

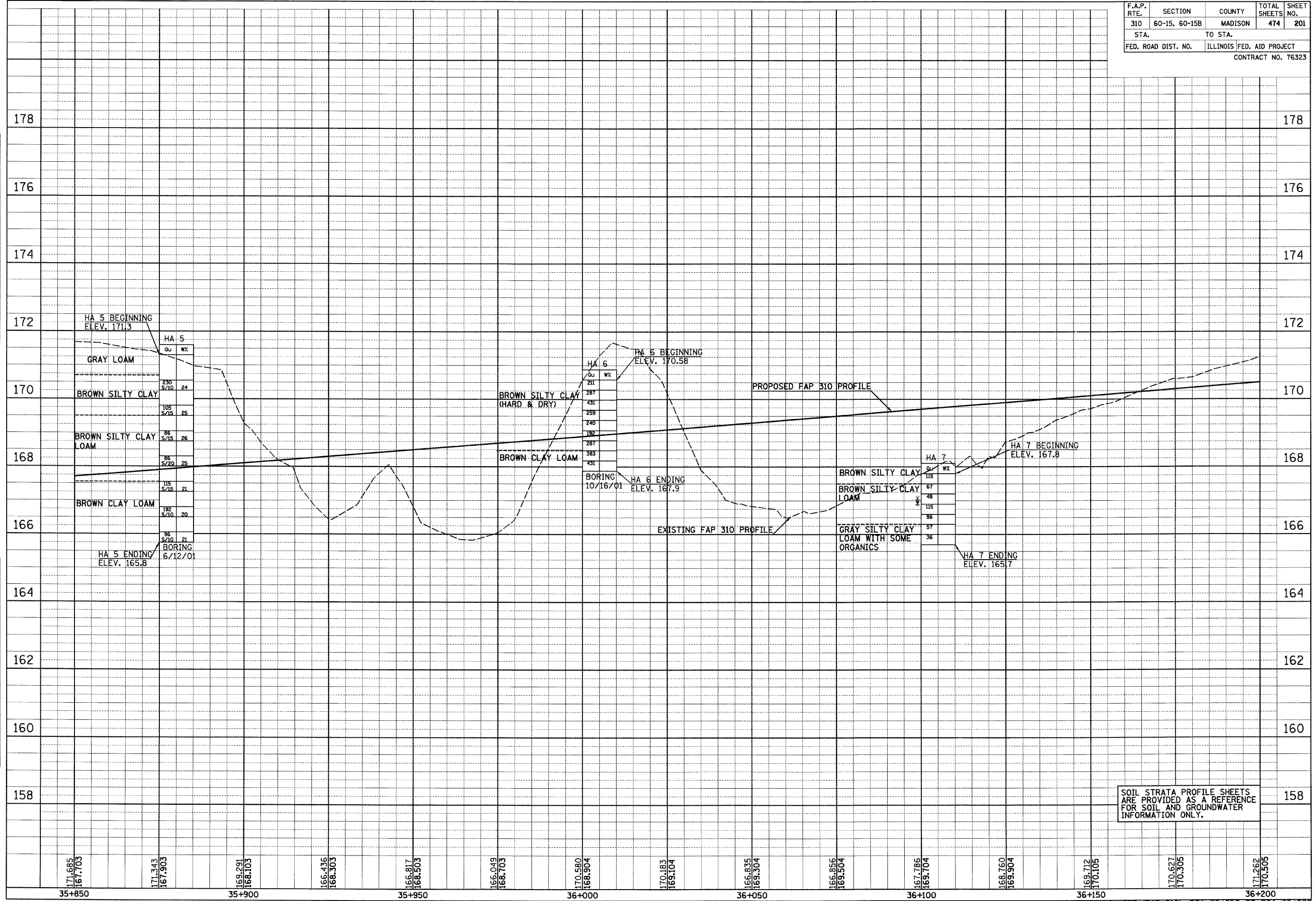
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| AREAS CHECKED | AREAS CHECKED | | |
| NOTE BOOK | NOTE BOOK | | |
| FLORIDA | FLORIDA | | |
| DATE | DATE | | |

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

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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15, 60-15B | MADISON | 474 | 201 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | |
| CONTRACT NO. 76323 | | | | |

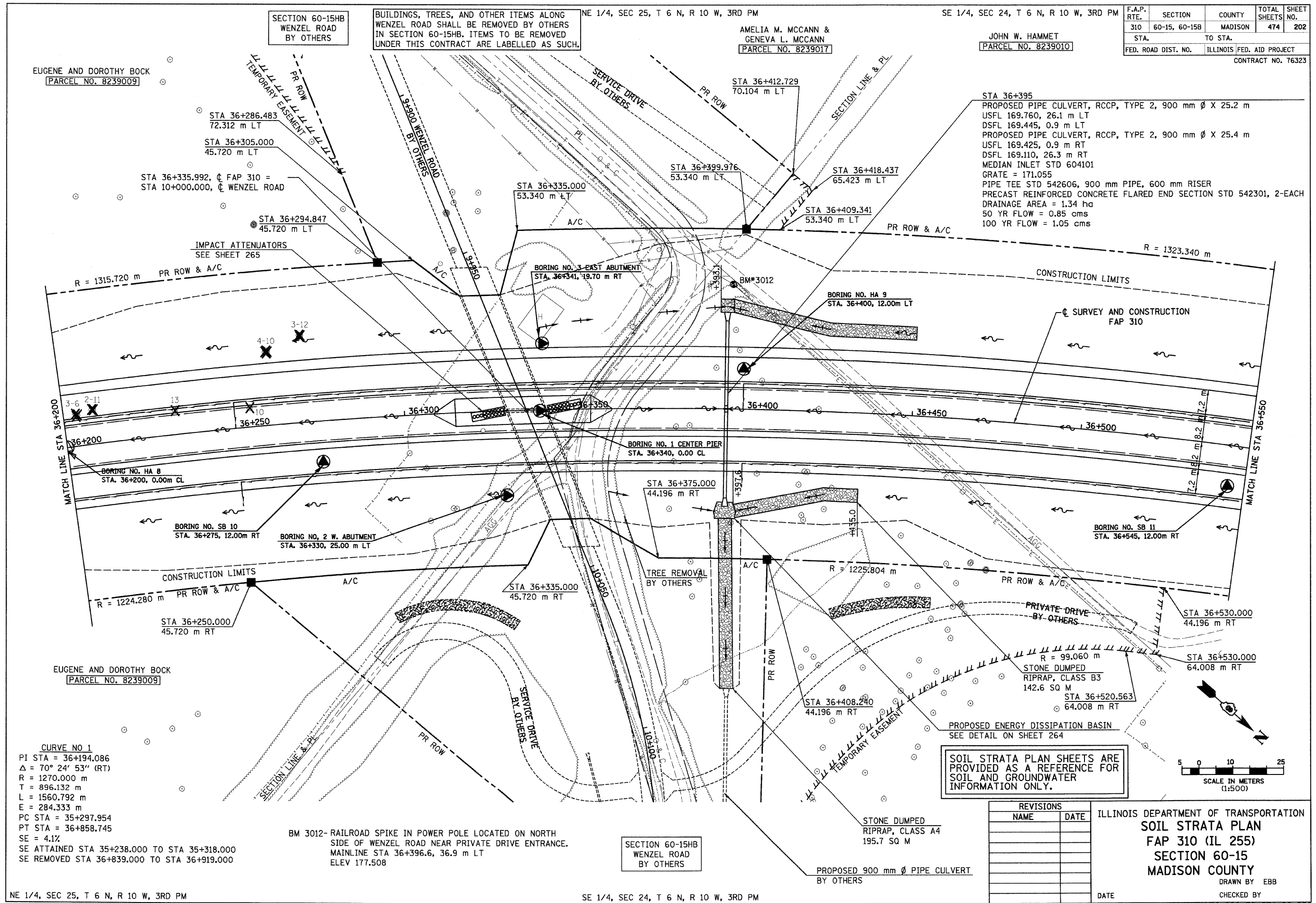


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| 171.685 | 167.703 | 171.343 | 167.903 | 169.291 | 168.103 | 166.436 | 168.303 | 166.817 | 168.503 | 166.049 | 168.703 | 170.580 | 168.904 | 170.183 | 169.104 | 166.835 | 169.304 | 166.856 | 169.504 | 167.786 | 169.704 | 168.760 | 169.904 | 169.712 | 170.105 | 170.627 | 170.305 | 171.262 | 170.305 |
| 35+850 | | 35+900 | | | | 35+950 | | | | 36+000 | | | | 36+050 | | | | 36+100 | | | | 36+150 | | | | 36+200 | | | |

IL 255 (FAP 310), STA 35+850 TO STA 36+200

6/28/2007

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SECTION 60-15HB
WENZEL ROAD
BY OTHERS

BUILDINGS, TREES, AND OTHER ITEMS ALONG
WENZEL ROAD SHALL BE REMOVED BY OTHERS
IN SECTION 60-15HB. ITEMS TO BE REMOVED
UNDER THIS CONTRACT ARE LABELLED AS SUCH.

NE 1/4, SEC 25, T 6 N, R 10 W, 3RD PM

AMELIA M. MCCANN &
GENEVA L. MCCANN
[PARCEL NO. 8239017]

SE 1/4, SEC 24, T 6 N, R 10 W, 3RD PM

JOHN W. HAMMET
[PARCEL NO. 8239010]

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|---------------------|---------------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15, 60-15B | MADISON | 474 | 202 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |

EUGENE AND DOROTHY BOCK
[PARCEL NO. 8239009]

STA 36+286.483
72.312 m LT

STA 36+305.000
45.720 m LT

STA 36+335.992, C FAP 310 =
STA 10+000.000, C WENZEL ROAD

STA 36+294.847
45.720 m LT

IMPACT ATTENUATORS
SEE SHEET 265

R = 1315.720 m PR ROW & A/C

STA 36+335.000
53.340 m LT

STA 36+399.976
53.340 m LT

STA 36+418.437
65.423 m LT

STA 36+409.341
53.340 m LT

PR ROW & A/C

STA 36+395
 PROPOSED PIPE CULVERT, RCCP, TYPE 2, 900 mm ϕ X 25.2 m
 USFL 169.760, 26.1 m LT
 DSFL 169.445, 0.9 m LT
 PROPOSED PIPE CULVERT, RCCP, TYPE 2, 900 mm ϕ X 25.4 m
 USFL 169.425, 0.9 m RT
 DSFL 169.110, 26.3 m RT
 MEDIAN INLET STD 604101
 GRATE = 171.055
 PIPE TEE STD 542606, 900 mm PIPE, 600 mm RISER
 PRECAST REINFORCED CONCRETE FLARED END SECTION STD 542301, 2-EACH
 DRAINAGE AREA = 1.34 ha
 50 YR FLOW = 0.85 cms
 100 YR FLOW = 1.05 cms

R = 1323.340 m

CONSTRUCTION LIMITS

C SURVEY AND CONSTRUCTION
FAP 310

MATCH LINE STA 36+200

MATCH LINE STA 36+550

BORING NO. 1 EAST ABUTMENT
STA. 36+341, 19.70 m RT

BORING NO. HA 9
STA. 36+400, 12.00m LT

BORING NO. 1 CENTER PIER
STA. 36+340, 0.00 CL

BORING NO. HA B
STA. 36+200, 0.00m CL

BORING NO. SB 10
STA. 36+275, 12.00m RT

BORING NO. 2 W. ABUTMENT
STA. 36+330, 25.00 m LT

BORING NO. SB 11
STA. 36+545, 12.00m RT

CONSTRUCTION LIMITS

R = 1224.280 m PR ROW & A/C

STA 36+375.000
44.196 m RT

STA 36+335.000
45.720 m RT

TREE REMOVAL
BY OTHERS

R = 1225.804 m

PR ROW & A/C

PRIVATE DRIVE
BY OTHERS

STA 36+530.000
44.196 m RT

EUGENE AND DOROTHY BOCK
[PARCEL NO. 8239009]

CURVE NO 1
 PI STA = 36+194.086
 $\Delta = 70^\circ 24' 53''$ (RT)
 R = 1270.000 m
 T = 896.132 m
 L = 1560.792 m
 E = 284.333 m
 PC STA = 35+297.954
 PT STA = 36+858.745
 SE = 4.1%
 SE ATTAINED STA 35+238.000 TO STA 35+318.000
 SE REMOVED STA 36+839.000 TO STA 36+919.000

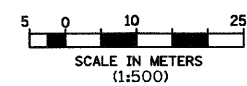
BM 3012- RAILROAD SPIKE IN POWER POLE LOCATED ON NORTH
SIDE OF WENZEL ROAD NEAR PRIVATE DRIVE ENTRANCE.
MAINLINE STA 36+396.6, 36.9 m LT
ELEV 177.508

SECTION 60-15HB
WENZEL ROAD
BY OTHERS

STONE DUMPED
RIPRAP, CLASS A4
195.7 SQ M

PROPOSED 900 mm ϕ PIPE CULVERT
BY OTHERS

SOIL STRATA PLAN SHEETS ARE
PROVIDED AS A REFERENCE FOR
SOIL AND GROUNDWATER
INFORMATION ONLY.



| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL STRATA PLAN
 FAP 310 (IL 255)
 SECTION 60-15
 MADISON COUNTY

DRAWN BY EBB
 CHECKED BY
 DATE

NE 1/4, SEC 25, T 6 N, R 10 W, 3RD PM

SE 1/4, SEC 24, T 6 N, R 10 W, 3RD PM

IL 255 (FAP 310), STA 36+200 TO STA 36+550

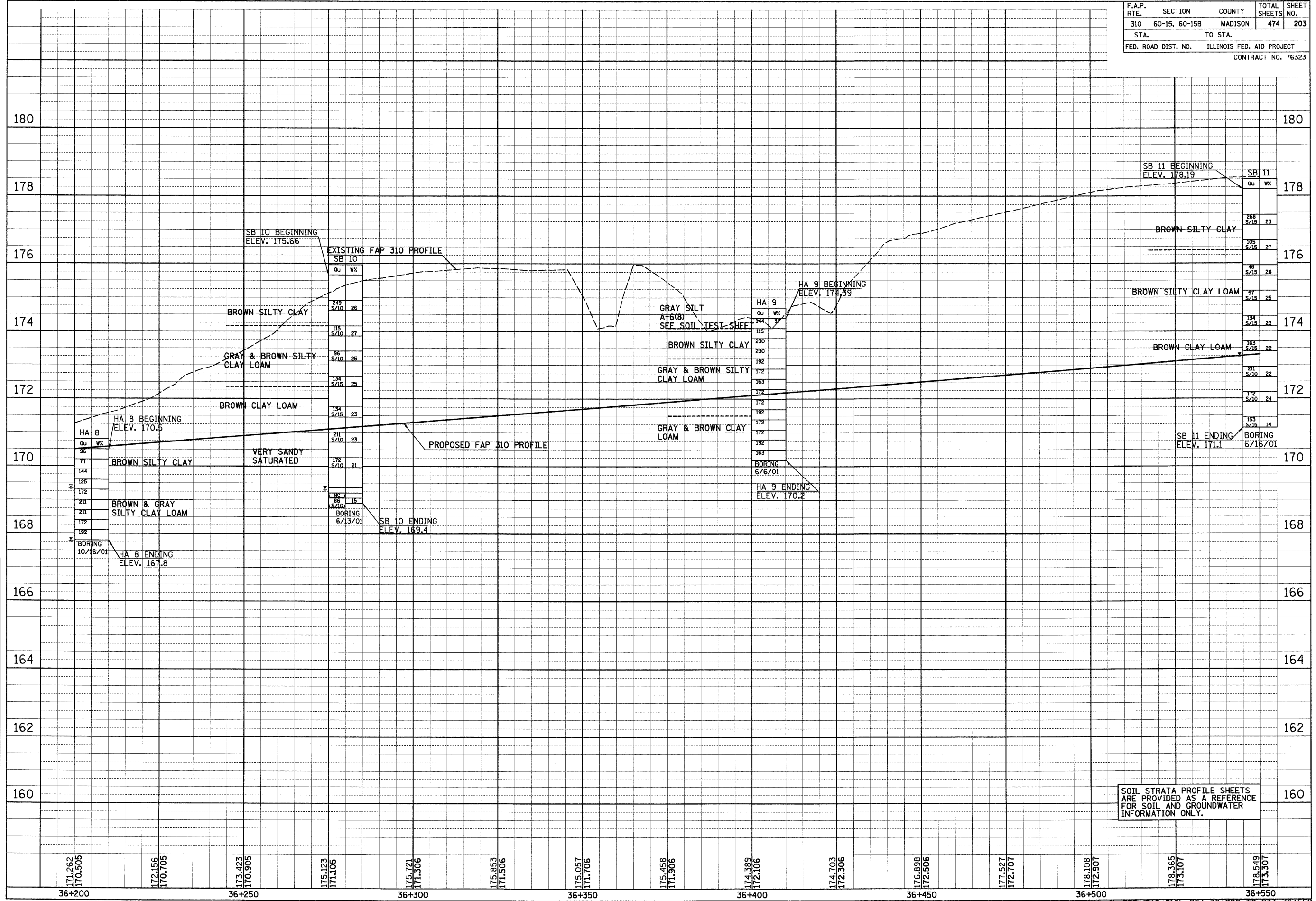
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| SURVEY PLOTTED | | |
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15, 60-15B | MADISON | 474 | 203 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | |
| CONTRACT NO. 76323 | | | | |

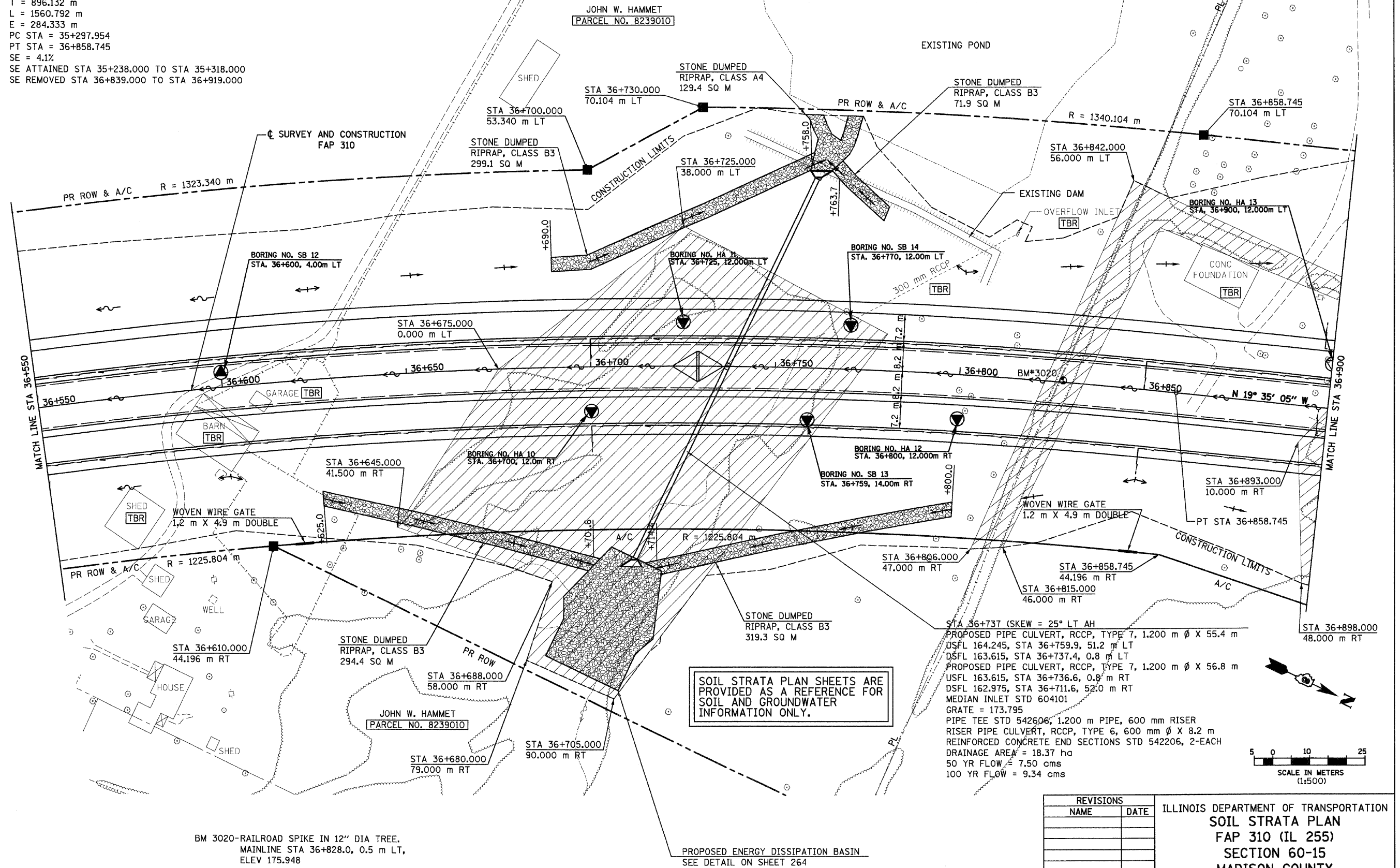


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SE 1/4, SEC 24, T 6 N, R 10 W, 3RD PM

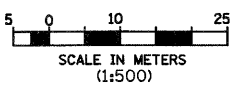
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------------|---------------------------|--------------|-----------|
| 310 | 60-15, 60-15B | MADISON | 474 | 204 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |

CURVE NO 1
 PI STA = 36+194.086
 $\Delta = 70^\circ 24' 53''$ (RT)
 R = 1270.000 m
 T = 896.132 m
 L = 1560.792 m
 E = 284.333 m
 PC STA = 35+297.954
 PT STA = 36+858.745
 SE = 4.1%
 SE ATTAINED STA 35+238.000 TO STA 35+318.000
 SE REMOVED STA 36+839.000 TO STA 36+919.000



SOIL STRATA PLAN SHEETS ARE PROVIDED AS A REFERENCE FOR SOIL AND GROUNDWATER INFORMATION ONLY.

STA 36+737 (SKEW = 25° LT AH)
 PROPOSED PIPE CULVERT, RCCP, TYPE 7, 1,200 m Ø X 55.4 m
 USFL 164.245, STA 36+759.9, 51.2 m LT
 DSFL 163.615, STA 36+737.4, 0.8 m LT
 PROPOSED PIPE CULVERT, RCCP, TYPE 7, 1,200 m Ø X 56.8 m
 USFL 163.615, STA 36+736.6, 0.8 m RT
 DSFL 162.975, STA 36+711.6, 52.0 m RT
 MEDIAN INLET STD 604101
 GRATE = 173.795
 PIPE TEE STD 542606, 1,200 m PIPE, 600 mm RISER
 RISER PIPE CULVERT, RCCP, TYPE 6, 600 mm Ø X 8.2 m
 REINFORCED CONCRETE END SECTIONS STD 542206, 2-EACH
 DRAINAGE AREA = 18.37 ha
 50 YR FLOW = 7.50 cms
 100 YR FLOW = 9.34 cms



BM 3020-RAILROAD SPIKE IN 12" DIA TREE,
 MAINLINE STA 36+828.0, 0.5 m LT,
 ELEV 175.948

PROPOSED ENERGY DISSIPATION BASIN
 SEE DETAIL ON SHEET 264

| REVISIONS | |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL STRATA PLAN
FAP 310 (IL 255)
SECTION 60-15
MADISON COUNTY
 DRAWN BY EBB
 CHECKED BY
 DATE
 IL 255 (FAP 310), STA 36+550 TO STA 36+900

SE 1/4, SEC 24, T 6 N, R 10 W, 3RD PM

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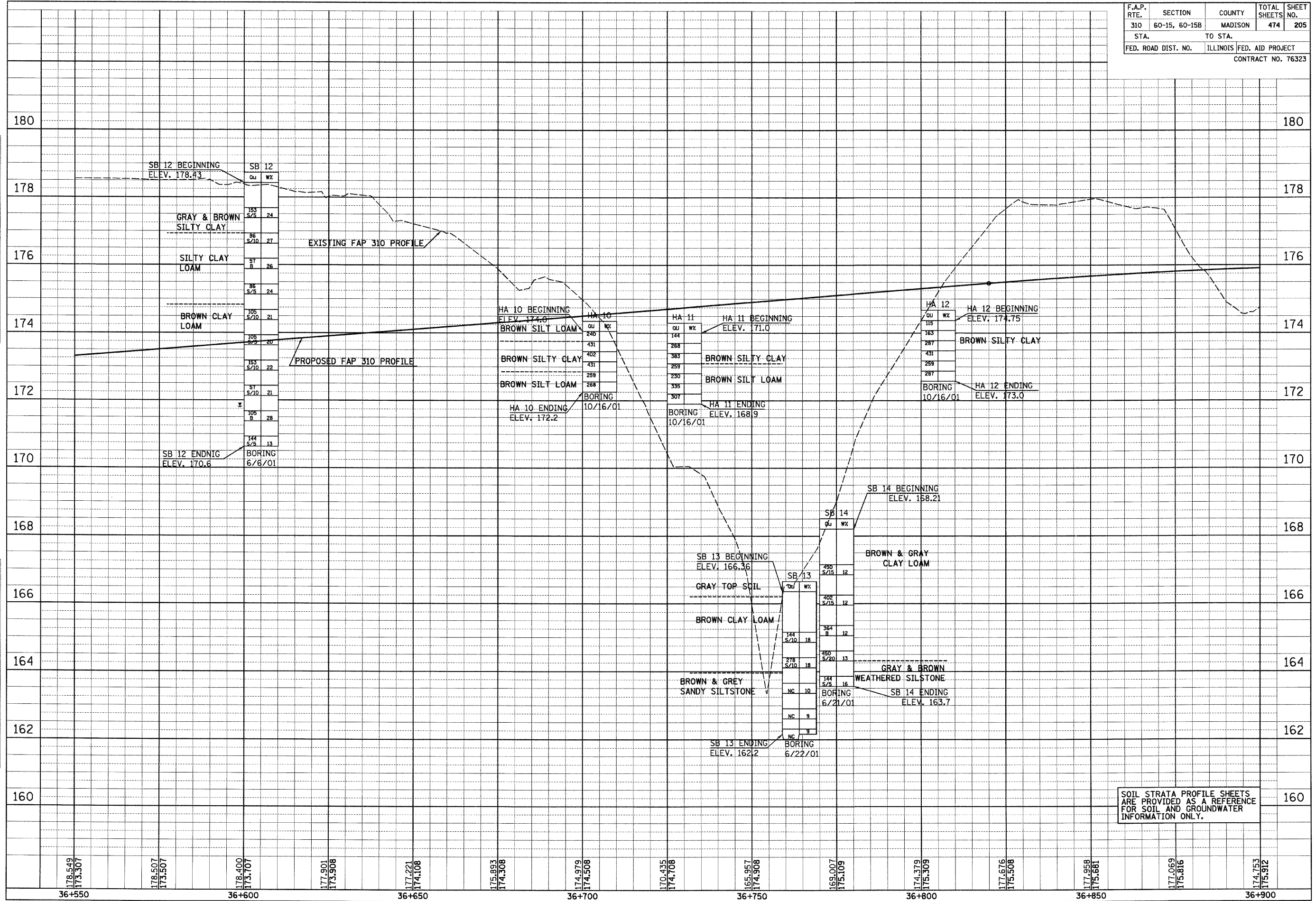
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15, 60-15B | MADISON | 474 | 205 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |



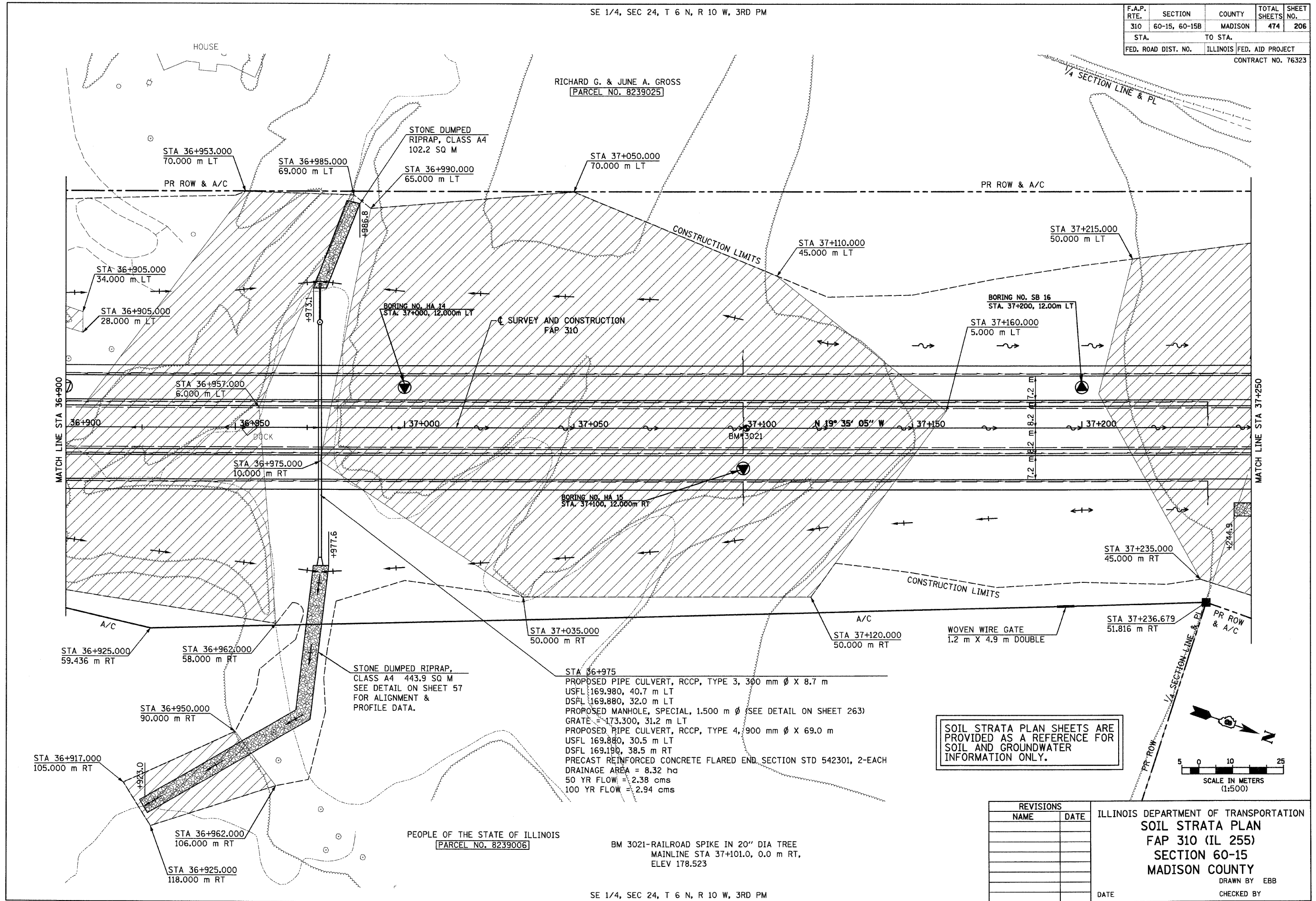
SOIL STRATA PROFILE SHEETS ARE PROVIDED AS A REFERENCE FOR SOIL AND GROUNDWATER INFORMATION ONLY.

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| 178.549 178.507 173.307 | 178.507 173.507 | 178.400 173.707 | 177.901 173.908 | 177.221 174.108 | 175.893 174.308 | 174.979 174.508 | 170.435 174.708 | 165.957 174.508 | 169.007 175.109 | 174.379 175.309 | 177.676 175.508 | 177.958 175.681 | 177.069 175.816 | 174.753 175.912 |
| 36+550 | 36+600 | 36+650 | 36+700 | 36+750 | 36+800 | 36+850 | 36+900 | | | | | | | |

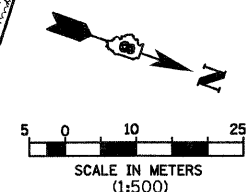
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SE 1/4, SEC 24, T 6 N, R 10 W, 3RD PM

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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15, 60-15B | MADISON | 474 | 206 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |



SOIL STRATA PLAN SHEETS ARE PROVIDED AS A REFERENCE FOR SOIL AND GROUNDWATER INFORMATION ONLY.



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ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL STRATA PLAN
FAP 310 (IL 255)
SECTION 60-15
MADISON COUNTY
 DRAWN BY EBB
 CHECKED BY
 DATE

PEOPLE OF THE STATE OF ILLINOIS
 [PARCEL NO. 8239006]

BM 3021-RAILROAD SPIKE IN 20" DIA TREE
 MAINLINE STA 37+101.0, 0.0 m RT,
 ELEV 178.523

SE 1/4, SEC 24, T 6 N, R 10 W, 3RD PM

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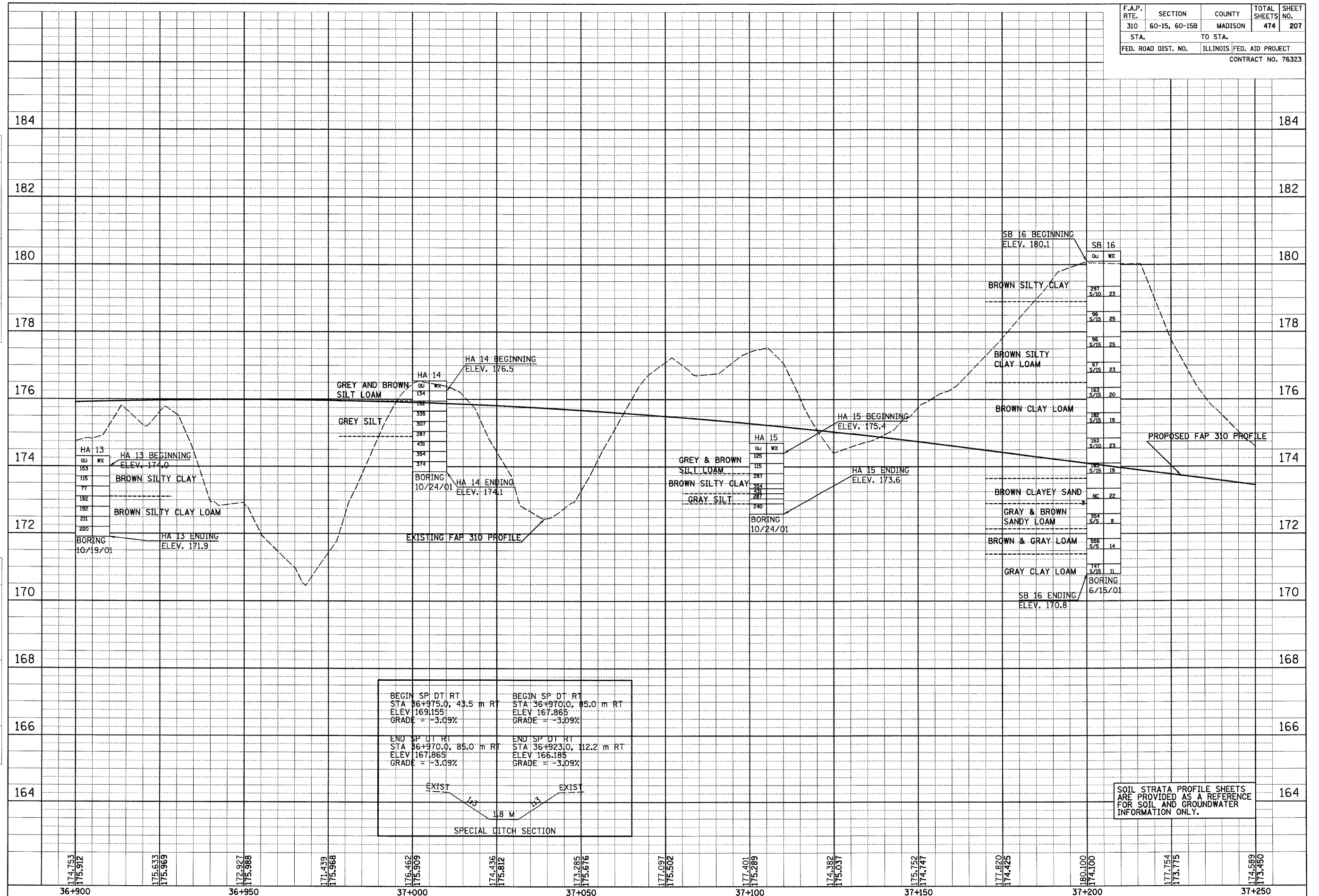
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| SURVEY PLOTTED | | |
| NOTE BOOK TEMPLATE | | |
| NO. AREAS CHECKED | | |

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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15, 60-15B | MADISON | 474 | 207 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |



| | |
|-------------------------|--------------------------|
| BEGIN SP DT RT | BEGIN SP DT RT |
| STA 36+975.0, 43.5 m RT | STA 36+970.0, 85.0 m RT |
| ELEV 169.155 | ELEV 167.865 |
| GRADE = -3.09% | GRADE = -3.09% |
| END SP DT RT | END SP DT RT |
| STA 36+970.0, 85.0 m RT | STA 36+923.0, 112.2 m RT |
| ELEV 167.865 | ELEV 166.185 |
| GRADE = -3.09% | GRADE = -3.09% |

EXIST 1.8 M EXIST

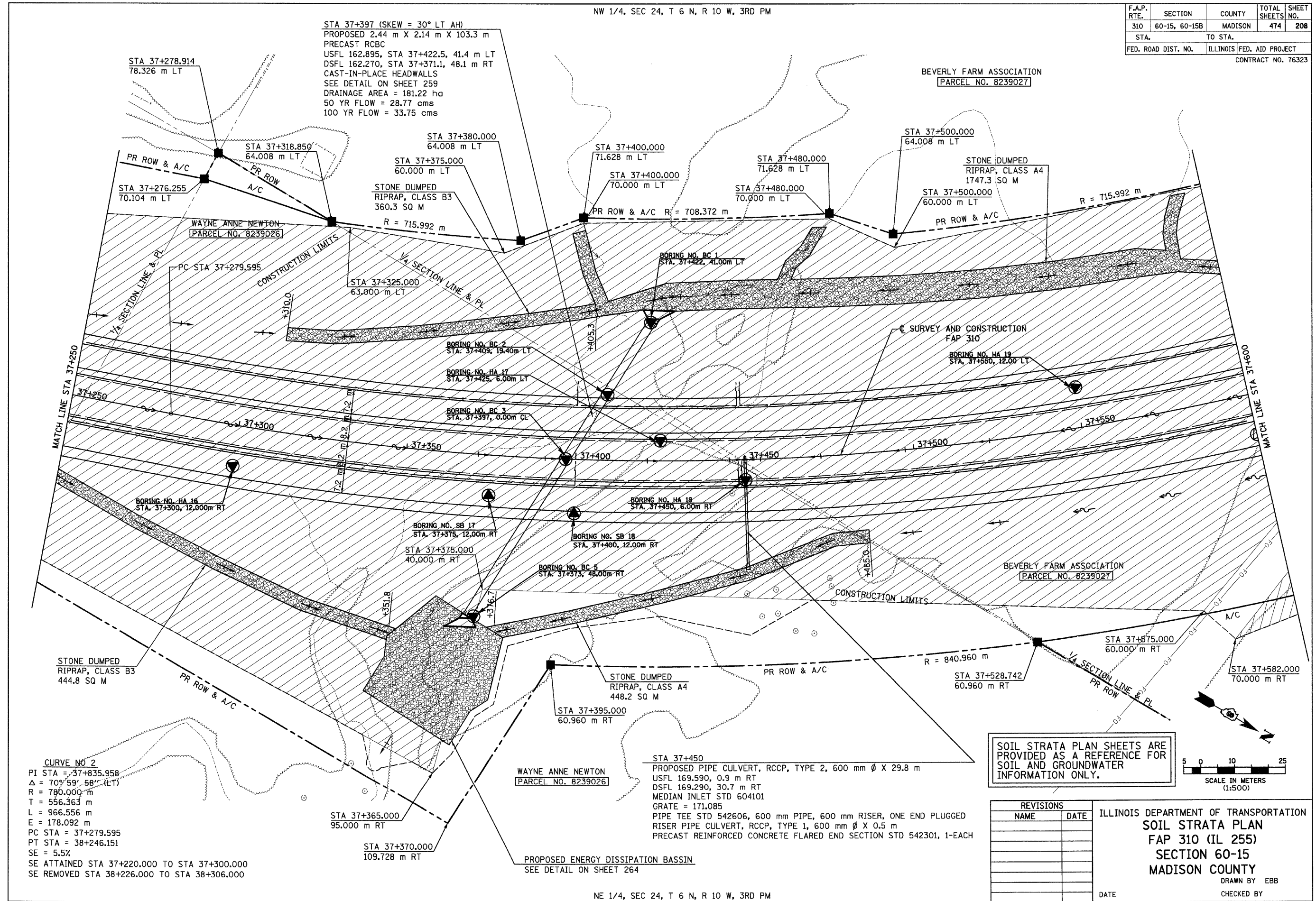
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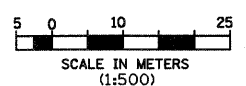
6/28/2007

NW 1/4, SEC 24, T 6 N, R 10 W, 3RD PM

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------------|---------------------------|--------------|-----------|
| 310 | 60-15, 60-15B | MADISON | 474 | 208 |
| STA. TO STA. | | ILLINOIS FED. AID PROJECT | | |
| FED. ROAD DIST. NO. | | CONTRACT NO. 76323 | | |



SOIL STRATA PLAN SHEETS ARE PROVIDED AS A REFERENCE FOR SOIL AND GROUNDWATER INFORMATION ONLY.



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ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL STRATA PLAN
FAP 310 (IL 255)
SECTION 60-15
MADISON COUNTY
 DRAWN BY EBB
 CHECKED BY

DATE
 IL 255 (FAP 310), STA 37+250 TO STA 37+600

NE 1/4, SEC 24, T 6 N, R 10 W, 3RD PM

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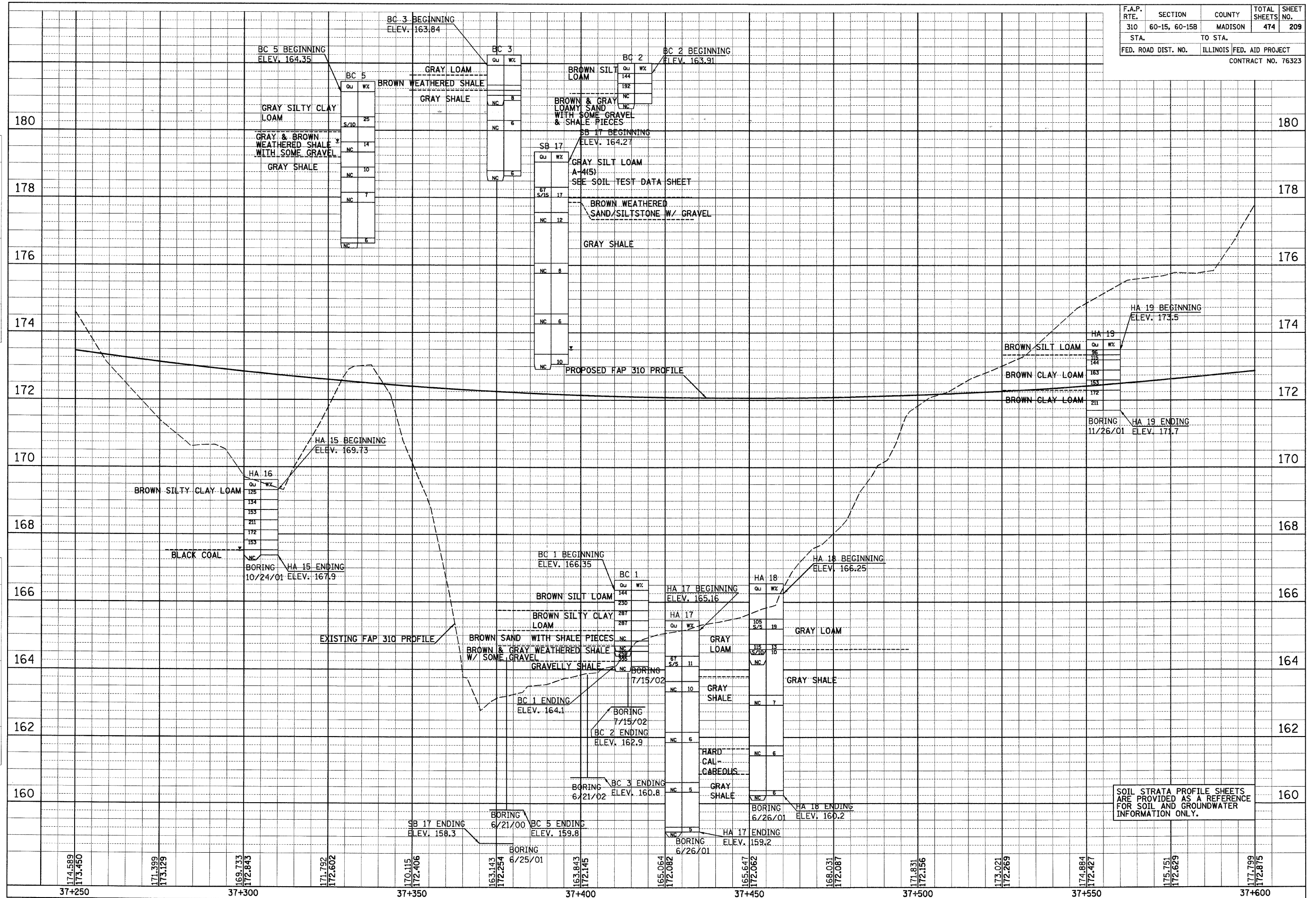
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15, 60-15B | MADISON | 474 | 209 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | |
| CONTRACT NO. 76323 | | | | |

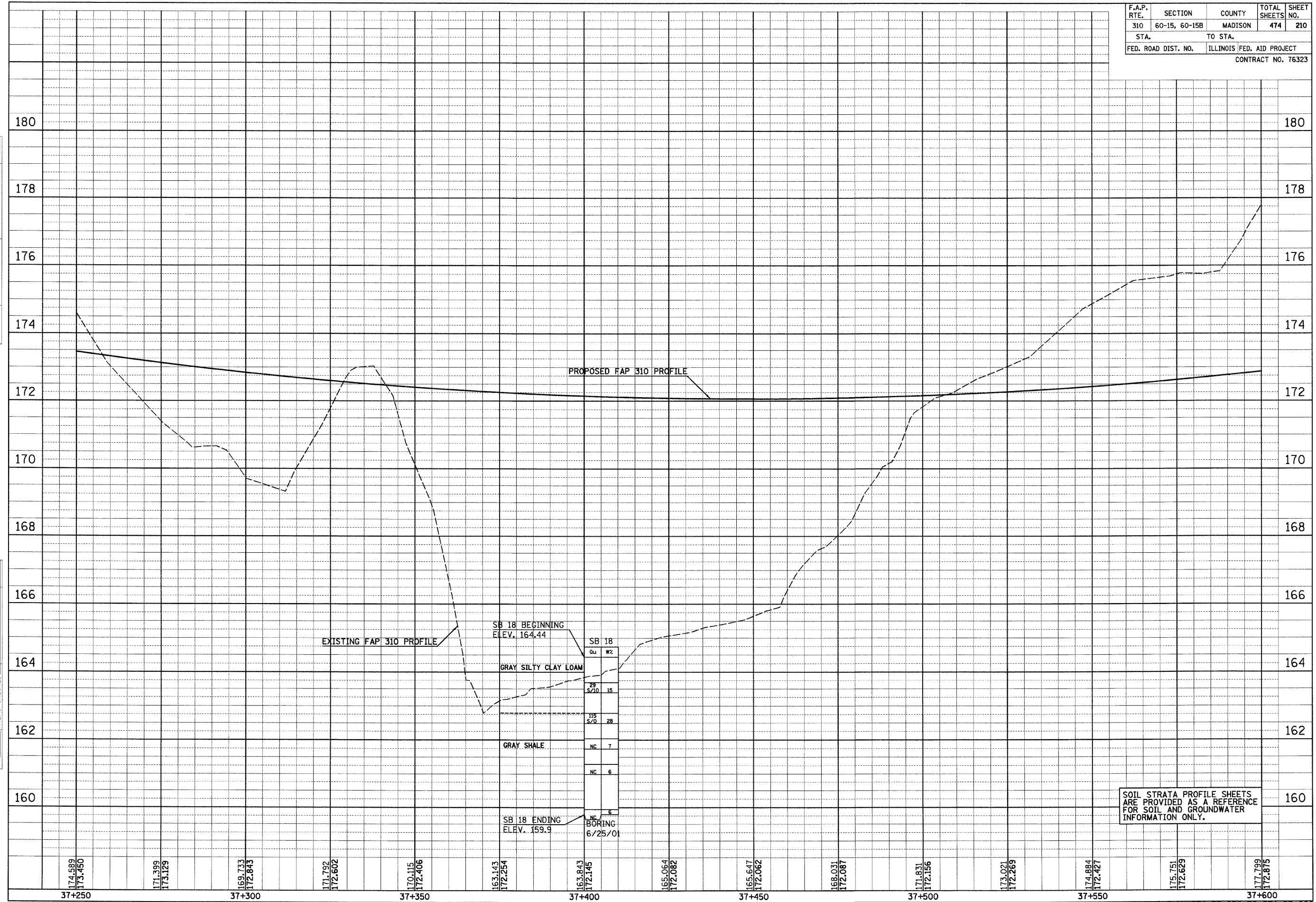


SOIL STRATA PROFILE SHEETS ARE PROVIDED AS A REFERENCE FOR SOIL AND GROUNDWATER INFORMATION ONLY.

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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15, 60-15B | MADISON | 474 | 210 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |

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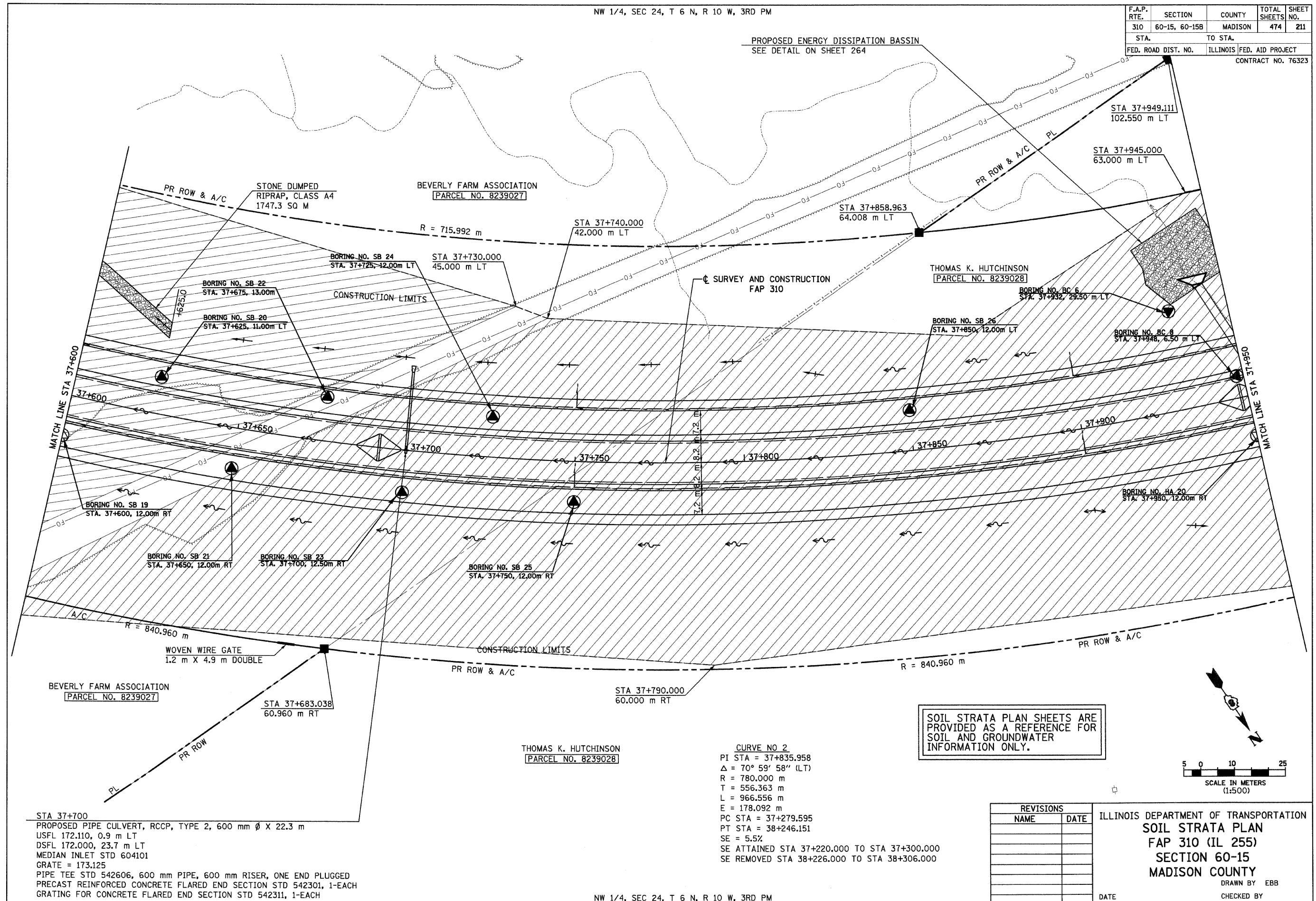


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|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 174.589 | 171.399 | 169.733 | 171.792 | 170.115 | 163.143 | 163.843 | 165.064 | 165.647 | 168.031 | 171.831 | 173.021 | 174.884 | 175.751 | 177.799 |
| 173.450 | 173.129 | 172.843 | 172.602 | 172.406 | 172.254 | 172.145 | 172.082 | 172.062 | 172.087 | 172.156 | 172.269 | 172.427 | 172.629 | 172.875 |
| 37+250 | 37+300 | | | 37+350 | | 37+400 | | 37+450 | | 37+500 | | 37+550 | | 37+600 |

6/28/2007

NW 1/4, SEC 24, T 6 N, R 10 W, 3RD PM

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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS NO. | SHEET NO. |
| 310 | 60-15, 60-15B | MADISON | 474 | 211 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |

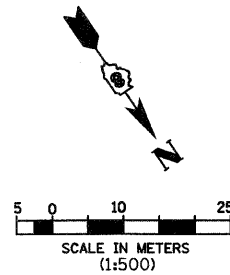


STA 37+700
 PROPOSED PIPE CULVERT, RCCP, TYPE 2, 600 mm Ø X 22.3 m
 USFL 172.110, 0.9 m LT
 DSFL 172.000, 23.7 m LT
 MEDIAN INLET STD 604101
 GRATE = 173.125
 PIPE TEE STD 542606, 600 mm PIPE, 600 mm RISER, ONE END PLUGGED
 PRECAST REINFORCED CONCRETE FLARED END SECTION STD 542301, 1-EACH
 GRATING FOR CONCRETE FLARED END SECTION STD 542311, 1-EACH

THOMAS K. HUTCHINSON
 [PARCEL NO. 8239028]

CURVE NO 2
 PI STA = 37+835.958
 Δ = 70° 59' 58" (LT)
 R = 780.000 m
 T = 556.363 m
 L = 966.556 m
 E = 178.092 m
 PC STA = 37+279.595
 PT STA = 38+246.151
 SE = 5.5%
 SE ATTAINED STA 37+220.000 TO STA 37+300.000
 SE REMOVED STA 38+226.000 TO STA 38+306.000

SOIL STRATA PLAN SHEETS ARE PROVIDED AS A REFERENCE FOR SOIL AND GROUNDWATER INFORMATION ONLY.



| REVISIONS | |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
 SOIL STRATA PLAN
 FAP 310 (IL 255)
 SECTION 60-15
 MADISON COUNTY
 DRAWN BY EBB
 CHECKED BY
 DATE
 IL 255 (FAP 310), STA 37+600 TO STA 37+950

NW 1/4, SEC 24, T 6 N, R 10 W, 3RD PM

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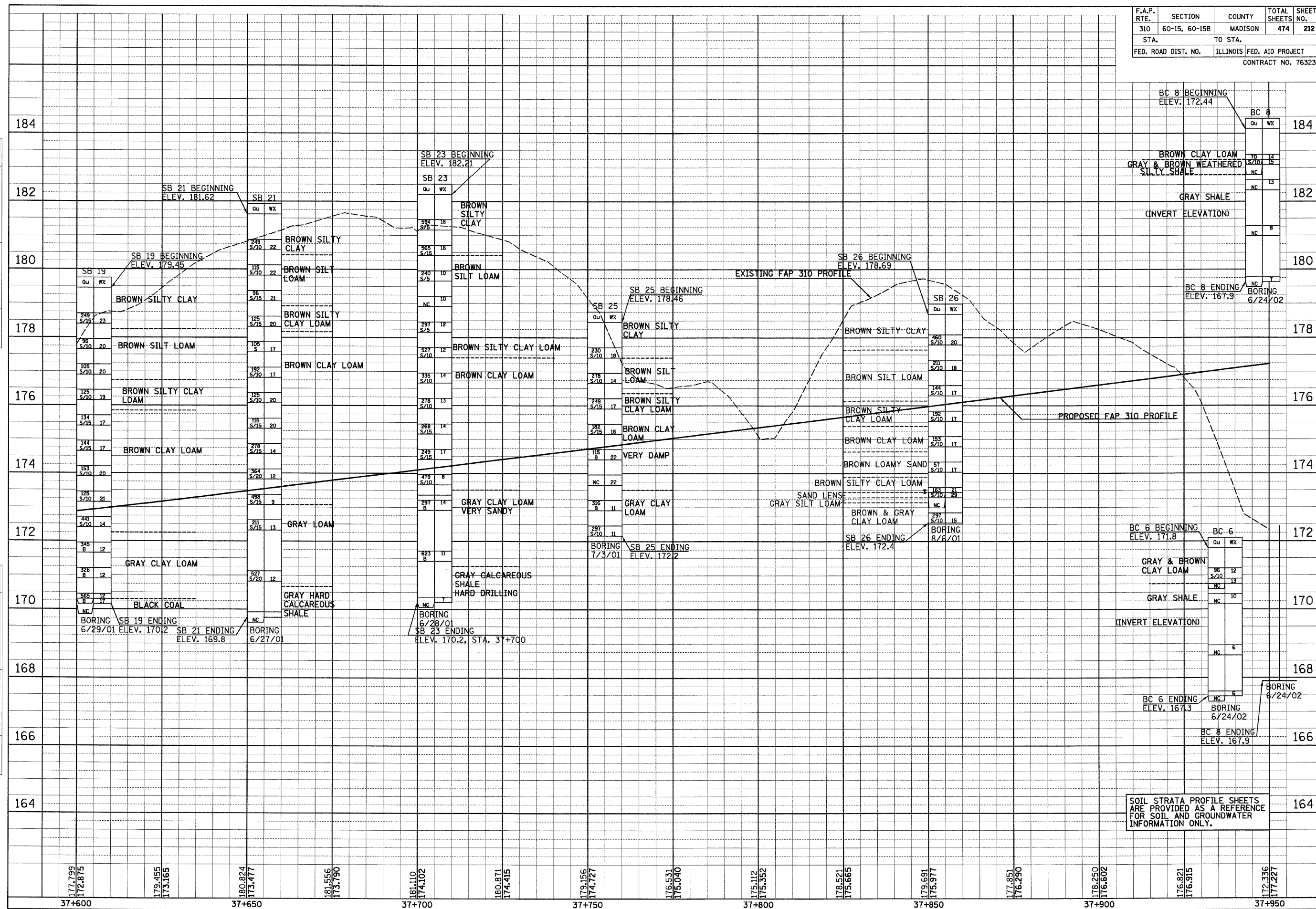
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|---------------------|---------------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15, 60-15B | MADISON | 474 | 212 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |

| | |
|----------------------|-------|
| FINAL SURVEY PLOTTED | DATE |
| NO. _____ | _____ |
| BY _____ | _____ |
| NO. _____ | _____ |
| BY _____ | _____ |
| NO. _____ | _____ |
| BY _____ | _____ |
| NO. _____ | _____ |
| BY _____ | _____ |
| NO. _____ | _____ |

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|-------------------------|-------|
| ORIGINAL SURVEY PLOTTED | DATE |
| NO. _____ | _____ |
| BY _____ | _____ |
| NO. _____ | _____ |
| BY _____ | _____ |
| NO. _____ | _____ |
| BY _____ | _____ |
| NO. _____ | _____ |
| BY _____ | _____ |
| NO. _____ | _____ |

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SOIL STRATA PROFILE SHEETS ARE PROVIDED AS A REFERENCE FOR SOIL AND GROUNDWATER INFORMATION ONLY.

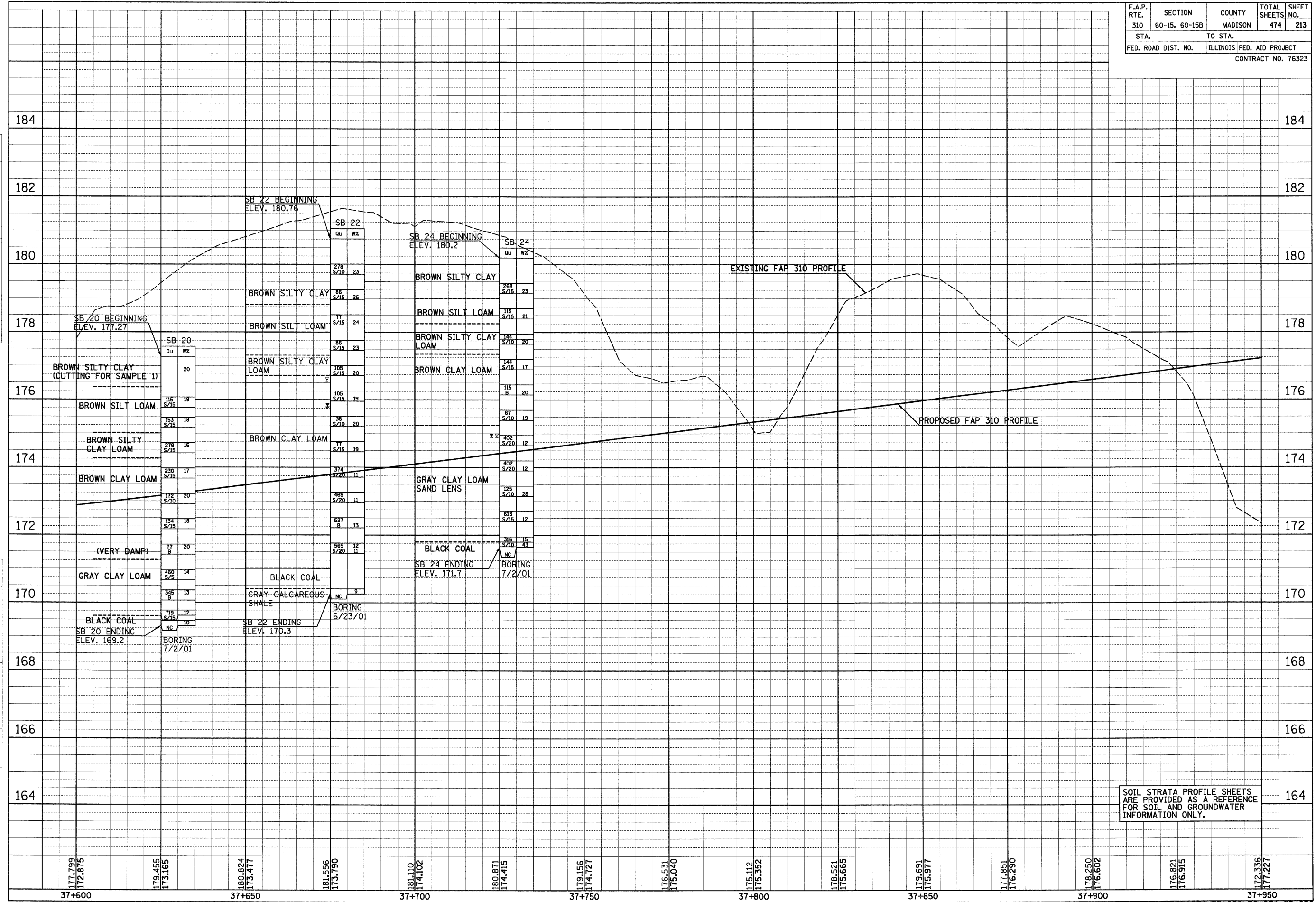
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|--------------------|------|
| BY | DATE |
| | |
| FINAL SURVEYED | |
| SURVEY PLOTTED | |
| NOTE BOOK TEMPLATE | |
| AREAS CHECKED | |
| NO. | |

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

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|---------------------|---------------------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15, 60-15B | MADISON | 474 | 213 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | |
| CONTRACT NO. 76323 | | | | |



SOIL STRATA PROFILE SHEETS
ARE PROVIDED AS A REFERENCE
FOR SOIL AND GROUNDWATER
INFORMATION ONLY.

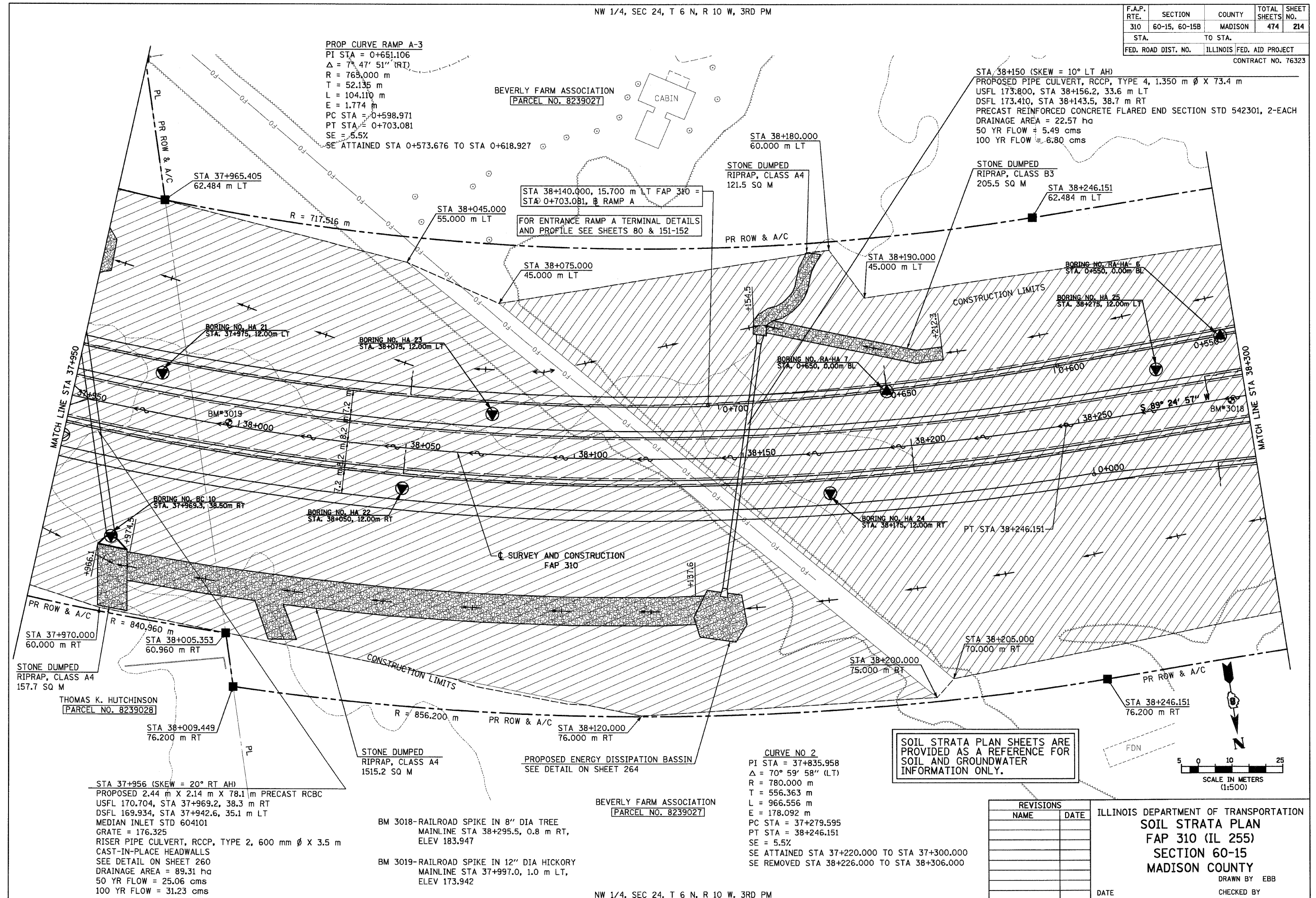
37+600 37+650 37+700 37+750 37+800 37+850 37+900 37+950

IL 255 (FAP 310), STA 37+600 TO STA 37+950

6/28/2007

NW 1/4, SEC 24, T 6 N, R 10 W, 3RD PM

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS NO. | SHEET NO. |
|---------------------|---------------|---------------------------|------------------|-----------|
| 310 | 60-15, 60-15B | MADISON | 474 | 214 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |



PROP CURVE RAMP A-3
 PI STA = 0+651.106
 $\Delta = 7^\circ 47' 51''$ (RT)
 R = 763.000 m
 T = 52.135 m
 L = 104.110 m
 E = 1.774 m
 PC STA = 0+598.971
 PT STA = 0+703.081
 SE = 5.5%
 SE ATTAINED STA 0+573.676 TO STA 0+618.927

STA 38+150 (SKEW = 10° LT AH)
 PROPOSED PIPE CULVERT, RCCP, TYPE 4, 1.350 m ϕ X 73.4 m
 USFL 173.800, STA 38+156.2, 33.6 m LT
 DSFL 173.410, STA 38+143.5, 38.7 m RT
 PRECAST REINFORCED CONCRETE FLARED END SECTION STD 542301, 2-EACH
 DRAINAGE AREA = 22.57 ha
 50 YR FLOW = 5.49 cms
 100 YR FLOW = 6.80 cms

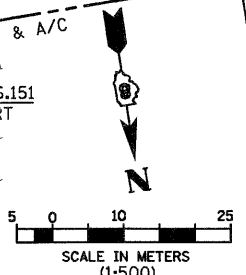
STONE DUMPED RIPRAP, CLASS A4
 157.7 SQ M
 THOMAS K. HUTCHINSON
 [PARCEL NO. 8239028]

STONE DUMPED RIPRAP, CLASS A4
 1515.2 SQ M

PROPOSED ENERGY DISSIPATION BASSIN
 SEE DETAIL ON SHEET 264

CURVE NO 2
 PI STA = 37+835.958
 $\Delta = 70^\circ 59' 58''$ (LT)
 R = 780.000 m
 T = 556.363 m
 L = 966.556 m
 E = 178.092 m
 PC STA = 37+279.595
 PT STA = 38+246.151
 SE = 5.5%
 SE ATTAINED STA 37+220.000 TO STA 37+300.000
 SE REMOVED STA 38+226.000 TO STA 38+306.000

SOIL STRATA PLAN SHEETS ARE PROVIDED AS A REFERENCE FOR SOIL AND GROUNDWATER INFORMATION ONLY.



STA 37+956 (SKEW = 20° RT AH)
 PROPOSED 2.44 m X 2.14 m X 78.1 m PRECAST RCBC
 USFL 170.704, STA 37+969.2, 38.3 m RT
 DSFL 169.934, STA 37+942.6, 35.1 m LT
 MEDIAN INLET STD 604101
 GRATE = 176.325
 RISER PIPE CULVERT, RCCP, TYPE 2, 600 mm ϕ X 3.5 m
 CAST-IN-PLACE HEADWALLS
 SEE DETAIL ON SHEET 260
 DRAINAGE AREA = 89.31 ha
 50 YR FLOW = 25.06 cms
 100 YR FLOW = 31.23 cms

BM 3018-RAILROAD SPIKE IN 8" DIA TREE
 MAINLINE STA 38+295.5, 0.8 m RT,
 ELEV 183.947
 BM 3019-RAILROAD SPIKE IN 12" DIA HICKORY
 MAINLINE STA 37+997.0, 1.0 m LT,
 ELEV 173.942

BEVERLY FARM ASSOCIATION
 [PARCEL NO. 8239027]

| REVISIONS | |
|-----------|------|
| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL STRATA PLAN
FAP 310 (IL 255)
SECTION 60-15
MADISON COUNTY
 DRAWN BY EBB
 CHECKED BY

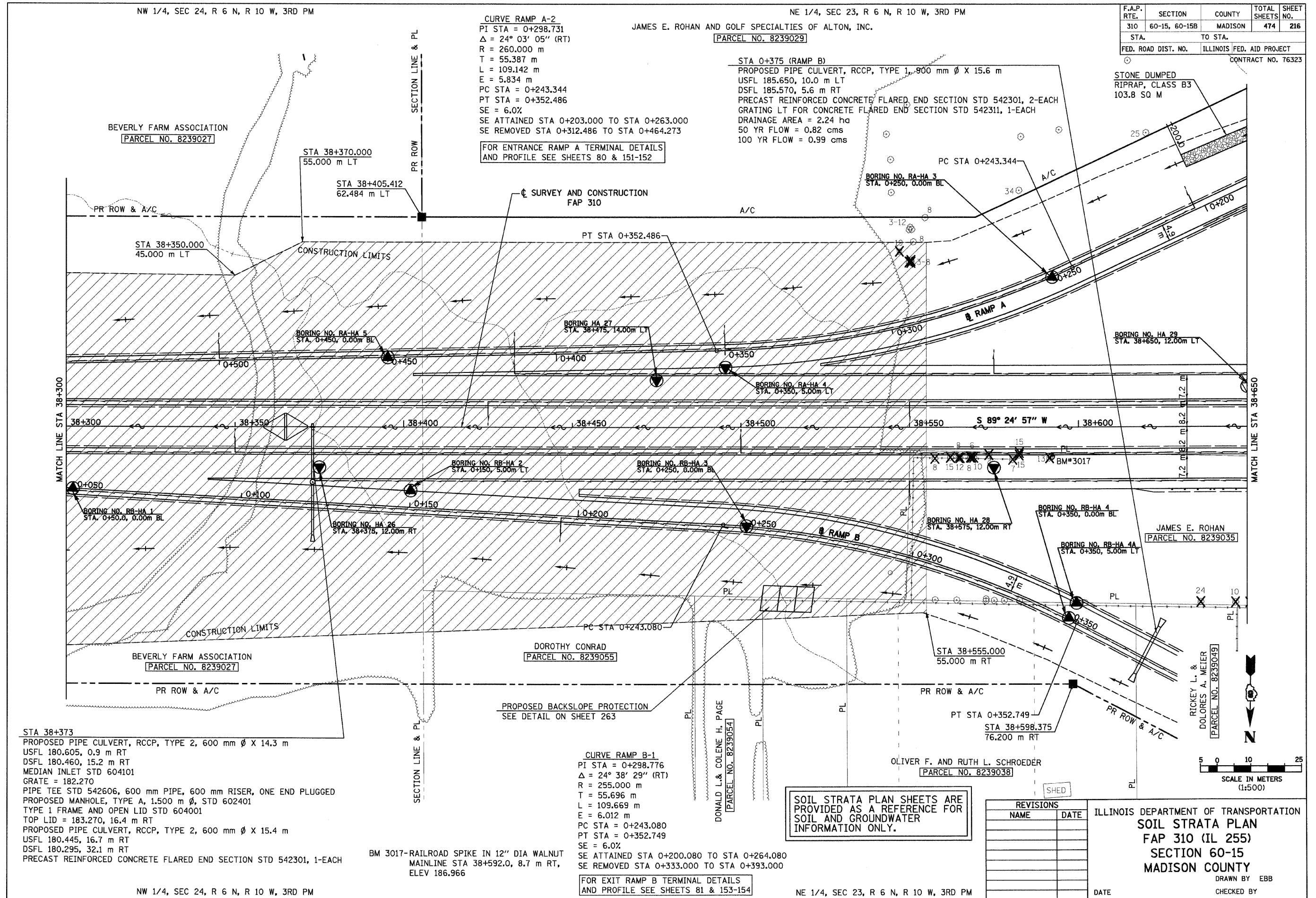
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 IL 255 (FAP 310), STA 37+950 TO STA 38+300

NW 1/4, SEC 24, T 6 N, R 10 W, 3RD PM

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6/28/2007

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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------------------------|---------|--------------|-----------|
| 310 | 60-15, 60-15B | MADISON | 474 | 216 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | |
| | CONTRACT NO. 76323 | | | |

| REVISIONS | |
|-----------|------|
| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL STRATA PLAN
FAP 310 (IL 255)
SECTION 60-15
MADISON COUNTY
 DRAWN BY EBB
 CHECKED BY
 DATE

SOIL STRATA PLAN SHEETS ARE PROVIDED AS A REFERENCE FOR SOIL AND GROUNDWATER INFORMATION ONLY.

IL 255 (FAP 310), STA 38+300 TO STA 38+650

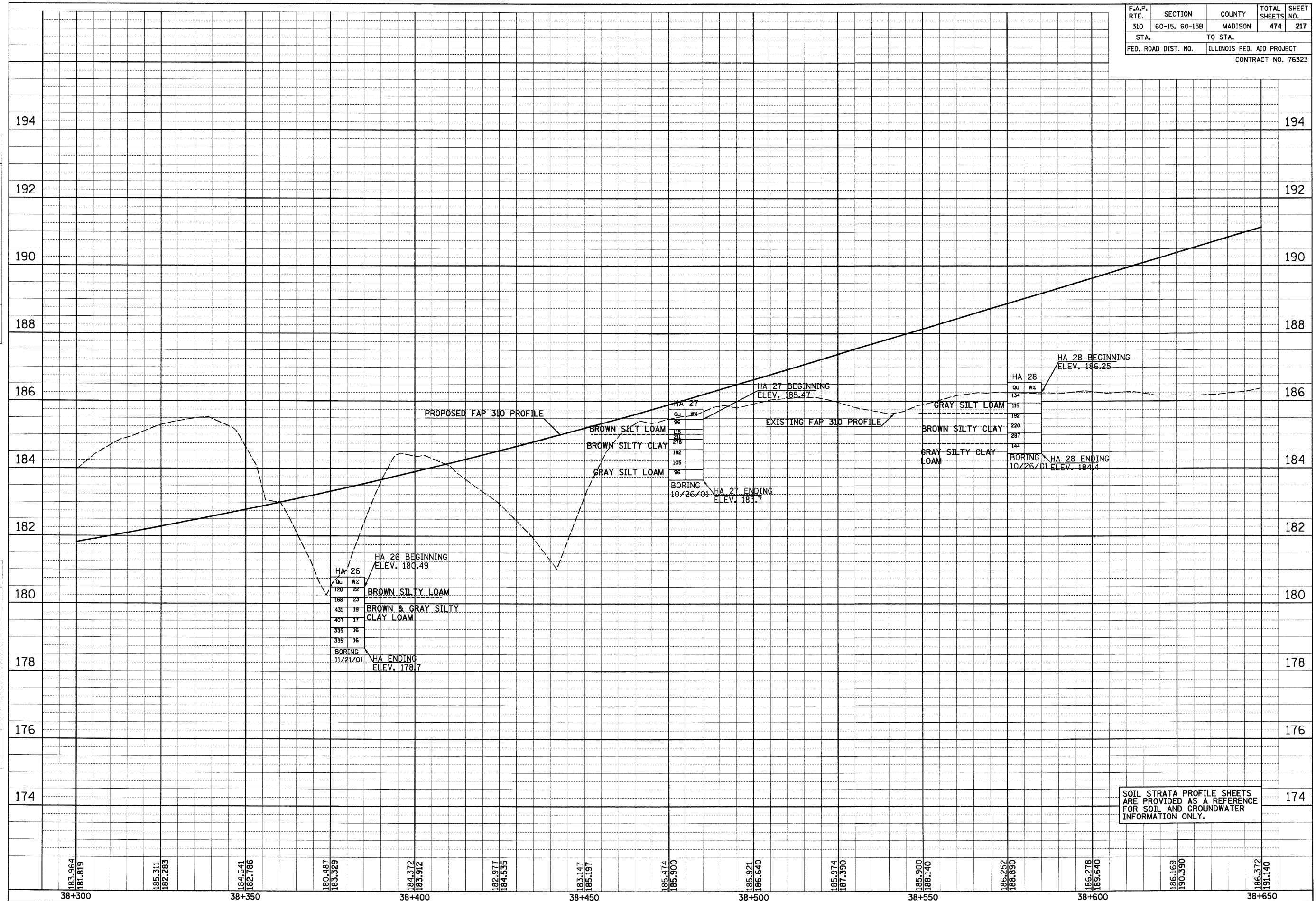
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| FINAL SURVEY | SURVEYED | BY | DATE |
| SURVEY PLOTTED | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS CHECKED | | |

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

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|---------------------|---------------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15, 60-15B | MADISON | 474 | 217 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |



| | | | | | | | | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 183.964 | 185.311 | 184.641 | 180.487 | 184.372 | 182.977 | 183.147 | 185.474 | 186.921 | 185.974 | 185.900 | 186.252 | 186.278 | 186.169 | 186.372 |
| 181.819 | 182.283 | 182.786 | 183.329 | 183.912 | 184.535 | 185.197 | 185.900 | 186.640 | 187.390 | 188.140 | 188.890 | 189.640 | 190.390 | 191.140 |
| 38+300 | | 38+350 | | 38+400 | | 38+450 | | 38+500 | | 38+550 | | 38+600 | | 38+650 |

IL 255 (FAP 310), STA 38+300 TO STA 38+650

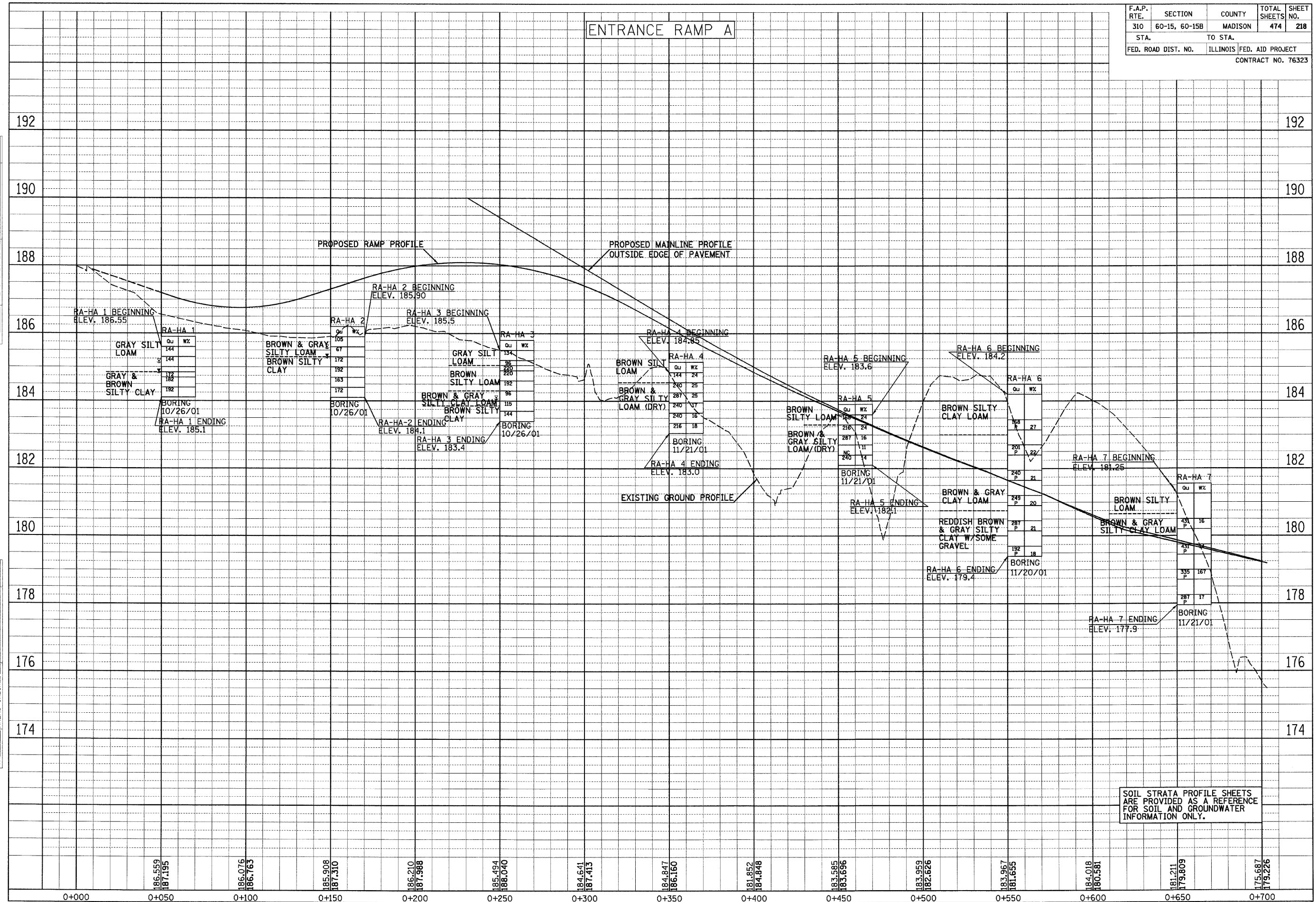
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| FINAL SURVEY PLOTTED | BY | DATE |
| SURVEY PLOTTED | | |
| NOTE BOOK TEMPLATE | | |
| AREAS CHECKED | | |
| NO. | | |

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

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|---------------------|---------------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15, 60-15B | MADISON | 474 | 218 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |



0+000 0+050 0+100 0+150 0+200 0+250 0+300 0+350 0+400 0+450 0+500 0+550 0+600 0+650 0+700

186.559
187.195 186.076
186.763 185.908
187.310 186.210
187.988 185.494
188.040 184.641
187.415 184.847
186.160 181.852
184.848 183.585
185.696 183.959
182.626 183.967
181.655 184.018
180.581 181.211
179.809 175.687
179.226

RAMP A PROFILE SHEET

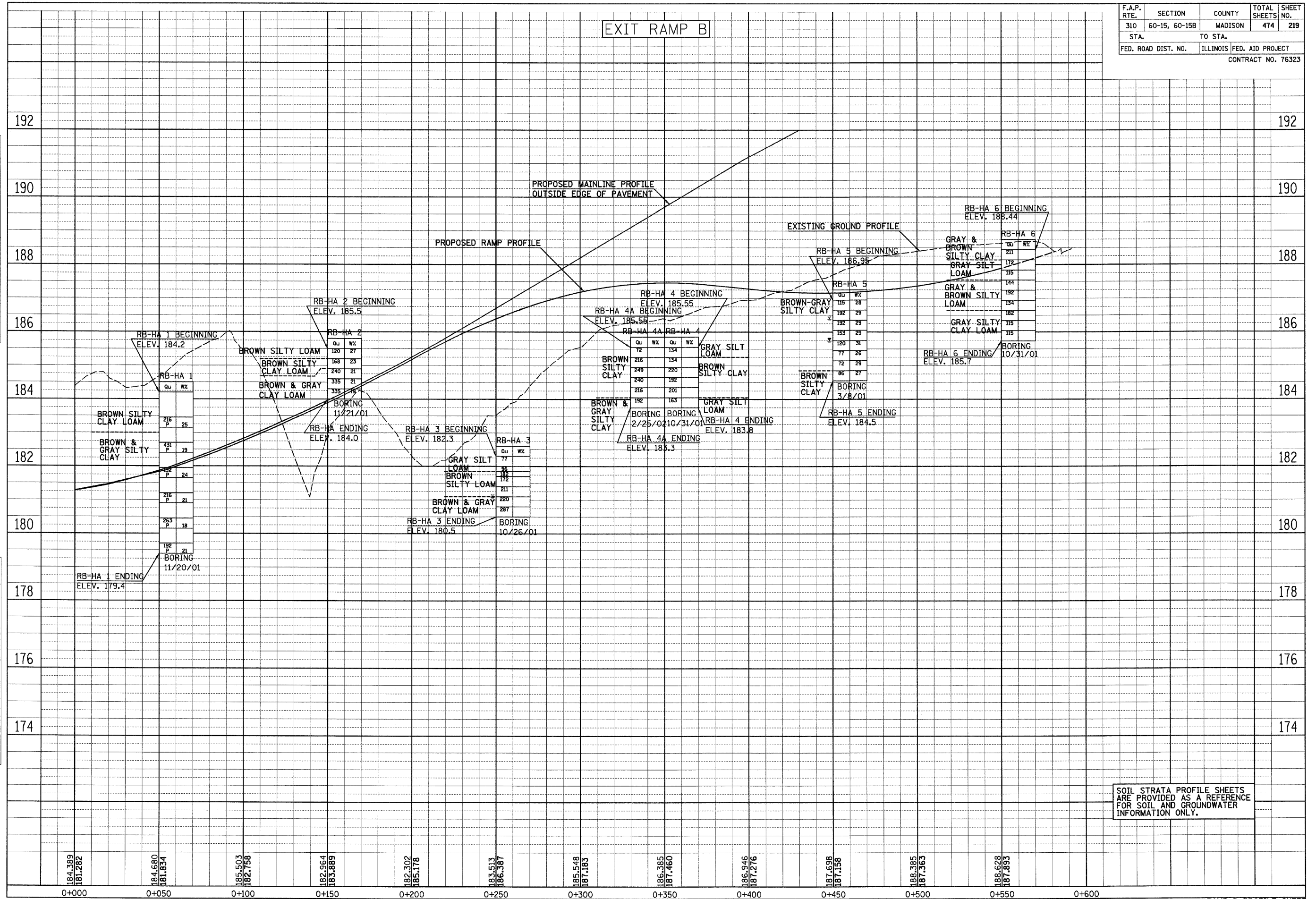
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| FINAL SURVEYED | DATE |
| SURVEY PLOTTED | |
| NOTE BOOK TEMPLATE | |
| AREAS CHECKED | |
| NO. | |

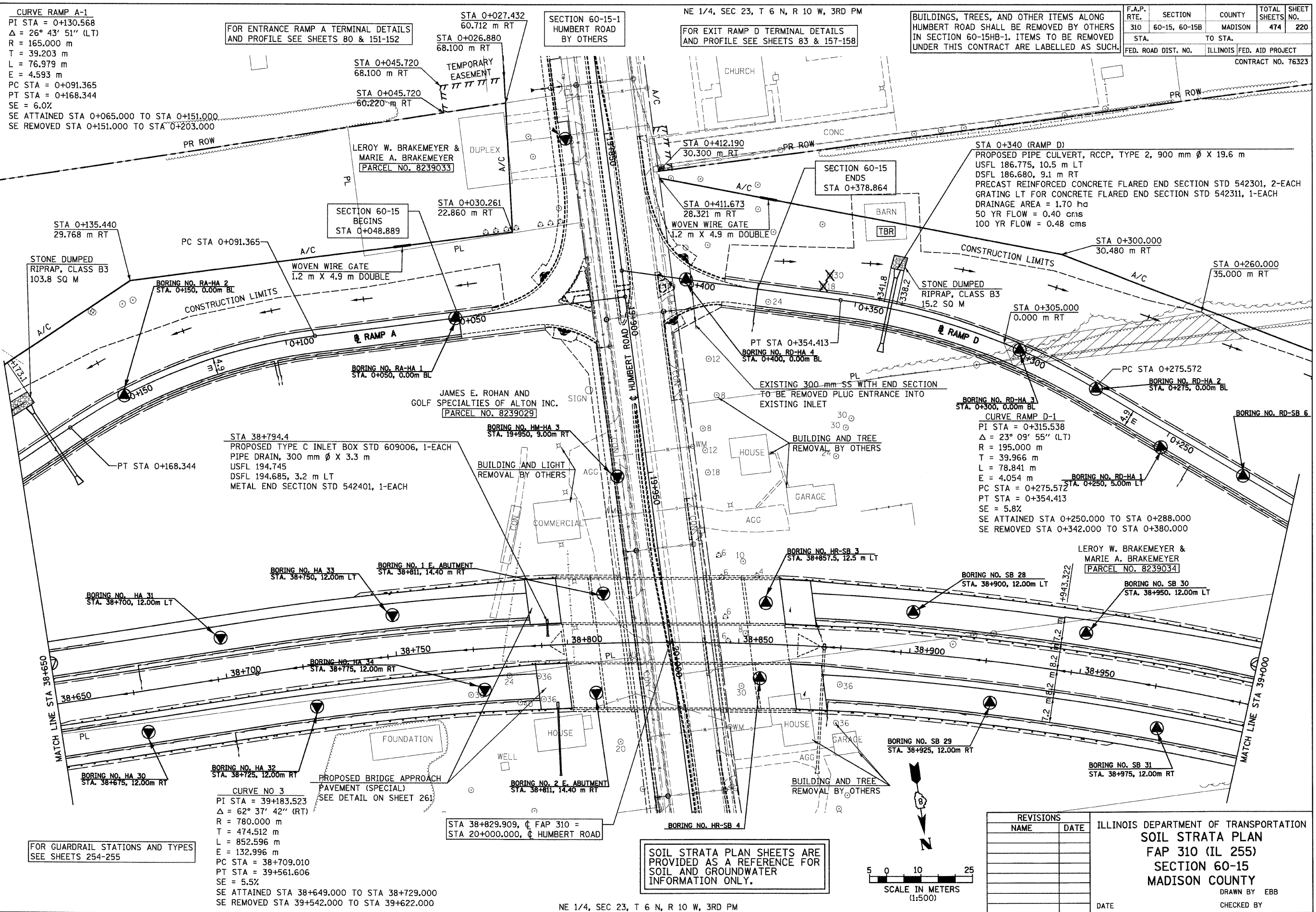
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| ORIGINAL SURVEYED | DATE |
| SURVEY PLOTTED | |
| NOTE BOOK TEMPLATE | |
| AREAS CHECKED | |
| NO. | |

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|---------------------|---------------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15, 60-15B | MADISON | 474 | 219 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |



SOIL STRATA PROFILE SHEETS ARE PROVIDED AS A REFERENCE FOR SOIL AND GROUNDWATER INFORMATION ONLY.

6/28/2007



CURVE RAMP A-1
 PI STA = 0+130.568
 $\Delta = 26^\circ 43' 51''$ (LT)
 R = 165.000 m
 T = 39.203 m
 L = 76.979 m
 E = 4.593 m
 PC STA = 0+091.365
 PT STA = 0+168.344
 SE = 6.0%
 SE ATTAINED STA 0+065.000 TO STA 0+151.000
 SE REMOVED STA 0+151.000 TO STA 0+203.000

FOR ENTRANCE RAMP A TERMINAL DETAILS
 AND PROFILE SEE SHEETS 80 & 151-152

SECTION 60-15-1
 HUMBERT ROAD
 BY OTHERS

FOR EXIT RAMP D TERMINAL DETAILS
 AND PROFILE SEE SHEETS 83 & 157-158

BUILDINGS, TREES, AND OTHER ITEMS ALONG
 HUMBERT ROAD SHALL BE REMOVED BY OTHERS
 UNDER THIS CONTRACT ARE LABELLED AS SUCH.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------|---------------|---|--------------|-----------|
| 310 | 60-15, 60-15B | MADISON | 474 | 220 |
| STA. TO STA. | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | |
| | | CONTRACT NO. 76323 | | |

STONE DUMPED
 RIPRAP, CLASS B3
 103.8 SQ M

BORING NO. RA-HA 2
 STA. 0+150, 0.00m BL

SECTION 60-15
 BEGINS
 STA 0+048.889

STA 0+030.261
 22.860 m RT

STA 0+411.673
 28.321 m RT

SECTION 60-15
 ENDS
 STA 0+378.864

STA 0+340 (RAMP D)
 PROPOSED PIPE CULVERT, RCCP, TYPE 2, 900 mm ϕ X 19.6 m
 USFL 186.775, 10.5 m LT
 DSFL 186.680, 9.1 m RT
 PRECAST REINFORCED CONCRETE FLARED END SECTION STD 542301, 2-EACH
 GRATING LT FOR CONCRETE FLARED END SECTION STD 542311, 1-EACH
 DRAINAGE AREA = 1.70 ha
 50 YR FLOW = 0.40 cms
 100 YR FLOW = 0.48 cms

STA 0+300.000
 30.480 m RT

STA 0+260.000
 35.000 m RT

STONE DUMPED
 RIPRAP, CLASS B3
 15.2 SQ M

STA 0+305.000
 0.000 m RT

PC STA 0+275.572

BORING NO. RD-HA 2
 STA. 0+275, 0.00m BL

BORING NO. RD-SB 6

STA 38+794.4
 PROPOSED TYPE C INLET BOX STD 609006, 1-EACH
 PIPE DRAIN, 300 mm ϕ X 3.3 m
 USFL 194.745
 DSFL 194.685, 3.2 m LT
 METAL END SECTION STD 542401, 1-EACH

BORING NO. HM-HA 3
 STA. 19+950, 9.00m RT

BUILDING AND LIGHT
 REMOVAL BY OTHERS

BUILDING AND TREE
 REMOVAL BY OTHERS

BORING NO. RD-HA 3
 STA. 0+300, 0.00m BL

CURVE RAMP D-1
 PI STA = 0+315.538
 $\Delta = 23^\circ 09' 55''$ (LT)
 R = 195.000 m
 T = 39.966 m
 L = 78.841 m
 E = 4.054 m
 PC STA = 0+275.572
 PT STA = 0+354.413
 SE = 5.8%
 SE ATTAINED STA 0+250.000 TO STA 0+288.000
 SE REMOVED STA 0+342.000 TO STA 0+380.000

BORING NO. RD-HA 1
 STA. 0+250, 5.00m LT

LEROY W. BRAKEMEYER &
 MARIE A. BRAKEMEYER
 [PARCEL NO. 8239034]

BORING NO. SB 28
 STA. 38+900, 12.00m LT

BORING NO. SB 30
 STA. 38+950, 12.00m LT

BORING NO. HA 31
 STA. 38+700, 12.00m LT

BORING NO. HA 33
 STA. 38+750, 12.00m LT

BORING NO. 1 E. ABUTMENT
 STA. 38+811, 14.40 m RT

BORING NO. HR-SB 3
 STA. 38+857.5, 12.5 m LT

BORING NO. SB 28
 STA. 38+900, 12.00m LT

BORING NO. SB 30
 STA. 38+950, 12.00m LT

BORING NO. HA 31
 STA. 38+700, 12.00m LT

BORING NO. HA 33
 STA. 38+750, 12.00m LT

BORING NO. 1 E. ABUTMENT
 STA. 38+811, 14.40 m RT

BORING NO. HR-SB 3
 STA. 38+857.5, 12.5 m LT

BORING NO. SB 28
 STA. 38+900, 12.00m LT

BORING NO. SB 30
 STA. 38+950, 12.00m LT

BORING NO. HA 31
 STA. 38+700, 12.00m LT

BORING NO. HA 33
 STA. 38+750, 12.00m LT

BORING NO. 1 E. ABUTMENT
 STA. 38+811, 14.40 m RT

BORING NO. HR-SB 3
 STA. 38+857.5, 12.5 m LT

BORING NO. SB 28
 STA. 38+900, 12.00m LT

BORING NO. SB 30
 STA. 38+950, 12.00m LT

BORING NO. HA 31
 STA. 38+700, 12.00m LT

BORING NO. HA 33
 STA. 38+750, 12.00m LT

BORING NO. 1 E. ABUTMENT
 STA. 38+811, 14.40 m RT

BORING NO. HR-SB 3
 STA. 38+857.5, 12.5 m LT

BORING NO. SB 28
 STA. 38+900, 12.00m LT

BORING NO. SB 30
 STA. 38+950, 12.00m LT

BORING NO. HA 31
 STA. 38+700, 12.00m LT

BORING NO. HA 33
 STA. 38+750, 12.00m LT

BORING NO. 1 E. ABUTMENT
 STA. 38+811, 14.40 m RT

BORING NO. HR-SB 3
 STA. 38+857.5, 12.5 m LT

BORING NO. SB 28
 STA. 38+900, 12.00m LT

BORING NO. SB 30
 STA. 38+950, 12.00m LT

BORING NO. HA 31
 STA. 38+700, 12.00m LT

BORING NO. HA 33
 STA. 38+750, 12.00m LT

BORING NO. 1 E. ABUTMENT
 STA. 38+811, 14.40 m RT

BORING NO. HR-SB 3
 STA. 38+857.5, 12.5 m LT

BORING NO. SB 28
 STA. 38+900, 12.00m LT

BORING NO. SB 30
 STA. 38+950, 12.00m LT

BORING NO. HA 31
 STA. 38+700, 12.00m LT

BORING NO. HA 33
 STA. 38+750, 12.00m LT

BORING NO. 1 E. ABUTMENT
 STA. 38+811, 14.40 m RT

BORING NO. HR-SB 3
 STA. 38+857.5, 12.5 m LT

BORING NO. SB 28
 STA. 38+900, 12.00m LT

BORING NO. SB 30
 STA. 38+950, 12.00m LT

BORING NO. HA 31
 STA. 38+700, 12.00m LT

BORING NO. HA 33
 STA. 38+750, 12.00m LT

BORING NO. 1 E. ABUTMENT
 STA. 38+811, 14.40 m RT

BORING NO. HR-SB 3
 STA. 38+857.5, 12.5 m LT

BORING NO. SB 28
 STA. 38+900, 12.00m LT

BORING NO. SB 30
 STA. 38+950, 12.00m LT

BORING NO. HA 31
 STA. 38+700, 12.00m LT

BORING NO. HA 33
 STA. 38+750, 12.00m LT

BORING NO. 1 E. ABUTMENT
 STA. 38+811, 14.40 m RT

BORING NO. HR-SB 3
 STA. 38+857.5, 12.5 m LT

BORING NO. SB 28
 STA. 38+900, 12.00m LT

BORING NO. SB 30
 STA. 38+950, 12.00m LT

BORING NO. HA 31
 STA. 38+700, 12.00m LT

BORING NO. HA 33
 STA. 38+750, 12.00m LT

BORING NO. 1 E. ABUTMENT
 STA. 38+811, 14.40 m RT

BORING NO. HR-SB 3
 STA. 38+857.5, 12.5 m LT

BORING NO. SB 28
 STA. 38+900, 12.00m LT

BORING NO. SB 30
 STA. 38+950, 12.00m LT

BORING NO. HA 31
 STA. 38+700, 12.00m LT

BORING NO. HA 33
 STA. 38+750, 12.00m LT

BORING NO. 1 E. ABUTMENT
 STA. 38+811, 14.40 m RT

BORING NO. HR-SB 3
 STA. 38+857.5, 12.5 m LT

BORING NO. SB 28
 STA. 38+900, 12.00m LT

BORING NO. SB 30
 STA. 38+950, 12.00m LT

BORING NO. HA 31
 STA. 38+700, 12.00m LT

BORING NO. HA 33
 STA. 38+750, 12.00m LT

BORING NO. 1 E. ABUTMENT
 STA. 38+811, 14.40 m RT

BORING NO. HR-SB 3
 STA. 38+857.5, 12.5 m LT

BORING NO. SB 28
 STA. 38+900, 12.00m LT

BORING NO. SB 30
 STA. 38+950, 12.00m LT

BORING NO. HA 31
 STA. 38+700, 12.00m LT

BORING NO. HA 33
 STA. 38+750, 12.00m LT

BORING NO. 1 E. ABUTMENT
 STA. 38+811, 14.40 m RT

BORING NO. HR-SB 3
 STA. 38+857.5, 12.5 m LT

BORING NO. SB 28
 STA. 38+900, 12.00m LT

BORING NO. SB 30
 STA. 38+950, 12.00m LT

BORING NO. HA 31
 STA. 38+700, 12.00m LT

BORING NO. HA 33
 STA. 38+750, 12.00m LT

BORING NO. 1 E. ABUTMENT
 STA. 38+811, 14.40 m RT

BORING NO. HR-SB 3
 STA. 38+857.5, 12.5 m LT

BORING NO. SB 28
 STA. 38+900, 12.00m LT

BORING NO. SB 30
 STA. 38+950, 12.00m LT

BORING NO. HA 31
 STA. 38+700, 12.00m LT

BORING NO. HA 33
 STA. 38+750, 12.00m LT

BORING NO. 1 E. ABUTMENT
 STA. 38+811, 14.40 m RT

BORING NO. HR-SB 3
 STA. 38+857.5, 12.5 m LT

BORING NO. SB 28
 STA. 38+900, 12.00m LT

BORING NO. SB 30
 STA. 38+950, 12.00m LT

BORING NO. HA 31
 STA. 38+700, 12.00m LT

BORING NO. HA 33
 STA. 38+750, 12.00m LT

BORING NO. 1 E. ABUTMENT
 STA. 38+811, 14.40 m RT

BORING NO. HR-SB 3
 STA. 38+857.5, 12.5 m LT

BORING NO. SB 28
 STA. 38+900, 12.00m LT

BORING NO. SB 30
 STA. 38+950, 12.00m LT

BORING NO. HA 31
 STA. 38+700, 12.00m LT

BORING NO. HA 33
 STA. 38+750, 12.00m LT

BORING NO. 1 E. ABUTMENT
 STA. 38+811, 14.40 m RT

BORING NO. HR-SB 3
 STA. 38+857.5, 12.5 m LT

BORING NO. SB 28
 STA. 38+900, 12.00m LT

BORING NO. SB 30
 STA. 38+950, 12.00m LT

BORING NO. HA 31
 STA. 38+700, 12.00m LT

BORING NO. HA 33
 STA. 38+750, 12.00m LT

BORING NO. 1 E. ABUTMENT
 STA. 38+811, 14.40 m RT

BORING NO. HR-SB 3
 STA. 38+857.5, 12.5 m LT

BORING NO. SB 28
 STA. 38+900, 12.00m LT

BORING NO. SB 30
 STA. 38+950, 12.00m LT

BORING NO. HA 31
 STA. 38+700, 12.00m LT

BORING NO. HA 33
 STA. 38+750, 12.00m LT

BORING NO. 1 E. ABUTMENT
 STA. 38+811, 14.40 m RT

BORING NO. HR-SB 3
 STA. 38+857.5, 12.5 m LT

BORING NO. SB 28
 STA. 38+900, 12.00m LT

BORING NO. SB 30
 STA. 38+950, 12.00m LT

BORING NO. HA 31
 STA. 38+700, 12.00m LT

BORING NO. HA 33
 STA. 38+750, 12.00m LT

BORING NO. 1 E. ABUTMENT
 STA. 38+811, 14.40 m RT

BORING NO. HR-SB 3
 STA. 38+857.5, 12.5 m LT

BORING NO. SB 28
 STA. 38+900, 12.00m LT

BORING NO. SB 30
 STA. 38+950, 12.00m LT

BORING NO. HA 31
 STA. 38+700, 12.00m LT

BORING NO. HA 33
 STA. 38+750, 12.00m LT

BORING NO. 1 E. ABUTMENT
 STA. 38+811, 14.40 m RT

BORING NO. HR-SB 3
 STA. 38+857.5, 12.5 m LT

BORING NO. SB 28
 STA. 38+900, 12.00m LT

BORING NO. SB 30
 STA. 38+950, 12.00m LT

BORING NO. HA 31
 STA. 38+700, 12.00m LT

BORING NO. HA 33
 STA. 38+750, 12.00m LT

BORING NO. 1 E. ABUTMENT
 STA. 38+811, 14.40 m RT

BORING NO. HR-SB 3
 STA. 38+857.5, 12.5 m LT

BORING NO. SB 28
 STA. 38+900, 12.00m LT

BORING NO. SB 30
 STA. 38+950, 12.00m LT

BORING NO. HA 31
 STA. 38+700, 12.00m LT

BORING NO. HA 33
 STA. 38+750, 12.00m LT

BORING NO. 1 E. ABUTMENT
 STA. 38+811, 14.40 m RT

BORING NO. HR-SB 3
 STA. 38+857.5, 12.5 m LT

BORING NO. SB 28
 STA. 38+900, 12.00m LT

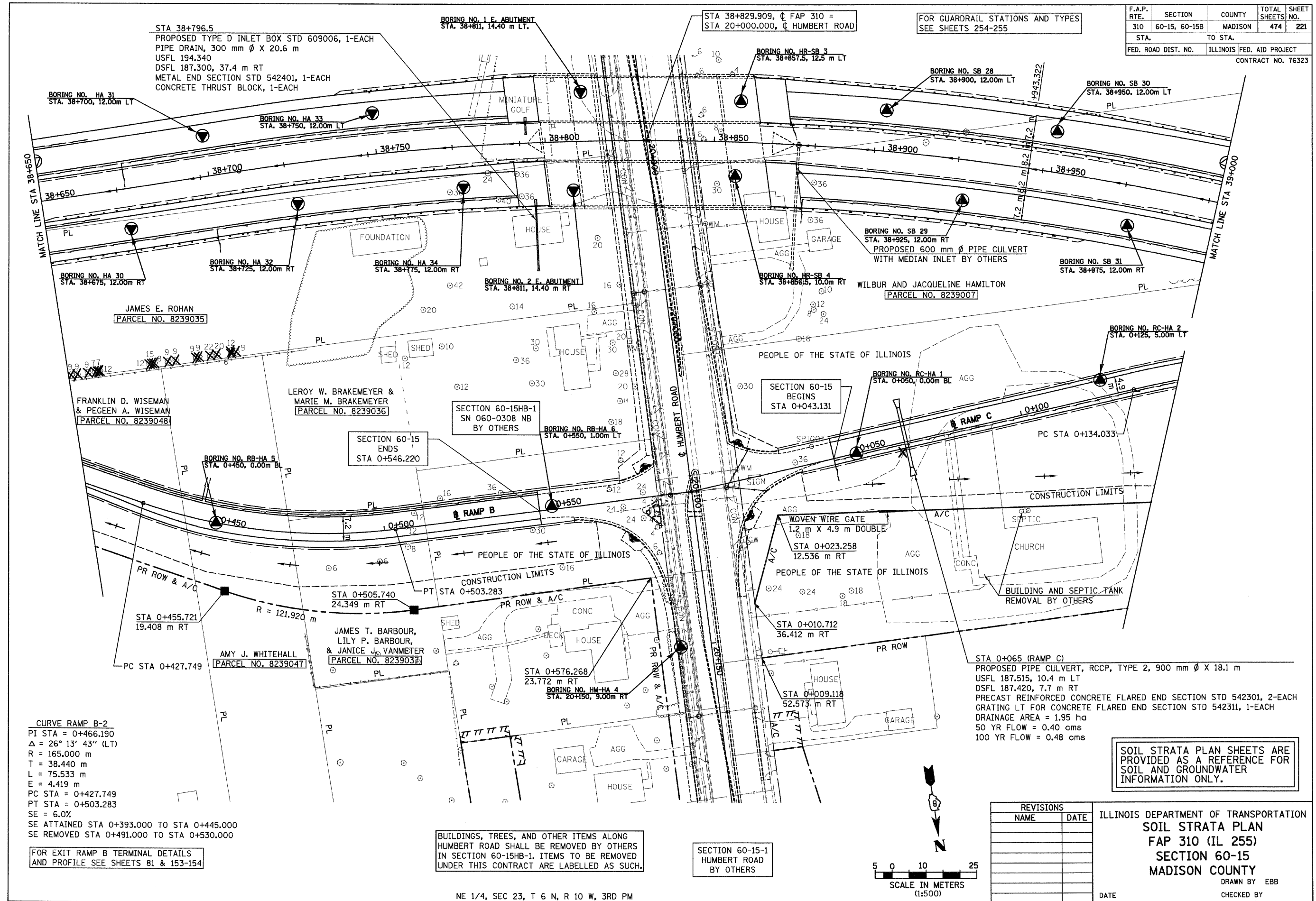
BORING NO. SB 30
 STA. 38+950, 12.00m LT

BORING NO. HA 31
 STA. 38+700, 12.00m LT

BORING NO. HA 33
 STA

6/28/2007

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------|---------------|---|--------------|-----------|
| 310 | 60-15, 60-15B | MADISON | 474 | 221 |
| STA. TO STA. | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | |
| | | CONTRACT NO. 76323 | | |



STA 38+796.5
 PROPOSED TYPE D INLET BOX STD 609006, 1-EACH
 PIPE DRAIN, 300 mm Ø X 20.6 m
 USFL 194.340
 DSFL 187.300, 37.4 m RT
 METAL END SECTION STD 542401, 1-EACH
 CONCRETE THRUST BLOCK, 1-EACH

FOR GUARDRAIL STATIONS AND TYPES
 SEE SHEETS 254-255

CURVE RAMP B-2
 PI STA = 0+466.190
 $\Delta = 26^\circ 13' 43''$ (LT)
 R = 165.000 m
 T = 38.440 m
 L = 75.533 m
 E = 4.419 m
 PC STA = 0+427.749
 PT STA = 0+503.283
 SE = 6.0%
 SE ATTAINED STA 0+393.000 TO STA 0+445.000
 SE REMOVED STA 0+491.000 TO STA 0+530.000

FOR EXIT RAMP B TERMINAL DETAILS
 AND PROFILE SEE SHEETS 81 & 153-154

BUILDINGS, TREES, AND OTHER ITEMS ALONG
 HUMBERT ROAD SHALL BE REMOVED BY OTHERS
 IN SECTION 60-15HB-1. ITEMS TO BE REMOVED
 UNDER THIS CONTRACT ARE LABELLED AS SUCH.

SECTION 60-15-1
 HUMBERT ROAD
 BY OTHERS

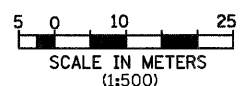
STA 0+065 (RAMP C)
 PROPOSED PIPE CULVERT, RCCP, TYPE 2, 900 mm Ø X 18.1 m
 USFL 187.515, 10.4 m LT
 DSFL 187.420, 7.7 m RT
 PRECAST REINFORCED CONCRETE FLARED END SECTION STD 542301, 2-EACH
 GRATING LT FOR CONCRETE FLARED END SECTION STD 542311, 1-EACH
 DRAINAGE AREA = 1.95 ha
 50 YR FLOW = 0.40 cms
 100 YR FLOW = 0.48 cms

SOIL STRATA PLAN SHEETS ARE
 PROVIDED AS A REFERENCE FOR
 SOIL AND GROUNDWATER
 INFORMATION ONLY.

| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL STRATA PLAN
 FAP 310 (IL 255)
 SECTION 60-15
 MADISON COUNTY

DRAWN BY EBB
 CHECKED BY
 DATE



NE 1/4, SEC 23, T 6 N, R 10 W, 3RD PM

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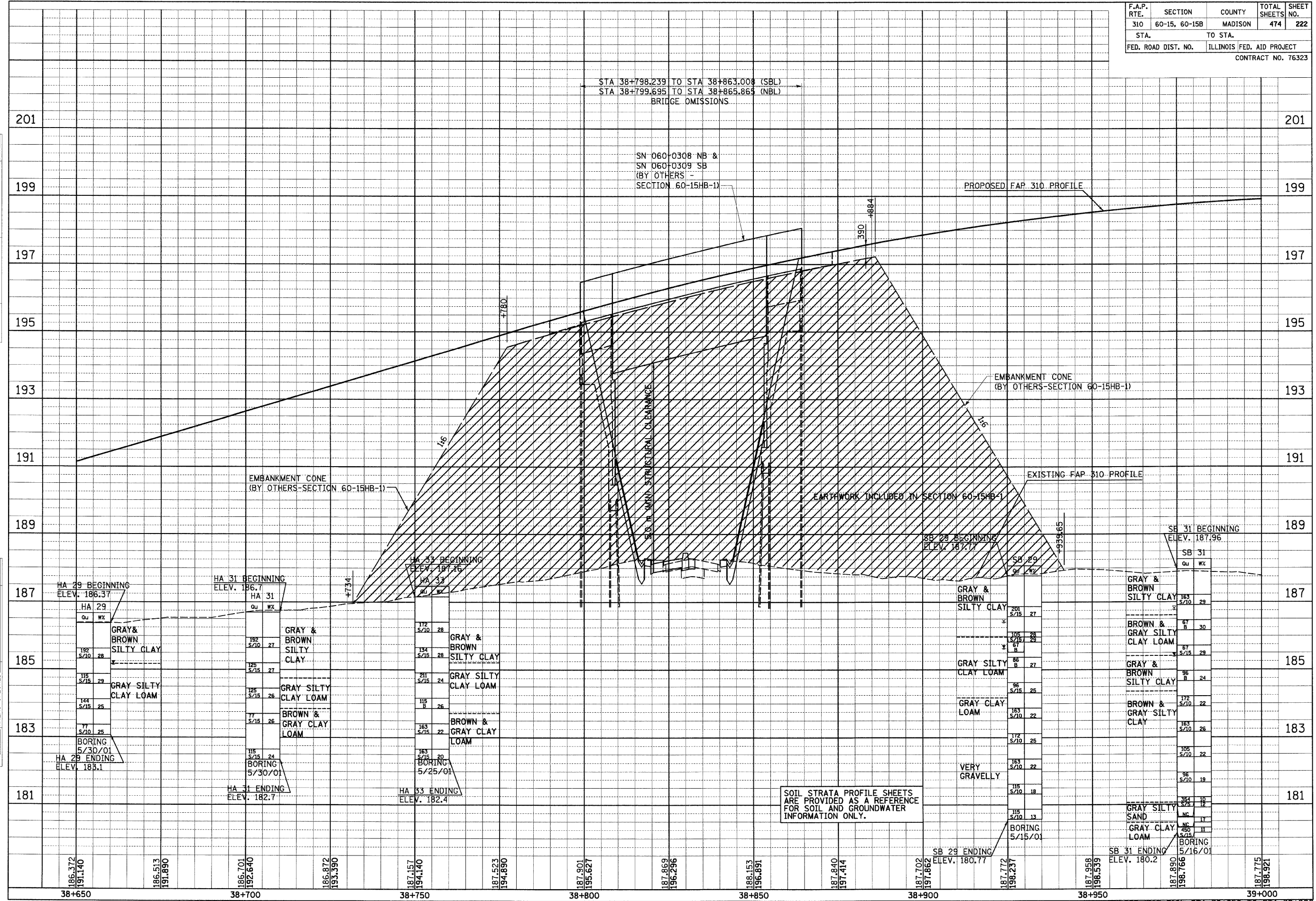
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| FINAL SURVEY | BY | DATE |
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| AREAS CHECKED | | |
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| ORIGINAL SURVEY | BY | DATE |
| SURVEY PLOTTED | | |
| NOTE BOOK TEMPLATE | | |
| AREAS CHECKED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

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|---------------------|---------------------------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15, 60-15B | MADISON | 474 | 222 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | |
| CONTRACT NO. 76323 | | | | |



| | | | | | | | | | | | | | | |
|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| 186.372 191.140 | 186.513 191.890 | 186.701 192.640 | 186.872 193.390 | 187.157 194.140 | 187.523 194.890 | 187.801 195.627 | 187.869 196.296 | 188.153 196.891 | 187.840 197.414 | 187.702 197.862 | 187.772 198.237 | 187.958 198.539 | 187.890 198.766 | 187.775 198.921 |
| 38+650 | | 38+700 | | 38+750 | | 38+800 | | 38+850 | | 38+900 | | 38+950 | | 39+000 |

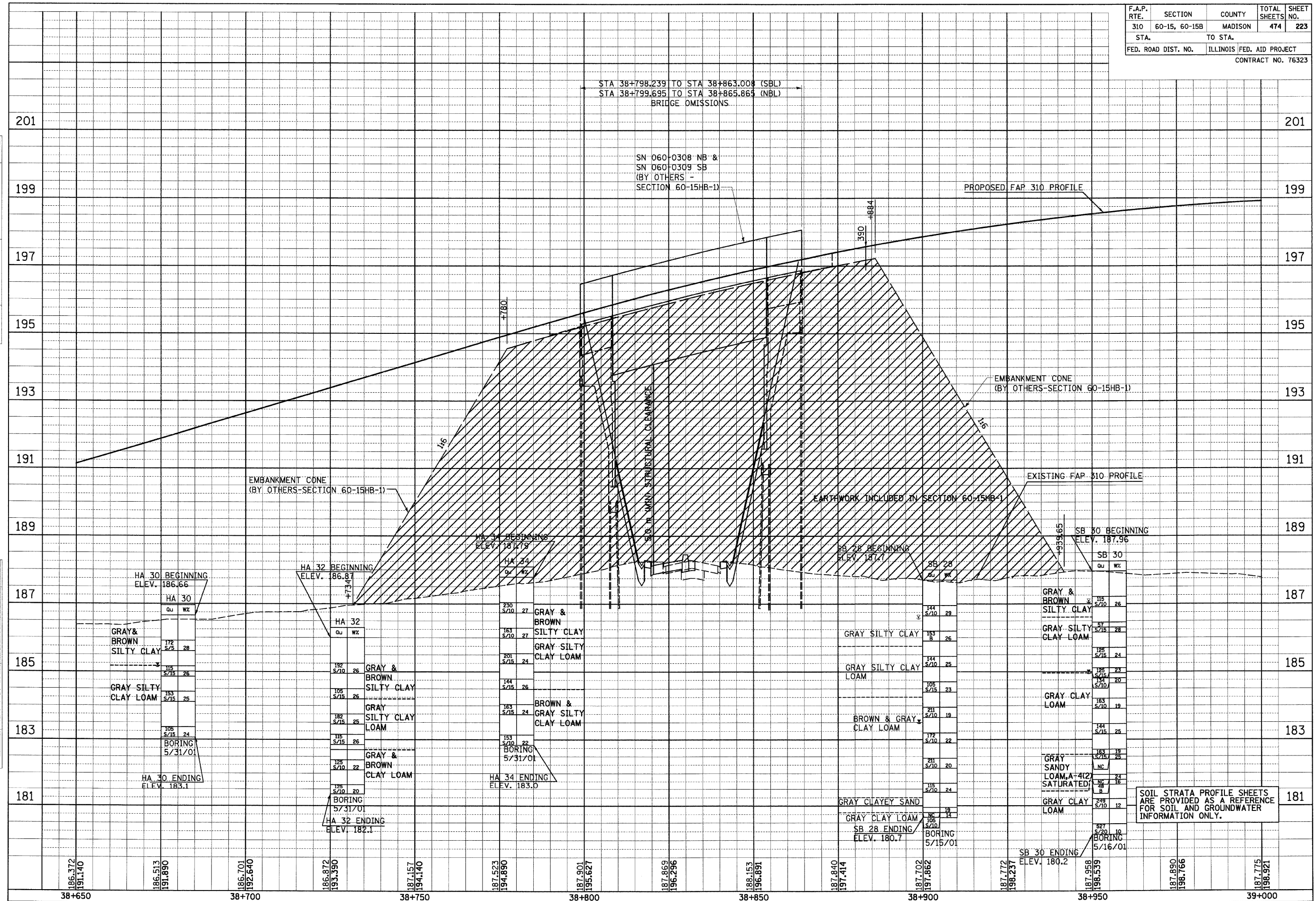
IL 255 (FAP 310), STA 38+650 TO STA 39+000

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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15, 60-15B | MADISON | 474 | 223 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |

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| FINAL SURVEY PLOTTED | BY | DATE |
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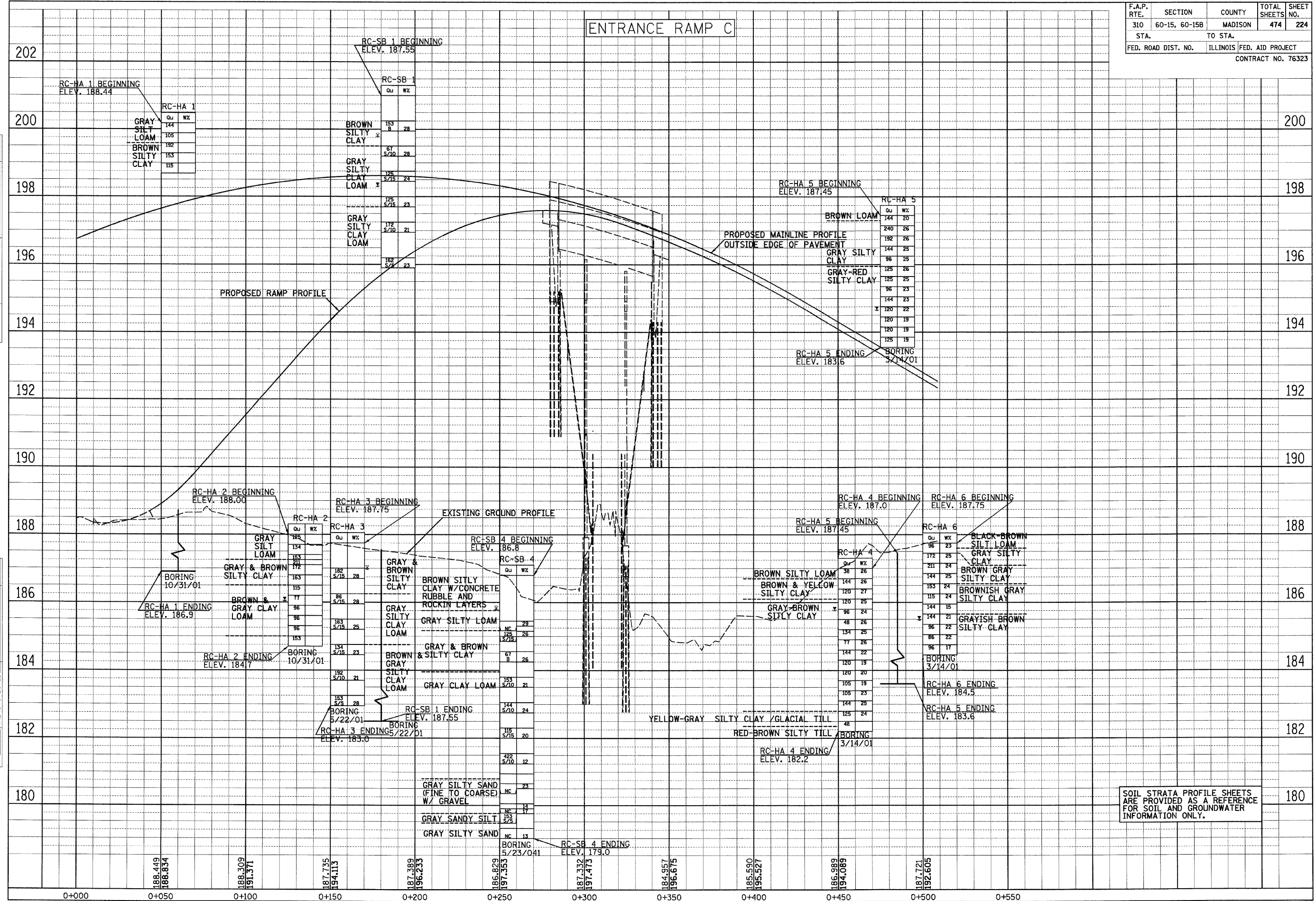
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15, 60-15B | MADISON | 474 | 224 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |

ENTRANCE RAMP C



SOIL STRATA PROFILE SHEETS ARE PROVIDED AS A REFERENCE FOR SOIL AND GROUNDWATER INFORMATION ONLY.

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| ORIGINAL SURVEY | DATE |
| SURVEYED | BY |
| PLOTTED | |
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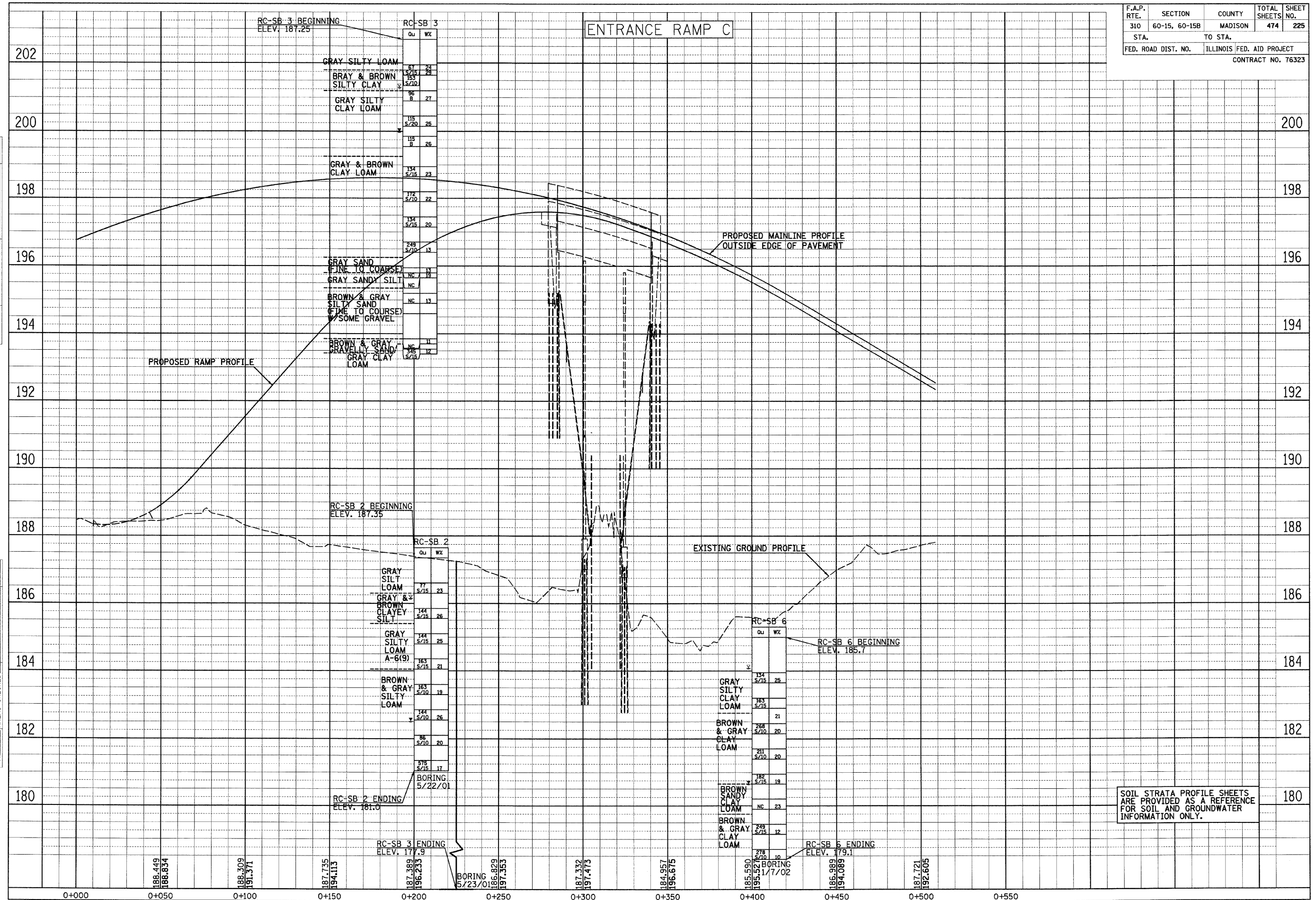
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15, 60-15B | MADISON | 474 | 225 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |



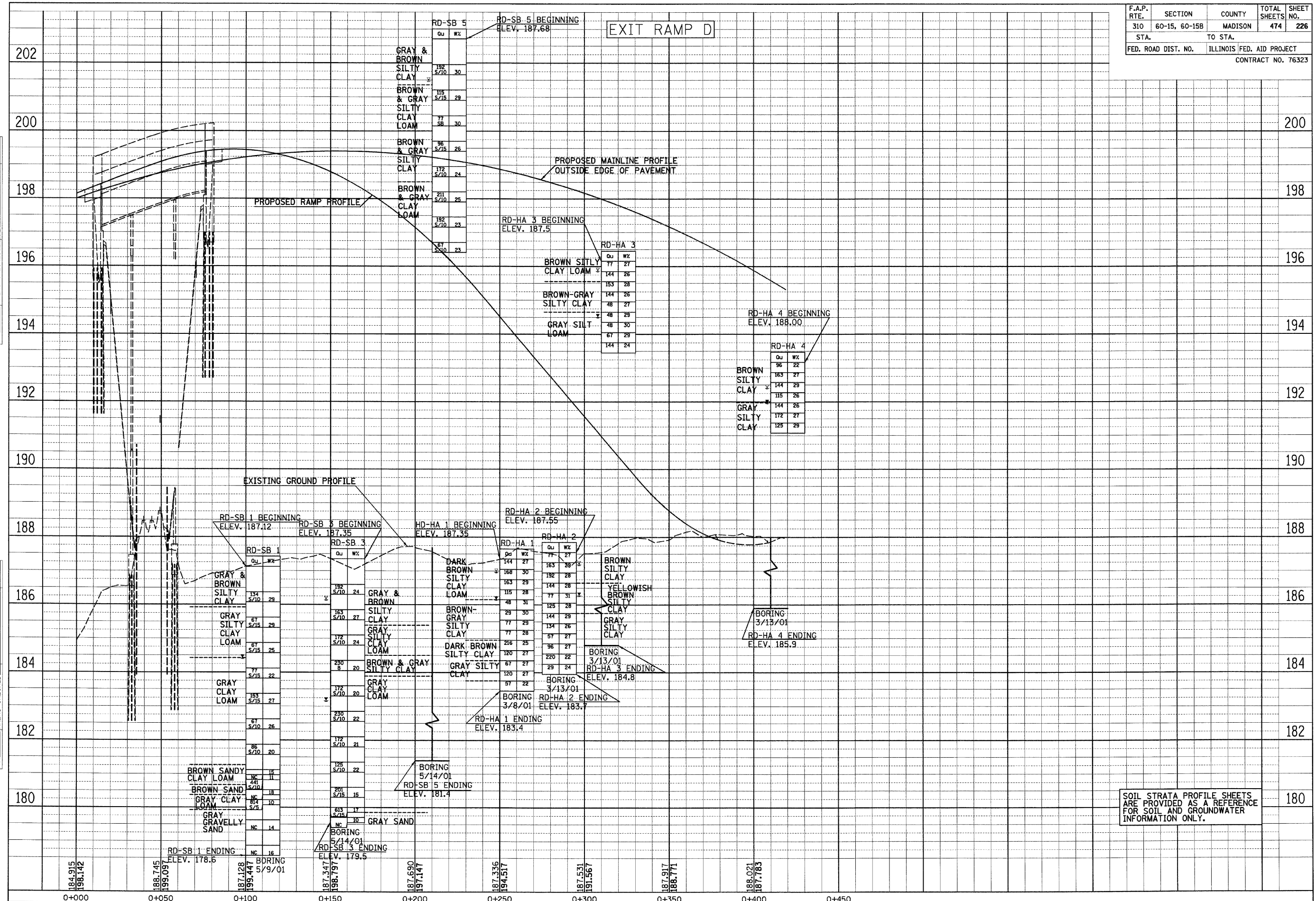
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| SURVEY PLOTTED | PLOTTED AREAS CHECKED |
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| BY | DATE |

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| ORIGINAL SURVEY NO. | SURVEYED AREAS CHECKED |
| SURVEY PLOTTED | PLOTTED AREAS CHECKED |
| NOTE BOOK TEMPLATE | TEMPLATE AREAS CHECKED |
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15, 60-15B | MADISON | 474 | 226 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |



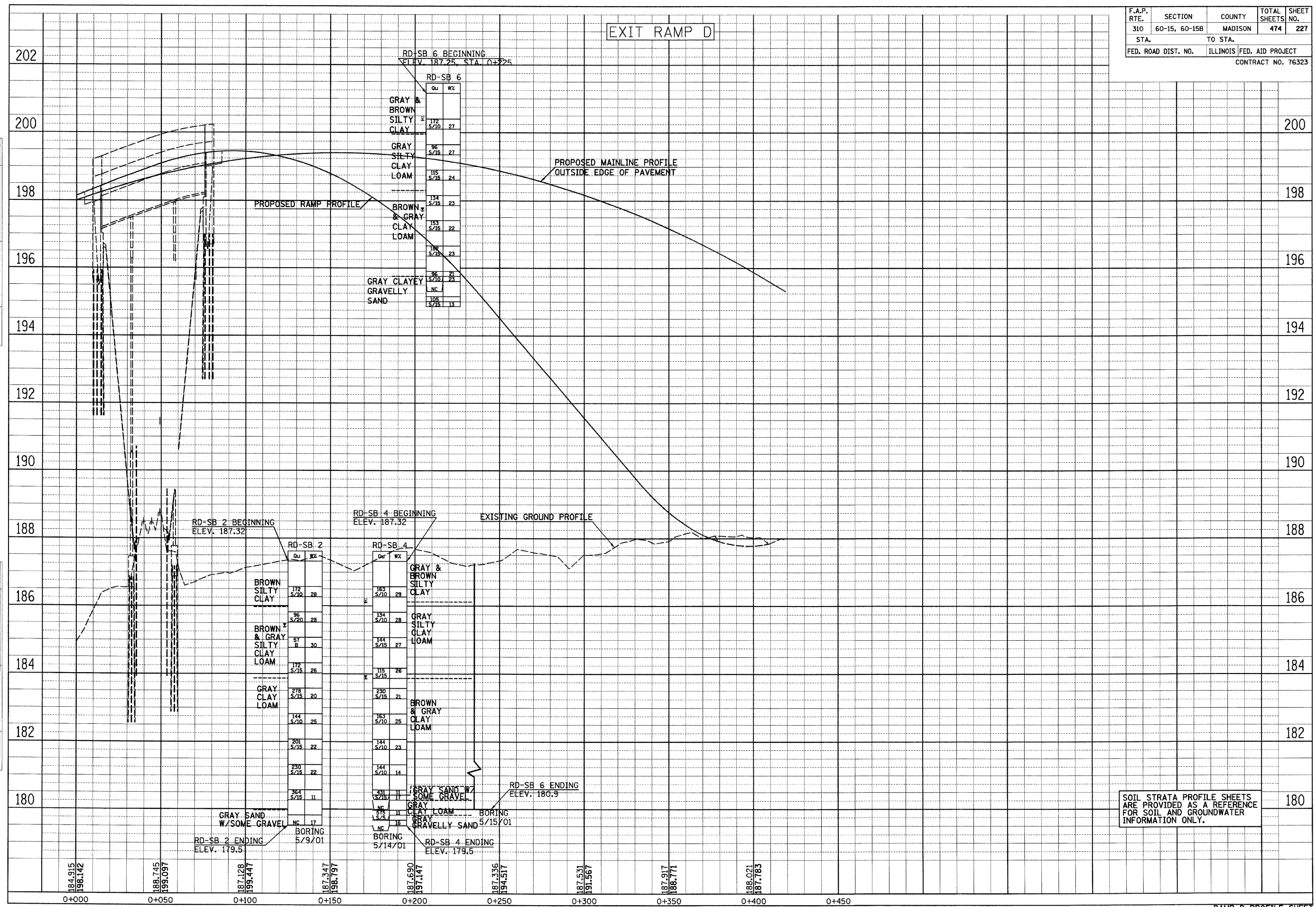
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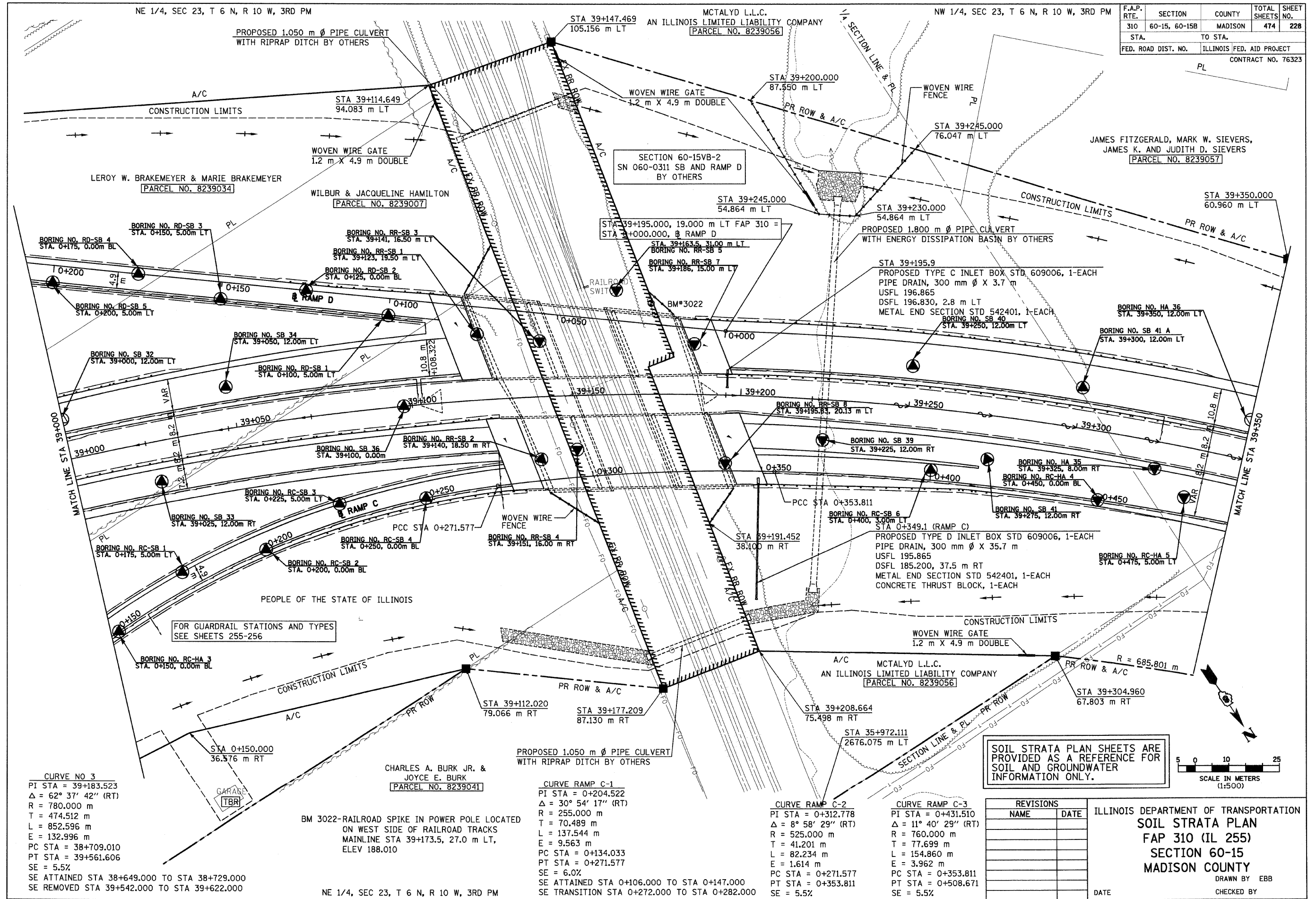
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| ORIGINAL SURVEY | SURVEYED | DATE |
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15, 60-15B | MADISON | 474 | 227 |
| STA. | TO STA. | | ILLINOIS FED. AID PROJECT | |
| FED. ROAD DIST. NO. | | | CONTRACT NO. 76323 | |



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6/28/2007



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|---------------------|---------------------------|---------|------------------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS NO. |
| 310 | 60-15, 60-15B | MADISON | 474 228 |
| STA. | TO STA. | | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | |
| | CONTRACT NO. 76323 | | |

CURVE NO 3
 PI STA = 39+183.523
 Δ = 62° 37' 42" (RT)
 R = 780.000 m
 T = 474.512 m
 L = 852.596 m
 E = 132.996 m
 PC STA = 38+709.010
 PT STA = 39+561.606
 SE = 5.5%
 SE ATTAINED STA 38+649.000 TO STA 38+729.000
 SE REMOVED STA 39+542.000 TO STA 39+622.000

BM 3022-RAILROAD SPIKE IN POWER POLE LOCATED ON WEST SIDE OF RAILROAD TRACKS MAINLINE STA 39+173.5, 27.0 m LT, ELEV 188.010

CURVE RAMP C-1
 PI STA = 0+204.522
 Δ = 30° 54' 17" (RT)
 R = 255.000 m
 T = 70.489 m
 L = 137.544 m
 E = 9.563 m
 PC STA = 0+134.033
 PT STA = 0+271.577
 SE = 6.0%
 SE ATTAINED STA 0+106.000 TO STA 0+147.000
 SE TRANSITION STA 0+272.000 TO STA 0+282.000

CURVE RAMP C-2
 PI STA = 0+312.778
 Δ = 8° 58' 29" (RT)
 R = 525.000 m
 T = 41.201 m
 L = 82.234 m
 E = 1.614 m
 PC STA = 0+271.577
 PT STA = 0+353.811
 SE = 5.5%

CURVE RAMP C-3
 PI STA = 0+431.510
 Δ = 11° 40' 29" (RT)
 R = 760.000 m
 T = 77.699 m
 L = 154.860 m
 E = 3.962 m
 PC STA = 0+353.811
 PT STA = 0+508.671
 SE = 5.5%

SOIL STRATA PLAN SHEETS ARE PROVIDED AS A REFERENCE FOR SOIL AND GROUNDWATER INFORMATION ONLY.

| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL STRATA PLAN
FAP 310 (IL 255)
SECTION 60-15
MADISON COUNTY
 DRAWN BY EBB
 CHECKED BY
 DATE

IL 255 (FAP 310), STA 39+000 TO STA 39+350

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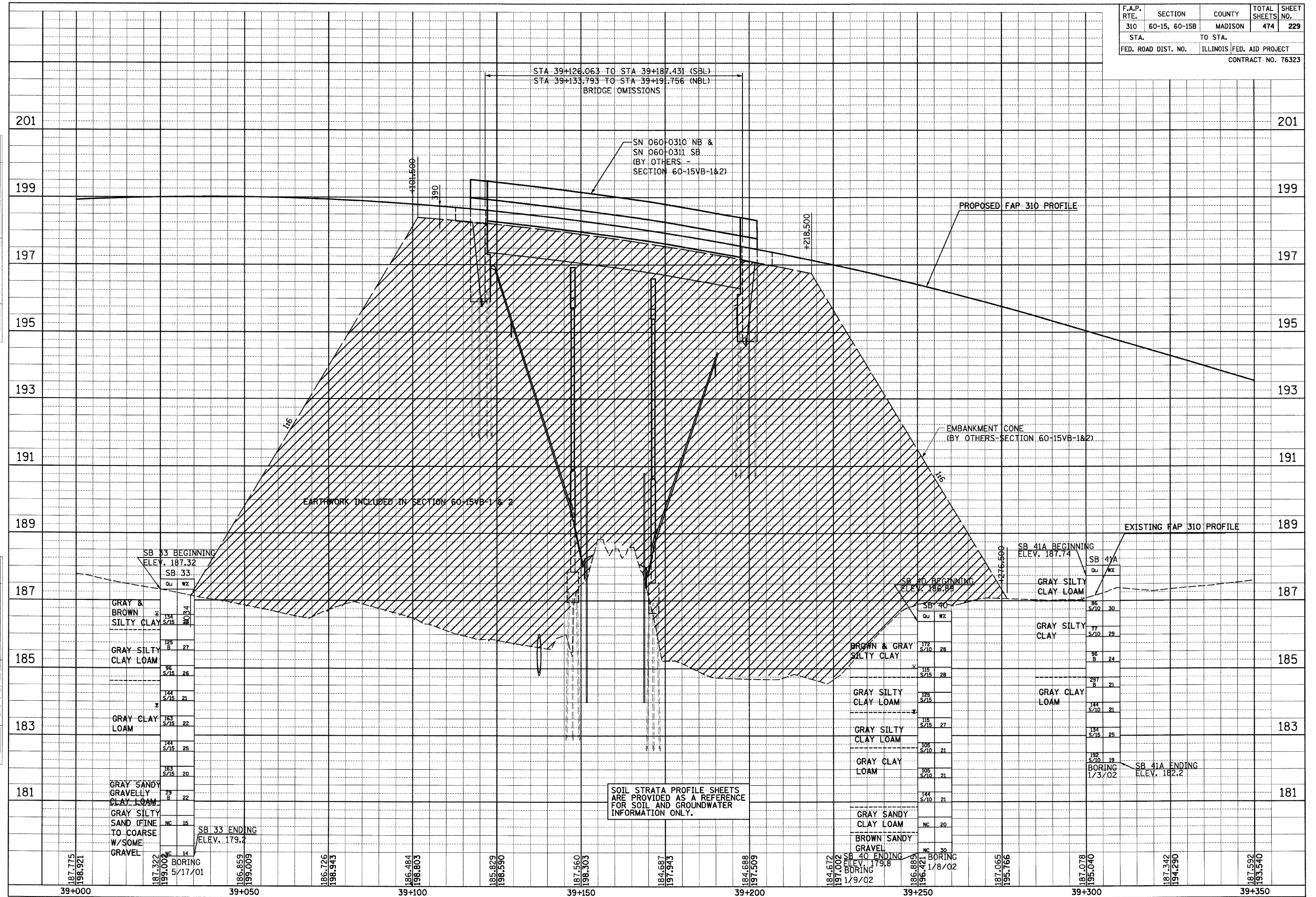
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| FINAL SURVEY | BY | DATE |
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| TEMPLATE | | |
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| ORIGINAL SURVEY | BY | DATE |
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|---------------------|---------------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15, 60-15B | MADISON | 474 | 229 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |



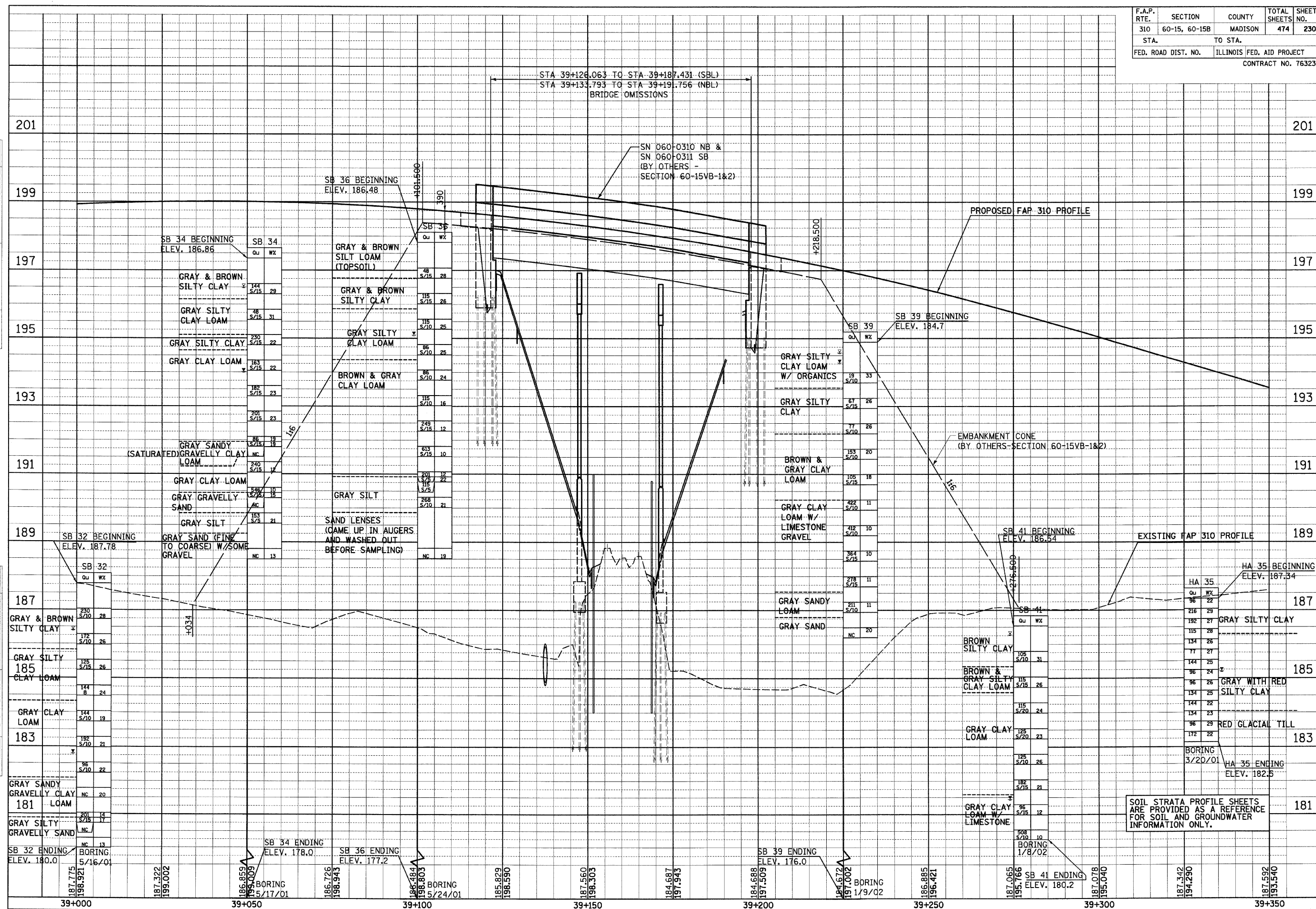
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| BY | |
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| AREAS CHECKED | |
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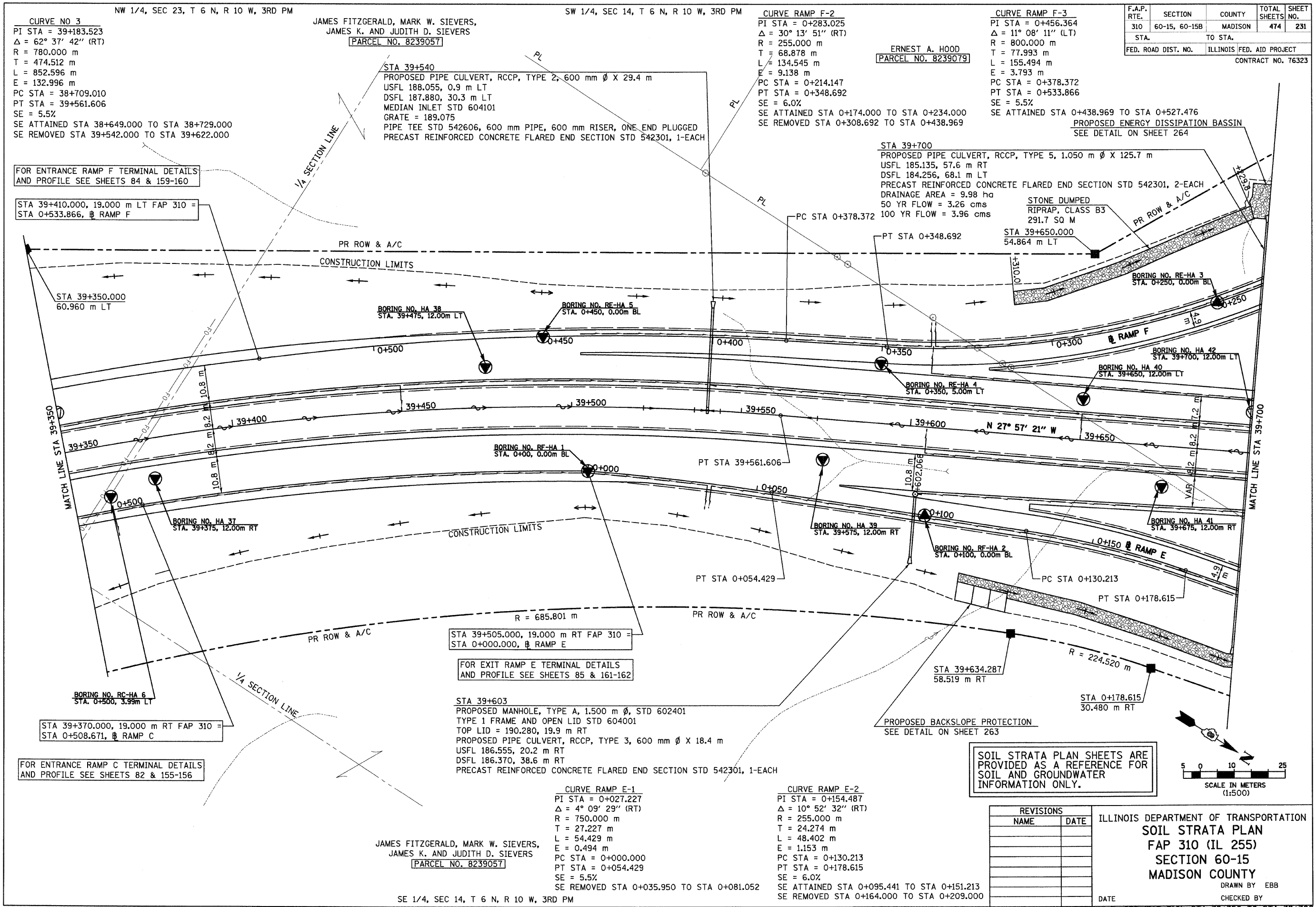
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15, 60-15B | MADISON | 474 | 230 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | |
| CONTRACT NO. 76323 | | | | |



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6/28/2007

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CURVE NO 3
 PI STA = 39+183.523
 $\Delta = 62^\circ 37' 42''$ (RT)
 R = 780.000 m
 T = 474.512 m
 L = 852.596 m
 E = 132.996 m
 PC STA = 38+709.010
 PT STA = 39+561.606
 SE = 5.5%
 SE ATTAINED STA 38+649.000 TO STA 38+729.000
 SE REMOVED STA 39+542.000 TO STA 39+622.000

JAMES FITZGERALD, MARK W. SIEVERS,
 JAMES K. AND JUDITH D. SIEVERS
 [PARCEL NO. 8239057]

SW 1/4, SEC 14, T 6 N, R 10 W, 3RD PM

CURVE RAMP F-2
 PI STA = 0+283.025
 $\Delta = 30^\circ 13' 51''$ (RT)
 R = 255.000 m
 T = 68.878 m
 L = 134.545 m
 E = 9.138 m
 PC STA = 0+214.147
 PT STA = 0+348.692
 SE = 6.0%
 SE ATTAINED STA 0+174.000 TO STA 0+234.000
 SE REMOVED STA 0+308.692 TO STA 0+438.969

ERNEST A. HOOD
 [PARCEL NO. 8239079]

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------------|---------------------------|--------------|-----------|
| 310 | 60-15, 60-15B | MADISON | 474 | 231 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |

CURVE RAMP F-3
 PI STA = 0+456.364
 $\Delta = 11^\circ 08' 11''$ (LT)
 R = 800.000 m
 T = 77.993 m
 L = 155.494 m
 E = 3.793 m
 PC STA = 0+378.372
 PT STA = 0+533.866
 SE = 5.5%
 SE ATTAINED STA 0+438.969 TO STA 0+527.476
PROPOSED ENERGY DISSIPATION BASIN
 SEE DETAIL ON SHEET 264

FOR ENTRANCE RAMP F TERMINAL DETAILS AND PROFILE SEE SHEETS 84 & 159-160

STA 39+410.000, 19.000 m LT FAP 310 = STA 0+533.866, B RAMP F

STA 39+540
 PROPOSED PIPE CULVERT, RCCP, TYPE 2, 600 mm ϕ X 29.4 m
 USFL 188.055, 0.9 m LT
 DSFL 187.880, 30.3 m LT
 MEDIAN INLET STD 604101
 GRATE = 189.075
 PIPE TEE STD 542606, 600 mm PIPE, 600 mm RISER, ONE END PLUGGED
 PRECAST REINFORCED CONCRETE FLARED END SECTION STD 542301, 1-EACH

STA 39+700
 PROPOSED PIPE CULVERT, RCCP, TYPE 5, 1.050 m ϕ X 125.7 m
 USFL 185.135, 57.6 m RT
 DSFL 184.256, 68.1 m LT
 PRECAST REINFORCED CONCRETE FLARED END SECTION STD 542301, 2-EACH
 DRAINAGE AREA = 9.98 ha
 50 YR FLOW = 3.26 cms
 100 YR FLOW = 3.96 cms

STONE DUMPED RIPRAP, CLASS B3
 291.7 SQ M
 STA 39+650.000
 54.864 m LT

STA 39+350.000
 60.960 m LT

BORING NO. HA 38
 STA. 39+475, 12.00m LT

BORING NO. RE-HA 5
 STA. 0+450, 0.00m BL

BORING NO. RE-HA 3
 STA. 0+250, 0.00m BL

BORING NO. HA 42
 STA. 39+700, 12.00m LT

BORING NO. HA 40
 STA. 39+650, 12.00m LT

BORING NO. RE-HA 4
 STA. 0+350, 5.00m LT

MATCH LINE STA 39+350

MATCH LINE STA 39+700

BORING NO. HA 37
 STA. 39+375, 12.00m RT

BORING NO. RE-HA 1
 STA. 0+000, 0.00m BL

BORING NO. HA 39
 STA. 39+575, 12.00m RT

BORING NO. RE-HA 2
 STA. 0+100, 0.00m BL

BORING NO. HA 41
 STA. 39+675, 12.00m RT

BORING NO. RC-HA 6
 STA. 0+500, 3.99m LT

STA 39+370.000, 19.000 m RT FAP 310 = STA 0+508.671, B RAMP C

FOR ENTRANCE RAMP C TERMINAL DETAILS AND PROFILE SEE SHEETS 82 & 155-156

STA 39+505.000, 19.000 m RT FAP 310 = STA 0+000.000, B RAMP E

FOR EXIT RAMP E TERMINAL DETAILS AND PROFILE SEE SHEETS 85 & 161-162

STA 39+603
 PROPOSED MANHOLE, TYPE A, 1.500 m ϕ , STD 602401
 TYPE 1 FRAME AND OPEN LID STD 604001
 TOP LID = 190.280, 19.9 m RT
 PROPOSED PIPE CULVERT, RCCP, TYPE 3, 600 mm ϕ X 18.4 m
 USFL 186.555, 20.2 m RT
 DSFL 186.370, 38.6 m RT
 PRECAST REINFORCED CONCRETE FLARED END SECTION STD 542301, 1-EACH

CURVE RAMP E-1
 PI STA = 0+027.227
 $\Delta = 4^\circ 09' 29''$ (RT)
 R = 750.000 m
 T = 27.227 m
 L = 54.429 m
 E = 0.494 m
 PC STA = 0+000.000
 PT STA = 0+054.429
 SE = 5.5%
 SE REMOVED STA 0+035.950 TO STA 0+081.052

CURVE RAMP E-2
 PI STA = 0+154.487
 $\Delta = 10^\circ 52' 32''$ (RT)
 R = 255.000 m
 T = 24.274 m
 L = 48.402 m
 E = 1.153 m
 PC STA = 0+130.213
 PT STA = 0+178.615
 SE = 6.0%
 SE ATTAINED STA 0+095.441 TO STA 0+151.213
 SE REMOVED STA 0+164.000 TO STA 0+209.000

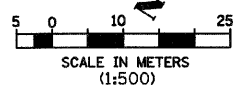
JAMES FITZGERALD, MARK W. SIEVERS,
 JAMES K. AND JUDITH D. SIEVERS
 [PARCEL NO. 8239057]

SE 1/4, SEC 14, T 6 N, R 10 W, 3RD PM

SOIL STRATA PLAN SHEETS ARE PROVIDED AS A REFERENCE FOR SOIL AND GROUNDWATER INFORMATION ONLY.

| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL STRATA PLAN
FAP 310 (IL 255)
SECTION 60-15
MADISON COUNTY
 DRAWN BY EBB
 CHECKED BY
 DATE



IL 255 (FAP 310), STA 39+350 TO STA 39+700

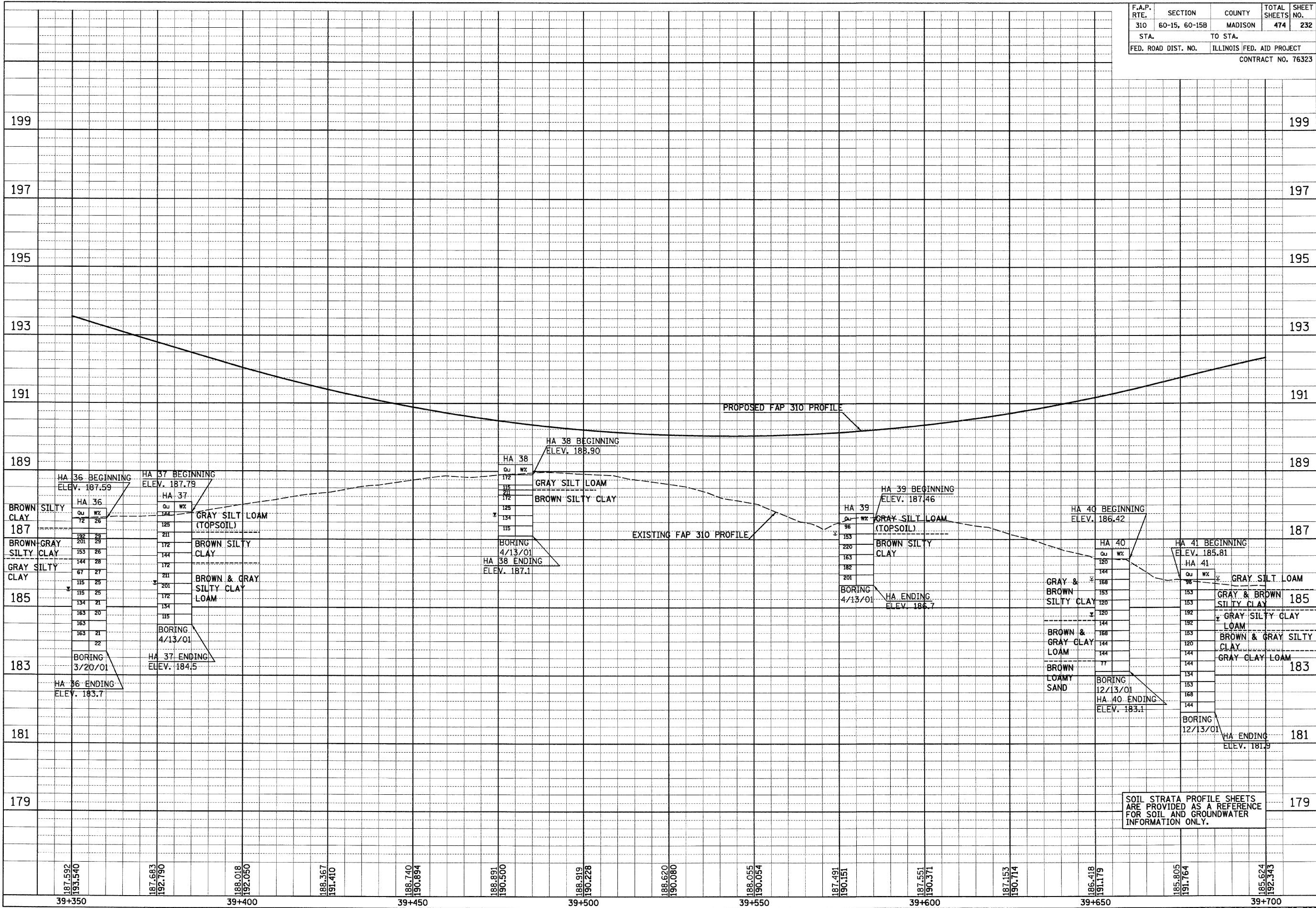
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| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS CHECKED | | |

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

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|---------------------|---------------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15, 60-15B | MADISON | 474 | 232 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |



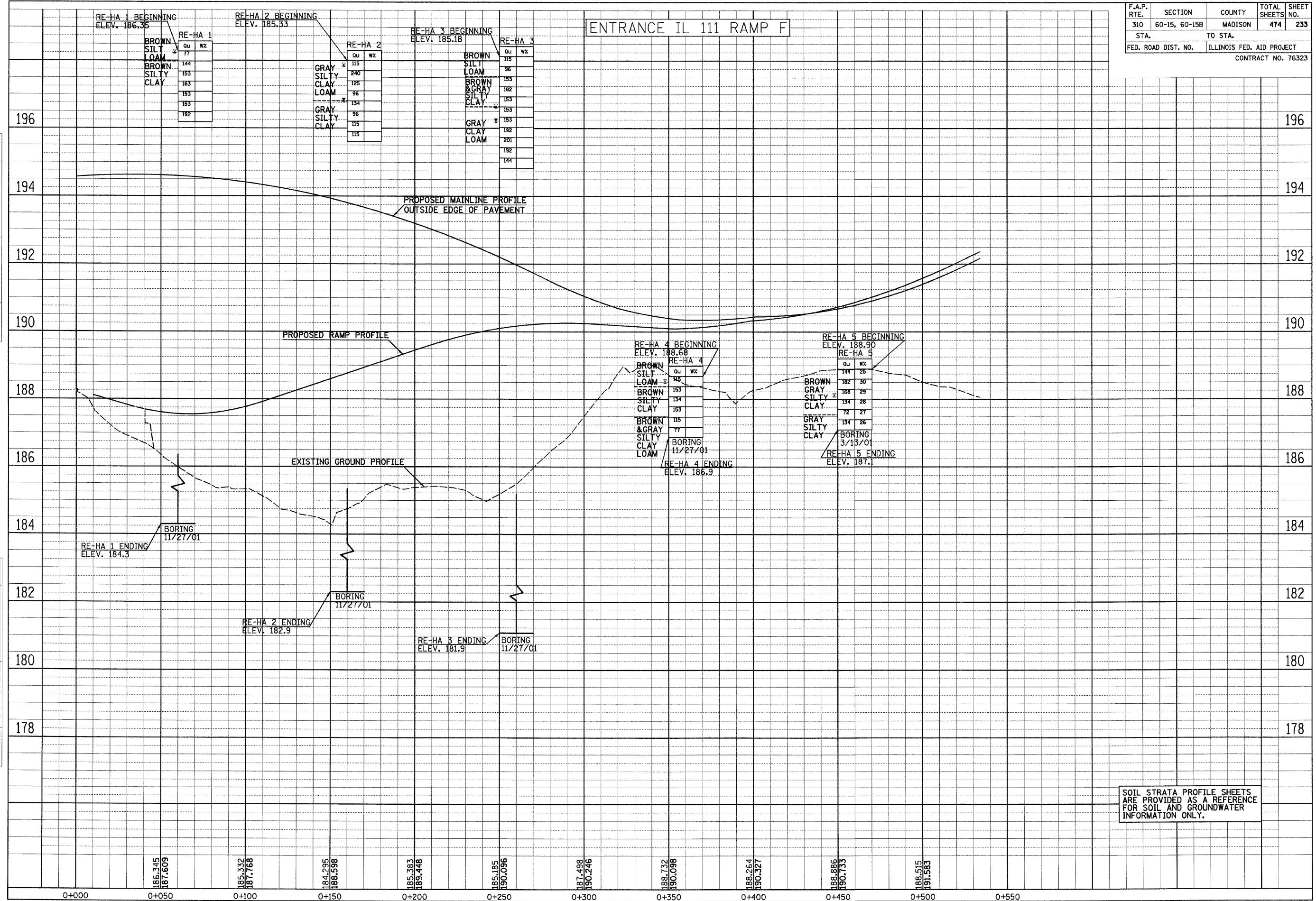
IL 255 (FAP 310), STA 39+350 TO STA 39+700

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|---------------------|---------------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15, 60-15B | MADISON | 474 | 233 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |

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

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



SOIL STRATA PROFILE SHEETS ARE PROVIDED AS A REFERENCE FOR SOIL AND GROUNDWATER INFORMATION ONLY.

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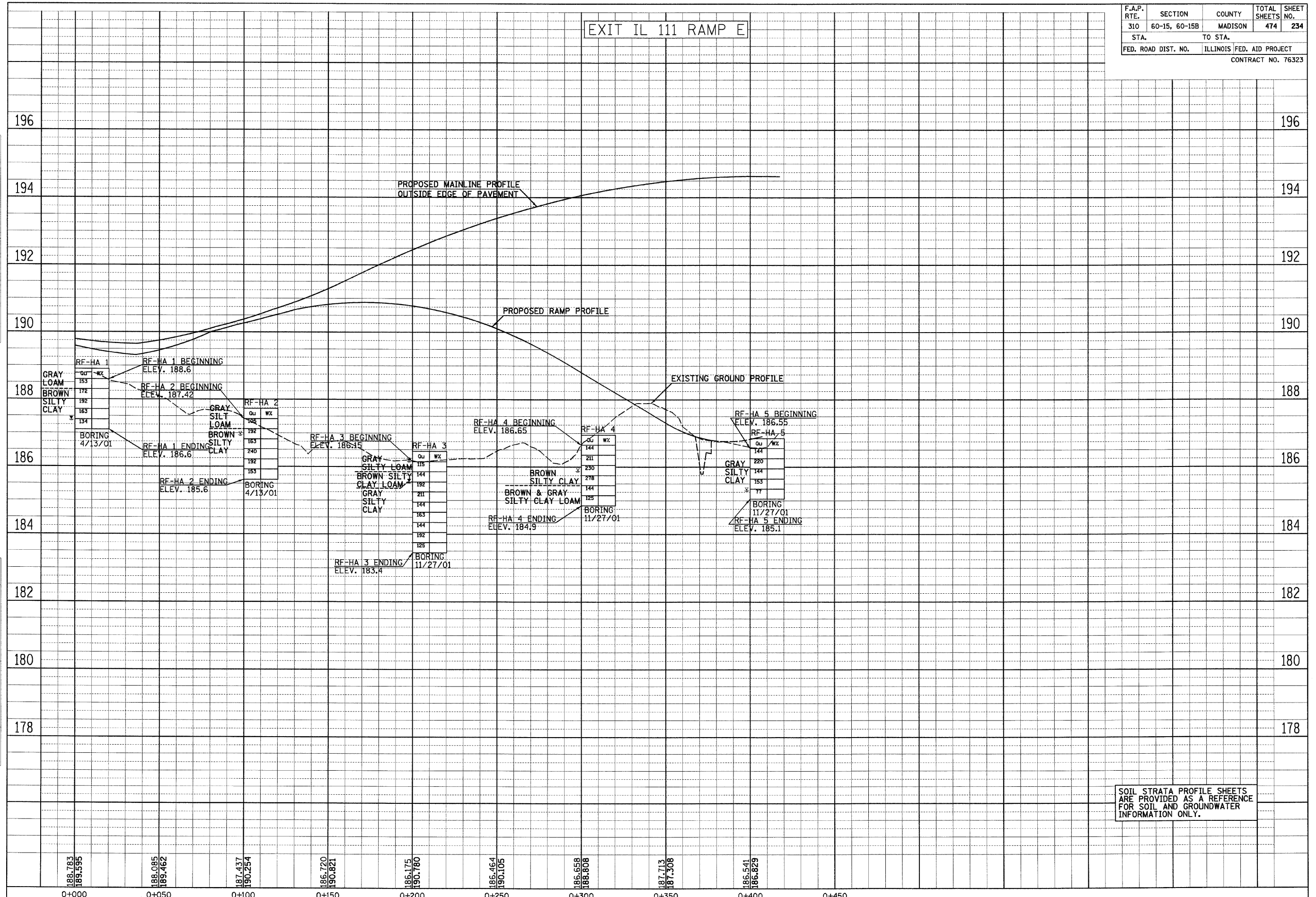
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| FINAL SURVEYED | BY | DATE |
| SURVEY PLOTTED | | |
| NOTE BOOK TEMPLATE | | |
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| ORIGINAL SURVEYED | BY | DATE |
| SURVEY PLOTTED | | |
| NOTE BOOK TEMPLATE | | |
| AREAS CHECKED | | |
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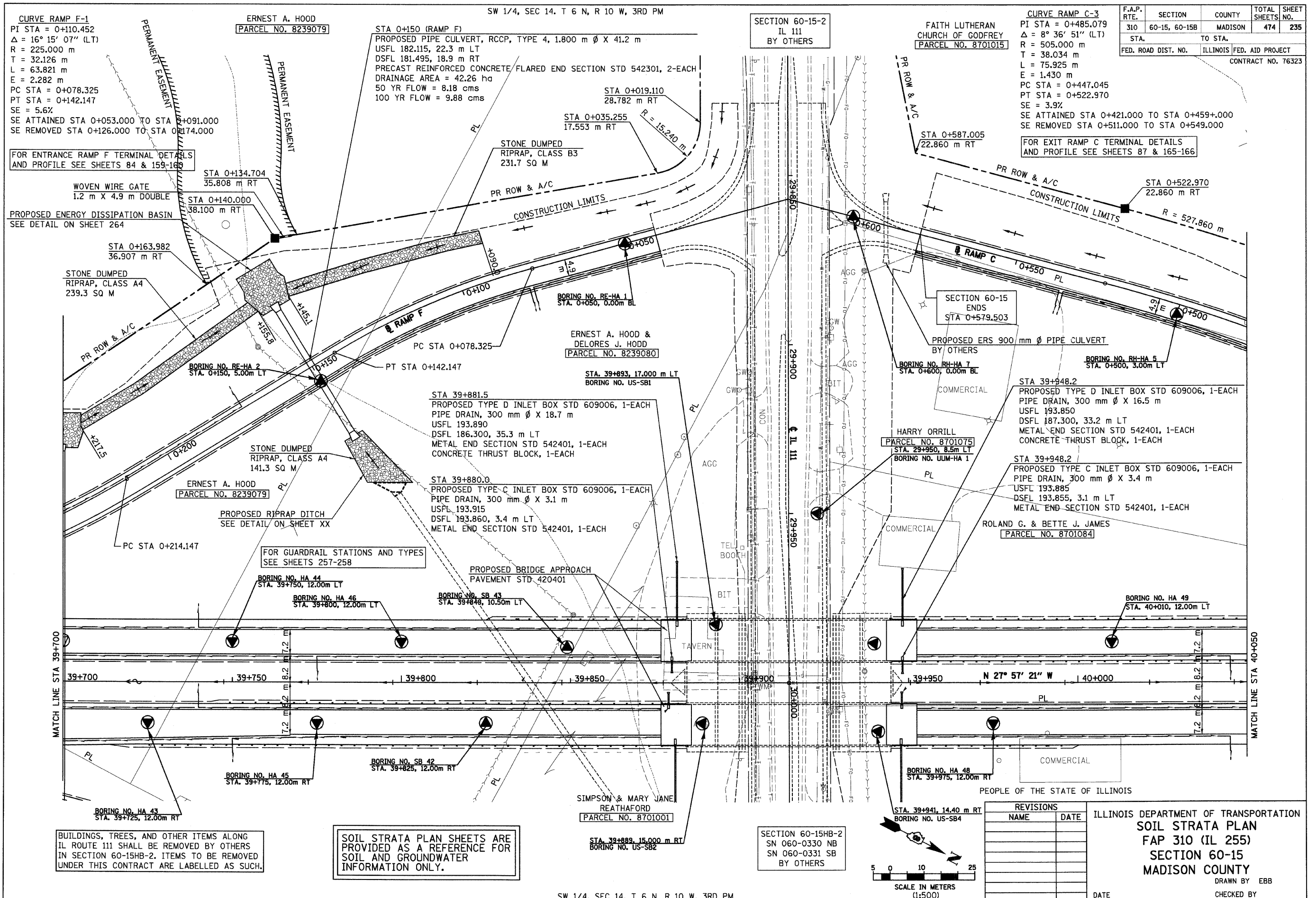
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|---------------------|---------------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15, 60-15B | MADISON | 474 | 234 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |



SOIL STRATA PROFILE SHEETS ARE PROVIDED AS A REFERENCE FOR SOIL AND GROUNDWATER INFORMATION ONLY.

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CURVE RAMP F-1
 PI STA = 0+110.452
 $\Delta = 16^\circ 15' 07''$ (LT)
 R = 225.000 m
 T = 32.126 m
 L = 63.821 m
 E = 2.282 m
 PC STA = 0+078.325
 PT STA = 0+142.147
 SE = 5.6%
 SE ATTAINED STA 0+053.000 TO STA 0+091.000
 SE REMOVED STA 0+126.000 TO STA 0+174.000

FOR ENTRANCE RAMP F TERMINAL DETAILS AND PROFILE SEE SHEETS 84 & 159-160

WOVEN WIRE GATE
 1.2 m X 4.9 m DOUBLE

PROPOSED ENERGY DISSIPATION BASIN
 SEE DETAIL ON SHEET 264

STONE DUMPED RIPRAP, CLASS A4
 239.3 SQ M

ERNEST A. HOOD
 PARCEL NO. 8239079

STA 0+150 (RAMP F)
 PROPOSED PIPE CULVERT, RCCP, TYPE 4, 1.800 m ϕ X 41.2 m
 USFL 182.115, 22.3 m LT
 DSFL 181.495, 18.9 m RT
 PRECAST REINFORCED CONCRETE FLARED END SECTION STD 542301, 2-EACH
 DRAINAGE AREA = 42.26 ha
 50 YR FLOW = 8.18 cms
 100 YR FLOW = 9.88 cms

STONE DUMPED RIPRAP, CLASS B3
 231.7 SQ M

STA 0+019.110
 28.782 m RT

STA 0+035.255
 17.553 m RT

R = 15240 m

SECTION 60-15-2
 IL 111
 BY OTHERS

FAITH LUTHERAN CHURCH OF GODFREY
 PARCEL NO. 8701015

CURVE RAMP C-3
 PI STA = 0+485.079
 $\Delta = 8^\circ 36' 51''$ (LT)
 R = 505.000 m
 T = 38.034 m
 L = 75.925 m
 E = 1.430 m
 PC STA = 0+447.045
 PT STA = 0+522.970
 SE = 3.9%
 SE ATTAINED STA 0+421.000 TO STA 0+459+000
 SE REMOVED STA 0+511.000 TO STA 0+549.000

FOR EXIT RAMP C TERMINAL DETAILS AND PROFILE SEE SHEETS 87 & 165-166

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------------|---------------------------|--------------|-----------|
| 310 | 60-15, 60-15B | MADISON | 474 | 235 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |

MATCH LINE STA 39+700

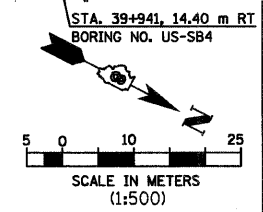
MATCH LINE STA 40+050

BUILDINGS, TREES, AND OTHER ITEMS ALONG IL ROUTE 111 SHALL BE REMOVED BY OTHERS IN SECTION 60-15HB-2. ITEMS TO BE REMOVED UNDER THIS CONTRACT ARE LABELLED AS SUCH.

SOIL STRATA PLAN SHEETS ARE PROVIDED AS A REFERENCE FOR SOIL AND GROUNDWATER INFORMATION ONLY.

SW 1/4, SEC 14. T 6 N, R 10 W, 3RD PM

SECTION 60-15HB-2
 SN 060-0330 NB
 SN 060-0331 SB
 BY OTHERS



| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
 SOIL STRATA PLAN
 FAP 310 (IL 255)
 SECTION 60-15
 MADISON COUNTY
 DRAWN BY EBB
 CHECKED BY
 DATE

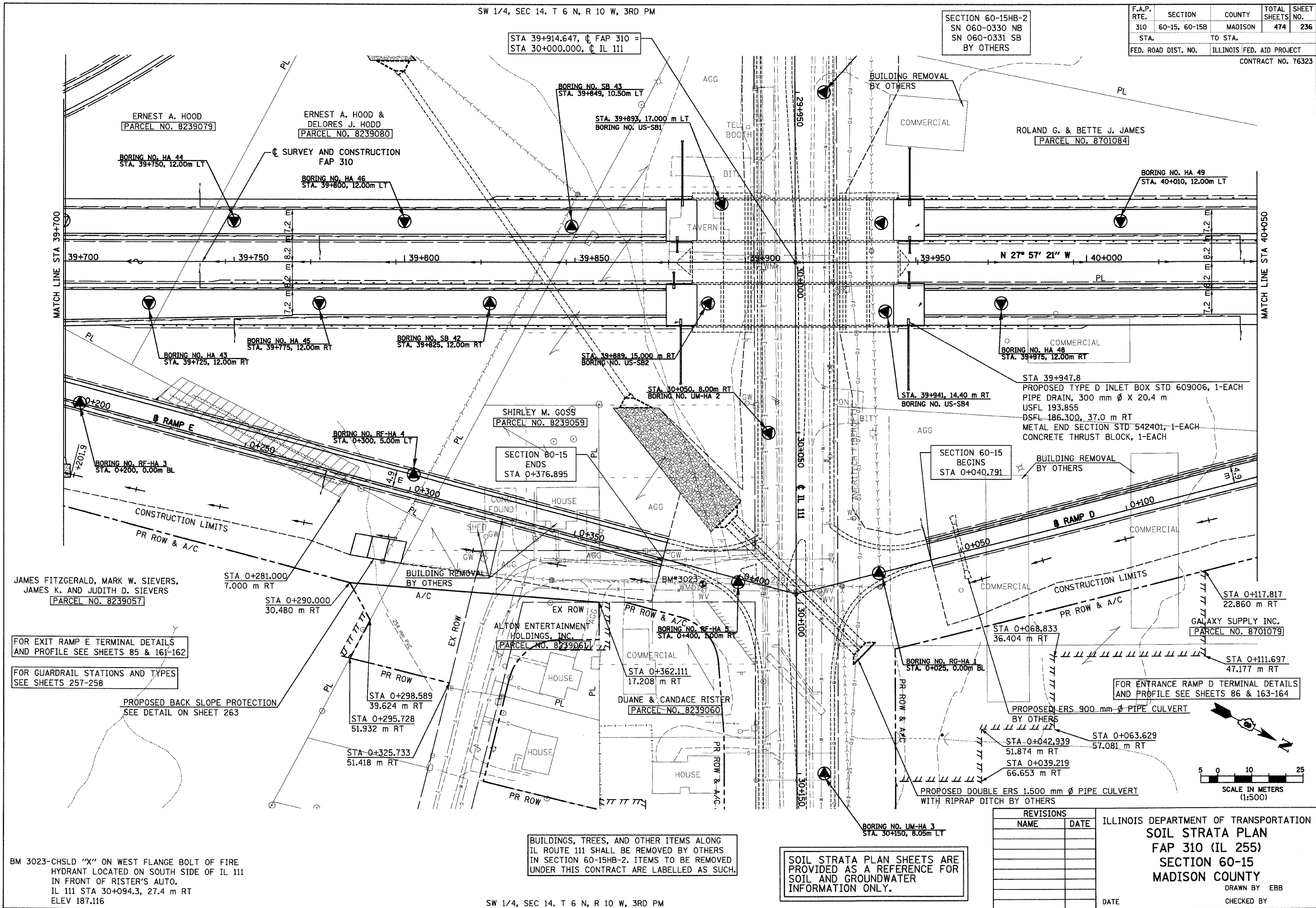
IL 255 (FAP 310), STA 39+700 TO STA 40+050

6/28/2007

SW 1/4, SEC 14, T 6 N, R 10 W, 3RD PM

SECTION 60-15HB-2
SN 060-0330 NB
SN 060-0331 SB
BY OTHERS

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------------|---------------------------|--------------|-----------|
| 310 | 60-15, 60-15B | MADISON | 474 | 236 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |



FOR EXIT RAMP E TERMINAL DETAILS AND PROFILE SEE SHEETS 85 & 161-162

FOR GUARDRAIL STATIONS AND TYPES SEE SHEETS 257-258

PROPOSED BACK SLOPE PROTECTION SEE DETAIL ON SHEET 263

FOR ENTRANCE RAMP D TERMINAL DETAILS AND PROFILE SEE SHEETS 86 & 163-164

BM 3023-CHSLD "X" ON WEST FLANGE BOLT OF FIRE HYDRANT LOCATED ON SOUTH SIDE OF IL 111 IN FRONT OF RISTER'S AUTO. IL 111 STA 30+094.3, 27.4 m RT ELEV 187.116

BUILDINGS, TREES, AND OTHER ITEMS ALONG IL ROUTE 111 SHALL BE REMOVED BY OTHERS IN SECTION 60-15HB-2. ITEMS TO BE REMOVED UNDER THIS CONTRACT ARE LABELLED AS SUCH.

SOIL STRATA PLAN SHEETS ARE PROVIDED AS A REFERENCE FOR SOIL AND GROUNDWATER INFORMATION ONLY.

| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL STRATA PLAN
FAP 310 (IL 255)
SECTION 60-15
MADISON COUNTY

DRAWN BY EBB
CHECKED BY
DATE

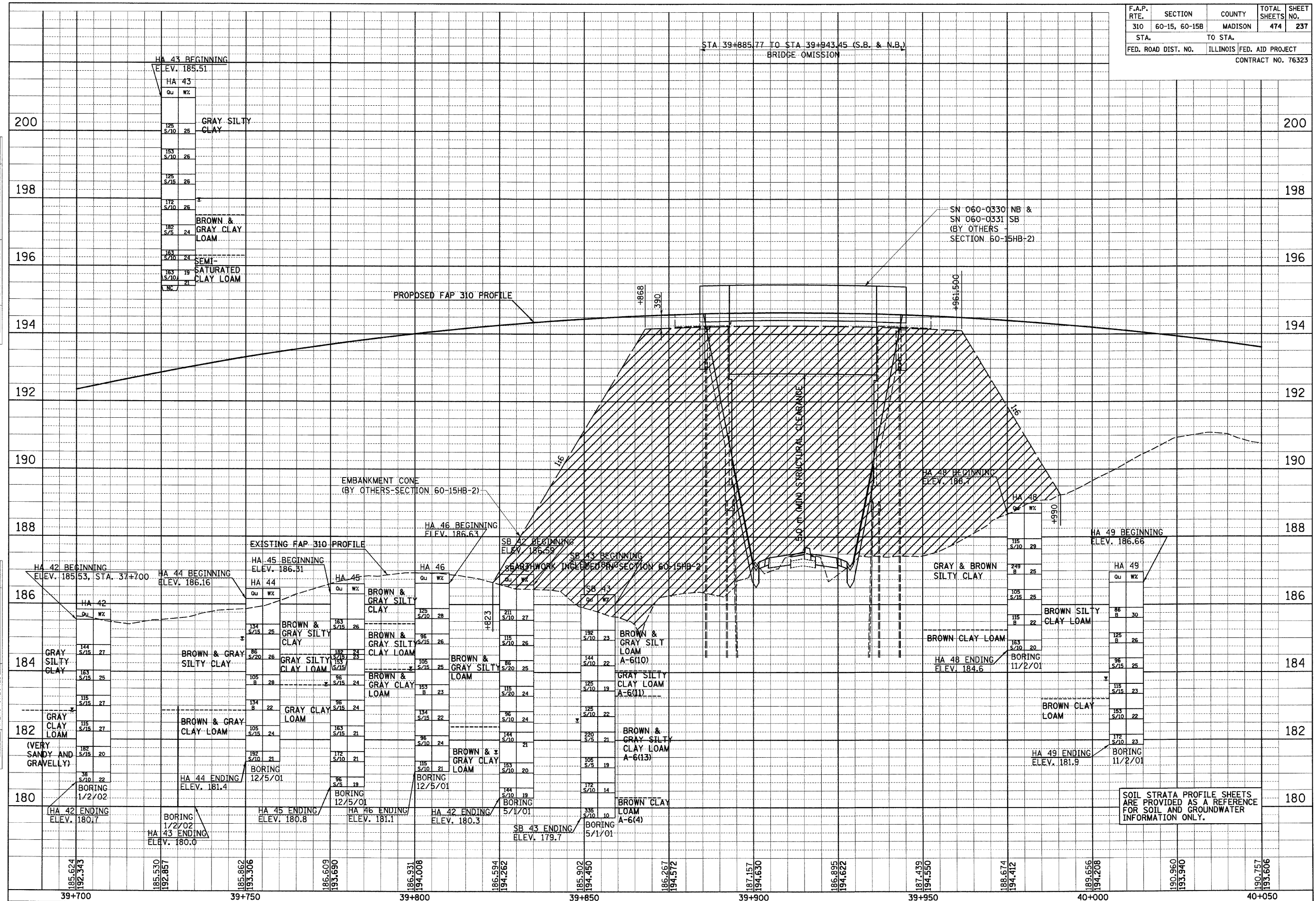
SW 1/4, SEC 14, T 6 N, R 10 W, 3RD PM

IL 255 (FAP 310), STA 39+700 TO STA 40+050

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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15, 60-15B | MADISON | 474 | 237 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |

STA 39+885.77 TO STA 39+943.45 (S.B. & N.B.)
BRIDGE OMISSION



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| FINAL SURVEY PLOTTED | DATE |
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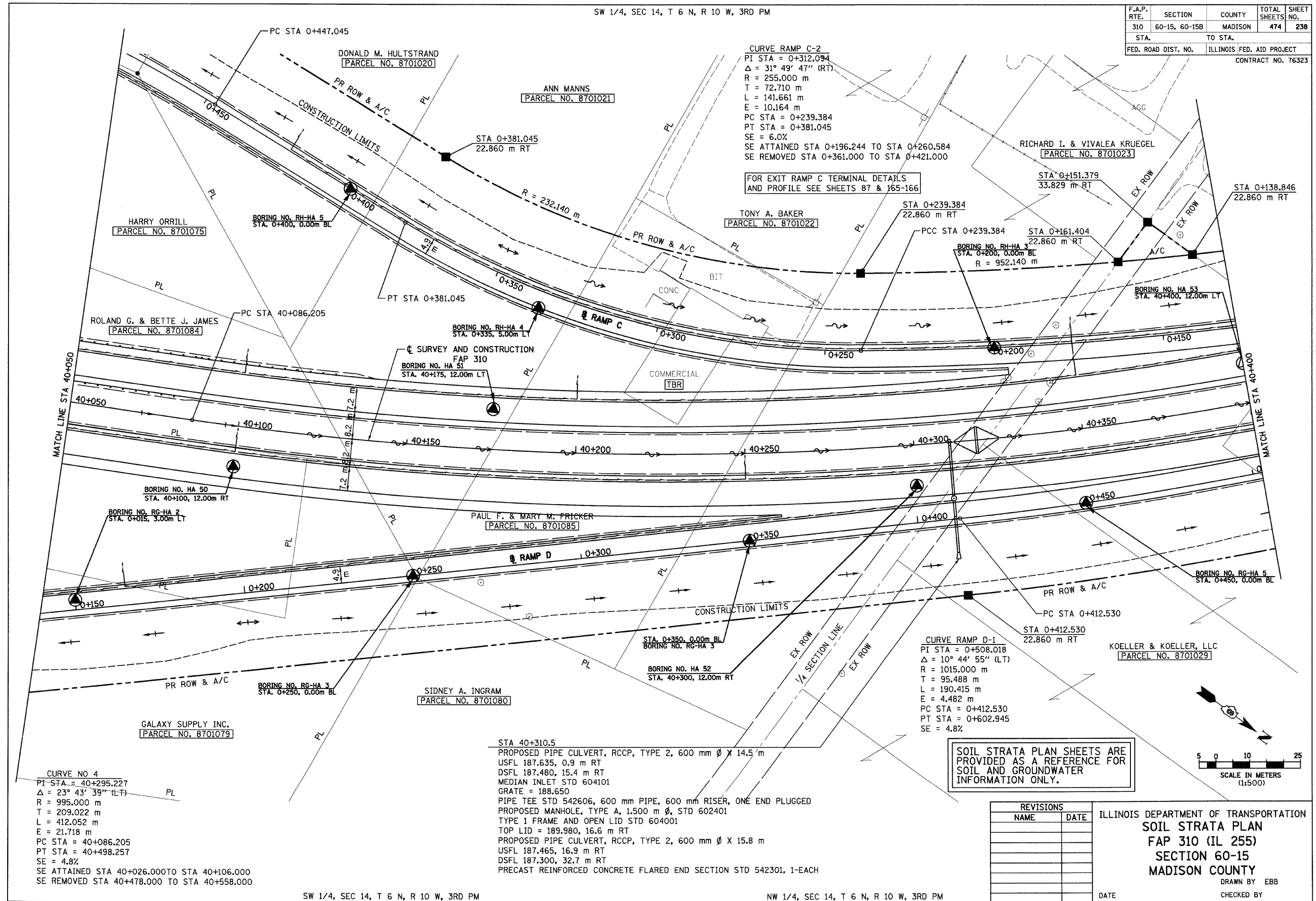
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6/28/2007

SW 1/4, SEC 14, T 6 N, R 10 W, 3RD PM

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------|---------------|---|--------------|-----------|
| 310 | 60-15, 60-15B | MADISON | 474 | 238 |
| STA. TO STA. | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | |
| | | CONTRACT NO. 76323 | | |



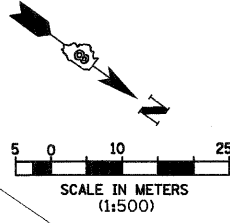
FOR EXIT RAMP C TERMINAL DETAILS AND PROFILE SEE SHEETS 87 & 165-166

CURVE RAMP D-1
 PI STA = 0+508.018
 $\Delta = 10^\circ 44' 55''$ (LT)
 R = 1015.000 m
 T = 95.488 m
 L = 190.415 m
 E = 4.482 m
 PC STA = 0+412.530
 PT STA = 0+602.945
 SE = 4.8%

CURVE NO 4
 PI STA = 40+295.227
 $\Delta = 23^\circ 43' 39''$ (LT)
 R = 995.000 m
 T = 209.022 m
 L = 412.052 m
 E = 21.718 m
 PC STA = 40+086.205
 PT STA = 40+498.257
 SE = 4.8%
 SE ATTAINED STA 40+026.000 TO STA 40+106.000
 SE REMOVED STA 40+478.000 TO STA 40+558.000

STA 40+310.5
 PROPOSED PIPE CULVERT, RCCP, TYPE 2, 600 mm ϕ X 14.5 m
 USFL 187.635, 0.9 m RT
 DSFL 187.480, 15.4 m RT
 MEDIAN INLET STD 604101
 GRATE = 188.650
 PIPE TEE STD 542606, 600 mm PIPE, 600 mm RISER, ONE END PLUGGED
 PROPOSED MANHOLE, TYPE A, 1.500 m ϕ , STD 602401
 TYPE 1 FRAME AND OPEN LID STD 604001
 TOP LID = 189.980, 16.6 m RT
 PROPOSED PIPE CULVERT, RCCP, TYPE 2, 600 mm ϕ X 15.8 m
 USFL 187.465, 16.9 m RT
 DSFL 187.300, 32.7 m RT
 PRECAST REINFORCED CONCRETE FLARED END SECTION STD 542301, 1-EACH

SOIL STRATA PLAN SHEETS ARE PROVIDED AS A REFERENCE FOR SOIL AND GROUNDWATER INFORMATION ONLY.



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ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL STRATA PLAN
FAP 310 (IL 255)
SECTION 60-15
MADISON COUNTY

DRAWN BY EBB
 CHECKED BY
 DATE

SW 1/4, SEC 14, T 6 N, R 10 W, 3RD PM

NW 1/4, SEC 14, T 6 N, R 10 W, 3RD PM

IL 255 (FAP 310), STA 40+050 TO STA 40+400

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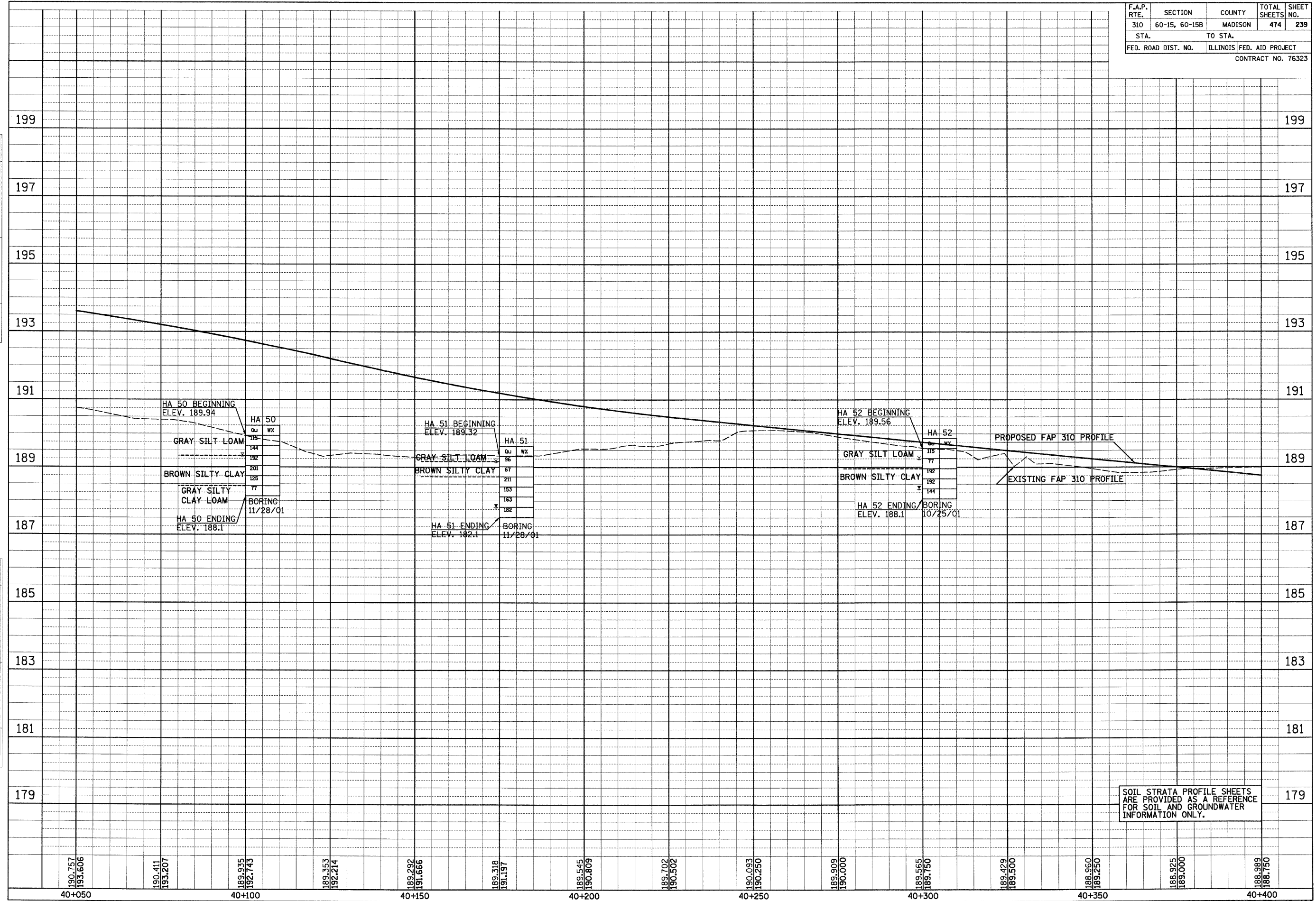
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| SURVEY PLOTTED | | |
| NOTE BOOK TEMPLATE | | |
| AREAS CHECKED | | |
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15, 60-15B | MADISON | 474 | 239 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |



190.757
191.606
190.411
191.207
189.935
192.743
189.353
192.214
189.292
191.666
189.318
191.197
189.545
190.809
189.702
190.502
189.093
190.250
189.909
190.000
189.565
189.750
189.429
189.500
188.960
189.250
186.925
189.000
188.989
188.750
40+050
40+100
40+150
40+200
40+250
40+300
40+350
40+400

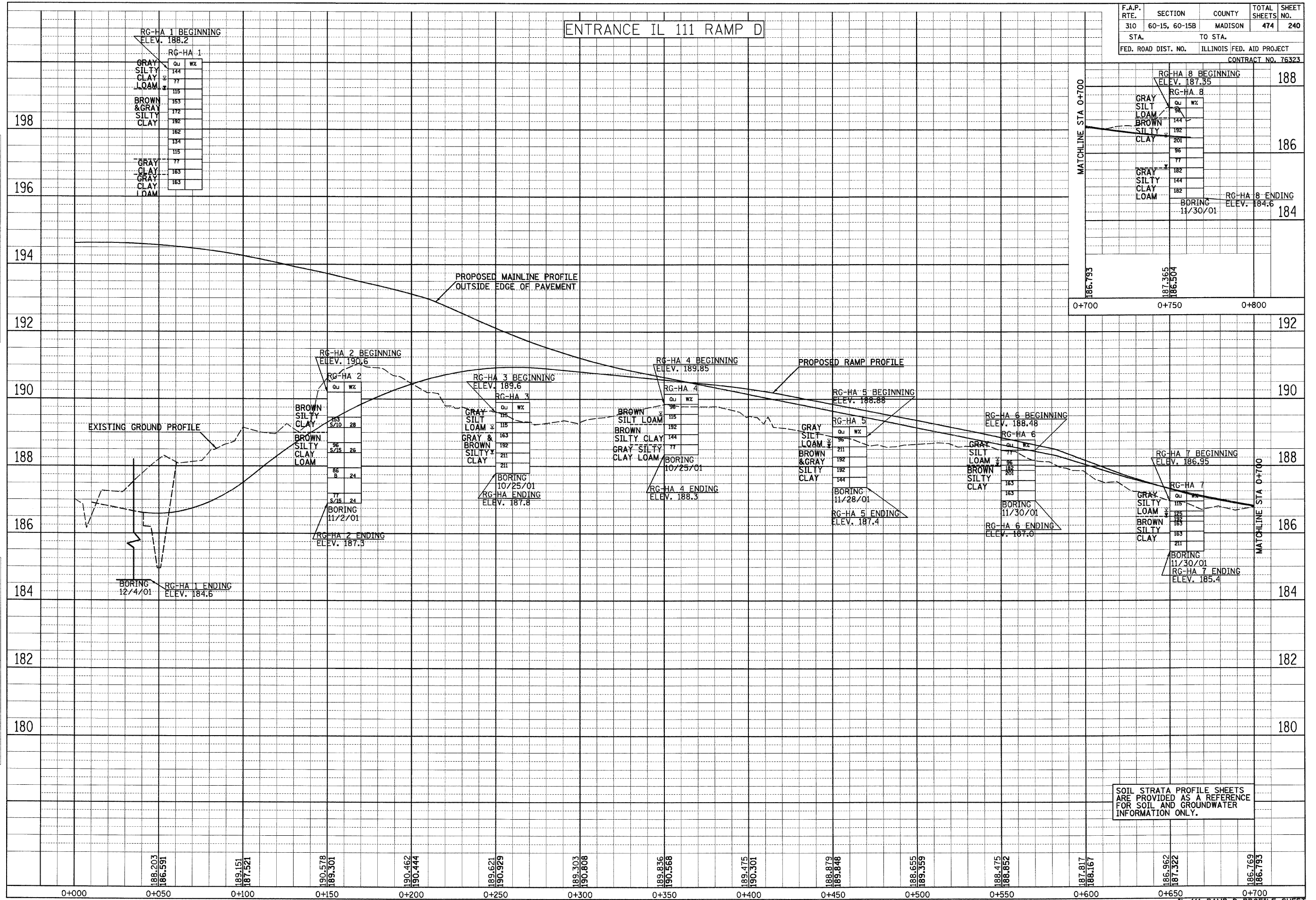
IL 255 (FAP 310), STA 40+050 TO STA 40+400

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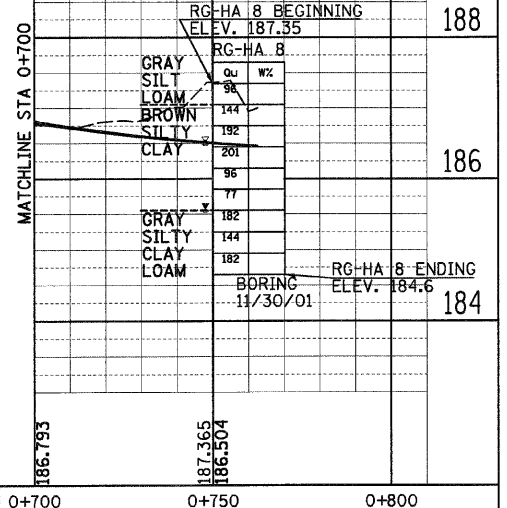
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| AREAS CHECKED | | |
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| ORIGINAL SURVEY PLOTTED | BY | DATE |
| NOTE BOOK TEMPLATE | | |
| AREAS CHECKED | | |
| NO. | | |



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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15, 60-15B | MADISON | 474 | 240 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |



SOIL STRATA PROFILE SHEETS ARE PROVIDED AS A REFERENCE FOR SOIL AND GROUNDWATER INFORMATION ONLY.

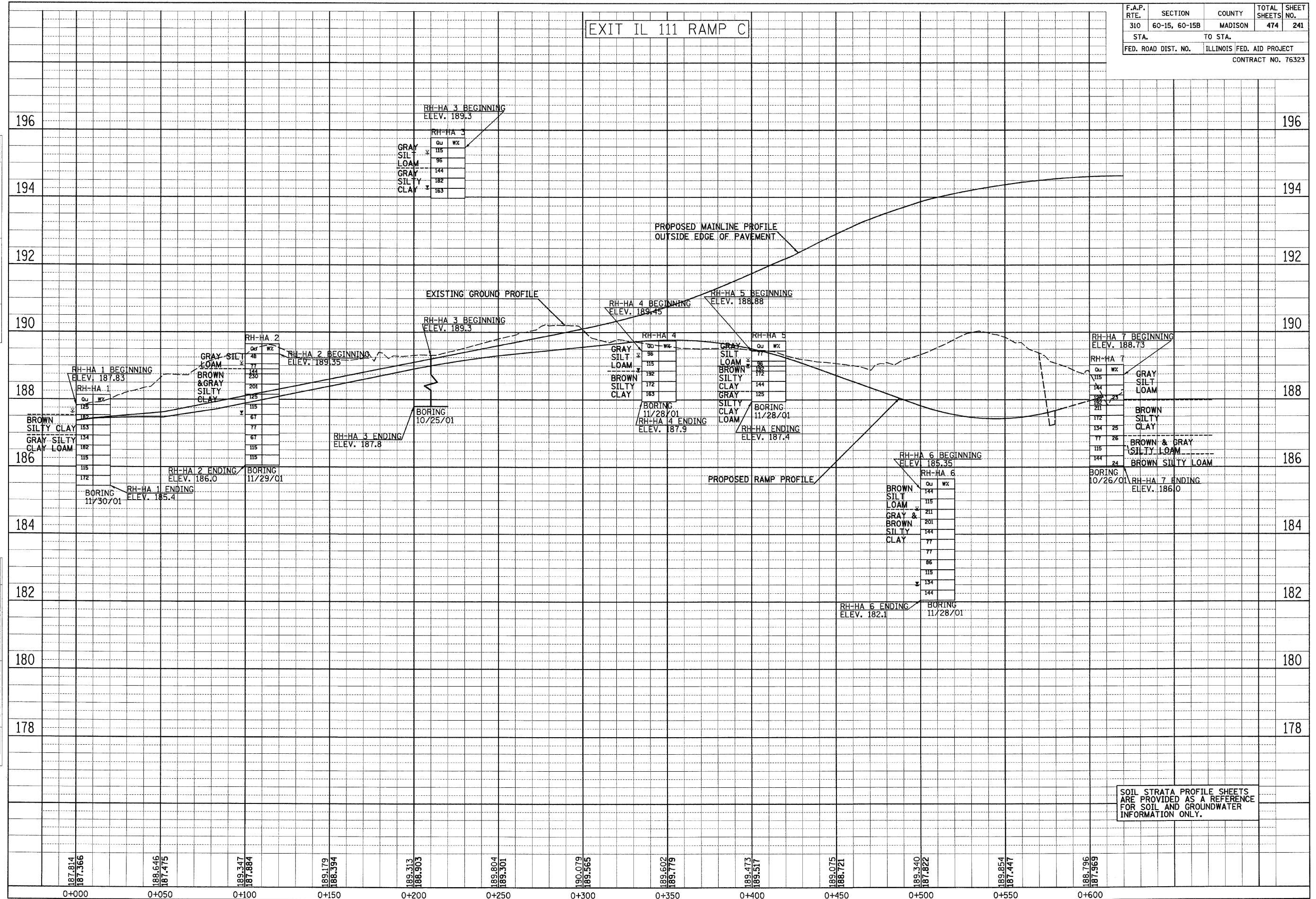
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| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS CHECKED | | |

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| ORIGINAL SURVEY | SURVEYED | BY | DATE |
| SURVEY PLOTTED | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15, 60-15B | MADISON | 474 | 241 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | |
| CONTRACT NO. 76323 | | | | |

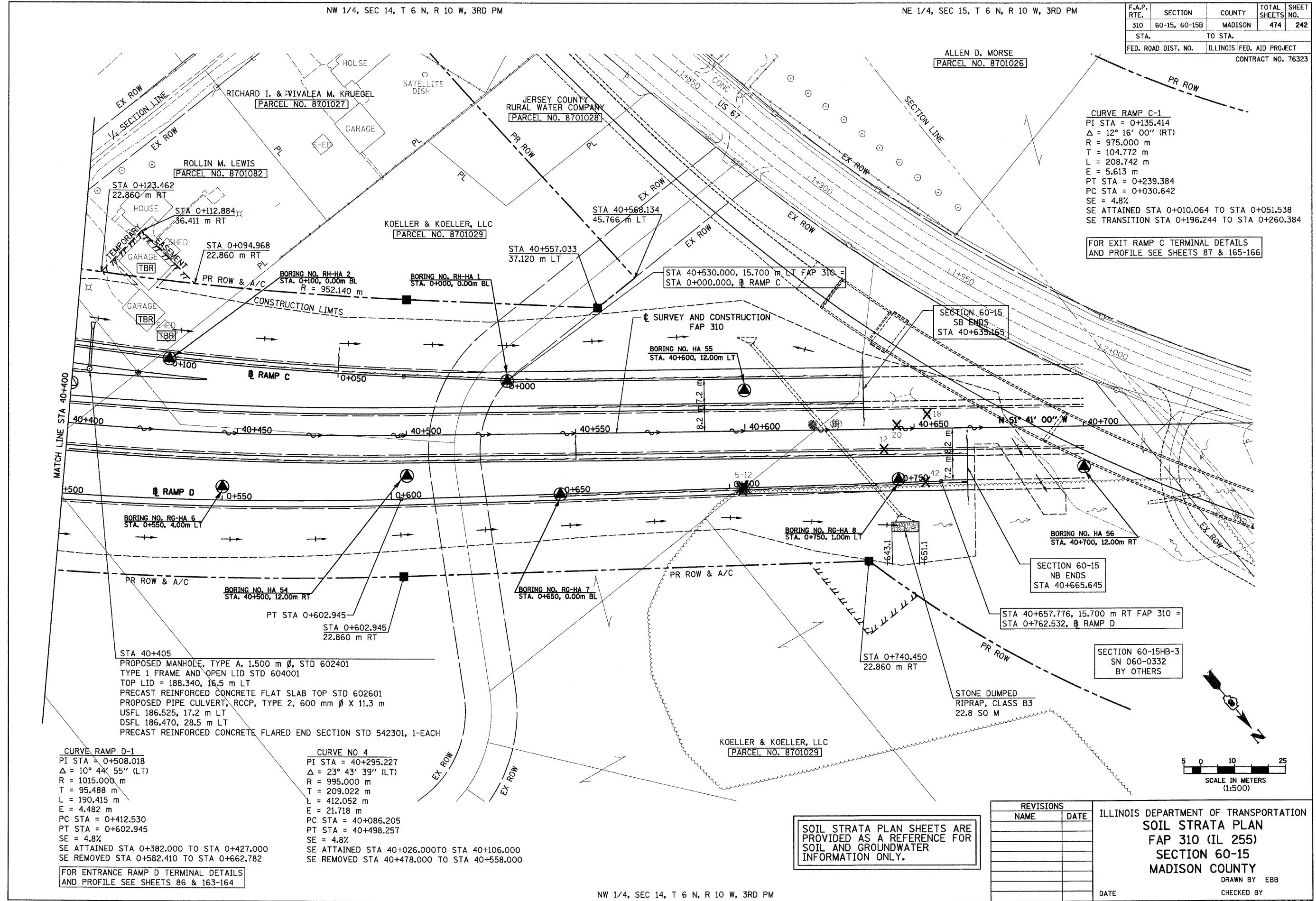


6/28/2007

NW 1/4, SEC 14, T 6 N, R 10 W, 3RD PM

NE 1/4, SEC 15, T 6 N, R 10 W, 3RD PM

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------------|---------------------------|--------------|-----------|
| 310 | 60-15, 60-15B | MADISON | 474 | 242 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |



CURVE RAMP C-1
 PI STA = 0+135.414
 Δ = 12° 16' 00" (RT)
 R = 975.000 m
 T = 104.772 m
 L = 208.742 m
 E = 5.613 m
 PT STA = 0+239.384
 PC STA = 0+030.642
 SE = 4.8%
 SE ATTAINED STA 0+010.064 TO STA 0+051.538
 SE TRANSITION STA 0+196.244 TO STA 0+260.384

FOR EXIT RAMP C TERMINAL DETAILS AND PROFILE SEE SHEETS 87 & 165-166

STA 40+405
 PROPOSED MANHOLE, TYPE A, 1.500 m Ø, STD 602401
 TYPE 1 FRAME AND OPEN LID STD 604001
 TOP LID = 188.340, 16.5 m LT
 PRECAST REINFORCED CONCRETE FLAT SLAB TOP STD 602601
 PROPOSED PIPE CULVERT, RCCP, TYPE 2, 600 mm Ø X 11.3 m
 USFL 186.525, 17.2 m LT
 DSFL 186.470, 28.5 m LT
 PRECAST REINFORCED CONCRETE FLARED END SECTION STD 542301, 1-EACH

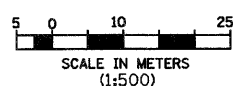
CURVE RAMP D-1
 PI STA = 0+508.018
 Δ = 10° 44' 55" (LT)
 R = 1015.000 m
 T = 95.488 m
 L = 190.415 m
 E = 4.482 m
 PT STA = 0+412.530
 PC STA = 0+602.945
 SE = 4.8%
 SE ATTAINED STA 0+382.000 TO STA 0+427.000
 SE REMOVED STA 0+582.410 TO STA 0+662.782

CURVE NO 4
 PI STA = 40+295.227
 Δ = 23° 43' 39" (LT)
 R = 995.000 m
 T = 209.022 m
 L = 412.052 m
 E = 21.718 m
 PC STA = 40+086.205
 PT STA = 40+498.257
 SE = 4.8%
 SE ATTAINED STA 40+026.000 TO STA 40+106.000
 SE REMOVED STA 40+478.000 TO STA 40+558.000

SOIL STRATA PLAN SHEETS ARE PROVIDED AS A REFERENCE FOR SOIL AND GROUNDWATER INFORMATION ONLY.

| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL STRATA PLAN
FAP 310 (IL 255)
SECTION 60-15
MADISON COUNTY
 DRAWN BY EBB
 CHECKED BY
 DATE



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NW 1/4, SEC 14, T 6 N, R 10 W, 3RD PM

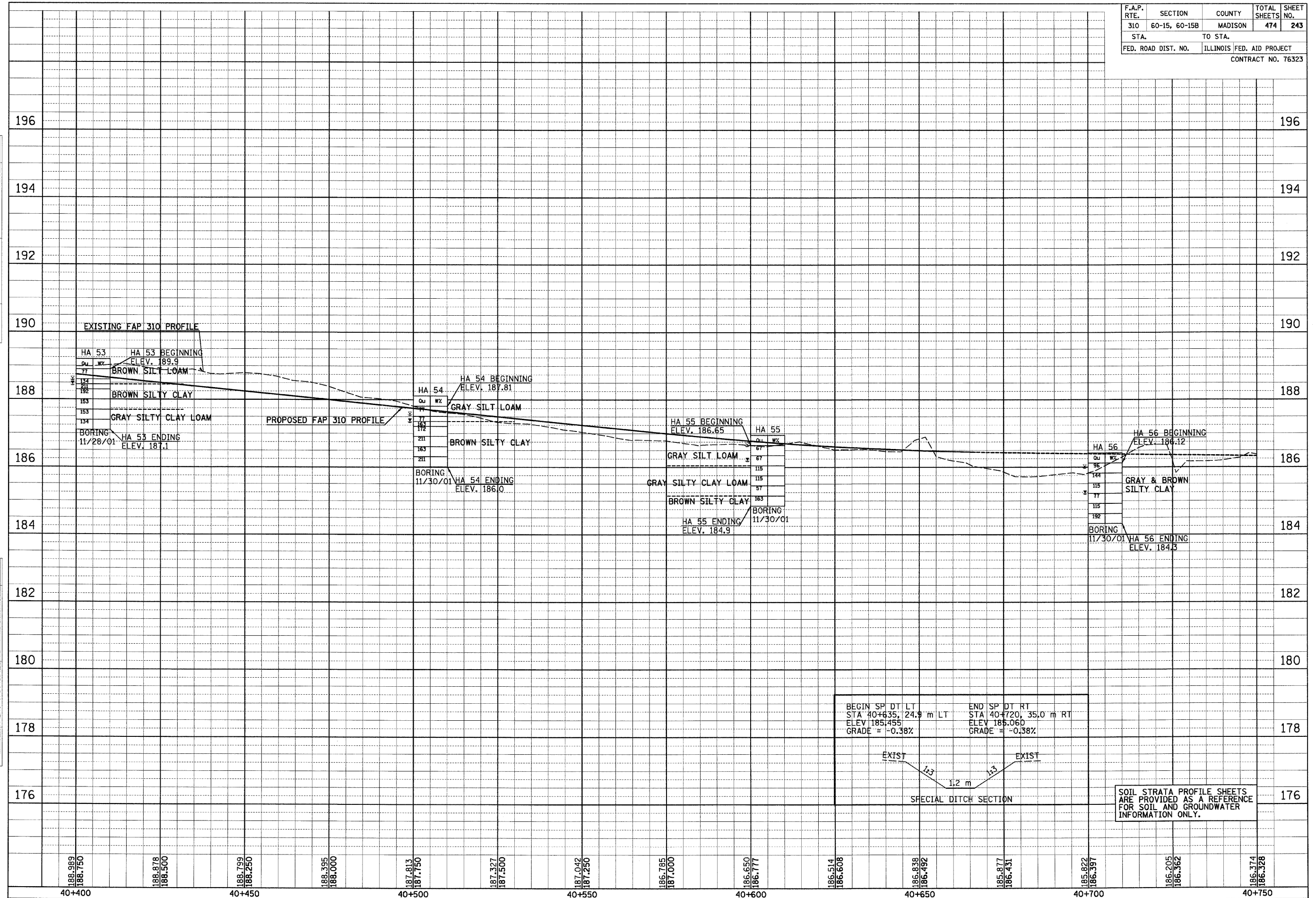
IL 255 (FAP 310), STA 40+400 TO STA 40+665.645

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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 310 | 60-15, 60-15B | MADISON | 474 | 243 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |

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12/23/2009

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B.M. 3014 - Railroad spike in 760 mm (30") diameter tree located near west edge of field.
Sta. 35+362.7, 30.8 m Rt., Elev. 149.445

Existing Structure: None

Indicates Soil Boring

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

STATION 35+291.000
BUILT 200_ BY
STATE OF ILLINOIS
F.A.P. RT. 310 SEC. 60-15B
LOADING MS18
STR. NO. 060-2043

NAME PLATE

See Std. 515001

| ROUTE NO. | SECTION | COUNTY | SHEETS | SHEET NO. |
|-----------------------|----------|-------------------|--------|-----------|
| F.A.P. 310 | 60-15B | MADISON | 474 | 244 |
| FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT- | | |

SHEET NO. 1
9 SHEETS

GENERAL NOTES

- All construction joints shall be bonded.
- Precast alternate is NOT allowed.
- Reinforcement bars shall conform to the requirements of ASTM A 706M Grade 420. See Special Provisions.
- Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.
- A distance of half the length of the wingwall but not less than 2 m of the barrel shall be poured monolithically with the wingwalls.
- All dimensions are in millimeters (mm) except as noted.

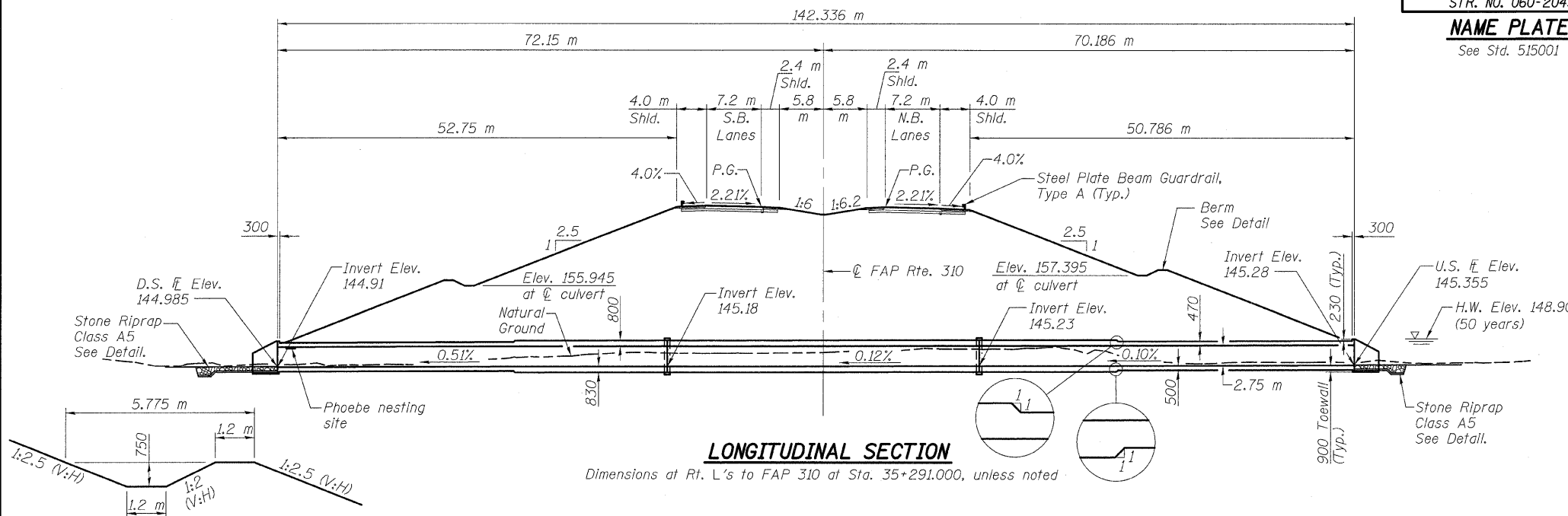
Contract No. 76323

TOTAL BILL OF MATERIAL

| ITEM | UNIT | TOTAL |
|------------------------|----------------|---------|
| Name Plates | each | 1 |
| Stone Riprap, Class A5 | m ² | 432 |
| Filter Fabric | m ² | 432 |
| Concrete Box Culverts | m ³ | 2878.2 |
| Reinforcement Bars | kg | 527,220 |

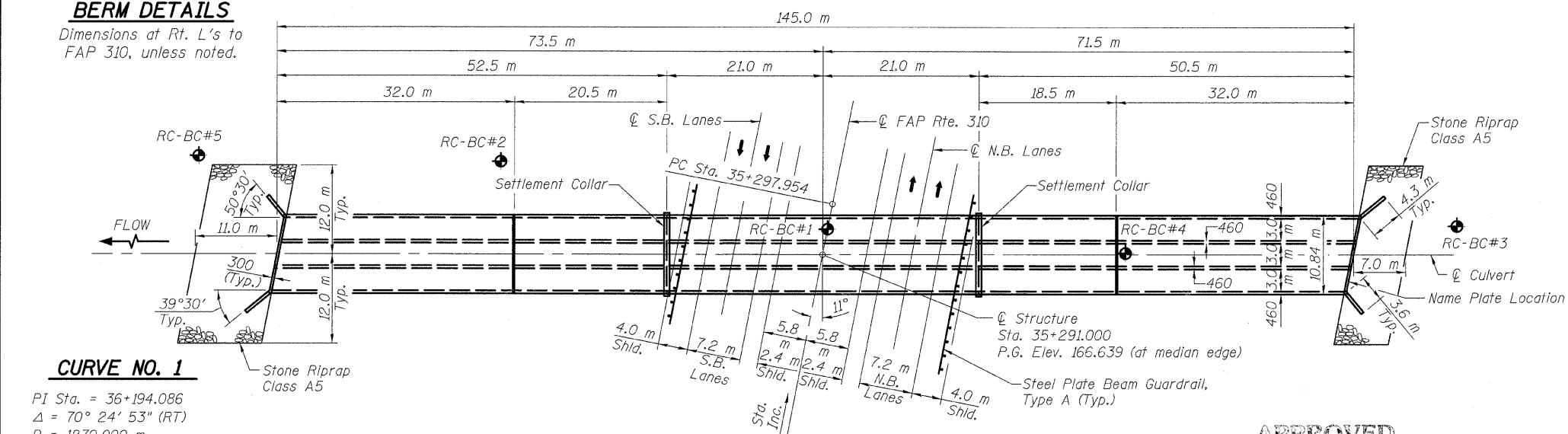
LONGITUDINAL SECTION

Dimensions at Rt. L's to FAP 310 at Sta. 35+291.000, unless noted

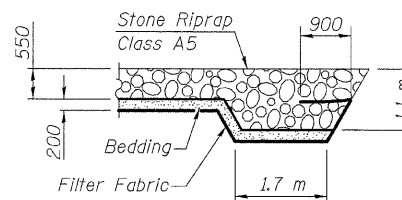


BERM DETAILS

Dimensions at Rt. L's to FAP 310, unless noted.



PLAN



FLANK STONE RIPRAP DETAIL

INDEX OF SHEETS

- General Plan
- Plan and Elevation
- Plan and Wingwall Sections
- Longitudinal Section
- Details
- Details
- 7-9 Soil Boring Logs



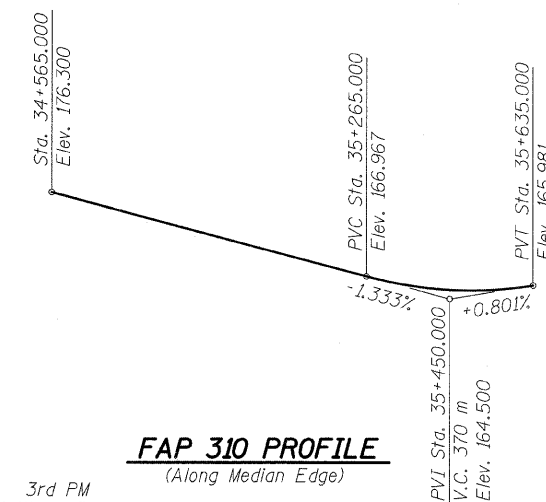
APPROVED
FOR STRUCTURAL ADEQUACY ONLY

Alan D. Lukens
ENGINEER OF BRIDGES AND STRUCTURES

Alan D. Lukens
Licensed Structural Engineer
State of Illinois No. 081-005167
License Expires 11/30/10

12-28-09
Date

FAP 310 PROFILE (Along Median Edge)



CURVE NO. 1

PI Sta. = 36+194.086
 $\Delta = 70^\circ 24' 53''$ (RT)
 R = 1270.000 m
 T = 896.132 m
 L = 1560.792 m
 E = 284.333 m
 PC Sta. = 35+297.954
 PT Sta. = 36+858.745
 SE = 4.1%
 SE Attained Sta. 35+238.000 To Sta. 35+318.000
 SE Removed Sta. 36+839.000 To Sta. 36+919.000

WATERWAY INFORMATION

Drainage Area = 8.82 sq. km Low Grade Elev. 165.425 @ Sta. 35+496.180

| Flood | Freq. Yr. | Q C.M.S. | Opening m ² | | Head - m | | Headwater El. | | |
|-------------|-----------|----------|------------------------|-------|----------|-------|---------------|-----|--------|
| | | | Exist. | Prop. | Exist. | Prop. | | | |
| Design | 50 | 72.4 | n/a | 24.75 | 148.90 | n/a | 0.00 | n/a | 148.90 |
| Base | 100 | 83.8 | n/a | 24.75 | 149.03 | n/a | 0.24 | n/a | 149.27 |
| Overtopping | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Max. Calc. | 500 | 111.9 | n/a | 24.75 | 142.28 | n/a | 1.10 | n/a | 150.38 |

① at upstream face of culvert

LOADING MS18

Allow 2.4 kN/m² for future wearing surface.

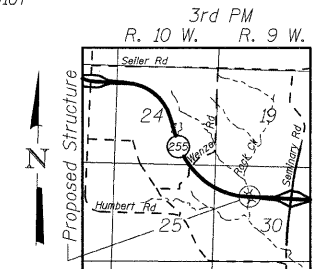
DESIGN SPECIFICATIONS

2002 AASHTO

DESIGN STRESSES

FIELD UNITS

$f'_c = 24$ MPa
 $f_y = 420$ MPa (reinforcement)



LOCATION SKETCH

GENERAL PLAN
 FAP RTE 310 (IL RTE 255)
 OVER ROCK CREEK
 SECTION 60-15B
 MADISON COUNTY
 STATION 35+291.000
 S.N. 060-2043

KLINGNER & ASSOCIATES, P.C.

Engineers - Architects - Surveyors

155 North 24th Street, Quincy, IL
 61701-2233-3678 - Fax: (217) 223-3683
 1408 N. Park Street, Hannibal, MO
 63501-1414 - Fax: (573) 221-4812
 149 North Prairie Street, Galena, IL
 61734-1414 - Fax: (815) 221-5085
 Internet Address: www.klingner.com

STATE OF ILLINOIS DESIGN FIRM # 1842738

| | |
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| DESIGNED | ADL |
| CHECKED | WLW |
| DRAWN | ADL |
| CHECKED | WLW |

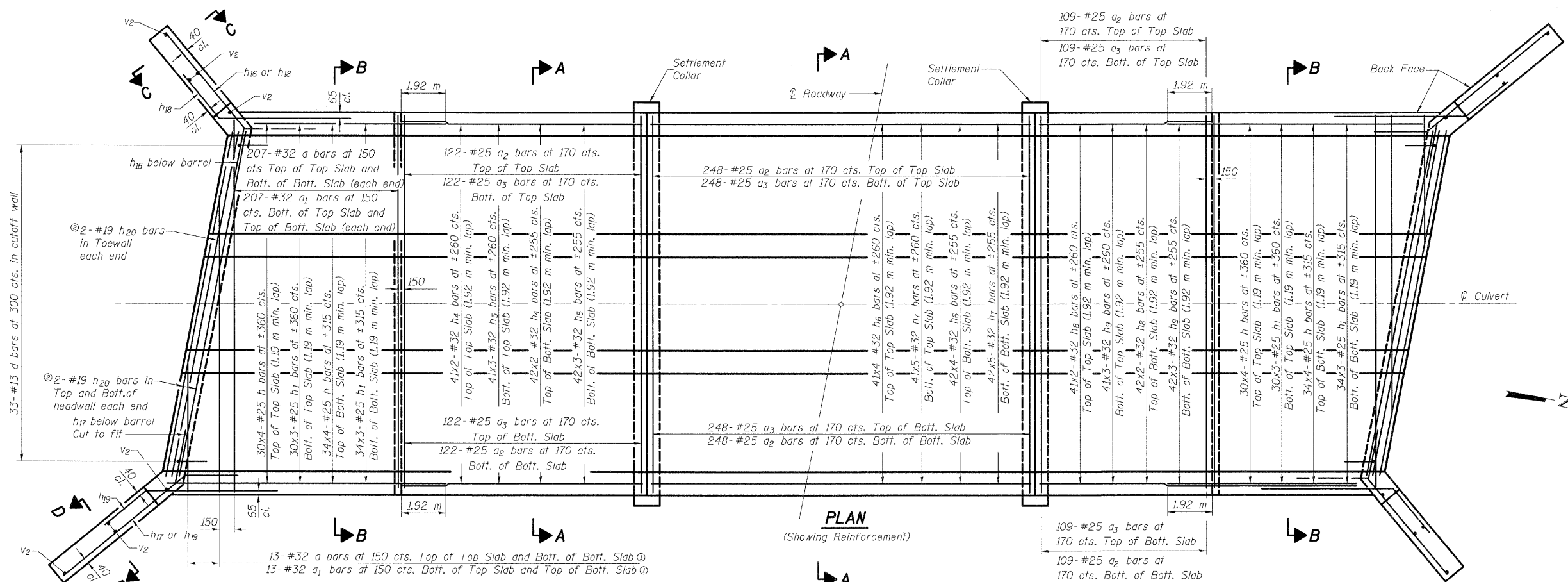
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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| ROUTE NO. | SECTION | COUNTY | SHEET NO. | SHEET NO. |
| F.A.P. 310 | 60-15B | MADISON | 474 | 246 |
| FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT | | |

Contract No. 76323

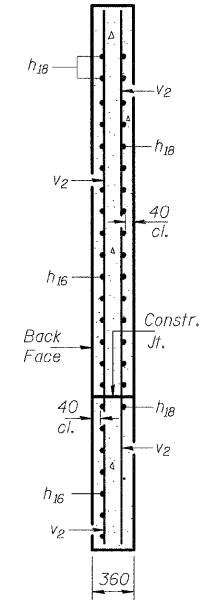
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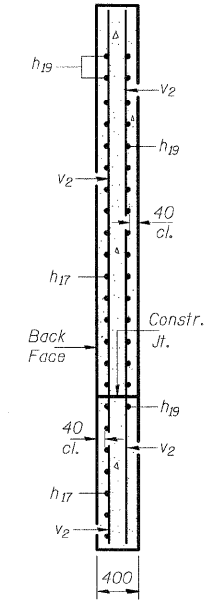


PLAN
(Showing Reinforcement)

- ① Cut a and a₁ bars to fit skew. Use balance of bar in opposite end.
- ② See longitudinal section on sheet #4 of 9 for placement of h₂₀ bars.



SECTION C-C
(Short Wingwall)



SECTION D-D
(Long Wingwall)

Notes: Bars indicated thus 12 x 4 - #15 etc. indicates 12 lines of bars with 4 lengths per line.
See sheet #5 of 9 for Sections A-A & B-B.

| | |
|----------|-----|
| DESIGNED | ADL |
| CHECKED | WLW |
| DRAWN | KAH |
| CHECKED | WLW |

PLAN AND WINGWALL SECTIONS
FAP RTE 310 (IL RTE 255)
OVER ROCK CREEK
SECTION 60-15B
MADISON COUNTY
STATION 35+291.000
S.N. 060-2043

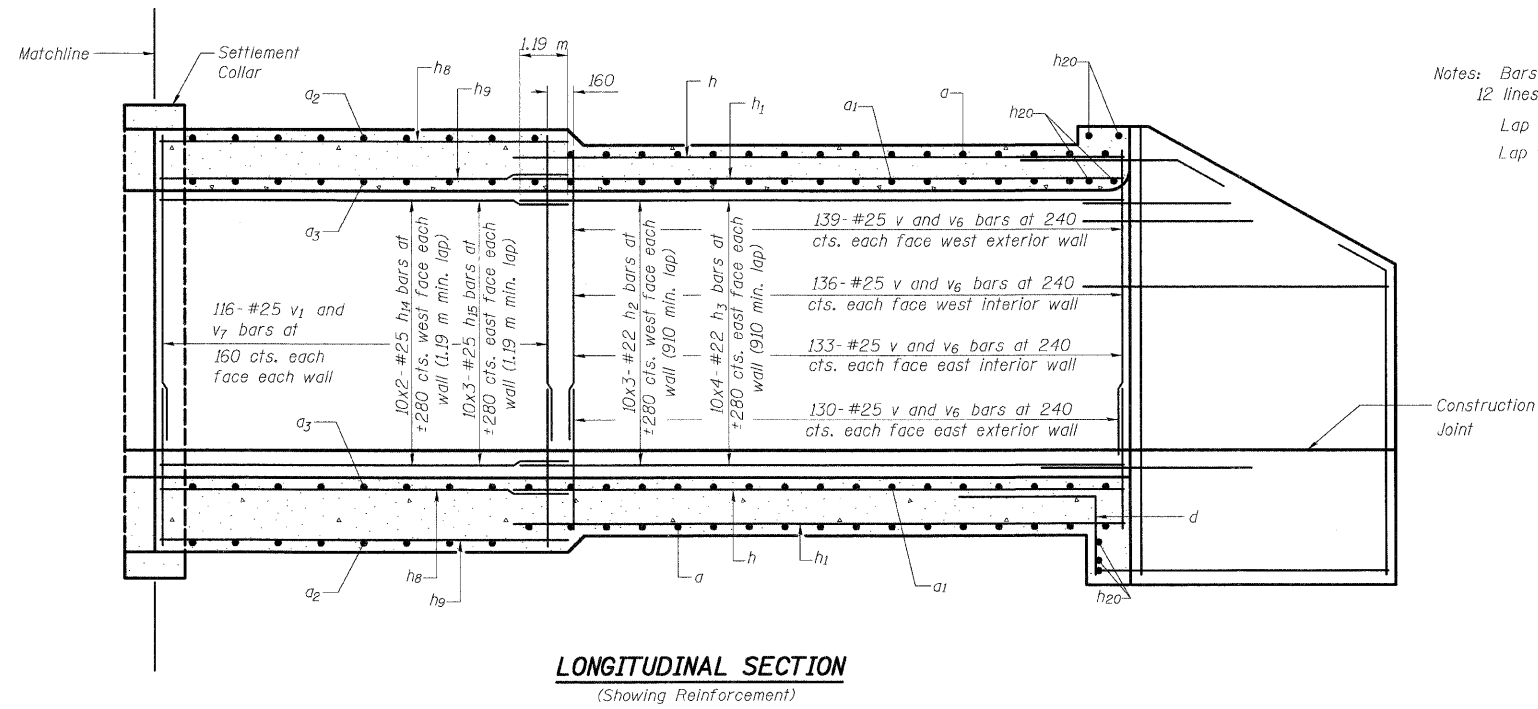
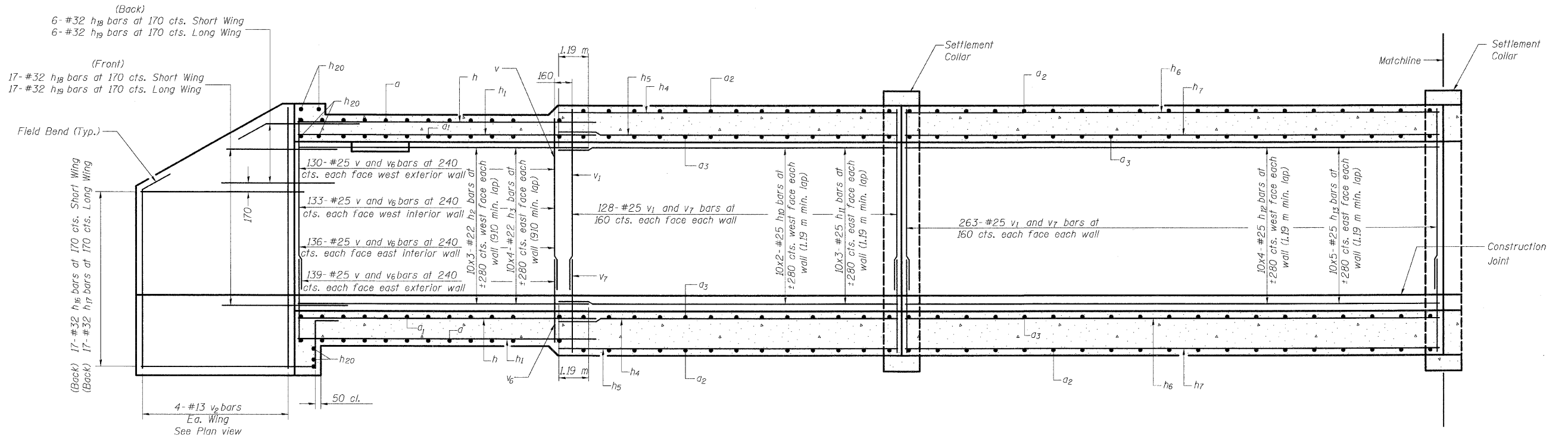
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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| ROUTE NO. | SECTION | COUNTY | SHEET NO. | SHEET NO. |
| F.A.P. 310 | 60-15B | MADISON | 474 | 247 |
| FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT | | 9 SHEETS |

Contract No. 76323

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Notes: Bars indicated thus 12 x 4 -#15 etc. indicates 12 lines of bars with 4 lengths per line.
Lap v bars with v6 bars.
Lap v1 bars with v7 bars.

| | |
|----------|-----|
| DESIGNED | ADL |
| CHECKED | WLW |
| DRAWN | KAH |
| CHECKED | WLW |

LONGITUDINAL SECTION
(Showing Reinforcement)

LONGITUDINAL SECTION
FAP RTE 310 (IL RTE 255)
OVER ROCK CREEK
SECTION 60-15B
MADISON COUNTY
STATION 35+291.000
S.N. 060-2043

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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|-----------------------|----------|------------------|--------------|-----------|
| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| F.A.P. 310 | 60-15B | MADISON | 474 | 248 |
| FED. ROAD DIST. NO. 7 | DIVISION | FED. AID PROJECT | | |

SHEET NO. 5
9 SHEETS

Contract No. 76323

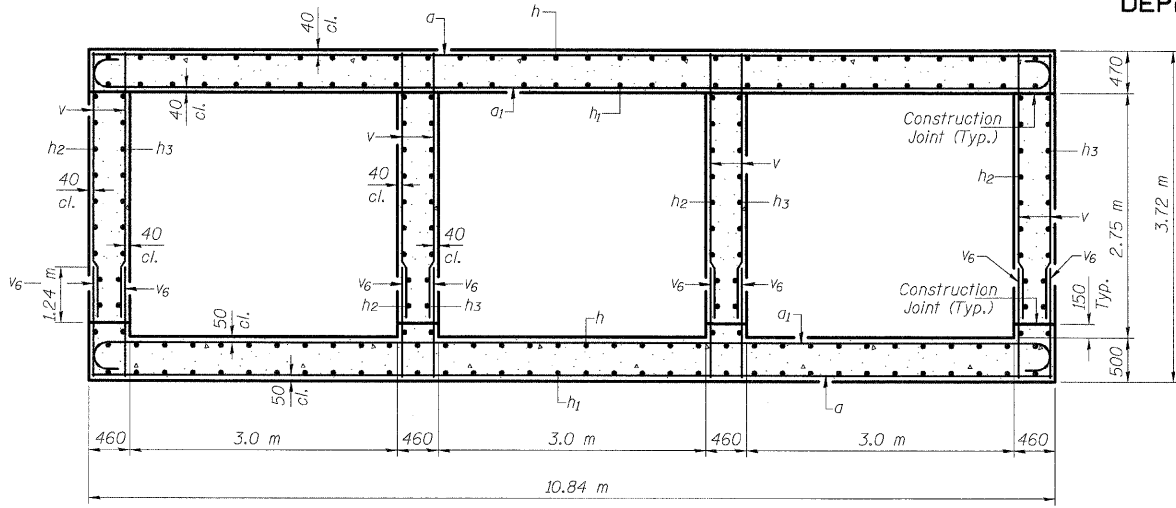
BILL OF MATERIAL

| Bar | No. | Size | Length (m) | Shape |
|-----------------------|------|----------------|------------|-------|
| a | 854 | #32 | 10.76 | — |
| a ₁ | 854 | #32 | 11.62 | U |
| a ₂ | 958 | #25 | 10.76 | — |
| a ₃ | 958 | #25 | 11.32 | U |
| a ₄ | 18 | #25 | 11.37 | — |
| a ₅ | 10 | #25 | 13.57 | — |
| d | 66 | #13 | 1.36 | L |
| h | 512 | #25 | 9.61 | — |
| h ₁ | 384 | #25 | 12.42 | — |
| h ₂ | 240 | #22 | 12.00 | — |
| h ₃ | 320 | #22 | 9.23 | — |
| h ₄ | 166 | #32 | 11.19 | — |
| h ₅ | 249 | #32 | 8.10 | — |
| h ₆ | 332 | #32 | 11.92 | — |
| h ₇ | 415 | #32 | 9.92 | — |
| h ₈ | 166 | #32 | 10.19 | — |
| h ₉ | 249 | #32 | 7.44 | — |
| h ₁₀ | 80 | #25 | 10.83 | — |
| h ₁₁ | 120 | #25 | 7.61 | — |
| h ₁₂ | 160 | #25 | 11.37 | — |
| h ₁₃ | 200 | #25 | 9.34 | — |
| h ₁₄ | 80 | #25 | 9.83 | — |
| h ₁₅ | 120 | #25 | 6.95 | — |
| h ₁₆ | 34 | #32 | 4.50 | — |
| h ₁₇ | 34 | #32 | 5.20 | — |
| h ₁₈ | 46 | #32 | 2.90 | — |
| h ₁₉ | 46 | #32 | 2.90 | — |
| h ₂₀ | 12 | #19 | 10.45 | — |
| s | 140 | #13 | 1.93 | □ |
| s ₁ | 76 | #13 | 1.99 | □ |
| v | 2152 | #25 | 2.99 | — |
| v ₁ | 4056 | #25 | 3.32 | — |
| v ₂ | 16 | #13 | 4.27 | — |
| v ₃ | 20 | #25 | 4.99 | — |
| v ₄ | 20 | #25 | 5.51 | — |
| v ₅ | 20 | #25 | 1.48 | — |
| v ₆ | 2152 | #25 | 1.89 | — |
| v ₇ | 4056 | #25 | 2.17 | — |
| Concrete Box Culverts | | m ³ | 2878.2 | |
| Reinforcement Bars | | kg | 527,220 | |

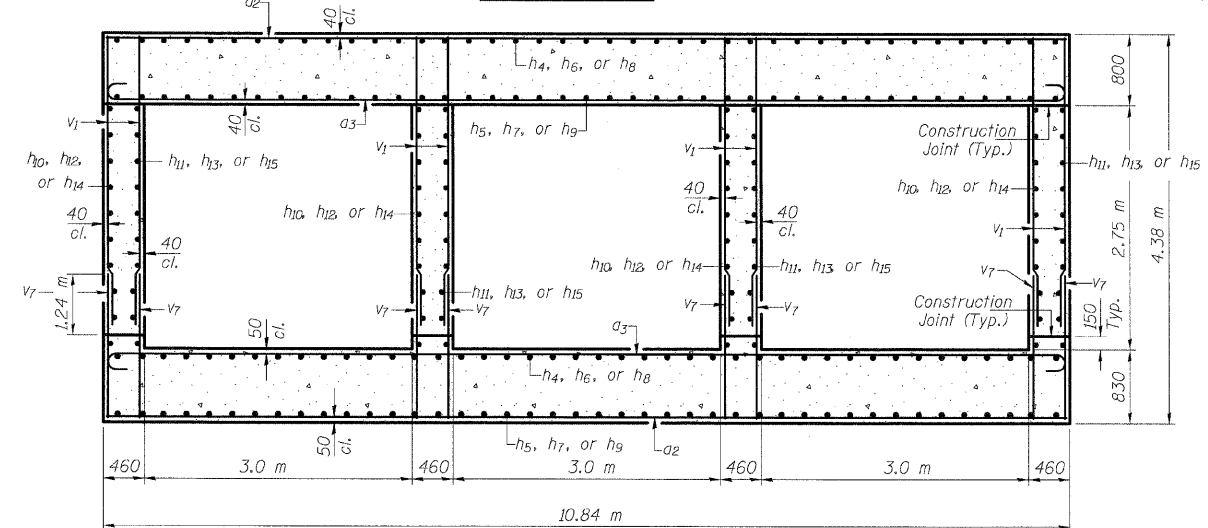
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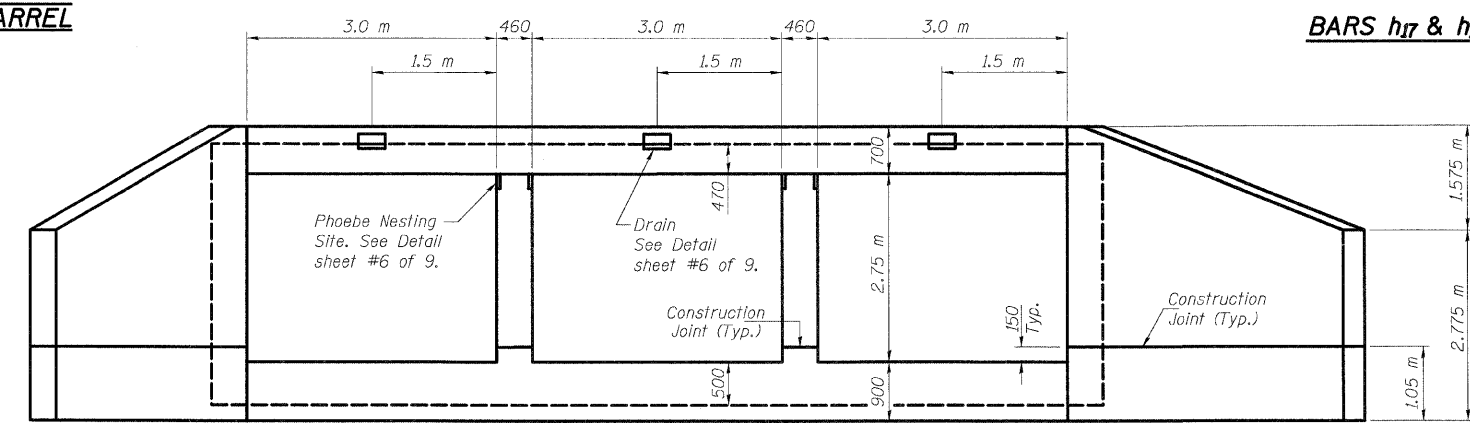
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| DRAWN | KAH |
| CHECKED | WLW |



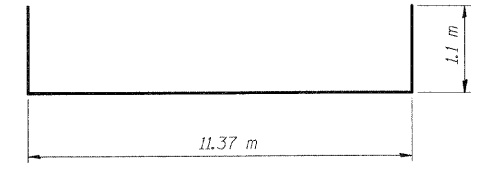
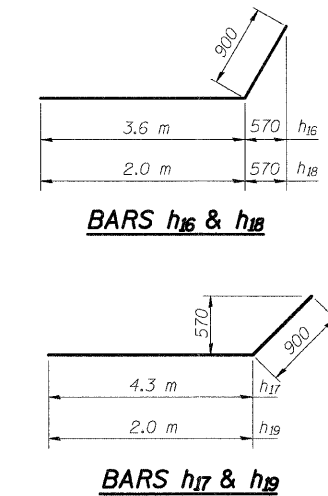
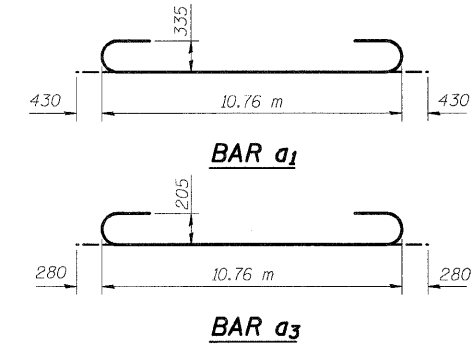
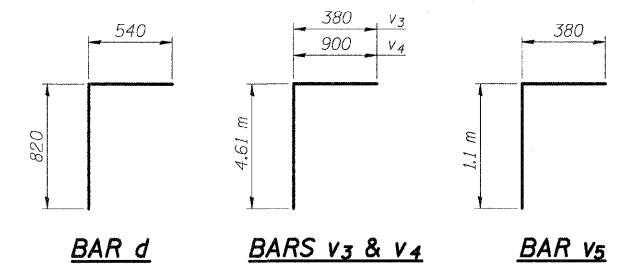
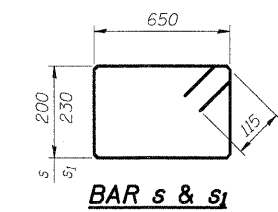
**SECTION B-B
THRU BARREL**



**SECTION A-A
THRU BARREL**



END ELEVATION



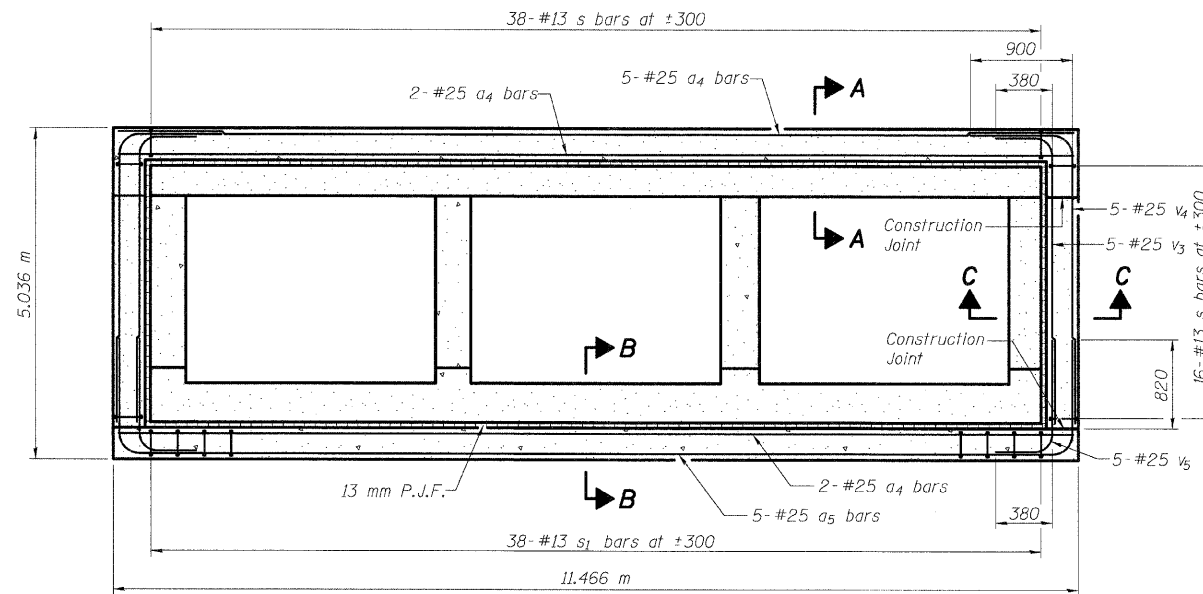
DETAILS
FAP RTE 310 (IL RTE 255)
OVER ROCK CREEK
SECTION 60-15B
MADISON COUNTY
STATION 35+291.000
S.N. 060-2043

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

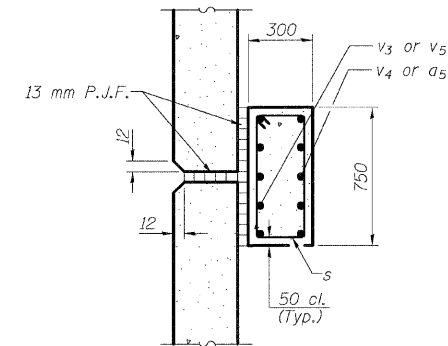
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| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| F.A.P. 310 | 60-15B | MADISON | 474 | 249 |
| FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT | | |

SHEET NO. 6
9 SHEETS

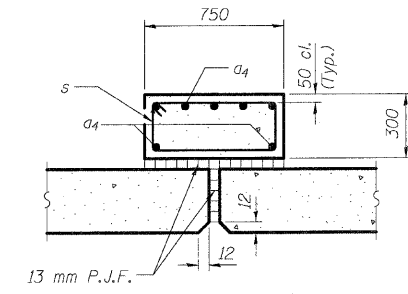
Contract No. 76323



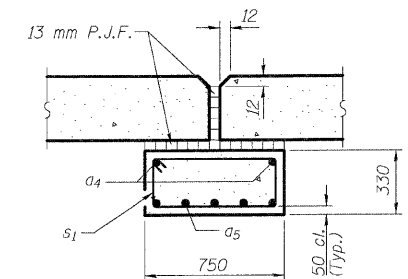
SECTION THRU BOX AT SETTLEMENT COLLAR
(2 Collars Required)



SECTION C-C THRU SIDEWALL

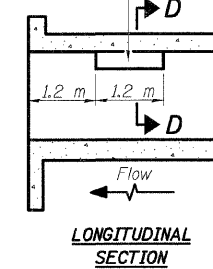


SECTION A-A THRU TOP SLAB

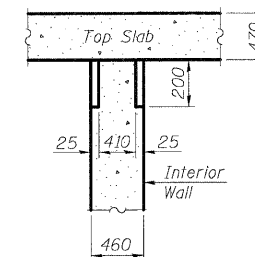


SECTION B-B THRU BOTTOM SLAB

Notch formed by rough finished board attached to and removed with formwork, each interior wall. (Do not chamfer).

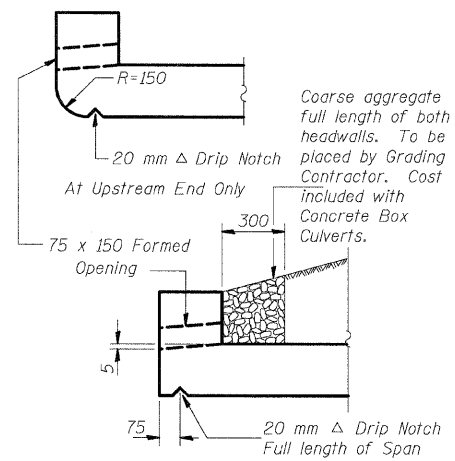


LONGITUDINAL SECTION



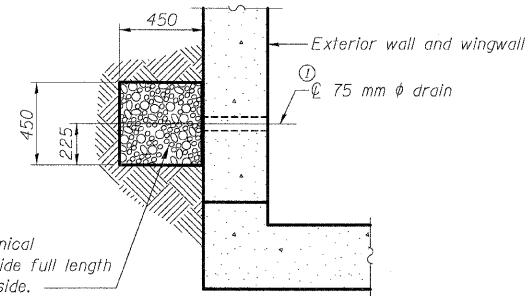
SECTION D-D

**PHOEBE NESTING
SITE DETAILS**
(Downstream End Only)



HEADWALL DRAIN DETAIL

Coarse aggregate full length of both headwalls. To be placed by Grading Contractor. Cost included with Concrete Box Culverts.



WALL DRAIN DETAIL

① CA-5 or CA-7 course aggregate wrapped completely with Geotechnical Fabric for French Drains. Provide full length of barrel and wingwall on each side.

① Cost included with "Concrete Box Culverts".

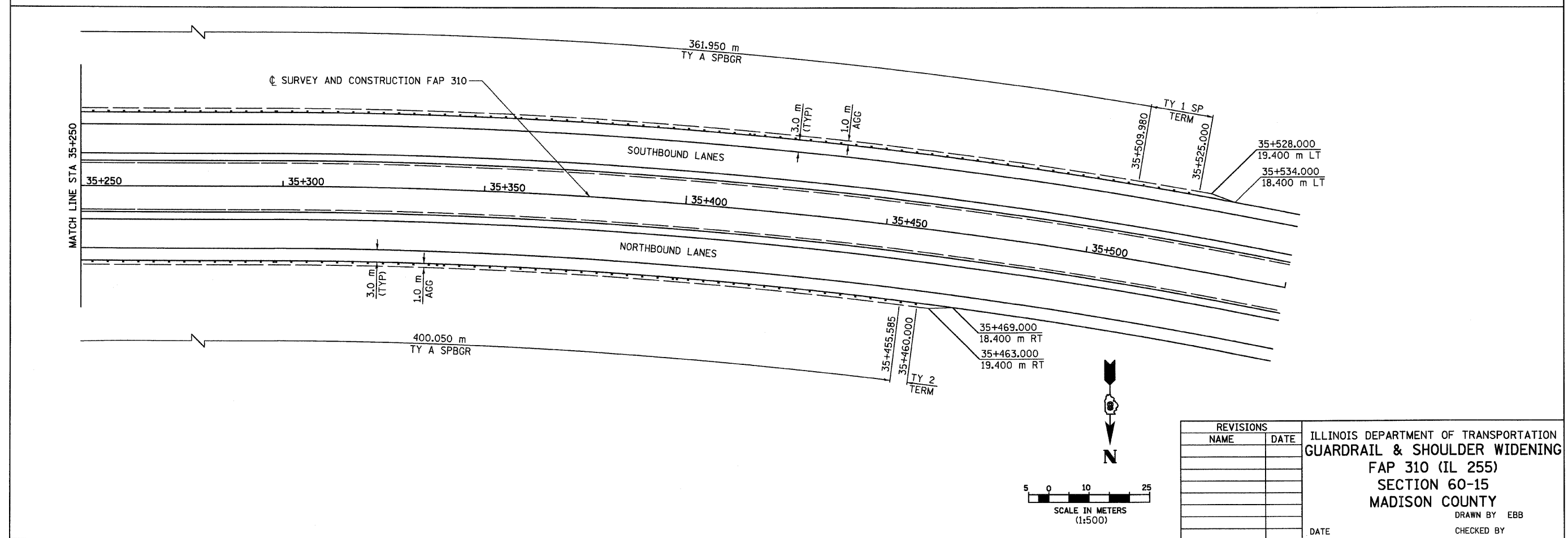
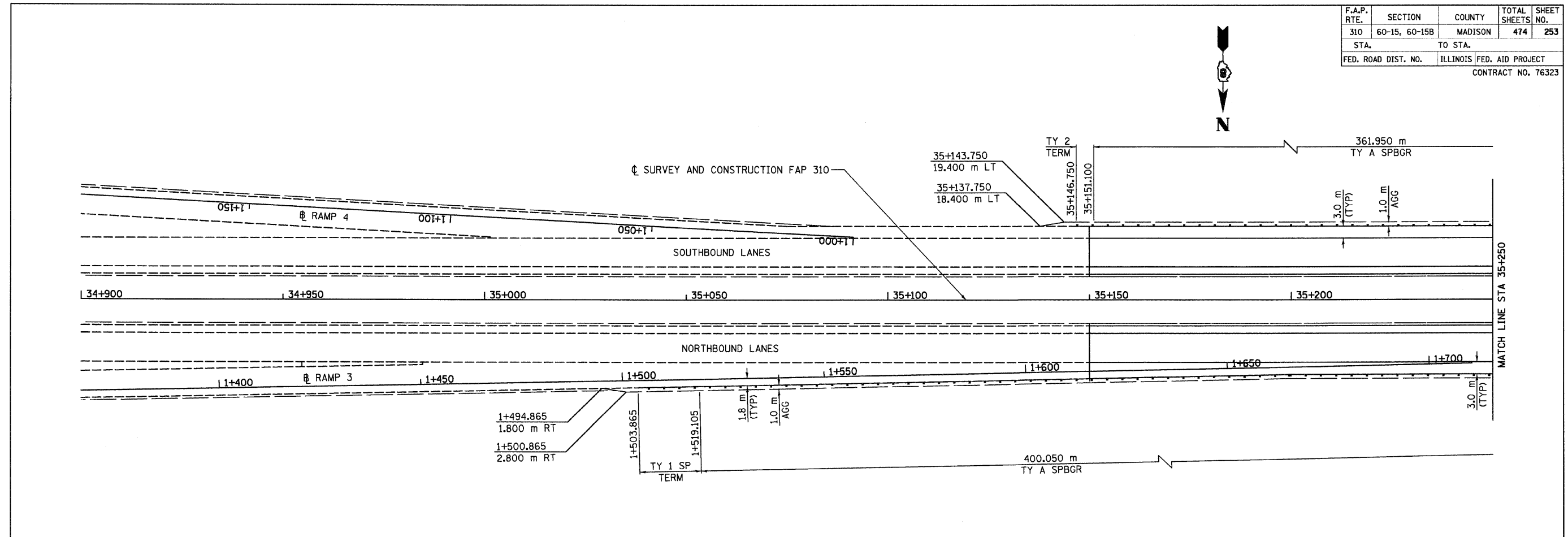
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| DESIGNED | ADL |
| CHECKED | WLW |
| DRAWN | KAH |
| CHECKED | WLW |

DETAILS
FAP RTE 310 (IL RTE 255)
OVER ROCK CREEK
SECTION 60-15B
MADISON COUNTY
STATION 35+291.000
S.N. 060-2043

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| 310 | 60-15, 60-15B | MADISON | 474 | 253 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |

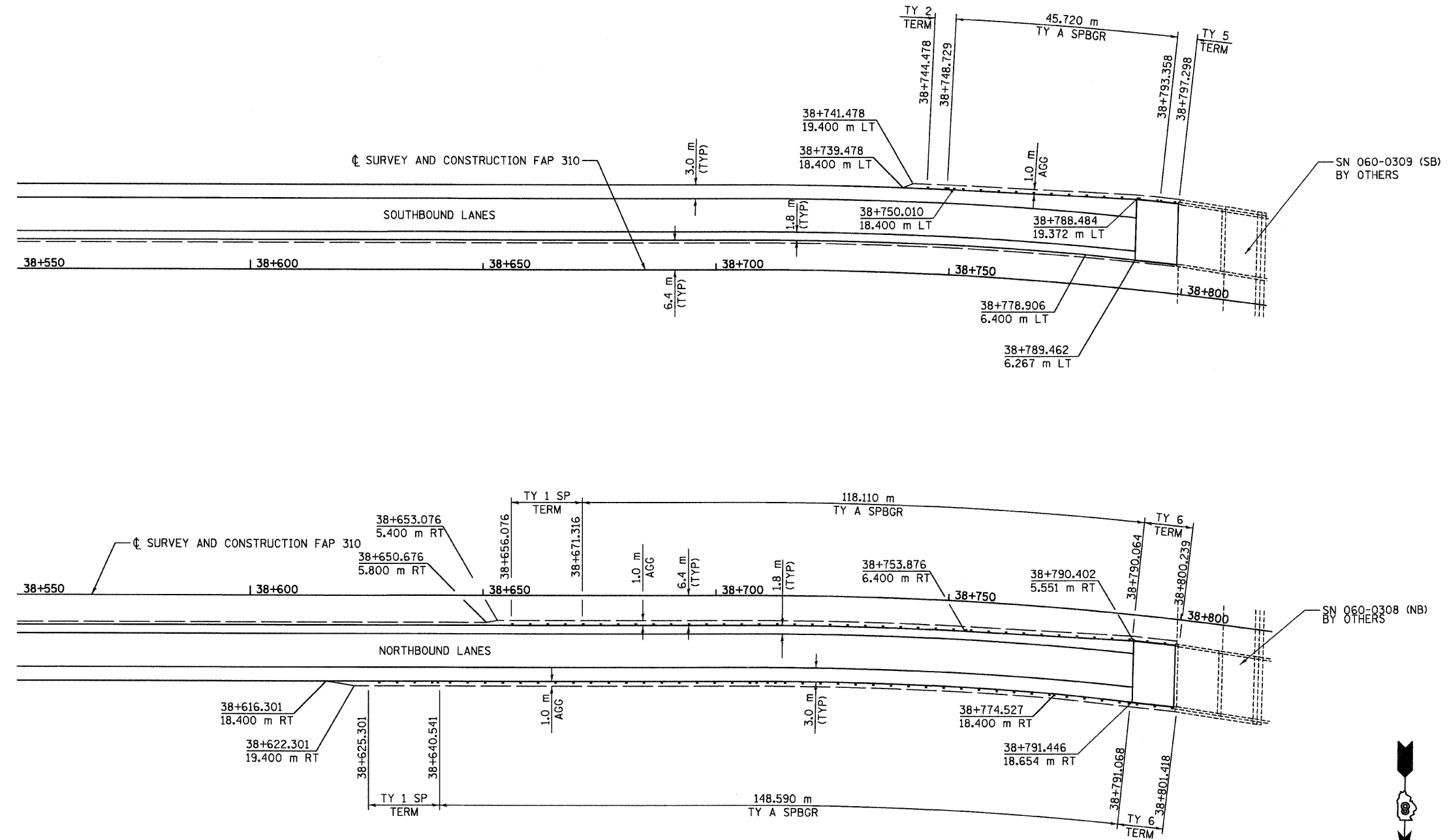


| REVISIONS | |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
 GUARDRAIL & SHOULDER WIDENING
 FAP 310 (IL 255)
 SECTION 60-15
 MADISON COUNTY
 DRAWN BY EBB
 CHECKED BY
 DATE

6/28/2007

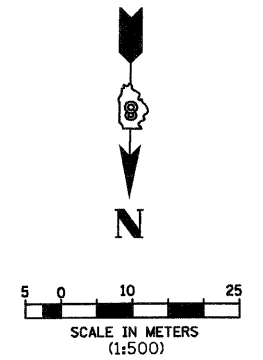
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| CONTRACT NO. 76323 | | | | |



SN 060-0309 (SB)
BY OTHERS

SN 060-0308 (NB)
BY OTHERS

NOTE: ALL STATION / OFFSETS TO EDGE OF SHOULDER

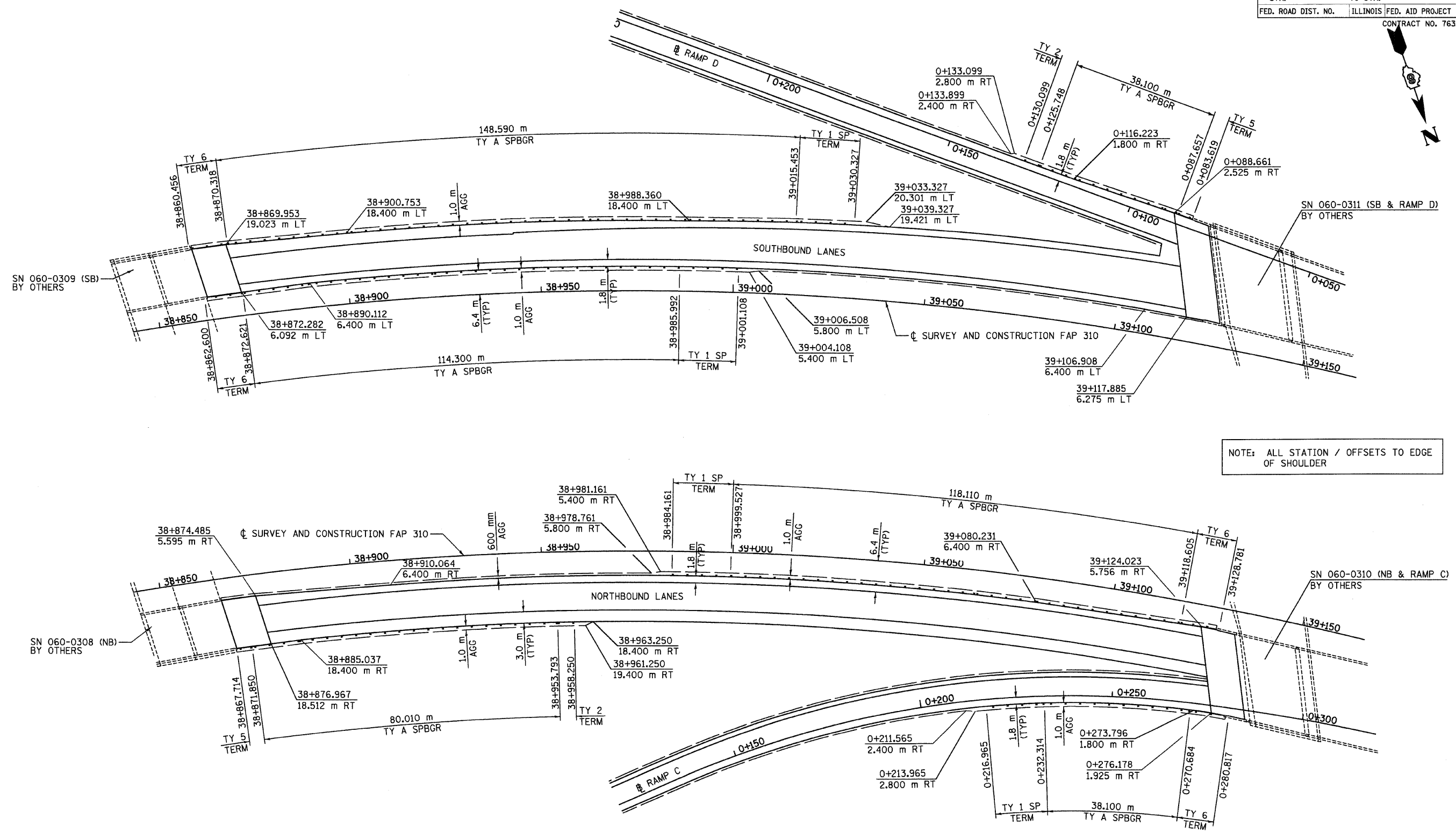


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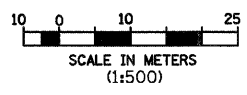
ILLINOIS DEPARTMENT OF TRANSPORTATION
GUARDRAIL & SHOULDER WIDENING
FAP 310 (IL 255)
SECTION 60-15
MADISON COUNTY
 DRAWN BY EBB
 CHECKED BY
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NOTE: ALL STATION / OFFSETS TO EDGE OF SHOULDER

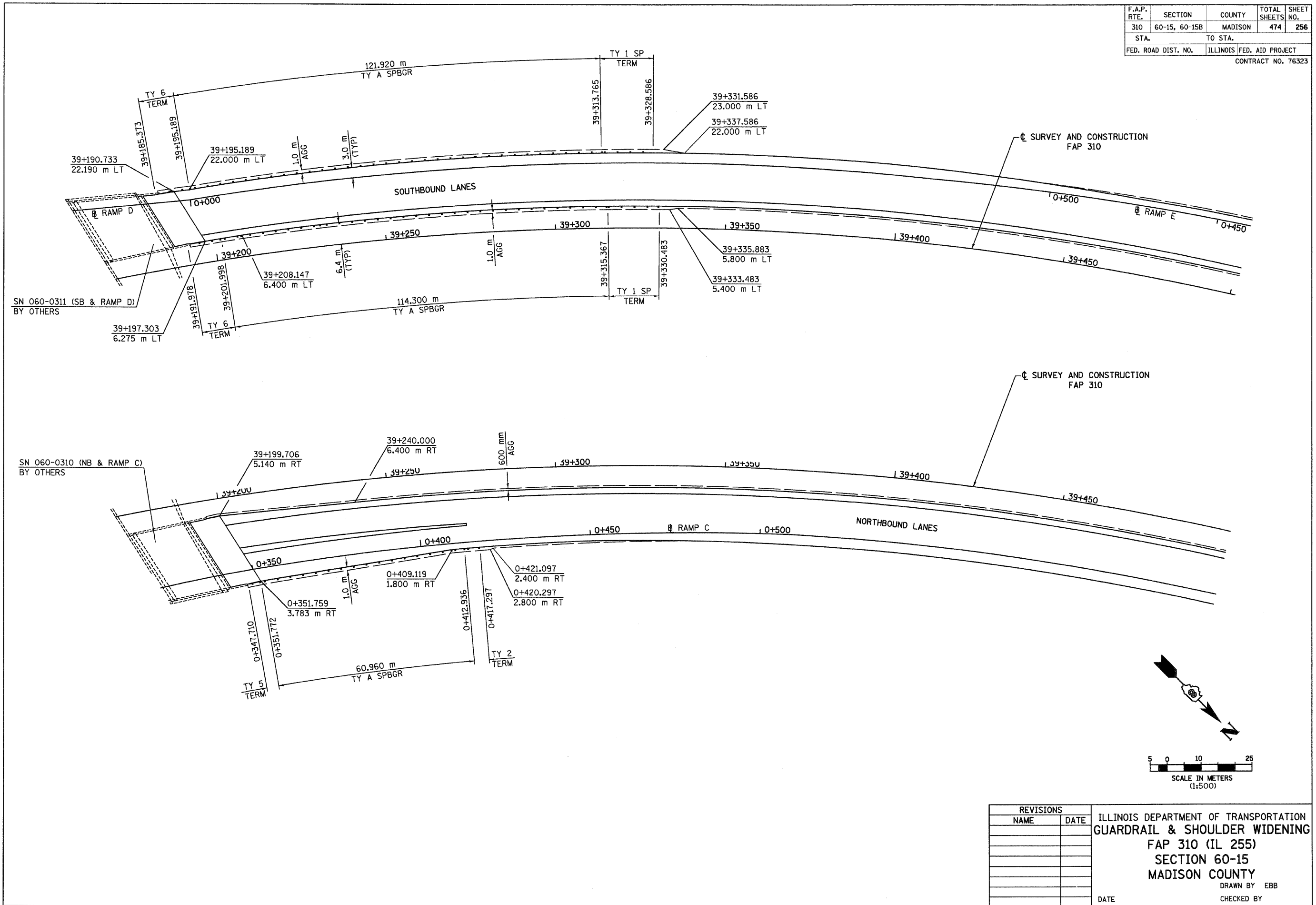


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ILLINOIS DEPARTMENT OF TRANSPORTATION
GUARDRAIL & SHOULDER WIDENING
FAP 310 (IL 255)
SECTION 60-15
MADISON COUNTY
 DRAWN BY EBB
 CHECKED BY
 DATE

6/28/2007

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| 310 | 60-15, 60-15B | MADISON | 474 | 256 |
| STA. | | TO STA. | | |
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| CONTRACT NO. 76323 | | | | |

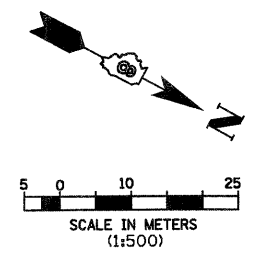
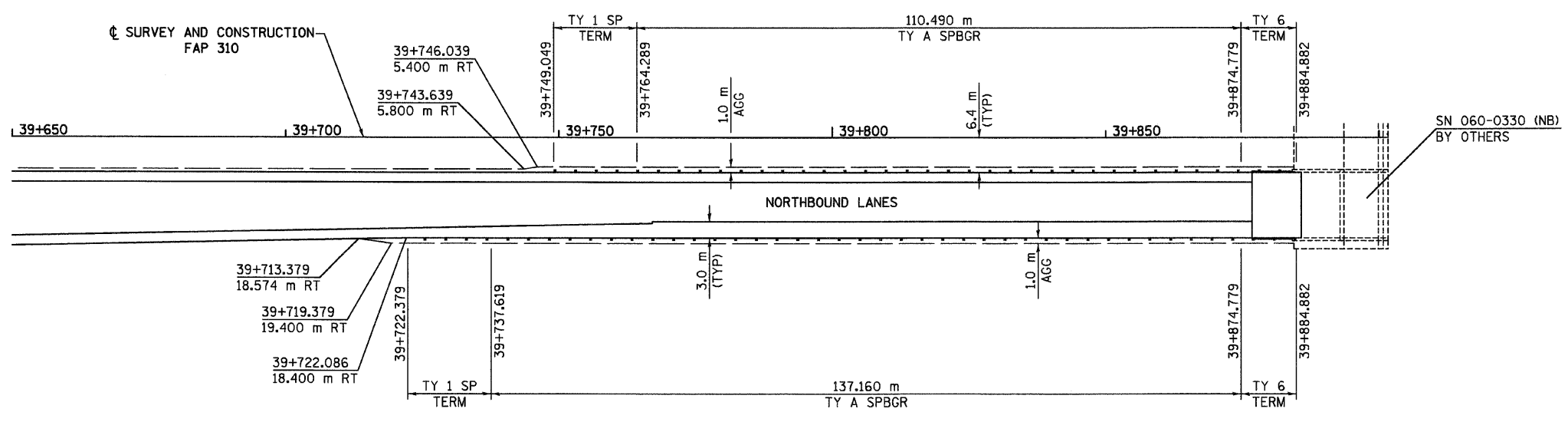
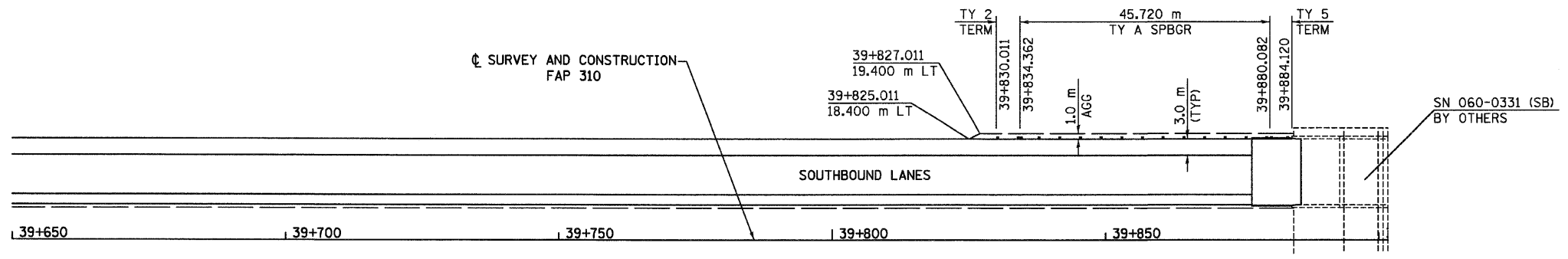


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| REVISIONS | |
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| NAME | DATE |
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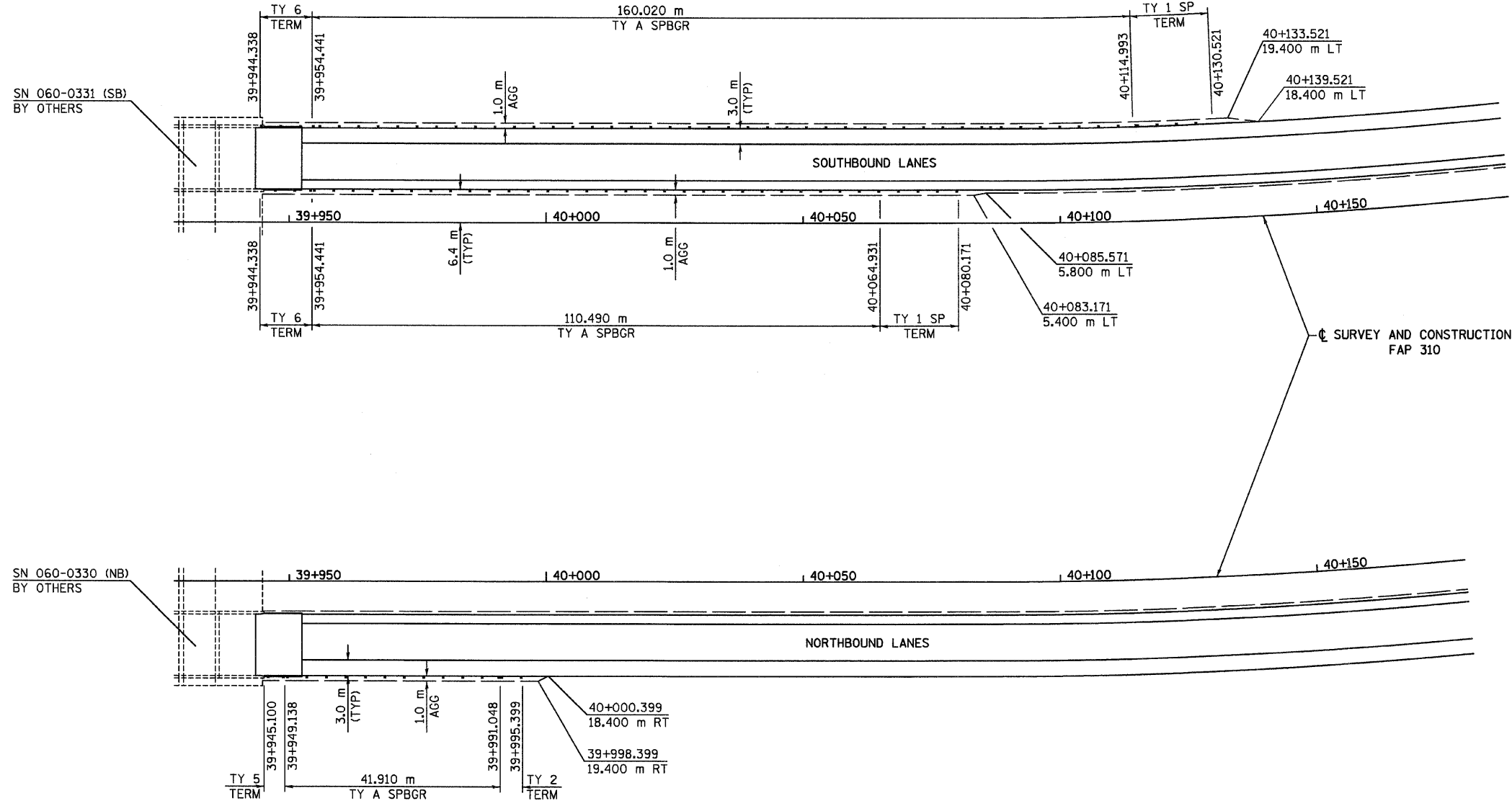
ILLINOIS DEPARTMENT OF TRANSPORTATION
GUARDRAIL & SHOULDER WIDENING
FAP 310 (IL 255)
SECTION 60-15
MADISON COUNTY
 DRAWN BY EBB
 CHECKED BY
 DATE

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| 310 | 60-15, 60-15B | MADISON | 474 | 257 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |



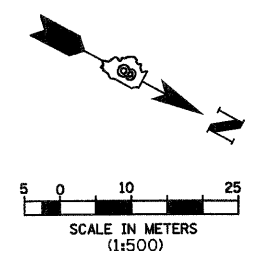
| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION GUARDRAIL & SHOULDER WIDENING FAP 310 (IL 255) SECTION 60-15 MADISON COUNTY |
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| NAME | DATE | |
| | | DRAWN BY EBB CHECKED BY DATE |
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------------|---------------------------|--------------|-----------|
| 310 | 60-15, 60-15B | MADISON | 474 | 258 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |



SN 060-0331 (SB)
BY OTHERS

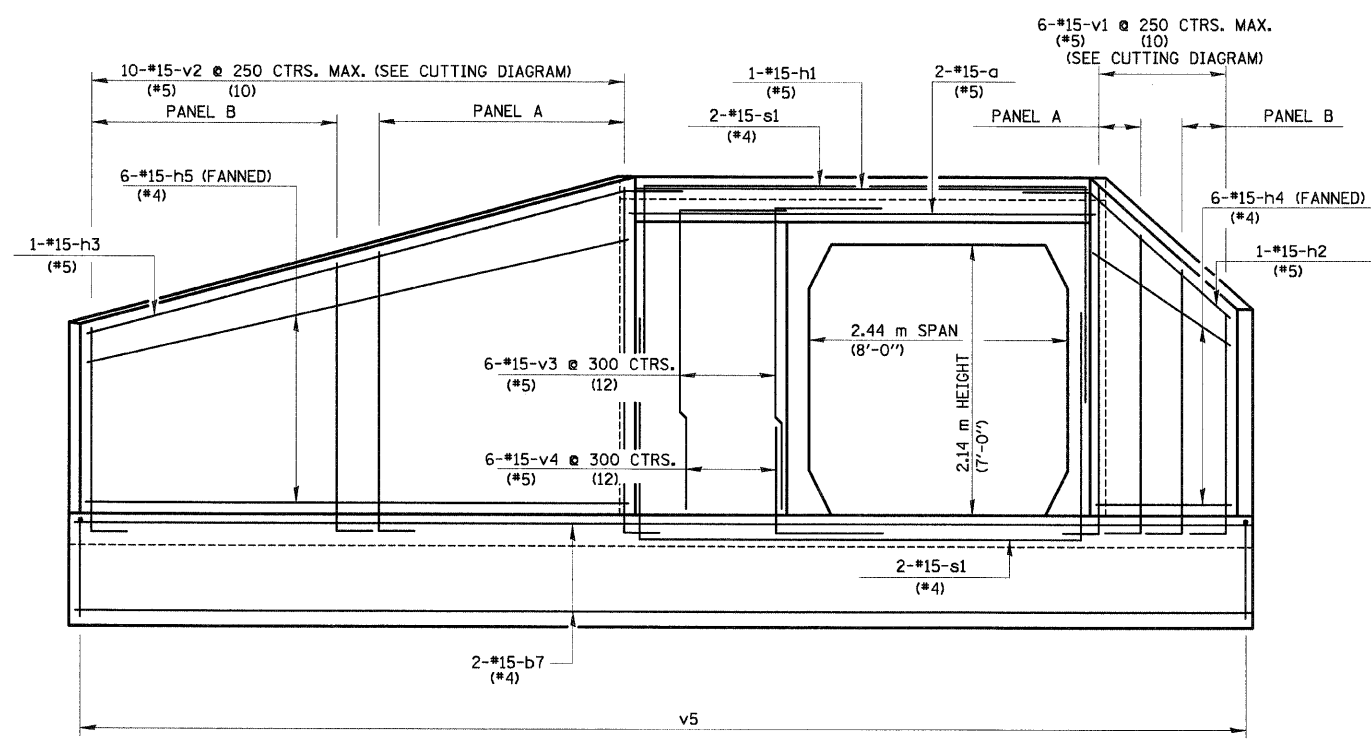
SN 060-0330 (NB)
BY OTHERS



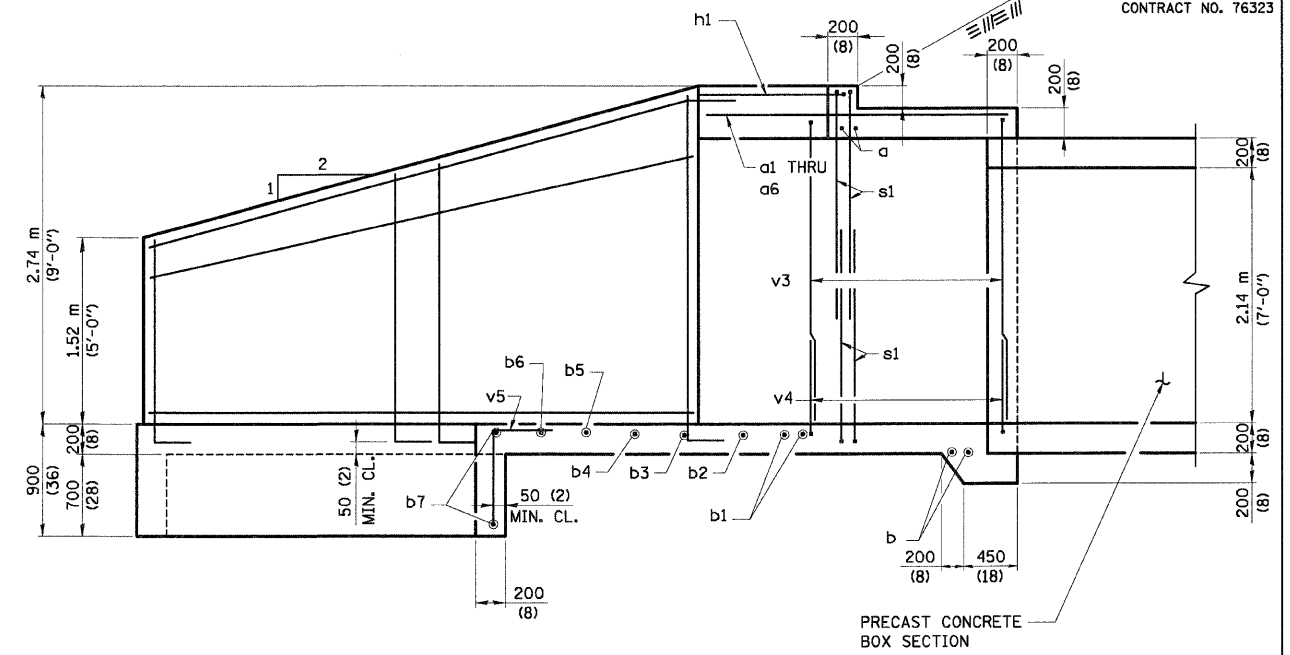
| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
GUARDRAIL & SHOULDER WIDENING
FAP 310 (IL 255)
SECTION 60-15
MADISON COUNTY
 DRAWN BY EBB
 CHECKED BY
 DATE

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------------|---------------------------|--------------|-----------|
| 310 | 60-15, 60-15B | MADISON | 474 | 259 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |



END ELEVATION



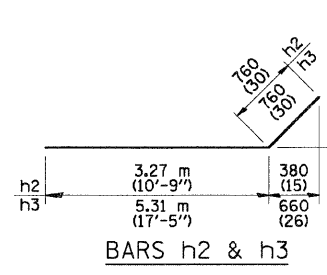
SECTION A-A

NOTES:

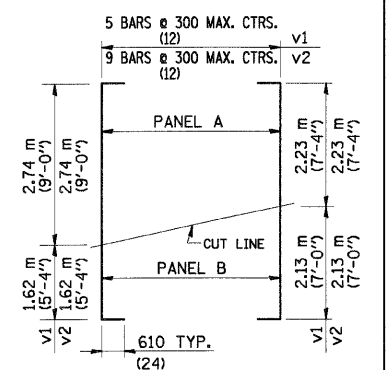
- CONCRETE HEADWALLS SHALL BE USED THROUGHOUT.
- EXPOSED EDGES SHALL BE BEVELED 20 (3/4).
- REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M-31M, M-42M, M-53M, GRADE 400.
- ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.
- NOT TO SCALE OR PROPER ORIENTATION.

BILL OF MATERIAL

| BAR SIZE | NO. | LENGTH | SHAPE |
|--------------------|----------------|-----------------------|-------------|
| a | No.15 (No.5) 2 | 3.58 m (11'-9") | U |
| a1 | (No.4) 1 | 1.85 m (6'-1") | U |
| a2 | (No.4) 1 | 1.60 m (5'-3") | U |
| a3 | (No.4) 1 | 1.32 m (4'-4") | U |
| a4 | (No.4) 1 | 1.07 m (3'-6") | U |
| a5 | (No.4) 1 | 810 (32) | U |
| a6 | (No.4) 1 | 530 (21) | U |
| b | (No.5) 2 | 2.94 m (9'-8") | U |
| b1 | (No.5) 2 | 3.83 m (12'-7") | U |
| b2 | (No.4) 1 | 4.65 m (15'-3") | U |
| b3 | (No.4) 1 | 5.72 m (18'-9") | U |
| b4 | (No.4) 1 | 6.76 m (22'-2") | U |
| b5 | (No.4) 1 | 7.82 m (25'-8") | U |
| b6 | (No.4) 1 | 8.86 m (29'-1") | U |
| b7 | (No.4) 2 | 9.49 m (31'-1") | U |
| h1 | (No.5) 1 | 3.4 m (11'-2") | U |
| h2 | (No.5) 1 | 4.03 m (13'-3") | U |
| h3 | (No.5) 1 | 6.07 m (19'-11") | U |
| h4 | (No.4) 6 | 2.92 m (9'-7") | U |
| h5 | (No.4) 6 | 5.13 m (16'-10") | U |
| v1 | (No.5) 6 | 5.58 m (18'-4") | U |
| v2 | (No.5) 10 | 5.58 m (18'-4") | U |
| v3 | (No.5) 6 | 5.13 m (16'-10") | U |
| v4 | (No.5) 6 | 3.5 m (11'-6") | U |
| v5 | (No.4) 20 | 1.52 m (5'-0") | U |
| s1 | No.15 (No.4) 4 | 6.57 m (21'-7") | U |
| CONCRETE HEADWALLS | | m ³ (C.Y.) | 10.7 (14.0) |
| REINFORCEMENT BARS | | kg (Lbs.) | 530 (990) |



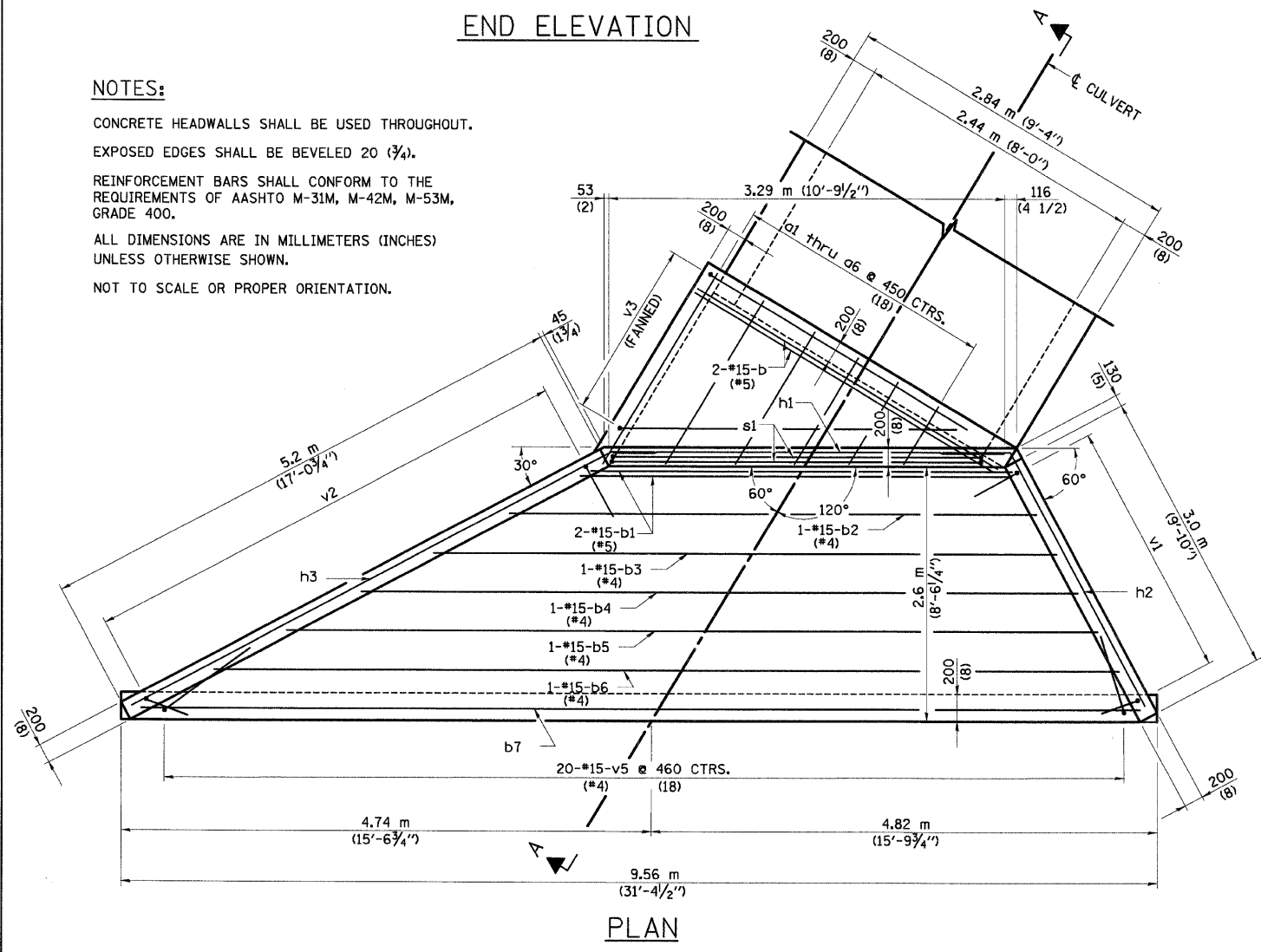
BARS h2 & h3



CUTTING DIAGRAM BARS v1 & v2

| BAR | A | B |
|-----|----------------|-----------------|
| v3 | 2.74 m (9'-0") | 2.39 m (7'-10") |
| v4 | 2.74 m (9'-0") | 760 (30) |
| v5 | 760 (30) | 760 (30) |

BAR s1



PLAN

NOTES:

- TABLE FOR ONE (1) HEADWALL ONLY. TWO (2) HEADWALLS REQUIRED.
- BAR DIMENSIONS ARE OUT TO OUT.

| REVISIONS | |
|-----------|------|
| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
CAST-IN-PLACE HEADWALLS
 STATION 37+397 RT & LT
 2440 mm x 2140 mm (8'x7') BOX
 @ 30° SKEW
 DRAWN BY PTW
 CHECKED BY ADL
 DATE

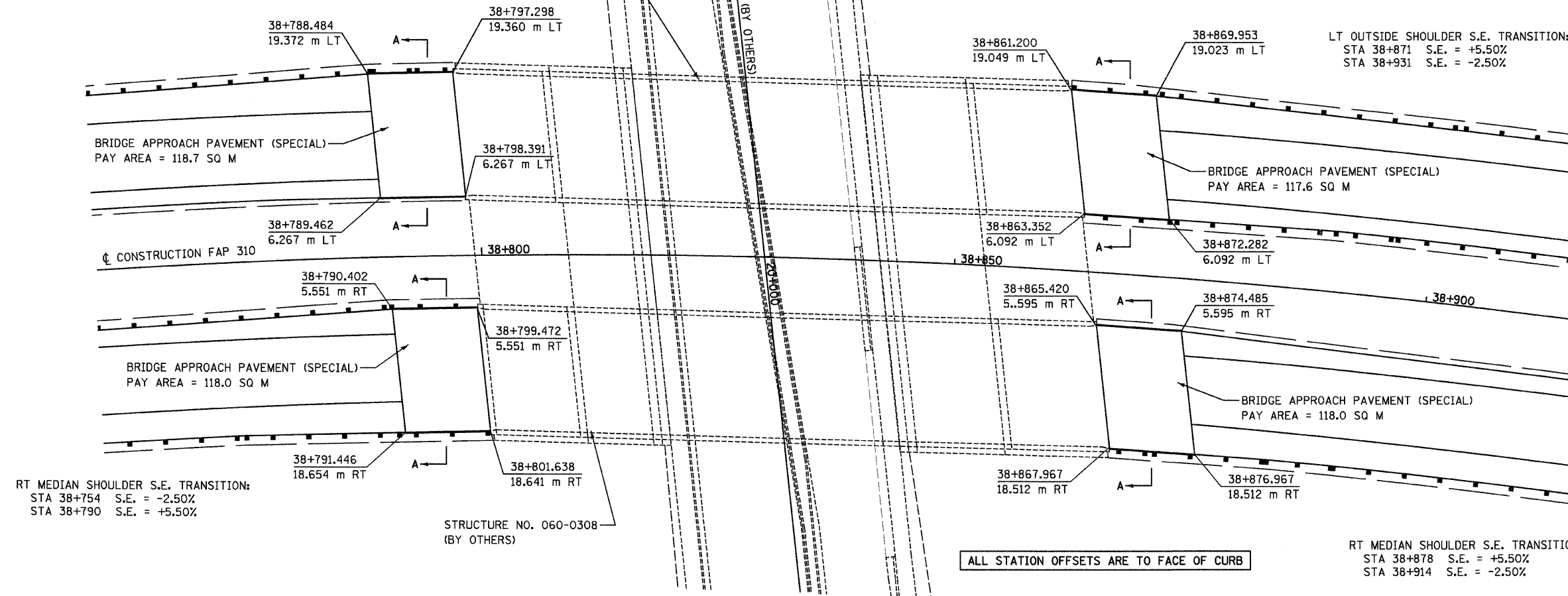
6/28/2007

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------------|---------------------------|--------------|-----------|
| 310 | 60-15, 60-15B | MADISON | 474 | 261 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |

LT OUTSIDE SHOULDER S.E. TRANSITION:
 STA 38+728 S.E. = -2.50%
 STA 38+788 S.E. = +5.50%

STRUCTURE NO. 060-0309
 (BY OTHERS)

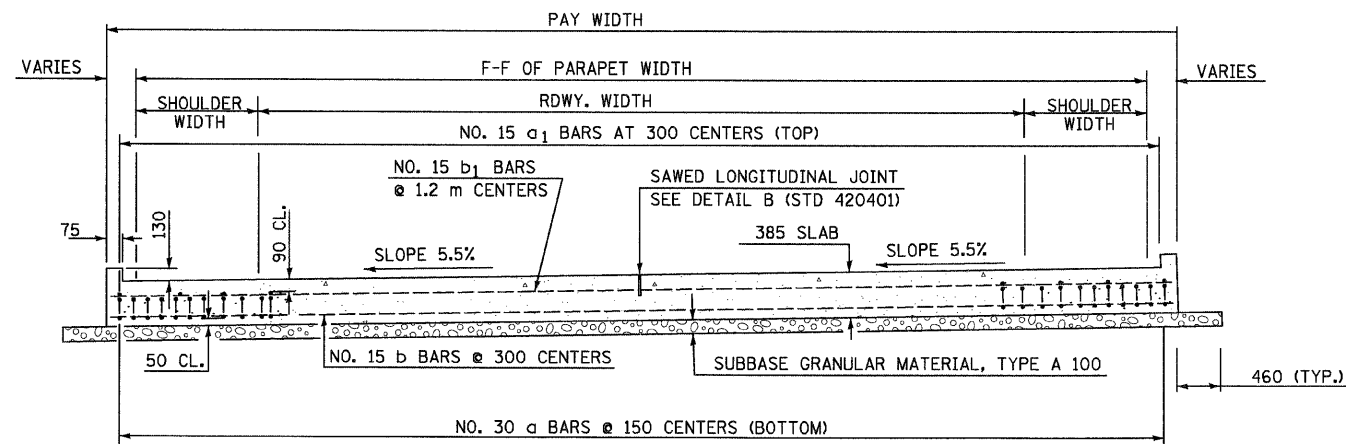
LT OUTSIDE SHOULDER S.E. TRANSITION:
 STA 38+871 S.E. = +5.50%
 STA 38+931 S.E. = -2.50%



RT MEDIAN SHOULDER S.E. TRANSITION:
 STA 38+754 S.E. = -2.50%
 STA 38+790 S.E. = +5.50%

STRUCTURE NO. 060-0308
 (BY OTHERS)

RT MEDIAN SHOULDER S.E. TRANSITION:
 STA 38+878 S.E. = +5.50%
 STA 38+914 S.E. = -2.50%



SEE STANDARD 420401 FOR DETAILS NOT SHOWN

SECTION A-A

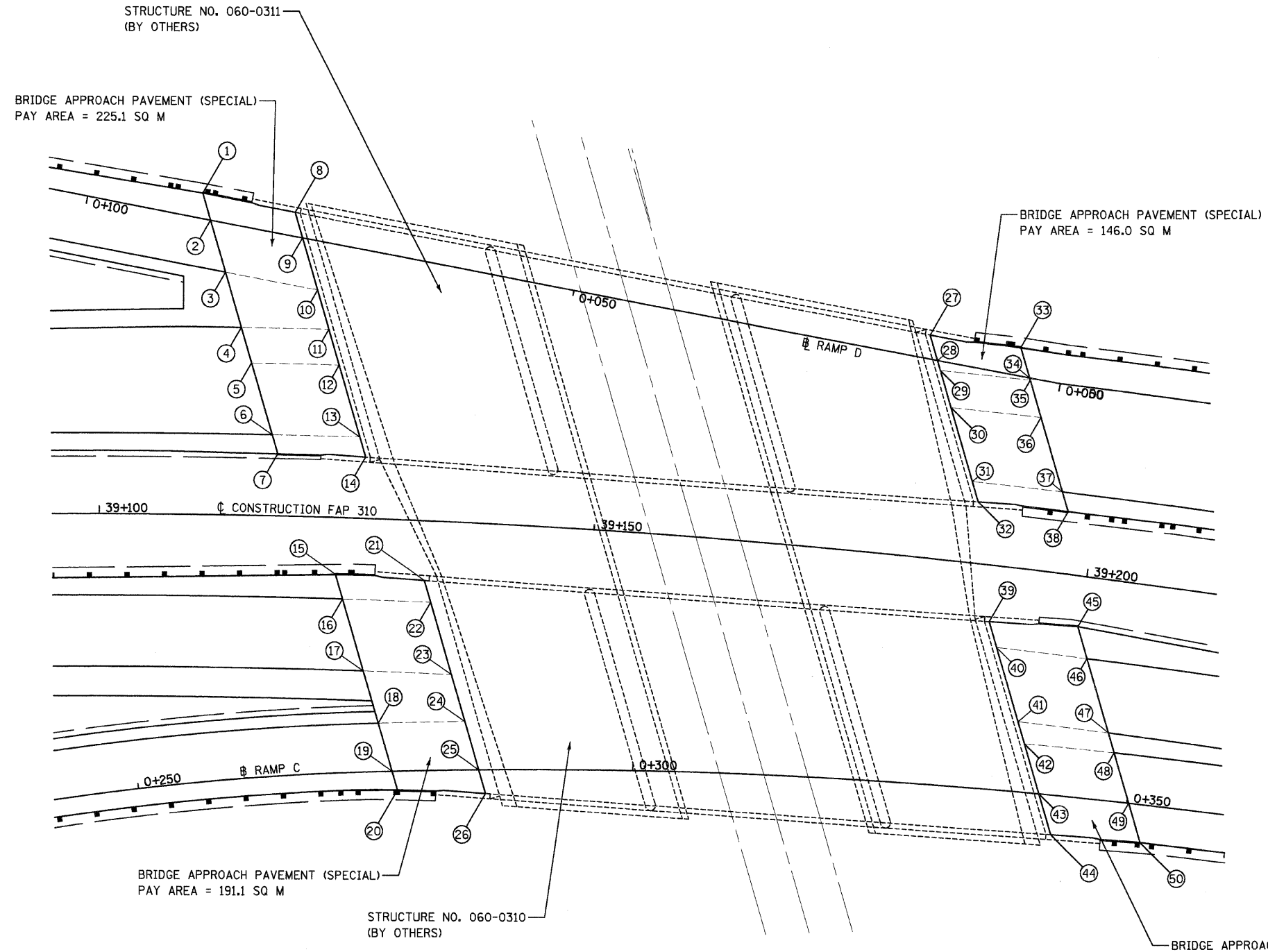
(SEE PLAN FOR DIMENSIONS NOT SHOWN)
 ALL REINFORCEMENT BARS SHALL BE EPOXY COATED.

| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
**BRIDGE APPROACH
 PAVEMENT (SPECIAL) DETAILS**
 FAP 310 (IL 255) SECTION 60-15
 MADISON COUNTY
 DRAWN BY SEB
 CHECKED BY
 DATE

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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------------|---------------------------|--------------|-----------|
| 310 | 60-15, 60-15B | MADISON | 474 | 262 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |



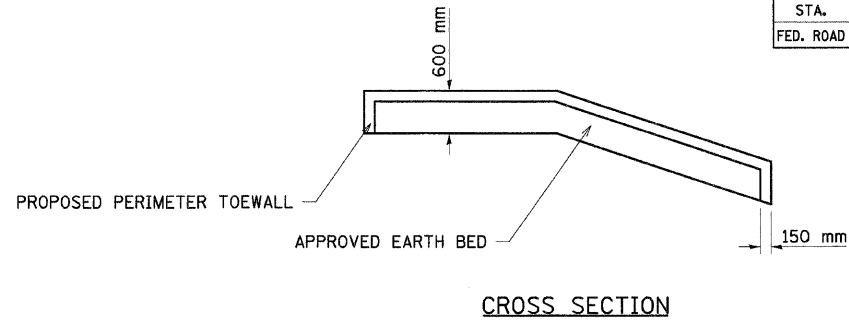
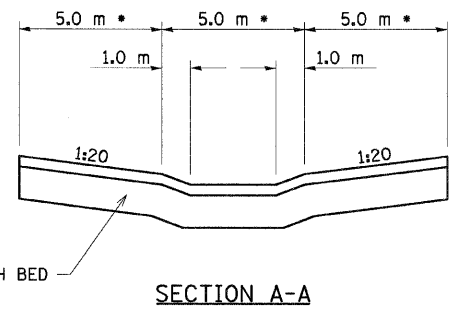
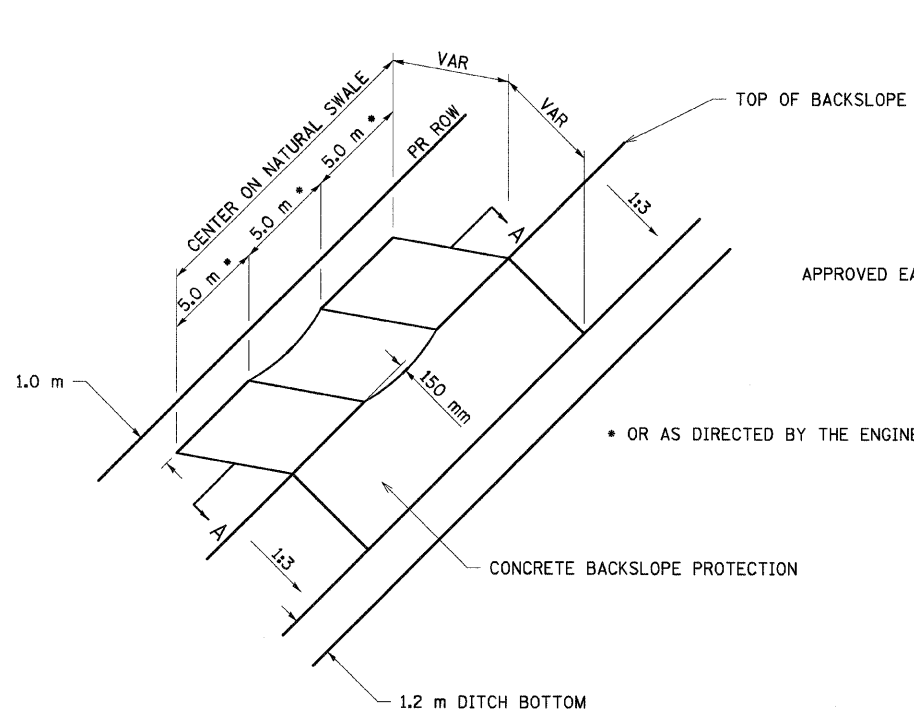
| LOCATION | STATION | OFFSET | STATION | OFFSET | ELEVATION |
|----------|------------|---------|-----------|---------|-----------|
| FAP 310 | | | | | |
| 1 | 39+110.096 | -32.512 | 0+088.661 | 2.525 | 199.494 |
| 2 | 39+110.876 | -29.801 | 0+087.382 | 0.000 | 199.453 |
| 3 | 39+112.406 | -24.540 | 0+084.898 | -4.900 | 199.360 |
| 4 | 39+114.040 | -19.000 | 0+082.282 | -10.064 | 199.233 |
| 5 | 39+115.115 | -15.400 | 0+080.580 | -13.422 | 199.079 |
| 6 | 39+117.295 | -8.200 | 0+077.175 | -20.141 | 198.664 |
| 7 | 39+117.885 | -6.400 | 0+076.265 | -21.938 | 198.552 |
| 8 | 39+119.104 | -30.749 | 0+079.124 | 2.400 | 199.473 |
| 9 | 39+119.876 | -28.180 | 0+077.907 | 0.000 | 199.416 |
| 10 | 39+121.468 | -22.939 | 0+075.424 | -4.900 | 199.285 |
| 11 | 39+122.678 | -19.000 | 0+073.558 | -8.584 | 199.153 |
| 12 | 39+123.796 | -15.400 | 0+071.850 | -11.953 | 198.998 |
| 13 | 39+126.063 | -8.200 | 0+068.434 | -18.696 | 198.579 |
| 14 | 39+126.700 | -6.202 | 0+067.485 | -20.568 | 198.463 |
| 15 | 39+124.023 | 5.756 | 0+270.767 | -20.058 | 198.734 |
| 16 | 39+124.810 | 8.200 | 0+271.337 | -17.567 | 198.592 |
| 17 | 39+127.157 | 15.400 | 0+273.111 | -10.230 | 198.172 |
| 18 | 39+128.892 | 20.629 | 0+274.438 | -4.900 | 197.886 |
| 19 | 39+130.509 | 25.437 | 0+275.682 | 0.000 | 197.600 |
| 20 | 39+131.150 | 27.335 | 0+276.178 | 1.925 | 197.488 |
| 21 | 39+133.063 | 6.021 | 0+279.349 | -19.217 | 198.625 |
| 22 | 39+133.793 | 8.200 | 0+279.916 | -16.998 | 198.498 |
| 23 | 39+136.234 | 15.400 | 0+281.826 | -9.663 | 198.074 |
| 24 | 39+137.846 | 20.076 | 0+283.095 | -4.900 | 197.864 |
| 25 | 39+139.526 | 24.886 | 0+284.426 | 0.000 | 197.591 |
| 26 | 39+140.363 | 27.259 | 0+285.092 | 2.417 | 197.456 |
| 27 | 39+181.744 | -22.475 | 0+013.838 | 2.400 | 198.518 |
| 28 | 39+182.723 | -19.980 | 0+012.622 | 0.000 | 198.397 |
| 29 | 39+183.108 | -19.000 | 0+012.145 | -0.942 | 198.350 |
| 30 | 39+184.535 | -15.400 | 0+010.389 | -4.407 | 198.182 |
| 31 | 39+187.431 | -8.200 | 0+006.874 | -11.344 | 197.736 |
| 32 | 39+188.245 | -6.201 | 0+005.897 | -13.272 | 197.612 |
| 33 | 39+190.733 | -22.190 | 0+004.599 | 2.864 | 198.346 |
| 34 | 39+191.935 | -19.226 | 0+003.148 | 0.000 | 198.206 |
| 35 | 39+192.027 | -19.000 | 0+003.038 | -0.218 | 198.196 |
| 36 | 39+193.501 | -15.400 | 0+001.274 | -3.699 | 198.025 |
| 37 | 39+196.493 | -8.200 | | | 197.574 |
| 38 | 39+197.303 | -6.275 | | | 197.454 |
| 39 | 39+190.706 | 5.698 | 0+334.624 | -16.899 | 197.817 |
| 40 | 39+191.756 | 8.200 | 0+335.562 | -14.366 | 197.660 |
| 41 | 39+194.822 | 15.400 | 0+338.312 | -7.081 | 197.209 |
| 42 | 39+195.752 | 17.555 | 0+339.151 | -4.900 | 197.158 |
| 43 | 39+197.863 | 22.400 | 0+341.063 | 0.000 | 196.852 |
| 44 | 39+199.602 | 26.341 | 0+342.647 | 3.985 | 196.602 |
| 45 | 39+199.706 | 5.140 | 0+343.293 | -17.206 | 197.683 |
| 46 | 39+201.033 | 8.200 | 0+344.495 | -14.114 | 197.490 |
| 47 | 39+204.202 | 15.400 | 0+347.383 | -6.841 | 197.033 |
| 48 | 39+205.058 | 17.322 | 0+348.169 | -4.900 | 196.980 |
| 49 | 39+207.243 | 22.175 | 0+350.179 | 0.000 | 196.670 |
| 50 | 39+208.952 | 25.924 | 0+351.759 | 3.783 | 196.429 |

SEE STANDARD 420401 FOR DETAILS NOT SHOWN

| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
 BRIDGE APPROACH
 PAVEMENT (SPECIAL) DETAILS
 FAP 310 (IL 255) SECTION 60-15
 MADISON COUNTY
 DRAWN BY EBB
 CHECKED BY
 DATE

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------------|---------------------------|--------------|-----------|
| 310 | 60-15, 60-15B | MADISON | 474 | 263 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |



* OR AS DIRECTED BY THE ENGINEER

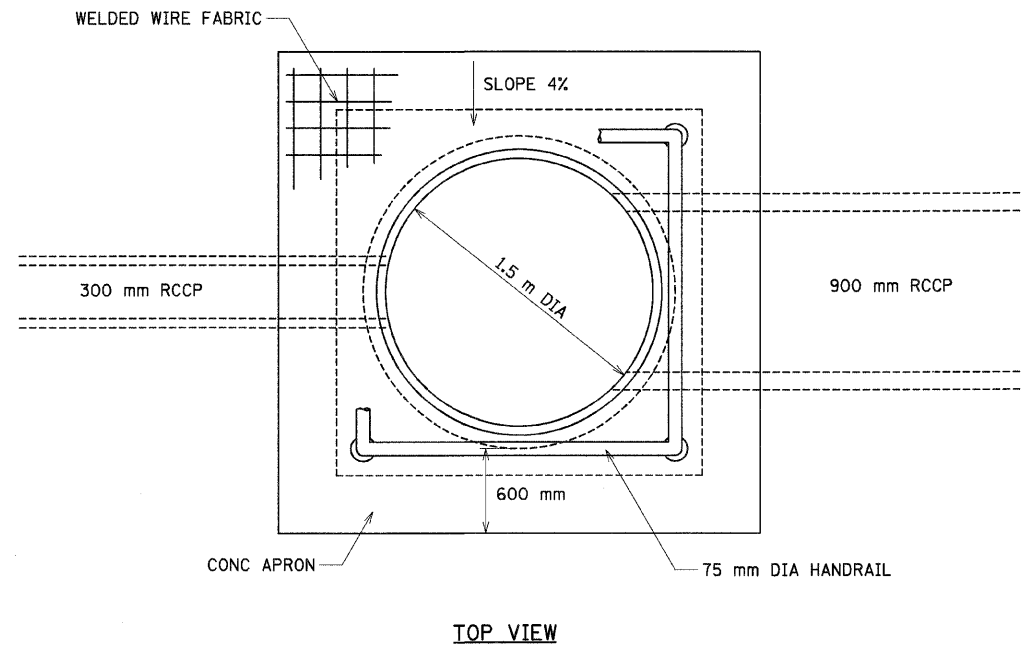
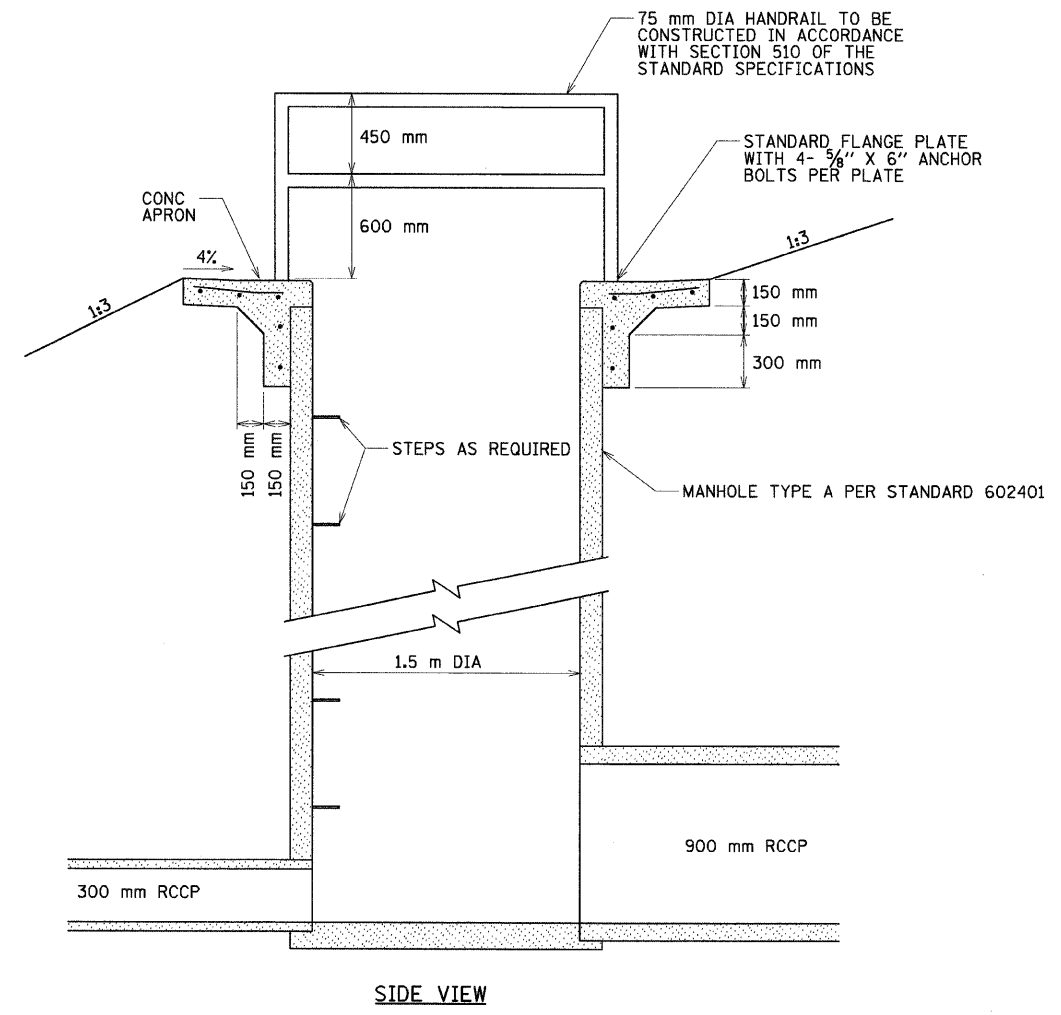
GENERAL NOTES:

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. REINFORCED FABRIC FOR SLOPE WALL SHALL BE 150 mm X 150 mm MESH AND SHALL EXTEND INTO THE TOEWALLS.
3. LOCATIONS AND DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.

LOCATIONS

| STATION | SIDE | LOCATION |
|---------|------|----------|
| 0+265.0 | RT | RAMP B |
| 0+120.0 | RT | RAMP E |
| 0+295.5 | RT | RAMP E |

TYPICAL DETAIL FOR BACK SLOPE PROTECTION 150 mm SLOPE WALL

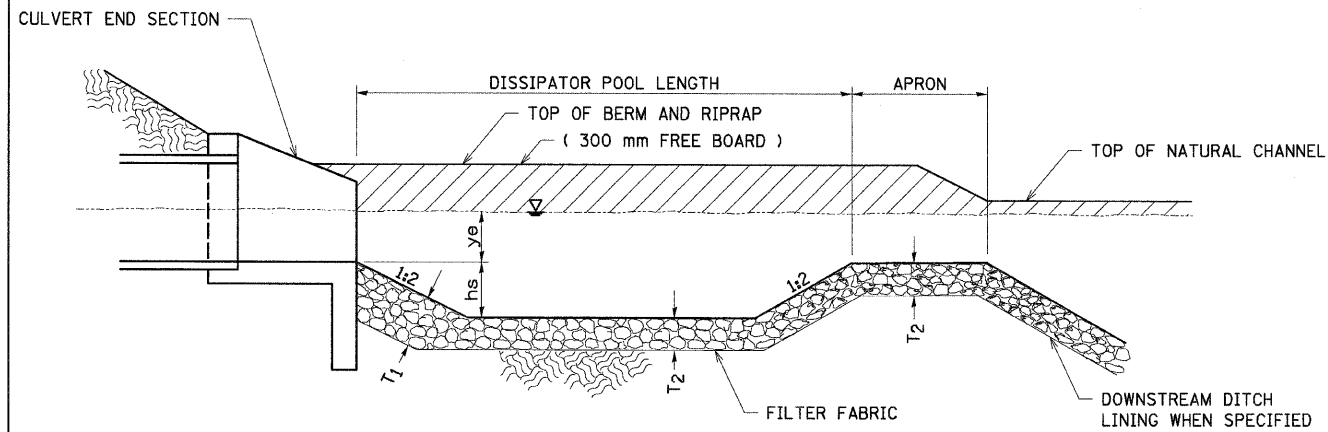


MANHOLE SPECIAL DETAIL - STA 36+975

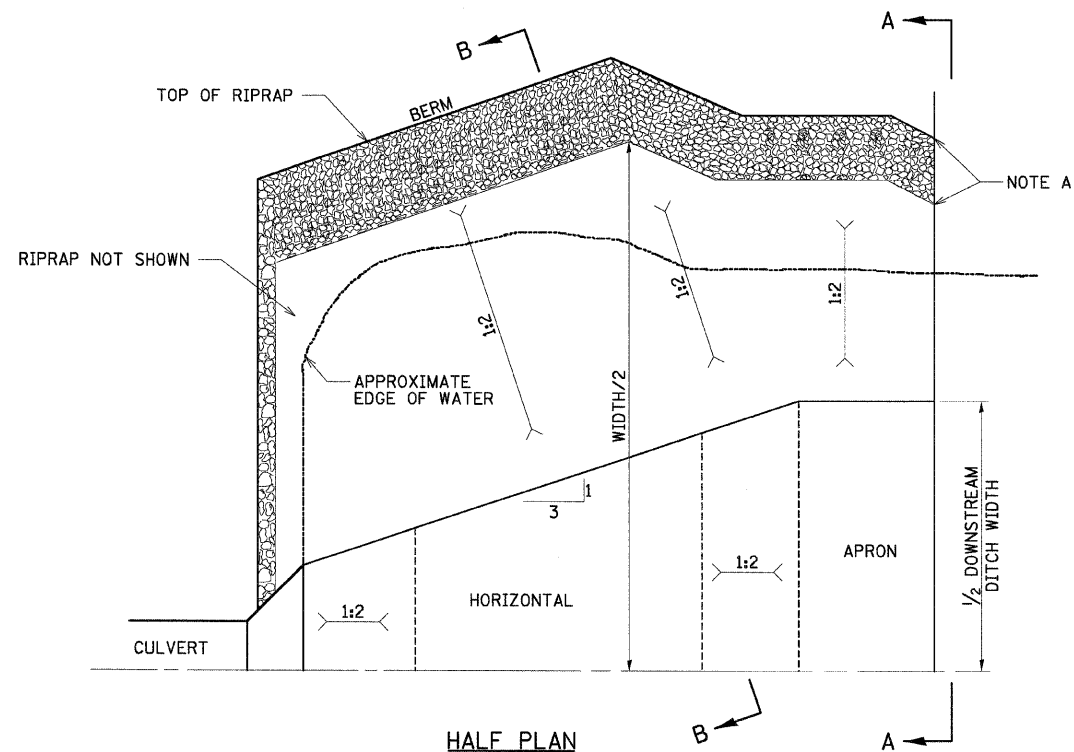
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ILLINOIS DEPARTMENT OF TRANSPORTATION
 MISCELLANEOUS DETAILS
 FAP 310 (IL 255)
 SECTION 60-15
 MADISON COUNTY
 DRAWN BY EBB
 CHECKED BY
 DATE

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------------|---------------------------|--------------|-----------|
| 310 | 60-15, 60-15B | MADISON | 474 | 264 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |



SECTION C-C



HALF PLAN

EARTH EXCAVATION FOR ENERGY DISSIPATING BASINS

THIS WORK INVOLVES THE EXCAVATION OF EARTH AS SHOWN IN THE DETAIL TO THE LENGTH, WIDTH, AND DEPTH DETERMINED BY THE ENGINEER. THE EARTH EXCAVATION WILL BE UTILIZED IN THE ROADWAY EMBANKMENT OR WASTED AS DIRECTED BY THE ENGINEER.

THE EARTHWORK WILL NOT BE PAID FOR SEPARATELY. IT WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE PER METRIC TON FOR "RIPRAP FOR STILLING BASIN".

ENERGY DISSIPATING BASINS SHALL BE CONSTRUCTED AT THE SAME TIME AS THE CULVERT OR DITCH.

ENERGY DISSIPATING BASINS ARE TO BE CONSTRUCTED AT LOCATIONS LISTED IN THE TABLE ON THIS SHEET AND AS SHOWN IN THE PLANS.

RIPRAP FOR ENERGY DISSIPATING BASINS

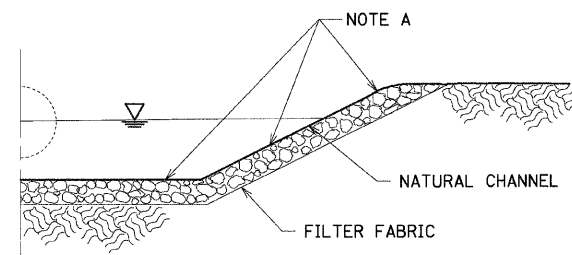
RIPRAP FOR ENERGY DISSIPATING BASINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 281 OF THE STANDARD SPECIFICATIONS.

THE LENGTH, WIDTH, AND DEPTH FOR RIPRAP PLACEMENT WILL BE DETERMINED BY THE ENGINEER.

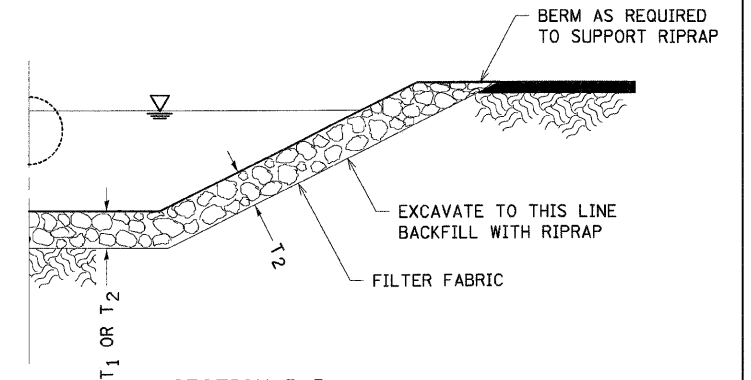
THE RIPRAP MATERIAL SHALL MEET A QUALITY DESIGNATION OF A AS DEFINED IN SECTION 1005.01 OF THE STANDARD SPECIFICATIONS.

BEDDING MATERIAL WILL NOT BE REQUIRED.

FILTER FABRIC WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE METER FOR "FILTER FABRIC".



SECTION A-A



SECTION B-B

| CULVERT STATION | SIDE | LOCATION | DISSIPATOR POOL LENGTH | APRON LENGTH | WIDTH (W) | hs | TOP OF BERM hs + ye + 300 mm | RIPRAP THICKNESS | | RIPRAP CLASS | RIPRAP FOR STILLING BASIN | FILTER FABRIC |
|-----------------|------|----------|------------------------|--------------|-----------|-----|---------------------------------|------------------|----------------|--------------|---------------------------|---------------|
| | | | | | | | | T ₁ | T ₂ | | | |
| | | | m | m | m | m | m | mm | mm | | m ton | sm |
| 36+395.0 | RT | FAP 310 | 2.7 | 0.9 | 6.5 | 0.2 | 0.9 | 0.3 | 0.2 | B-3 | 13.3 | N/A |
| 36+711.6 | RT | FAP 310 | 21.0 | 10.7 | 26.8 | 2.1 | 2.7 | 1.2 | 0.9 | A-6 | 1674.8 | 733.7 |
| 37+371.1 | RT | FAP 310 | 20.7 | 10.4 | 35.2 | 2.1 | 4.2 | 1.2 | 0.9 | A-6 | 2364.6 | 1034.8 |
| 37+942.6 | LT | FAP 310 | 10.6 | 5.3 | 26.6 | 1.6 | 3.5 | 1.2 | 0.9 | A-6 | 1037.0 | 450.1 |
| 38+143.5 | RT | FAP 310 | 10.7 | * | 15.9 | 1.1 | 2.1 | 0.9 | 0.6 | A-5 | 277.7 | 181.8 |
| 39+700.0 | LT | FAP 310 | 6.2 | 3.1 | 12.0 | 0.6 | 1.8 | 0.7 | 0.5 | A-4 | 134.6 | 106.6 |
| 0+150.0 | RT | RAMP F | 8.1 | 4.0 | 13.5 | 0.8 | 1.7 | 0.7 | 0.5 | A-4 | 192.2 | 151.6 |

* NOT APPLICABLE - SEE CROSS SECTION

NOTE A:

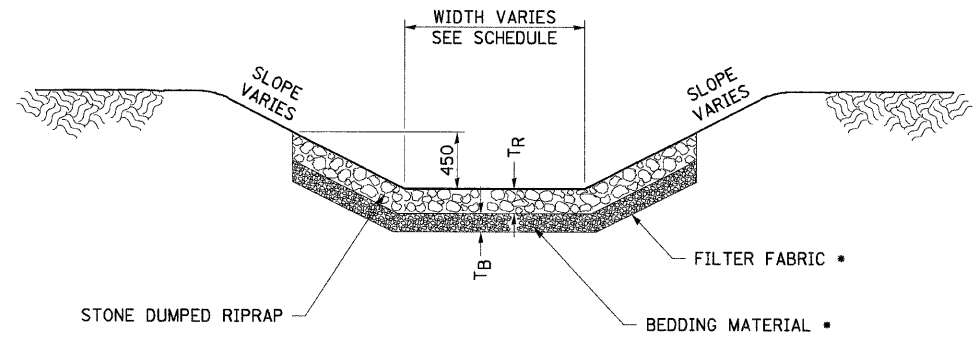
TRANSITION BASIN TO CONFORM TO THE NATURAL STREAM CHANNEL. TOP OF RIPRAP IN THE FLOOR OF THE BASIN SHOULD BE AT THE SAME ELEVATION OR LOWER THAN THE NATURAL CHANNEL BOTTOM AT SECTION "C-C".

| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
MISCELLANEOUS DETAILS
 FAP 310 (IL 255)
 SECTION 60-15
 MADISON COUNTY

DRAWN BY EBB
 CHECKED BY
 DATE

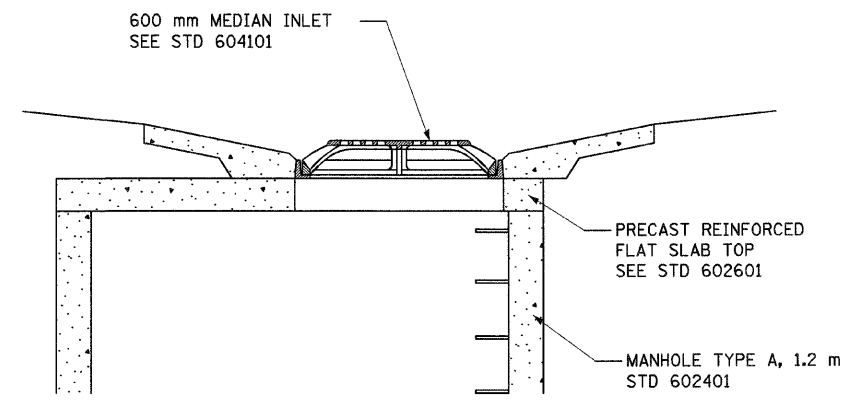
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------------|---------------------------|--------------|-----------|
| 310 | 60-15, 60-15B | MADISON | 474 | 265 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |



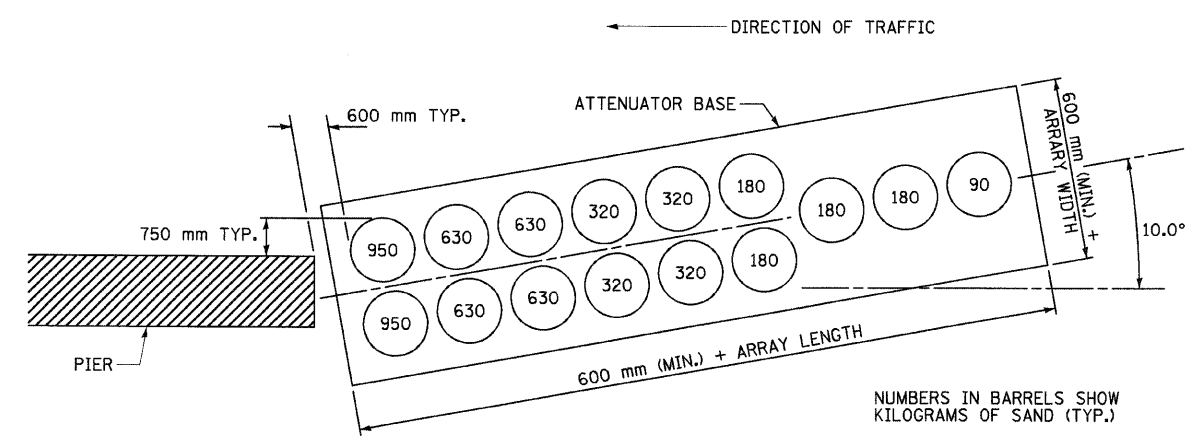
| RIPRAP CLASS | RIPRAP THICKNESS (TR) | BEDDING THICKNESS (TB) |
|--------------|-----------------------|------------------------|
| B3 | 300 mm | * |
| A4 | 405 mm | 150 mm |
| A5 | 560 mm | 200 mm |

* STONE DUMPED RIPRAP CLASS B3 HAS NO BEDDING MATERIAL AND REQUIRES NO FABRIC.

TYPICAL STONE RIPRAP DITCH LINING
NOT TO SCALE

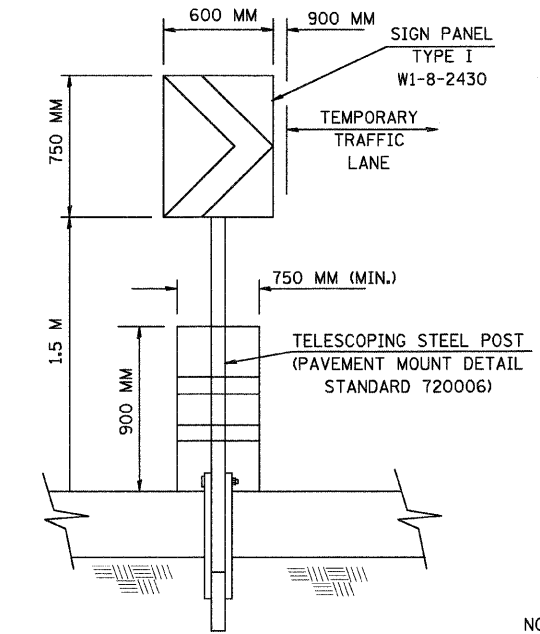


DETAIL OF STANDARD 600 mm MEDIAN INLET OF FLAT SLAB TOP



IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3
NOT TO SCALE

NOTES: FINAL SAND BARREL ARRAY LAYOUT AND WEIGHTS SHALL BE IN ACCORDANCE WITH MANUFACTURE'S SPECIFICATIONS.
IMPACT ATTENUATORS SHALL MEET THE TESTING CRITERIA CONTAINED IN NCHRP REPORT 350 FOR TEST LEVEL 3.
COST OF FURNISHING AND INSTALLING ATTENUATOR BASE SHALL BE INCLUDED IN THE PAY ITEM "IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3".



DRUM AND CHEVRON SIGN DETAIL

NOTE: SIGN PANEL AND POST TO BE SUPPLIED BY IDOT OPERATIONS - TRAFFIC SECTION

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ILLINOIS DEPARTMENT OF TRANSPORTATION
MISCELLANEOUS DETAILS
FAP 310 (IL 255)
SECTION 60-15
MADISON COUNTY
DRAWN BY EBB
CHECKED BY
DATE

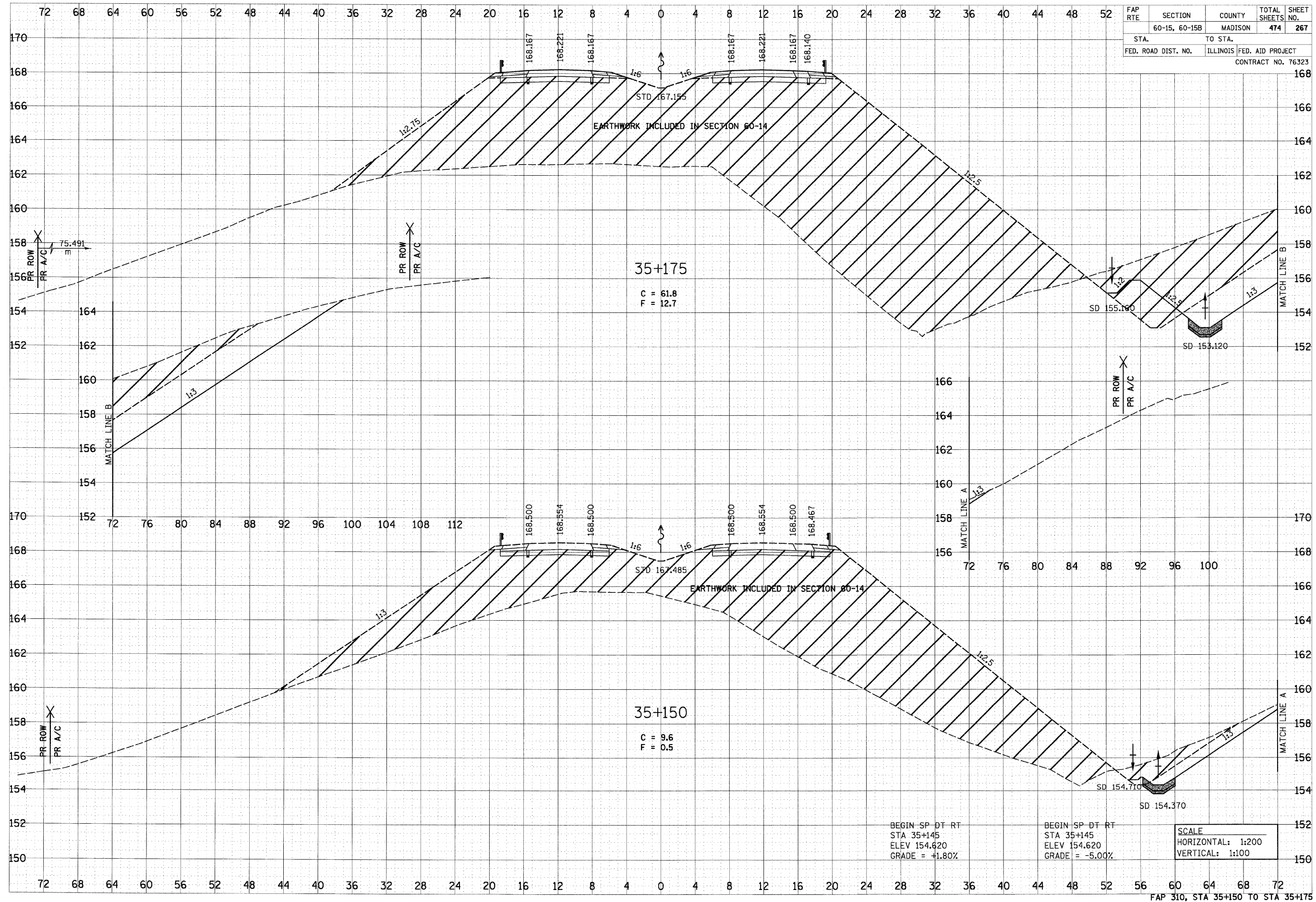
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| ORIGINAL SURVEY | DATE |
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| FAP RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 60-15, 60-15B | MADISON | 474 | 267 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| | | | | CONTRACT NO. 76323 |



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|----------------------|----------------------|
| BEGIN - SP - DT - RT | BEGIN - SP - DT - RT |
| STA 35+145 | STA 35+145 |
| ELEV 154.620 | ELEV 154.620 |
| GRADE = +1.80% | GRADE = -5.00% |

SCALE
 HORIZONTAL: 1:200
 VERTICAL: 1:100

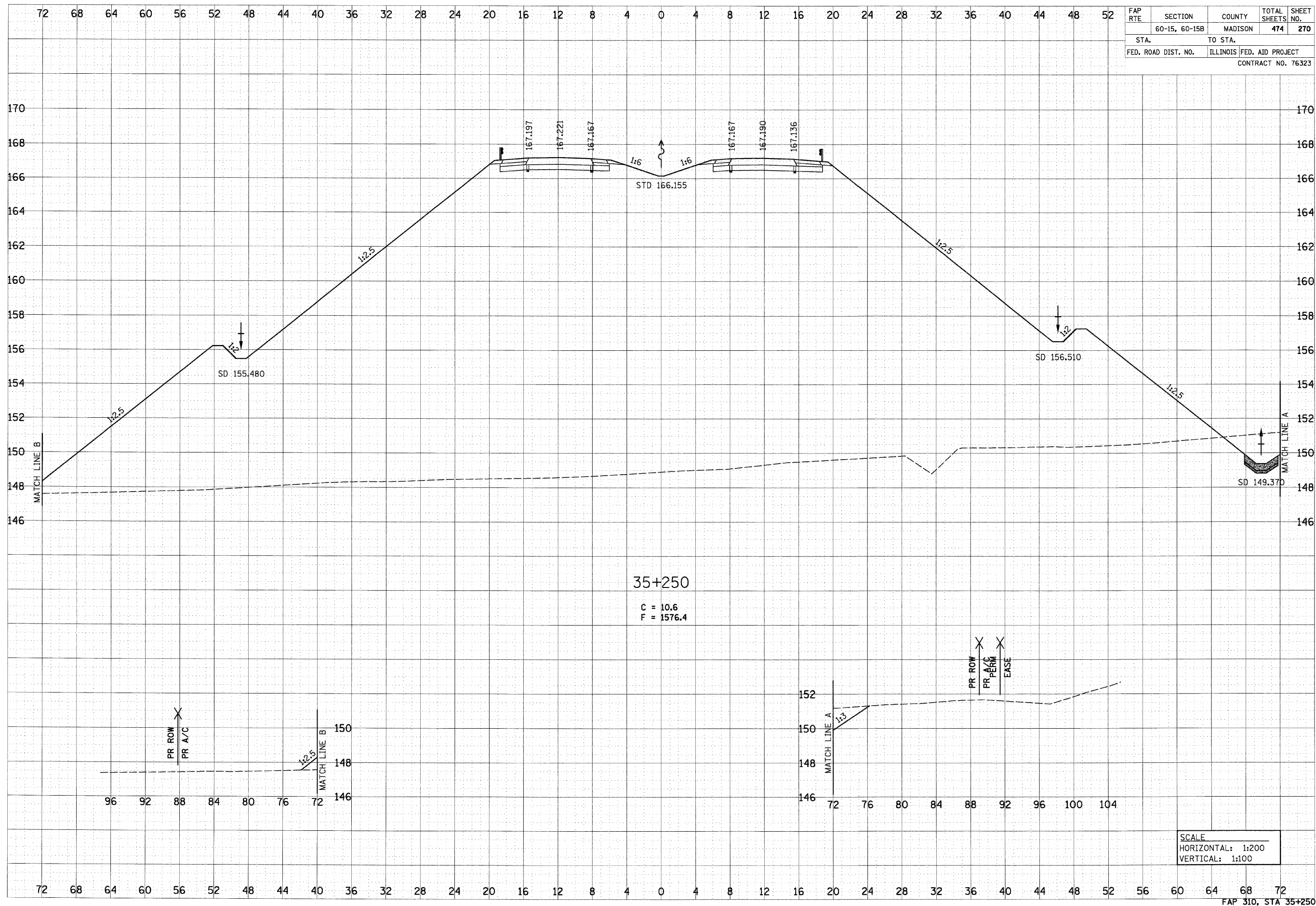
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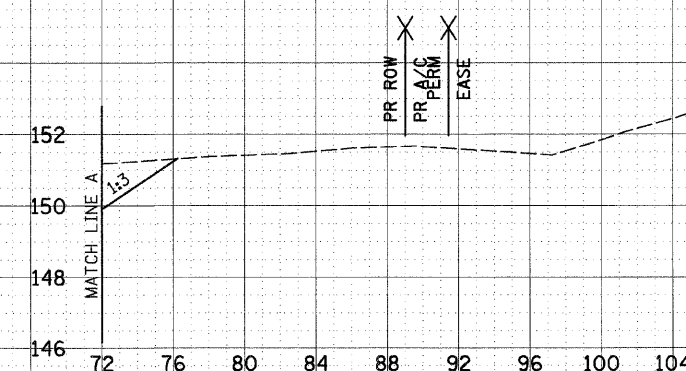
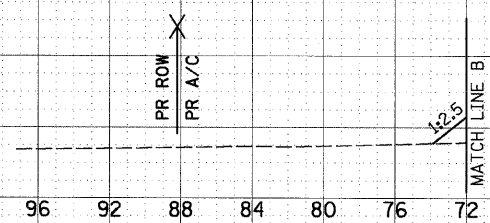
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| FAP RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 60-15, 60-15B | MADISON | 474 | 270 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | |
| CONTRACT NO. 76323 | | | | |



35+250
 C = 10.6
 F = 1576.4



SCALE
 HORIZONTAL: 1:200
 VERTICAL: 1:100

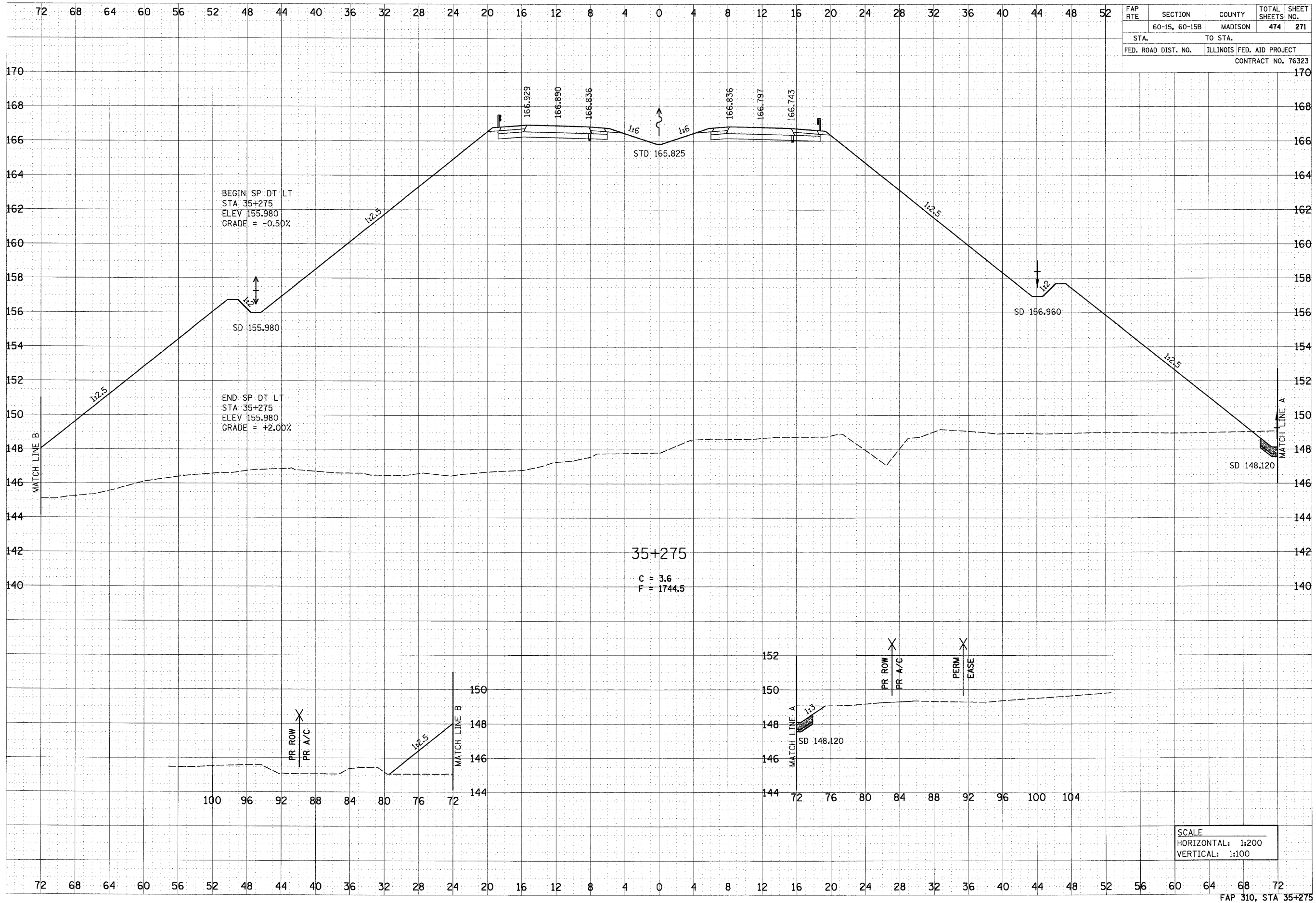
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| FAP RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 60-15, 60-15B | MADISON | 474 | 271 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |

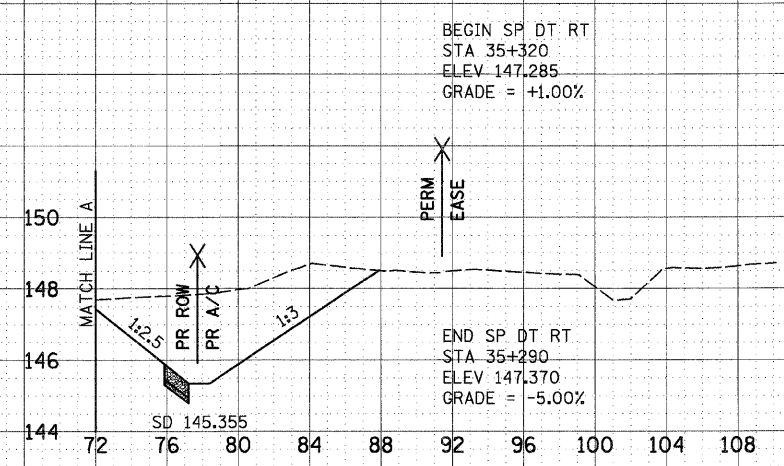
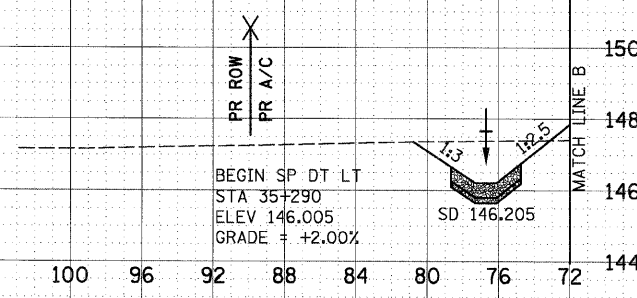
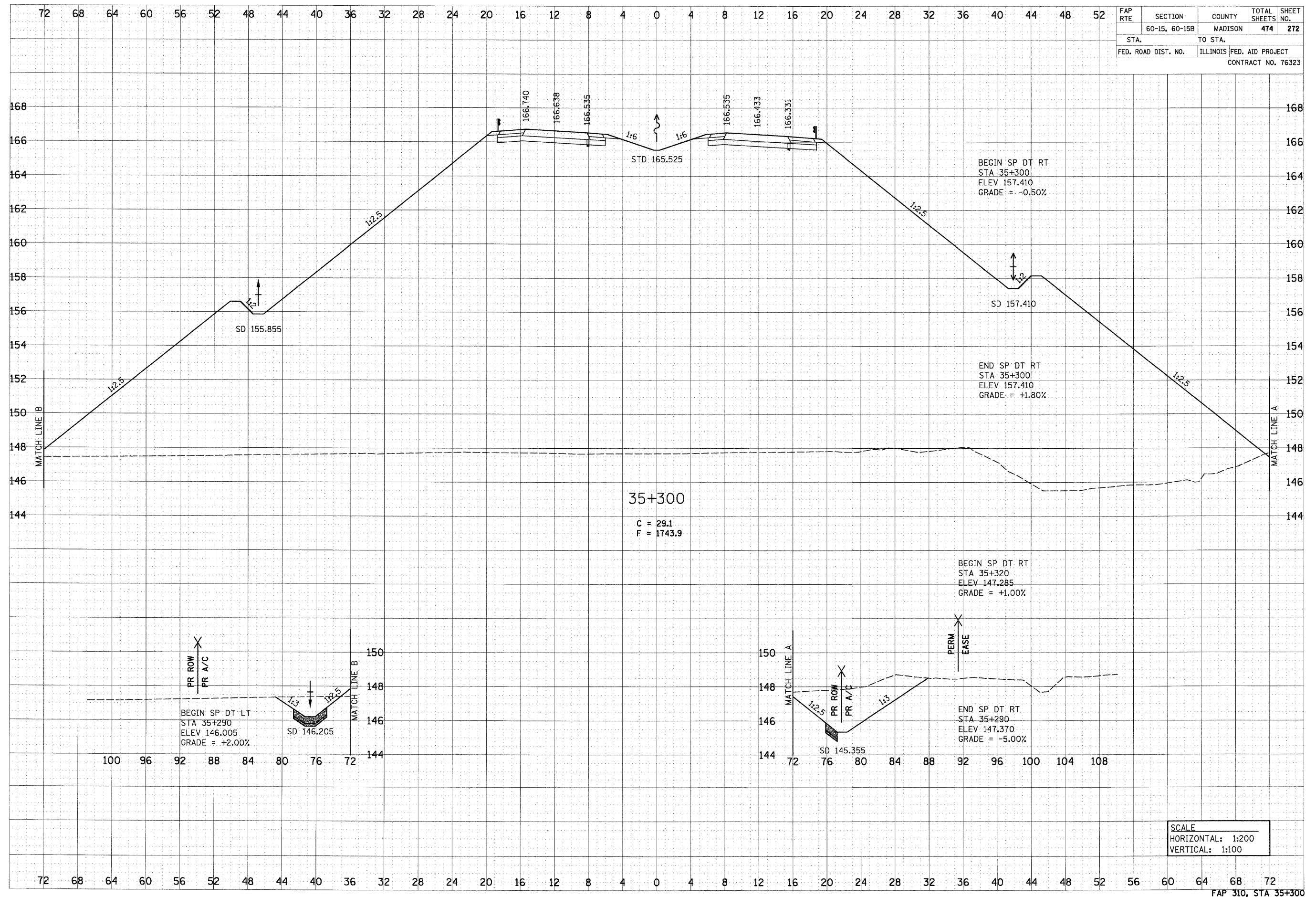


6/25/2007

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| FAP RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 60-15, 60-15B | MADISON | 474 | 272 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |

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 VERTICAL: 1:100

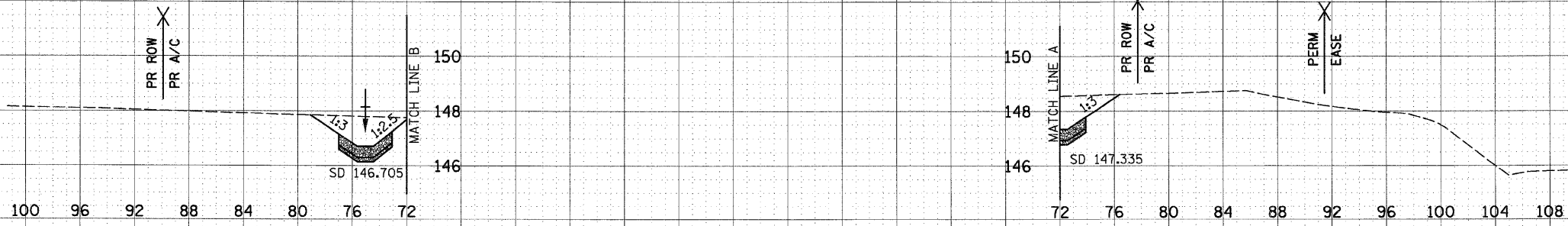
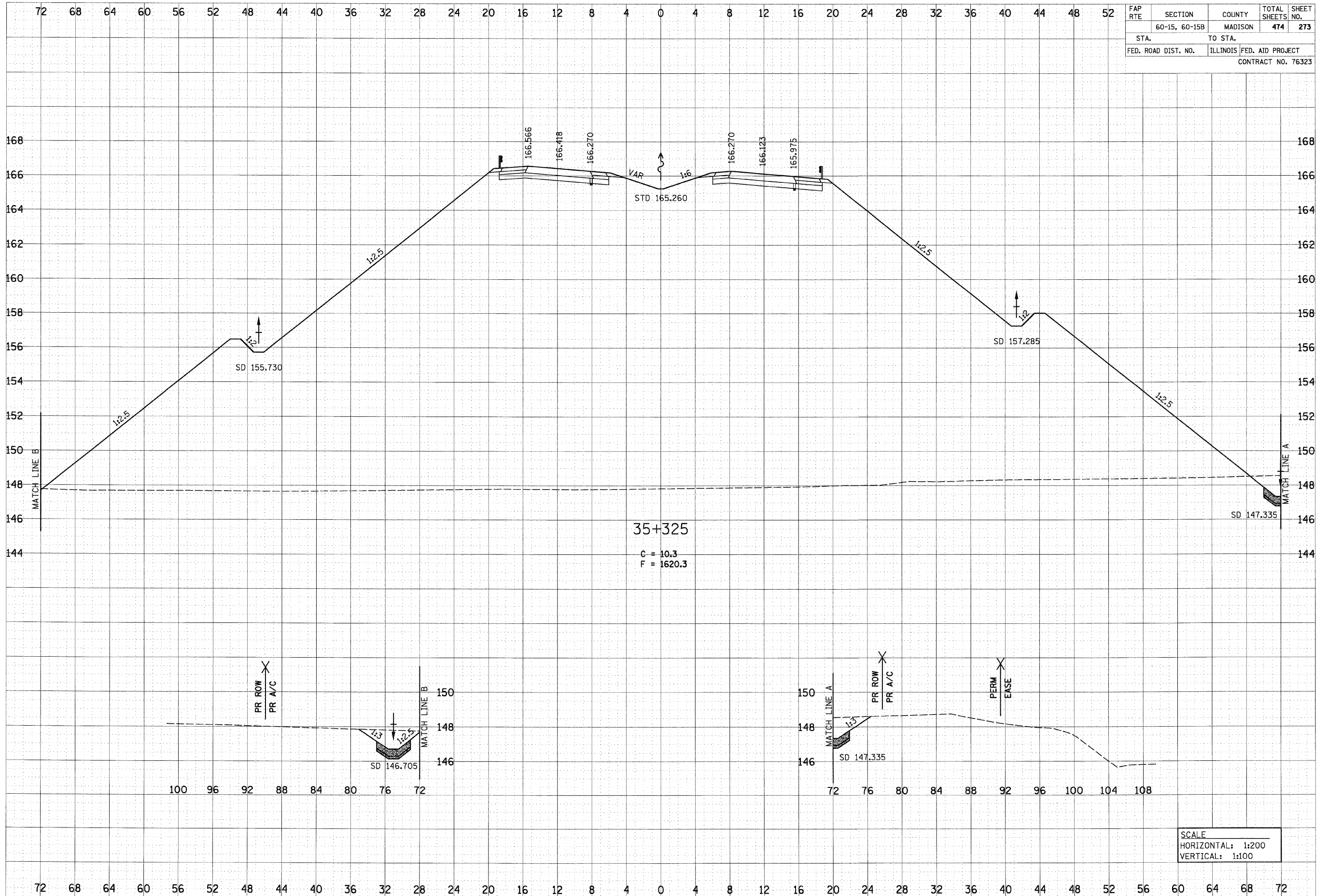
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| FAP RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 60-15, 60-15B | MADISON | 474 | 273 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |
| CONTRACT NO. 76323 | | | | |

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SCALE
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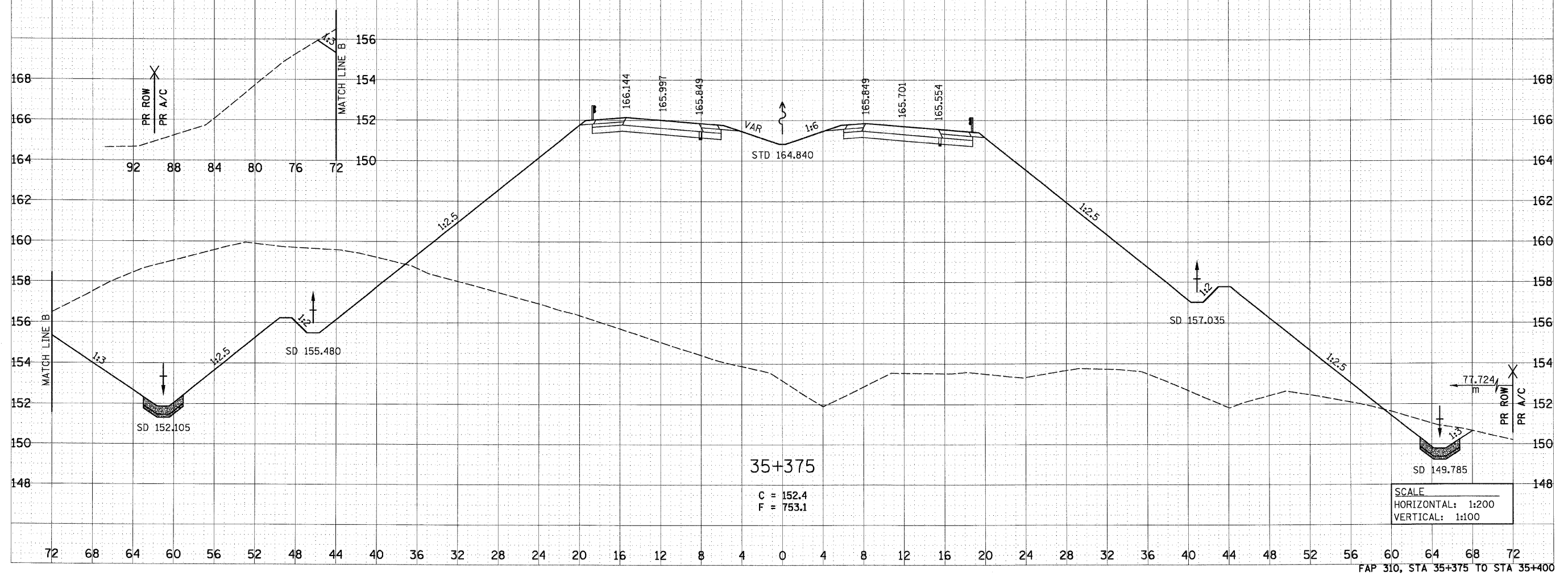
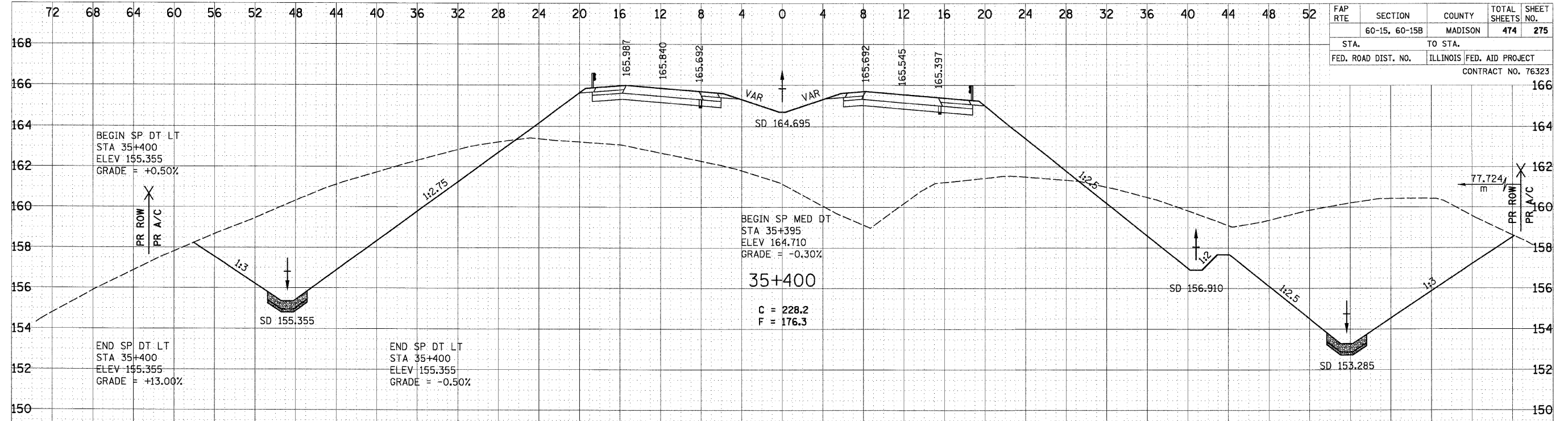
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| FAP RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 60-15, 60-15B | MADISON | 474 | 275 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | |
| CONTRACT NO. 76323 | | | | |



SCALE
HORIZONTAL: 1:200
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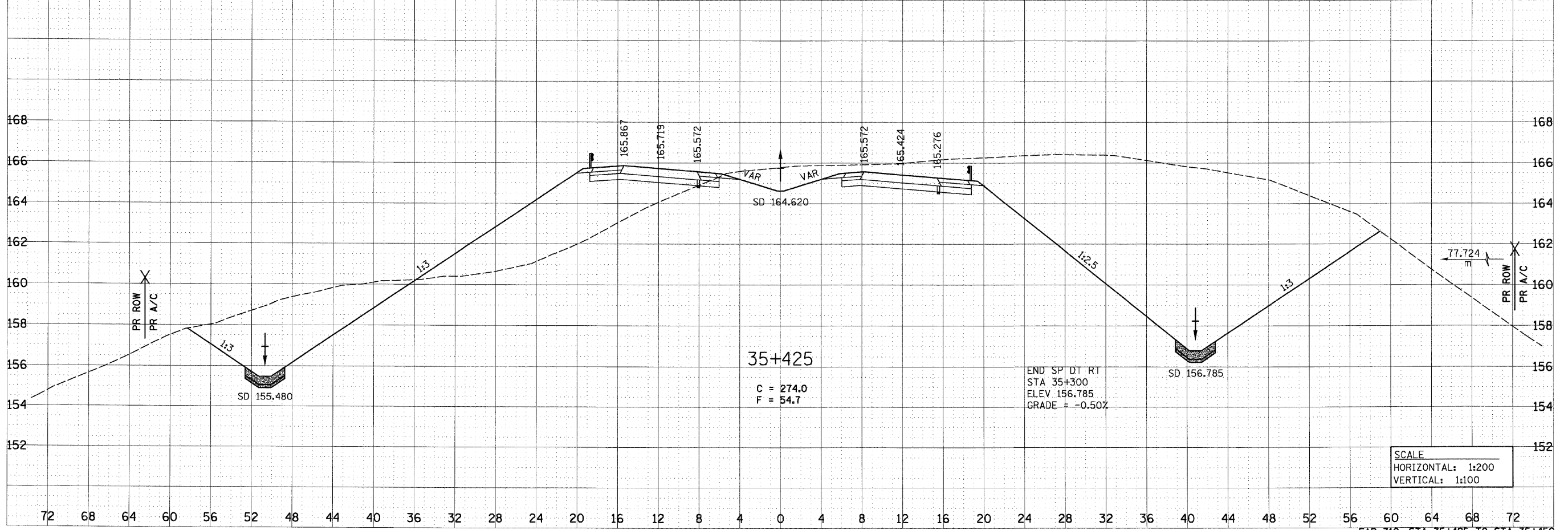
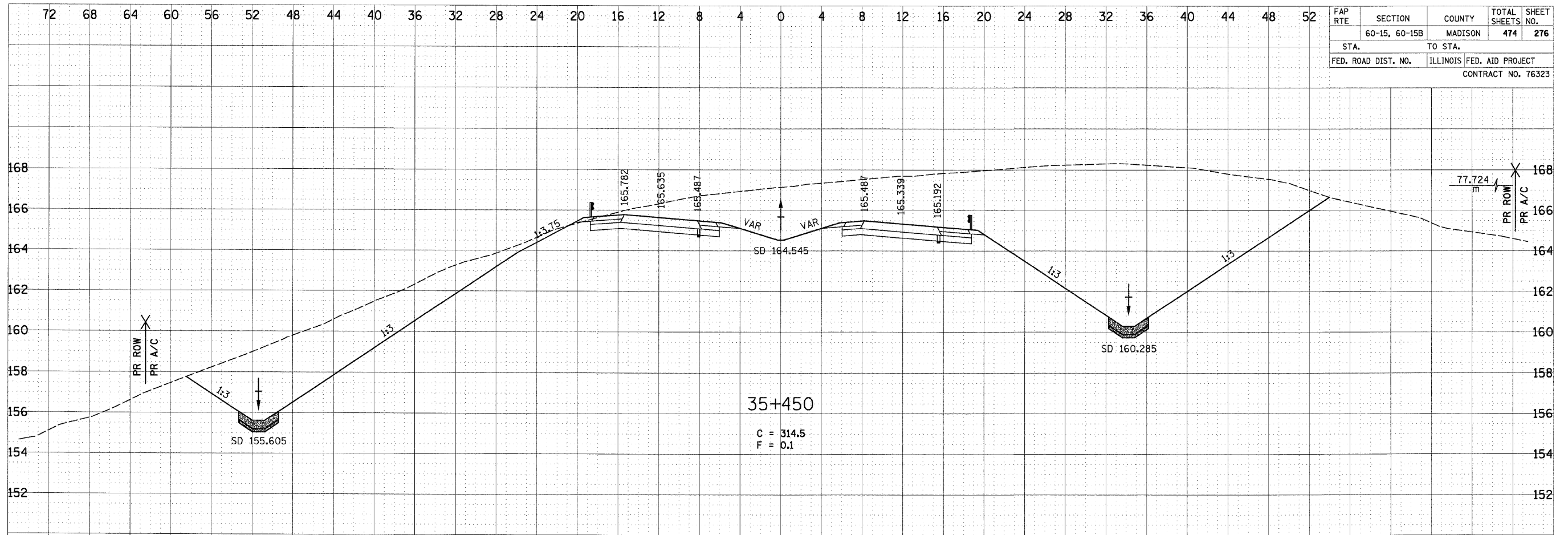
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| FAP RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 60-15, 60-15B | MADISON | 474 | 276 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |



SCALE
 HORIZONTAL: 1:200
 VERTICAL: 1:100

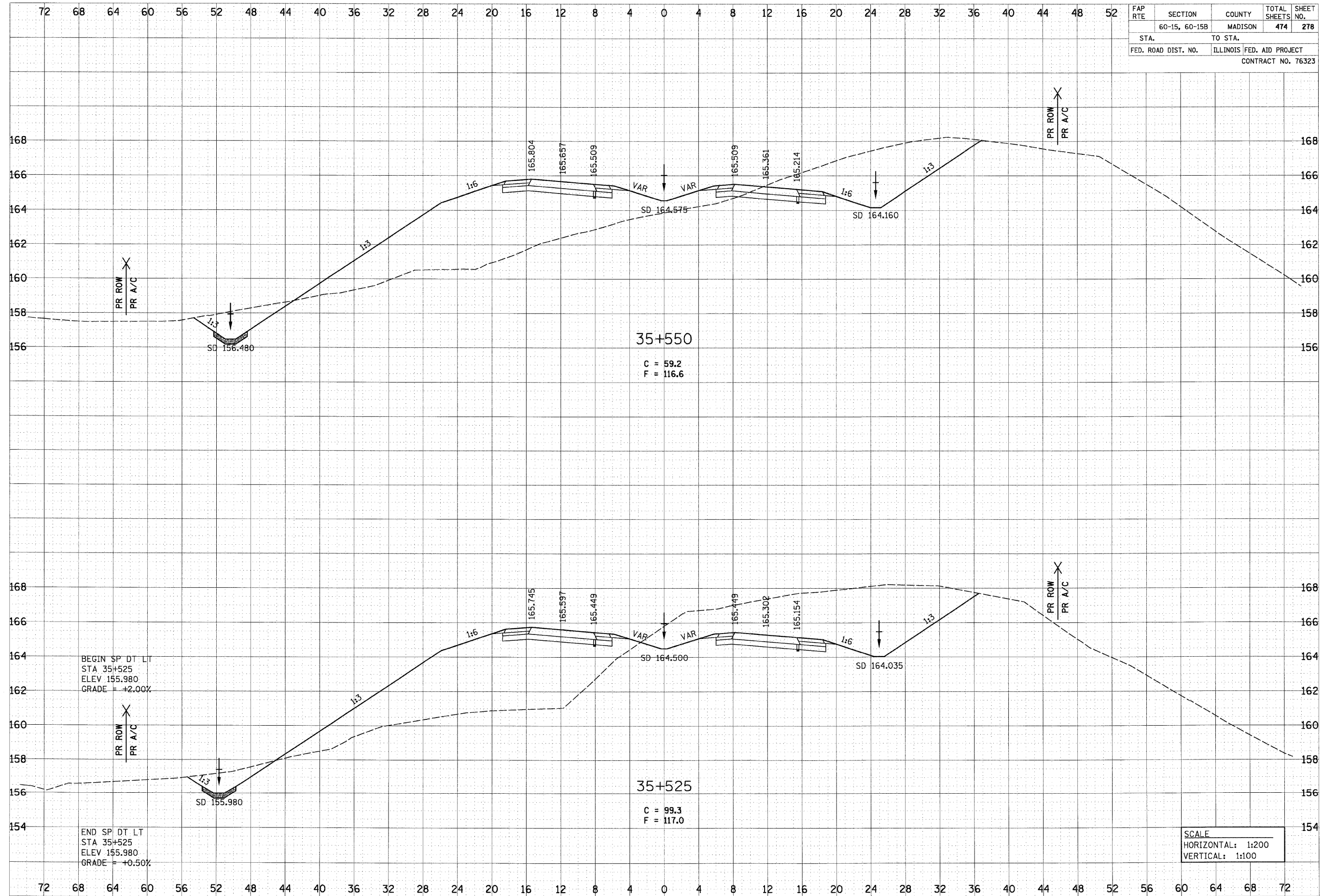
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| FAP RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 60-15, 60-15B | MADISON | 474 | 278 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |



BEGIN SP DT LT
 STA 35+525
 ELEV 155.980
 GRADE = +2.00%

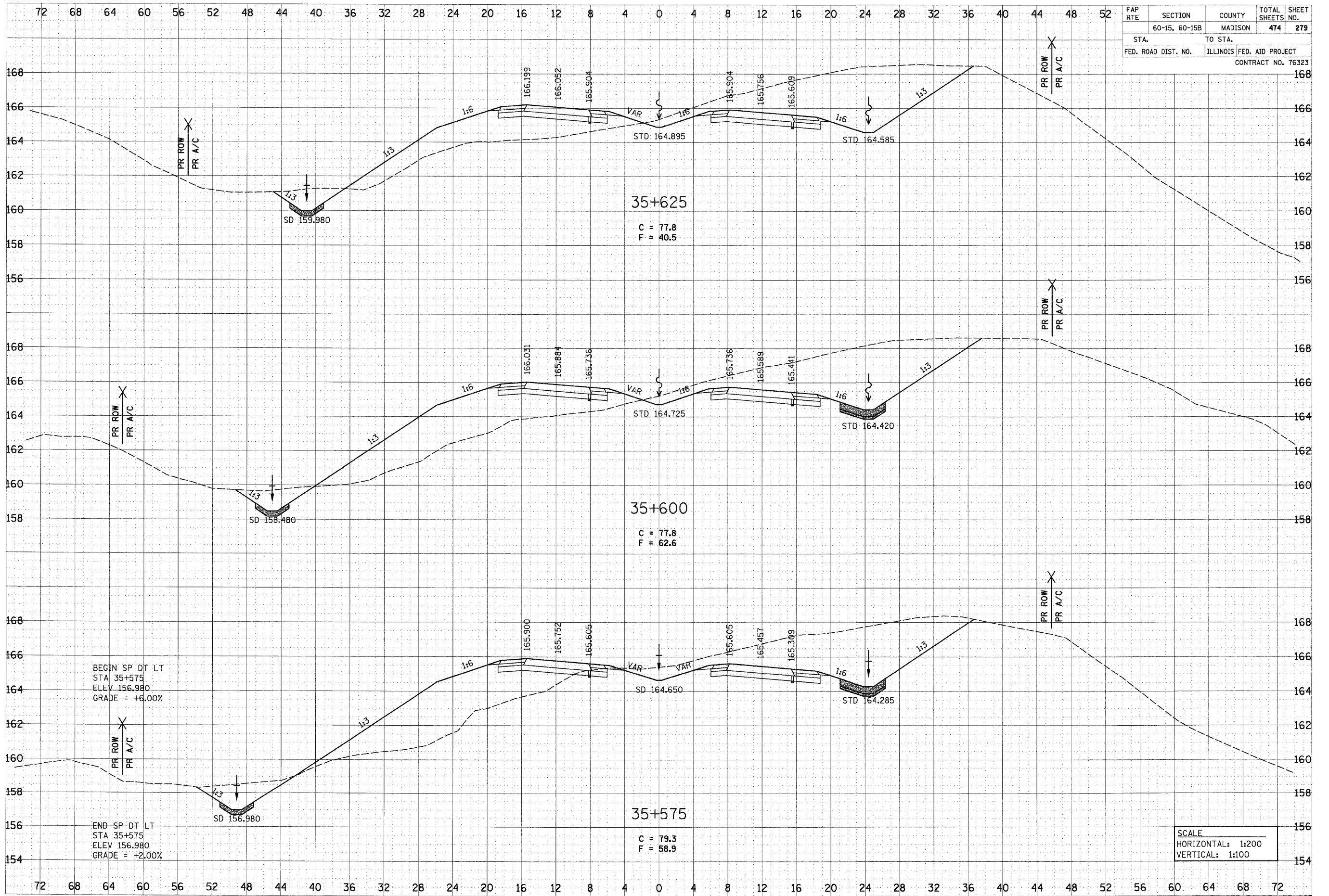
END SP DT LT
 STA 35+525
 ELEV 155.980
 GRADE = +0.50%

SCALE
 HORIZONTAL: 1:200
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| FAP RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 60-15, 60-15B | MADISON | 474 | 279 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | |
| CONTRACT NO. 76323 | | | | |

BEGIN SP DT LT
 STA 35+575
 ELEV 156.980
 GRADE = +6.00%

END SP DT LT
 STA 35+575
 ELEV 156.980
 GRADE = +2.00%

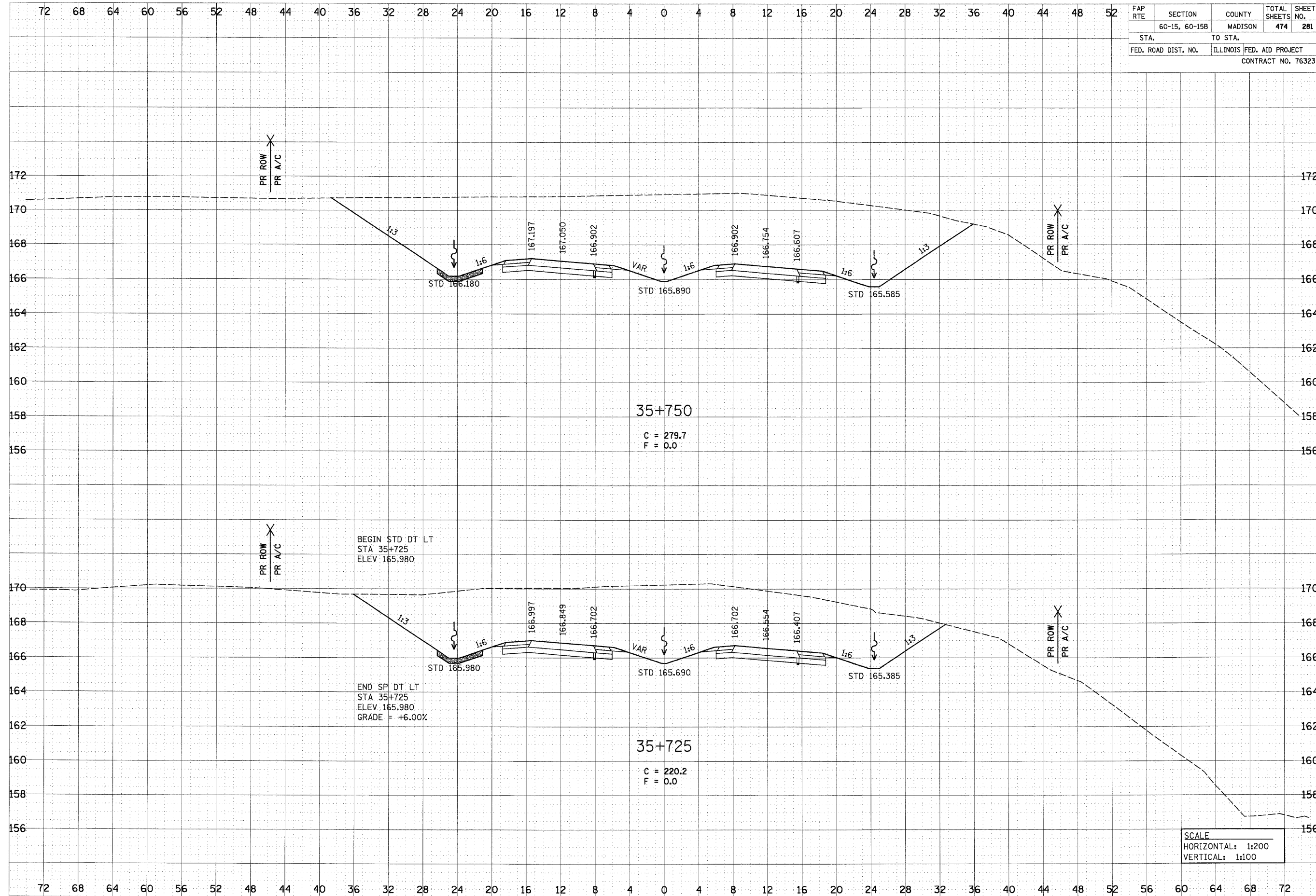
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| FAP RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 60-15, 60-15B | MADISON | 474 | 281 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | |
| CONTRACT NO. 76323 | | | | |



35+750
 C = 279.7
 F = 0.0

BEGIN STD DT LT
 STA 35+725
 ELEV 165.980

END SP DT LT
 STA 35+725
 ELEV 165.980
 GRADE = +6.00%

35+725
 C = 220.2
 F = 0.0

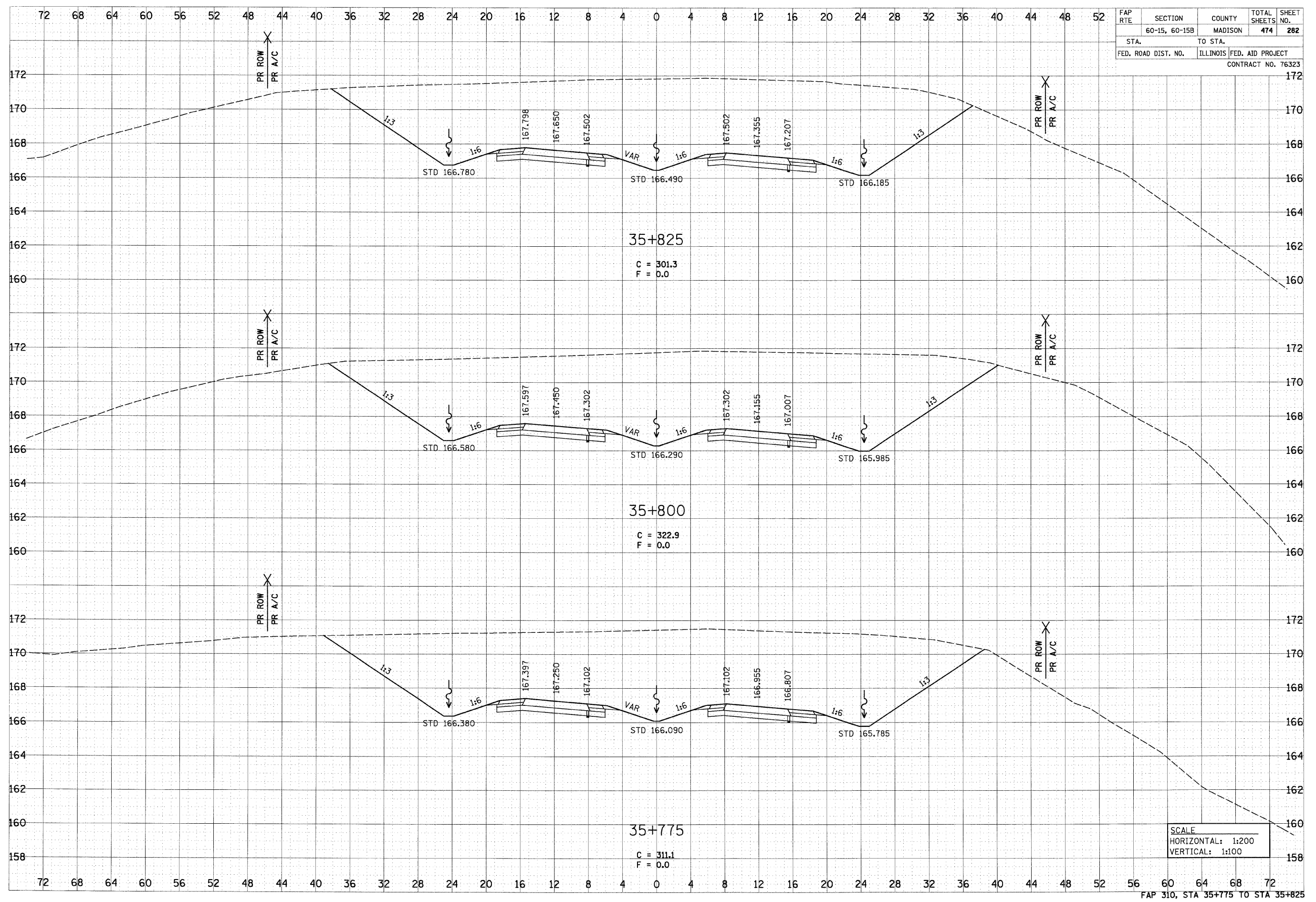
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| FAP RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 60-15, 60-15B | MADISON | 474 | 282 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | |
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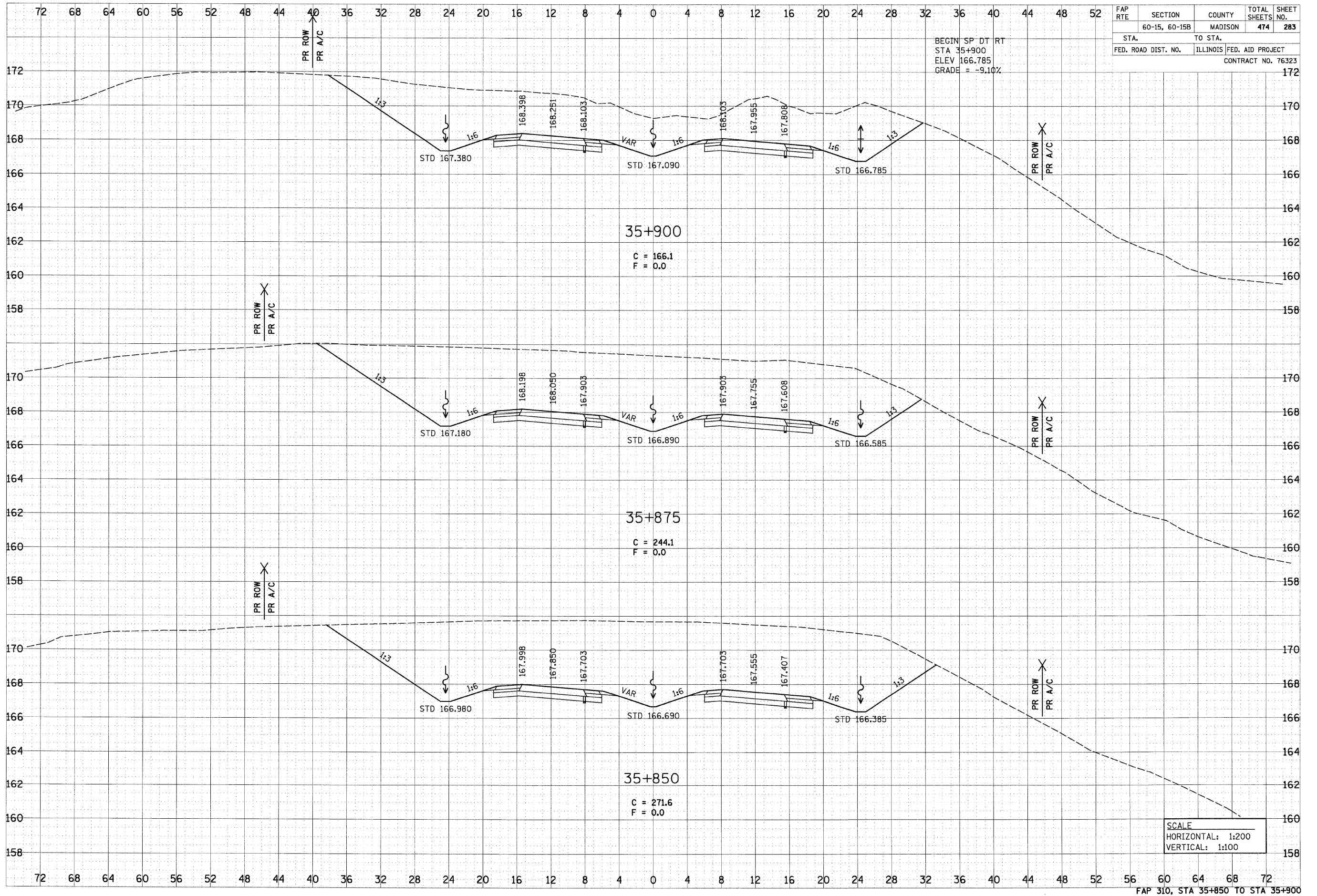
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| FAP RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 60-15, 60-15B | MADISON | 474 | 283 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 76323 | | | | |

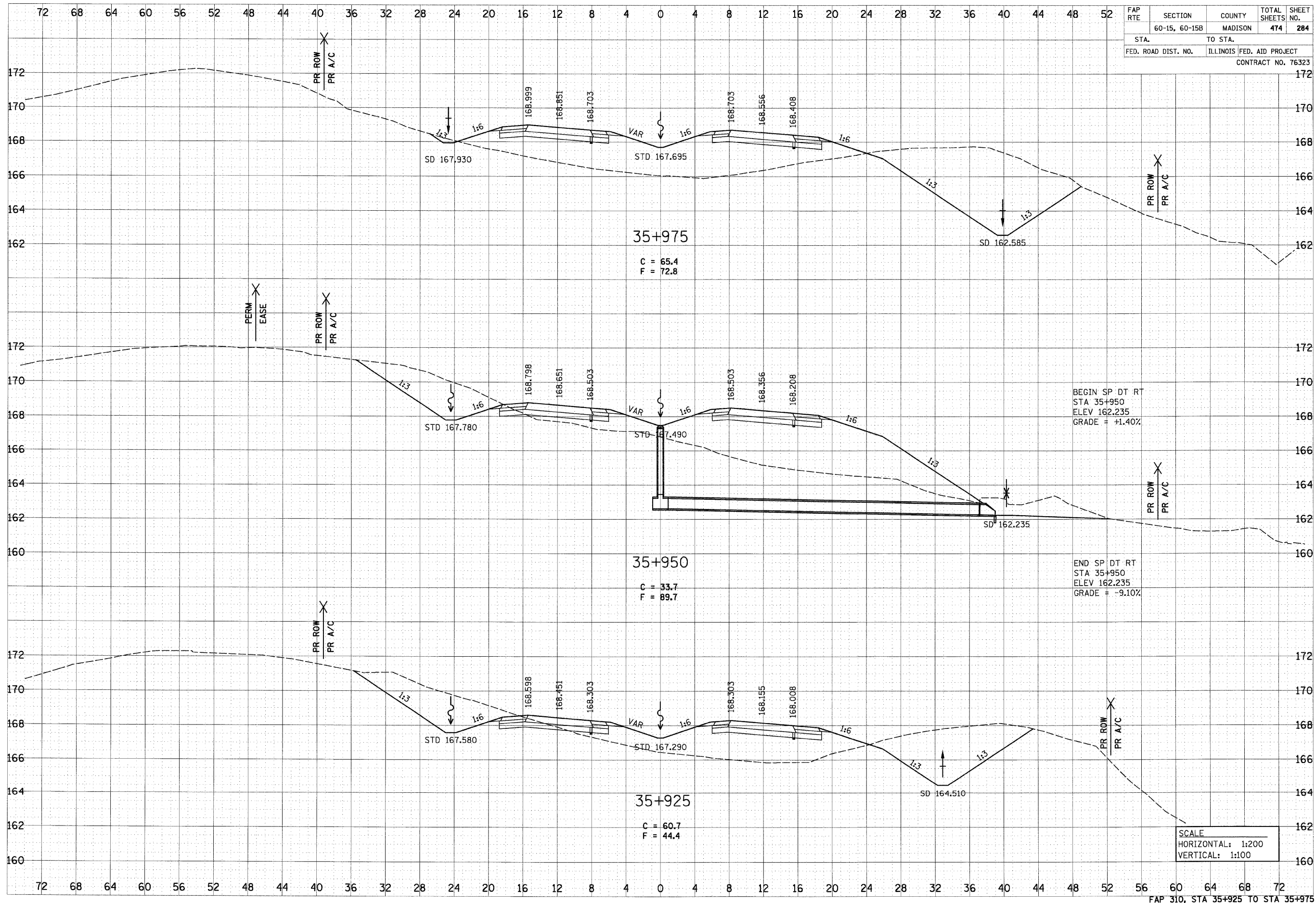
BEGIN SP DT RT
 STA 35+900
 ELEV 166.785
 GRADE = -9.10%

6/29/2007

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| FAP RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 60-15, 60-15B | MADISON | MADISON | 474 | 284 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| | | | | CONTRACT NO. 76323 |

BEGIN SP DT RT
 STA 35+950
 ELEV 162.235
 GRADE = +1.40%

END SP DT RT
 STA 35+950
 ELEV 162.235
 GRADE = -9.10%

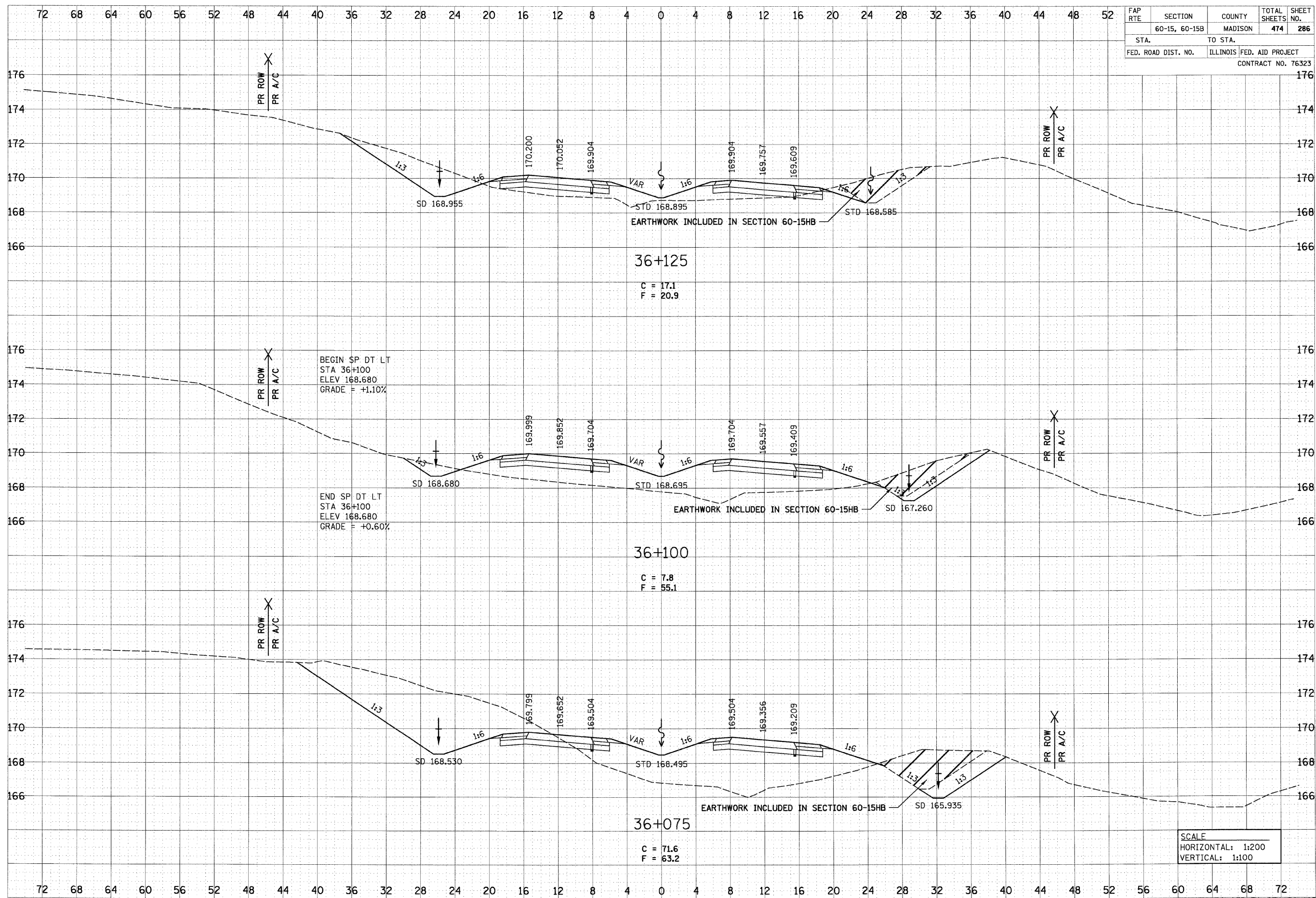
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| FAP RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 60-15, 60-15B | MADISON | 474 | 286 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | CONTRACT NO. 76323 | |



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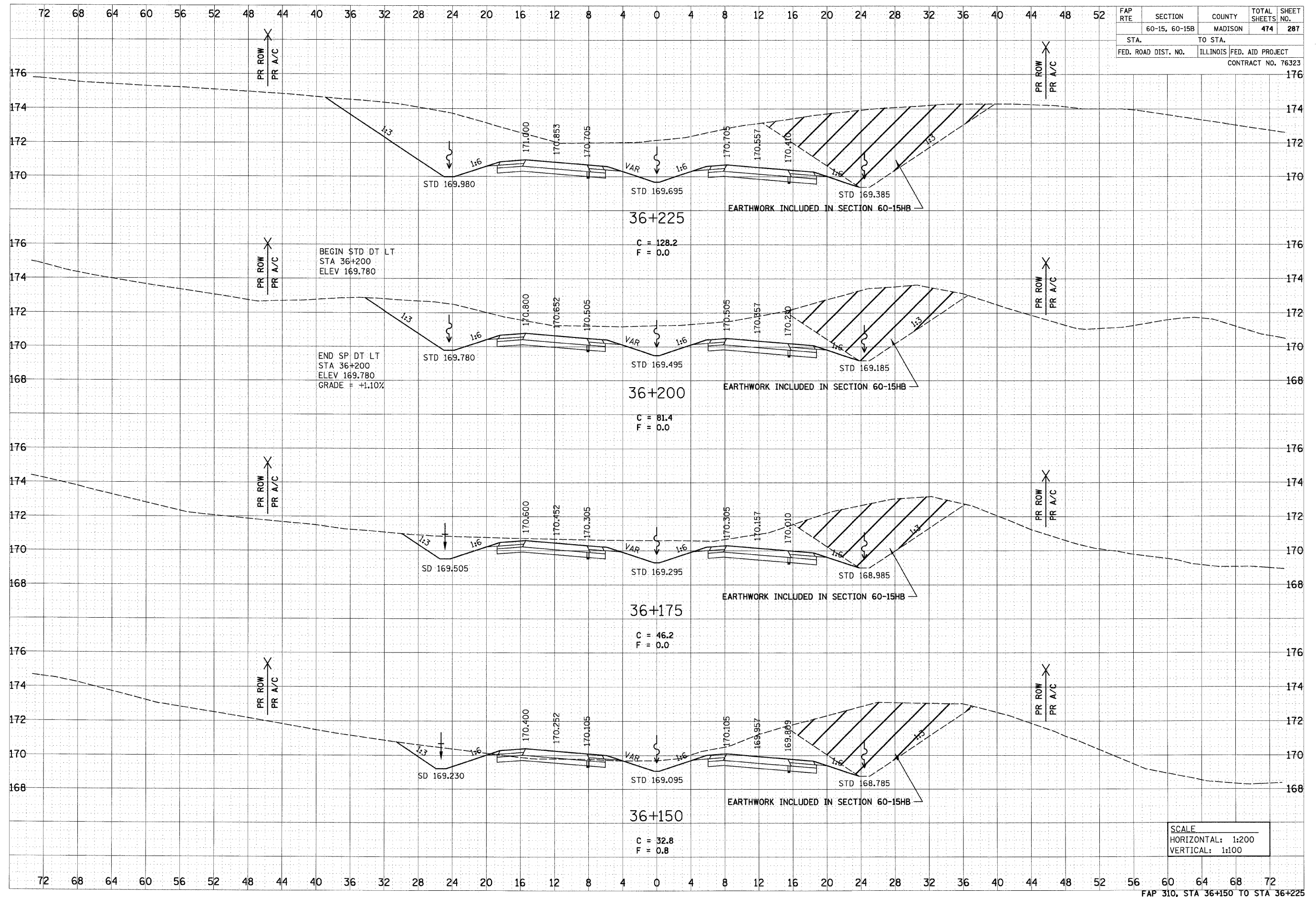
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| FAP RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 60-15, 60-15B | MADISON | 474 | 287 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| | | | | CONTRACT NO. 76323 |



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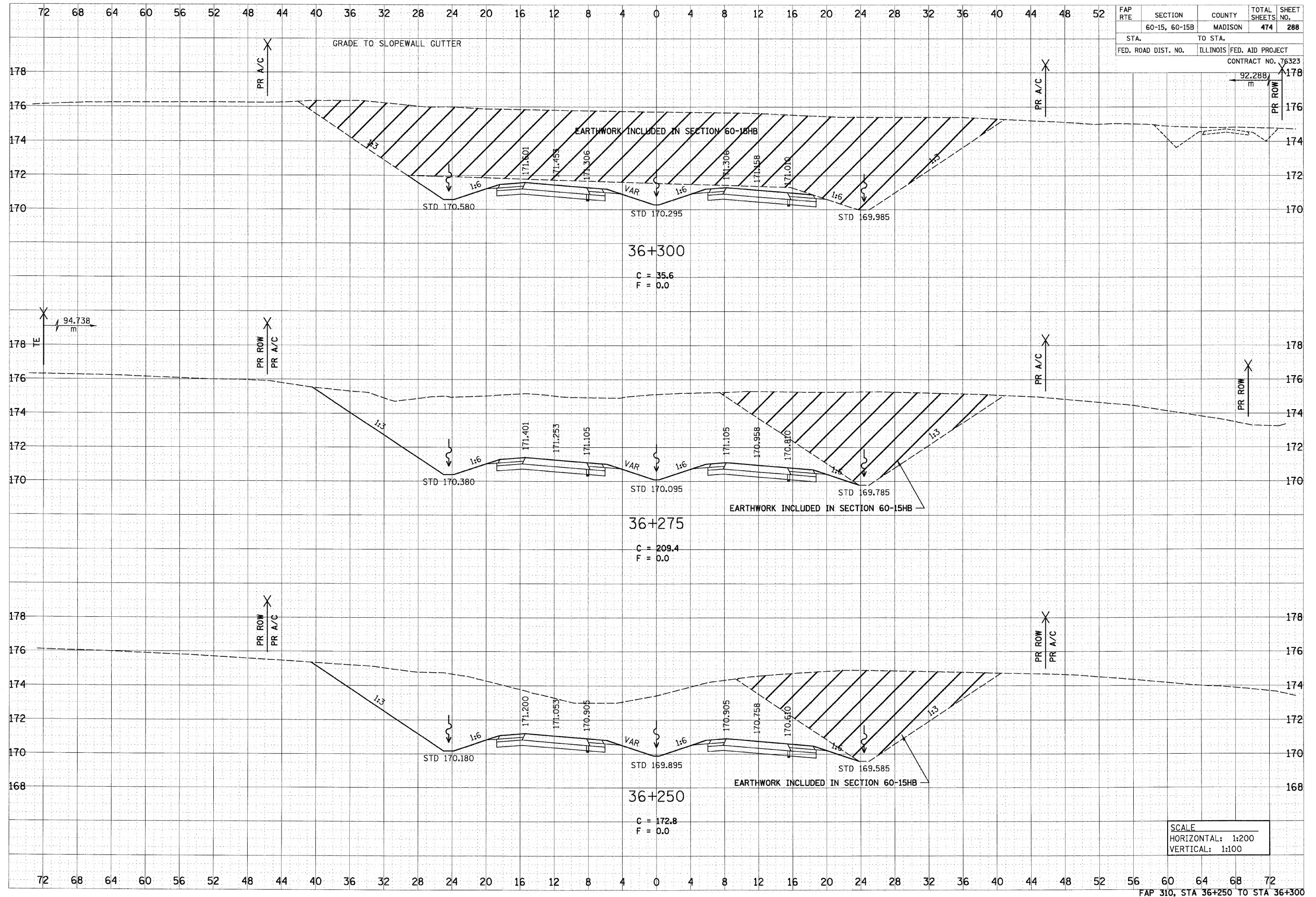
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| FAP RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 60-15, 60-15B | MADISON | 474 | 288 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| | | | CONTRACT NO. 76323 | |
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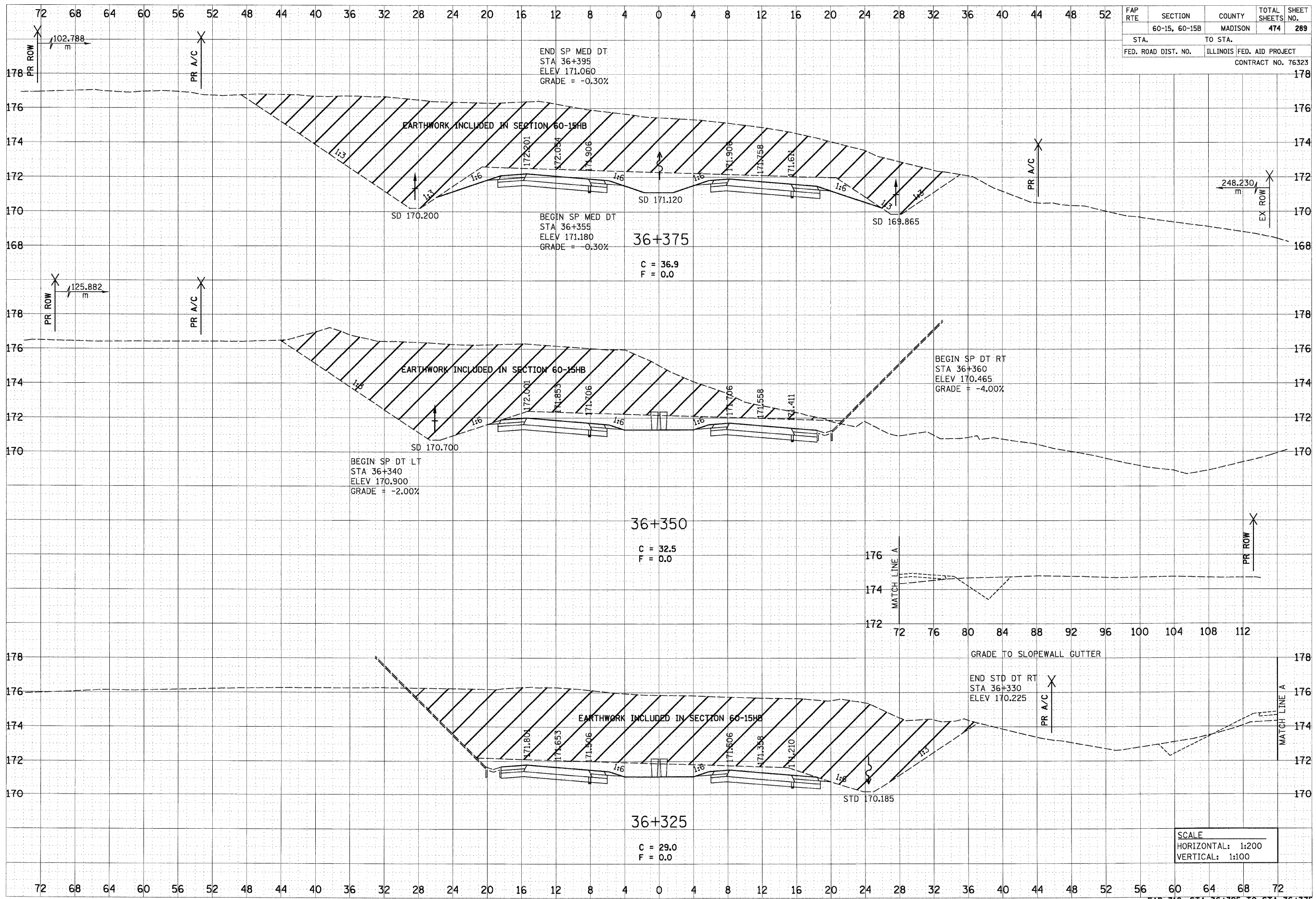
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| FAP RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 60-15, 60-15B | MADISON | 474 | 289 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | |
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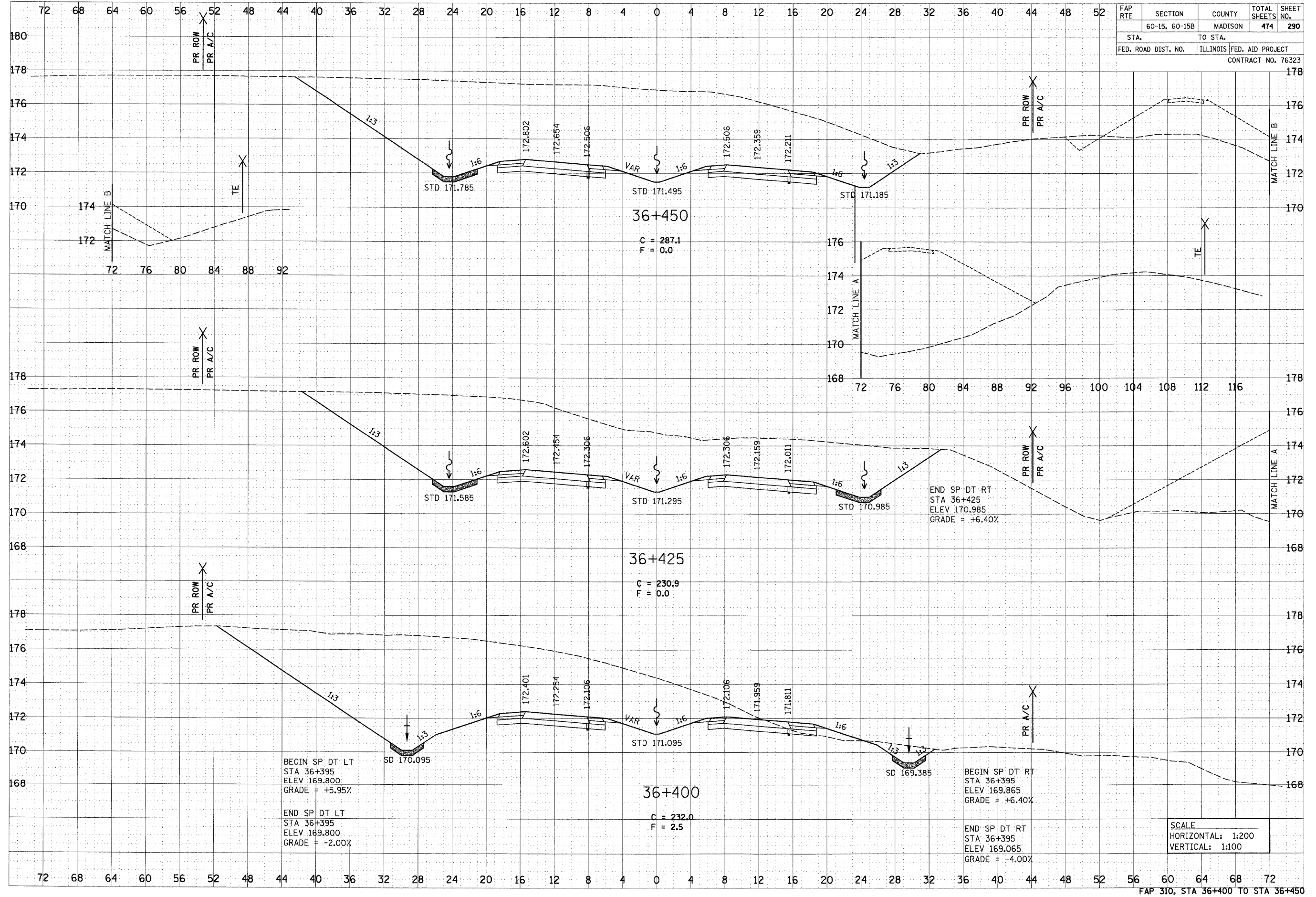
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| FAP RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 60-15, 60-15B | MADISON | 474 | 290 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
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SCALE
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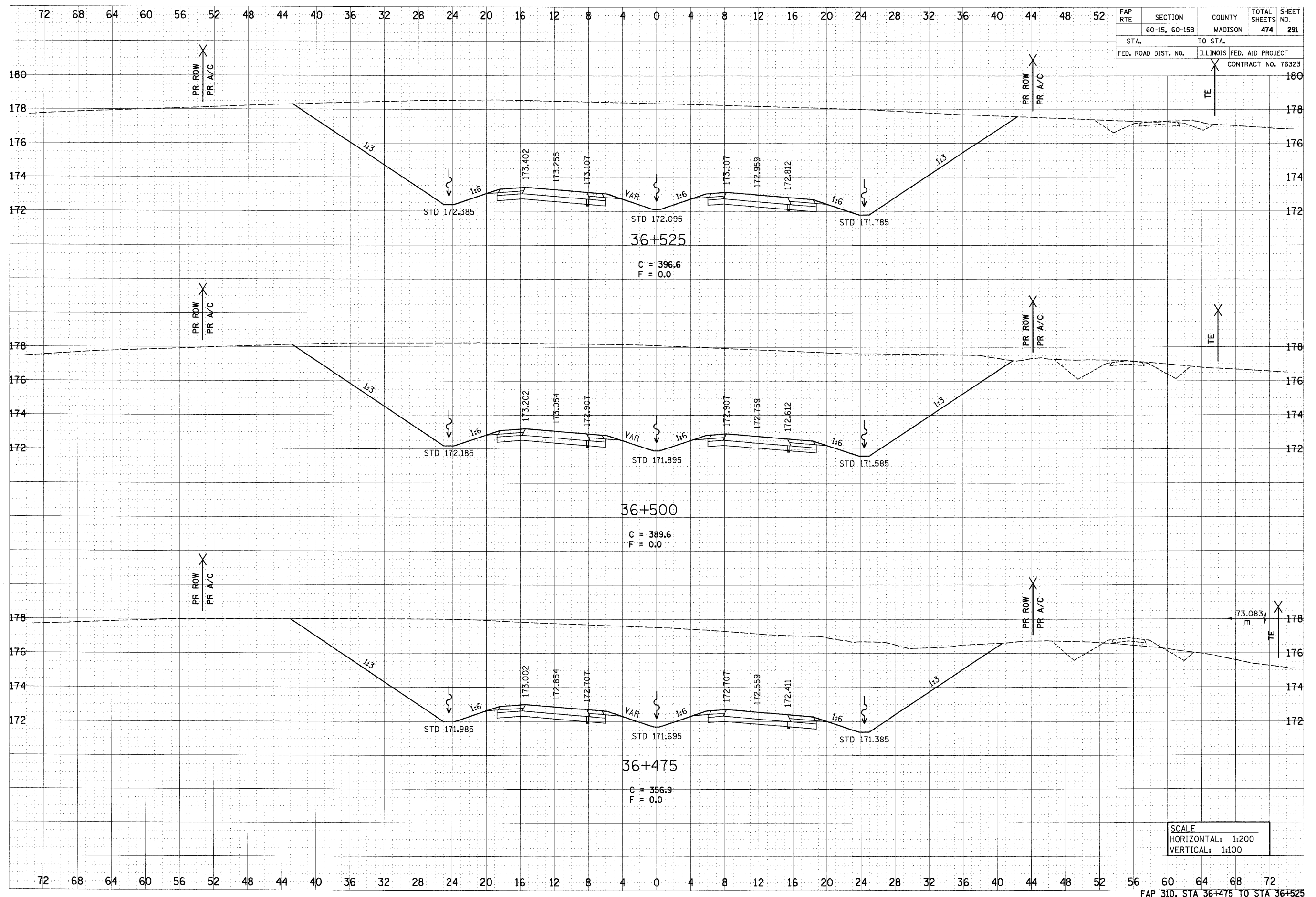
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| FAP RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 60-15, 60-15B | MADISON | 474 | 291 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | |
| | | CONTRACT NO. 76323 | | |



SCALE
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 VERTICAL: 1:100

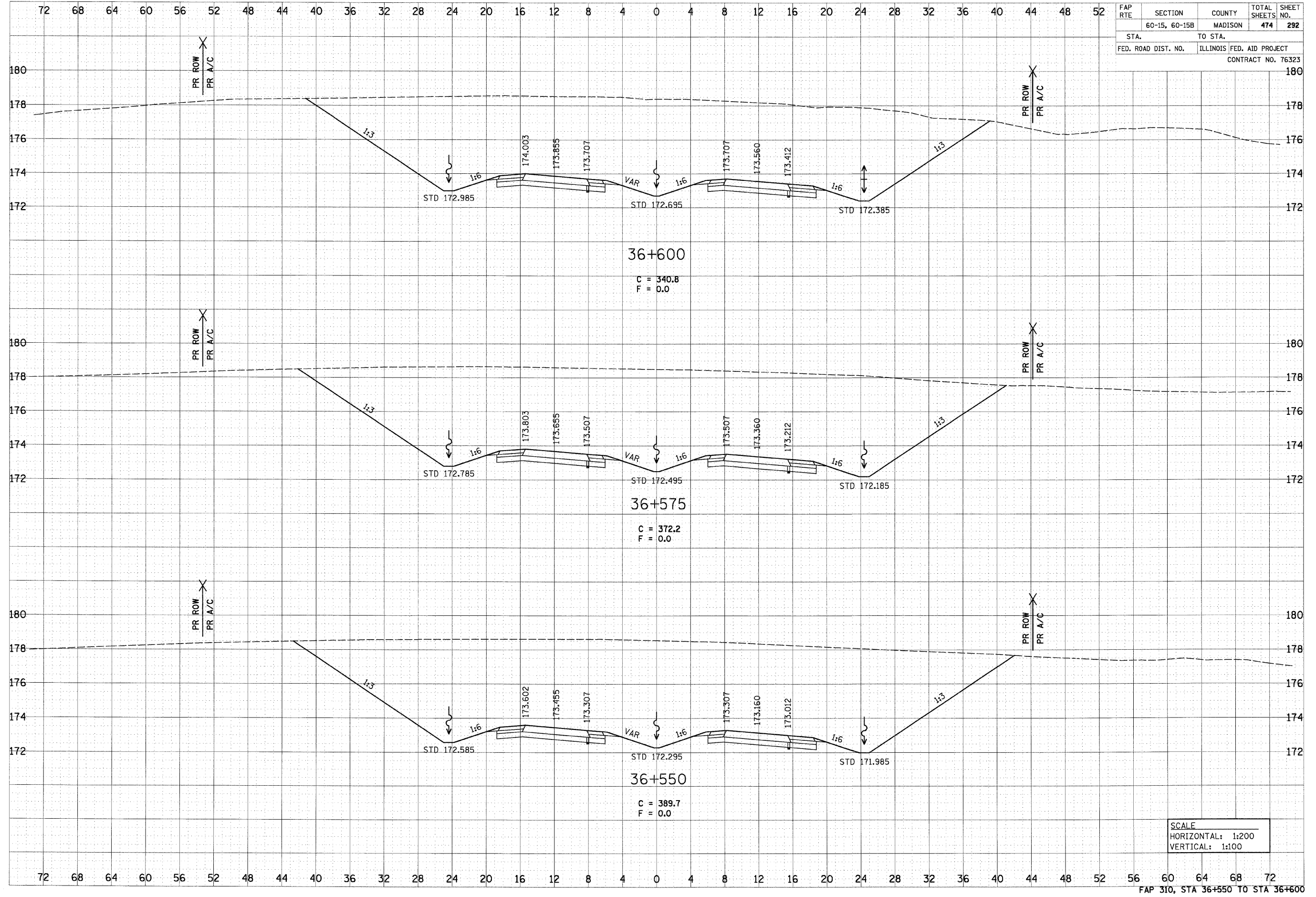
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| FAP RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 60-15, 60-15B | MADISON | 474 | 292 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | |
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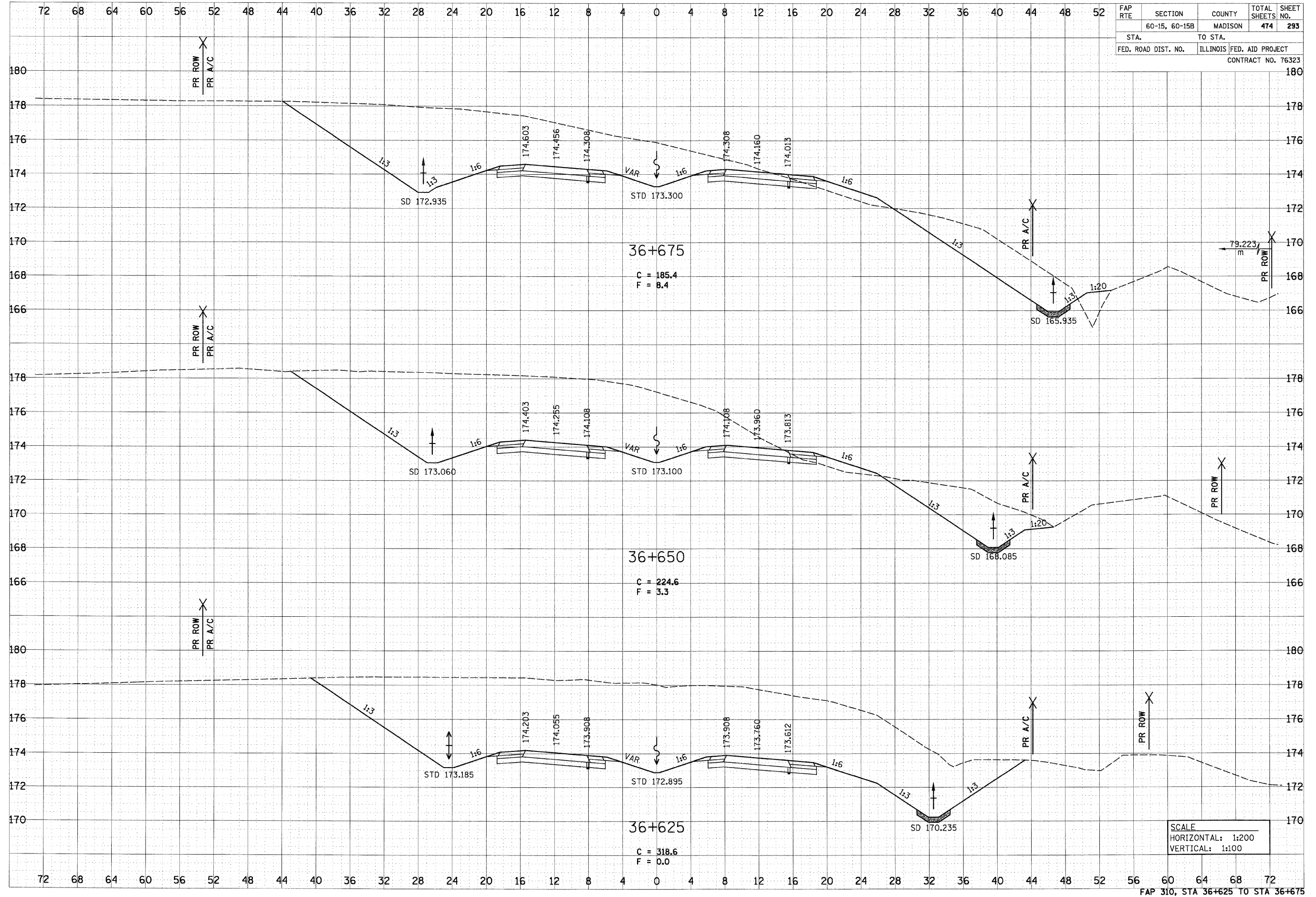
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| FAP RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 60-15, 60-15B | MADISON | 474 | 293 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | |
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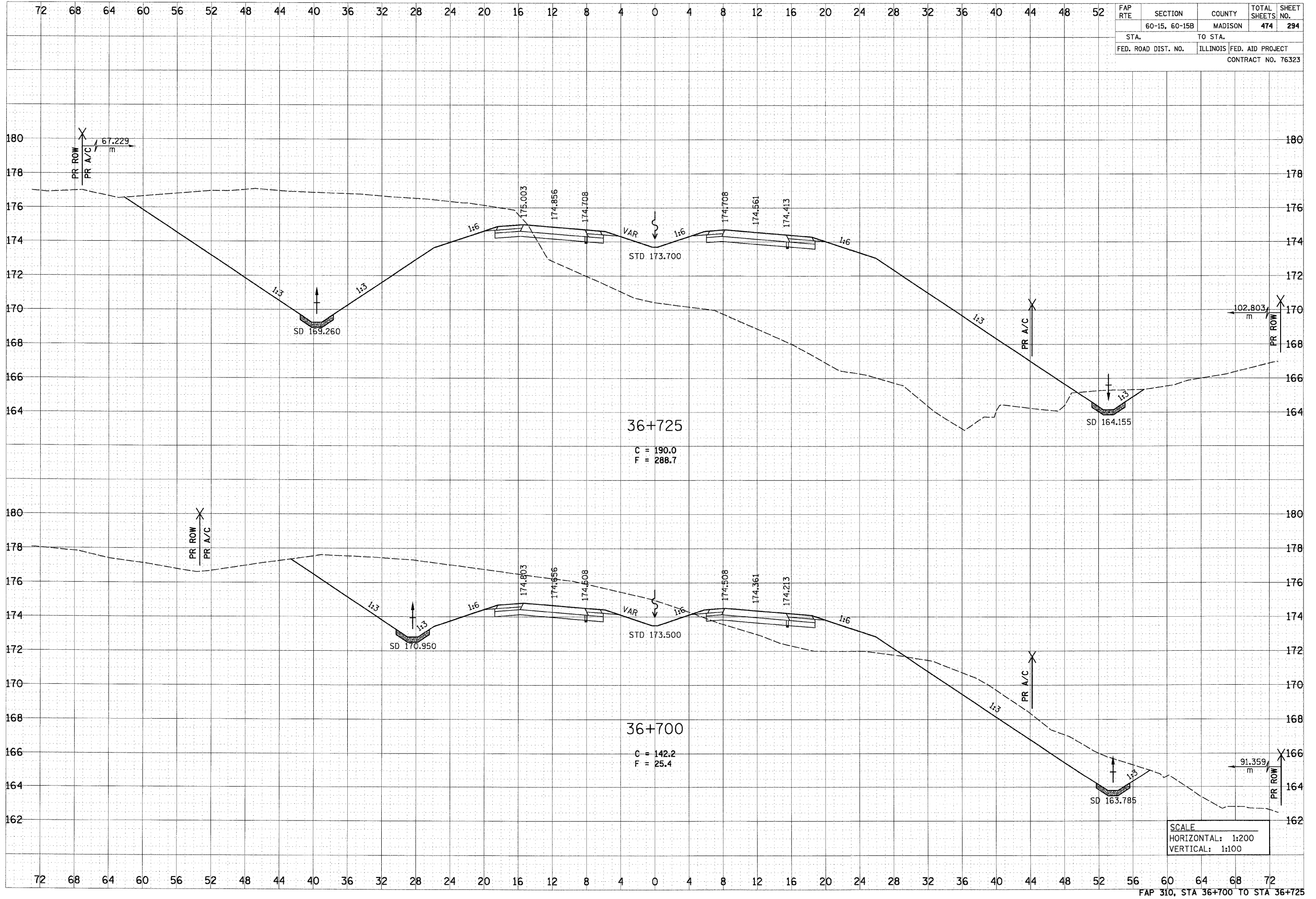
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| FAP RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 60-15, 60-15B | MADISON | 474 | 294 |
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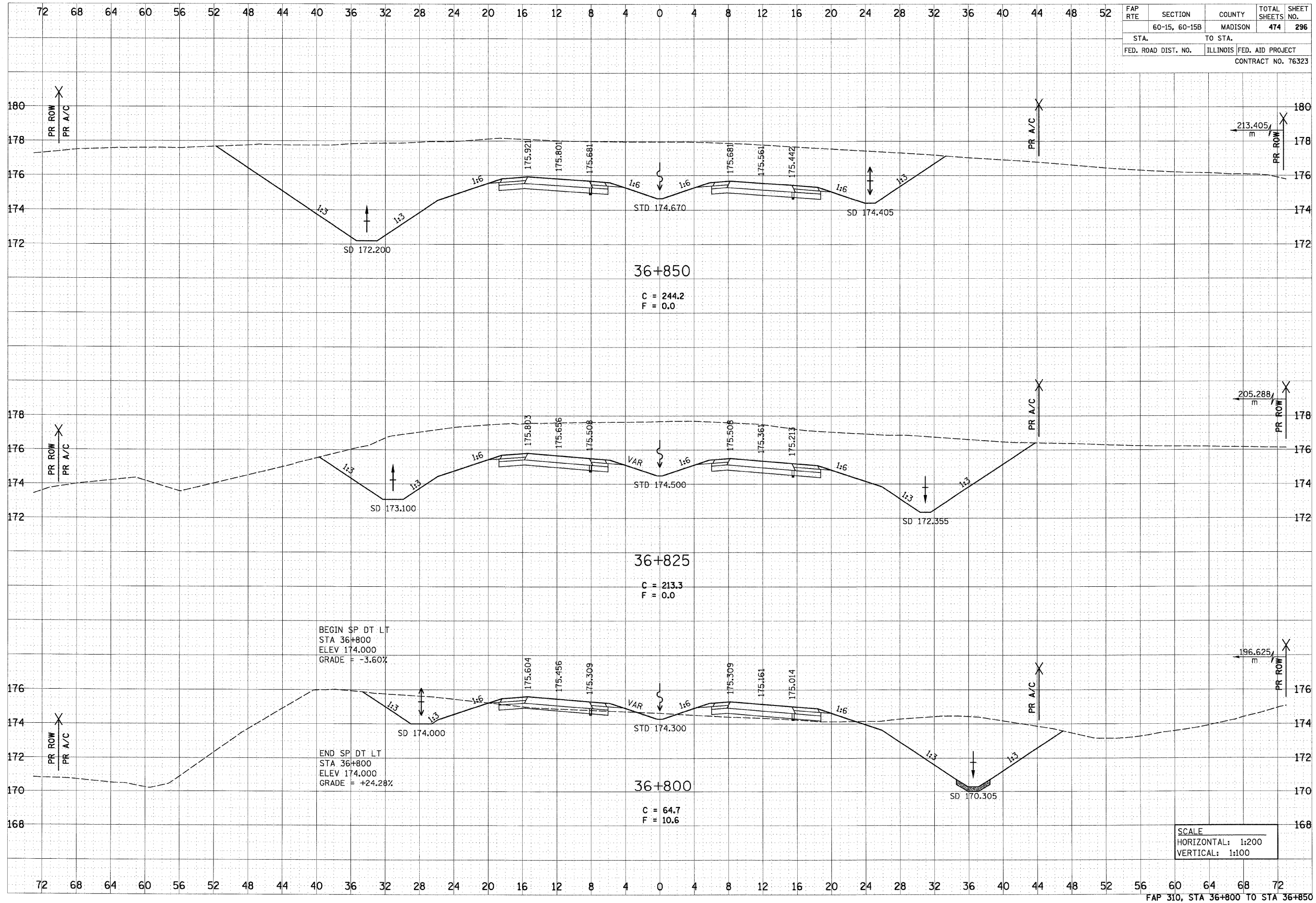
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| FAP RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 60-15, 60-15B | MADISON | 474 | 296 |
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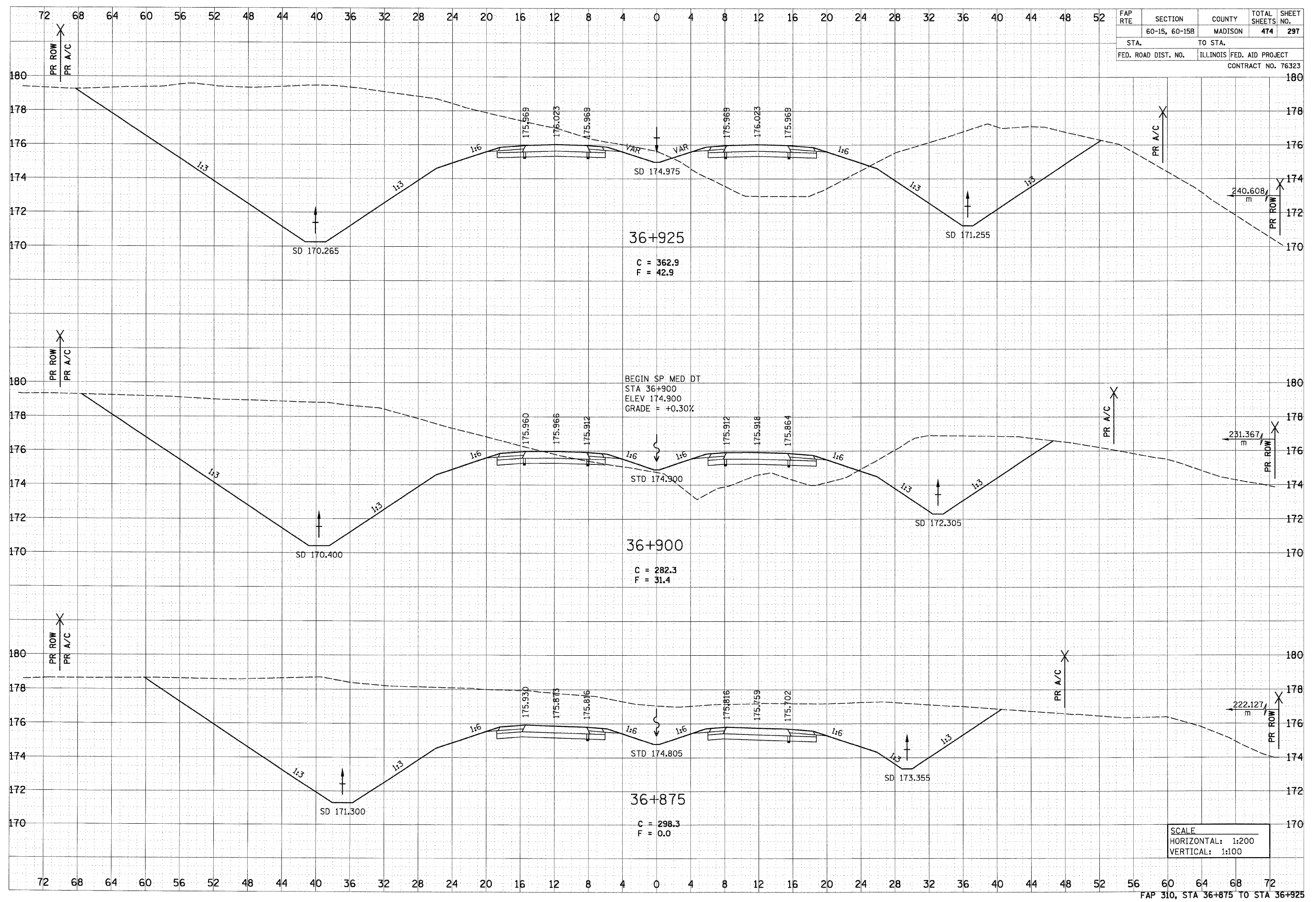
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| FAP RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 60-15, 60-15B | MADISON | 474 | 297 |
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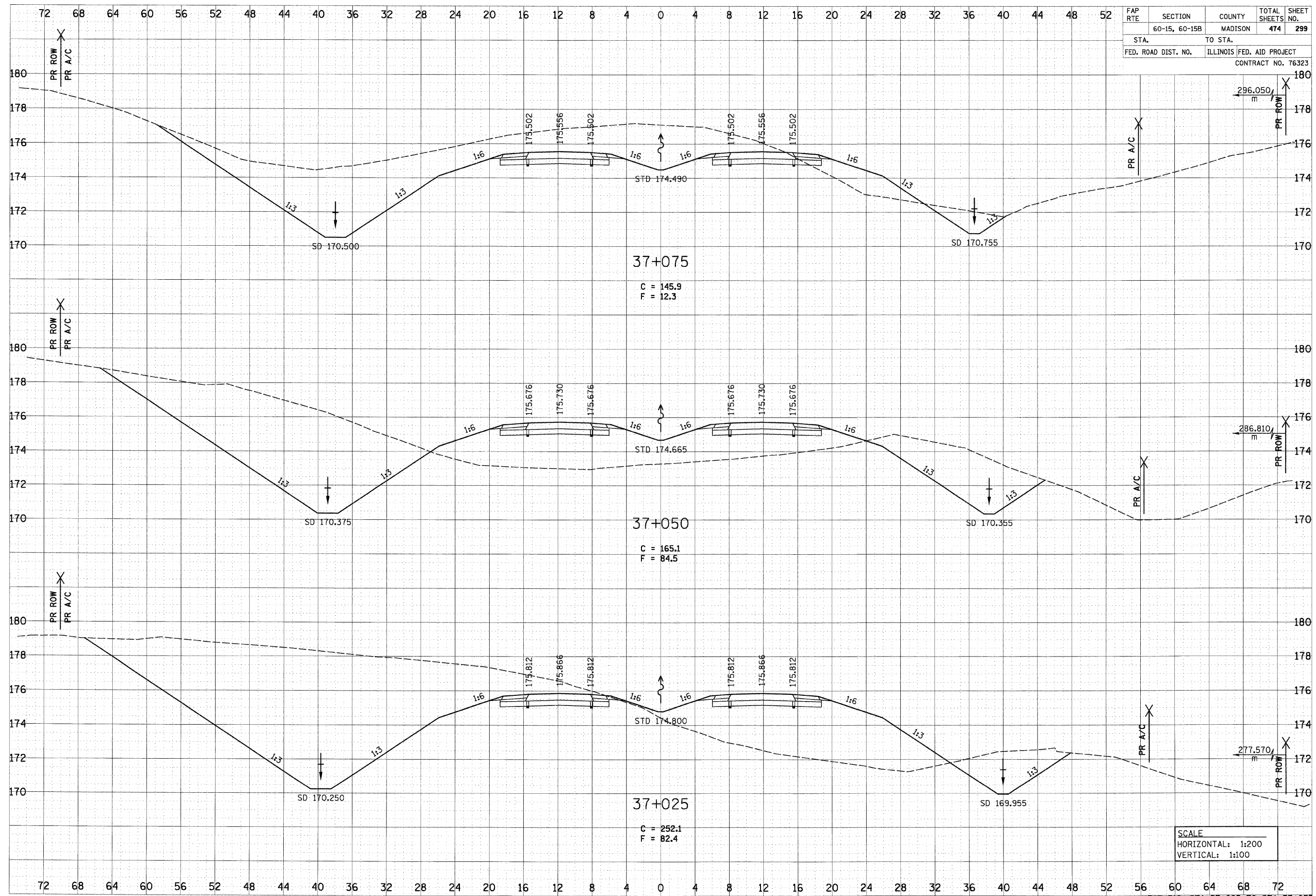
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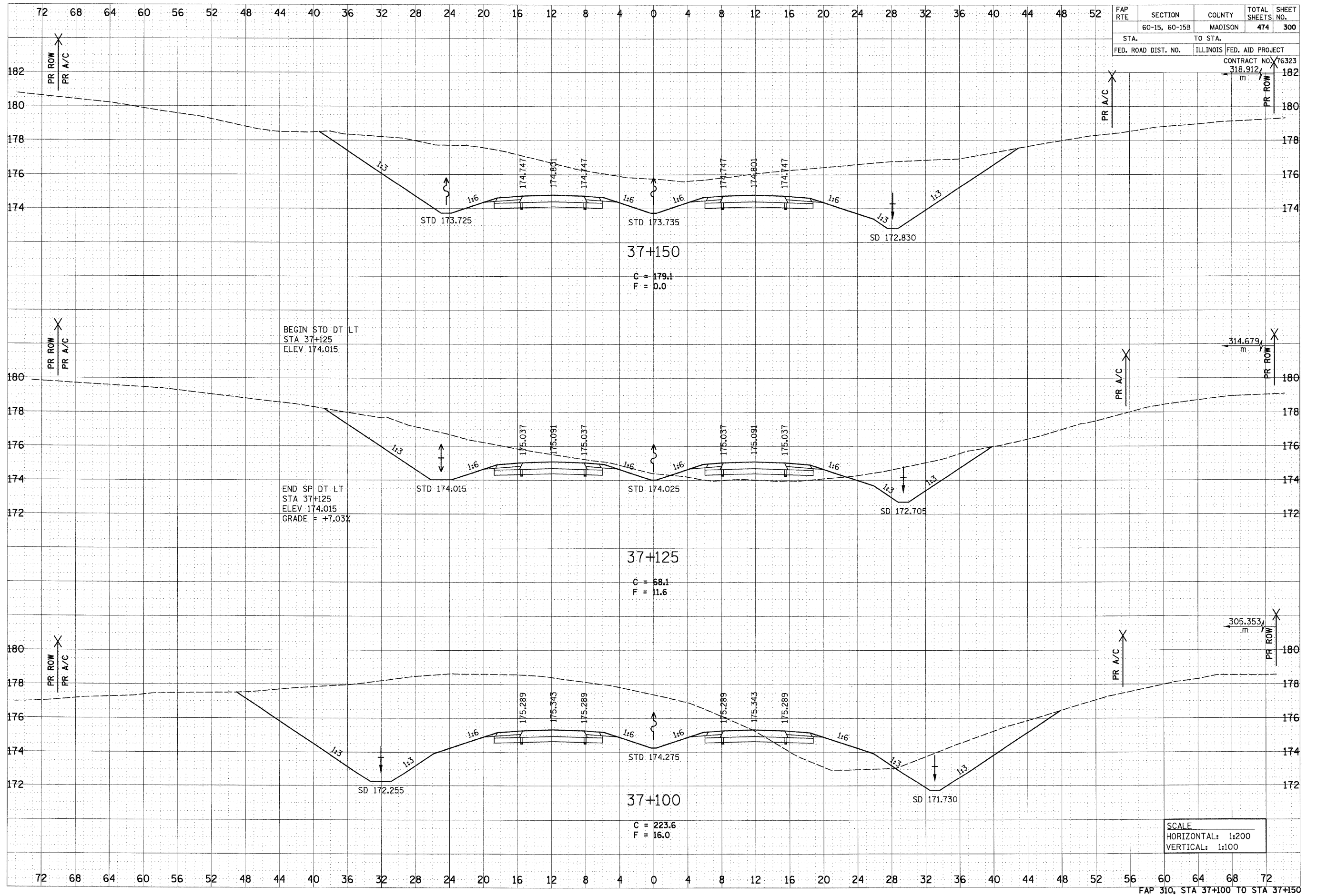
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| FAP RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 60-15, 60-15B | MADISON | 474 | 299 |
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| FAP RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| STA. | TO STA. | | | |
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