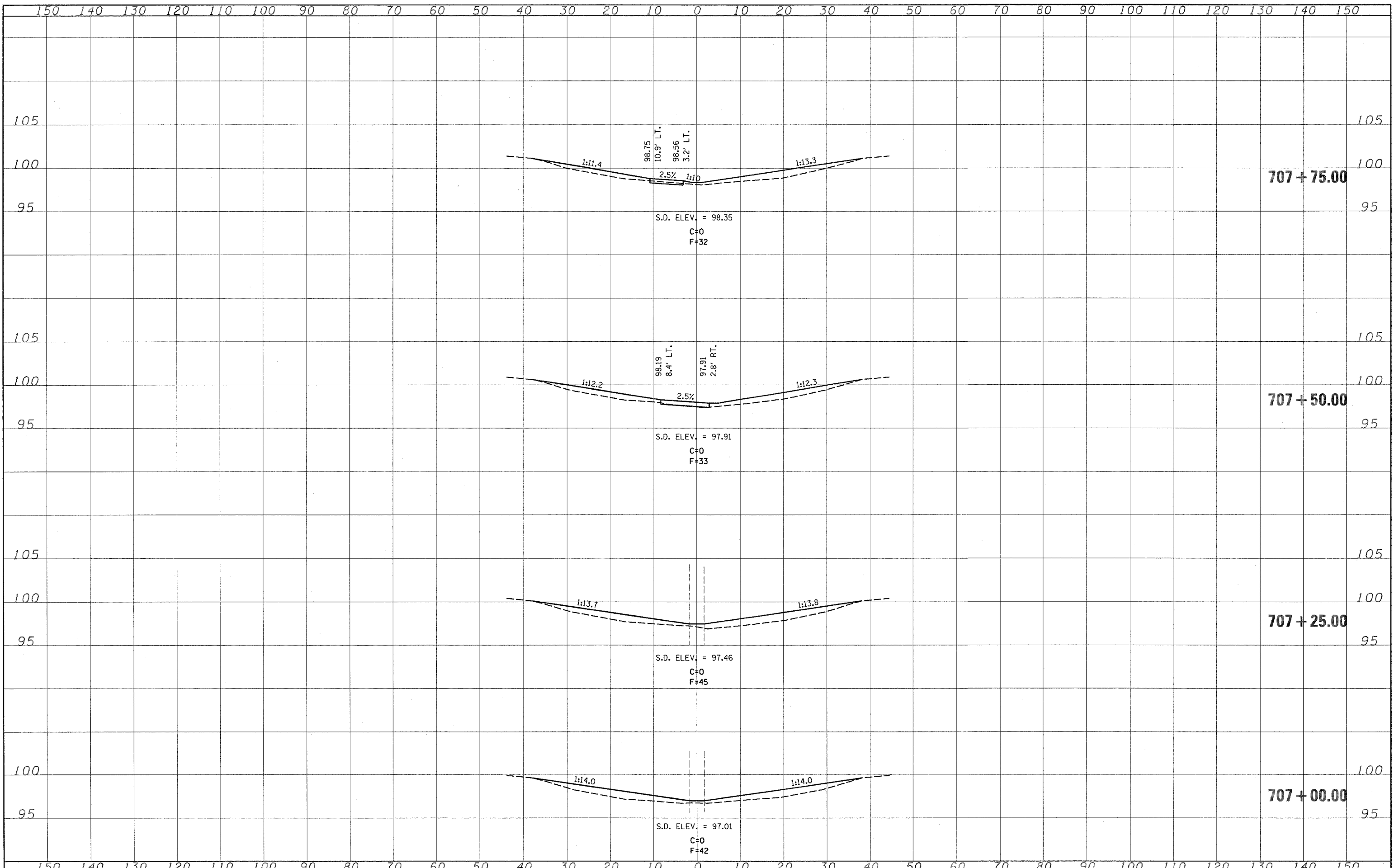
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|--|-----------------------|--|--|---|----------------------|--------|--|--|

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| PLOT DATE = 3/21/2008       | DATE -     | REVISED - |

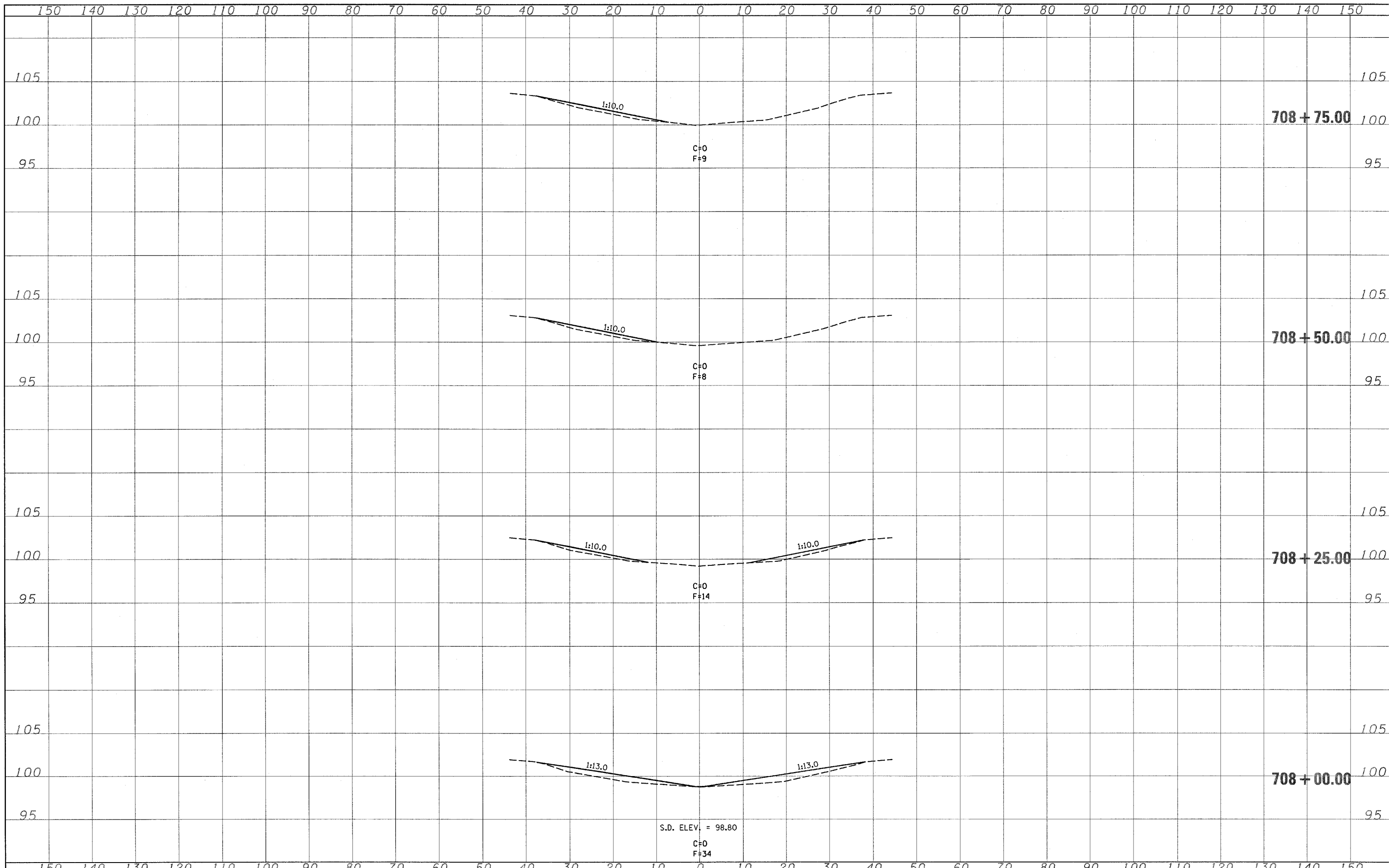
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

S.N. 058-0073

SCALE: SHEET NO. OF SHEETS STA. 707+00.00 TO STA. 707+75.00

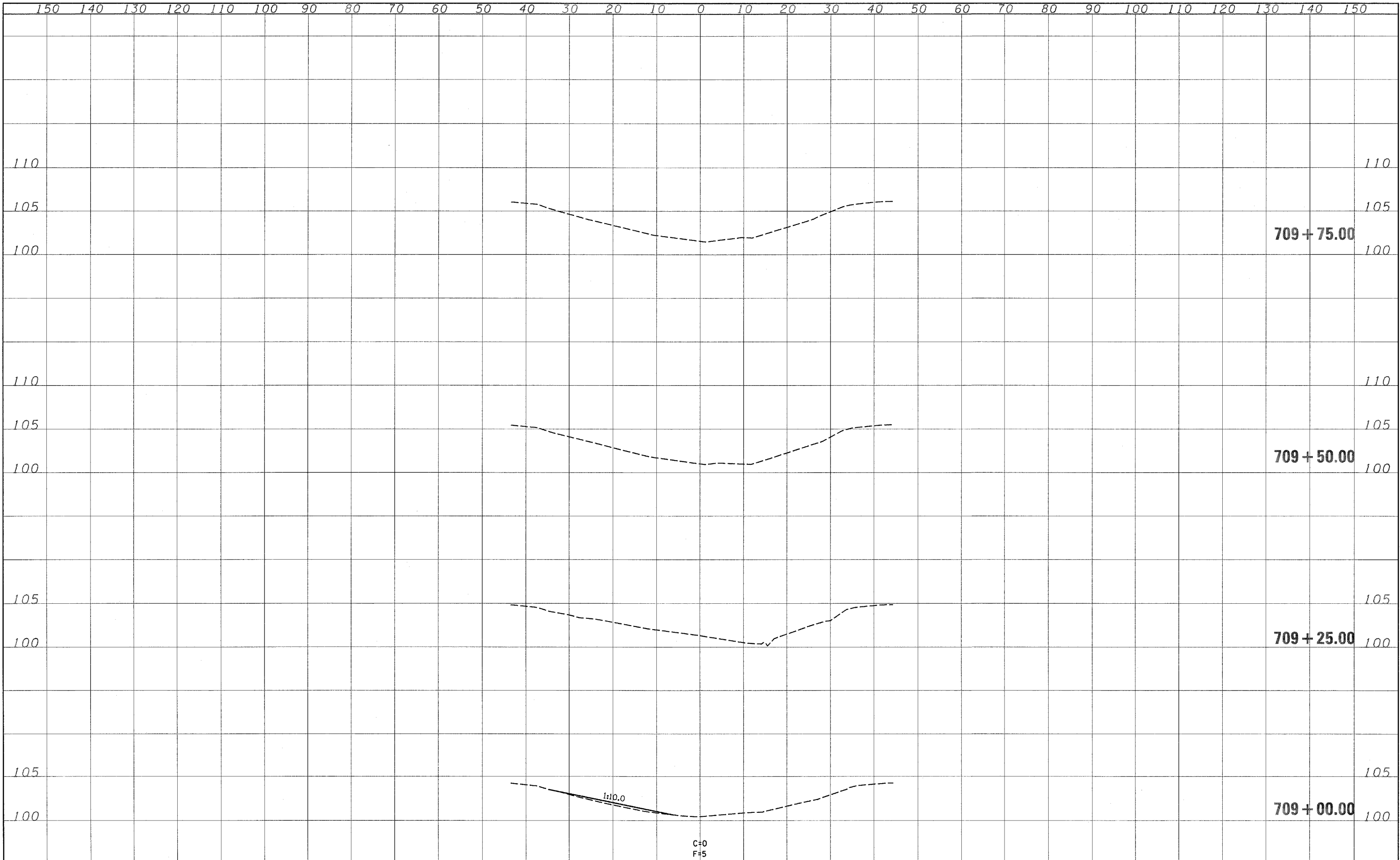
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| F.A.I. RTE.                                       | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
| 72  | D7 SAFETY 2008-3 | MACON  | 70           | 62        |
| CONTRACT NO. 74250                                |                  |        |              |           |
| FED. ROAD DIST. NO. 7 [ILLINOIS] FED. AID PROJECT |                  |        |              |           |

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| PLOT SCALE = 10.0005 / IN.               |                        | CHECKED -  | REVISED - |   |                      | CONTRACT NO. 74250                              |                  |        |              |           |  |
| PLOT DATE = 3/21/2008                    |                        | DATE -     | REVISED - |   |                      | FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |                  |        |              |           |  |

SCALE: SHEET NO. OF SHEETS STA. 708+00.00 TO STA. 708+75.00



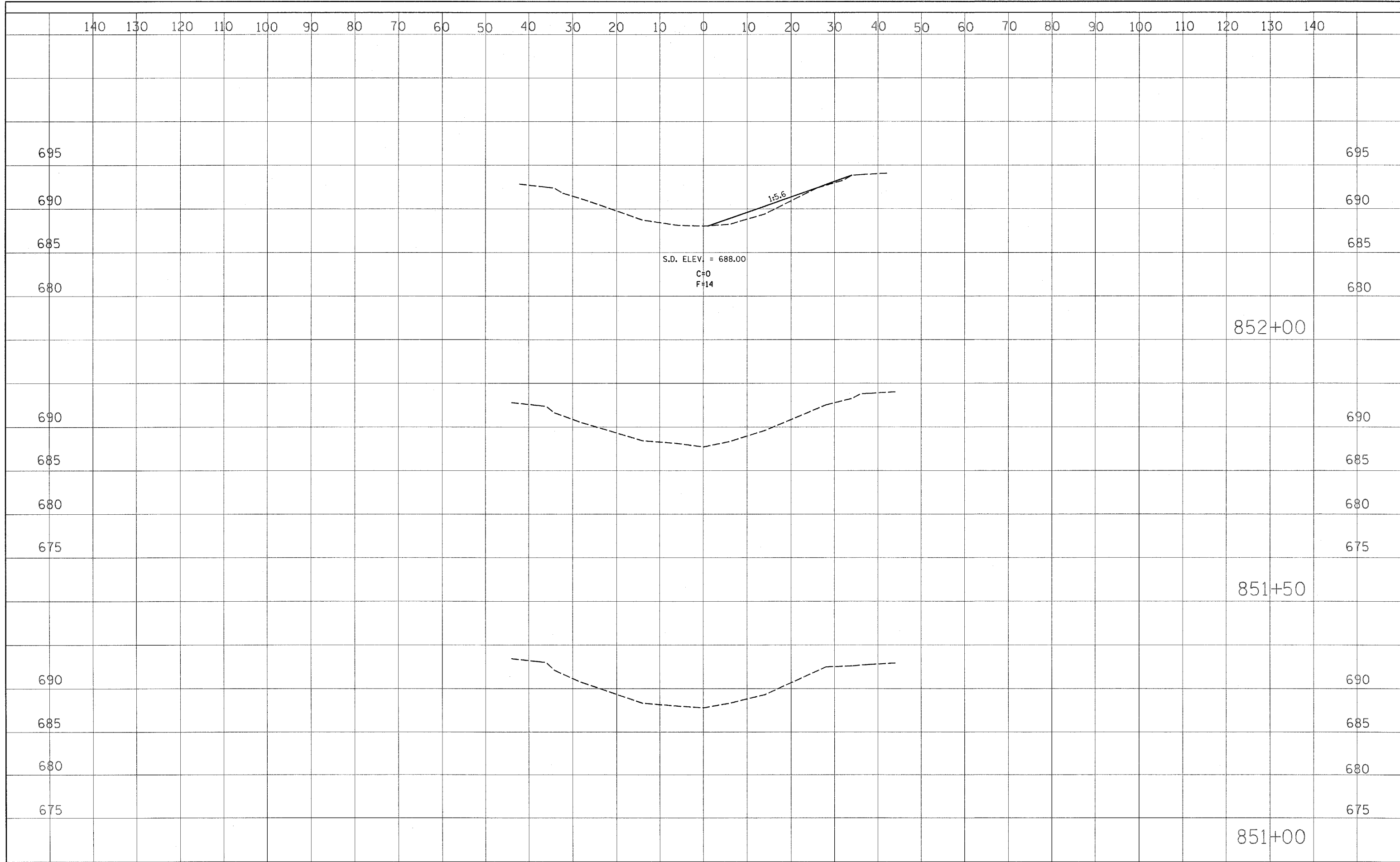
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|   |                       | DRAWN -    | REVISED - |   | SCALE:               | SHEET NO.         | OF SHEETS                                       | 72      | D7 SAFETY 2008-3 | MACON        | 70        | 64 |
|   |                       | CHECKED -  | REVISED - |   | STA. 709+00.00       | TO STA. 709+75.00 | FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |                  |              |           |    |
|   |                       | DATE -     | REVISED - |   | CONTRACT NO. 74250   |                   |   |         |                  |              |           |    |







S.D. ELEV. = 688.00  
 C=0  
 F=14

1:5.6

852+00

851+50

851+00

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|  |                          |                         |                        |   |   |                     |                            |                      |                             |                 |                       |                    |
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| PLOT SCALE = 10.0000' / IN.                            |                          |                         |                        |   | SCALE: 10   | SHEET NO. OF SHEETS | STA. 851+00 TO STA. 852+00 | CONTRACT NO. 74250   |                             |                 |                       |                    |
| PLOT DATE = 3/21/2008                                  |                          |                         |                        |   | FED. ROAD DIST. NO. 7   ILLINOIS FED. AID PROJECT |                     |                            |                      |                             |                 |                       |                    |

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

695

695

690

690

685

685

680

680

S.D. ELEV. = 690.60  
C=0  
F=86

1:20.0

1:10.4

853+50

695

695

690

690

685

685

680

680

S.D. ELEV. = 690.43  
C=0  
F=99

1:19.2

1:10

853+00

695

695

690

690

685

685

680

680

S.D. ELEV. = 689.21  
C=0  
F=67

1:11.3

1:7.6

852+50

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NOTE BOOK NO.

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NOTE BOOK NO.

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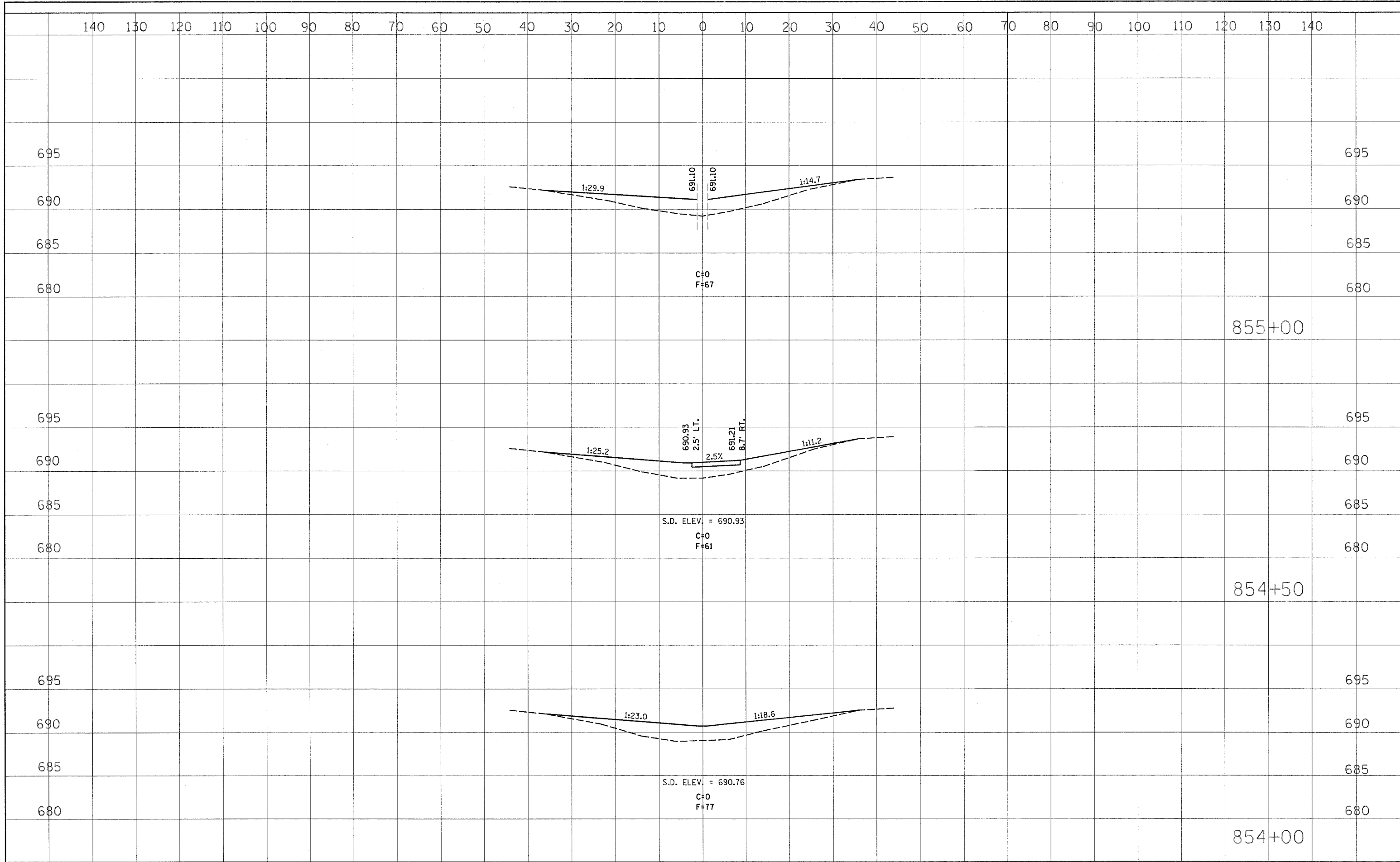
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REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

S.N. 058-0097

SCALE: 10 SHEET NO. OF SHEETS STA. 852+50 TO STA. 853+50

|   |                  |        |                 |              |
|---|------------------|--------|-----------------|--------------|
| F.A.I<br>RTE.                                   | SECTION          | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |
| 72  | D7 SAFETY 2008-3 | MACON  | 70              | 67           |
| CONTRACT NO. 74250                              |                  |        |                 |              |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |                  |        |                 |              |



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 PLOT DATE = 3/21/2009

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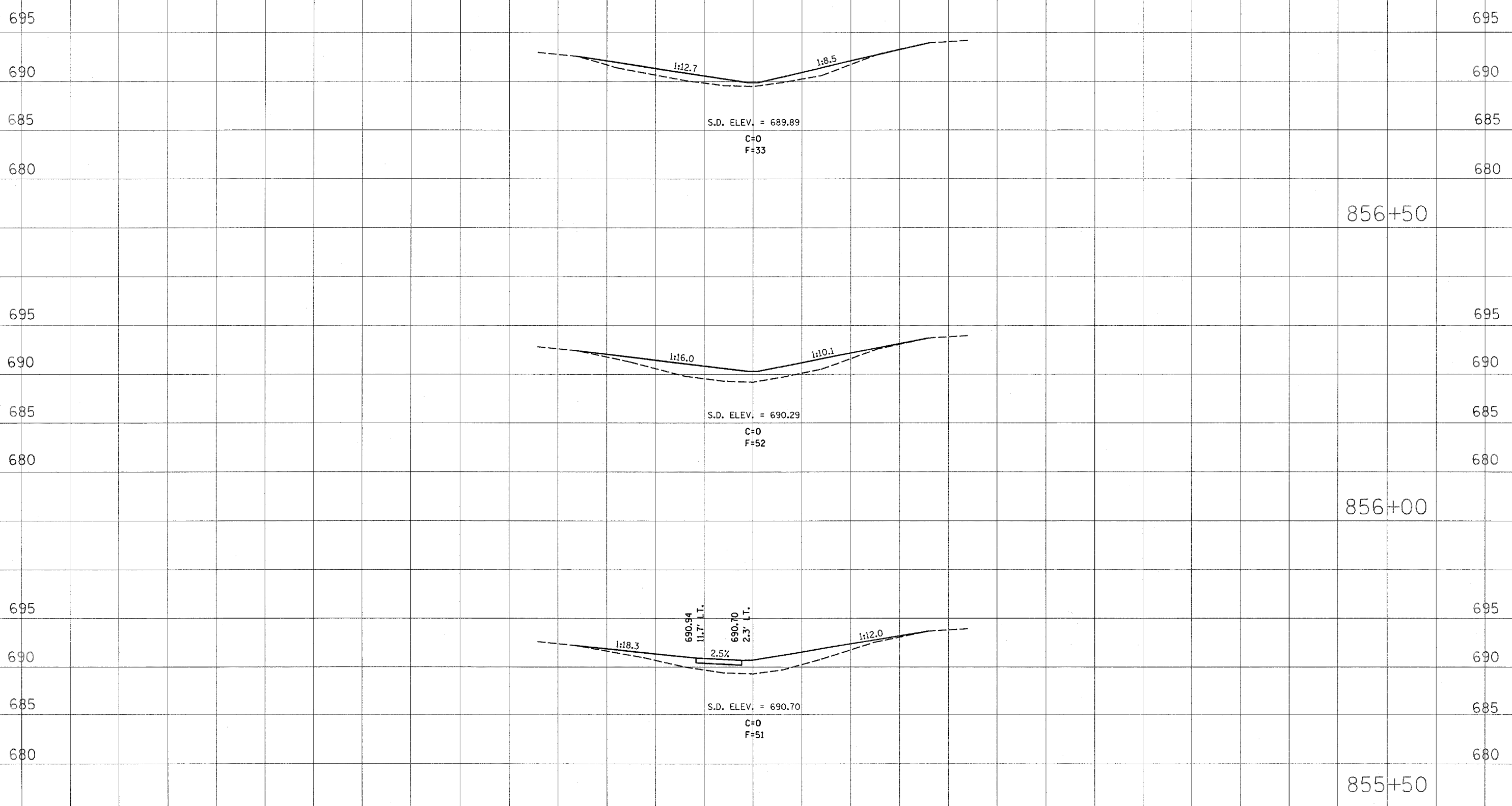
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**S.N. 058-0097**

SCALE: 10 SHEET NO. OF SHEETS STA. 854+00 TO STA. 855+00

| F.A.I. RTE.                                       | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------------|--------|--------------|-----------|
| 72  | D7 SAFETY 2008-3 | MACON  | 70           | 68        |
| CONTRACT NO. 74250                                |                  |        |              |           |
| FED. ROAD DIST. NO. 7 [ILLINOIS] FED. AID PROJECT |                  |        |              |           |

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



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|  |                       | CHECKED -             | REVISIED - |   |                      | 72  | DT SAFETY 2008-3 | MACON  | 70              | 69           |  |
|  |                       | DRAWN -               | REVISIED - |   |                      | CONTRACT NO. 74250                              |                  |        |                 |              |  |
|  |                       | CHECKED -             | REVISIED - |   |                      | FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |                  |        |                 |              |  |
| PLOT SCALE = 10.0000' / IN.                            |                       | PLOT DATE = 3/21/2008 |            | SCALE: 10   | SHEET NO. OF SHEETS  | STA. 855+50                                     | TO STA. 856+50   |        |                 |              |  |

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

695

695

690

690

685

685

680

680

858+00

695

695

690

690

685

685

680

680

S.D. ELEV. = 689.16  
C=0  
F=0

857+50

695

695

690

690

685

685

680

680

1:10.3

S.D. ELEV. = 689.48  
C=0  
F=25

857+00

DATE PLOTTED: 3/21/2008  
SCALE: 1"=100'  
SHEET NO.: 72  
TOTAL SHEETS: 70

DATE PLOTTED: 3/21/2008  
SCALE: 1"=100'  
SHEET NO.: 72  
TOTAL SHEETS: 70

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PLOT DATE = 3/21/2008

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| DESIGNED - | REVISOR -  |
| CHECKED -  | REVISION - |
| DRAWN -    | REVISION - |
| CHECKED -  | REVISION - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**S.N. 058-0097**

SCALE: 10 SHEET NO. OF SHEETS STA. 857+00 TO STA. 858+00

|  |                  |        |              |           |
|--|------------------|--------|--------------|-----------|
| F.A.I. RTE.  | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
| 72   | D7 SAFETY 2008-3 | MACON  | 70           | 70        |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT CONTRACT NO. 74250 |                  |        |              |           |