

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

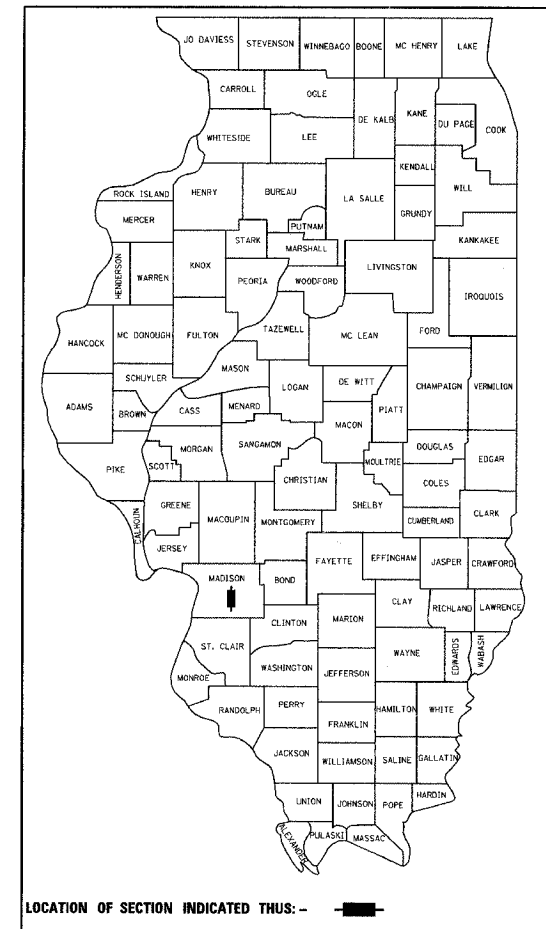
**PROPOSED
HIGHWAY PLANS**
FAP ROUTE 310 (IL-255)
SECTION 60-14 & 60-14-1B
PROJECT NO. NHF-0310 (094)
MADISON COUNTY

GRADING AND DOUBLE BOX CULVERT
C-98-167-01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	SECTION 60-14 SECTION 60-14-1B	MADISON	452	1

CONTRACT NO. 76321

D-98-037-92



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED March 23 2006
Mark C. Farris
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

PASSED _____ 20____
ENGINEER OF DESIGN AND ENVIRONMENT

APPROVED _____ 20____
DIRECTOR, DIVISION OF HIGHWAYS

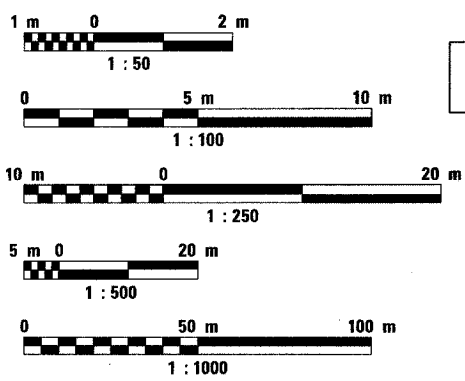
WOOLPERT
WOOLPERT LLP
4315 North Illinois Street,
Suite 1C
Belleville, Illinois 62226-1045
618-277-7004
Fax-618-277-6114

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

FOR INDEX OF SHEETS
AND IDOT HIGHWAY STANDARDS SEE SHEET 2

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

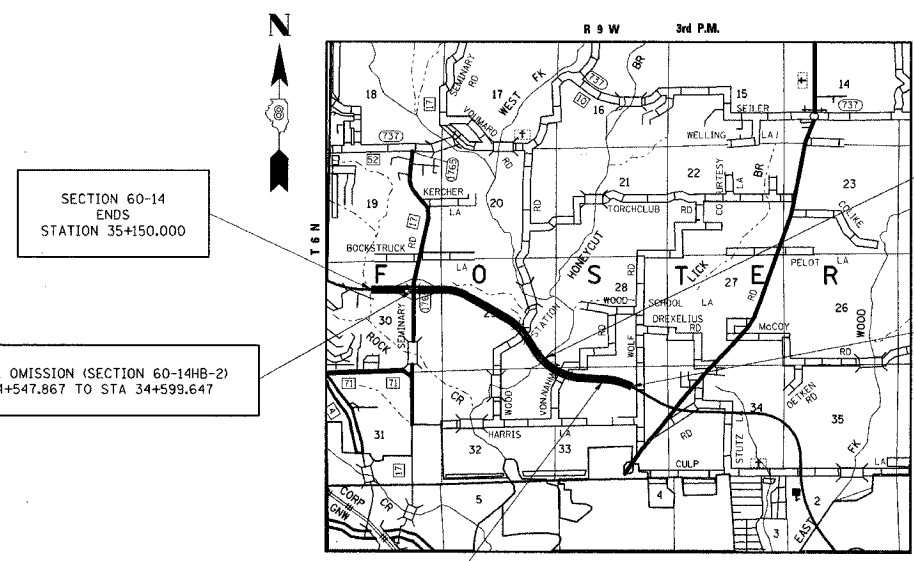
METRIC RATIOS



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

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

CONTRACT NO. 76321



SECTION 60-14-1B
DOUBLE 1.8m X 3.6m CAST-IN-PLACE
REINFORCED CONCRETE BOX CULVERT
STA 31+282.000
SN 060-2044

GROSS LENGTH OF SECTION 60-14	= 4241.804m	= 4.242km
OMISSION 60-14B	= 219.659m	= 0.220km
OMISSION 60-14HB-2	= 51.780m	= 0.052km
TOTAL OMISSIONS	= 271.439m	= 0.272km
NET LENGTH OF SECTION 60-14	= 3970.365m	= 3.970km

DESIGN DESIGNATION

2750 (08) TRUNK 7.11 (B-20)



William A. Boyle
ILLINOIS PROFESSIONAL ENGINEER NO. 062-27429 DATE 03-21-2006
EXP. 11-30-2007

PROJECT ENGINEER PATTI J. LEBEAU (618) 346-3179
SQUAD LEADER ART MUEHLFELD (618) 346-3209

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321				

GENERAL NOTES

- ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY ALSO BE OBTAINED BY CALLING J.U.L.I.E. AND FOR NON-J.U.L.I.E. MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS.
 - *AMEREN UE GAS DISTRIBUTION
 - *FOSTERBURG WATER
 - *SBC
 - *CHARTER
 - *AMEREN UE ELECTRIC

(MEMBERS OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY *
NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.)
- ALL AREAS DISTURBED FOR ANY REASON SHALL BE SEEDED WITH CLASS 2 SEEDING AS DIRECTED BY THE ENGINEER, WITH THE EXCEPTION THAT AREAS ANTICIPATED TO BE DISTURBED BY THE FUTURE PAVING CONTRACT SHALL BE SEEDED WITH CLASS 7 SEEDING. NUTRIENTS SHALL CONFORM TO ARTICLE 250.04 OF THE STANDARD SPECIFICATIONS. ANY SEEDING REQUIRED OUTSIDE THE CONSTRUCTION LIMITS OR RIGHT OF WAY FOR THIS CONTRACT SECTION WILL NOT BE PAID FOR SEPARATELY AND CONSIDERED AS A CONTRACTOR'S EXPENSE.
- MULCH SHALL CONFORM TO SECTION 251 OF THE STANDARD SPECIFICATIONS. MULCH, UNLESS OTHERWISE PERMITTED BY THE ENGINEER, SHALL CONFORM TO METHOD 2, PROCEDURE 2 AS SPECIFIED IN ARTICLE 251.03.
- THE CONTRACTOR SHALL EXERCISE CARE IN TREE REMOVAL OPERATIONS AND TAKE WHATEVER PRECAUTIONS NECESSARY TO REMOVE ONLY THOSE TREES NECESSARY TO THE CONSTRUCTION OF THIS PROJECT AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE AWARE THAT HE MAY FIND ARCHEOLOGICAL EXCAVATIONS THAT HAVE NOT BEEN FILLED IN. THE CONTRACTOR SHALL DEWATER THE EXCAVATION, IF NECESSARY, AND FILL AND COMPACT THE HOLE WITH DIRT IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND TO THE SATISFACTION OF THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED INCLUDED IN THE COST FOR EARTHWORK, AND NO OTHER COMPENSATION WILL BE ALLOWED.
- THE ARCHAEOLOGICAL CLEARANCE HAS NOT BEEN OBTAINED FOR THE ENTIRE PROJECT, THE RESIDENT ENGINEER SHALL PROVIDE THE CONTRACTOR THOSE AREAS OF THE PROJECT WHICH HAVE BEEN CLEARED, AND IN WHICH THE CONTRACTOR MAY WORK. THE RESIDENT ENGINEER SHALL ALSO NOTIFY THE CONTRACTOR WHEN ADDITIONAL SITES BECOME AVAILABLE.
- RIGHT OF WAY MARKERS SHALL BE SET SO THE BACK OF THE POST IS TWELVE (12") INCHES INSIDE THE RIGHT OF WAY BOUNDARY. RIGHT OF WAY PROPERTY CORNERS ARE MARKED BY A 3/8" IRON ROD WITH IDOT ALUMINUM CAP AND SHALL NOT BE REMOVED OR DAMAGED WHEN SETTING THE RIGHT OF WAY MARKERS.

INDEX OF SHEETS

- TITLE SHEET
- GENERAL NOTES, INDEX OF SHEETS AND STANDARDS
- SUMMARY OF QUANTITIES
- 4-9 TYPICAL SECTIONS - FAP ROUTE 310
- 10-13 TYPICAL SECTIONS - RAMP
- 14-16 SCHEDULE OF QUANTITIES
- 17-19 HORIZONTAL CONTROL
- 20-23 TIES POINTS
- 24 SUPERELEVATION TABLES - FAP ROUTE 310
- 25-37 PLAN AND PROFILE FAP ROUTE 310
- 38-47 PLAN AND PROFILE RAMP
- 48-60 PLAN AND PROFILE FAP ROUTE 310 - DRAINAGE
- 61-70 PLAN AND PROFILE RAMP - DRAINAGE
- 71 INTERCHANGE LAYOUT
- 72 INTERCHANGE ROADWAY
- 73 INTERCHANGE SHEAR LINE DETAIL
- 74 INTERCHANGE GRADING
- 75 INTERCHANGE DRAINAGE
- 76-77 INTERCHANGE RAMP PAVING DETAIL
- 78-81 INTERCHANGE PAVEMENT ELEVATION DETAIL
- 82-97 SOIL STRATA - FAP ROUTE 310
- 98-107 SOIL STRATA - RAMP
- 108 MISCELLANEOUS DETAILS
- 109-111 DRAINAGE DETAILS
- 112-123 EROSION AND SEDIMENT CONTROL PLANS
- 124-125 TREE REMOVAL AREAS
- 126-145 PLAT OF HIGHWAYS
- 146-153 BOX CULVERT DETAILS
- 154-159 STRUCTURE PLANS - SECTION 60-14B-1
- 160-215 CULVERT PROFILES FAP ROUTE 310
- 216-217 CULVERT PROFILES RAMP
- 218-421 CROSS SECTIONS FAP ROUTE 310
- 422-452 CROSS SECTIONS RAMP

COMMITMENTS

CONSTRUCT EARTH NOISE BERM FROM STA 32+994.000 TO STA 33+090.000 AND FROM STA 33+504.000 TO STA 33+950.000

THE RESIDENCE STRUCTURE AT PARCEL # 8238012 IS CURRENTLY UNDER NEGOTIATION. I.E. THE PROPERTY OWNER HAS REQUESTED THAT THE BUILDING REMAIN. THE CONTRACTOR SHOULD BE AWARE THAT ADJUSTMENTS TO THE SLOPES IN THIS AREA MAY BE NECESSARY. NO WORK IN THE AREA BETWEEN STATION 31+995± TO STATION 32+090± RIGHT WILL BE PERMITTED UNTIL THE LAND ACQUISITION SECTION HAS BEEN CONTACTED REGARDING THE RESULTS OF THE NEGOTIATION. CONTACT TIM PRICE, CONDEMNATION ENGINEER AT (618) 346-3123 TO CONFIRM.

IDOT HIGHWAY STANDARDS

- 000001-04
- 001001
- 202001
- 280001-02
- 406001-03
- 406101-02
- 515001-02
- 542201
- 542301
- 542401
- 542511
- 542606
- 604101
- 604106
- 665001-01
- 666001

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
GENERAL NOTES, INDEX OF SHEETS,
AND STANDARDS

FAP ROUTE 310
FAP ROUTE 310 SECTION 60-14. 60-14-1B
MADISON COUNTY

DATE _____ DRAWN BY BANDY
CHECKED BY STEUART

ILLINOIS DEPARTMENT OF TRANSPORTATION 1997 77-2096 06 00 07 08

SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	•	MADISON	452	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CODED NO	DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% FEDERAL 20% STATE ROADWAY 1000-2A	80% FEDERAL 20% STATE CULVERT X028-2A	80% FEDERAL 20% STATE IMPACT ATTENUATORS SFTY-3N
28000300	TEMPORARY DITCH CHECKS	EACH	361	361		
28000500	INLET AND PIPE PROTECTION	EACH	20	20		
51500100	NAME PLATES	EACH	1		1	
54245205	INLET BOX, STANDARD 542511	EACH	14	14		
60246605	MEDIAN INLET (604101)	EACH	9	9		
60246805	MEDIAN INLET (604106)	EACH	6	6		
60900515	CONCRETE THRUST BLOCKS	EACH	7	7		
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	55	55		
66600205	RE-ERECTING RIGHT-OF-WAY MARKERS	EACH	6	6		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	15	15		
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	15	15		
67100100	MOBILIZATION	L SUM	1	1		
M2010110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	506	506		
M2010210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	768	768		
M2010500	TREE REMOVAL, HECTARES	HA	15.6	15.6		
M2020010	EARTH EXCAVATION	CU M	428890	428890		
M2500200	SEEDING, CLASS 2	HA	28.1	28.1		
M2500350	SEEDING, CLASS 7	HA	1.8	1.8		
M2500400	NITROGEN FERTILIZER NUTRIENT	KG	2990	2990		
M2500500	PHOSPHORUS FERTILIZER NUTRIENT	KG	2990	2990		
M2500600	POTASSIUM FERTILIZER NUTRIENT	KG	2990	2990		
M2510120	MULCH, METHOD 2	M TON	97.3	97.3		
M2510630	EROSION CONTROL BLANKET	SQ M	81,141	81,141		
M2800200	EARTH EXCAVATION FOR EROSION CONTROL	CU M	169	169		
M2800250	TEMPORARY EROSION CONTROL SEEDING	KG	15455	15455		
M2800400	PERIMETER EROSION BARRIER	METER	4114	4114		
M2801000	AGGREGATE (EROSION CONTROL)	M TON	52	52		
M2810105	STONE RIPRAP, CLASS A3	SQ M	1938	1938		
M2810107	STONE RIPRAP, CLASS A4	SQ M	6146	6146		
M2820200	FILTER FABRIC	SQ M	6146	6146		
M5080105	REINFORCEMENT BARS	KG	175,247	76104	119,143	
M5403000	CONCRETE BOX CULVERTS	CU M	1514	637.3	876.7	
M542C528	REINFORCED CONCRETE PIPE TEE, 600MM PIPE WITH 600MM RISER	EACH	7	7		
M542C536	REINFORCED CONCRETE PIPE TEE, 750MM PIPE WITH 600MM RISER	EACH	1	1		
M542C544	REINFORCED CONCRETE PIPE TEE, 900MM PIPE WITH 600MM RISER	EACH	1	1		
M542C644	REINFORCED CONCRETE PIPE TEE, 900MM PIPE WITH 900MM RISER	EACH	6	6		
M542E028	END SECTIONS 600MM	EACH	14	14		
M542E044	END SECTIONS 900MM	EACH	10	10		
M542F028	METAL END SECTIONS 600MM	EACH	7	7		
M542F236	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 750MM	EACH	2	2		
M542H040	PIPE CULVERTS, CLASS A, TYPE 1 600MM	METER	292.0	292.0		

• SPECIALTY ITEM

CODED NO	DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% FEDERAL 20% STATE ROADWAY 1000-2A	80% FEDERAL 20% STATE CULVERT X028-2A	80% FEDERAL 20% STATE IMPACT ATTENUATORS SFTY-3N
M542H055	PIPE CULVERTS, CLASS A, TYPE 1 900MM	METER	22.0	22.0		
M542I040	PIPE CULVERTS, CLASS A, TYPE 2 600MM	METER	138.0	138.0		
M542I050	PIPE CULVERTS, CLASS A, TYPE 2 750MM	METER	57.0	57.0		
M542I055	PIPE CULVERTS, CLASS A, TYPE 2 900MM	METER	262.0	262.0		
M6010145	PIPE DRAINS 600MM	METER	126.5	126.5		
M6650100	WOVEN WIRE FENCE, 1.2 METER	METER	7935	7935		
M6650340	WOVEN WIRE GATES, 1.2M X 4.9M DOUBLE	EACH	4	4		
MX032505	CONCRETE COLLAR SPECIAL	EACH	7	7		
X0488100	REMOVING EXISTING SEPTIC TANK	EACH	1	1		
X5041800	CONCRETE ANCHORS	EACH	15	15		
M2054500	ROCK FILL	M TON	204	204		

• SPECIALTY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

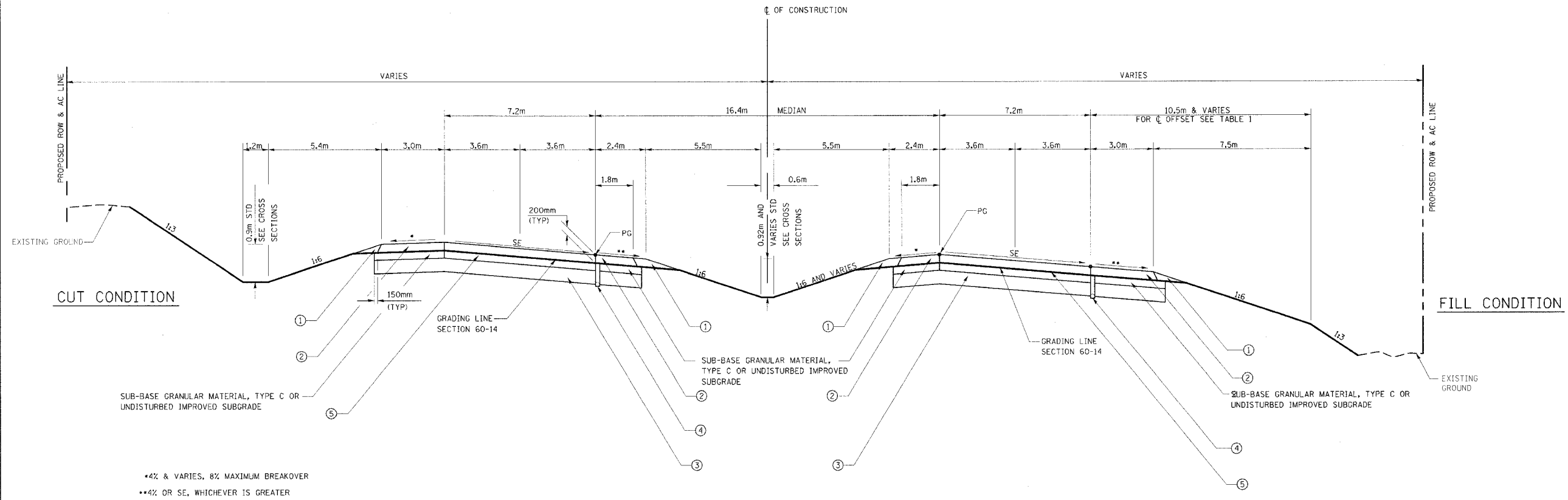
FAP ROUTE 310
FAP ROUTE 310 SECTION 60-14, 60-14-1B
MADISON COUNTY

DRAWN BY BANDY
CHECKED BY STEUART

DATE

Rev.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	4
STA.	TO STA.			
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321				



*4% & VARIES, 8% MAXIMUM BREAKOVER
**4% OR SE, WHICHEVER IS GREATER

FAP 310
PROPOSED TYPICAL SUPERELEVATION SECTION

TABLE 1 (OFFSETS TO THE CLEAR ZONE)

STATION	DISTANCE FROM CL (m)	STATION	DISTANCE FROM CL (m)
CURVE P_ALN1MNL-2 - RIGHT SIDE			
30+908.196 PC	25.900	32+495.931 PT	25.900
30+920.000	26.362	32+480.000	26.524
30+940.000	27.146	32+460.000	27.507
30+960.000	27.929	32+440.000	28.090
30+974.573	28.500	32+429.533	28.500
CURVE P_ALN1MNL-3 - LEFT SIDE			
31+313.812 PT	28.500	31+663.007 PC	28.500
31+320.000	28.389	31+660.000	28.446
31+340.000	28.030	31+640.000	28.087
31+360.000	27.672	31+620.000	27.729
31+380.000	27.313	31+600.000	27.370
31+400.000	26.955	31+580.000	27.012
31+420.000	26.596	31+560.000	26.653
31+440.000	26.237	31+540.000	26.294
31+458.812	25.900	31+520.000	25.936
		31+518.007	25.900
CURVE P_ALN1MNL-4 - RIGHT SIDE			
32+709.312 PC	25.900	33+822.421 PC	25.900
32+720.000	26.319	33+840.000	26.934
32+740.000	27.102	33+860.000	28.111
32+760.000	27.885	33+880.000	29.287
32+775.709	28.500	33+893.821	30.100
CURVE P_ALN1MNL-5 - LEFT SIDE			
33+143.035 PT	28.500	34+146.898 PT	30.100
33+160.000	28.196	34+160.000	29.720
33+180.000	27.837	34+180.000	29.141
33+200.000	27.479	34+200.000	28.562
33+220.000	27.120	34+220.000	27.983
33+240.000	26.761	34+240.000	27.403
33+260.000	26.403	34+260.000	26.824
33+280.000	26.044	34+280.000	26.245
33+288.035	25.900	34+291.898	25.900

- CURVE P_ALN1MNL-2 (SE=5.2%)
STA 30+908.196 TO STA 31+370.862
- CURVE P_ALN1MNL-3 (SE=5.2%)
STA 31+605.957 TO STA 31+979.000
STA 32+105.000 TO STA 32+574.431
- CURVE P_ALN1MNL-4 (SE=5.2%)
STA 32+652.262 TO STA 33+000.000
STA 33+090.000 TO STA 33+200.085
- CURVE P_ALN1MNL-5 (SE=5.9%)
STA 33+965.000 TO STA 34+203.948

NOTE: FOR FURTHER INFORMATION REGARDING SE, SEE CURVE DATA ON PLAN SHEETS AND PAVEMENT ELEVATIONS ON SHEET NO. 24

FOR INFORMATION ONLY
LEGEND

- 1 AGGREGATE SHOULDER, TYPE B
- 2 BITUMINOUS SHOULDERS, 200mm
- 3 PROCESSING LIME MODIFIED SOILS 300mm
- 4 PIPE UNDERDRAIN, 100mm
- 5 BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE 425mm
- 6 BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE 400mm

FOR INFORMATION ONLY

STRUCTURAL DESIGN INFORMATION
FAP 310

ROAD CLASSIFICATION: CLASS 1

STRUCTURAL DESIGN TRAFFIC:
PV=17,940 SU=585 MU=975

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE
P=32% S=45% M=45%

MINIMUM SUBGRADE SUPPORT RATING: POOR

FLEXIBLE PAVEMENT DESIGN: MINIMUM $T_F = 7.11$

SELECTED DESIGN AC TYPE 20
AC THICKNESS 425mm
BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70, 375mm
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, STONE MATRIX ASPHALT, N80, 50mm

REVISIONS	
NAME	DATE

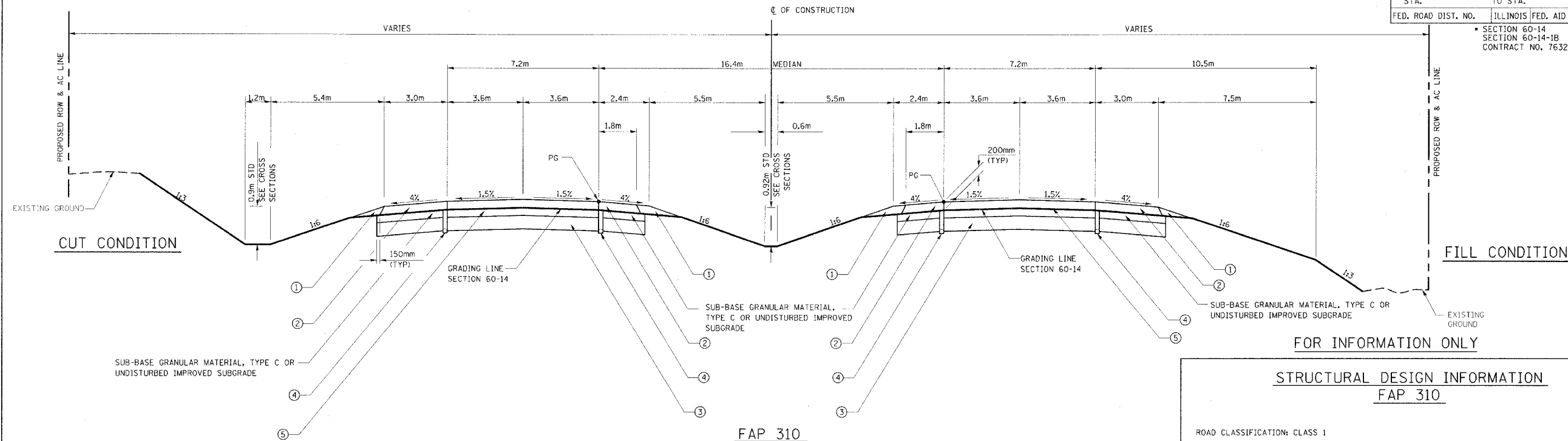
ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS

FAP ROUTE 310
FAP ROUTE 310 SECTION 60-14, 60-14-1B
MADISON COUNTY

DRAWN BY BANDY
CHECKED BY STEUART
DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	5
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

SECTION 60-14
SECTION 60-14-1B
CONTRACT NO. 76321



**FAP 310
PROPOSED TYPICAL TANGENT SECTION**

STA 31+370.862 TO STA 31+605.957
STA 32+574.431 TO STA 32+652.262
STA 33+200.085 TO STA 33+510.000
STA 34+203.948 TO STA 35+075.000

**STRUCTURAL DESIGN INFORMATION
FAP 310**

ROAD CLASSIFICATION: CLASS 1

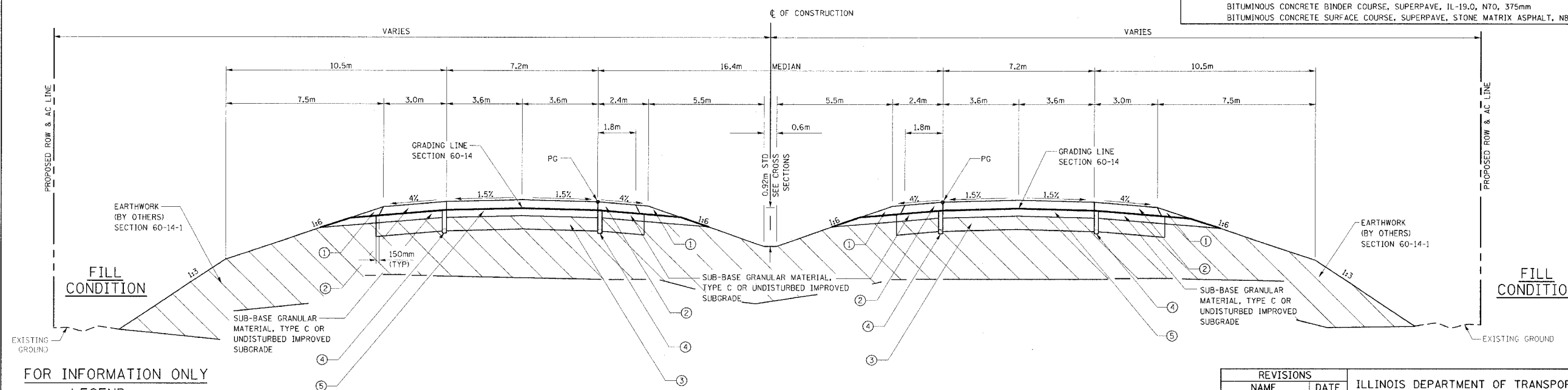
STRUCTURAL DESIGN TRAFFIC:
PV=17,940 SU=585 MU=975

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE
P=32% S=45% M=45%

MINIMUM SUBGRADE SUPPORT RATING: POOR

FLEXIBLE PAVEMENT DESIGN: MINIMUM $T_F = 7.11$

SELECTED DESIGN AC TYPE 20
AC THICKNESS 425mm
BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70, 375mm
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, STONE MATRIX ASPHALT, N80, 50mm



**FAP 310
PROPOSED TYPICAL TANGENT SECTION**

STA 34+375.001 TO STA 34+548.963

**FOR INFORMATION ONLY
LEGEND**

- ① AGGREGATE SHOULDER, TYPE B
- ② BITUMINOUS SHOULDERS, 200mm
- ③ PROCESSING LIME MODIFIED SOILS 300mm
- ④ PIPE UNDERDRAIN, 100mm
- ⑤ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE 425mm
- ⑥ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE 400mm

REVISIONS	
NAME	DATE

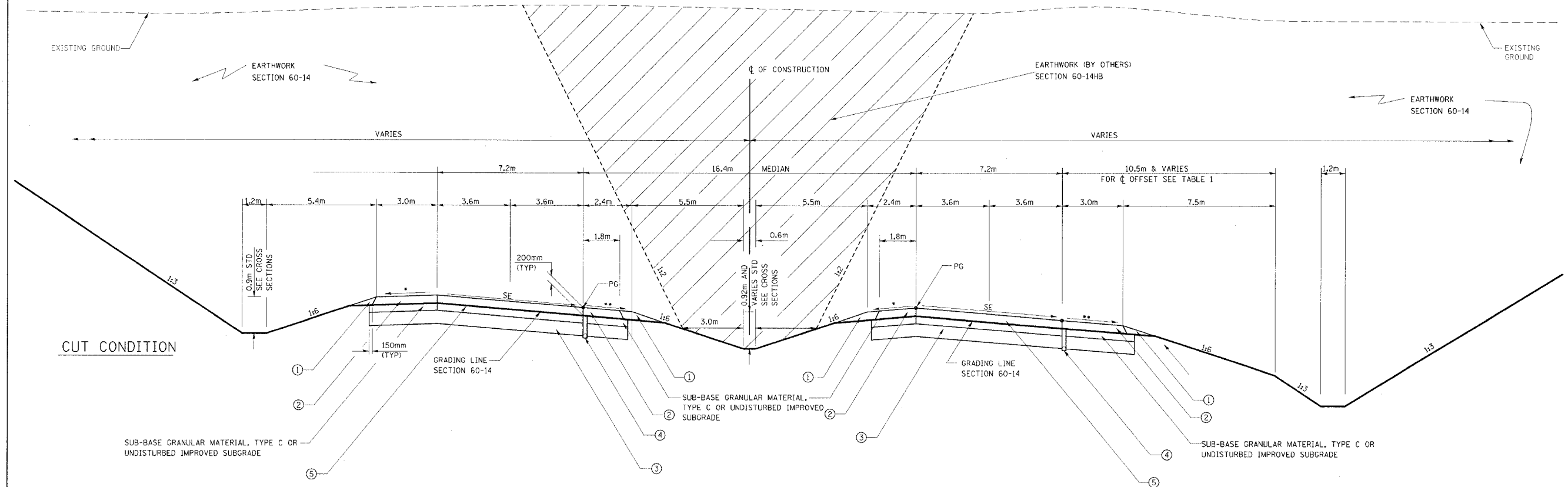
ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS

FAP ROUTE 310
FAP ROUTE 310 SECTION 60-14, 60-14-1B
MADISON COUNTY

DRAWN BY BANDY
CHECKED BY STEUART

DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	60-14	MADISON	452	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
SECTION 60-14		SECTION 60-14-1B		
CONTRACT NO. 76321				



•4% & VARIES, 8% MAXIMUM BREAKOVER
 **4% OR SE, WHICHEVER IS GREATER

FAP 310
PROPOSED TYPICAL SUPERELEVATION SECTION
CURVE P_ALN1MNL-4 (SE=5.2%)
 STA 31+979.000 TO STA 32+105.000

NOTE: FOR FURTHER INFORMATION REGARDING SE,
 SEE CURVE DATA ON PLAN SHEETS AND
 PAVEMENT ELEVATIONS ON SHEET NO. 24

FOR INFORMATION ONLY
LEGEND

- ① AGGREGATE SHOULDER, TYPE B
- ② BITUMINOUS SHOULDERS, 200mm
- ③ PROCESSING LIME MODIFIED SOILS 300mm
- ④ PIPE UNDERDRAIN, 100mm
- ⑤ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE 425mm
- ⑥ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE 400mm

FOR INFORMATION ONLY

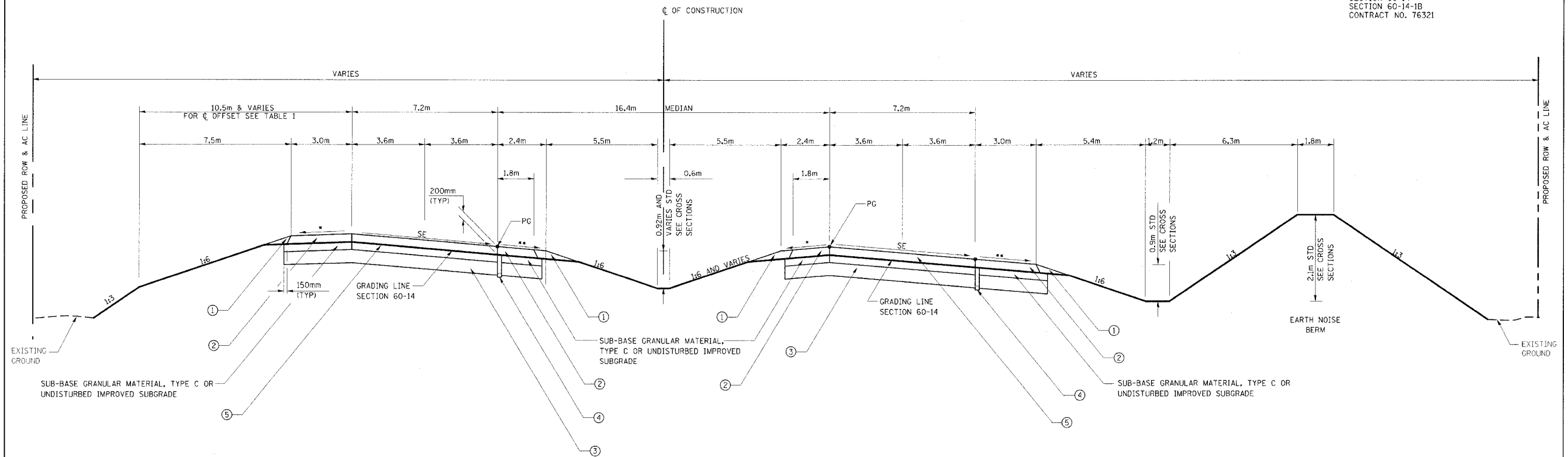
STRUCTURAL DESIGN INFORMATION
FAP 310

ROAD CLASSIFICATION: CLASS 1
 STRUCTURAL DESIGN TRAFFIC:
 PV=17,940 SU=585 MU=975
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE
 P=32% S=45% M=45%
 MINIMUM SUBGRADE SUPPORT RATING: POOR
 FLEXIBLE PAVEMENT DESIGN: MINIMUM $T_F = 7.11$
 SELECTED DESIGN AC TYPE 20
 AC THICKNESS 425mm
 BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70, 375mm
 BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, STONE MATRIX ASPHALT, N80, 50mm

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
 FAP ROUTE 310
 FAP ROUTE 310 SECTION 60-14, 60-14-1B
 MADISON COUNTY
 DRAWN BY BANDY
 CHECKED BY STEUART
 DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3103	•	MADISON	452	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321				



•4% & VARIES, 8% MAXIMUM BREAKOVER
 ••4% OR SE, WHICHEVER IS GREATER

FAP 310
 PROPOSED TYPICAL SUPERELEVATION SECTION

CURVE P_ALN1MNL-4
 STA 33+000.000 TO STA 33+090.000

CURVE P_ALN1MNL-5
 STA 33+765.371 TO STA 33+965.000

NOTE: FOR FURTHER INFORMATION REGARDING SE,
 SEE CURVE DATA ON PLAN SHEETS AND
 PAVEMENT ELEVATIONS ON SHEET NO. 24

FOR INFORMATION ONLY

STRUCTURAL DESIGN INFORMATION
 FAP 310

ROAD CLASSIFICATION: CLASS 1
 STRUCTURAL DESIGN TRAFFIC:
 PV=17,940 SU=585 MU=975
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE
 P=32% S=45% M=45%
 MINIMUM SUBGRADE SUPPORT RATING: POOR
 FLEXIBLE PAVEMENT DESIGN: MINIMUM $T_F = 7.11$
 SELECTED DESIGN AC TYPE 20
 AC THICKNESS 425mm
 BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70, 375mm
 BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, STONE MATRIX ASPHALT, N80, 50mm

FOR INFORMATION ONLY

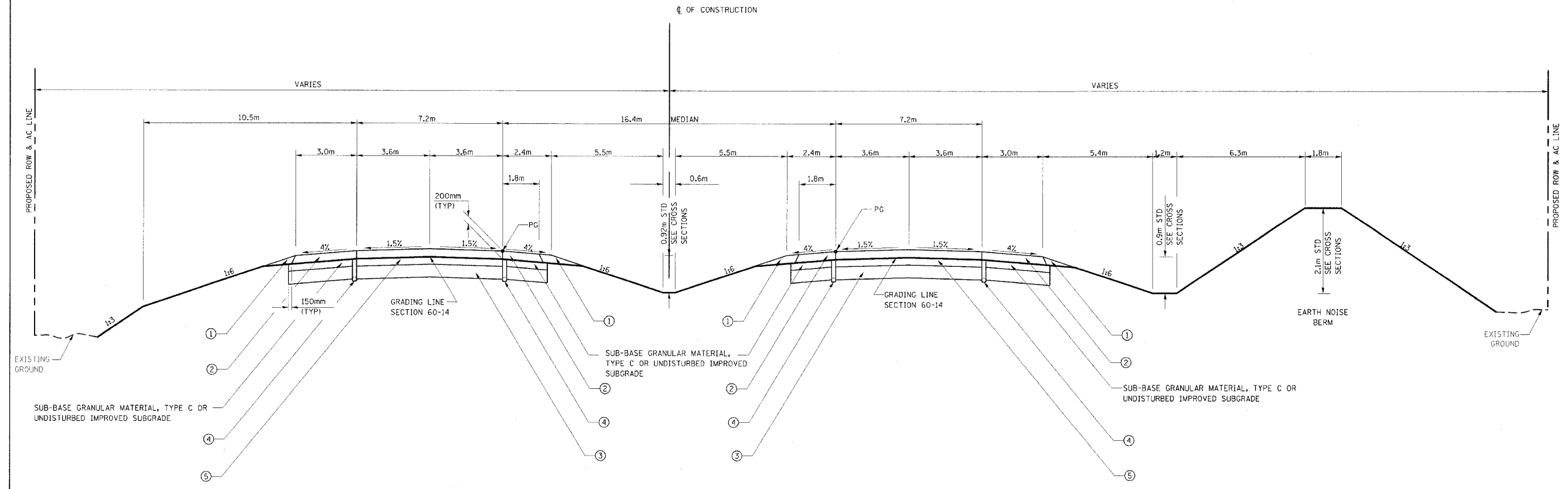
LEGEND

- ① AGGREGATE SHOULDER, TYPE B
- ② BITUMINOUS SHOULDERS, 200mm
- ③ PROCESSING LIME MODIFIED SOILS 300mm
- ④ PIPE UNDERDRAIN, 100mm
- ⑤ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE 425mm
- ⑥ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE 400mm

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TYPICAL SECTIONS
 FAP ROUTE 310
 FAP ROUTE 310 SECTION 60-14, 60-14-1B
 MADISON COUNTY
 DRAWN BY BANDY
 CHECKED BY STEUART
 DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	•	MADISON	452	8
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321				



FAP 310
PROPOSED TYPICAL TANGENT SECTION
 STA 33+510.000 TO STA 33+765.371

FOR INFORMATION ONLY
LEGEND

- ① AGGREGATE SHOULDER, TYPE B
- ② BITUMINOUS SHOULDERS, 200mm
- ③ PROCESSING LIVE MODIFIED SOILS 300mm
- ④ PIPE UNDERDRAIN, 100mm
- ⑤ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE 425mm
- ⑥ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE 400mm

FOR INFORMATION ONLY

STRUCTURAL DESIGN INFORMATION
FAP 310

ROAD CLASSIFICATION: CLASS 1

STRUCTURAL DESIGN TRAFFIC:
 PV=17,940 SU=585 MU=975

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE
 P=32% S=45% M=45%

MINIMUM SUBGRADE SUPPORT RATING: POOR

FLEXIBLE PAVEMENT DESIGN: MINIMUM $T_F = 7.11$

SELECTED DESIGN AC TYPE 20
 AC THICKNESS 425mm
 BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70, 375mm
 BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, STONE MATRIX ASPHALT, N80, 50mm

REVISIONS	
NAME	DATE

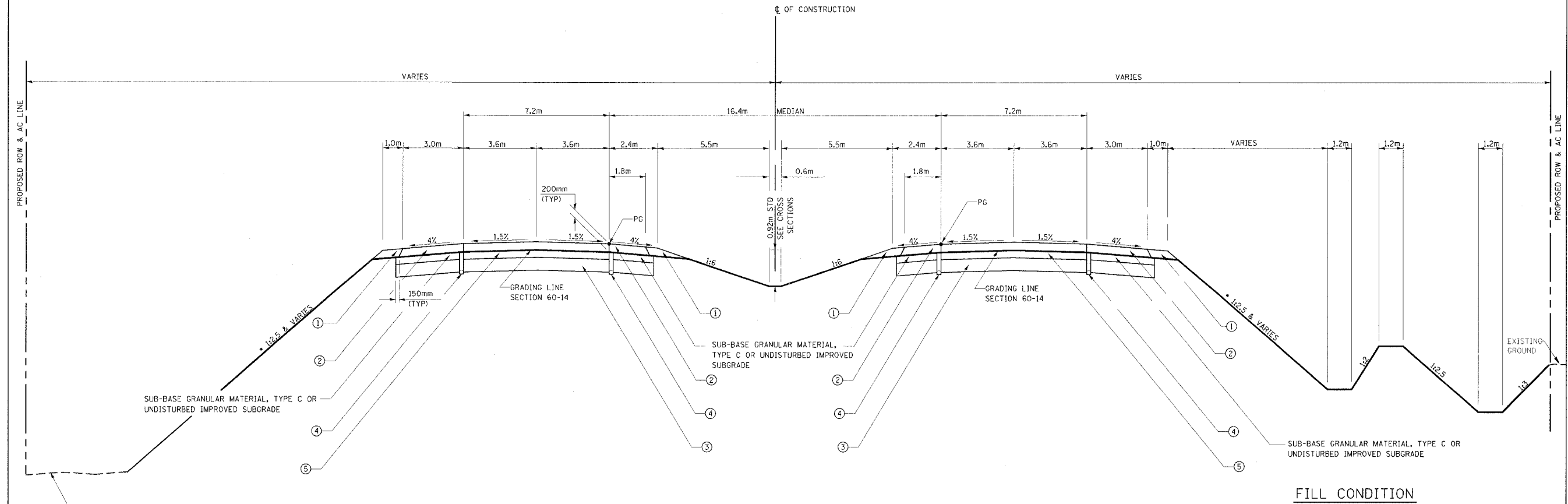
ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS

FAP ROUTE 310
 310 SECTION 60-14, 60-14-1B
 MADISON COUNTY

DRAWN BY BANDY
 CHECKED BY STEUART

DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	9
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
	SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321			



FAP 310
PROPOSED TYPICAL TANGENT SECTION
STA 35+075.000 TO STA 35+150.000

NOTE:
• SEE CROSS SECTIONS FOR ACTUAL SLOPE.

FOR INFORMATION ONLY

STRUCTURAL DESIGN INFORMATION
FAP 310

ROAD CLASSIFICATION: CLASS 1

STRUCTURAL DESIGN TRAFFIC:
PV=17,940 SU=585 MU=975

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE
P=32% S=45% M=45%

MINIMUM SUBGRADE SUPPORT RATING: POOR

FLEXIBLE PAVEMENT DESIGN: MINIMUM $T_F = 7.11$

SELECTED DESIGN AC TYPE 20
AC THICKNESS 425mm
BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70, 375mm
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, STONE MATRIX ASPHALT, N80, 50mm

FOR INFORMATION ONLY

LEGEND

- ① AGGREGATE SHOULDER, TYPE B
- ② BITUMINOUS SHOULDERS, 200mm
- ③ PROCESSING LIME MODIFIED SOILS 300mm
- ④ PIPE UNDERDRAIN, 100mm
- ⑤ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE 425mm
- ⑥ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE 400mm

REVISIONS	
NAME	DATE

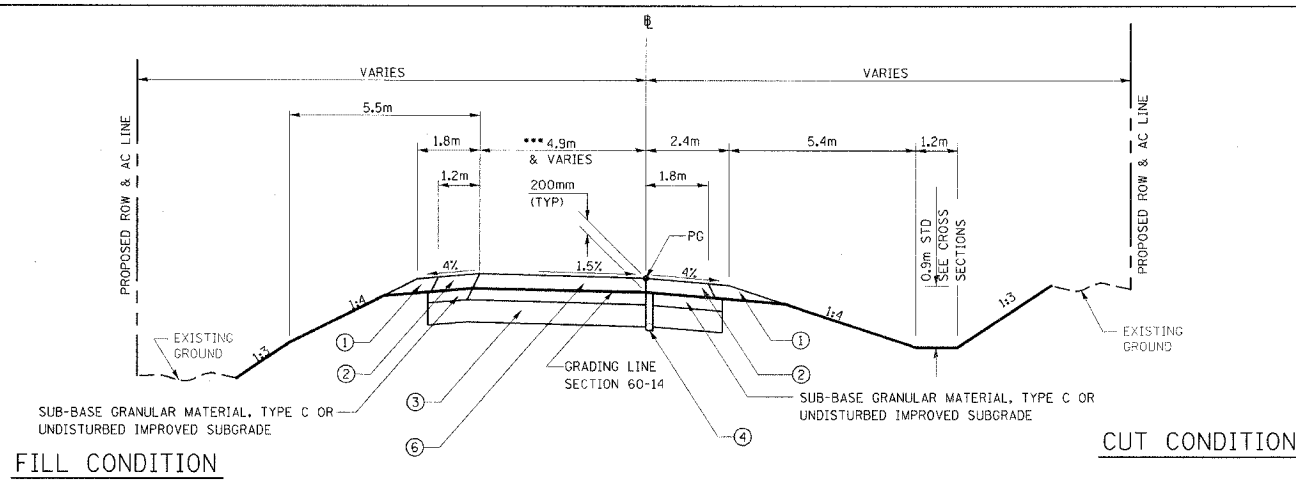
ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS

FAP ROUTE 310
FAP ROUTE 310 SECTION 60-14
MADISON COUNTY

DRAWN BY BANDY
CHECKED BY STEUART

DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	10
STA. TO STA.		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321		



FOR INFORMATION ONLY
LEGEND

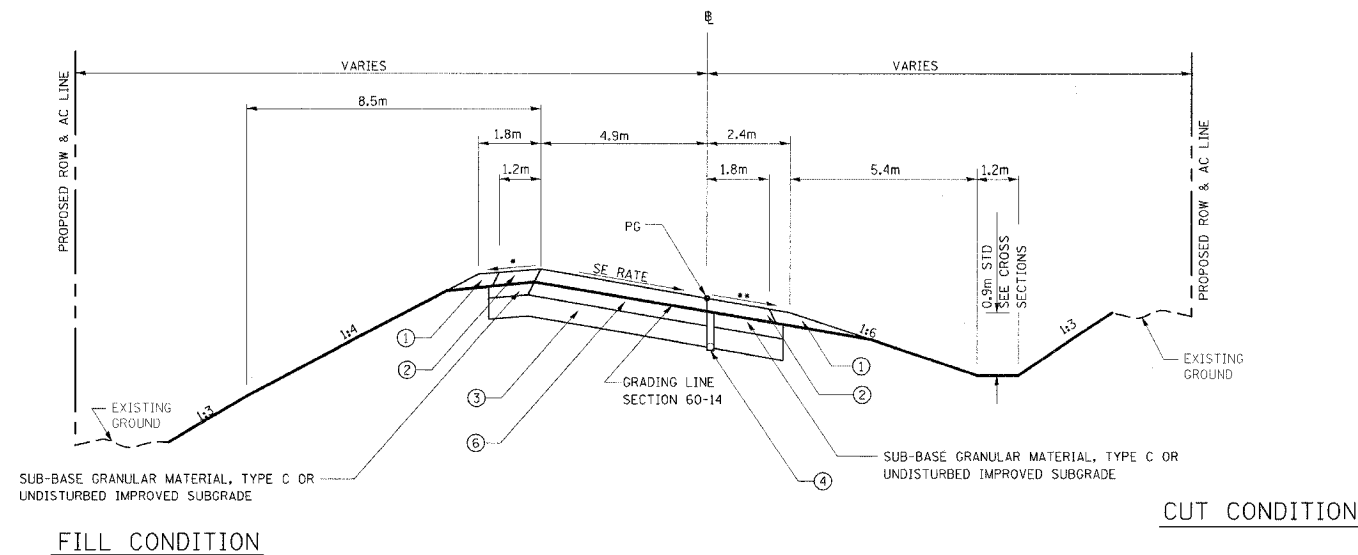
- ① AGGREGATE SHOULDER, TYPE B
- ② BITUMINOUS SHOULDERS, 200mm
- ③ PROCESSING LIME MODIFIED SOILS 300mm
- ④ PIPE UNDERDRAIN, 100mm
- ⑤ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE 425mm
- ⑥ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE 400mm

INTERCHANGE RAMPS
PROPOSED TYPICAL TANGENT SECTION

RAMP NO 1

STA 1+043.718 TO STA 1+276.131

*** RAMP 1 PAVEMENT WIDTH VARIES FROM 6.4m TO 4.9m



FOR INFORMATION ONLY

STRUCTURAL DESIGN INFORMATION
SEMINARY ROAD
INTERCHANGE RAMPS

ROAD CLASSIFICATION: CLASS 1

STRUCTURAL DESIGN TRAFFIC:
PV=5,225 SU=165 MU=110

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE
P=100% S=100% M=100%

MINIMUM SUBGRADE SUPPORT RATING: POOR

FLEXIBLE PAVEMENT DESIGN: MINIMUM $T_F = 7.90$

SELECTED DESIGN AC TYPE 20
AC THICKNESS 400mm
BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70, 350mm
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, STONE MATRIX ASPHALT, N80, 50mm

INTERCHANGE RAMPS
PROPOSED TYPICAL SUPERELEVATED SECTION

RAMP NO 1

STA 1+276.131 TO STA 1+356.131 SE TRANSITION
STA 1+356.131 TO STA 1+367.042 FULL SE
STA 1+367.042 TO STA 1+407.042 SE TRANSITION
STA 1+407.042 TO STA 1+449.527 SE TRANSITION
STA 1+449.527 TO STA 1+467.042 FULL SE
STA 1+467.042 TO STA 1+496.058 SE TRANSITION
STA 1+496.058 TO STA 1+752.511 FULL SE
STA 1+752.511 TO STA 1+757.042 SE TRANSITION

* 4% & VARIES, 8% MAXIMUM BREAKOVER
** 4% OR SE, WHICHEVER IS GREATER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS

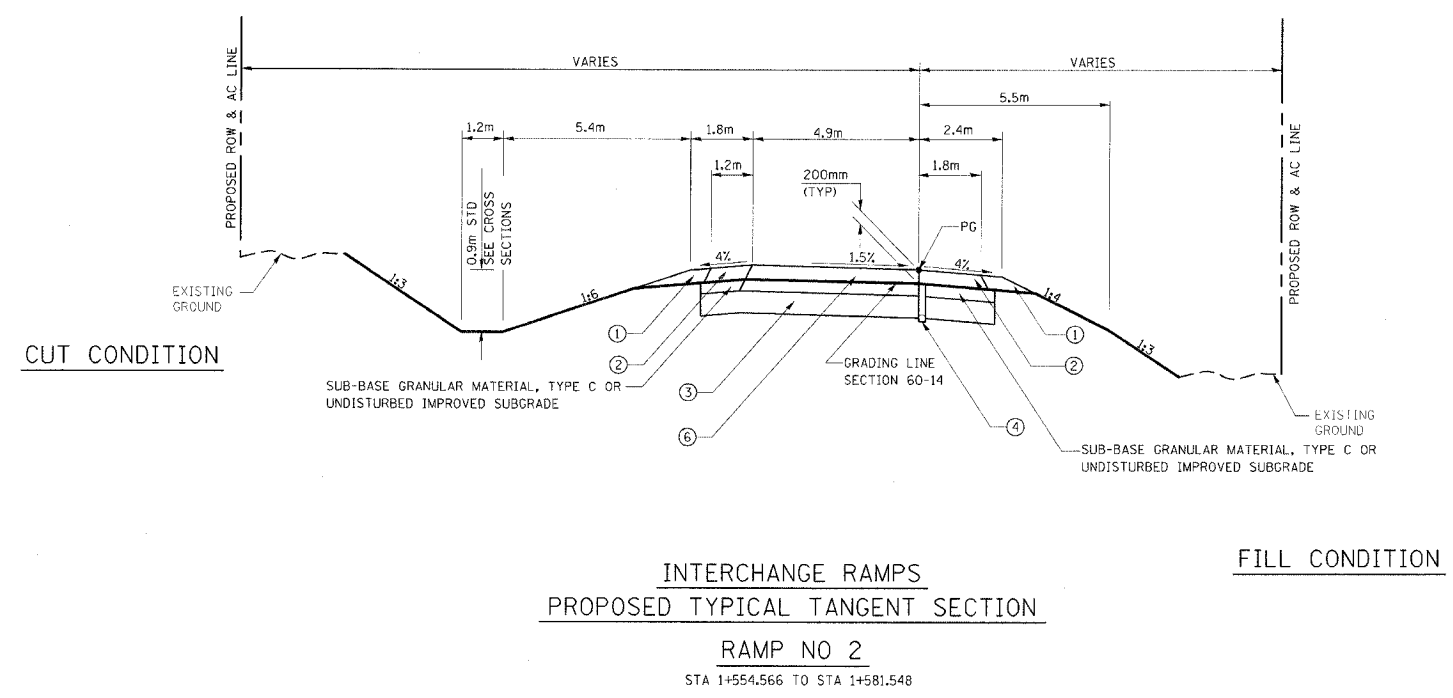
FAP ROUTE 310
FAP ROUTE 310 SECTION 60-14, 60-14-1B
MADISON COUNTY

DRAWN BY BANDY
CHECKED BY STEUART

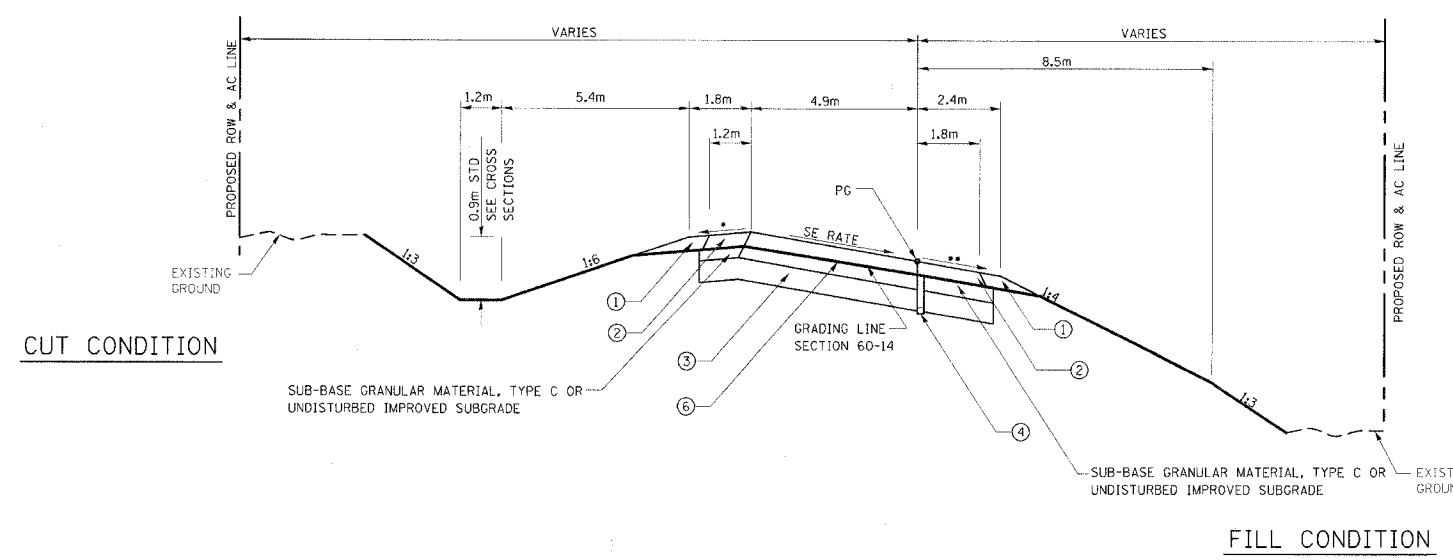
DATE

TYPICAL SECTIONS, RAMP NO 1, FAP ROUTE 310

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	•	MADISON	452	11
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
	• SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321			



- FOR INFORMATION ONLY
LEGEND
- ① AGGREGATE SHOULDER, TYPE B
 - ② BITUMINOUS SHOULDERS, 200mm
 - ③ PROCESSING LINE MODIFIED SOILS 300mm
 - ④ PIPE UNDERDRAIN, 100mm
 - ⑤ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE 425mm
 - ⑥ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE 400mm



FOR INFORMATION ONLY
STRUCTURAL DESIGN INFORMATION
SEMINARY ROAD
INTERCHANGE RAMPS

ROAD CLASSIFICATION: CLASS 1

STRUCTURAL DESIGN TRAFFIC:
PV=5,225 SU=165 MU=110

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE
P=100% S=100% M=100%

MINIMUM SUBGRADE SUPPORT RATING: POOR

FLEXIBLE PAVEMENT DESIGN: MINIMUM $T_F=7.90$

SELECTED DESIGN AC TYPE 20
AC THICKNESS 400mm
BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, NTO, 350mm
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, STONE MATRIX ASPHALT, N80, 50mm

* 4% & VARIES, 8% MAXIMUM BREAKOVER
** 4% OR SE, WHICHEVER IS GREATER

INTERCHANGE RAMPS
PROPOSED TYPICAL SUPERELEVATED SECTION
RAMP NO 2

CURVE RIGHT #1
STA 1+000.000 TO STA 1+269.221 SE TRANSITION
STA 1+269.221 TO STA 1+337.331 FULL SE
STA 1+337.331 TO STA 1+417.331 SE TRANSITION

CURVE LEFT #2
STA 1+417.331 TO STA 1+481.714 SE TRANSITION
STA 1+481.714 TO STA 1+489.566 FULL SE
STA 1+489.566 TO STA 1+554.566 SE TRANSITION

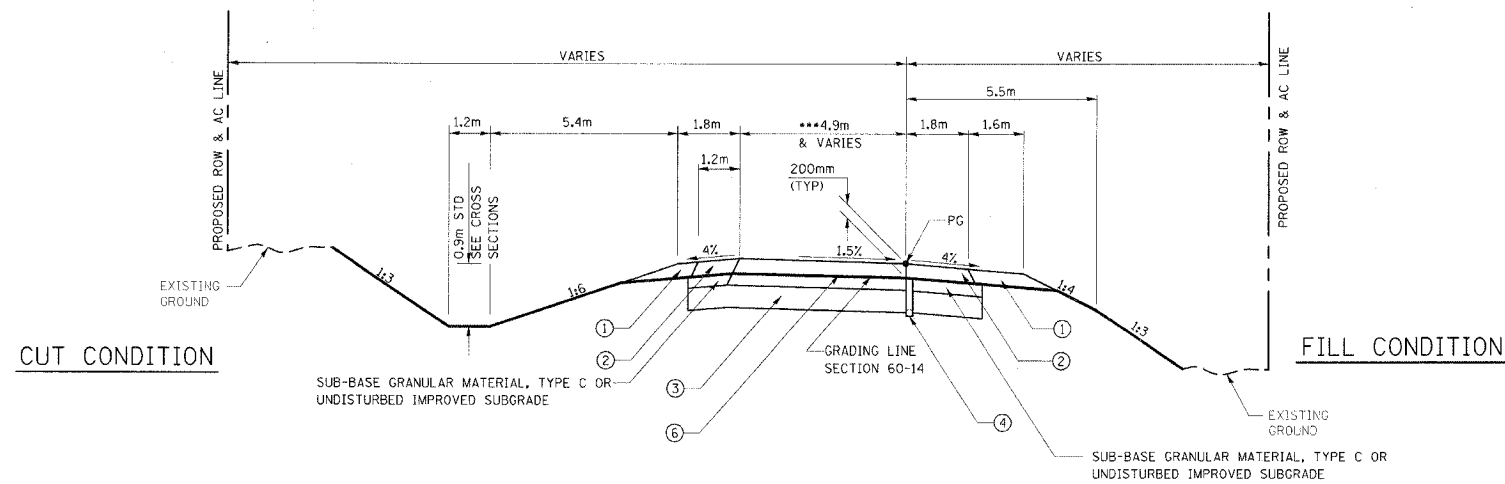
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS

FAP ROUTE 310
FAP ROUTE 310 SECTION 60-14, 60-14-1B
MADISON COUNTY

DRAWN BY BANDY
CHECKED BY STEUART
DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	•	MADISON	452	12
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
	SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321			



*** RAMP 3 PAVEMENT WIDTH VARIES FROM 6.4m TO 4.9m

**INTERCHANGE RAMPS
PROPOSED TYPICAL TANGENT SECTION**

RAMP NO 3

STA 1+049.251 TO STA 1+200.937
STA 1+400.515 TO STA 1+710.585

**FOR INFORMATION ONLY
LEGEND**

- ① AGGREGATE SHOULDER, TYPE B
- ② BITUMINOUS SHOULDERS, 200mm
- ③ PROCESSING LIME MODIFIED SOILS 300mm
- ④ PIPE UNDERDRAIN, 100mm
- ⑤ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE 425mm
- ⑥ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE 400mm

FOR INFORMATION ONLY

**STRUCTURAL DESIGN INFORMATION
SEMINARY ROAD
INTERCHANGE RAMPS**

ROAD CLASSIFICATION: CLASS 1

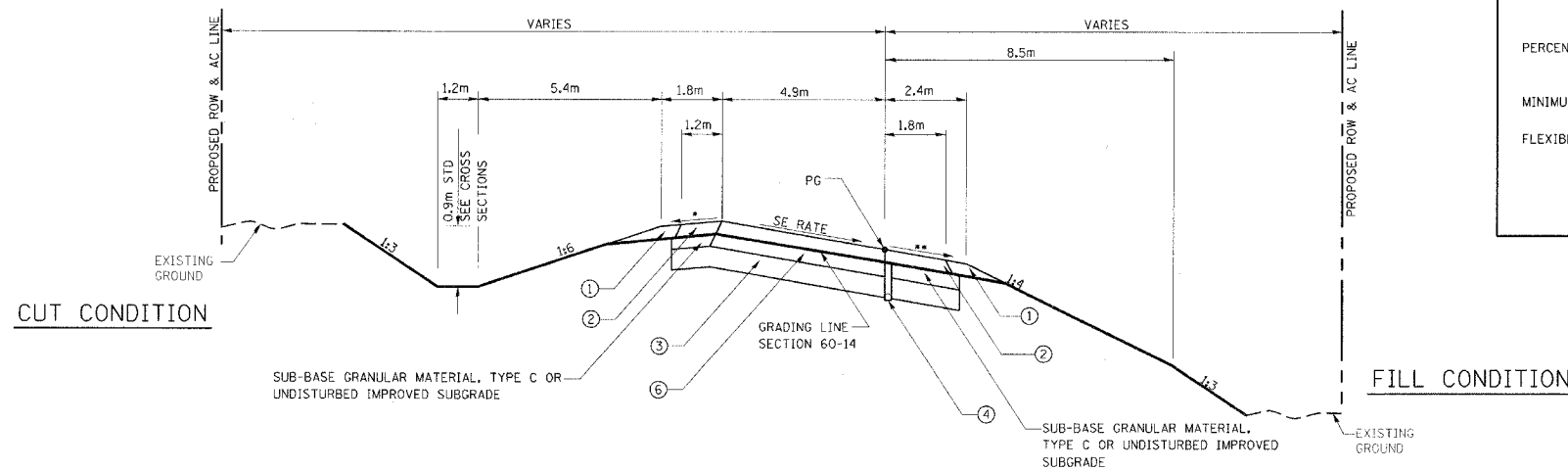
STRUCTURAL DESIGN TRAFFIC:
PV=5,225 SU=165 MU=110

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE
P=100% S=100% M=100%

MINIMUM SUBGRADE SUPPORT RATING: POOR

FLEXIBLE PAVEMENT DESIGN: MINIMUM $T_F=7.90$

SELECTED DESIGN AC TYPE 20
AC THICKNESS 400mm
BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70, 350mm
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, STONE MATRIX ASPHALT, N80, 50mm



* 4% & VARIES, 8% MAXIMUM BREAKOVER
** 4% OR SE, WHICHEVER IS GREATER

**INTERCHANGE RAMPS
PROPOSED TYPICAL SUPERELEVATED SECTION**

RAMP NO 3

STA 1+200.937 TO STA 1+280.937 SE TRANSITION
STA 1+280.937 TO STA 1+320.515 FULL SE
STA 1+320.515 TO STA 1+400.515 SE TRANSITION

REVISIONS	
NAME	DATE

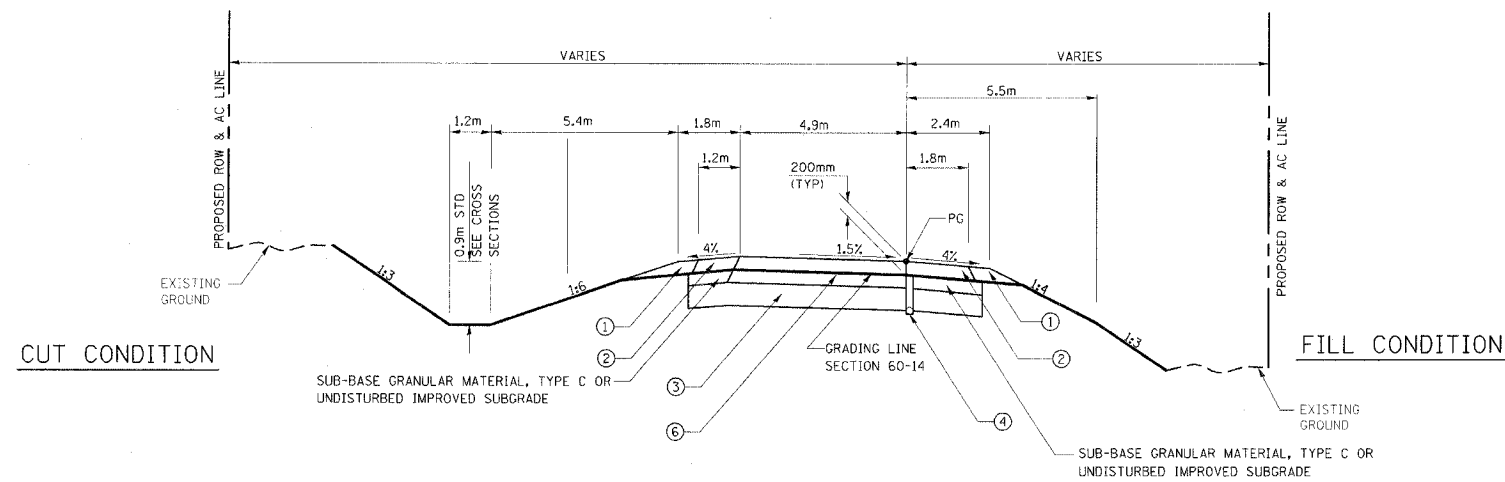
ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS

FAP ROUTE 310
FAP ROUTE 310 SECTION 60-14, 60-14-1B
MADISON COUNTY

DRAWN BY BANDY
CHECKED BY STEUART
DATE

TYPICAL SECTIONS, RAMP NO 3, FAP ROUTE 310

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	*	MADISON	452	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321				



INTERCHANGE RAMPS
PROPOSED TYPICAL TANGENT SECTION

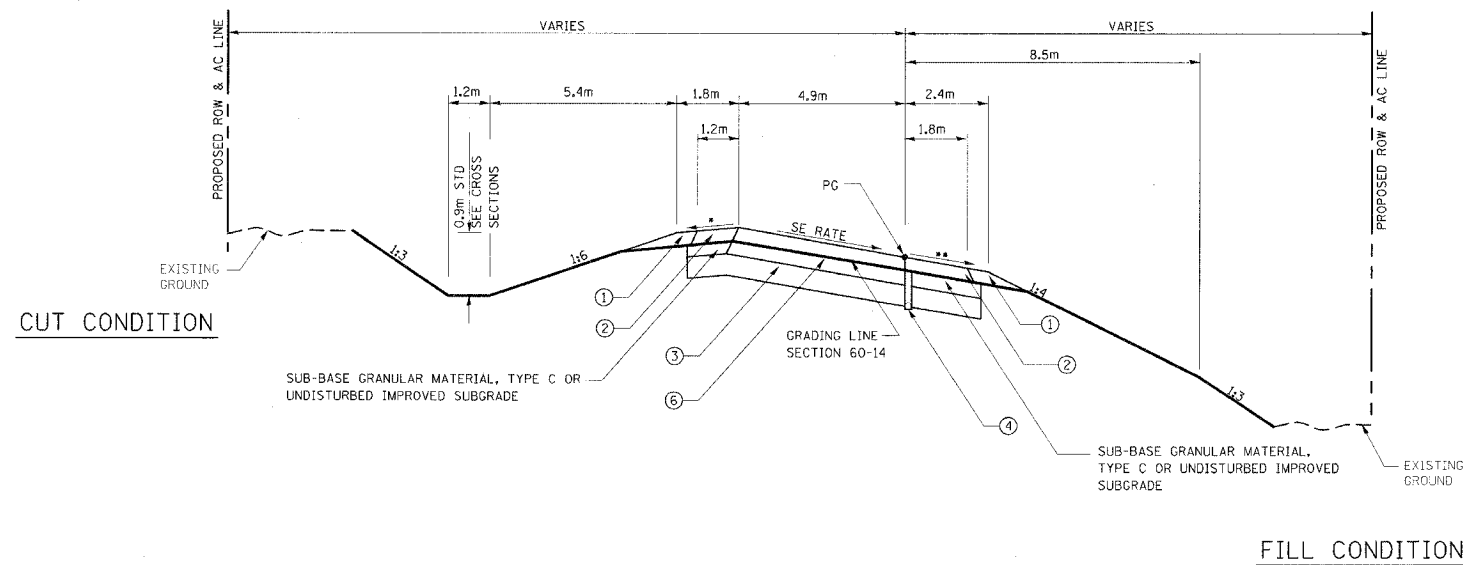
RAMP NO 4

STA 1+000.000 TO STA 1+189.877
STA 1+386.918 TO STA 1+490.798

FOR INFORMATION ONLY

LEGEND

- ① AGGREGATE SHOULDER, TYPE B
- ② BITUMINOUS SHOULDERS, 200mm
- ③ PROCESSING LIME MODIFIED SOILS 300mm
- ④ PIPE UNDERDRAIN, 100mm
- ⑤ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE 425mm
- ⑥ BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE 400mm



INTERCHANGE RAMPS
PROPOSED TYPICAL SUPERELEVATED SECTION

RAMP NO 4

STA 1+189.877 TO STA 1+269.877 SE TRANSITION
STA 1+269.877 TO STA 1+306.918 FULL SE
STA 1+306.918 TO STA 1+386.918 SE TRANSITION

FOR INFORMATION ONLY

STRUCTURAL DESIGN INFORMATION
SEMINARY ROAD
INTERCHANGE RAMPS

ROAD CLASSIFICATION: CLASS 1
STRUCTURAL DESIGN TRAFFIC: PV=5,225 SU=165 MU=110
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE P=100% S=100% M=100%
MINIMUM SUBGRADE SUPPORT RATING: POOR
FLEXIBLE PAVEMENT DESIGN: MINIMUM $T_F = 7.90$
SELECTED DESIGN AC TYPE 20 AC THICKNESS 400mm BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70, 350mm BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, STONE MATRIX ASPHALT, N80, 50mm

* 4% & VARIES, 8% MAXIMUM BREAKOVER
** 4% OR SE, WHICHEVER IS GREATER

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TYPICAL SECTIONS
NAME	DATE	
		FAP ROUTE 310 FAP ROUTE 310 SECTION 60-14, 60-14-1B MADISON COUNTY DRAWN BY BANDY CHECKED BY STEUART DATE

TYPICAL SECTIONS, RAMP NO 4, FAP ROUTE 310

TREE REMOVAL SCHEDULE - UNITS

LOCATION	OFFSET	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)
FAP ROUTE 310			
31+089.309	48.450 LT	10	
31+107.255	51.349 LT	8	
31+108.289	43.755 LT	10	
31+108.377	49.726 LT		24
31+111.260	49.468 LT		16
31+112.148	48.089 LT	8	
31+112.239	41.886 LT	10	
31+112.729	44.337 LT	8	
31+117.352	45.920 LT	10	
31+118.792	50.034 LT		40
31+119.452	48.519 LT		40
31+120.359	49.748 LT	8	
31+122.473	10.396 LT	10	
31+123.323	46.586 LT	10	
31+123.474	44.057 LT		18
31+124.369	43.841 LT	10	
31+125.573	4.808 RT	14	
31+125.611	2.048 RT	10	
31+126.768	49.770 LT		28
31+126.901	0.340 RT		16
31+127.157	8.414 RT	10	
31+127.838	41.219 LT	8	
31+127.890	8.879 RT	12	
31+128.162	5.966 RT		28
31+129.105	9.013 LT	8	
31+129.675	1.987 RT		19
31+129.863	5.290 RT	10	
31+129.903	20.132 RT	14	
31+130.834	10.987 LT	8	
31+132.525	23.429 LT	8	
31+132.674	5.300 LT	12	
31+133.081	5.576 RT	10	
31+133.122	14.357 RT	10	
31+133.130	32.874 LT	12	
31+133.195	12.699 LT		28
31+133.493	28.016 LT	10	
31+134.085	13.160 RT	14	
31+134.425	12.737 LT		28
31+135.641	21.728 LT	10	
31+135.999	6.682 LT		28
31+136.070	9.870 LT	14	
31+136.174	12.732 LT	12	
31+136.404	4.185 LT	12	
31+137.167	18.924 LT	10	
31+137.937	2.975 LT	8	
31+138.049	19.795 LT	8	
31+138.743	16.184 LT		20
31+139.029	17.880 LT	10	
31+139.804	0.310 RT	12	
31+140.376	3.576 RT		20
31+140.530	36.850 LT	12	
31+141.004	25.695 LT	12	
31+141.134	7.739 LT		26
31+141.483	40.411 LT	12	
31+141.774	26.574 LT		24
31+141.922	6.363 LT		18
31+142.506	34.138 LT	8	
31+142.732	35.350 LT	10	
31+143.373	8.553 LT	8	
31+145.093	6.510 LT		18
31+145.598	28.362 LT	10	
31+146.091	41.516 LT	8	
31+147.464	25.289 LT	8	
31+147.517	40.152 LT	8	
31+148.640	33.399 LT	12	
31+148.943	31.241 LT	10	
31+149.248	31.932 LT	12	
31+149.988	36.443 LT		16
31+151.211	32.253 LT		26
31+155.598	40.351 LT		24
31+158.721	37.973 LT	8	
34+245.036	35.837 LT		24
34+248.853	43.170 LT		44
34+258.581	26.761 LT		34
34+260.616	46.271 LT		28
34+261.874	24.267 LT		26
34+266.250	39.968 LT		22
34+267.941	31.069 LT		31
34+271.224	28.235 LT		22
34+273.553	16.620 LT		32
TOTAL		506	768

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION CU M	EARTH * EXCAVATION ADJUSTED FOR SHRINKAGE 25% CU M	EMBANKMENT * CU M	EARTHWORK * BALANCE WASTE(+) OR SHORTAGE (-) CU M	REMARKS
FAP ROUTE 310					
STA 30+908.196 TO STA 31+191.000	22577	18062	18062	0	
STA 31+191.000 TO STA 32+198.000	96700	77360	77360	0	
STA 32+198.000 TO STA 32+285.000	23983	19186	183	19003	PLACE EXCESS ECAVATION AS EMBANKMENT STA 32+496 TO STA 32+648
BRIDGE OMMISION - WEST FORK WOOD RIVER					
STA 32+496.000 TO STA 32+648.000	0	0	19003	-19003	OBTAIN 19003 CU M MATERIAL FROM STA 32+198 TO STA 32+285
STA 32+648.000 TO STA 32+912.000	32475	25980	25980	0	
STA 32+912.000 TO STA 34+545.000 (INCLUDES RAMPS 1 & 2)	148853	119082	136476	-17394	OBTAIN 17394 CU M MATERIAL FROM STA 34+584 TO STA 35+210 AND RAMPS
BRIDGE OMMISION - SEMINARY ROAD					
STA 34+584.000 TO STA 35+210.000 (INCLUDES RAMPS 3 & 4)	103221	82577	55059	27518	PLACE 20394 CU M EXCESS EXCAVATION AS EMBANKMENT STA 32+912 TO STA 34+545, FOR ADDITIONAL FILL ON SEMINARY RD AND AS DITCH CHECKS. 7124 CU M EXCESS MATERIAL TO BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
MISCELLANEOUS DITCHES	1080	870	235	635	EXCESS MATERIAL TO BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
ADDITIONAL FILL ON SEMINARY	0	0	760	-760	OBTAIN 760 CU M FROM STA 34+584 TO STA 35+210 AND RAMPS
DITCH CHECKS	0	0	2240	-2240	OBTAIN 2240 CU M MATERIAL FROM STA 34+584 TO STA 35+210
SUBTOTAL	428889	343117	335358	7759	
TOTAL	428890	343120	335360	7760	

* NOT MEASURED FOR PAYMENT

TREE REMOVAL SCHEDULE - HECTARES

LOCATION	STATION	STATION	TREE REMOVAL HA	NUMBER * OF TREES 6-15 UNITS	NUMBER * OF TREES OVER 15 UNITS
FAP ROUTE 310					
	31+200	31+400	2.5	576	61
	31+600	31+785	2.0	323	62
	32+525	32+600	0.6	65	10
	32+840	33+385	5.5	196	56
	33+700	33+795	0.8	102	25
	34+285	34+515	0.9	213	35
	34+970	35+210	3.3	552	88
TOTAL			15.6	2027	337

* FOR INFORMATION ONLY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	60-14	MADISON	452	14
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321				

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES
 FAP ROUTE 310
 FAP ROUTE 310 SECTION 60-14, 60-14-1B
 MADISON COUNTY
 DRAWN BY BANDY
 CHECKED BY STEUART
 DATE

SCHEDULE OF QUANTITIES, FAP ROUTE 310

I:\projects\2008\76321\76321.dwg 08/17/2008 08:12:19 AM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	60-14	MADISON	452	15
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321				

FENCE SCHEDULE

LOCATION	STATION	STATION	SIDE	WOVEN WIRE FENCE 1.2 METER
FAP ROUTE 310				
	30+908.196	31+975.545	RT	1078
	31+975.545	31+978.517	RT	14
	31+990.155	31+991.678	RT	13
	31+991.678	32+284.343	RT	284
	32+284.023	32+284.343	RT	25
	32+495.989	32+500.000	RT	16
	32+500.000	32+809.148	RT	313
	32+809.148	32+815.142	RT	7
	32+828.126	32+833.429	RT	10
	32+833.429	34+526.747	RT	1776
	34+620.333	35+034.873	RT	434
	30+908.196	31+981.361	LT	1100
	31+981.361	31+982.373	LT	17
	31+993.146	31+995.892	LT	17
	31+995.892	32+284.282	LT	306
	32+284.023	32+284.282	LT	22
	32+495.978	32+500.000	LT	18
	32+500.000	32+774.290	LT	272
	32+774.290	32+793.764	LT	20
	32+807.989	34+547.555	LT	1757
	34+620.608	35+035.498	LT	435
TOTAL				7935

GATE SCHEDULE

LOCATION	STATION	SIDE	WOVEN WIRE GATES 1.2M X 4.9 M DOUBLE
FAP ROUTE 310			
	32+284.343	RT	1
	32+284.282	LT	1
	32+500.000	RT	1
	32+500.000	LT	1
TOTAL			4

RE-ERECTING
RIGHT-OF-WAY MARKERS SCHEDULE

LOCATION	STATION	SIDE	OFFSET	RE-ERECTING RIGHT-OF-WAY MARKERS
FAP ROUTE 310				
	30+807.224	LT	57.933	1
	30+908.302	LT	57.938	1
	30+810.926	RT	42.649	1
	30+822.424	RT	63.012	1
	30+857.004	RT	42.648	1
	30+908.295	RT	42.646	1
TOTAL				6

FURNISHING AND ERECTING
RIGHT-OF-WAY MARKERS SCHEDULE

LOCATION	STATION	SIDE	OFFSET	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS
FAP ROUTE 310				
	30+908.303	LT	64.034	1
	31+077.002	LT	64.022	1
	31+224.005	LT	98.899	1
	31+229.602	LT	64.008	1
	31+313.812	LT	64.008	1
	31+350.000	LT	44.196	1
	31+595.016	LT	44.196	1
	31+625.227	LT	51.816	1
	31+663.007	LT	51.816	1
	33+148.337	LT	35.052	1
	33+822.421	LT	35.052	1
	35+035.497	LT	51.816	1
	30+908.295	RT	45.694	1
	31+210.106	RT	45.717	1
	31+246.451	RT	59.436	1
	31+313.812	RT	59.436	1
	31+350.000	RT	47.244	1
	31+663.007	RT	47.244	1
	32+089.836	RT	47.244	1
	32+123.727	RT	65.532	1
	32+603.865	RT	36.576	2
	32+637.711	RT	79.671	1
	32+710.825	RT	36.576	1
	32+896.967	RT	84.314	1
	32+985.470	RT	91.336	1
	33+020.568	RT	117.910	1
	33+080.838	RT	69.612	1
	33+118.416	RT	47.244	1
	33+143.035	RT	47.244	1
	33+822.421	RT	47.244	1
	35+111.073	RT	64.008	1
RAMP 1				
	1+199.682	RT	24.384	1
	1+228.759	RT	33.528	1
	1+300.387	RT	33.528	1
	1+325.000	RT	15.240	1
	1+402.358	RT	15.240	1
	1+478.179	RT	13.815	1
RAMP 2				
	1+150.706	RT	23.199	1
	1+151.843	RT	36.440	1
	1+214.238	RT	32.349	1
	1+310.341	RT	21.177	1
	1+337.006	RT	22.988	1
	1+363.731	RT	24.384	1
	1+460.264	RT	24.384	1
	1+491.165	RT	24.384	1
	1+522.066	RT	24.384	1
RAMP 3				
	1+245.045	RT	30.480	1
	1+280.723	RT	32.799	1
	1+317.957	RT	37.619	1
	1+360.515	RT	41.316	1
RAMP 4				
	1+241.783	RT	22.992	1
	1+279.182	RT	22.418	1
	1+316.819	RT	23.854	1
	1+333.318	RT	24.384	1
TOTAL				55

RIPRAP SCHEDULE

LOCATION	STATION	STATION	SIDE	STONE RIPRAP CLASS A3	STONE RIPRAP CLASS A4	FILTER FABRIC FOR USE WITH RIPRAP
FAP ROUTE 310						
	30+888.168	30+936.614	LT	220		124
	30+936.614	30+954.167	LT		124	
	30+943.023		RT		68	68
	30+954.167	30+985.000	LT	141		
	31+098.765	31+155.559	RT		270	270
	31+155.559	31+185.063	RT	144		
	31+157.905		LT		45	45
	31+282.000		LT/RT		1703	1703
	31+327.056	31+364.400	LT	173		
	31+644.736		LT		36	36
	31+664.732	31+735.000	LT		342	342
	31+760.000		RT		965	965
	32+813.468	33+860.285	LT	210		
	32+846.968	32+876.182	RT		232	232
	32+876.182	32+910.147	RT	165		
	32+969.800	33+026.067	RT	190	385	385
	33+082.920	33+096.935	RT		98	98
	33+096.935	33+103.557	RT	27		
	33+425.000		LT		25	25
	33+812.216	33+860.000	LT	213	33	33
	34+965.000	34+981.680	RT	90		
	34+981.680	35+026.685	RT		232	232
	35+124.610	35+225.115	RT		517	517
RAMP 1						
	1+015.000	1+064.312	RT	224		
	1+109.162		RT		82	82
	1+215.000	1+258.916	RT		252	252
	1+285.000	1+330.599	RT		215	215
	1+330.599	1+350.439	RT	85		
RAMP 2						
	1+414.546	1+426.265	RT	56		
	1+420.964	1+465.610	LT		274	274
	1+426.265	1+480.352	RT		248	248
TOTAL				1938	6146	6146

SEEDING CLASS 7 SCHEDULE

LOCATION	STATION TO STATION	SEEDING CLASS 7	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH METHOD 2
		HA	KG	KG	KG	M TON
MAINLINE						
	30+908.196 TO 32+275.000	0.2	20	20	20	0.9
	30+908.196 TO 32+275.000	0.2	20	20	20	0.9
	32+495.838 TO 35+150.000	0.5	50	50	50	2.3
	32+495.838 TO 35+150.000	0.5	50	50	50	2.3
RAMP 1	1+043.718 TO 1+350.590	0.1	10	10	10	0.5
RAMP 2	1+275.699 TO 1+562.066	0.1	10	10	10	0.5
RAMP 3	1+308.621 TO 1+490.797	0.1	10	10	10	0.5
RAMP 4	1+049.251 TO 1+245.709	0.1	10	10	10	0.5
TOTAL		1.8	180 *	180 *	180 *	8.4 *

* NOT A TOTAL QUANTITY

SEEDING CLASS 2 SCHEDULE

LOCATION	STATION TO STATION	SEEDING CLASS 2	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH METHOD 2
		HA	KG	KG	KG	M TON
MAINLINE						
	30+875.000 TO 31+986.000	7.5	750	750	750	25.2
	31+986.000 TO 32+275.000	2.0	200	200	200	6.8
	32+495.000 TO 32+810.000	1.3	130	130	130	4.5
	32+810.000 TO 34+225.000	7.7	770	770	770	22.5
	34+225.000 TO 34+548.000	1.7	170	170	170	7.2
	34+600.000 TO 34+775.000	0.9	90	90	90	3.3
	34+775.000 TO 35+200.000	2.1	210	210	210	5.0
RAMP 1	1+043.000 TO 1+491.000	1.3	130	130	130	3.3
RAMP 2	1+092.000 TO 1+568.000	1.0	100	100	100	3.3
RAMP 3	1+049.000 TO 1+451.000	1.6	160	160	160	4.5
RAMP 4	1+090.000 TO 1+491.000	1.0	100	100	100	3.3
TOTAL		28.1	2810 *	2810 *	2810 *	88.9 *

* NOT A TOTAL QUANTITY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES

FAP ROUTE 310
FAP ROUTE 310 SECTION 60-14, 60-14-1B
MADISON COUNTY

DRAWN BY BANDY
CHECKED BY STEUART

DATE

SCHEDULE OF QUANTITIES, FAP ROUTE 310

11/17/2006 10:57:00 AM
 11/17/2006 10:57:00 AM
 11/17/2006 10:57:00 AM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	60-14	MADISON	452	16
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321				

DRAINAGE SCHEDULE

LOCATION	INLET BOX, STANDARD 542511	MEDIAN INLET (604101)	MEDIAN INLET (604106)	RC PIPE TEE 600MM PIPE WITH 600MM RISER	RC PIPE TEE 750MM PIPE WITH 600MM RISER	RC PIPE TEE 900MM PIPE WITH 600MM RISER	RC PIPE TEE 900MM PIPE WITH 900MM RISER	END SECTIONS 600MM	END SECTIONS 900MM	METAL END SECTIONS 600MM	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 750MM	PIPE CULVERTS, CLASS A, TYPE 1 600MM	PIPE CULVERTS, CLASS A, TYPE 1 900MM	PIPE CULVERTS, CLASS A, TYPE 2 600MM	PIPE CULVERTS, CLASS A, TYPE 2 750MM	PIPE CULVERTS, CLASS A, TYPE 2 900MM	PIPE DRAINS 600MM	CONCRETE THRUST BLOCKS	CONCRETE COLLAR SPECIAL	CONCRETE ANCHORS
	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	METER	METER	METER	METER	METER	METER	EACH	EACH	EACH
FAP ROUTE 310																				
STA 30+910.000			1				1		1				22							
STA 30+946.147		1				1			2						53					
STA 31+035.000	1							1				18.5								
STA 31+137.000			1				1		1						29.5					
STA 31+250.000		1		1						1				24			12	1	1	1
STA 31+350.000	1							1						17						
STA 31+500.000	1							1						17.5						
STA 31+636.000		1		1						1					23		12.5	1	1	1
STA 31+850.000		1		1						1					27					
STA 31+950.000	1							1						17.5						
STA 32+142.000		1		1						1					22.5		8	1	1	
STA 32+262.000	1							1						18.5						
STA 32+625.000			1				1		1						23.5					
STA 32+838.390		1			1						2					57				
STA 32+935.000	1							1						17.5						
STA 33+050.000		1		1						1				20			11.5	1	1	1
STA 33+200.000	1							1						17.5						
STA 33+350.000	1							1						18.5						
STA 33+500.000	1							1						18.5						
STA 33+650.000	1							1						17.5						
STA 33+800.000	1							1						17						
STA 33+831.464									2											
STA 33+950.000			1				1		1					70.5						
STA 34+100.000	1							1						27						
STA 34+245.000			1				1		1					31.5						
STA 34+375.000		1		1				1		1					34					
STA 34+725.000			1				1		1					21.5		16	1	1	2	
STA 34+875.000	1						1		1					24						
STA 35+025.000	1									1				21			35	1	1	6
STA 35+135.000		1		1						1					20		31.5	1	1	4
TOTAL	14	9	6	7	1	1	6	14	10	7	2	292	22	138	57	262	126.5	7	7	15

CONCRETE BOX CULVERT SCHEDULE

LOCATION	SIZE	REINFORCEMENT BARS KG	CONCRETE BOX CULVERTS CU M
FAP ROUTE 310			
31+136.677	1.1m X 0.9m	5064	61.4
31+282.000	DOUBLE		
	3.6m X 1.8m	119976	875.9
31+633.788	0.9m X 0.9m	5470	54.0
31+723.901	0.9m X 0.6m	7290	67.5
32+585.225	3.0m X 1.5m	15240	131.5
33+056.675	2.4m X 1.2m	27870	187.5
33+449.968	0.9m X 0.6m	3600	41.2
RAMP 1			
1+110.790	1.5m X 0.9m	2590	28.0
RAMP 2			
1+448.472	1.5m X 0.9m	8980	66.2
TOTAL		196080	1513.2

SEPTIC TANK REMOVAL SCHEDULE

LOCATION	STATION	O/S	REMOVING EXISTING SEPTIC TANKS EACH
FAP ROUTE 310			
	32+845.796	61,008 LT	1
TOTAL			1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES
 FAP ROUTE 310
 FAP ROUTE 310 SECTION 60-14, 60-14-1B
 MADISON COUNTY
 DATE _____ DRAWN BY BANDY
 CHECKED BY STEUART

C:\p1\p10000\10000.dwg 05/17/2006 09:45:59 AM

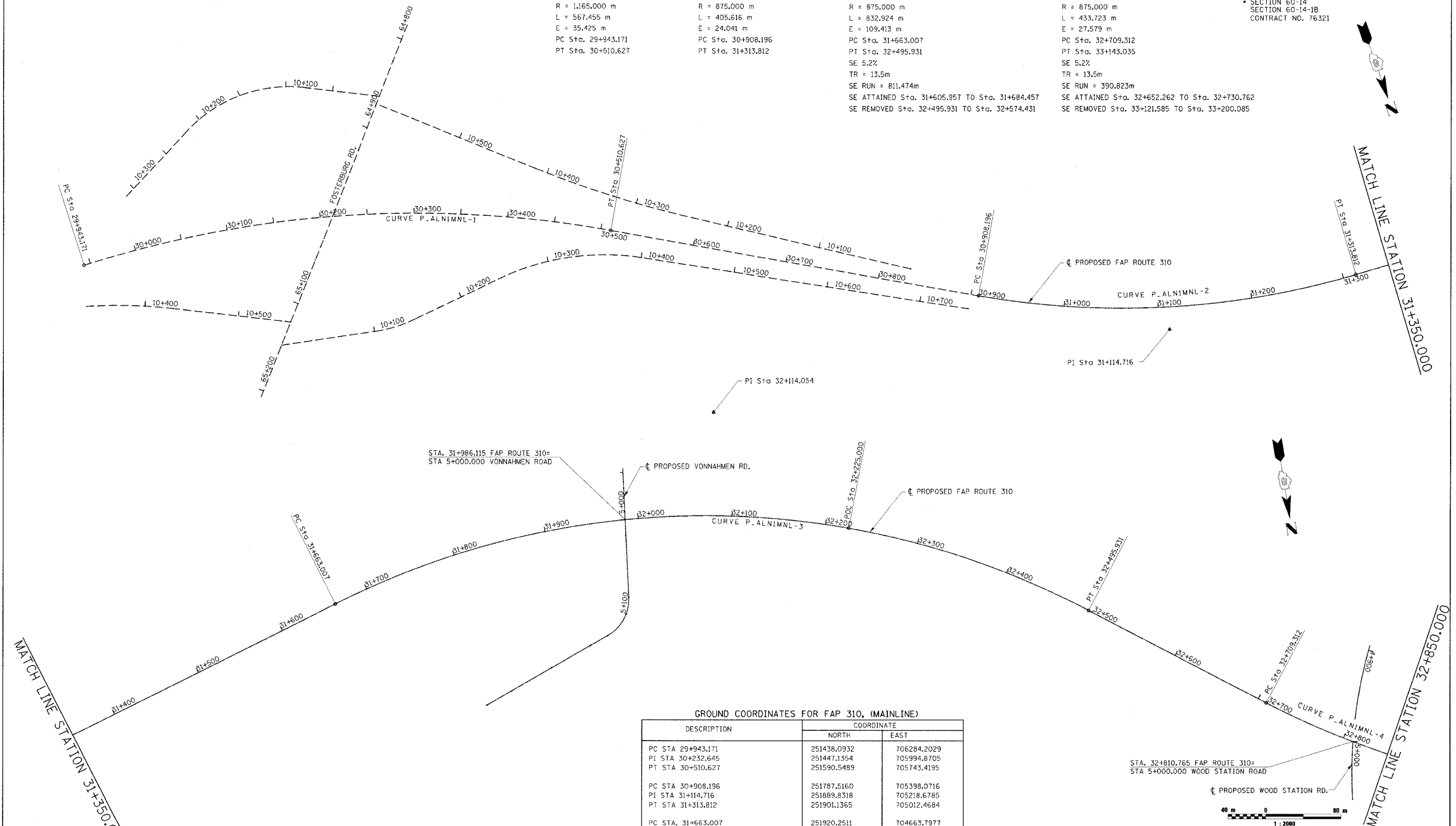
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	17
STA. 29+943.171		TO STA. 32+850.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SECTION 60-14		SECTION 60-14-1B		
CONTRACT NO. 76321				

Prop. Curve P_ALNIMNL-1
 PI Sta. 30+232.645
 $\Delta = 27^\circ 54' 29''$ (RT)
 T = 289.474 m
 R = 1,165.000 m
 L = 567.455 m
 E = 35.425 m
 PC Sta. 29+943.171
 PT Sta. 30+510.627

Prop. Curve P_ALNIMNL-2
 PI Sta. 31+114.716
 $\Delta = 26^\circ 33' 36''$ (LT)
 T = 206.520 m
 R = 875.000 m
 L = 405.616 m
 E = 24.041 m
 PC Sta. 30+908.196
 PT Sta. 31+313.812

Prop. Curve P_ALNIMNL-3
 PI Sta. 32+114.054
 $\Delta = 54^\circ 32' 26''$ (RT)
 T = 451.047 m
 R = 875.000 m
 L = 832.924 m
 E = 109.413 m
 PC Sta. 31+663.007
 PT Sta. 32+495.931
 SE 5.2%
 TR = 13.5m
 SE RUN = 811.474m
 SE ATTAINED Sta. 31+605.957 TO Sta. 31+684.457
 SE REMOVED Sta. 32+495.931 TO Sta. 32+574.431

Prop. Curve P_ALNIMNL-4
 PI Sta. 32+930.726
 $\Delta = 28^\circ 24' 02.2''$ (LT)
 T = 221.414 m
 R = 875.000 m
 L = 433.723 m
 E = 27.579 m
 PC Sta. 32+709.312
 PT Sta. 33+143.035
 SE 5.2%
 TR = 13.5m
 SE RUN = 390.823m
 SE ATTAINED Sta. 32+652.262 TO Sta. 32+730.762
 SE REMOVED Sta. 33+121.585 TO Sta. 33+200.085



GROUND COORDINATES FOR FAP 310, (MAINLINE)

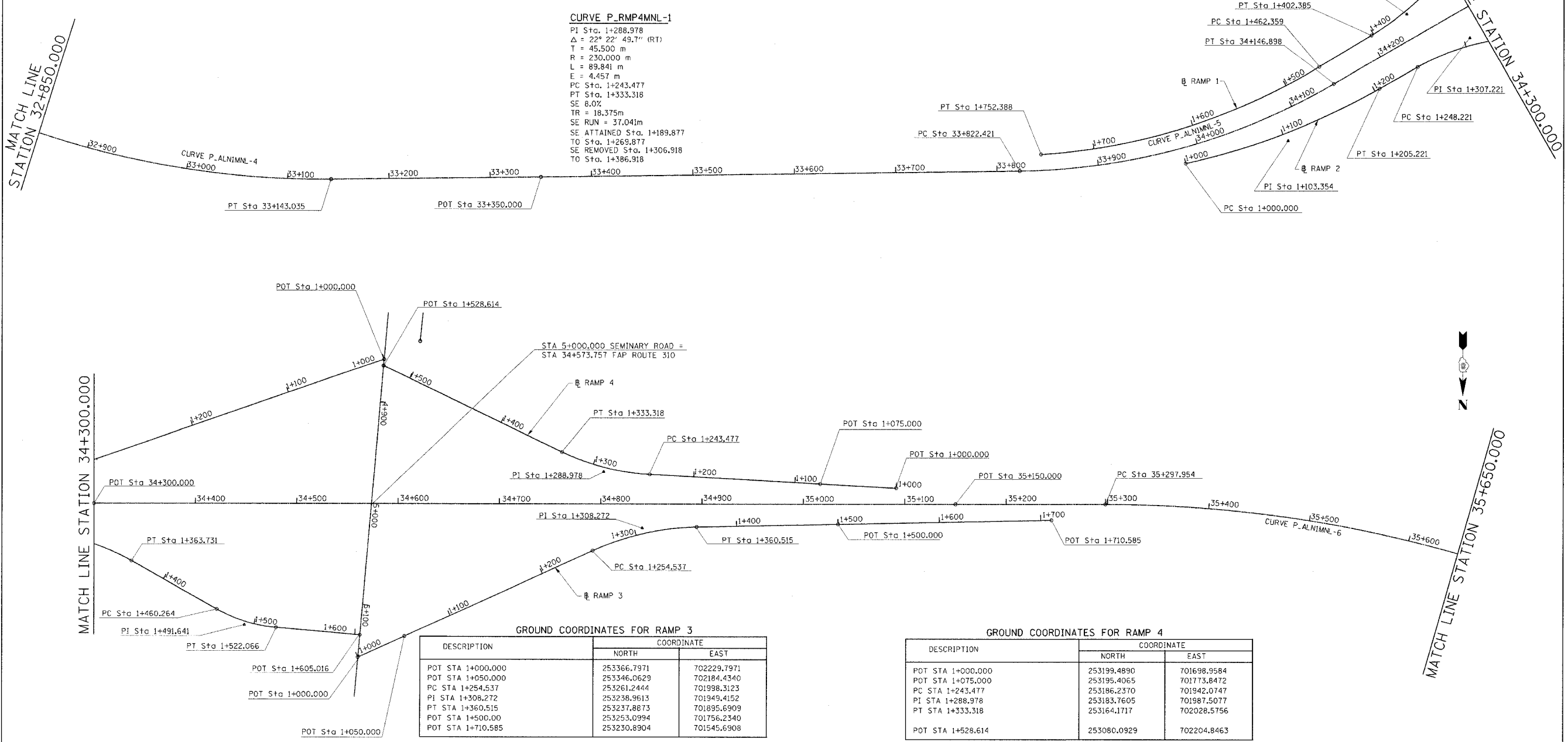
DESCRIPTION	COORDINATE	
	NORTH	EAST
PC STA 29+943.171	251438.0932	706284.2029
PI STA 30+232.645	251447.1354	705994.8705
PT STA 30+510.627	251590.5489	705743.4195
PC STA 30+908.196	251787.5160	705398.0716
PI STA 31+114.716	251889.8318	705218.6785
PT STA 31+313.812	251901.1365	705012.4684
PC STA. 31+663.007	251920.2511	704663.7977
PI STA 32+114.054	251944.9410	704213.4270
POC STA 32+225.000	252123.0393	704149.9842
PT STA 32+495.931	252326.1033	703972.2659
PC STA 32+709.312	252506.4237	703858.1773

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
HORIZONTAL CONTROL
 FAP ROUTE 310
 FAP ROUTE 310 SECTION 60-14, 60-14-1B
 MADISON COUNTY
 DRAWN BY BANDY
 CHECKED BY STEUART
 DATE

CURVE P_ALN1MNL-4 PI Sta. 32+930.726 Δ = 28° 24' 02.2" (LT) T = 221.414 m R = 875.000 m L = 433.723 m E = 27.579 m PC Sta. 32+709.312 PT Sta. 33+143.035 SE 5.2% TR = 13.5m SE RUN = 390.623m SE ATTAINED Sta. 32+652.262 TO Sta. 32+730.762 SE REMOVED Sta. 33+121.585 TO Sta. 33+200.085	CURVE P_ALN1MNL-5 PI Sta. 33+988.284 Δ = 29° 16' 39" (LT) T = 165.863 m R = 635.000 m L = 324.476 m E = 21.304 m PC Sta. 33+822.421 PT Sta. 34+146.898 SE 5.9% TR = 13.5m SE RUN = 281.577m SE ATTAINED Sta. 33+765.371 TO Sta. 33+843.871 SE REMOVED Sta. 34+125.448 TO Sta. 34+203.948	CURVE P_ALN1MNL-6 PI Sta. 36+194.086 Δ = 70° 24' 53.2" (RT) T = 896.132 m R = 1,270.000 m L = 1,464.405 m E = 284.333 m PC Sta. 35+297.954 PT Sta. 36+858.745 SE 4.1% TR = 13.5m SE RUN = 1517.891m SE ATTAINED Sta. 35+240.904 TO Sta. 35+319.404 SE REMOVED Sta. 36+837.295 TO Sta. 36+915.795	CURVE P_RMP1MNL-1 PI Sta. 1+362.205 Δ = 17° 50' 33.8" (RT) T = 40.814 m R = 260.000 m L = 80.968 m E = 3.184 m PC Sta. 1+321.391 PT Sta. 1+402.358 SE 8.0% TR = 18.375m SE RUN = 10.911m SE ATTAINED Sta. 1+276.131 TO Sta. 1+356.131 SE REMOVED Sta. 1+367.042 TO Sta. 1+407.042	CURVE P_RMP1MNL-2 PI Sta. 1+610.213 Δ = 27° 27' 07.4" (RT) T = 147.854 m R = 605.326 m L = 290.029 m E = 17.795 m PC Sta. 1+462.359 PT Sta. 1+752.388 SE 5.9% TR = 18.375m SE RUN = 10.911m SE ATTAINED Sta. 1+489.877 TO Sta. 1+569.877 SE REMOVED Sta. 1+573.331 TO Sta. 1+617.331	CURVE P_RMP2MNL-1 PI Sta. 1+103.354 Δ = 16° 49' 13.7" (LT) T = 103.354 m R = 699.046 m L = 205.221 m E = 7.599 m PC Sta. 1+000.000 PT Sta. 1+205.221 SE 8.0% TR = 18.375m SE RUN = 68.110m SE ATTAINED Sta. 1+000.000 TO Sta. 1+269.221 SE REMOVED Sta. 1+337.331 TO Sta. 1+417.331	CURVE P_RMP2MNL-2 PI Sta. 1+307.221 Δ = 28° 46' 29.6" (RT) T = 59.000 m R = 230.000 m L = 115.510 m E = 7.447 m PC Sta. 1+248.221 PT Sta. 1+363.731 SE 8.0% TR = 18.375m SE RUN = 68.110m SE ATTAINED Sta. 1+000.000 TO Sta. 1+269.221 SE REMOVED Sta. 1+337.331 TO Sta. 1+417.331	CURVE P_RMP2MNL-3 PI Sta. 1+491.641 Δ = 24° 25' 14.8" (LT) T = 31.377 m R = 145.000 m L = 61.802 m E = 3.356 m PC Sta. 1+460.264 PT Sta. 1+522.066 SE 7.84% TR = 18.375m SE RUN = 7.852m SE ATTAINED Sta. 1+417.331 TO Sta. 1+481.714 SE REMOVED Sta. 1+489.566 TO Sta. 1+554.566	CURVE P_RMP3MNL-1 PI Sta. 1+308.272 Δ = 23° 21' 15.2" (RT) T = 53.735 m R = 260.000 m L = 105.978 m E = 5.495 m PC Sta. 1+254.537 PT Sta. 1+360.515 SE 8.0% TR = 18.375m SE RUN = 39.578m SE ATTAINED Sta. 1+200.937 TO Sta. 1+280.937 SE REMOVED Sta. 1+320.515 TO Sta. 1+400.515
--	--	--	---	--	---	--	---	--

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	*	MADISON	452	18
STA. 32+850.000		TO STA. 35+650.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



GROUND COORDINATES FOR RAMP 3

DESCRIPTION	COORDINATE	
	NORTH	EAST
POT STA 1+000.000	253366.7971	702229.7971
POT STA 1+050.000	253346.0629	702184.4340
PC STA 1+254.537	253261.2444	701988.3123
PI STA 1+308.272	253238.9613	701949.4152
PT STA 1+360.515	253237.8873	701895.6909
POT STA 1+500.000	253253.0994	701756.2340
POT STA 1+710.585	253230.8904	701545.6908

GROUND COORDINATES FOR RAMP 4

DESCRIPTION	COORDINATE	
	NORTH	EAST
POT STA 1+000.000	253199.4890	701698.9584
POT STA 1+075.000	253195.4065	701773.8472
PC STA 1+243.477	253186.2370	701942.0747
PI STA 1+288.978	253183.7605	701987.5077
PT STA 1+333.318	253164.1717	702028.5756
POT STA 1+528.614	253080.0929	702204.8463

GROUND COORDINATES FOR RAMP 1

DESCRIPTION	COORDINATE	
	NORTH	EAST
POT STA 1+000.000	253073.7248	702204.2891
PC STA 1+321.391	253178.3567	702508.1708
PI STA 1+362.205	253191.6441	702546.7616
PT STA 1+402.358	253192.4681	702587.5675
PC STA 1+462.359	253193.5414	702647.5582
PI STA 1+610.213	253196.1861	702795.3885
PT STA 1+752.388	253130.3823	702927.7920

GROUND COORDINATES FOR RAMP 2

DESCRIPTION	COORDINATE	
	NORTH	EAST
PC STA 1+000.000	253209.5854	702808.6262
PI STA 1+103.354	253240.6075	702710.0379
PT STA 1+205.221	252542.7716	702606.6906
PC STA 1+248.221	253241.7740	702563.6933
PI STA 1+307.221	253242.9243	702504.6968
PT STA 1+363.731	253271.9069	702453.3057
PC STA 1+460.264	253319.3264	702369.2227
PI STA 1+491.641	253334.7400	702341.8918
PT STA 1+522.066	253337.4750	702310.6336
POT STA 1+605.016	253344.7054	702227.9993

GROUND COORDINATES FOR FAP 310, (MAINLINE)

DESCRIPTION	COORDINATE	
	NORTH	EAST
PI STA 32+930.726	252693.5320	703739.7940
PT STA 33+143.035	252801.8136	703546.6639
POT STA 33+350.000	252903.0287	703366.1375
PC STA 33+822.421	253134.0643	702954.0644
PI STA 33+988.284	253215.1790	702809.3890
PT STA 34+146.898	253215.1805	702643.5259
POT STA 34+300.000	253215.1819	702490.4235
POT STA 34+573.757	253215.1844	702216.6665
POT STA 35+150.000	253215.1896	701640.4235
PC STA 35+297.954	253215.1909	701492.4699
PI STA 36+194.086	253215.1990	700596.3380
PT STA 36+858.745	254059.4870	700295.9546

REVISIONS	
NAME	DATE

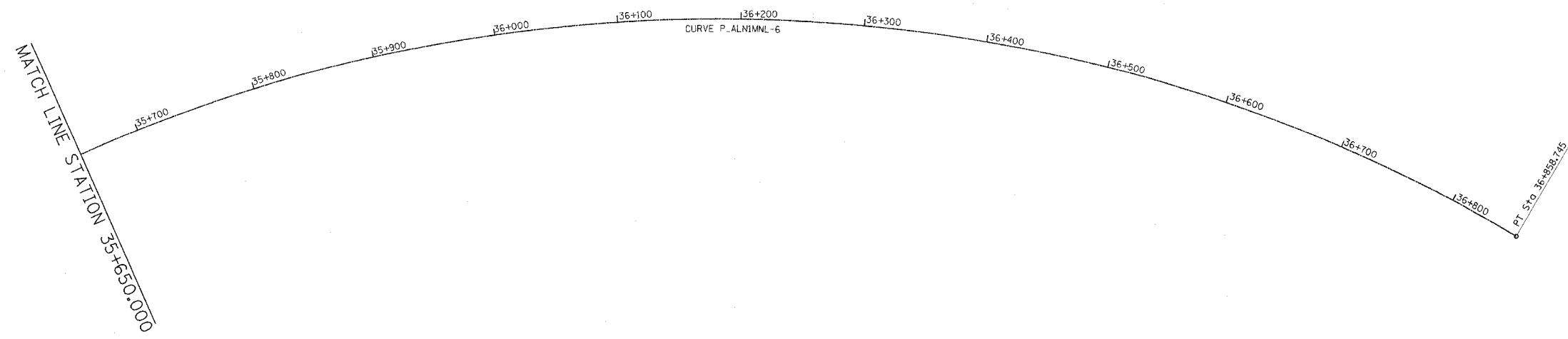
ILLINOIS DEPARTMENT OF TRANSPORTATION
HORIZONTAL CONTROL
FAP ROUTE 310
SECTION 60-14, 60-14-1B
MADISON COUNTY
DRAWN BY BANDY
CHECKED BY STEUART
DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	19
STA. 35+650.000		TO STA. 36+858.745		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CURVE P_ALNIMNL-6

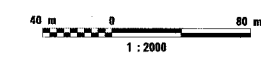
PI Sta. 36+194.086
 $\Delta = 70^\circ 24' 53.2''$ (RT)
 T = 896.132 m
 R = 1,270.000 m
 L = 1,464.405 m
 E = 284.333 m
 PC Sta. 35+297.954
 PT Sta. 36+858.745
 SE 4.1%
 TR = 13.5m
 SE RUN = 1517.891m
 SE ATTAINED Sta. 35+240.904 TO Sta. 35+319.404
 SE REMOVED Sta. 36+837.295 TO Sta. 36+915.795

SECTION 60-14
 SECTION 60-14-1B
 CONTRACT NO. 76321



GROUND COORDINATES FOR FAP 310, (MAINLINE)

DESCRIPTION	COORDINATE	
	NORTH	EAST
PI STA 36+194.086	253215.1990	700596.3380
PT STA 36+858.745	254059.4870	700295.9546

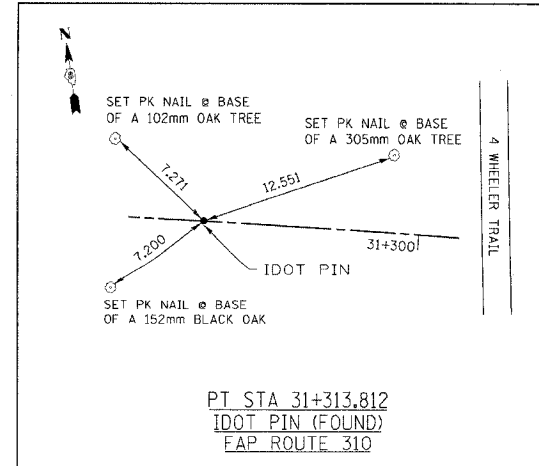


REVISIONS	
NAME	DATE

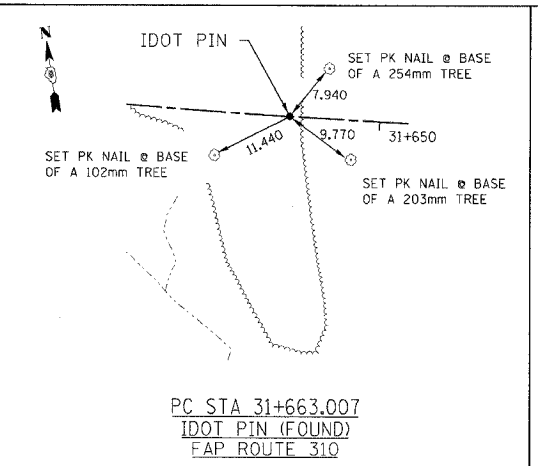
ILLINOIS DEPARTMENT OF TRANSPORTATION
HORIZONTAL CONTROL
 FAP ROUTE 310
 FAP ROUTE 310 SECTION 60-14, 60-14-1B
 MADISON COUNTY
 DRAWN BY _____
 CHECKED BY _____
 DATE _____

HORIZONTAL CONTROL, FAP 310, STA. 35+650.000 TO STA. 36+858.745

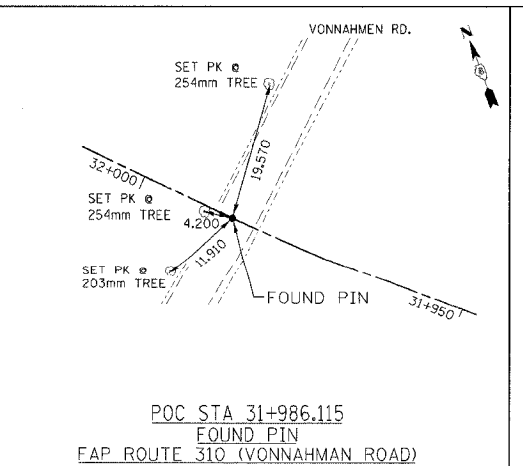
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	20
STA. TO STA.		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		SECTION 60-14		
		SECTION 60-14-1B		
		CONTRACT NO. 76321		



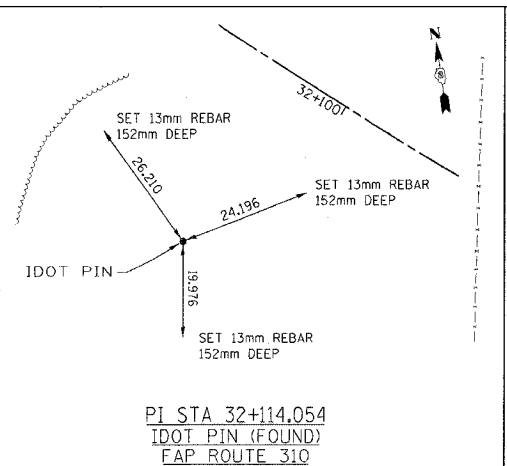
PT STA 31+313.812
 IDOT PIN (FOUND)
 FAP ROUTE 310



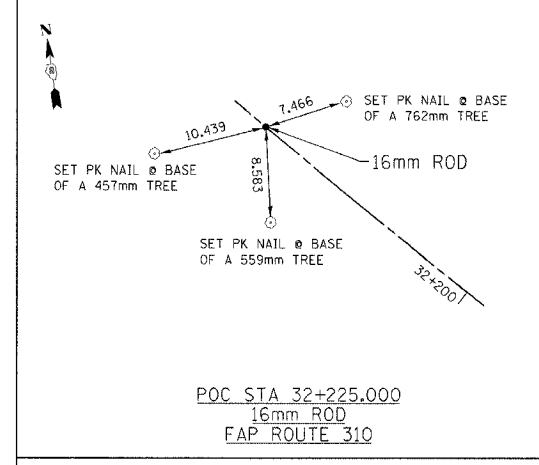
PC STA 31+663.007
 IDOT PIN (FOUND)
 FAP ROUTE 310



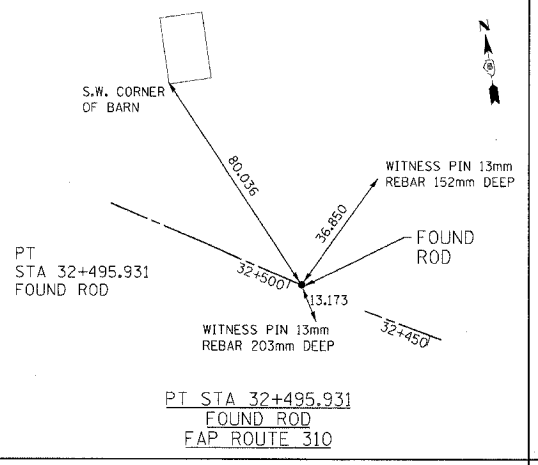
POC STA 31+986.115
 FOUND PIN
 FAP ROUTE 310 (VONNAHMEN ROAD)



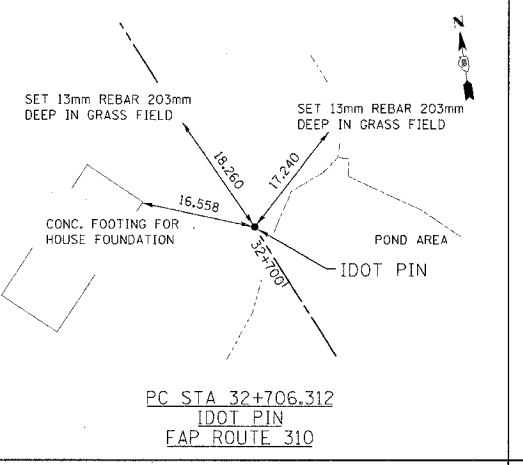
PI STA 32+114.054
 IDOT PIN (FOUND)
 FAP ROUTE 310



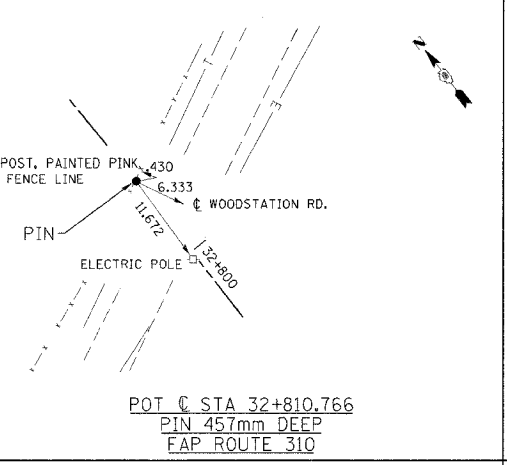
POC STA 32+225.000
 16mm ROD
 FAP ROUTE 310



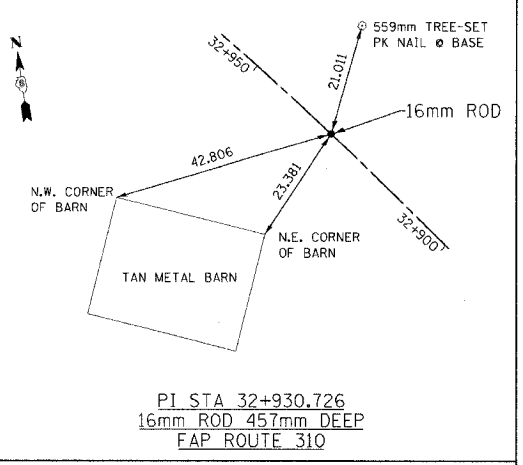
PT STA 32+495.931
 FOUND ROD
 FAP ROUTE 310



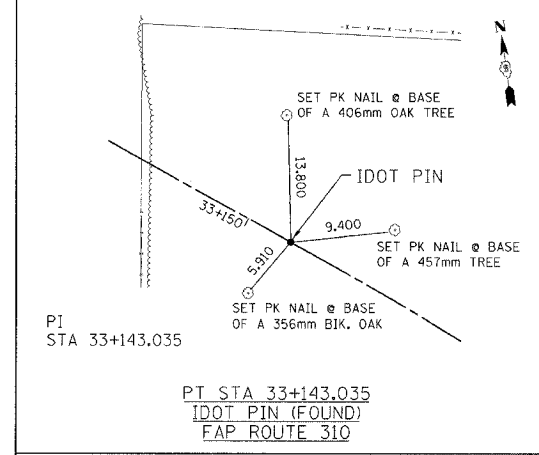
PC STA 32+706.312
 IDOT PIN
 FAP ROUTE 310



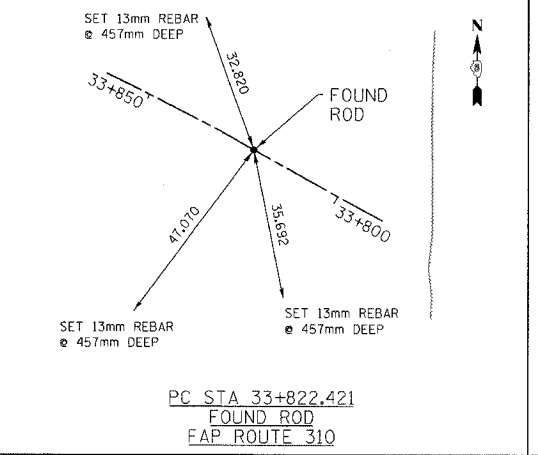
POT C STA 32+810.766
 PIN 457mm DEEP
 FAP ROUTE 310



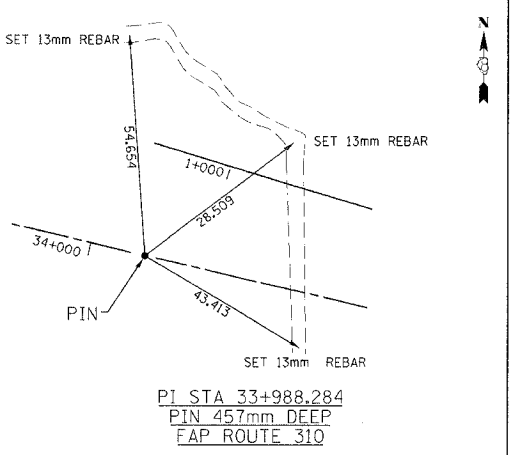
PI STA 32+930.726
 16mm ROD 457mm DEEP
 FAP ROUTE 310



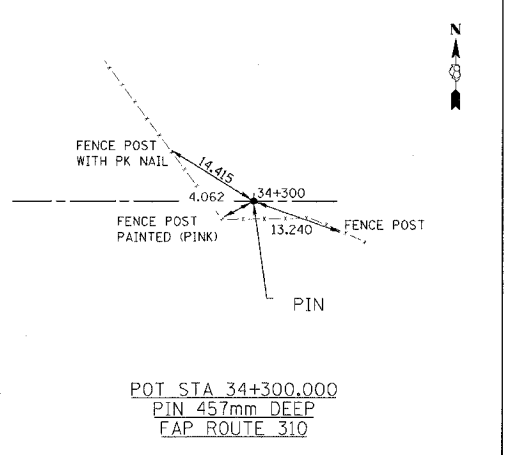
PI STA 33+143.035
 IDOT PIN (FOUND)
 FAP ROUTE 310



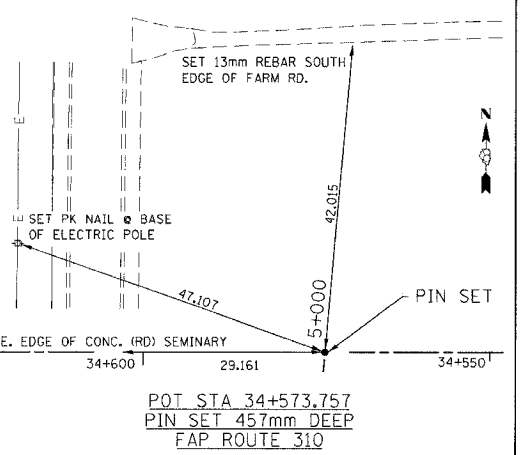
PC STA 33+822.421
 FOUND ROD
 FAP ROUTE 310



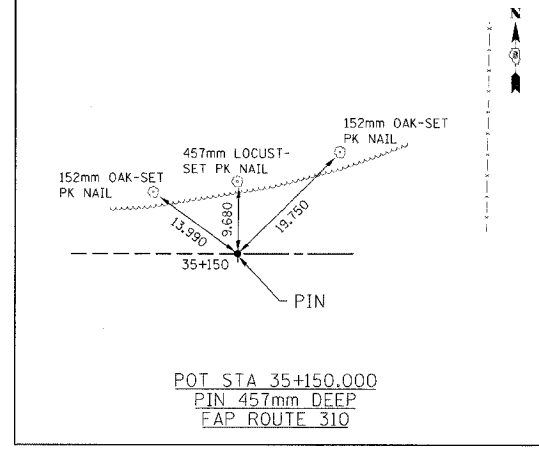
PI STA 33+988.284
 PIN 457mm DEEP
 FAP ROUTE 310



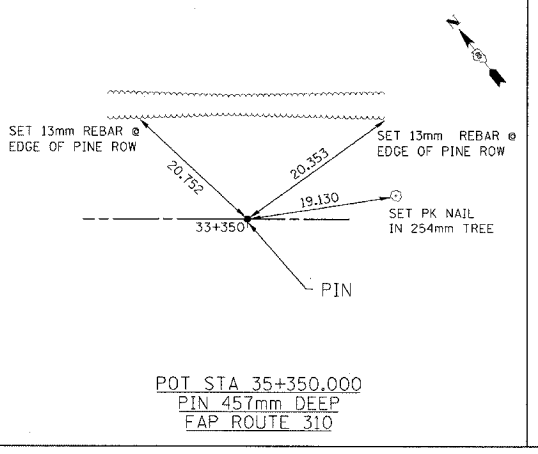
POT STA 34+300.000
 PIN 457mm DEEP
 FAP ROUTE 310



POT STA 34+573.757
 PIN SET 457mm DEEP
 FAP ROUTE 310



POT STA 35+150.000
 PIN 457mm DEEP
 FAP ROUTE 310

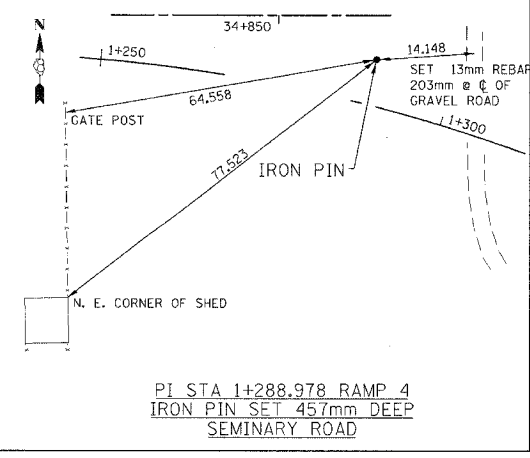
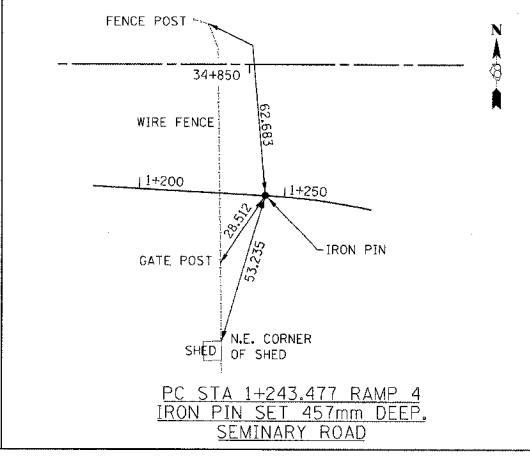
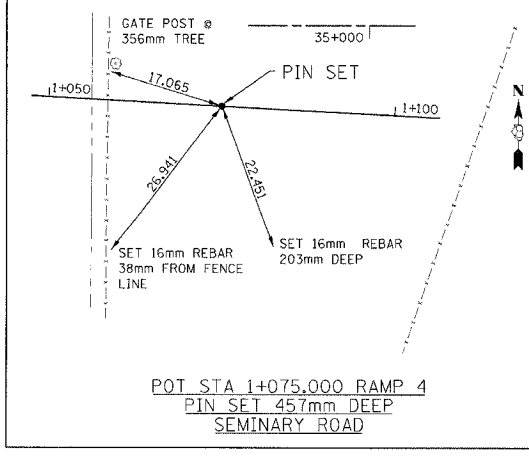
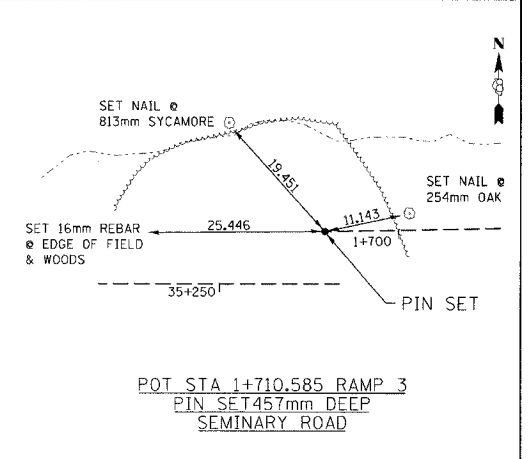
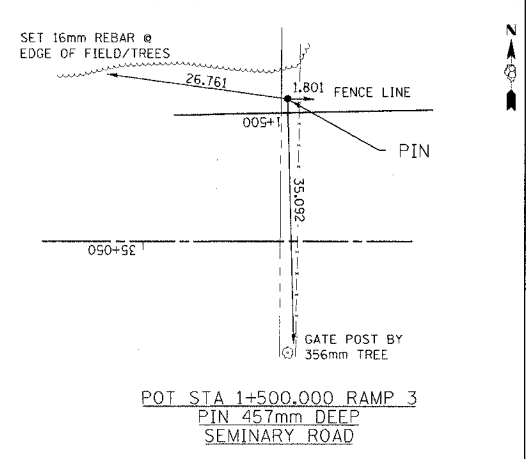
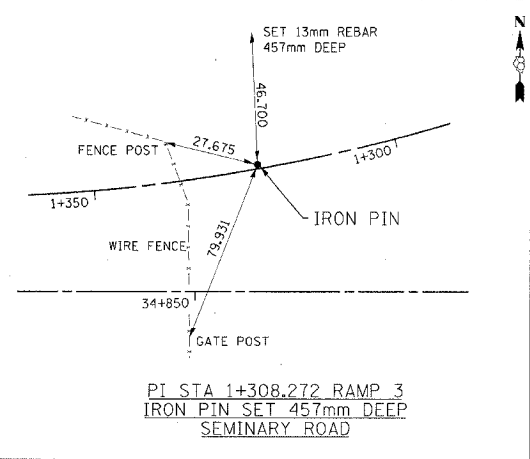
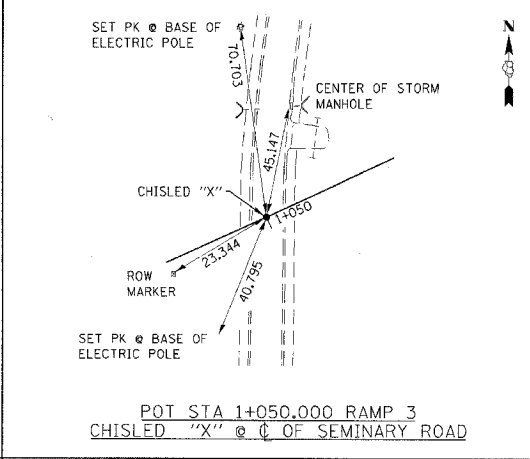
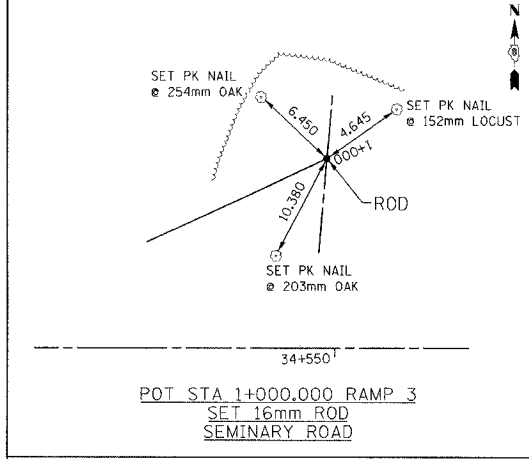
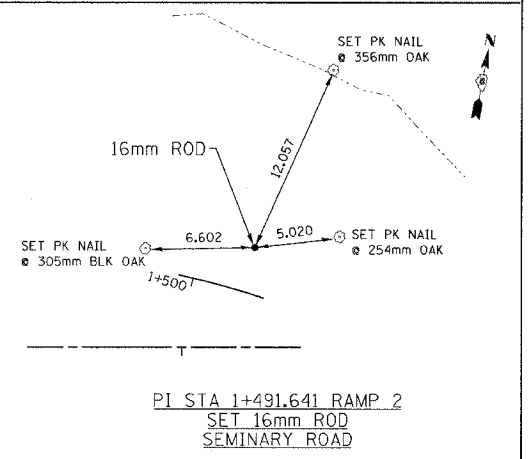
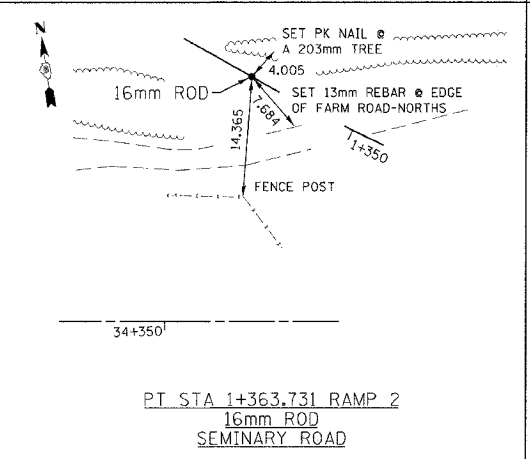
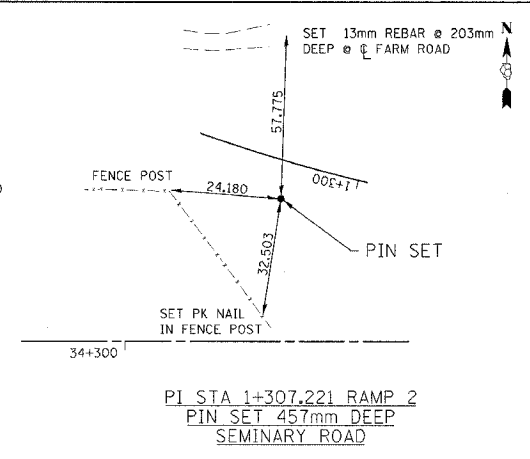
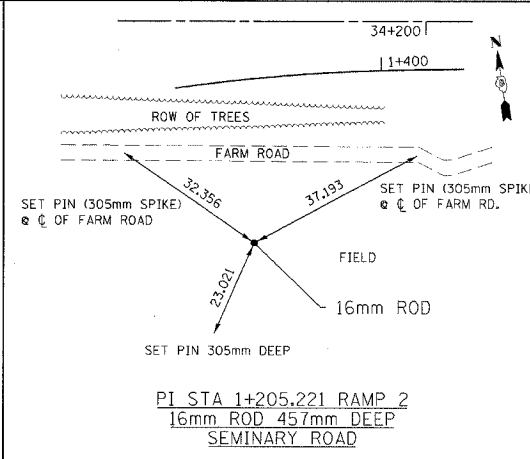
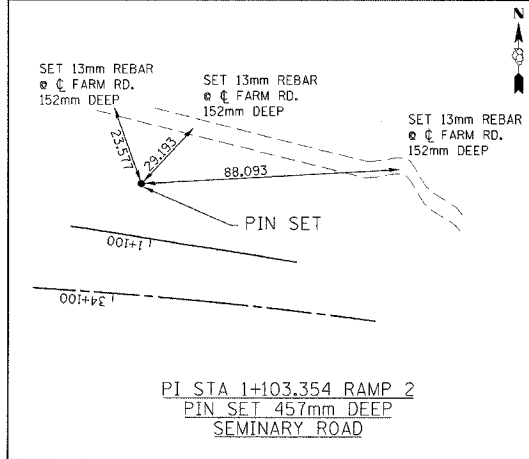
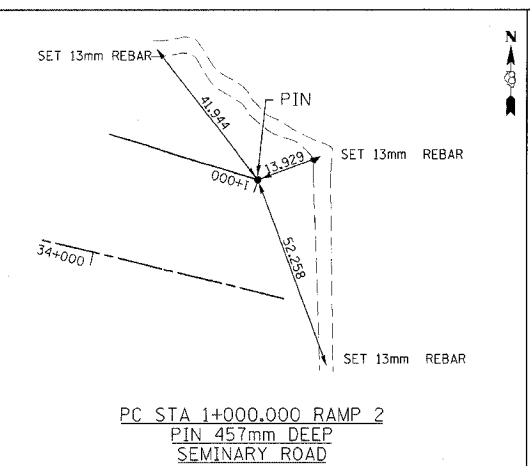
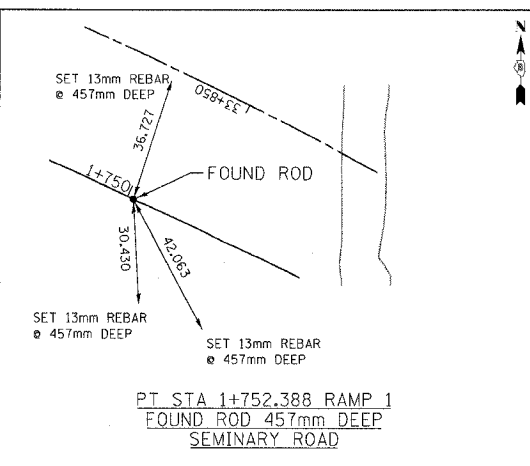
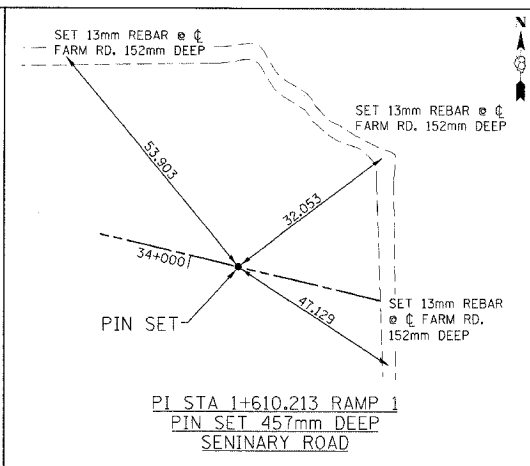
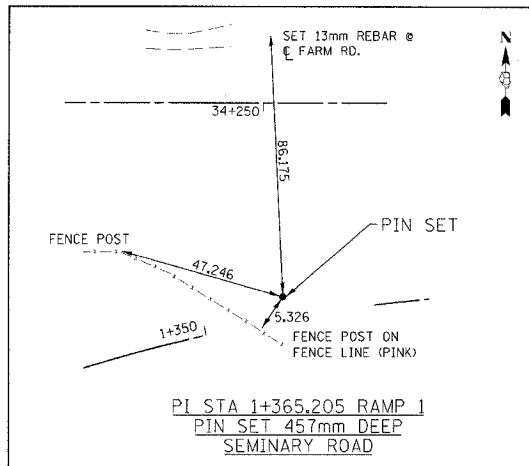


POT STA 35+350.000
 PIN 457mm DEEP
 FAP ROUTE 310

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TIE POINTS
 FAP ROUTE 310
 SECTION 60-14, 60-14-1B
 MADISON COUNTY
 DRAWN BY CLARK
 CHECKED BY STEUART
 DATE

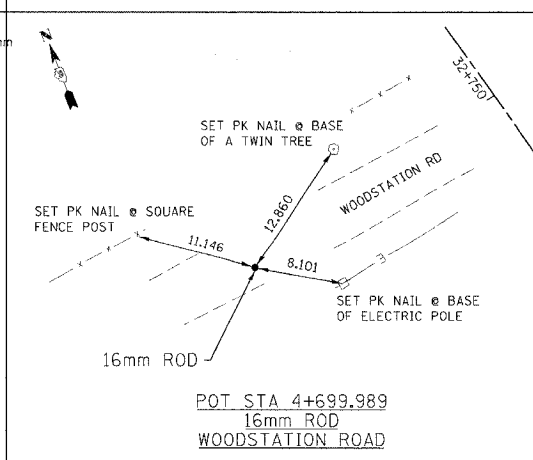
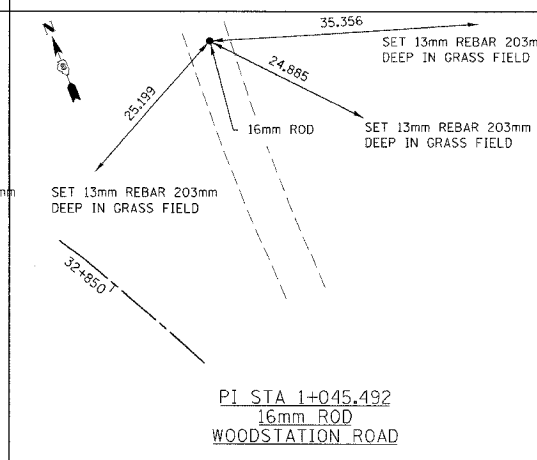
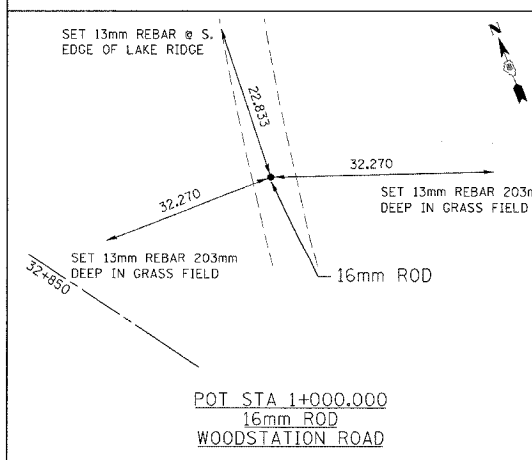
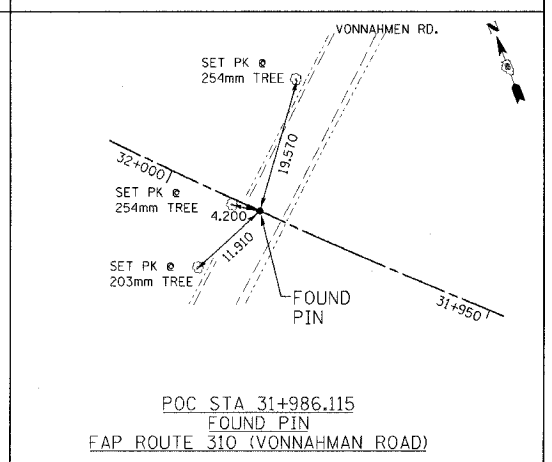
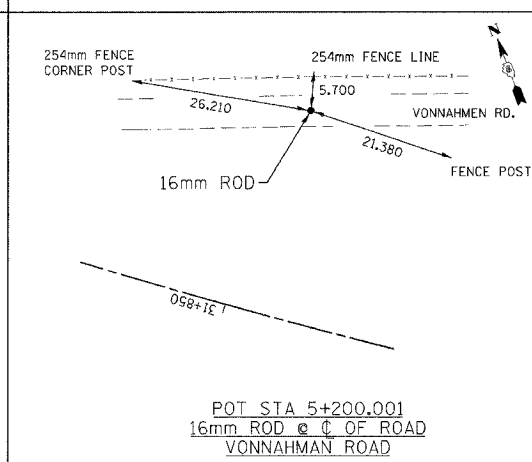
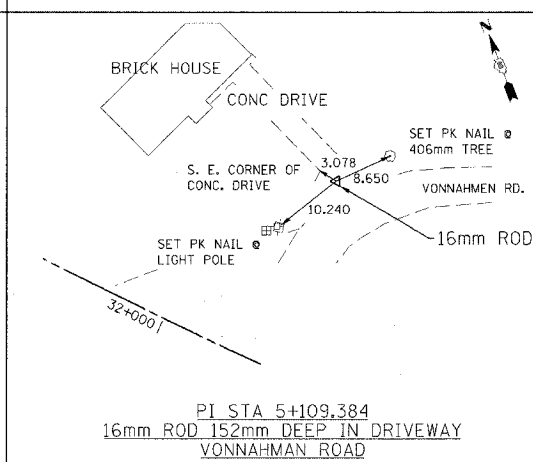
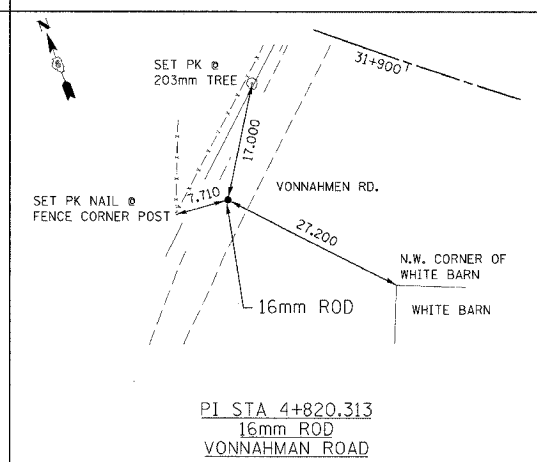
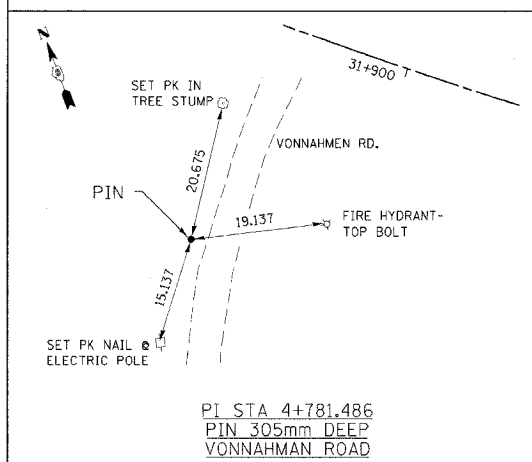
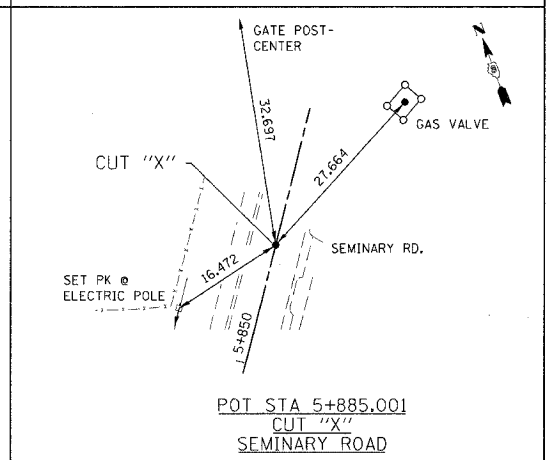
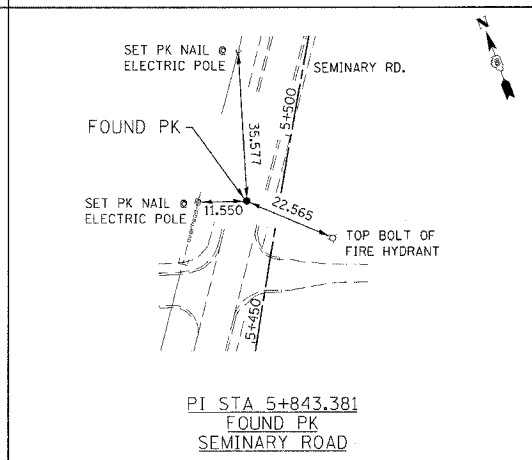
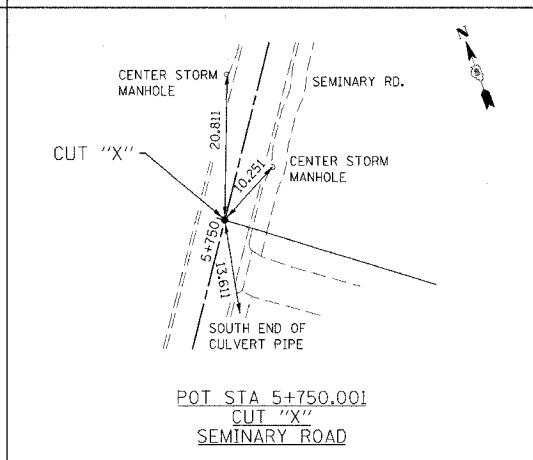
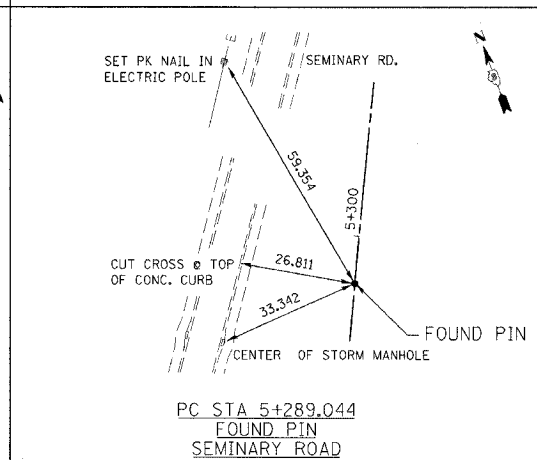
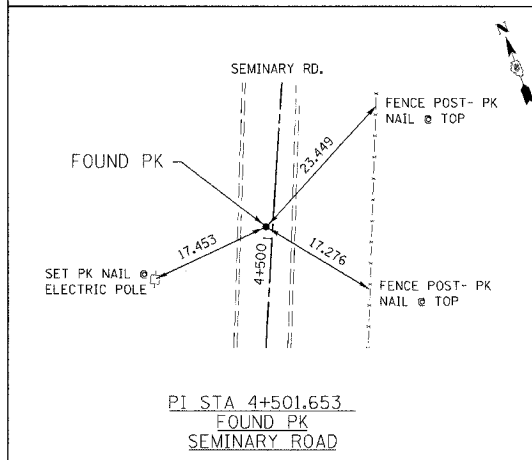
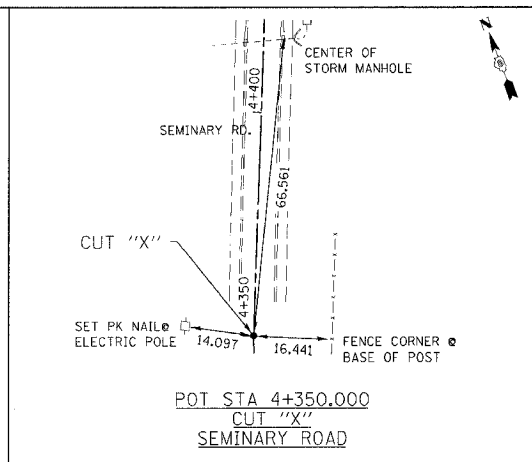
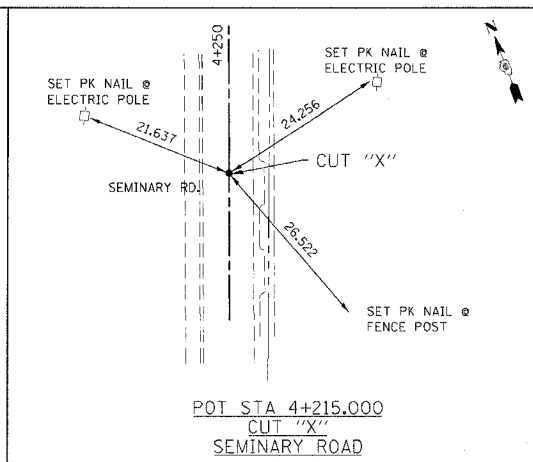
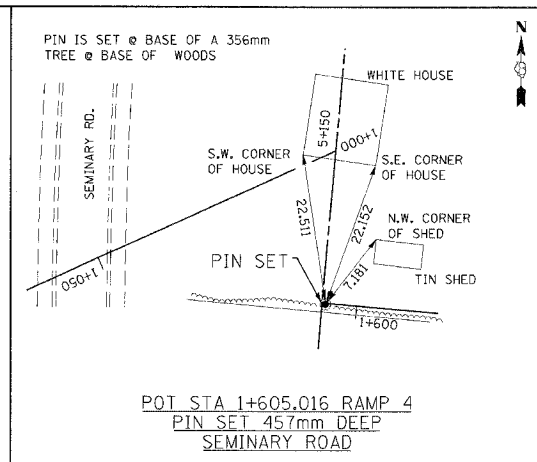
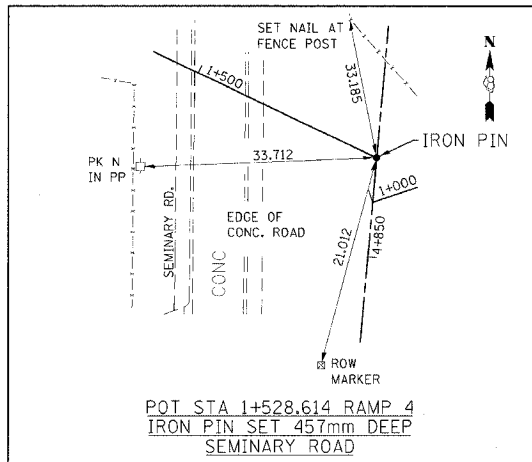
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	21
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SECTION 60-14		CONTRACT NO. 76321		



REVISIONS	
NAME	DATE

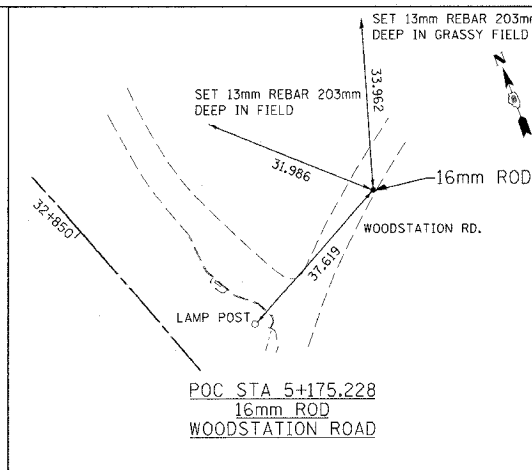
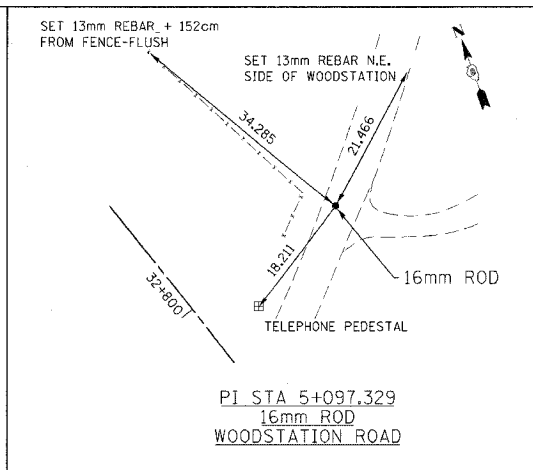
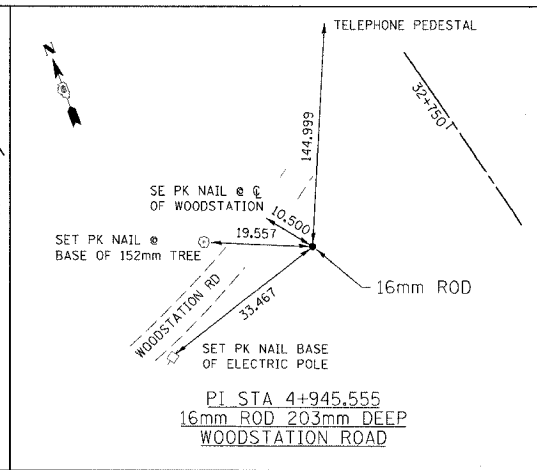
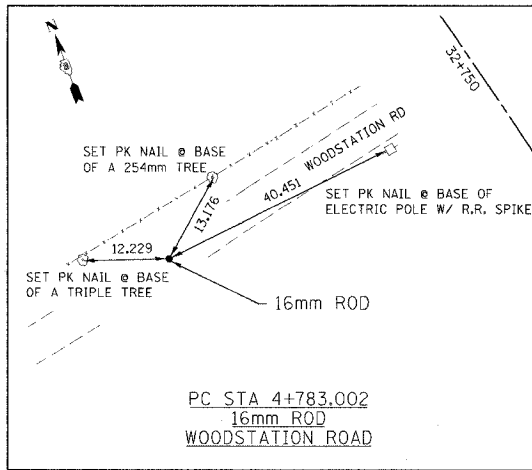
ILLINOIS DEPARTMENT OF TRANSPORTATION
TIE POINTS
 FAP ROUTE 310
 FAP ROUTE 310 SECTION 60-14, 60-14-1B
 MADISON COUNTY
 DRAWN BY CLARK
 CHECKED BY STEUART
 DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	22
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321				

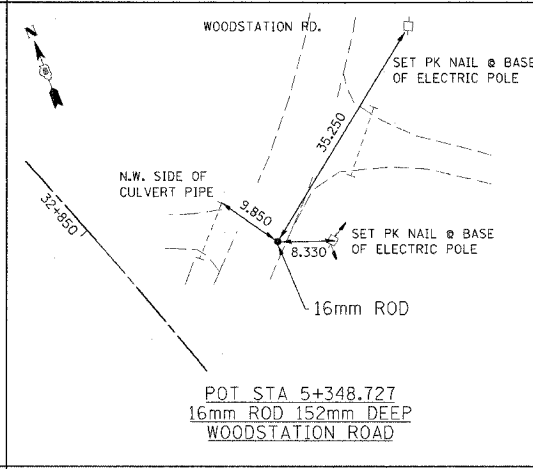
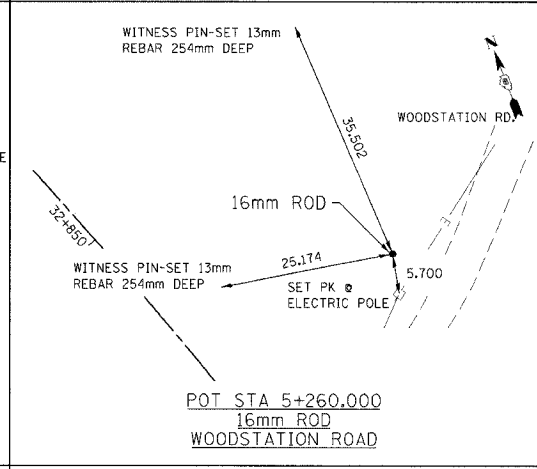
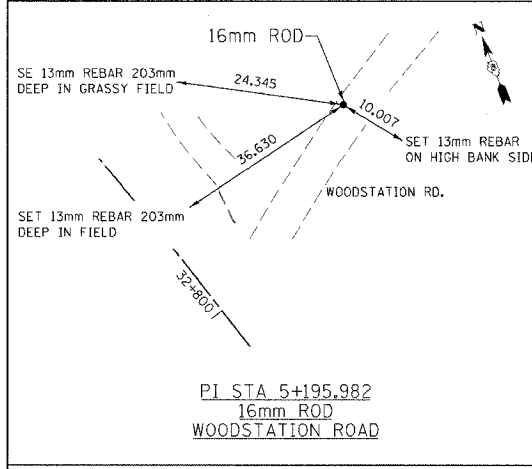


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TIE POINTS
FAP ROUTE 310
FAP ROUTE 310 SECTION 60-14, 60-14-1B
MADISON COUNTY
DRAWN BY CLARK
CHECKED BY STEUART
DATE



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	*	MADISON	452	23
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321				



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TIE POINTS
 FAP ROUTE 310
 FAP ROUTE 310 SECTION 60-14, 60-14-1B
 MADISON COUNTY
 DRAWN BY CLARK
 CHECKED BY STEUART
 DATE

SUPERELEVATED PAVEMENT ELEVATIONS
CURVE P_ALNIMNL-2

SOUTHBOUND LANES					NORTHBOUND LANES					
STATION	OUTSIDE EDGE	SLOPE %	℄	SLOPE %	MEDIAN EDGE	MEDIAN EDGE	SLOPE %	℄	SLOPE %	OUTSIDE EDGE
30+850	156.041	-1.500	156.095	-1.500	156.041	156.041	-1.500	156.095	-1.500	156.041
30+860	155.949	-1.500	156.003	-0.516	155.984	155.984	-1.500	156.038	-0.516	156.019
30+870	155.866	-1.500	155.920	0.428	155.935	155.935	-1.500	155.989	0.428	156.004
30+880	155.797	-1.500	155.851	1.228	155.895	155.895	-1.500	155.949	1.228	155.993
30+890	155.717	-2.027	155.790	2.027	155.863	155.863	-2.027	155.936	2.027	156.009
30+900	155.637	-2.826	155.738	2.826	155.840	155.840	-2.826	155.942	2.826	156.043
30+910	155.564	-3.625	155.695	3.625	155.825	155.825	-3.625	155.955	3.625	156.086
30+920	155.499	-4.427	155.659	4.427	155.818	155.818	-4.427	155.977	4.427	156.137
30+930	155.446	-5.200	155.633	5.200	155.820	155.820	-5.200	156.007	5.200	156.194
30+940	155.456	-5.200	155.643	5.200	155.830	155.830	-5.200	156.017	5.200	156.204
30+950	155.475	-5.200	155.662	5.200	155.849	155.849	-5.200	156.036	5.200	156.223
30+975	155.553	-5.200	155.740	5.200	155.927	155.927	-5.200	156.114	5.200	156.301
31+000	155.638	-5.200	155.825	5.200	156.012	156.012	-5.200	156.199	5.200	156.386
31+025	155.722	-5.200	155.909	5.200	156.096	156.096	-5.200	156.283	5.200	156.470
31+050	155.807	-5.200	155.994	5.200	156.181	156.181	-5.200	156.368	5.200	156.555
31+075	155.892	-5.200	156.079	5.200	156.266	156.266	-5.200	156.453	5.200	156.640
31+100	155.977	-5.200	156.164	5.200	156.351	156.351	-5.200	156.538	5.200	156.725
31+125	156.062	-5.200	156.249	5.200	156.436	156.436	-5.200	156.623	5.200	156.810
31+150	156.147	-5.200	156.334	5.200	156.521	156.521	-5.200	156.708	5.200	156.895
31+175	156.232	-5.200	156.419	5.200	156.606	156.606	-5.200	156.793	5.200	156.980
31+200	156.316	-5.200	156.503	5.200	156.690	156.690	-5.200	156.877	5.200	157.064
31+225	156.401	-5.200	156.588	5.200	156.775	156.775	-5.200	156.962	5.200	157.149
31+250	156.486	-5.200	156.673	5.200	156.860	156.860	-5.200	157.047	5.200	157.234
31+275	156.571	-5.200	156.758	5.200	156.945	156.945	-5.200	157.132	5.200	157.319
31+280	156.588	-5.200	156.775	5.200	156.962	156.962	-5.200	157.149	5.200	157.336
31+290	156.622	-5.200	156.809	5.200	156.996	156.996	-5.200	157.183	5.200	157.370
31+300	156.700	-4.588	156.865	4.588	157.030	157.030	-4.588	157.195	4.588	157.360
31+310	156.791	-3.786	156.928	3.786	157.064	157.064	-3.786	157.200	3.786	157.337
31+320	156.883	-2.986	156.991	2.986	157.098	157.098	-2.986	157.205	2.986	157.313
31+330	156.974	-2.188	157.053	2.188	157.132	157.132	-2.188	157.211	2.188	157.290
31+340	157.062	-1.500	157.116	1.389	157.166	157.166	-1.500	157.220	1.389	157.270
31+350	157.124	-1.500	157.178	0.589	157.199	157.199	-1.500	157.253	0.589	157.274
31+360	157.190	-1.500	157.244	-0.293	157.233	157.233	-1.500	157.287	-0.293	157.276
31+370	157.264	-1.500	157.318	-1.404	157.267	157.267	-1.500	157.321	-1.404	157.270
31+380	157.301	-1.500	157.355	-1.500	157.301	157.301	-1.500	157.355	-1.500	157.301

SUPERELEVATED PAVEMENT ELEVATIONS
CURVE P_ALNIMNL-4

SOUTHBOUND LANES					NORTHBOUND LANES					
STATION	OUTSIDE EDGE	SLOPE %	℄	SLOPE %	MEDIAN EDGE	MEDIAN EDGE	SLOPE %	℄	SLOPE %	OUTSIDE EDGE
32+650	144.490	-1.500	144.544	-1.500	144.490	144.490	-1.500	144.544	-1.500	144.490
32+660	144.464	-1.500	144.518	-0.418	144.503	144.503	-1.500	144.557	-0.418	144.542
32+670	144.451	-1.500	144.505	0.499	144.523	144.523	-1.500	144.577	0.499	144.595
32+680	144.449	-1.500	144.503	1.299	144.550	144.550	-1.500	144.604	1.299	144.651
32+690	144.432	-2.098	144.507	2.098	144.583	144.583	-2.098	144.659	2.098	144.734
32+700	144.414	-2.896	144.519	2.896	144.623	144.623	-2.896	144.727	2.896	144.832
32+710	144.403	-3.696	144.536	3.696	144.669	144.669	-3.696	144.802	3.696	144.935
32+720	144.400	-4.491	144.561	4.491	144.723	144.723	-4.491	144.885	4.491	145.046
32+730	144.409	-5.200	144.596	5.200	144.783	144.783	-5.200	144.970	5.200	145.157
32+740	144.475	-5.200	144.662	5.200	144.849	144.849	-5.200	145.036	5.200	145.223
32+750	144.549	-5.200	144.736	5.200	144.923	144.923	-5.200	145.110	5.200	145.297
32+775	144.761	-5.200	144.948	5.200	145.135	145.135	-5.200	145.322	5.200	145.509
32+800	145.016	-5.200	145.203	5.200	145.390	145.390	-5.200	145.577	5.200	145.764
32+825	145.312	-5.200	145.499	5.200	145.686	145.686	-5.200	145.873	5.200	146.060
32+850	145.650	-5.200	145.837	5.200	146.024	146.024	-5.200	146.211	5.200	146.398
32+875	146.030	-5.200	146.217	5.200	146.404	146.404	-5.200	146.591	5.200	146.778
32+900	146.451	-5.200	146.638	5.200	146.825	146.825	-5.200	147.012	5.200	147.199
32+925	146.894	-5.200	147.081	5.200	147.268	147.268	-5.200	147.455	5.200	147.642
32+950	147.337	-5.200	147.523	5.200	147.710	147.710	-5.200	147.897	5.200	148.084
32+975	147.779	-5.200	147.966	5.200	148.153	148.153	-5.200	148.340	5.200	148.527
33+000	148.221	-5.200	148.408	5.200	148.595	148.595	-5.200	148.782	5.200	148.969
33+025	148.664	-5.200	148.851	5.200	149.038	149.038	-5.200	149.225	5.200	149.412
33+050	149.107	-5.200	149.294	5.200	149.481	149.481	-5.200	149.668	5.200	149.855
33+075	149.549	-5.200	149.736	5.200	149.923	149.923	-5.200	150.110	5.200	150.297
33+100	149.992	-5.200	150.179	5.200	150.366	150.366	-5.200	150.553	5.200	150.740
33+120	150.346	-5.200	150.533	5.200	150.720	150.720	-5.200	150.907	5.200	151.094
33+130	150.571	-4.525	150.734	4.525	150.897	150.897	-4.525	151.060	4.525	151.223
33+140	150.806	-3.723	150.940	3.723	151.074	151.074	-3.723	151.208	3.723	151.342
33+150	151.098	-2.126	151.174	2.126	151.251	151.251	-1.500	151.305	2.126	151.382
33+160	151.308	-1.673	151.368	1.673	151.428	151.428	-1.500	151.482	1.673	151.542
33+170	151.503	-1.500	151.557	1.327	151.605	151.605	-1.500	151.659	1.327	151.707
33+180	151.709	-1.500	151.763	0.527	151.782	151.782	-1.500	151.836	0.527	151.855
33+190	151.919	-1.500	151.973	-0.379	151.959	151.959	-1.500	152.013	-0.379	151.999
33+200	152.136	-1.500	152.190	-1.491	152.136	152.136	-1.500	152.190	-1.491	152.136
33+210	152.313	-1.500	152.367	-1.500	152.313	152.313	-1.500	152.367	-1.500	152.313

SUPERELEVATED PAVEMENT ELEVATIONS
CURVE P_ALNIMNL-6

SOUTHBOUND LANES					NORTHBOUND LANES					
STATION	OUTSIDE EDGE	SLOPE %	℄	SLOPE %	MEDIAN EDGE	MEDIAN EDGE	SLOPE %	℄	SLOPE %	OUTSIDE EDGE
35+240	167.300	-1.500	167.354	-1.500	167.300	167.300	-1.500	167.354	-1.500	167.300
35+250	167.203	-0.489	167.221	-1.500	167.167	167.167	-0.489	167.185	1.500	167.239

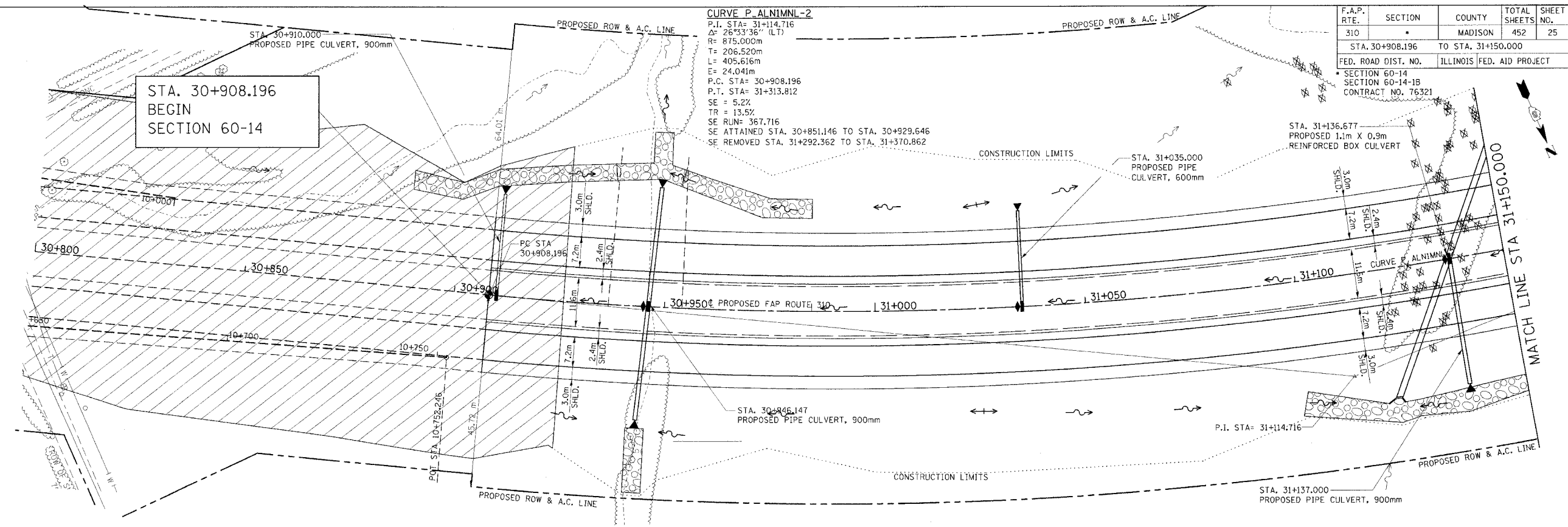
SUPERELEVATED PAVEMENT ELEVATIONS
CURVE P_ALNIMNL-3

SOUTHBOUND LANES					NORTHBOUND LANES					
STATION	OUTSIDE EDGE	SLOPE %	℄	SLOPE %	MEDIAN EDGE	MEDIAN EDGE	SLOPE %	℄	SLOPE %	OUTSIDE EDGE
31+600	158.048	-1.500	158.102	-1.500	158.048	158.048	-1.500	158.102	-1.500	158.048
31+610	158.098	-1.051	158.136	-1.500	158.082	158.082	-1.051	158.120	-1.500	158.066
31+620	158.172	0.043	158.170	-1.500	158.116	158.116	0.043	158.114	-1.500	158.060
31+630	158.234	0.843	158.204	-1.500	158.150	158.150	0.843	158.120	-1.500	158.066
31+640	158.302	1.643	158.243	-1.643	158.184	158.184	1.643	158.125	-1.643	158.066
31+650	158.394	2.442	158.306	-2.442	158.218	158.218	2.442	158.130	-2.442	158.042
31+660	158.485	3.240	158.369	-3.240	158.252	158.252	3.240	158.135	-3.240	158.019
31+670	158.576	4.041	158.430	-4.041	158.285	158.285	4.041	158.140	-4.041	157.994
31+680	158.668	4.843	158.493	-4.843	158.319	158.319	4.843	158.145	-4.843	157.970
31+690	158.727	5.200	158.540	-5.200	158.353	158.353	5.200	158.166	-5.200	157.979
31+700	158.761	5.200	158.574	-5.200	158.387	158.387	5.200	158.200	-5.200	158.013
31+725	158.816	5.200	158.629	-5.200	158.442	158.442	5.200	158.255	-5.200	158.068
31+750	158.824	5.200	158.637	-5.200	158.450	158.450	5.200	158.263	-5.200	158.076
31+775	158.785	5.200	158.598	-5.200	158.411	158.411	5.200	158.224	-5.200	158.037
31+800	158.700	5.200	158.513	-5.200	158.326	158.326	5.200	158.139	-5.200	157.952
31+825	158.567	5.200	158.380	-5.200	158.193	158.193	5.200	158.006	-5.200	157.819
31+850	158.388	5.200	158.201	-5.200	158.014	158.014	5.200	157.827	-5.200	157.640

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	25
STA. 30+908.196 TO STA. 31+150.000				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

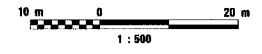
STA. 30+908.196
BEGIN
SECTION 60-14

CURVE P. ALNIMNL-2
 P.I. STA= 31+14.716
 $\Delta = 26^{\circ}33'36''$ (LT)
 R= 875.000m
 T= 206.520m
 L= 405.616m
 E= 24.041m
 P.C. STA= 30+908.196
 P.T. STA= 31+313.812
 SE = 5.2%
 TR = 13.5%
 SE RUN= 367.716
 SE ATTAINED STA. 30+851.146 TO STA. 30+929.646
 SE REMOVED STA. 31+292.362 TO STA. 31+370.862



LEGEND

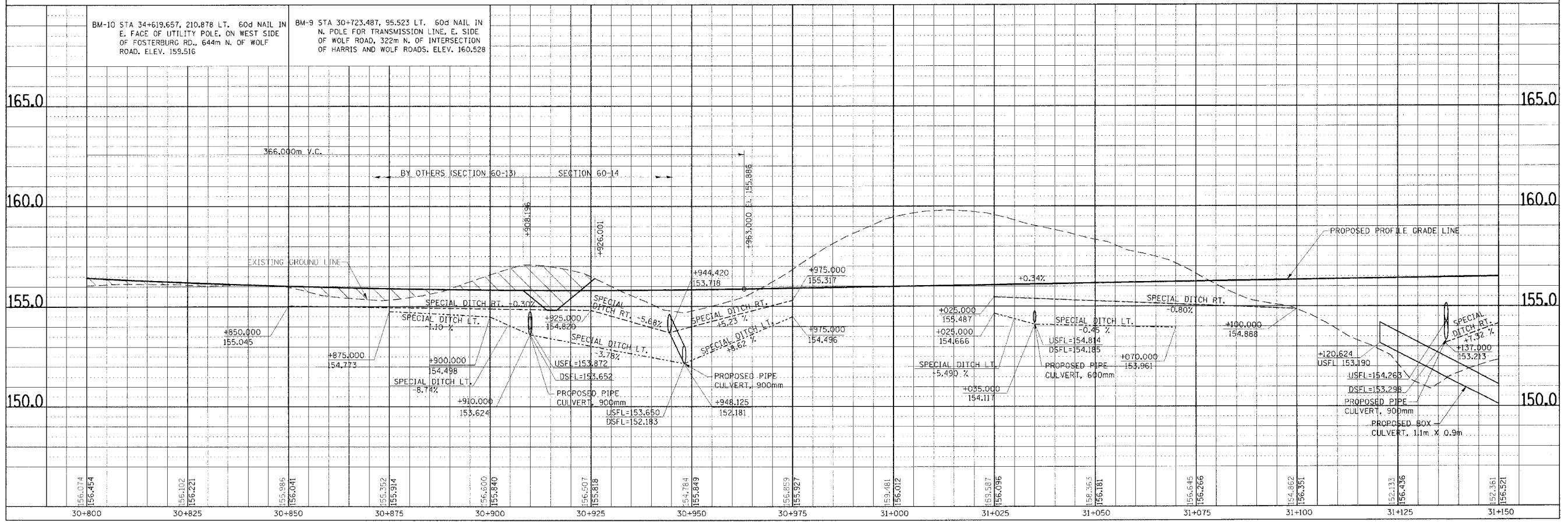
☒ TREE REMOVAL



NOTE: FOR RIPRAP DETAILS, SEE DRAINAGE SHEETS

BM-10 STA 34+619.657, 210.878 LT. 60d NAIL IN E. FACE OF UTILITY POLE, ON WEST SIDE OF FOSTERBURG RD., 644m N. OF WOLF ROAD. ELEV. 155.516

BM-9 STA 30+723.487, 95.523 LT. 60d NAIL IN N. POLE FOR TRANSMISSION LINE, E. SIDE OF WOLF ROAD, 322m N. OF INTERSECTION OF HARRIS AND WOLF ROADS. ELEV. 160.528



PLAN & PROFILE, FAP ROUTE 310, STA. 30+800.000 TO STA. 31+150.000

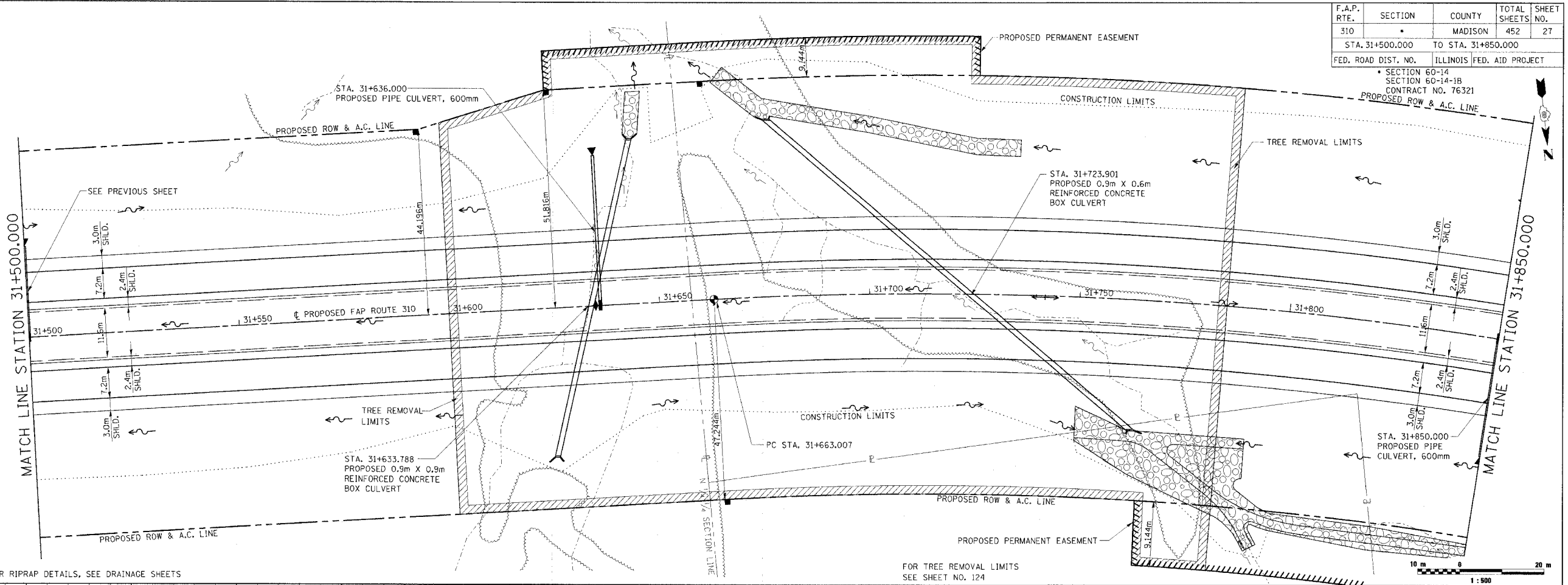
DATE	BY

DATE	BY

DRAWING: 15717/2005 OF 16.26 AM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	27
STA. 31+500.000		TO STA. 31+850.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321				

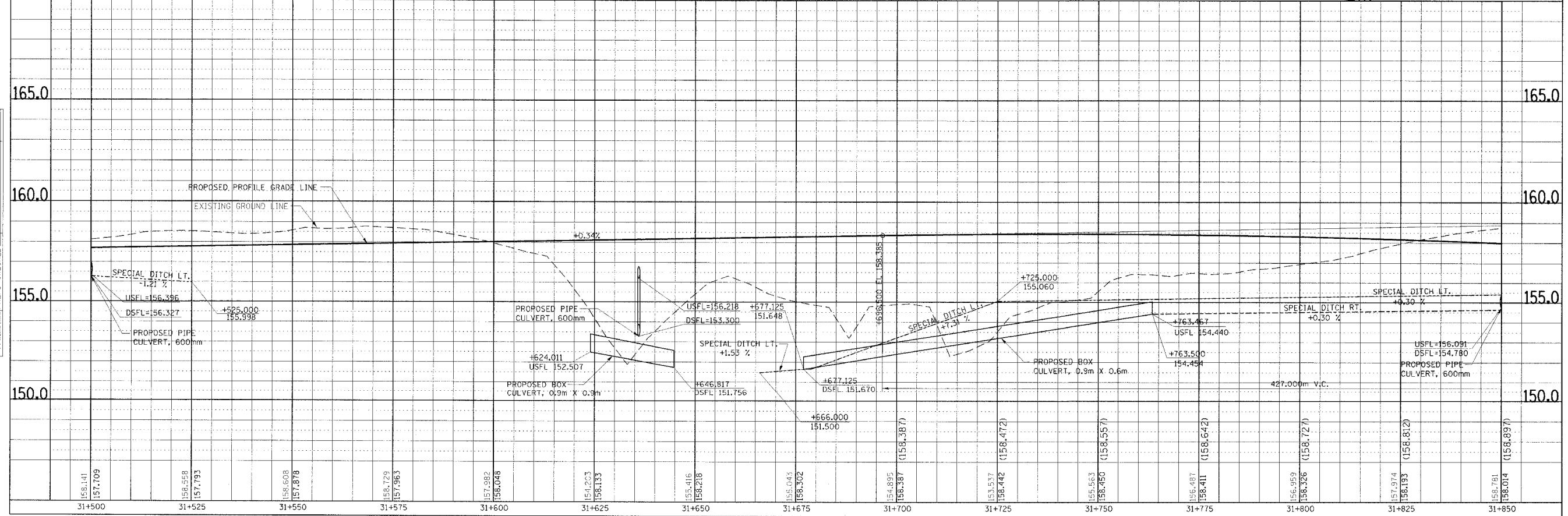
FINAL SURVEYED	BY	DATE
SURVEY PLOTTED		
NOTE BOOK TEMPLATE		
AREAS CHECKED		
NO.		



NOTE: FOR RIPRAP DETAILS, SEE DRAINAGE SHEETS

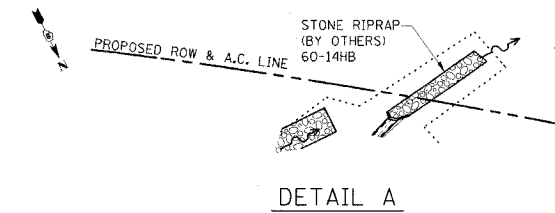
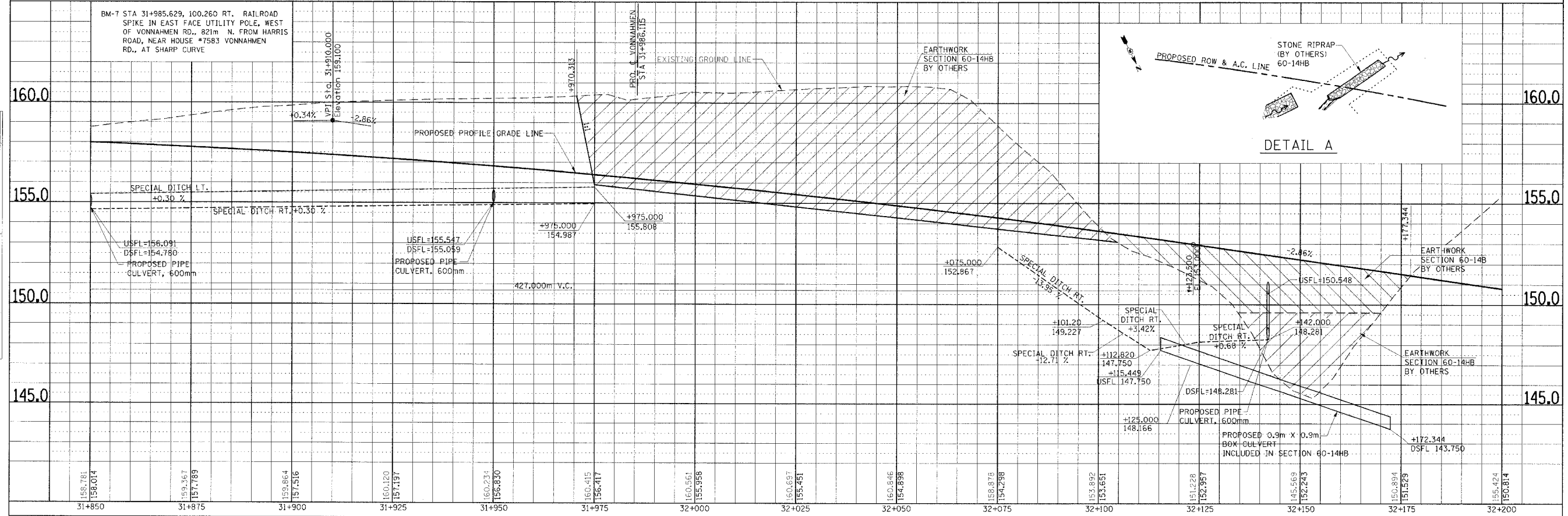
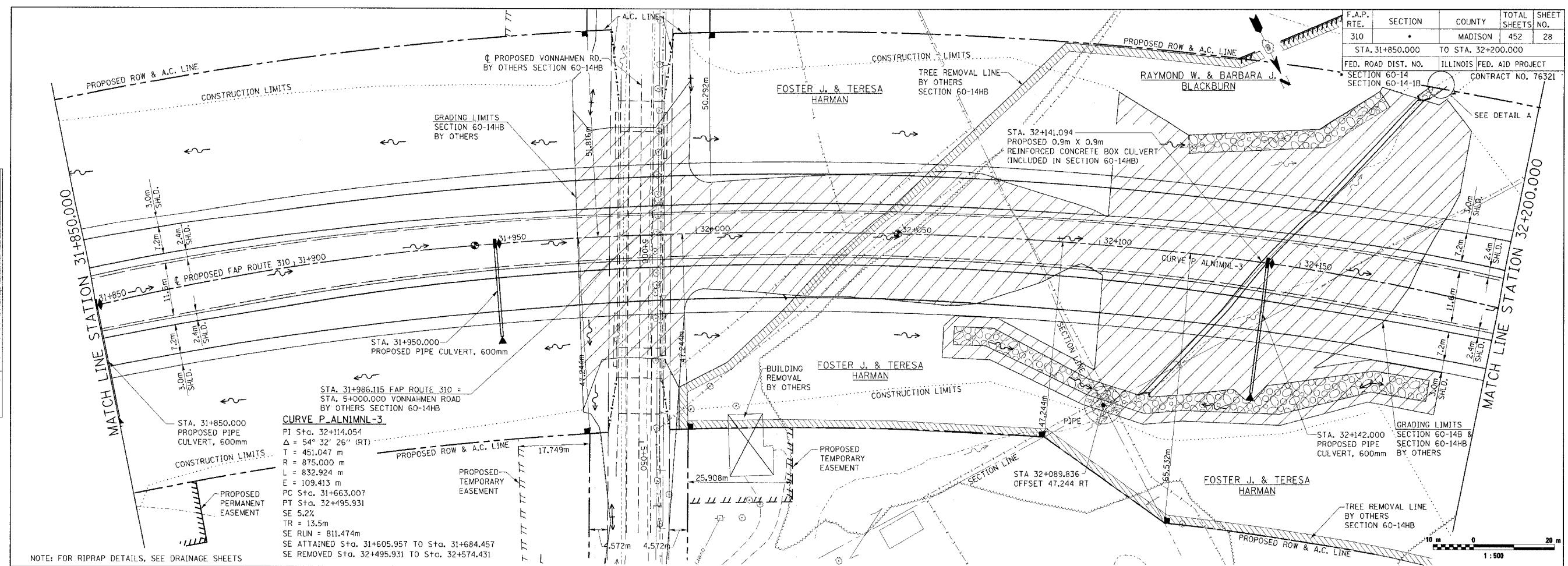
FOR TREE REMOVAL LIMITS SEE SHEET NO. 124

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



PLAN & PROFILE, FAP ROUTE 310, STA. 31+500.000 TO STA. 31+850.000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	28
STA. 31+850.000		TO STA. 32+200.000		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 76321		
SECTION 60-14	SECTION 60-14-1B			



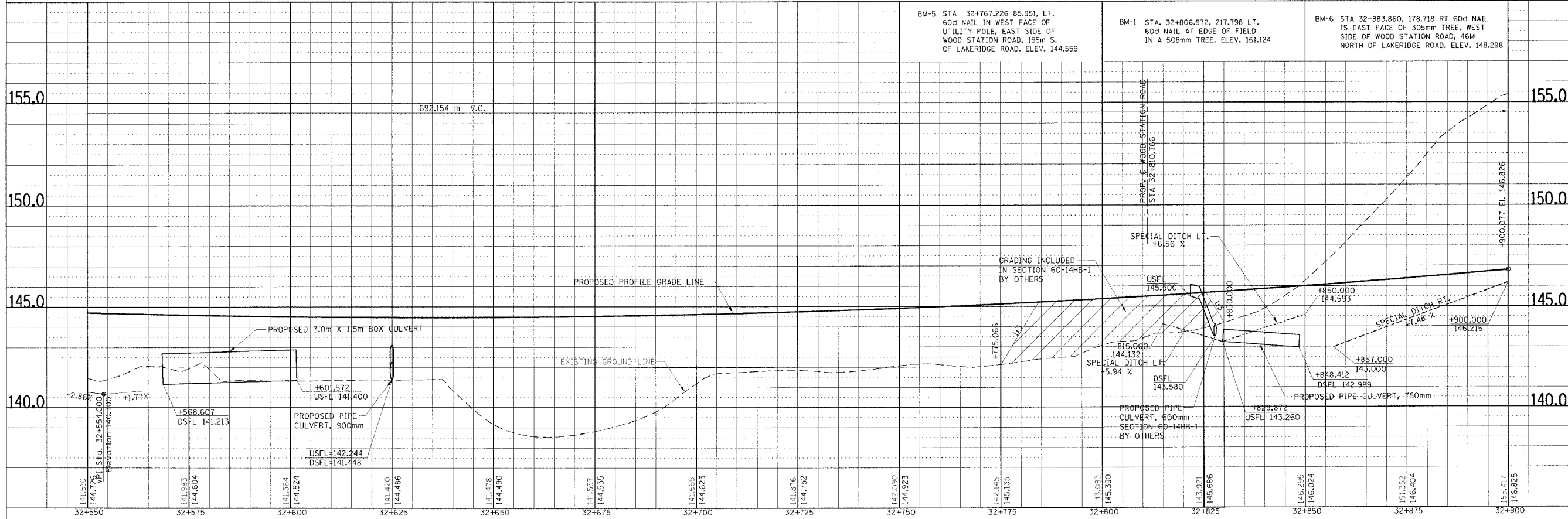
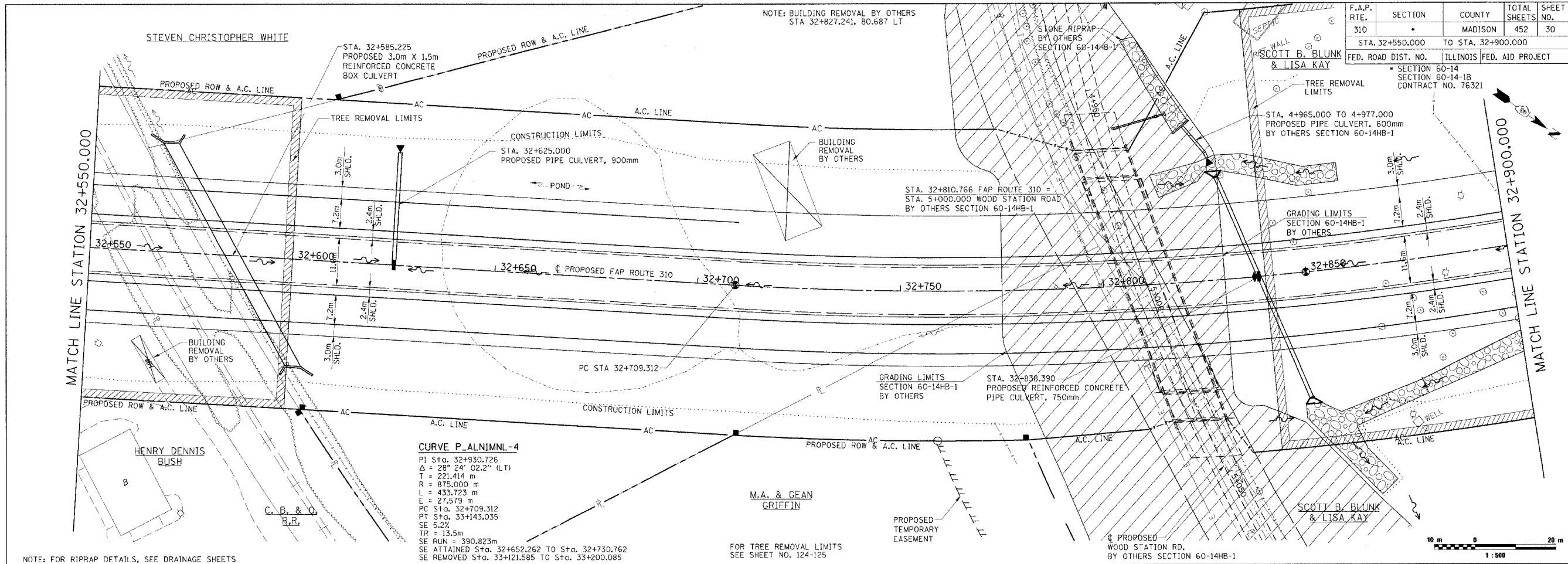
FINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK TEMPLATE		
AREAS CHECKED		
NO.		

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

PLAN & PROFILE, FAP ROUTE 310, STA. 31+850.000 TO STA. 32+200.000

BY	DATE
SURVEYED	
PLOTTED	
DATE	
NO.	

BY	DATE
SURVEYED	
PLOTTED	
DATE	
NO.	

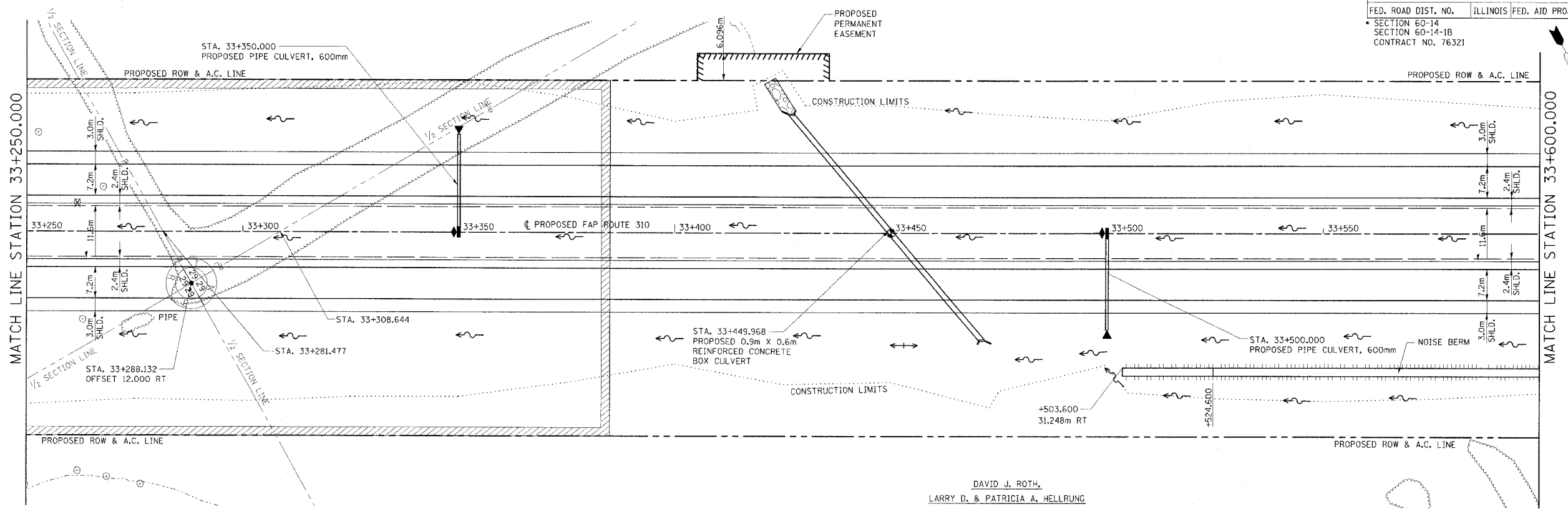


PLAN & PROFILE, FAP ROUTE 310, STA. 32+550.000 TO STA. 32+900.000

F.A.P. RIE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	30
STA. 32+550.000		TO STA. 32+900.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SECTION 60-14		SECTION 60-14-B		
CONTRACT NO. 76321				

DATE PLOTTED: 11/17/2009 09:21:23 AM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	32
STA. 33+250.000		TO STA. 33+600.000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
SECTION 60-14				
CONTRACT NO. 76321				

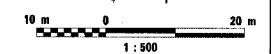


FINAL SURVEYED	BY	DATE
SURVEY PLOTTED		
NOTE BOOK TEMPLATE		
AREAS CHECKED		
NO.		

NOTE: FOR RIPRAP DETAILS, SEE DRAINAGE SHEETS

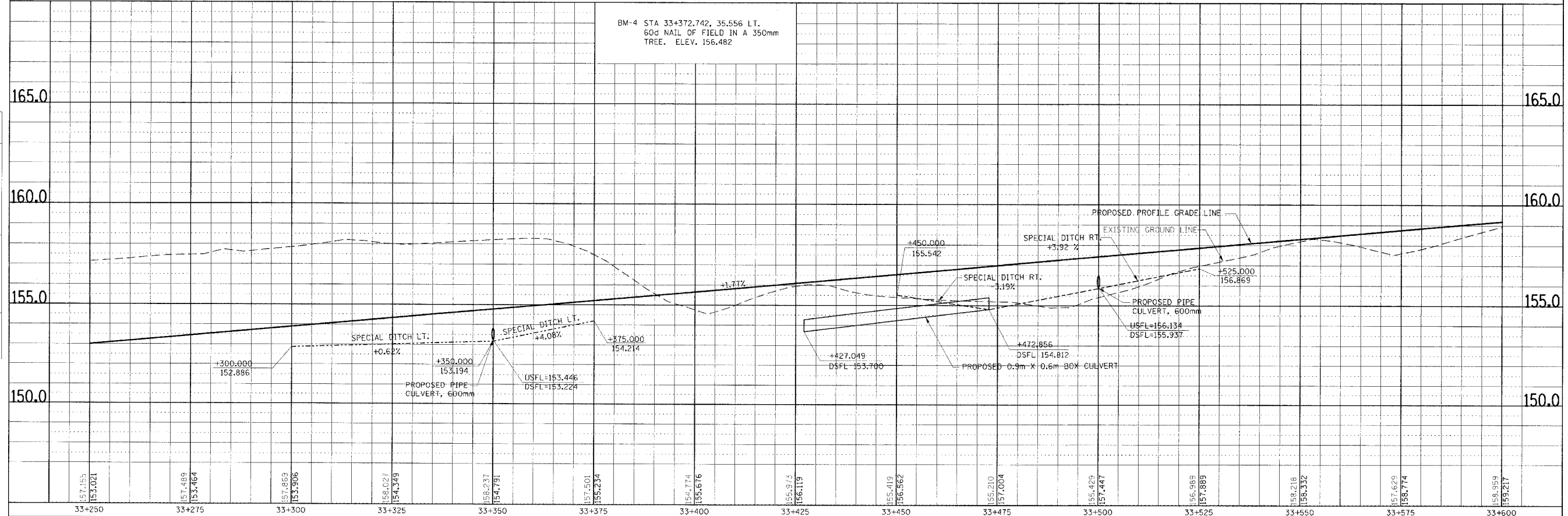
FOR TREE REMOVAL LIMITS SEE SHEET NO. 125

FOR TYPICAL NOISE BERM APPLICATION SEE SHEET 108



DAVID J. ROTH,
LARRY D. & PATRICIA A. HELLRUNG

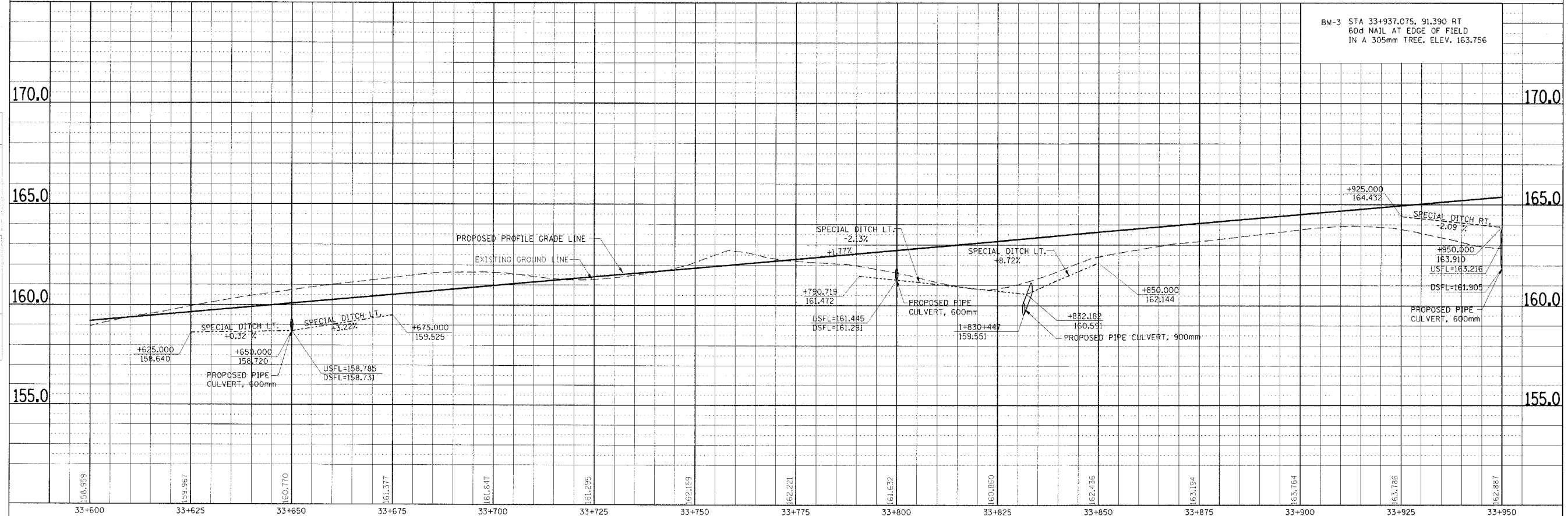
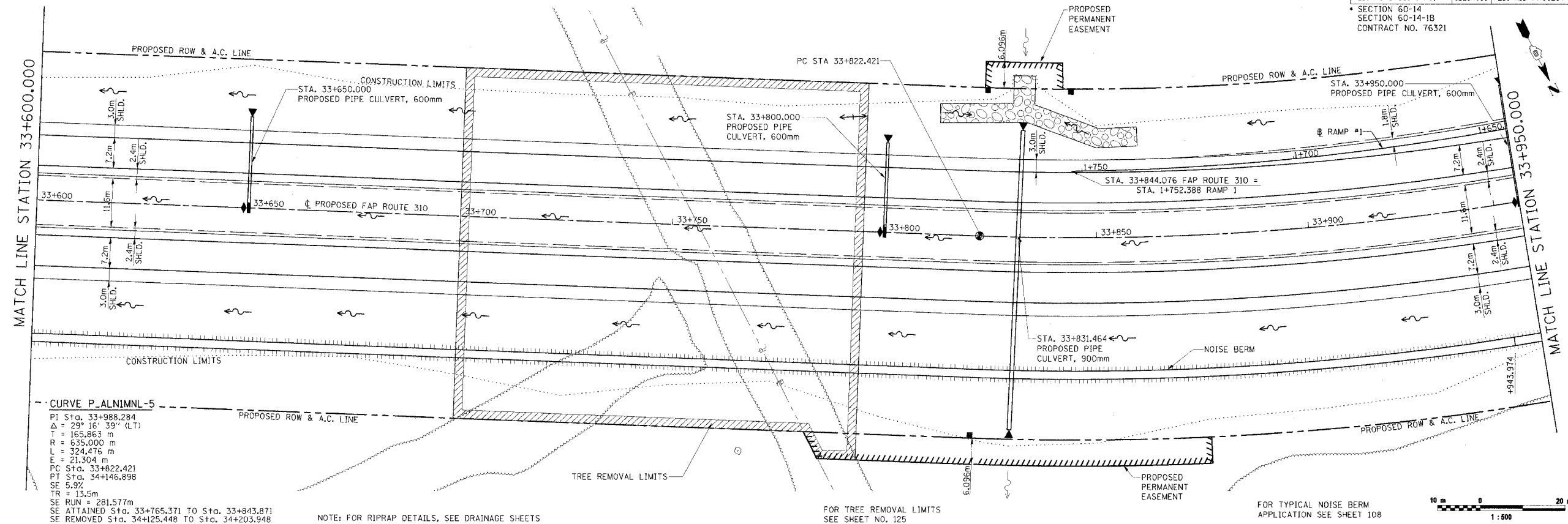
BM-4 STA 33+372.742, 35.556 LT.
60d NAIL OF FIELD IN A 350mm
TREE. ELEV. 156.482



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

PLAN & PROFILE, FAP ROUTE 310, STA. 33+250.000 TO STA. 33+600.000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	33
STA. 33+600.000		TO STA. 33+950.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SECTION 60-14		SECTION 60-14-1B		
CONTRACT NO. 76321				

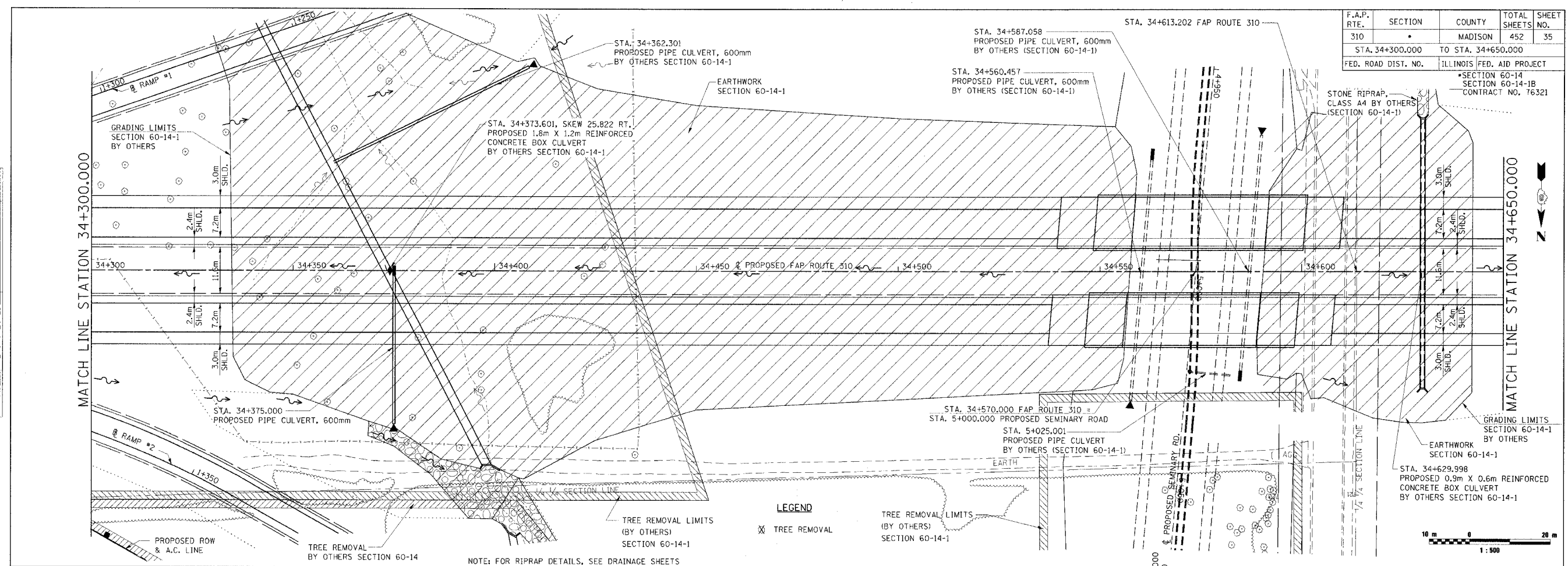


PLAN & PROFILE, FAP ROUTE 310, STA. 33+600.000 TO STA. 33+950.000

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

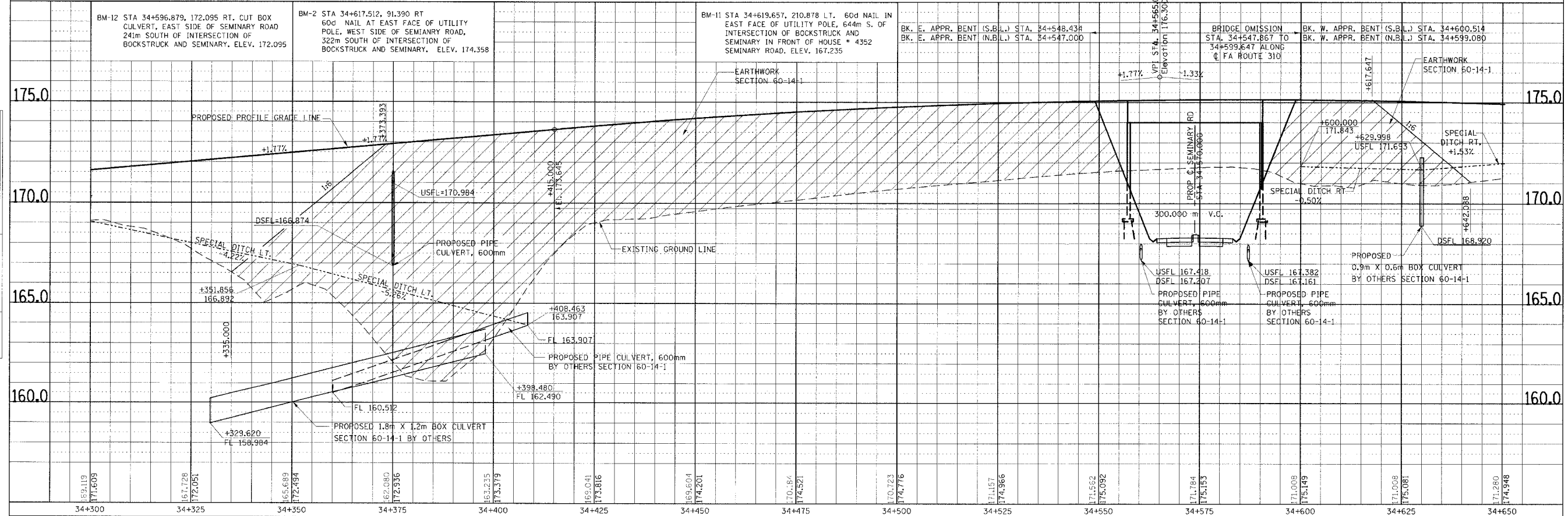
ORIGINAL SURVEYED	BY	DATE
SURVEY PLOTTED		
NOTE BOOK TEMPLATE		
AREAS CHECKED		
NO.		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	35
STA. 34+300.000		TO STA. 34+650.000		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
	SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321			



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

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

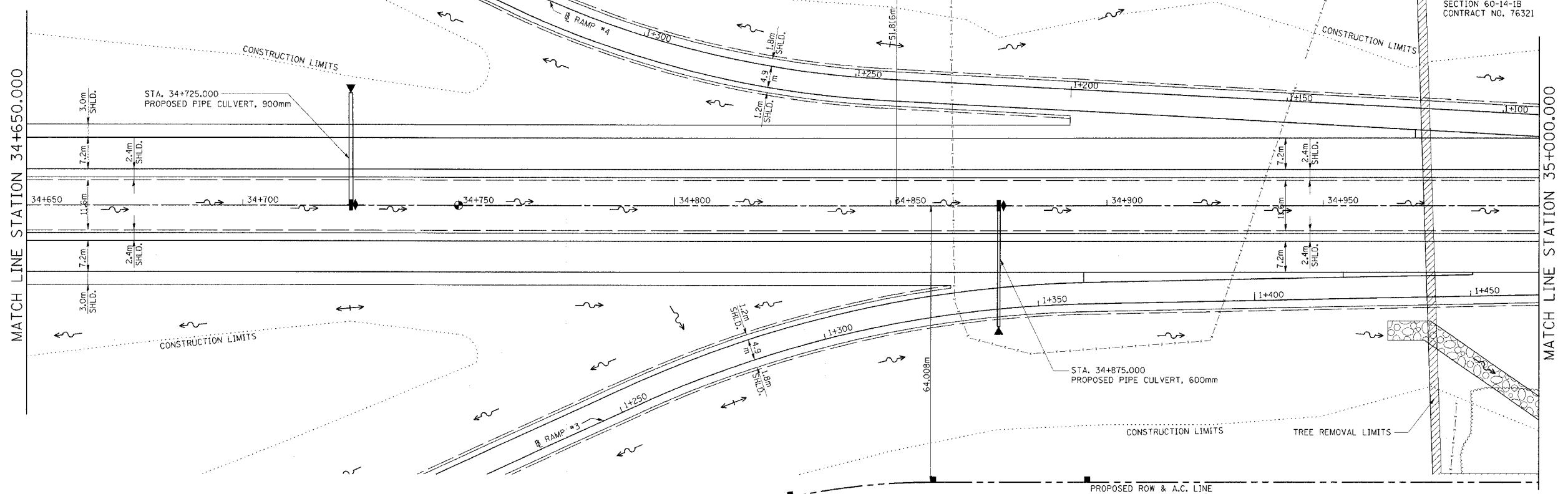


PLAN & PROFILE, FAP ROUTE 310, STA. 34+300.000 TO STA. 34+650.000

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	*	MADISON	452	36
STA. 34+650.000		TO STA. 35+000.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321		

COBY E. MAXEINER

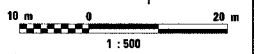
PROPOSED ROW & A.C. LINE



NOTE: FOR RIPRAP DETAILS, SEE DRAINAGE SHEETS

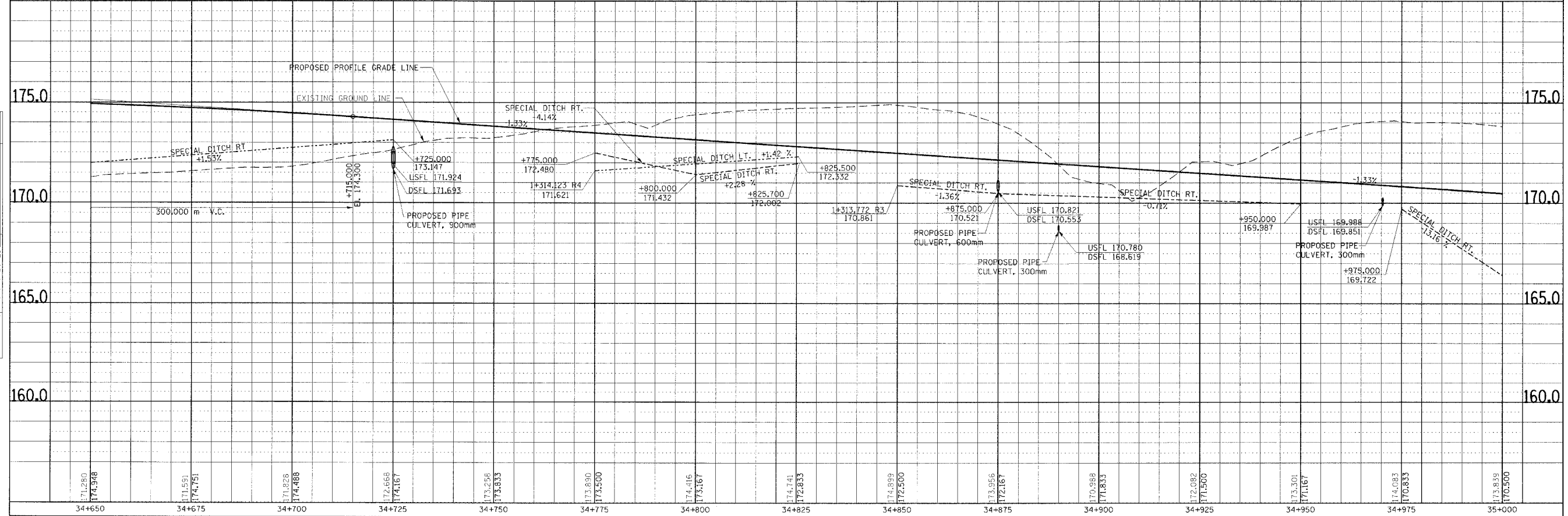
FOR TREE REMOVAL LIMITS
SEE SHEET NO. 125

REX R. & ALLA MAXEINER



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

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



PLAN & PROFILE, FAP 310, STA. 34+650.000 TO STA. 35+000.000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	37
STA. 35+000.000		TO STA. 35+350.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SECTION 60-14		SECTION 60-14-1B		
CONTRACT NO. 76321				

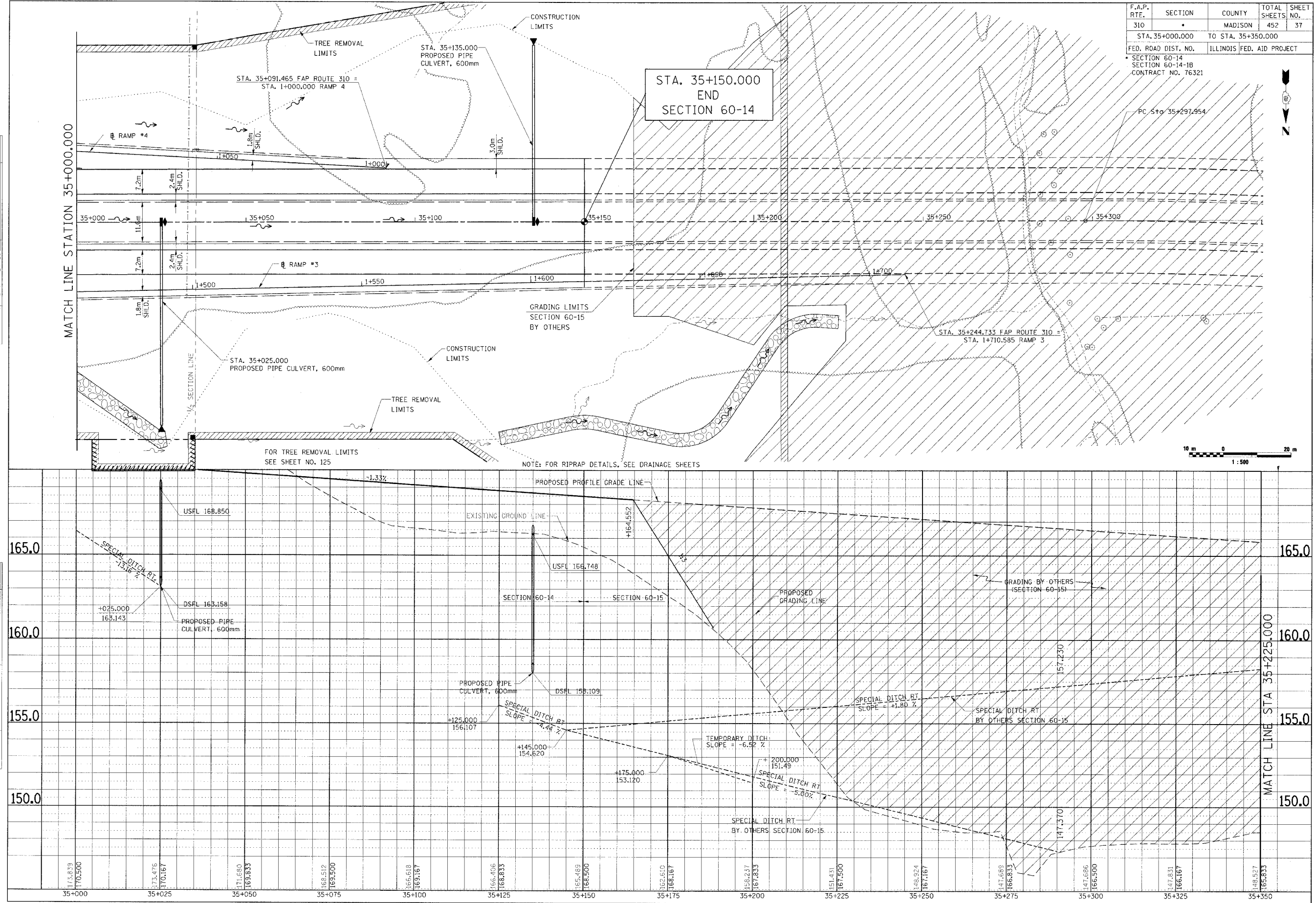
MATCH LINE STATION 35+000.000

STA. 35+150.000
END
SECTION 60-14



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

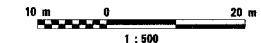
ORIGINAL SURVEYED	BY	DATE
SURVEY PLOTTED		
NOTE BOOK TEMPLATE		
AREAS CHECKED		
NO.		



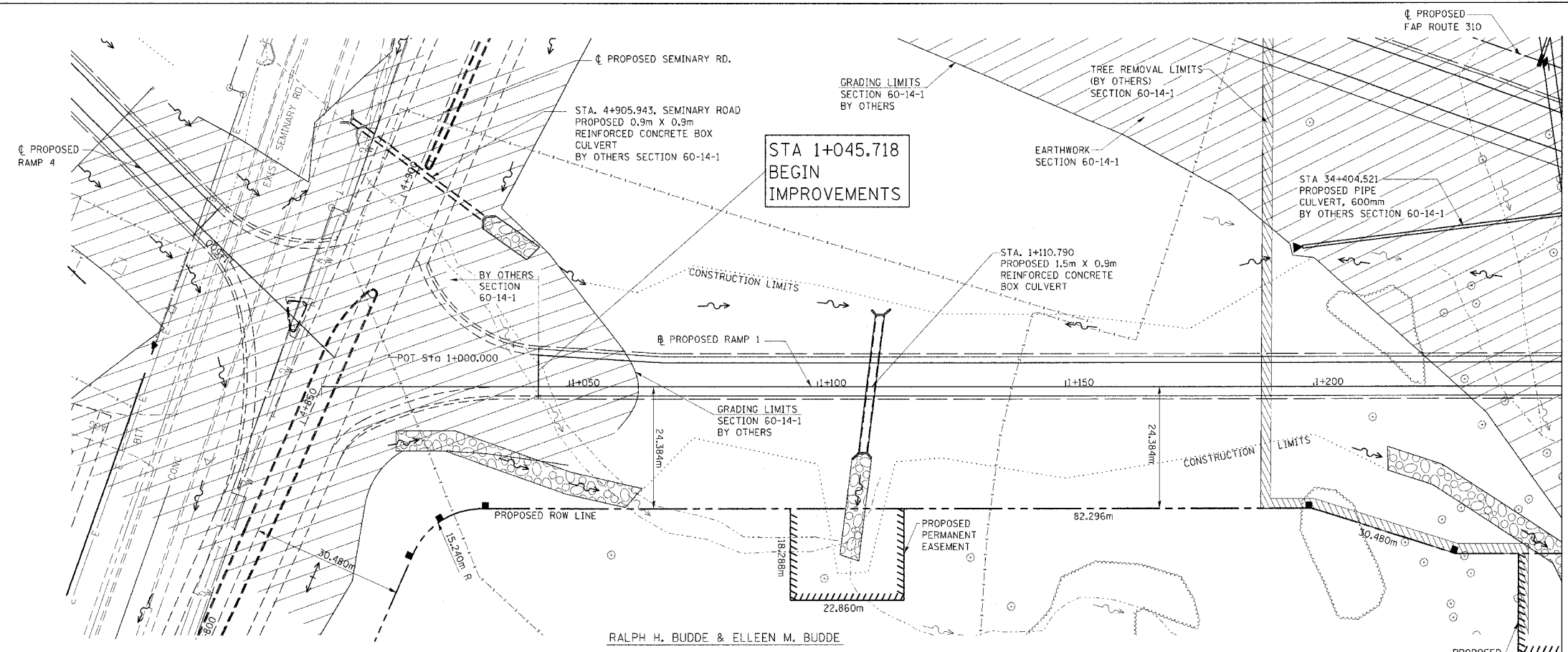
PLAN & PROFILE, FAP ROUTE 310, STA. 35+000.000 TO STA. 35+350.000

C:\Users\p310\OneDrive\Documents\76321\76321.dwg

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	*	MADISON	452	38
STA. 1+000.000		TO STA. 1+250.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SECTION 60-14		SECTION 60-14-1B		
CONTRACT NO. 76321				



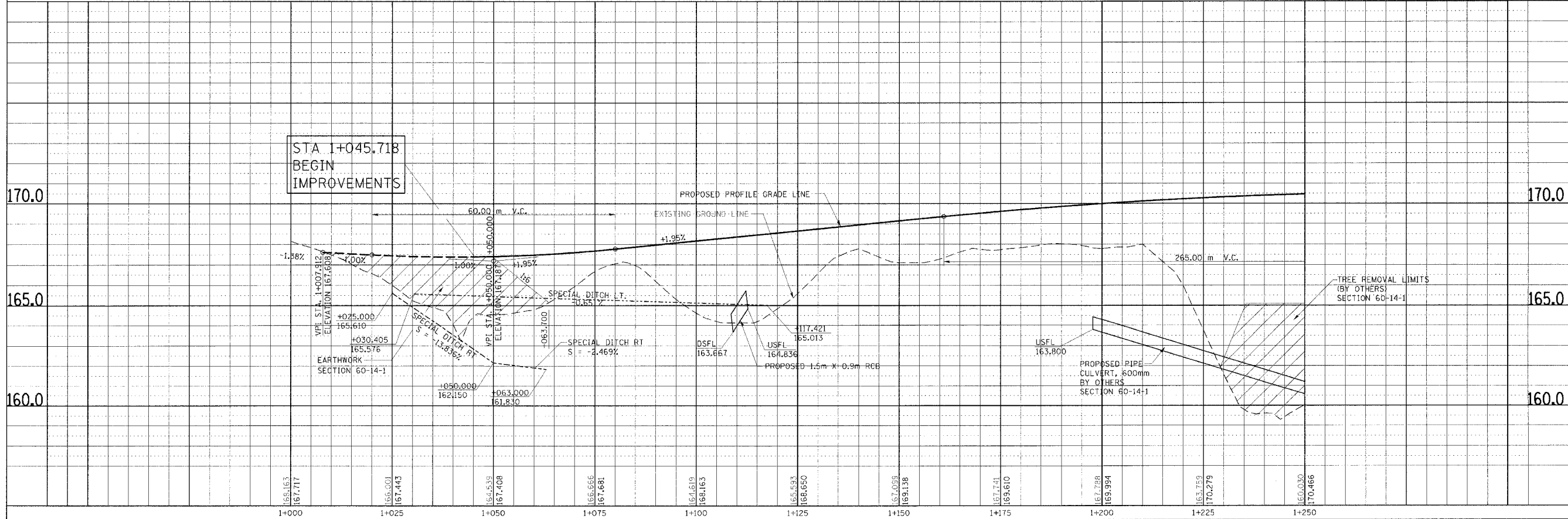
BY	DATE
SURVEYED	
FLIPPED	
NO. OF	
AREAS CHECKED	



NOTE: FOR RIPRAP DETAILS, SEE DRAINAGE SHEETS

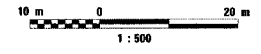
FOR TREE REMOVAL LIMITS SEE SHEET NO. 125

BY	DATE
ORIGINAL SURVEY	
FLIPPED	
NO. OF	
AREAS CHECKED	



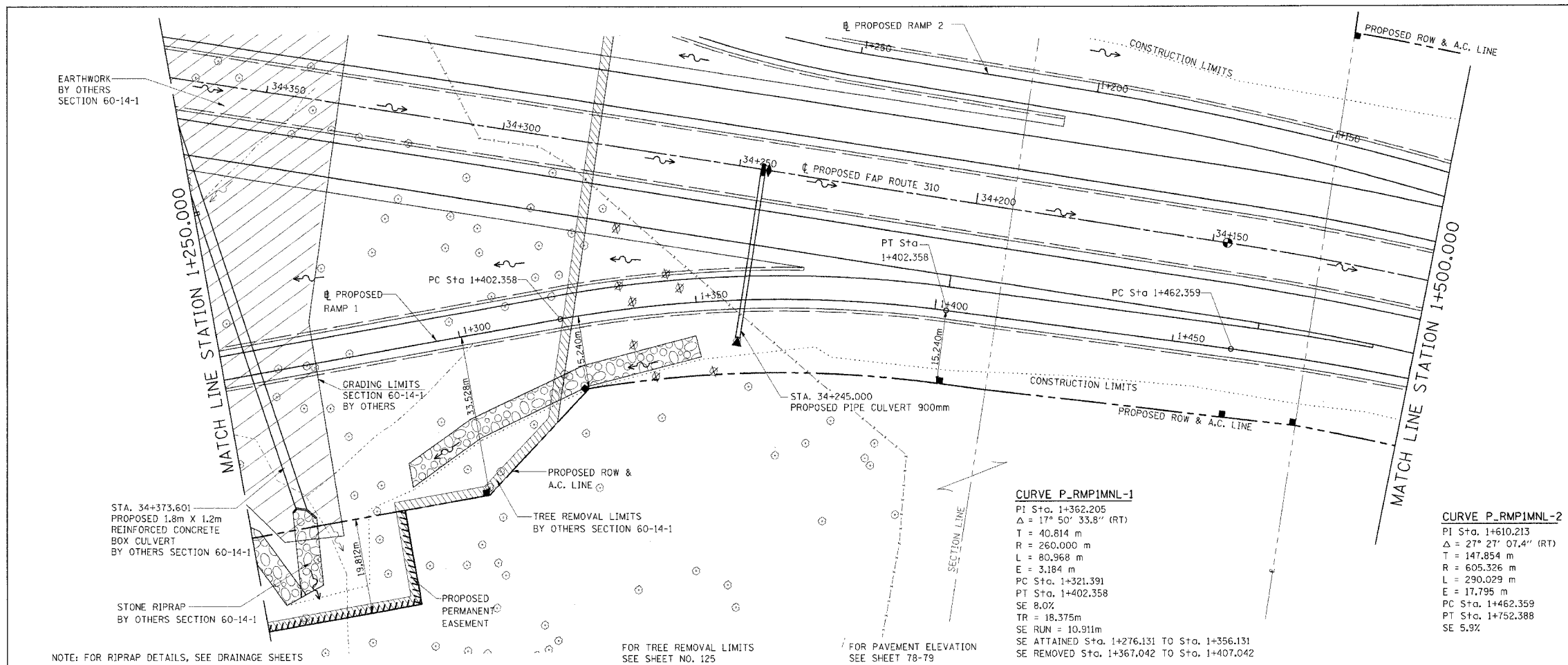
PLAN & PROFILE, RAMP 1, STA. 1+000.000 TO STA. 1+250.000

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	39
STA. 1+250.000		TO STA. 1+500.000		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT
SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321				



FINAL SURVEY	BY	DATE
NO.		
NO.		
NO.		

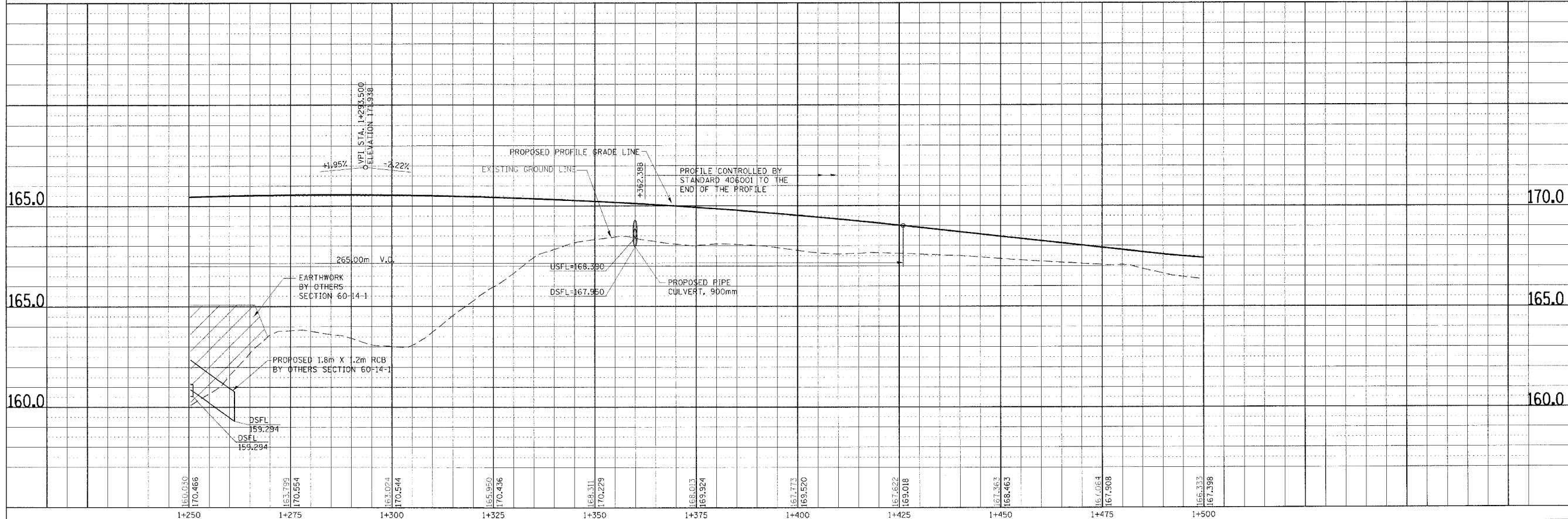
ORIGINAL SURVEY	BY	DATE
NO.		
NO.		
NO.		



CURVE P_RMP1MNL-1
 PI Sta. 1+362.205
 $\Delta = 17^\circ 50' 33.8''$ (RT)
 T = 40.814 m
 R = 260.000 m
 L = 80.968 m
 E = 3.184 m
 PC Sta. 1+321.391
 PT Sta. 1+402.358
 SE 8.0%
 TR = 18.375 m
 SE RUN = 10.911 m
 SE ATTAINED Sta. 1+276.131 TO Sta. 1+356.131
 SE REMOVED Sta. 1+367.042 TO Sta. 1+407.042

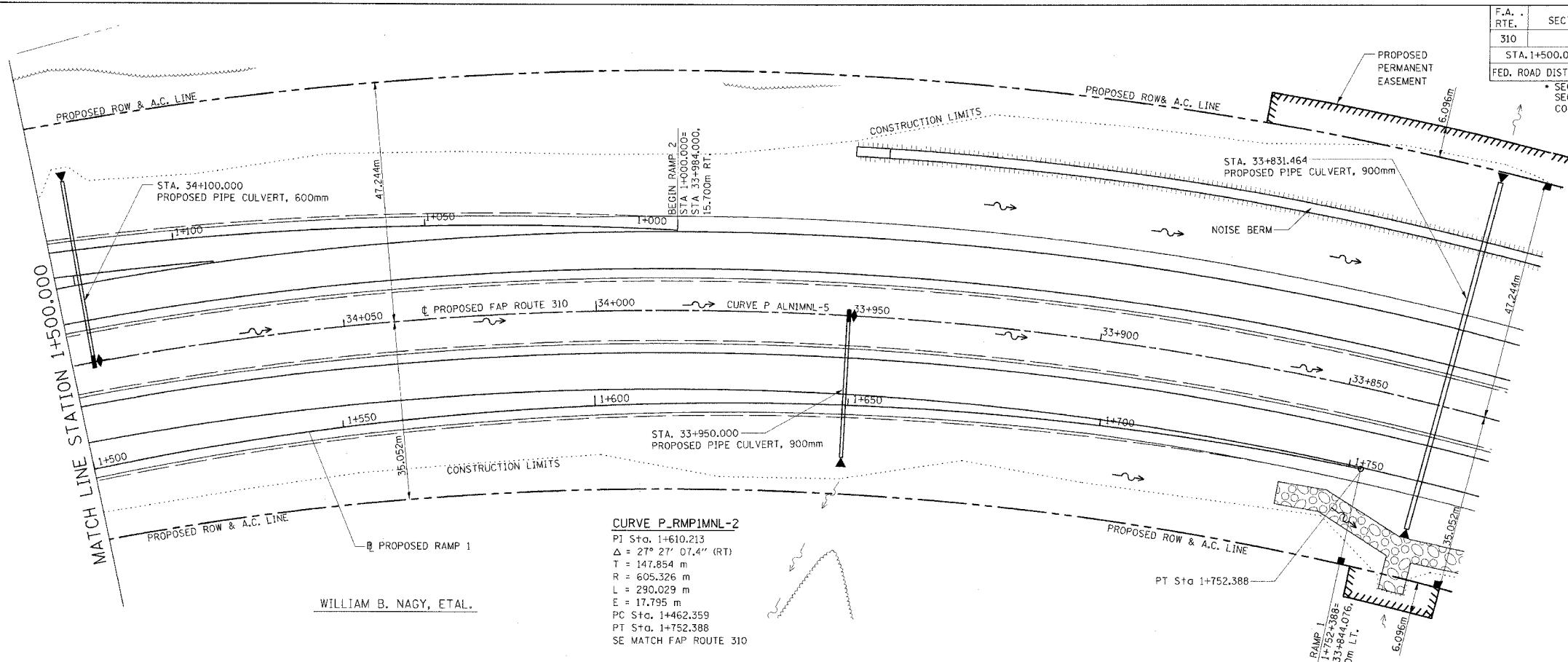
CURVE P_RMP1MNL-2
 PI Sta. 1+610.213
 $\Delta = 27^\circ 27' 07.4''$ (RT)
 T = 147.854 m
 R = 605.326 m
 L = 290.029 m
 E = 17.795 m
 PC Sta. 1+462.359
 PT Sta. 1+752.388
 SE 5.9%

NOTE: FOR RIPRAP DETAILS, SEE DRAINAGE SHEETS
 FOR TREE REMOVAL LIMITS SEE SHEET NO. 125
 FOR PAVEMENT ELEVATION SEE SHEET 78-79



PLAN & PROFILE, RAMP 1, STA. 1+250.000 TO STA. 1+500.000

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	40
STA. 1+500.000		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321				



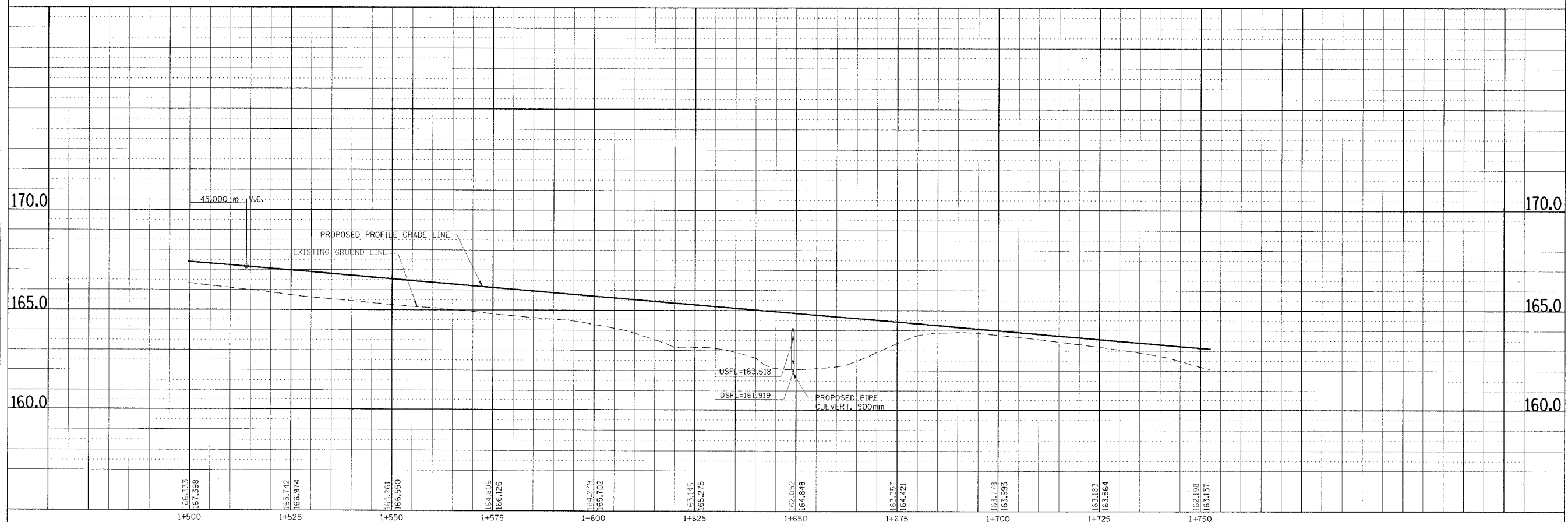
NOTE: FOR RIPRAP DETAILS, SEE DRAINAGE SHEETS

FOR PAVEMENT ELEVATION
SEE SHEET 78-79



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

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



PLAN & PROFILE, RAMP 1, STA. 1+500.000 TO STA. 1+750.000

2025/06/17 10:30 AM 1:500 75/88 10

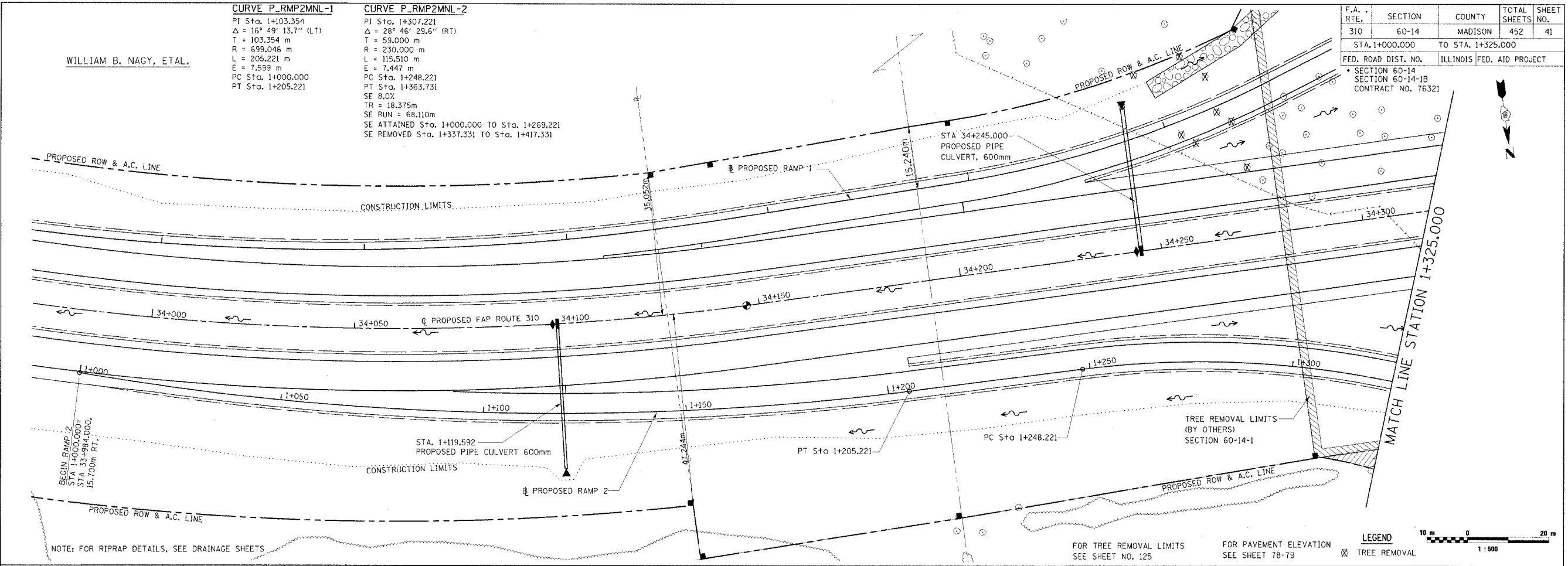
WILLIAM B. NAGY, ETAL.

CURVE P_RMP2MNL-1
 PI Sta. 1+103.354
 $\Delta = 16^\circ 49' 13.7''$ (LT)
 T = 103.354 m
 R = 699.046 m
 L = 205.221 m
 E = 7.599 m
 PC Sta. 1+000.000
 PT Sta. 1+205.221

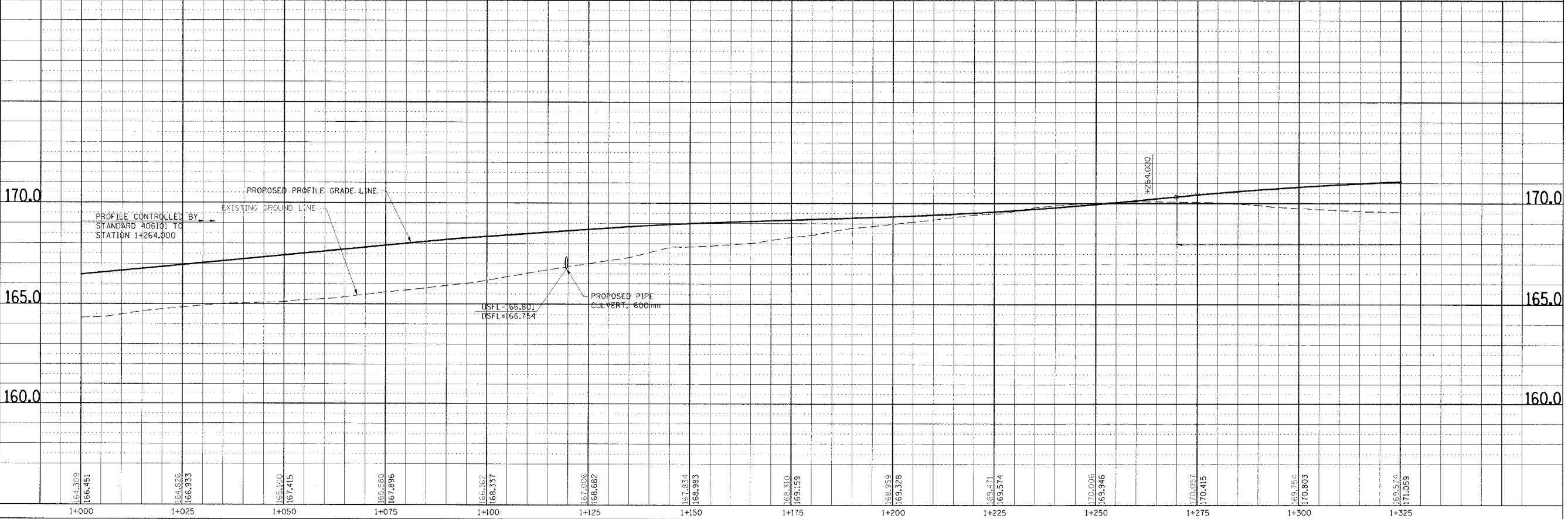
CURVE P_RMP2MNL-2
 PI Sta. 1+307.221
 $\Delta = 28^\circ 46' 29.6''$ (RT)
 T = 59.000 m
 R = 230.000 m
 L = 115.510 m
 E = 7.447 m
 PC Sta. 1+248.221
 PT Sta. 1+363.731
 SE 8.0%
 TR = 18.375m
 SE RUN = 68.110m
 SE ATTAINED Sta. 1+000.000 TO Sta. 1+269.221
 SE REMOVED Sta. 1+337.331 TO Sta. 1+417.331

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	60-14	MADISON	452	41
STA. 1+000.000		TO STA. 1+325.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SECTION 60-14		SECTION 60-14-1B		
		CONTRACT NO. 76321		

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

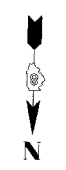


ORIGINAL SURVEY	BY	DATE
SURVEY PLOTTED		
NOTE BOOK TEMPLATE		
AREAS CHECKED		
NO.		

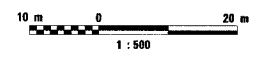


PLAN & PROFILE, RAMP 2, STA. 1+000.000 TO STA. 1+325.000

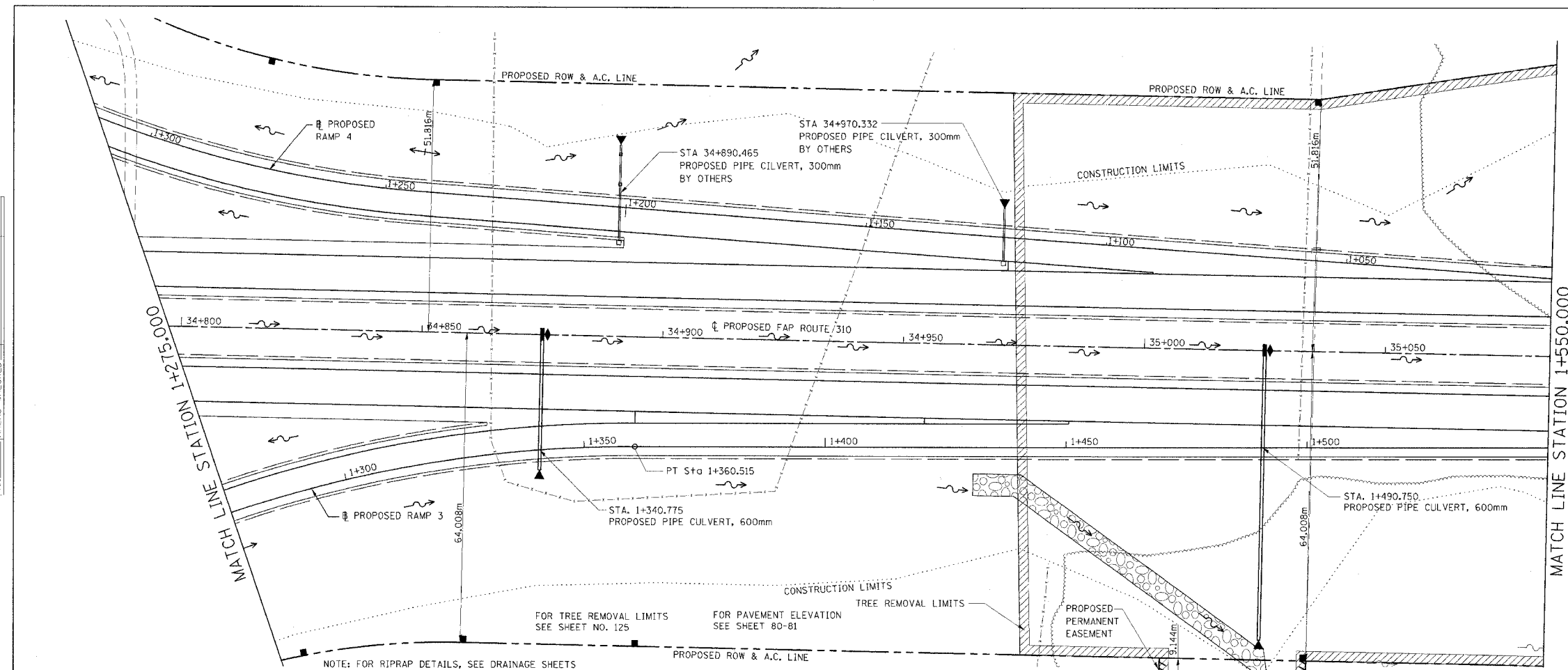
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	44
STA. 1+275.000 TO STA. 1+550.000				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
SECTION 60-14				
SECTION 60-14-1B				
CONTRACT NO. 76321				



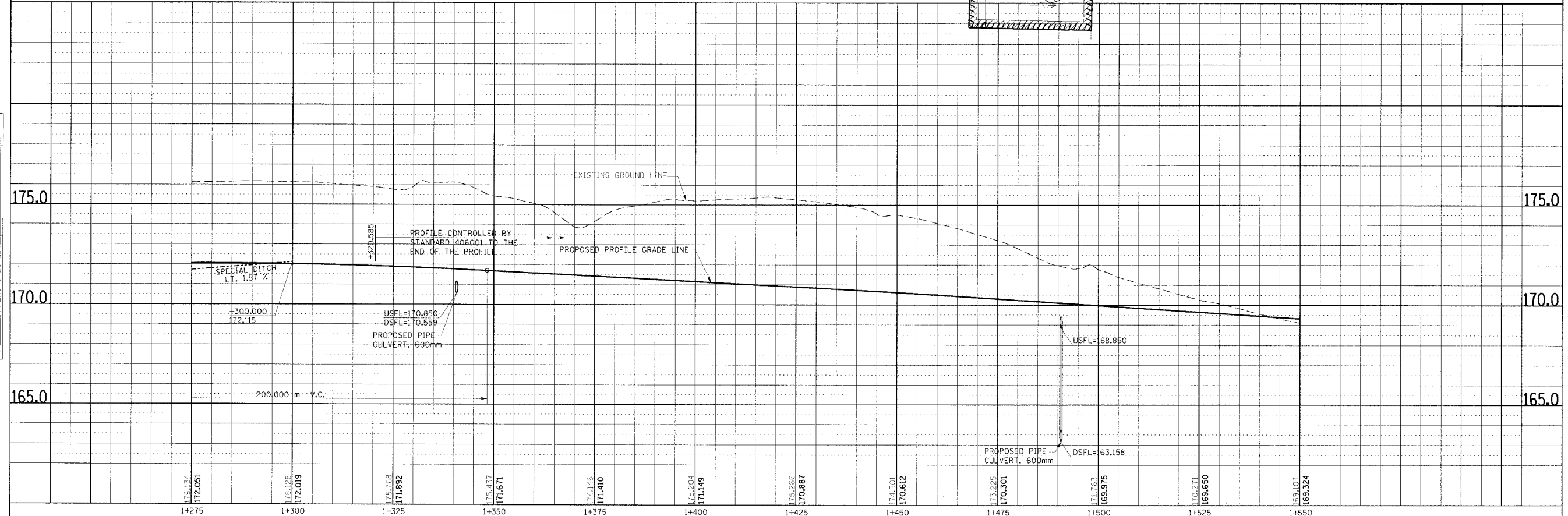
CURVE P-RMP3MNL-1
 PI Sta. 1+308.272
 $\Delta = 23^\circ 21' 15.2''$ (RT)
 T = 53.735 m
 R = 260.000 m
 L = 105.978 m
 E = 5.495 m
 PC Sta. 1+254.537
 PT Sta. 1+360.515
 SE 3.0%
 TR = 18.375m
 SE RUN = 39.578m
 SE ATTAINED Sta. 1+200.937 TO Sta. 1+280.937
 SE REMOVED Sta. 1+320.515 TO Sta. 1+400.515



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

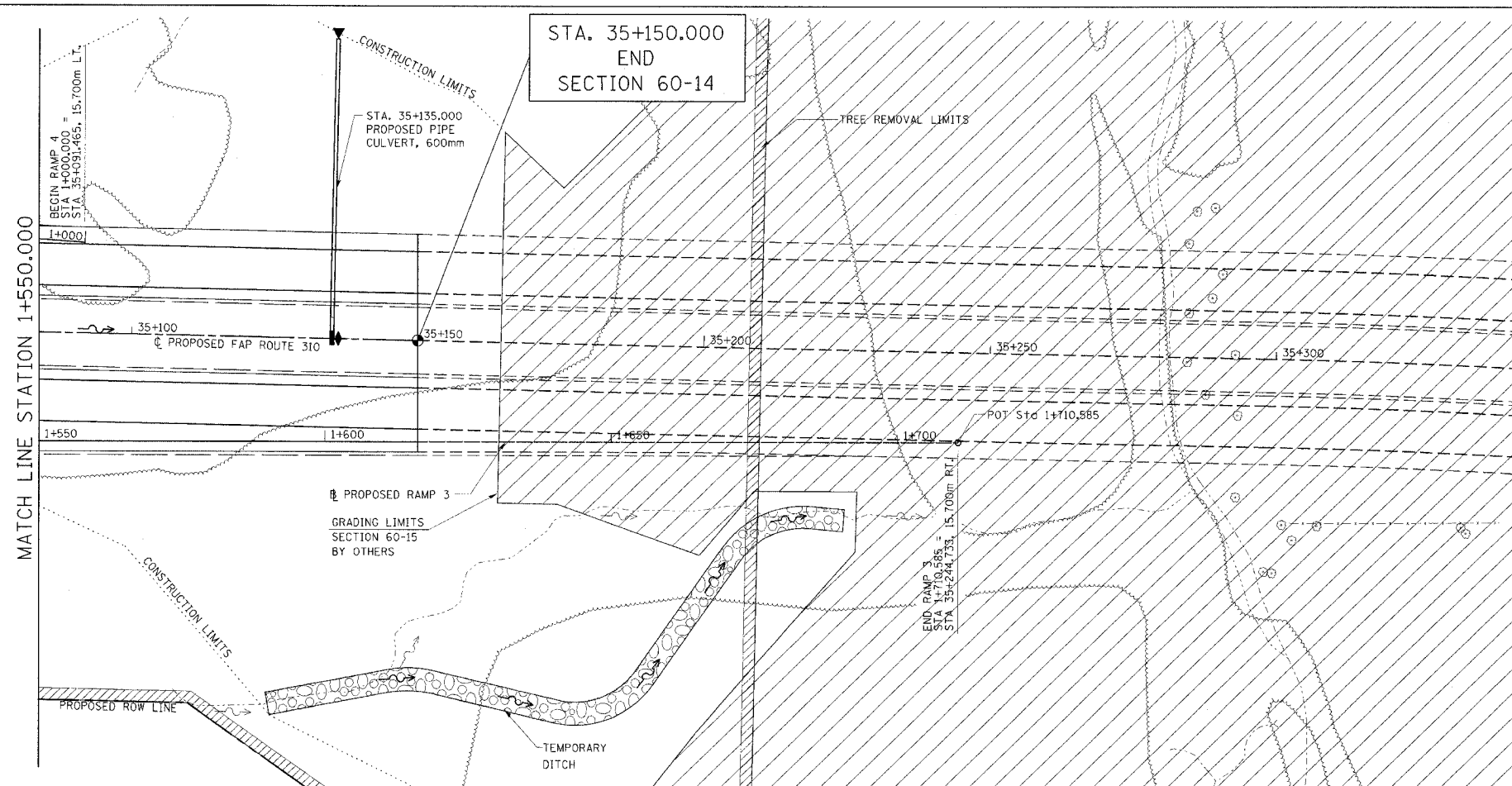
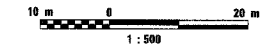


ORIGINAL SURVEYED	BY	DATE
SURVEY PLOTTED		
NOTE BOOK TEMPLATE		
AREAS CHECKED		
NO.		

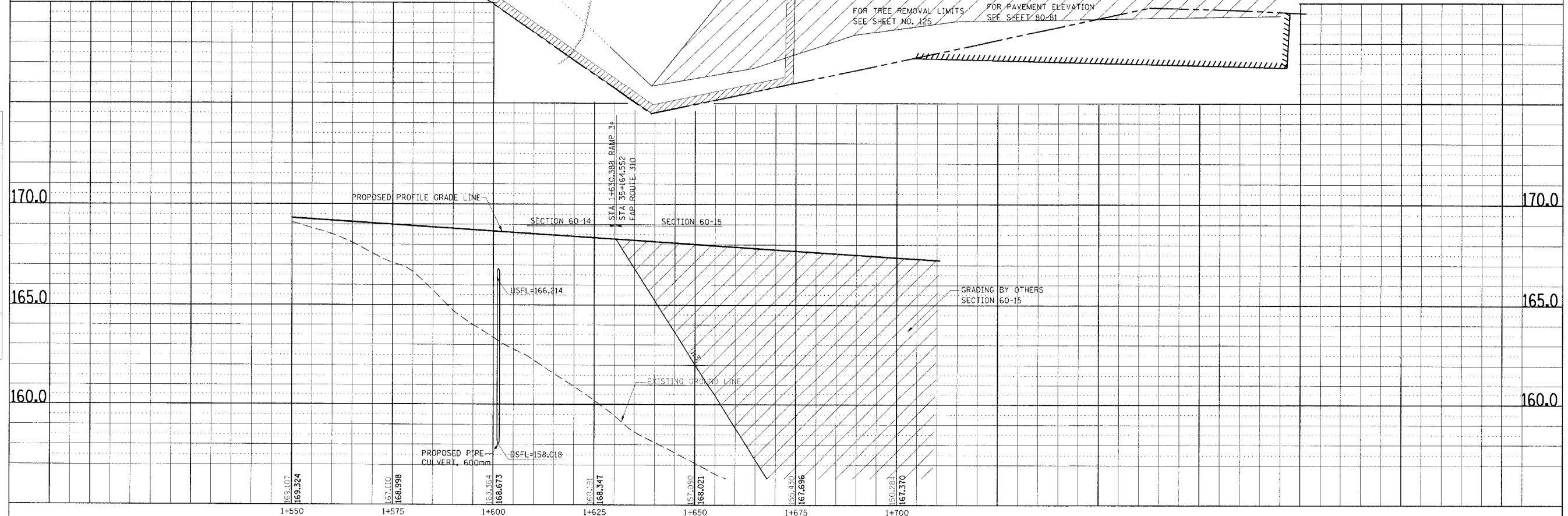


PLAN & PROFILE, RAMP 3, STA. 1+275.000 TO STA. 1+550.000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	45
STA. 1+550.000		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
SECTION 60-14		SECTION 60-14-1B		
		CONTRACT NO. 76321		



NOTE: FOR RIPRAP DETAILS, SEE DRAINAGE SHEETS



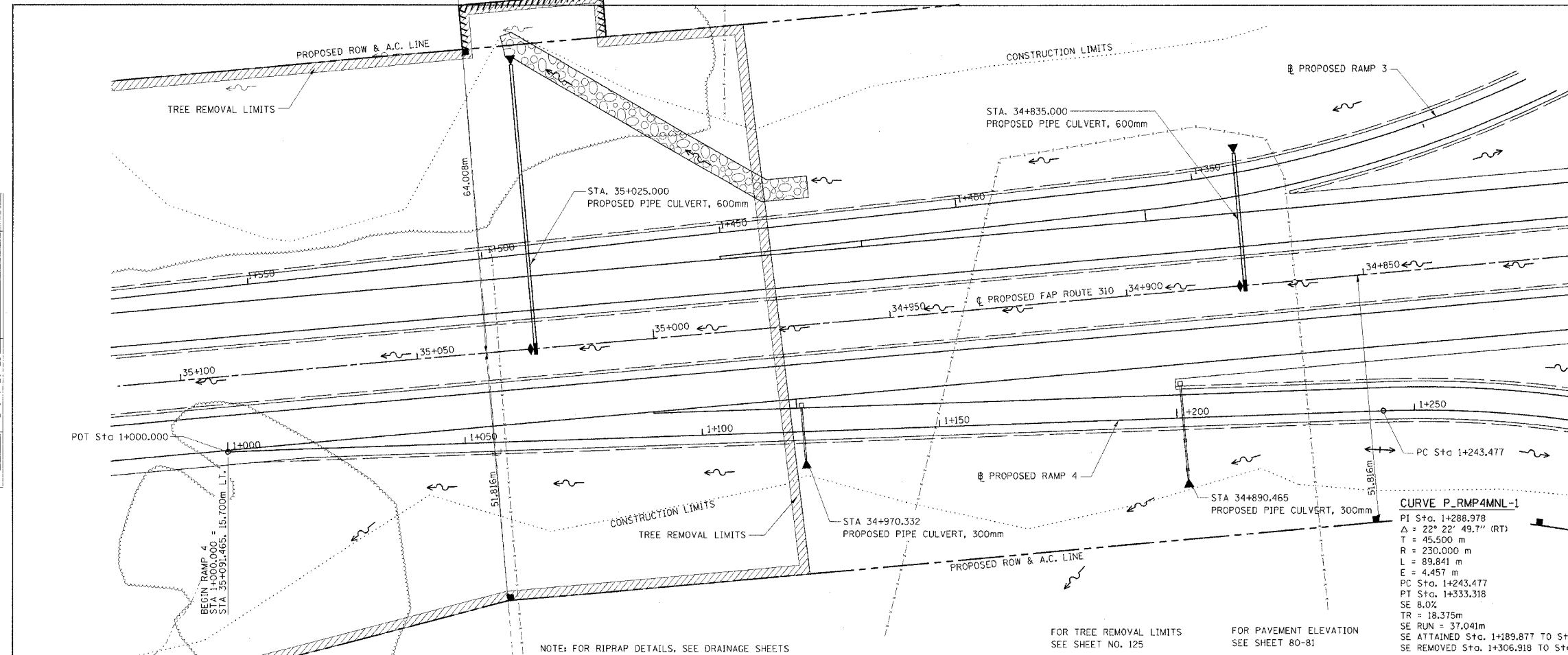
PLAN & PROFILE, RAMP 3, STA. 1+550.000 TO STA. 1+700.000

NO.	AREAS CHECKED	DATE	BY

NO.	AREAS CHECKED	DATE	BY

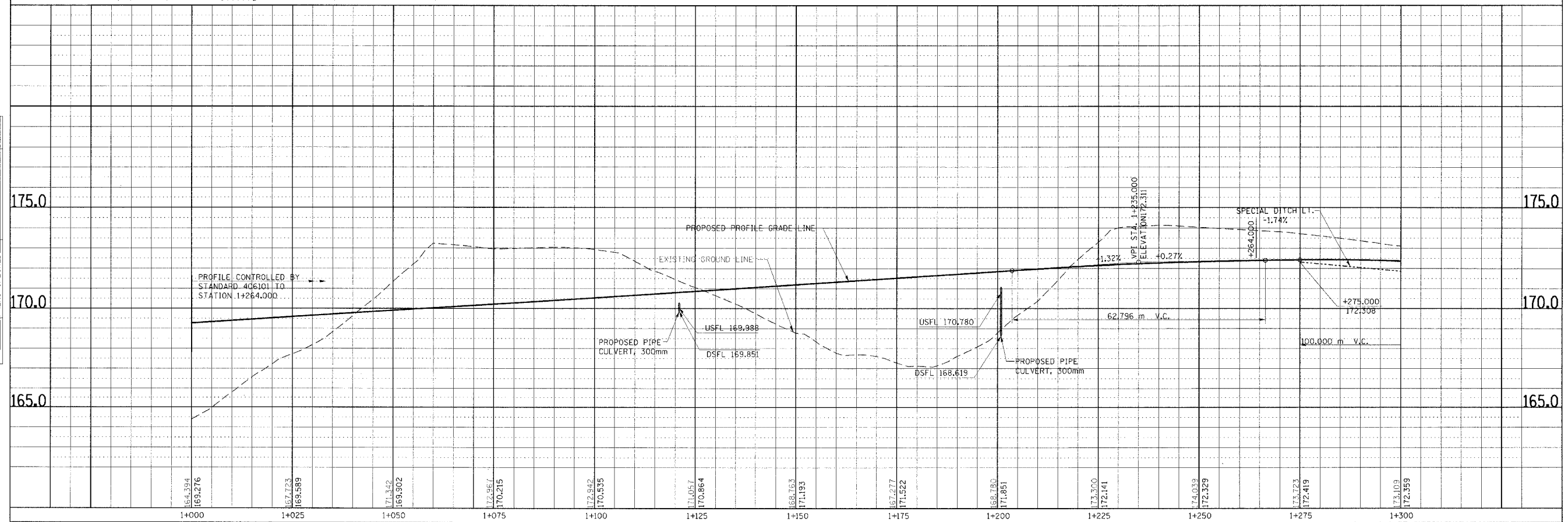
DATE PLOTTED: 11/11/03

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	*	MADISON	452	46
STA. 1+000.000		TO STA. 1+300.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SECTION 60-14		SECTION 60-14-B		
CONTRACT NO. 76321				



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

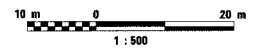
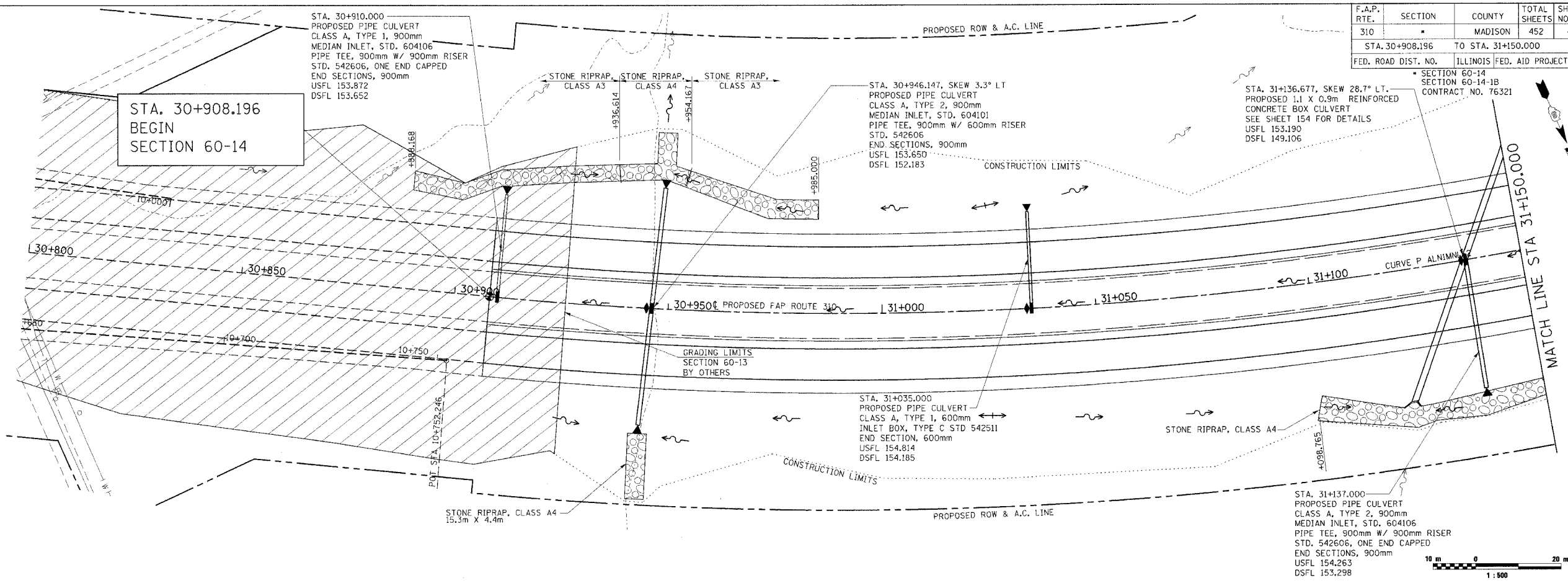
ORIGINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK TEMPLATE		
AREAS CHECKED		
NO.		



PLAN & PROFILE, RAMP 4, STA. 1+000.000 TO STA. 1+300.000

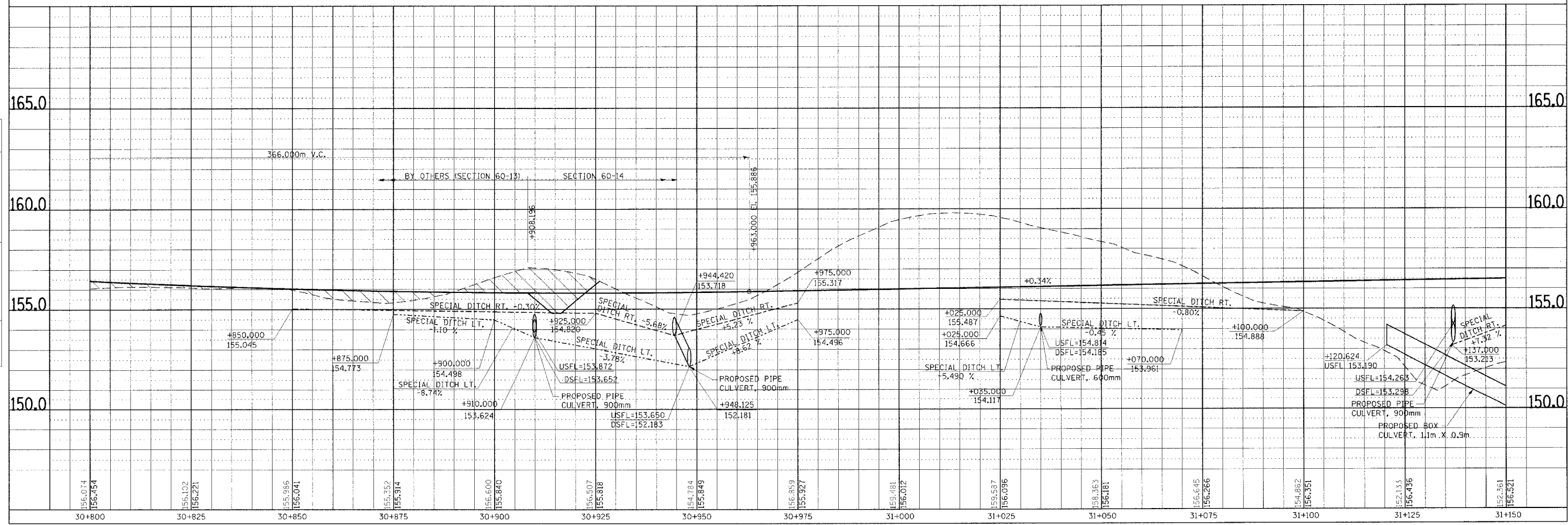
DATE PLOTTED: 11/14/2014

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	48
STA. 30+908.196 TO STA. 31+150.000				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



BY	DATE

BY	DATE



DRAINAGE PLAN & PROFILE, FAP ROUTE 310, STA. 30+800.00 TO STA. 31+150.000

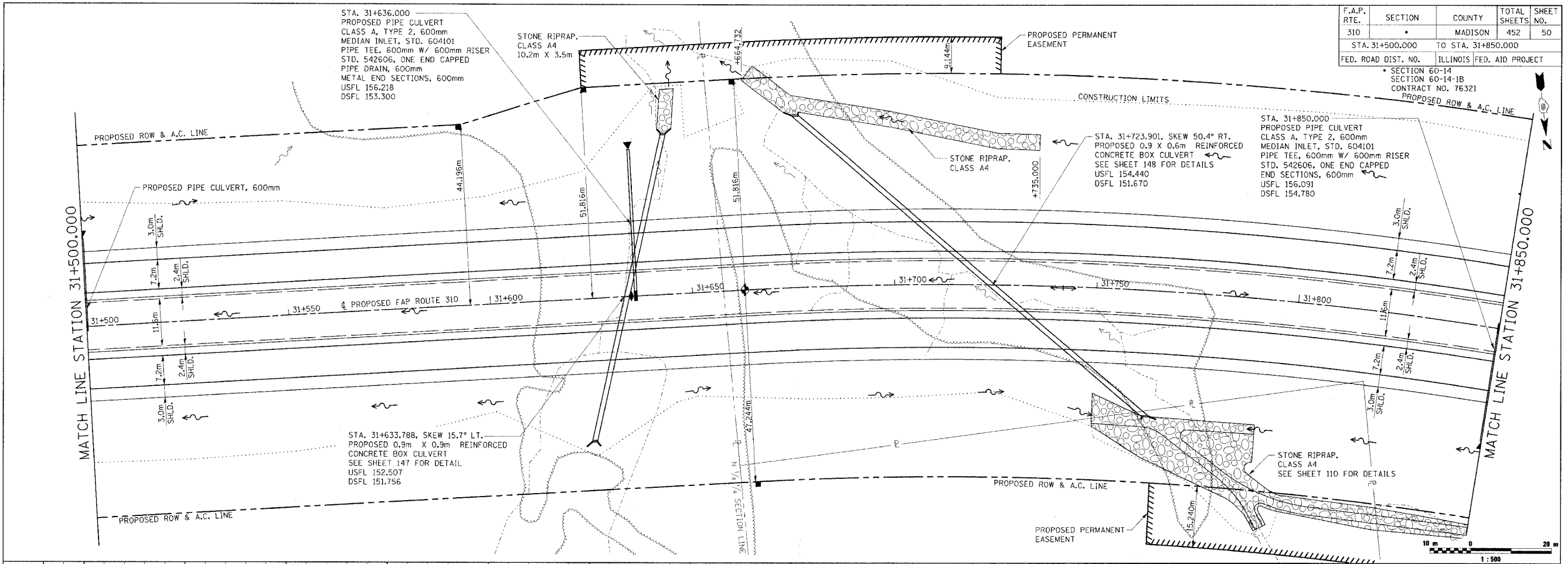
1:500
 10 m
 0
 20 m
 1:500

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	50
STA. 31+500.000		TO STA. 31+850.000		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321				

DATE	BY

FINAL SURVEYED PLOTTED	DATE

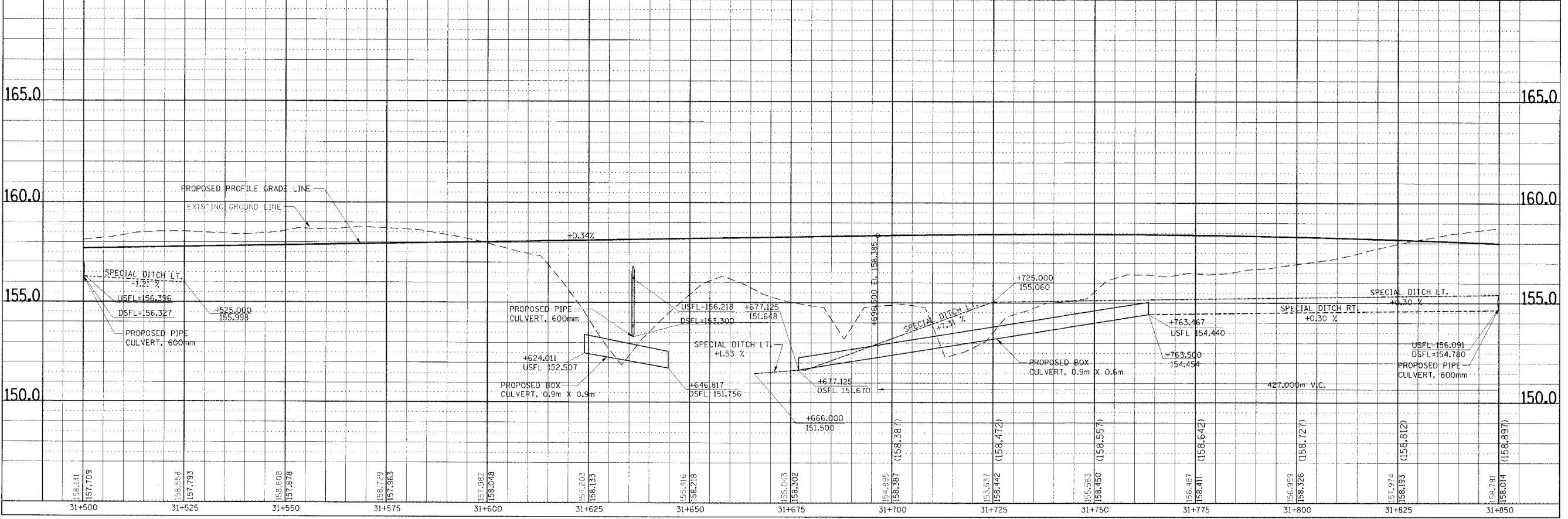
NO.	AREAS CHECKED



DATE	BY

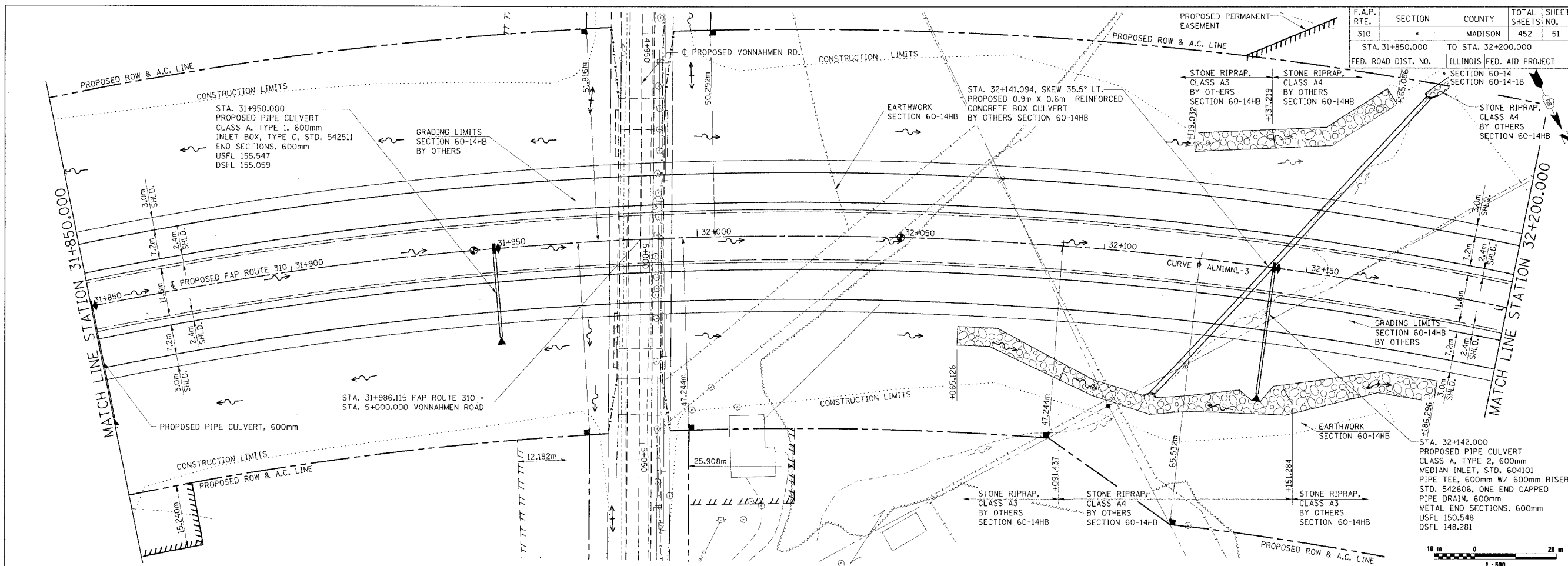
ORIGINAL SURVEYED PLOTTED	DATE

NO.	AREAS CHECKED

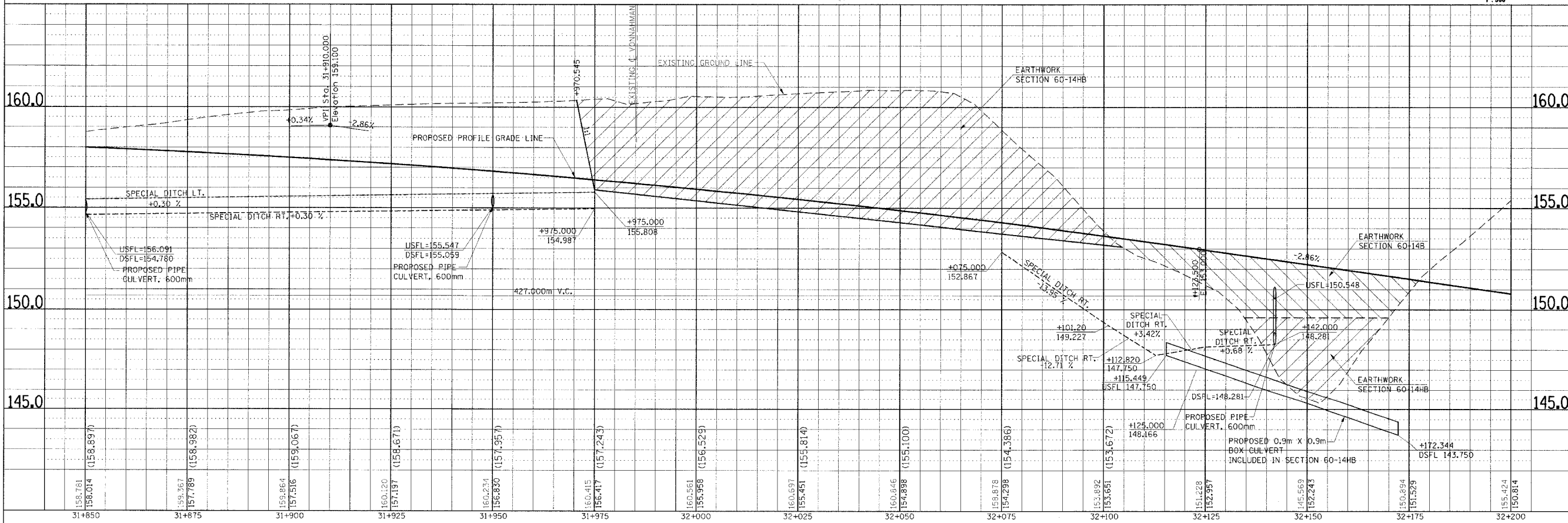


DRAINAGE PLAN & PROFILE, FAP ROUTE 310, STA. 31+500.000 TO STA. 31+850.000

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

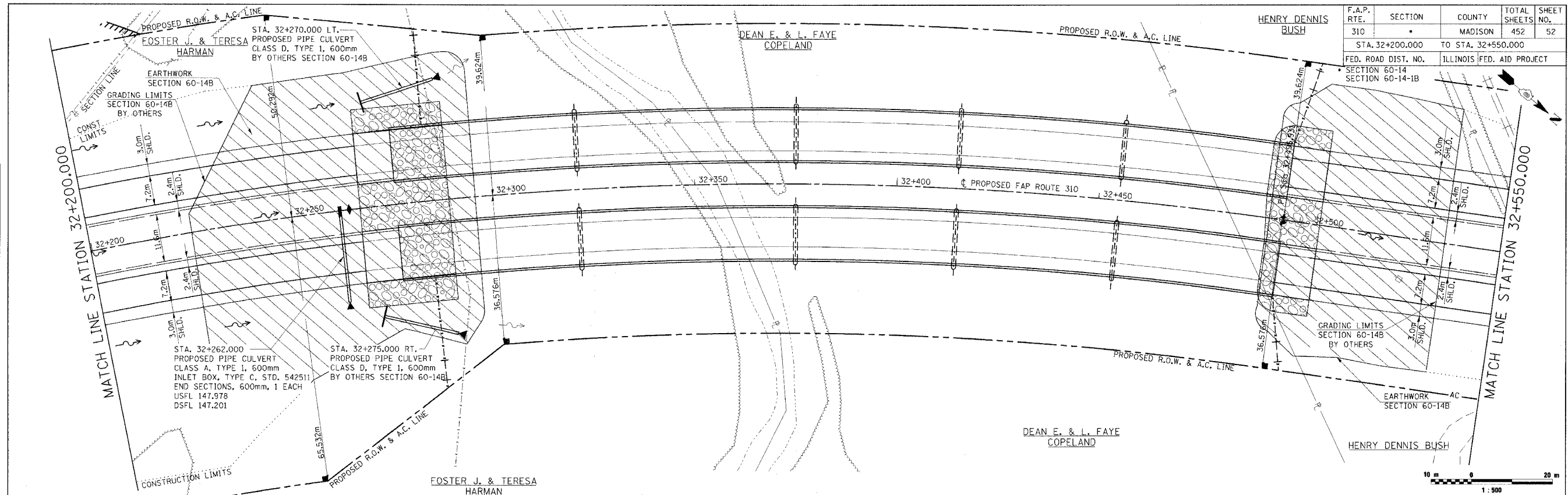


ORIGINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK TEMPLATE		
AREAS CHECKED		
NO.		



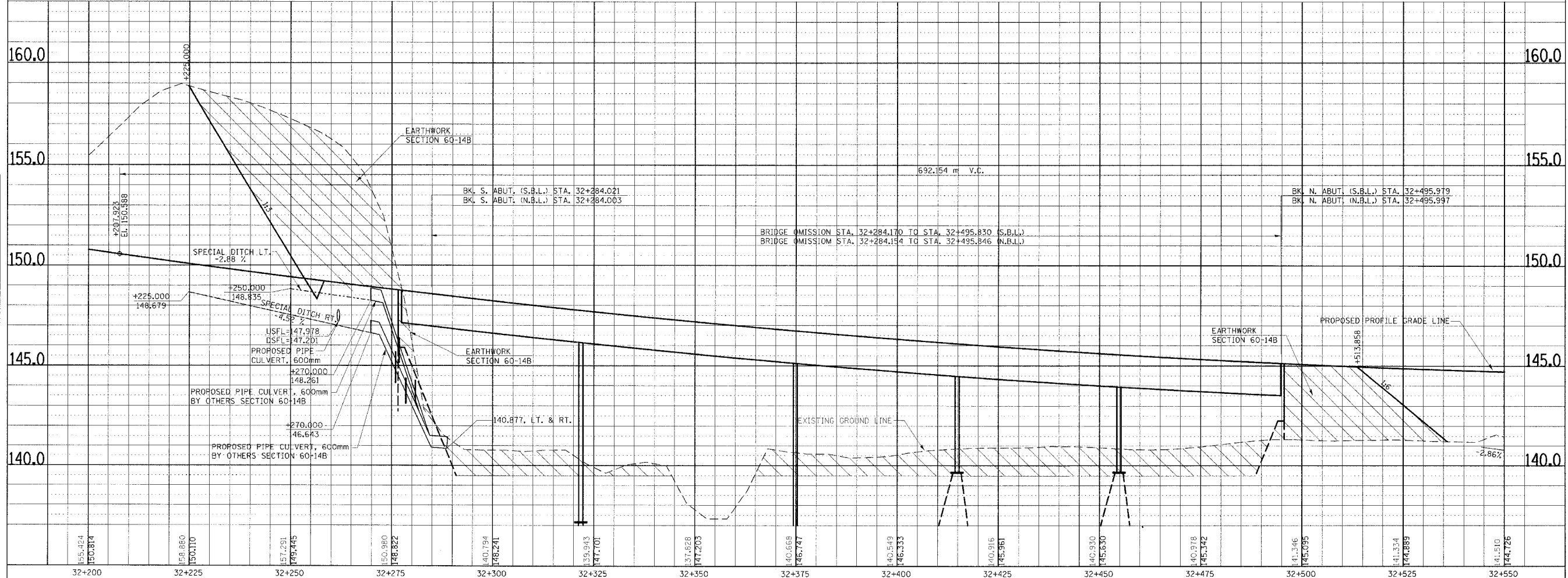
DRAINAGE PLAN & PROFILE, FAP ROUTE 310, STA. 31+850.000 TO STA. 32+200.000

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



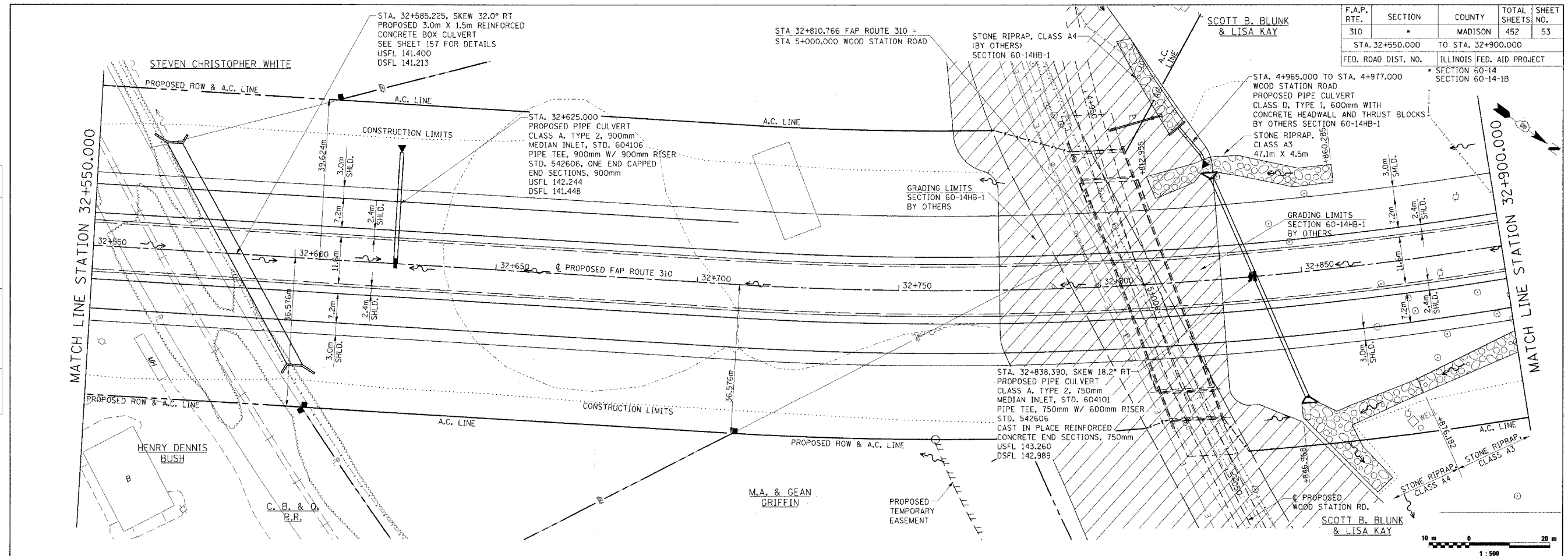
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	52
STA. 32+200.000 TO STA. 32+550.000				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SECTION 60-14		SECTION 60-14-B		

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



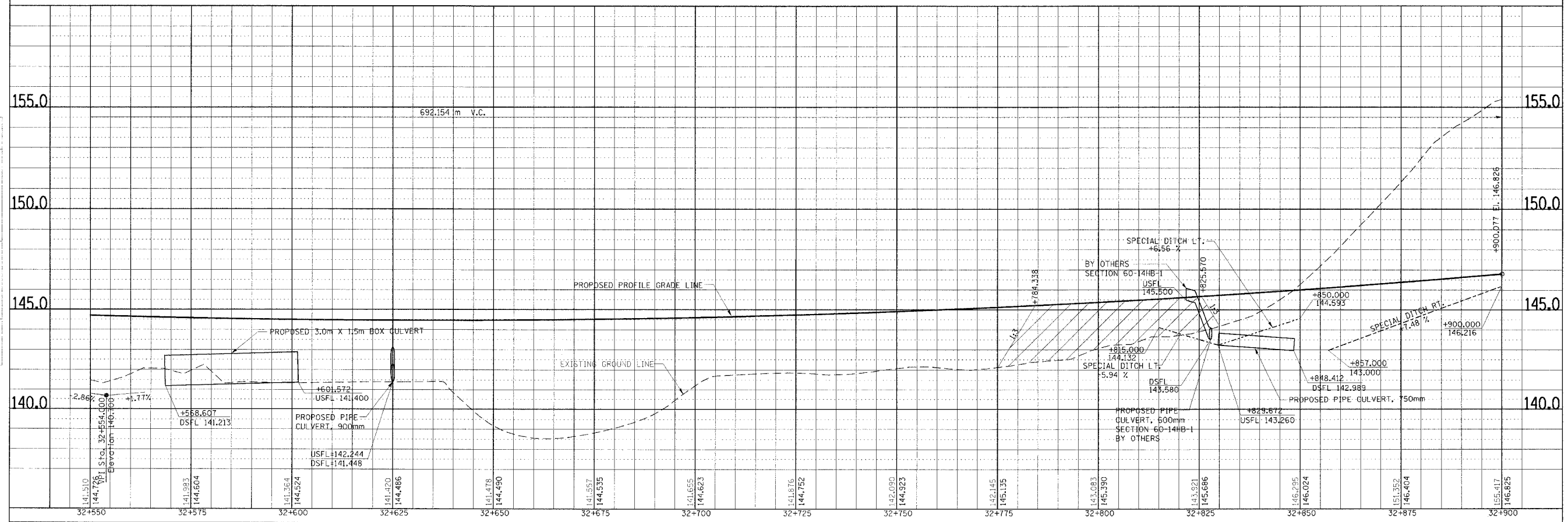
DRAINAGE PLAN & PROFILE, FAP ROUTE 310, STA. 32+200.000 TO STA. 32+550.000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.
310		MADISON	452
STA. 32+550.000 TO STA. 32+900.000			53
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		
	SECTION 60-14 SECTION 60-14-1B		



NO.	AREAS CHECKED	DATE	BY

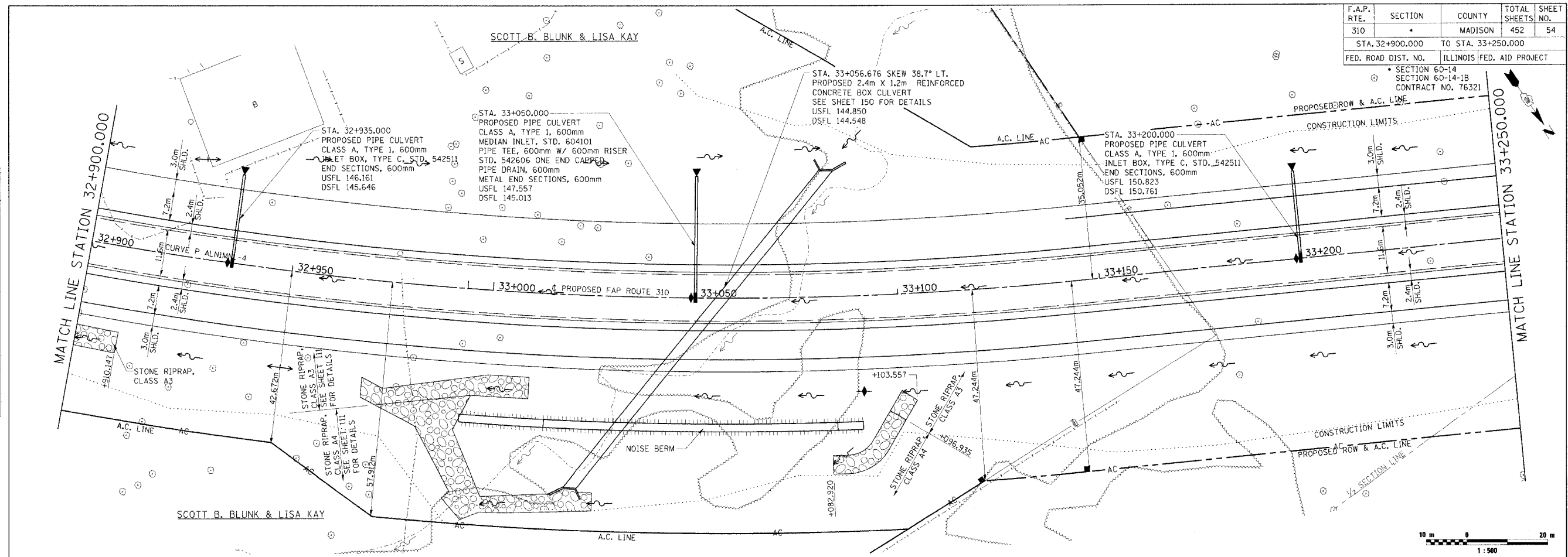
NO.	AREAS CHECKED	DATE	BY



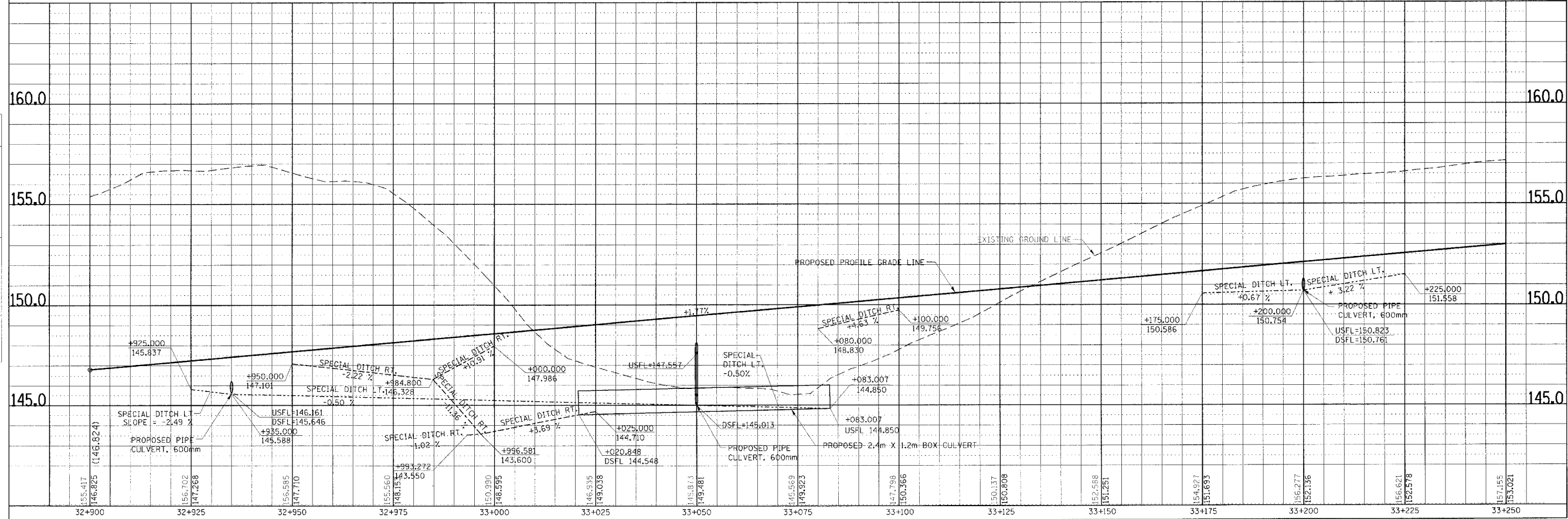
DRAINAGE PLAN & PROFILE, FAP ROUTE 310, STA. 32+550.000 TO STA. 32+900.000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	54
STA. 32+900.000 TO STA. 33+250.000		ILLINOIS FED. AID PROJECT		

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



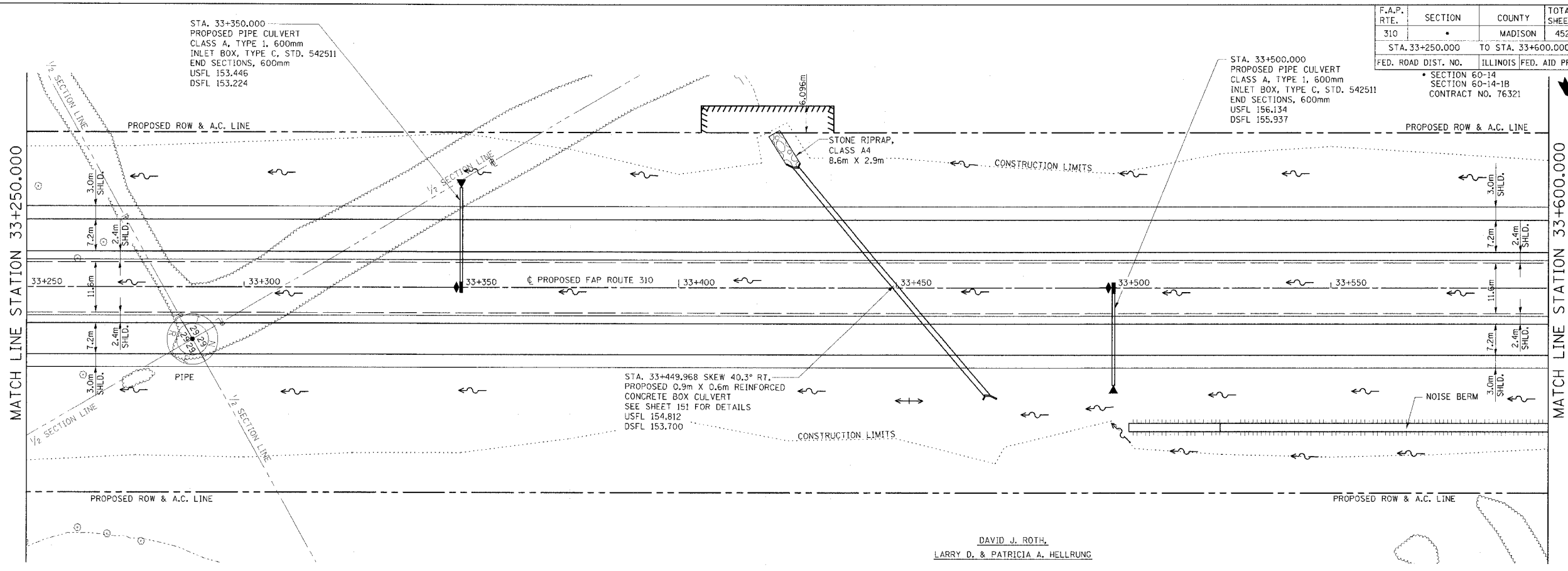
BY	DATE
ORIGINAL SURVEY PLOTTED	
NOTE BOOK TEMPLATE	
AREAS CHECKED	
NO.	



DRAINAGE PLAN & PROFILE, FAP ROUTE 310, STA. 32+900.000 TO STA. 33+250.000

Small vertical text at the bottom right corner, likely a scale or reference note.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	55
STA. 33+250.000 TO STA. 33+600.000				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321		

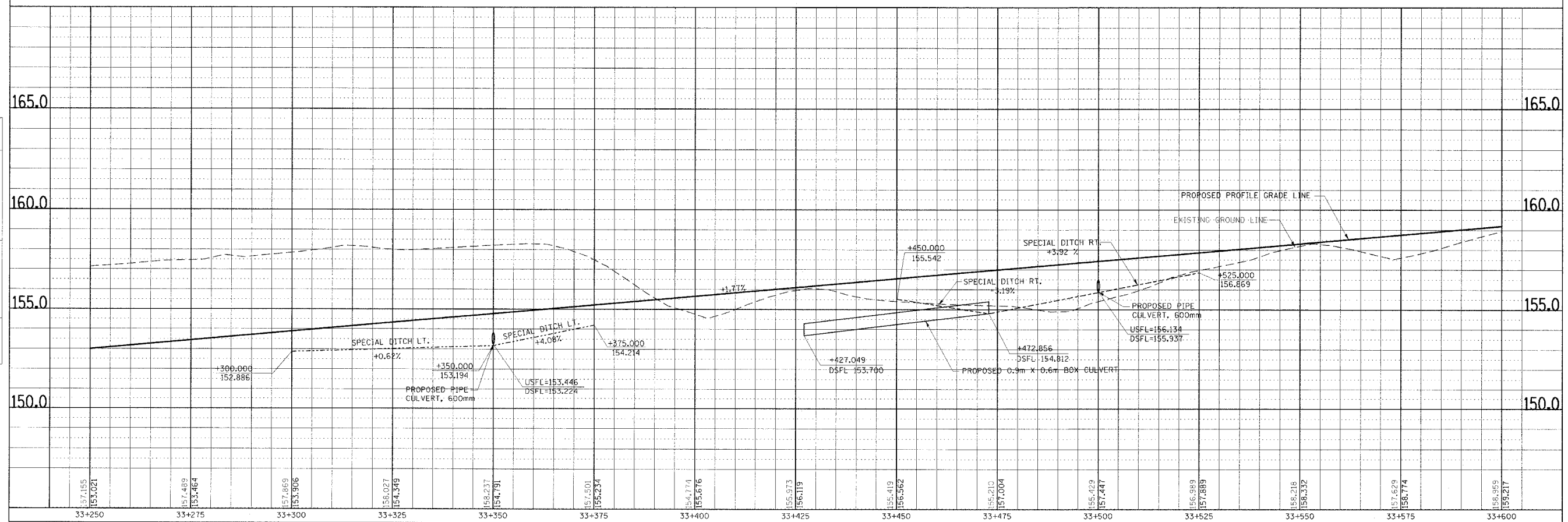


DAVID J. ROTH,
LARRY D. & PATRICIA A. HELLRUNG



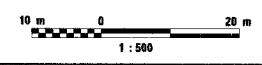
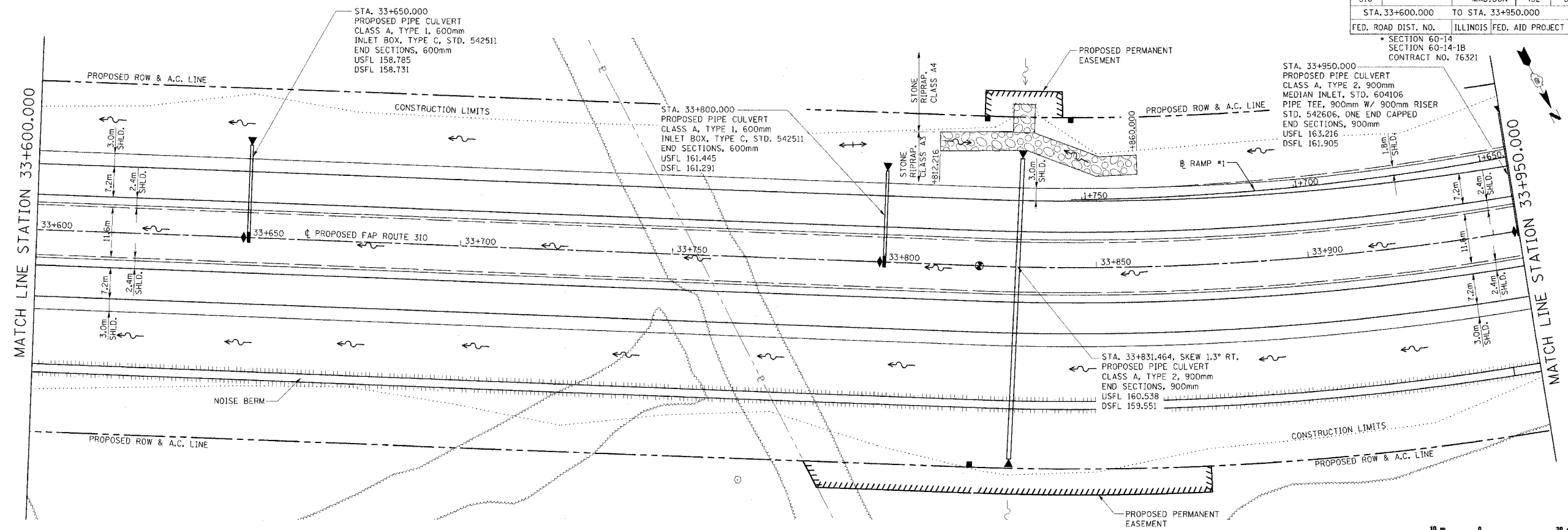
FINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK TEMPLATE AREAS CHECKED		
NO.		

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



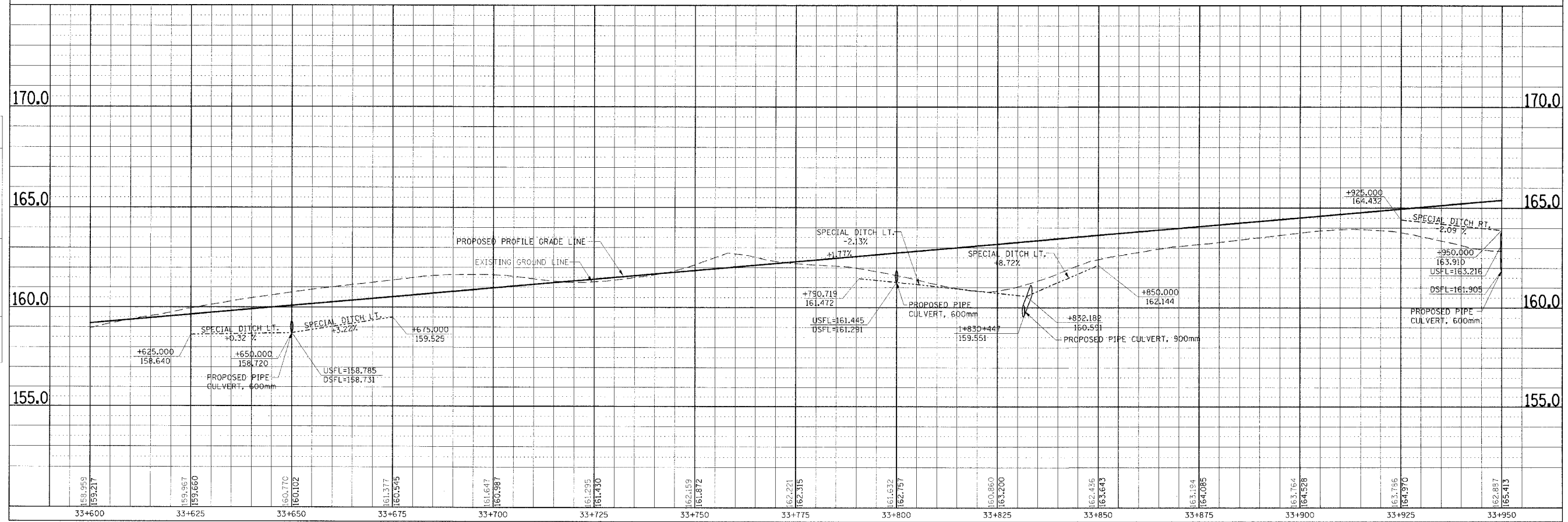
DRAINAGE PLAN & PROFILE, FAP ROUTE 310, STA. 33+250.000 TO STA. 33+600.000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	56
STA. 33+600.000		TO STA. 33+950.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321				



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

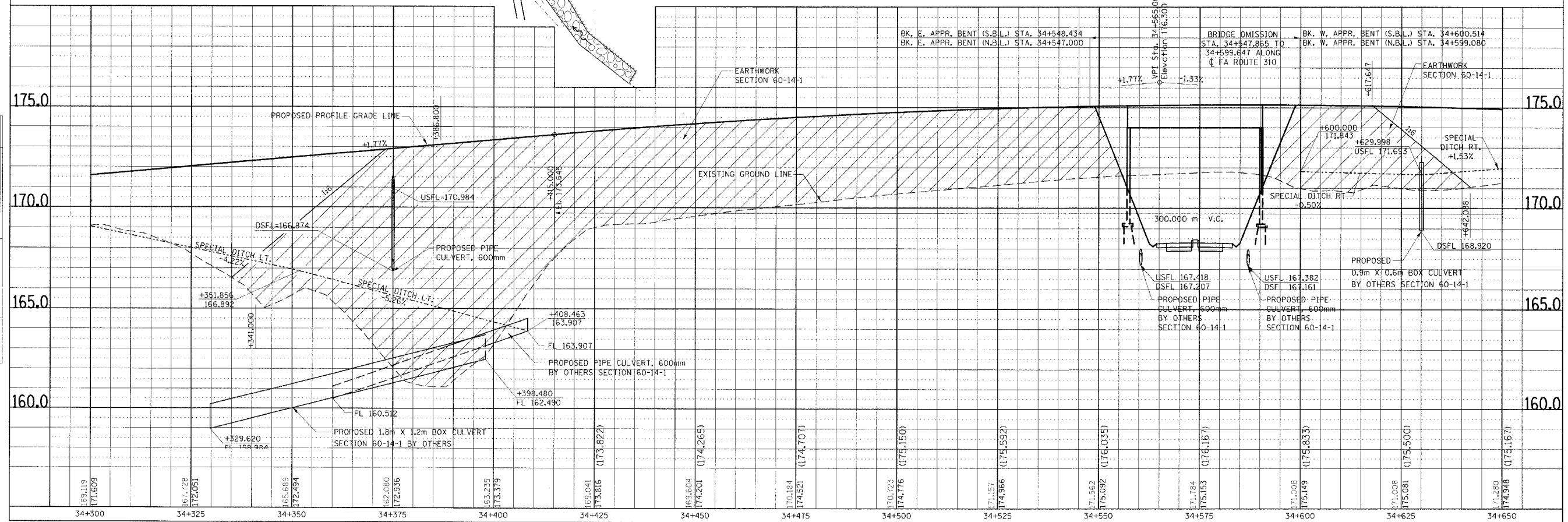
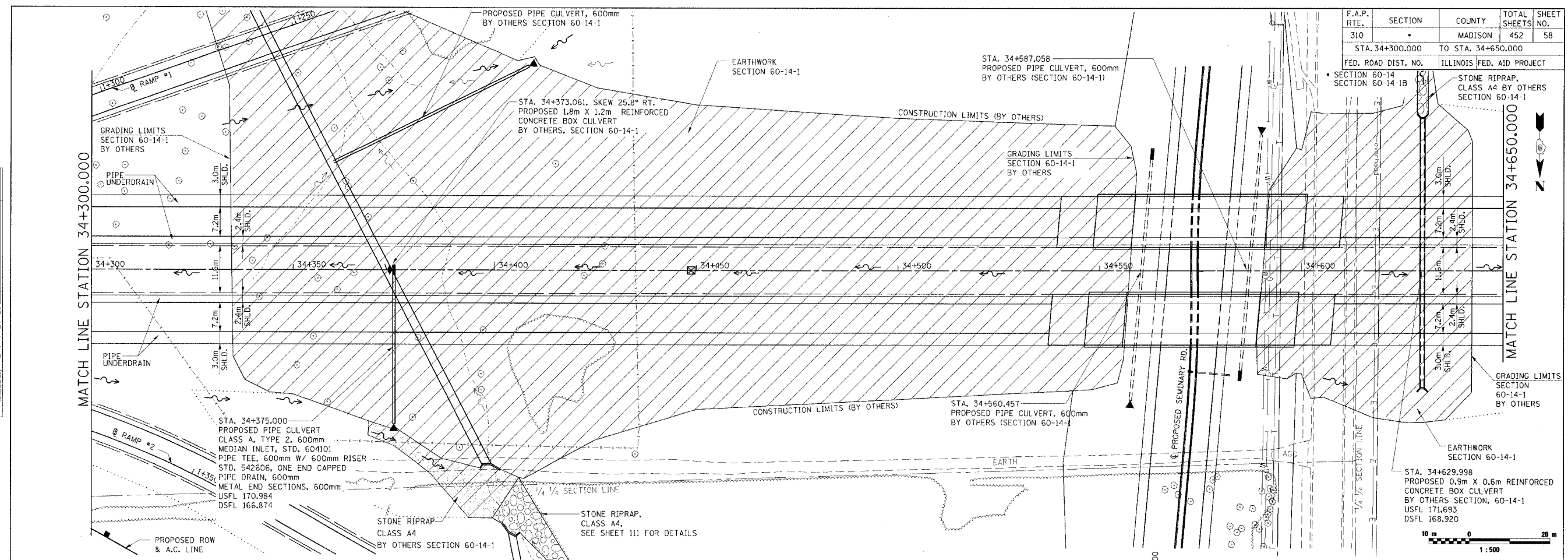
ORIGINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK TEMPLATE		
AREAS CHECKED		
NO.		



DRAINAGE PLAN & PROFILE, FAP ROUTE 310, STA. 33+600.000 TO STA. 33+950.000

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

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



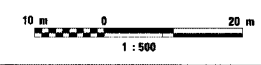
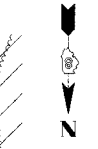
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	58
STA. 34+300.000		TO STA. 34+650.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SECTION 60-14		SECTION 60-14-1B		
SECTION 60-14-1		STONE RIPRAP, CLASS A4 BY OTHERS SECTION 60-14-1		

DRAINAGE PLAN & PROFILE, FAP ROUTE 310, STA. 34+300.000 TO STA. 34+650.000

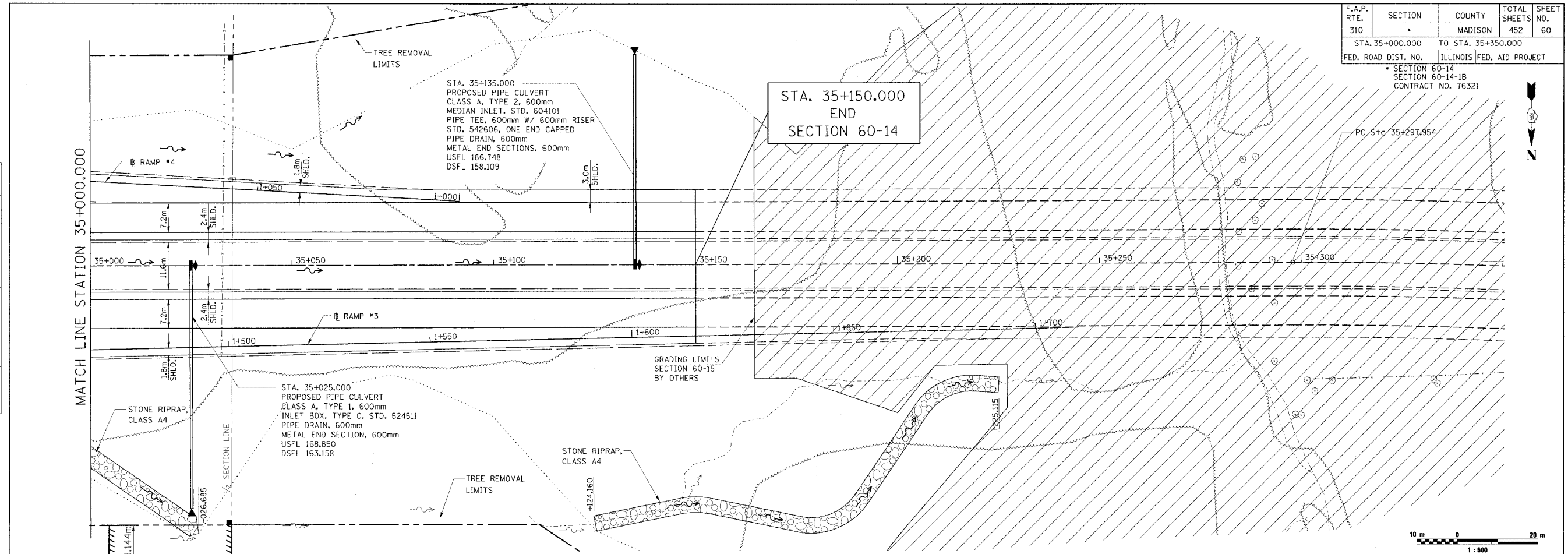
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	60
STA. 35+000.000		TO STA. 35+350.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321				

STA. 35+150.000
END
SECTION 60-14

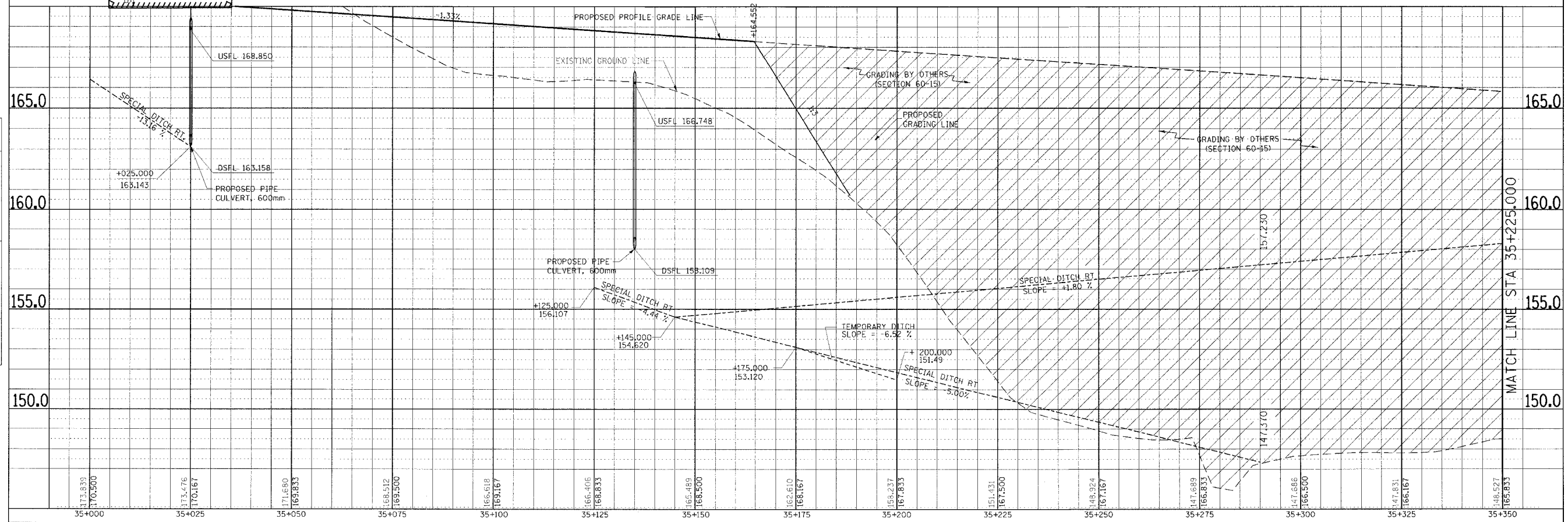
MATCH LINE STATION 35+000.000



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



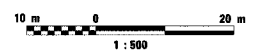
ORIGINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK TEMPLATE		
AREAS CHECKED		
NO.		



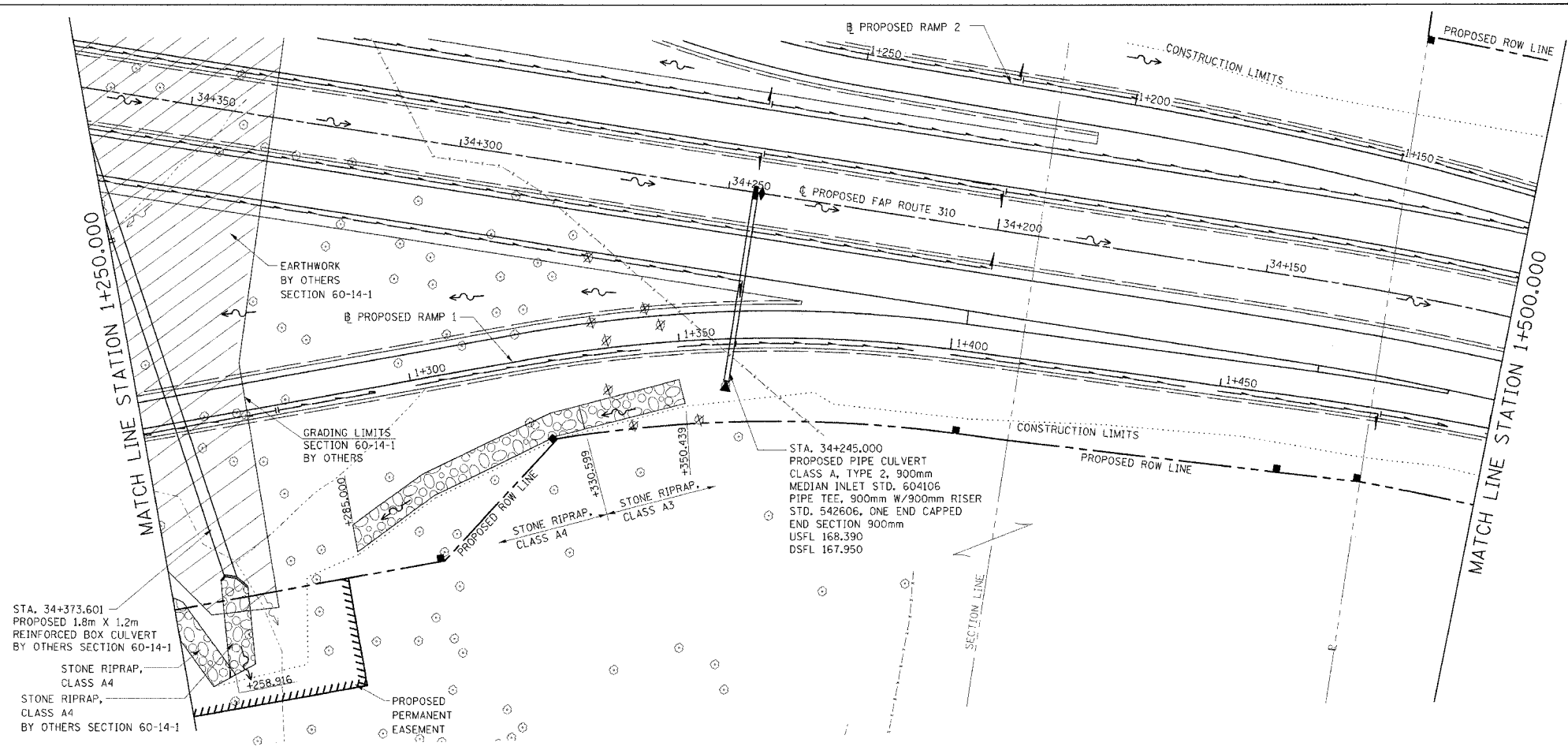
DRAINAGE PLAN & PROFILE, FAP ROUTE 310, STA. 35+000.000 TO STA. 35+350.000

C:\pwworkspace\11111111.dwg 20-11-2008 10:23:28 AM

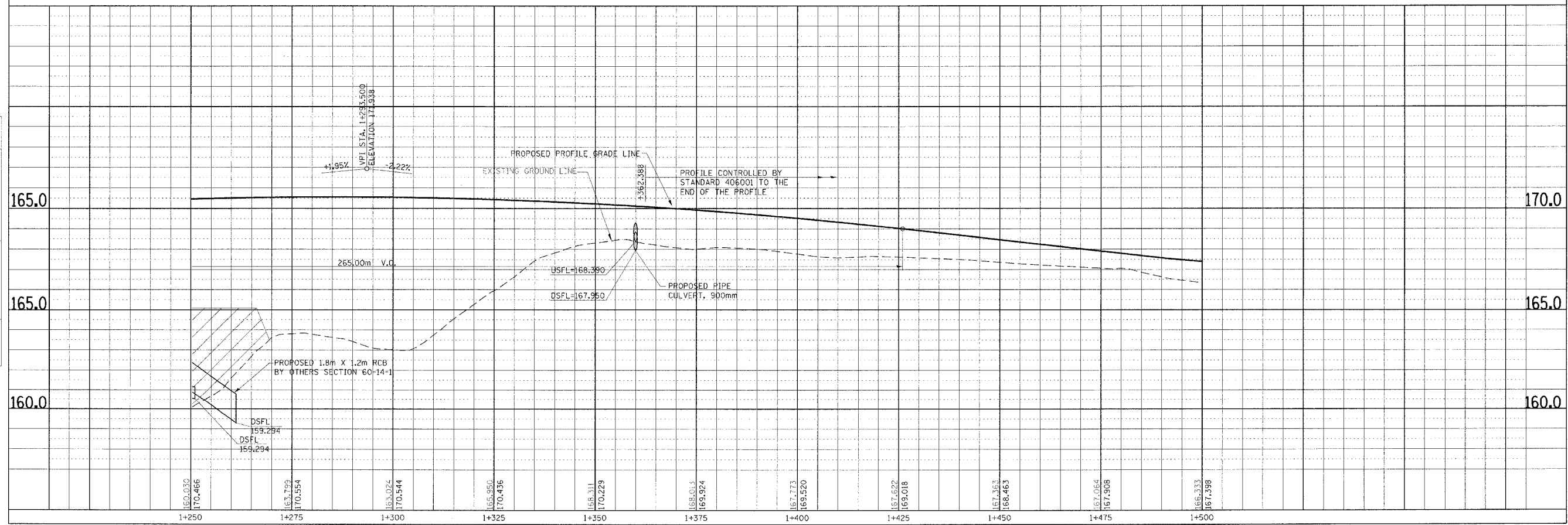
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	*	MADISON	452	62
STA. 1+250.000		TO STA. 1+500.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* SECTION 60-14		SECTION 60-14-1B		



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

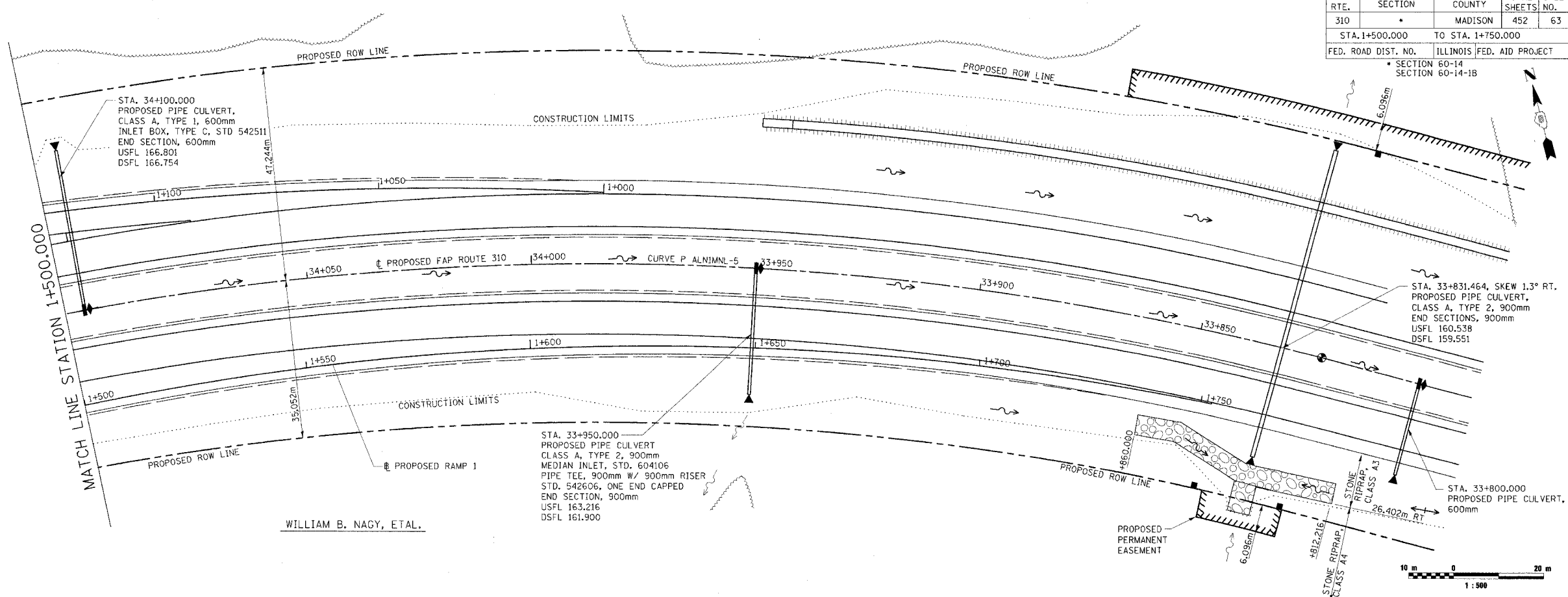


ORIGINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK TEMPLATE		
AREAS CHECKED		
NO.		



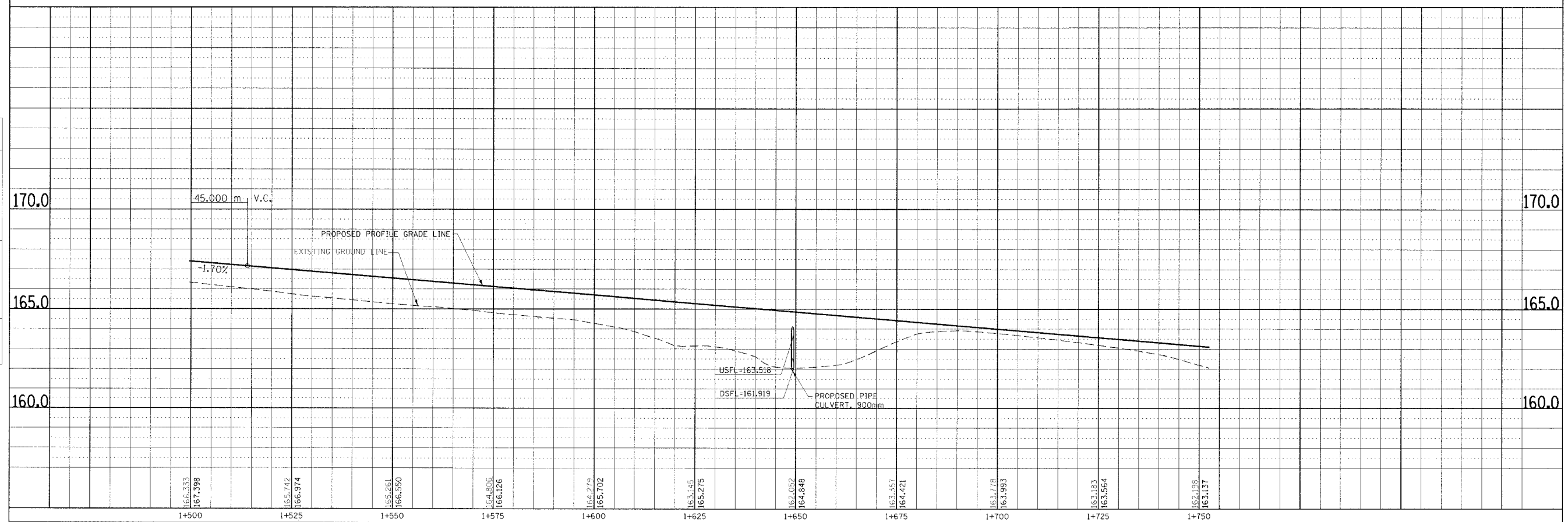
DRAINAGE PLAN & PROFILE, RAMP 1, STA. 1+250.000 TO STA. 1+500.000

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	63
STA. 1+500.000		TO STA. 1+750.000		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
	SECTION 60-14		SECTION 60-14-1B	



WILLIAM B. NAGY, ETAL.

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



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

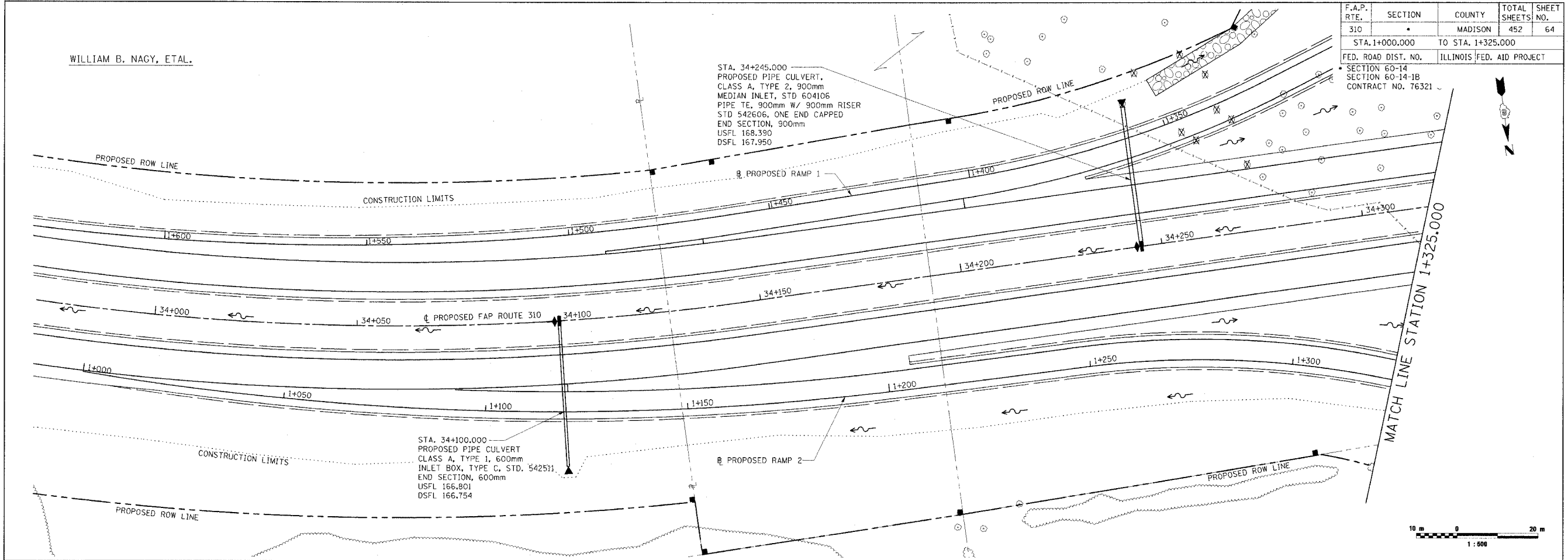
DRAINAGE PLAN & PROFILE, RAMP 1, STA. 1+500.000 TO STA. 1+750.000

C:\Users\jag\OneDrive\Documents\11-23-2018

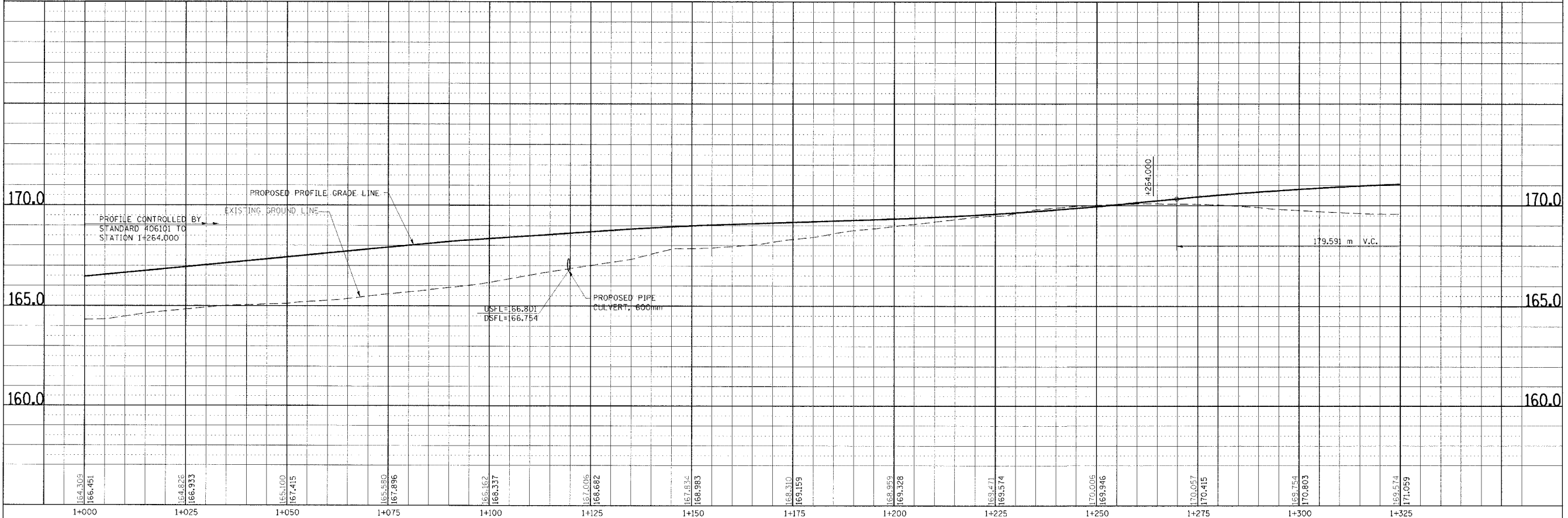
WILLIAM B. NACY, ETAL.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	64
STA. 1+000.000		TO STA. 1+325.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SECTION 60-14		SECTION 60-14-1B		
CONTRACT NO. 76321				

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



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

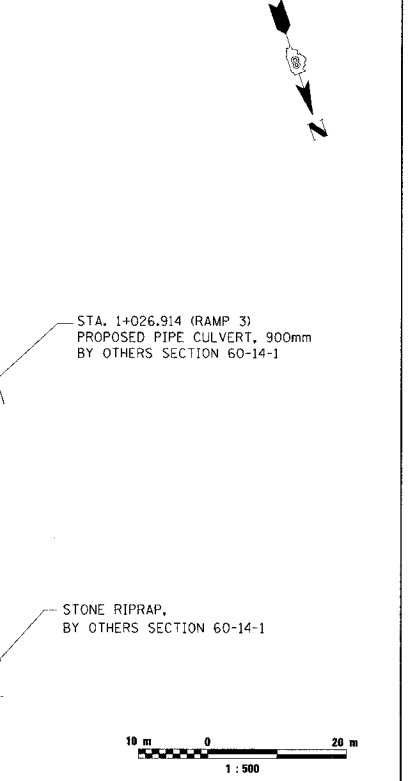
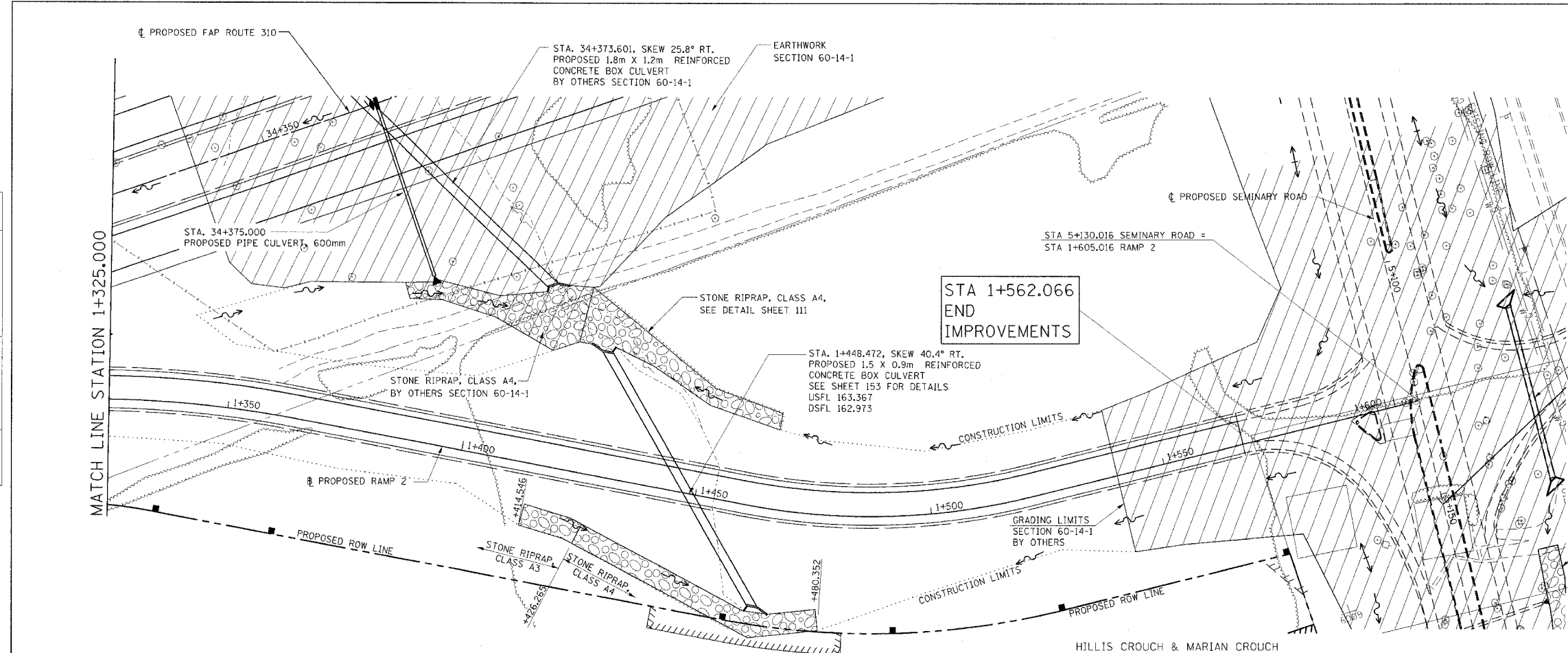


DRAINAGE PLAN & PROFILE, RAMP 2, STA. 1+000.000 TO STA. 1+325.000

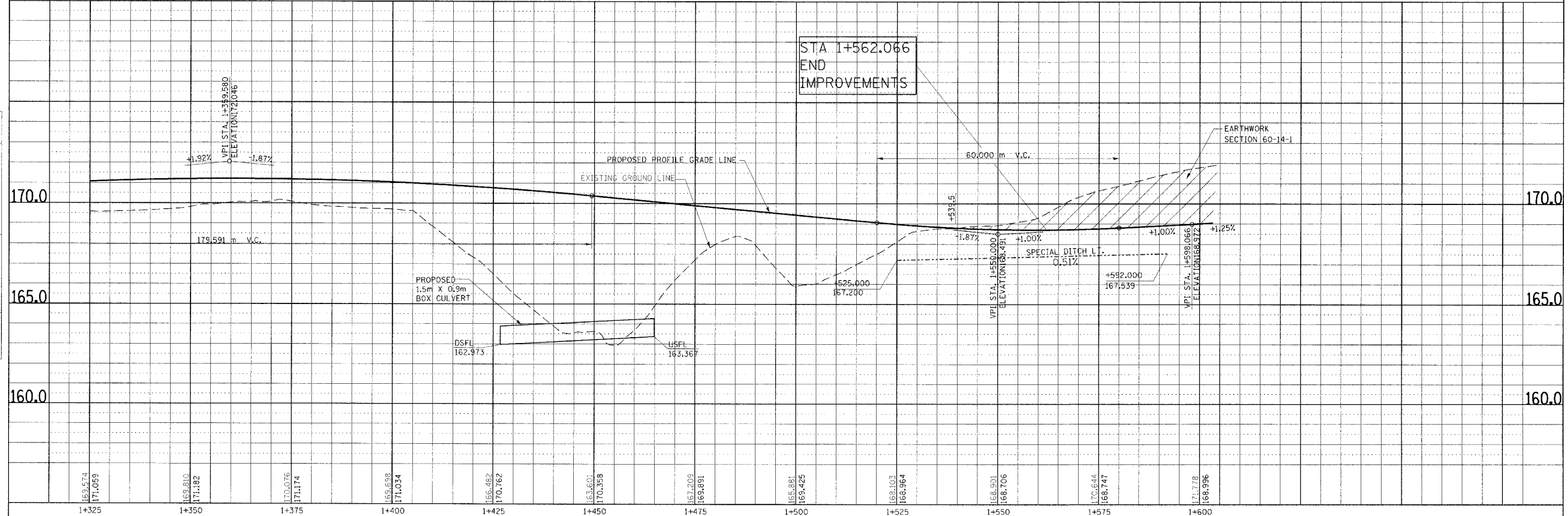
DATE PLOTTED: 03/12/99

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	65
STA. 1+325.000		TO STA. 1+605.016		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SECTION 60-14		SECTION 60-14-1B		
CONTRACT NO. 76321				

NO.	BY	DATE

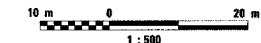


NO.	BY	DATE

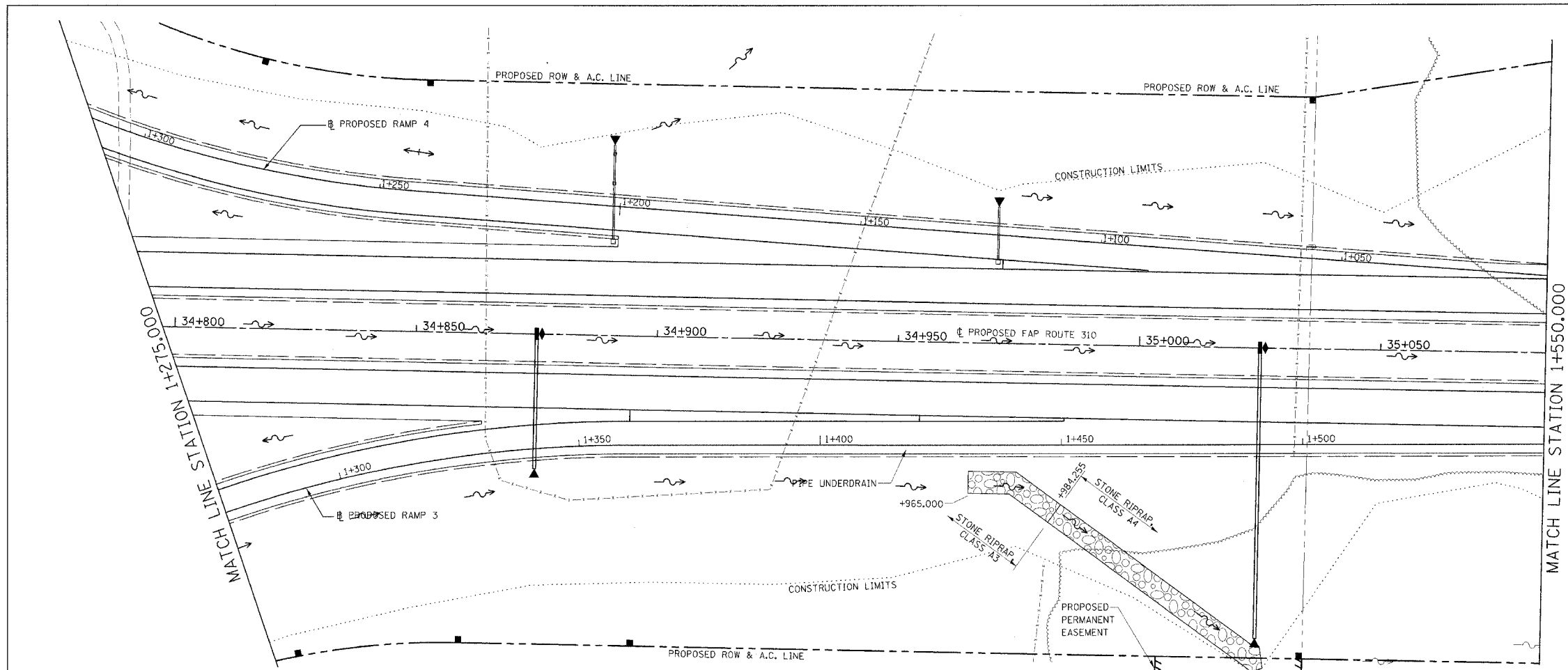


DRAINAGE PLAN & PROFILE, RAMP 2, STA. 1+325.000 TO STA. 1+605.016

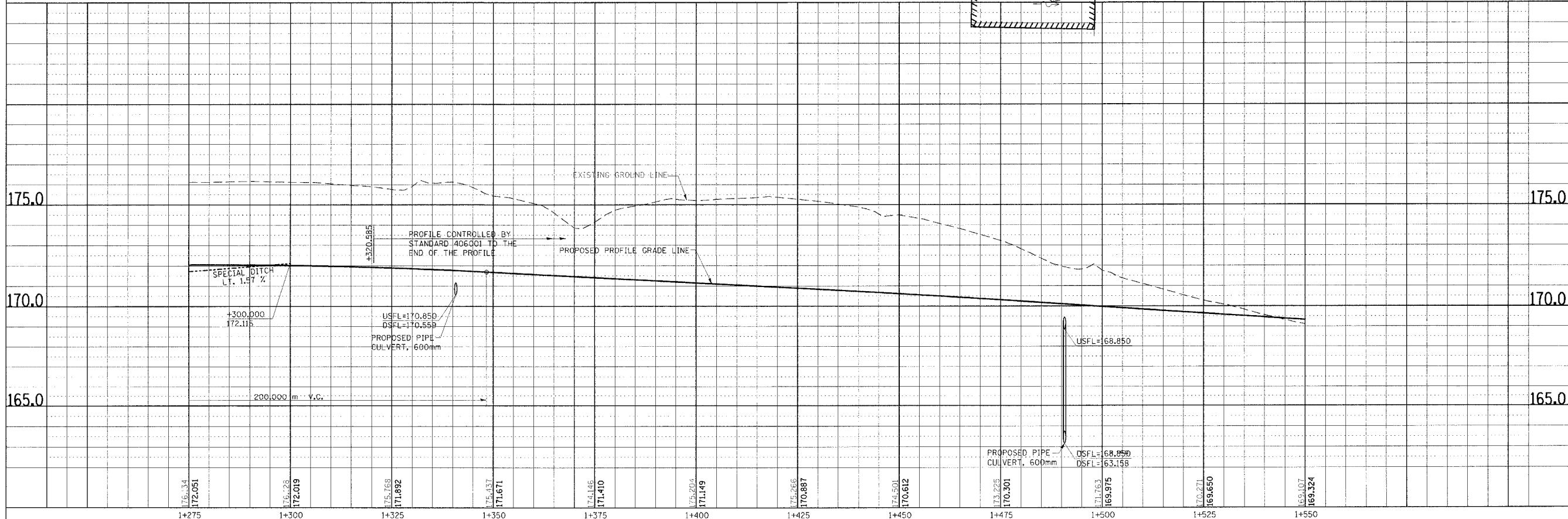
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	67
STA. 1+275.000		TO STA. 1+550.000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321				



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



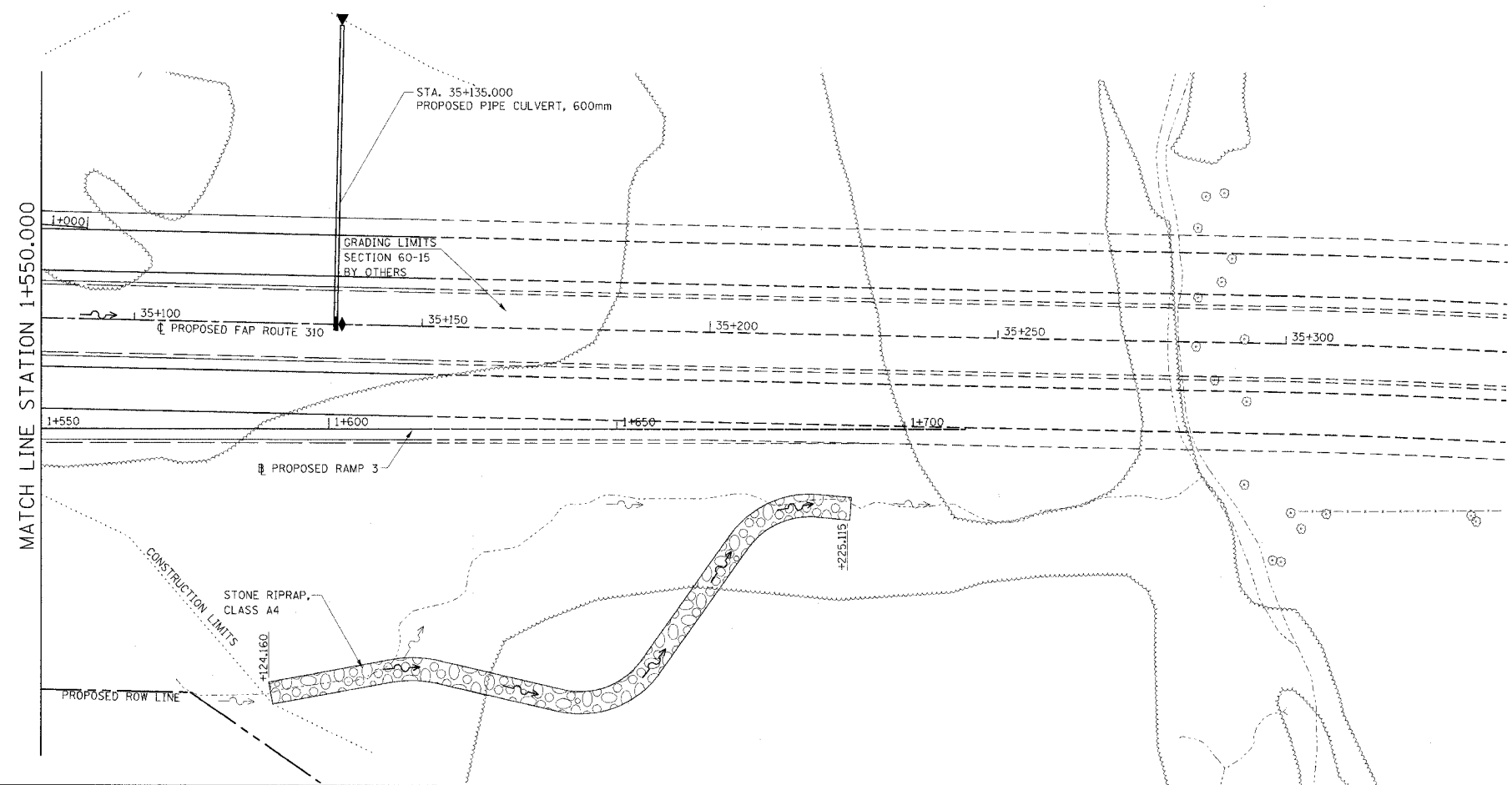
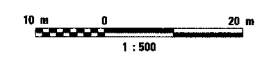
ORIGINAL SURVEY	BY	DATE
SURVEY PLOTTED		
NOTE BOOK		
TEMPLATE		
AREAS CHECKED		
NO.		



DRAINAGE PLAN & PROFILE, RAMP 3, STA. 1+275.000 TO STA. 1+550.000

DATE PLOTTED: 06/17/2005
 PLOTTER: HPGL
 PLOT SCALE: 1:500
 PLOT SHEET: 67

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	68
STA. 1+550.000		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321				

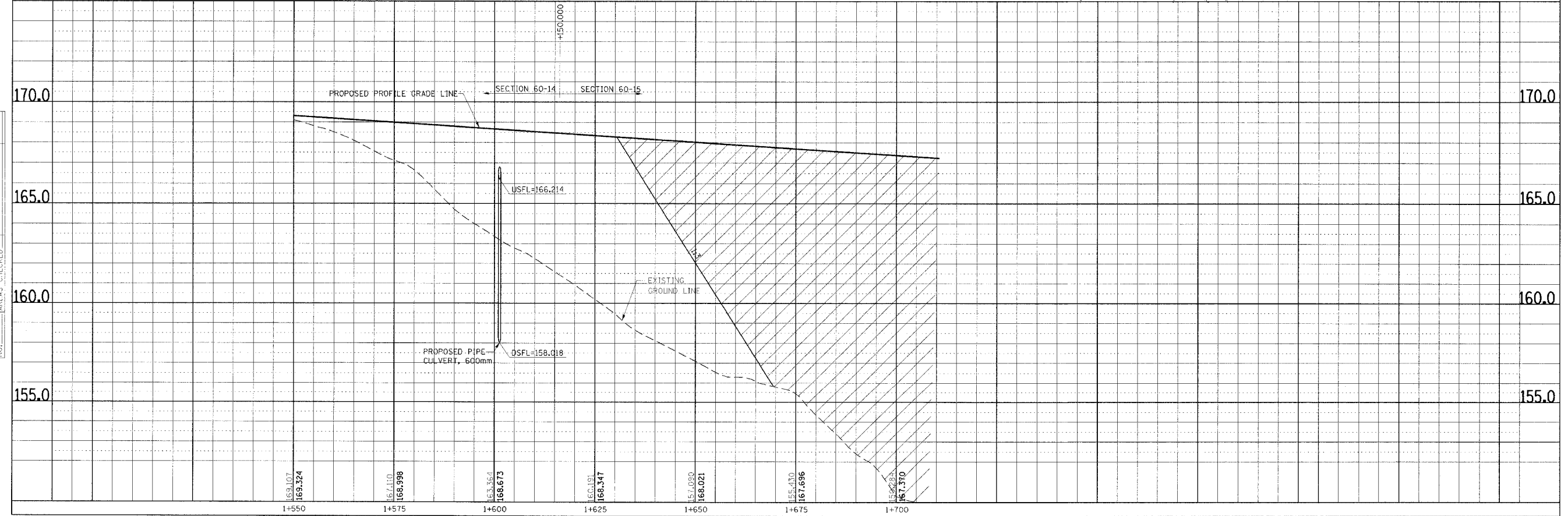


BY	DATE

FINAL SURVEYED SURVEY PLOTTED	NOTE BOOK TEMPLATE	AREAS CHECKED

BY	DATE

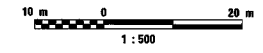
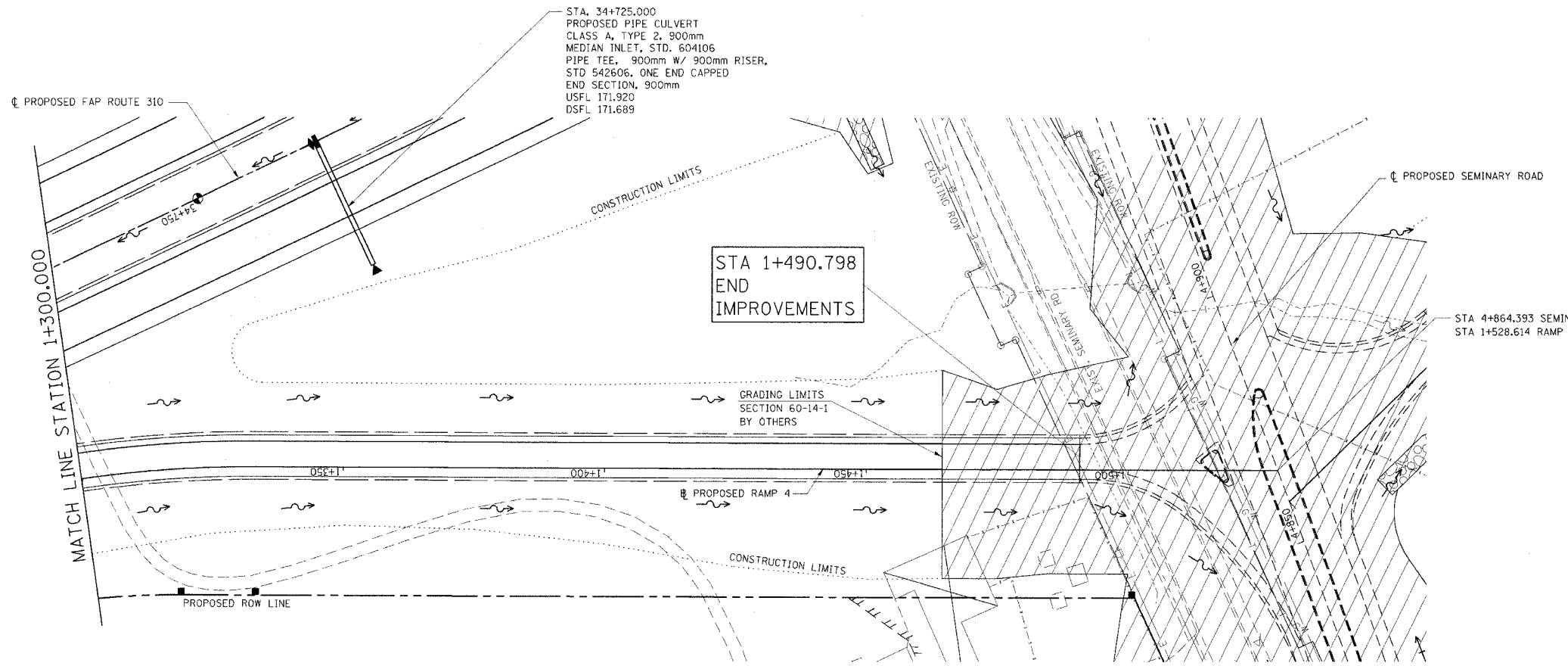
ORIGINAL SURVEYED SURVEY PLOTTED	NOTE BOOK TEMPLATE	AREAS CHECKED



DRAINAGE PLAN & PROFILE, RAMP 3, STA. 1+550.000 TO STA. 1+700.000

DATE PLOTTED: 08/11/09 10:51 AM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	70
STA. 1+300.000		TO STA. 1+528.614		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321		

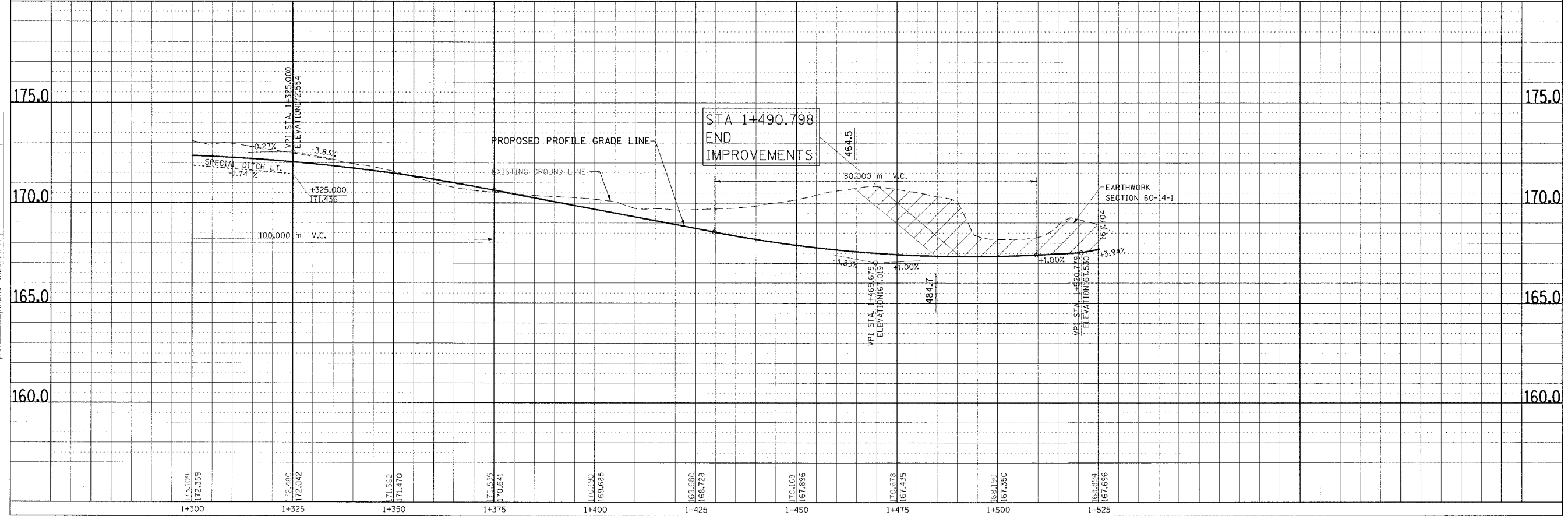


BY	DATE

FINAL SURVEY PLOTTED	NO.	AREAS CHECKED

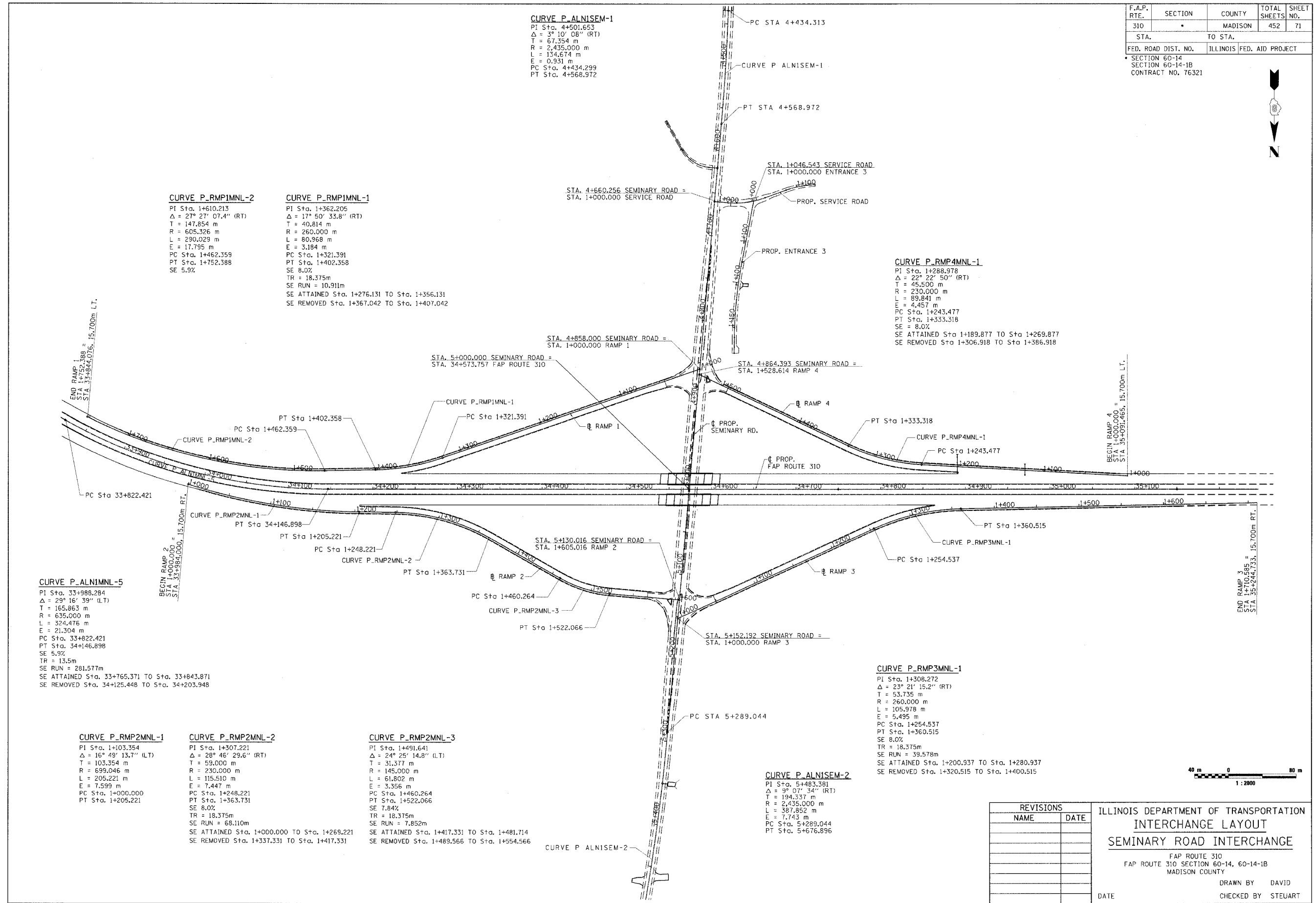
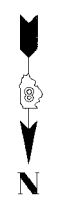
BY	DATE

ORIGINAL SURVEY PLOTTED	NO.	AREAS CHECKED



DRAINAGE PLAN & PROFILE, RAMP 4, STA. 1+300.000 TO STA. 1+528.614

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	71
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SECTION 60-14		SECTION 60-14-1B		
CONTRACT NO. 76321				



CURVE P_RMP1MNL-2
 PI Sta. 1+610.213
 $\Delta = 27^\circ 27' 07.4''$ (RT)
 T = 147.854 m
 R = 605.326 m
 L = 290.029 m
 E = 17.795 m
 PC Sta. 1+462.359
 PT Sta. 1+752.388
 SE 5.9%

CURVE P_RMP1MNL-1
 PI Sta. 1+362.205
 $\Delta = 17^\circ 50' 33.8''$ (RT)
 T = 40.814 m
 R = 260.000 m
 L = 80.968 m
 E = 3.184 m
 PC Sta. 1+321.391
 PT Sta. 1+402.358
 SE 8.0%
 TR = 18.375m
 SE RUN = 10.911m
 SE ATTAINED Sta. 1+276.131 TO Sta. 1+356.131
 SE REMOVED Sta. 1+367.042 TO Sta. 1+407.042

CURVE P_RMP4MNL-1
 PI Sta. 1+288.978
 $\Delta = 22^\circ 22' 50''$ (RT)
 T = 45.500 m
 R = 230.000 m
 L = 89.841 m
 E = 4.457 m
 PC Sta. 1+243.477
 PT Sta. 1+333.318
 SE 8.0%
 SE ATTAINED Sta 1+189.877 TO Sta 1+269.877
 SE REMOVED Sta 1+306.918 TO Sta 1+386.918

CURVE P_ALNIMNL-5
 PI Sta. 33+988.284
 $\Delta = 29^\circ 16' 39''$ (LT)
 T = 165.863 m
 R = 635.000 m
 L = 324.476 m
 E = 21.304 m
 PC Sta. 33+822.421
 PT Sta. 34+146.898
 SE 5.9%
 TR = 13.5m
 SE RUN = 281.577m
 SE ATTAINED Sta. 33+765.371 TO Sta. 33+843.871
 SE REMOVED Sta. 34+125.448 TO Sta. 34+203.948

CURVE P_RMP2MNL-1
 PI Sta. 1+103.354
 $\Delta = 16^\circ 48' 13.7''$ (LT)
 T = 103.354 m
 R = 699.046 m
 L = 205.221 m
 E = 7.599 m
 PC Sta. 1+000.000
 PT Sta. 1+205.221

CURVE P_RMP2MNL-2
 PI Sta. 1+307.221
 $\Delta = 28^\circ 46' 29.6''$ (RT)
 T = 59.000 m
 R = 230.000 m
 L = 115.510 m
 E = 7.447 m
 PC Sta. 1+248.221
 PT Sta. 1+363.731
 SE 8.0%
 TR = 18.375m
 SE RUN = 68.110m
 SE ATTAINED Sta. 1+000.000 TO Sta. 1+269.221
 SE REMOVED Sta. 1+337.331 TO Sta. 1+417.331

CURVE P_RMP2MNL-3
 PI Sta. 1+491.641
 $\Delta = 24^\circ 25' 14.8''$ (LT)
 T = 31.377 m
 R = 145.000 m
 L = 61.802 m
 E = 3.356 m
 PC Sta. 1+460.264
 PT Sta. 1+522.066
 SE 7.84%
 TR = 18.375m
 SE RUN = 7.852m
 SE ATTAINED Sta. 1+417.331 TO Sta. 1+481.714
 SE REMOVED Sta. 1+489.566 TO Sta. 1+554.566

CURVE P_ALNISEM-2
 PI Sta. 5+483.381
 $\Delta = 9^\circ 07' 34''$ (RT)
 T = 194.337 m
 R = 2,435.000 m
 L = 387.852 m
 E = 7.743 m
 PC Sta. 5+289.044
 PT Sta. 5+676.896

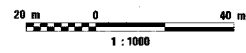
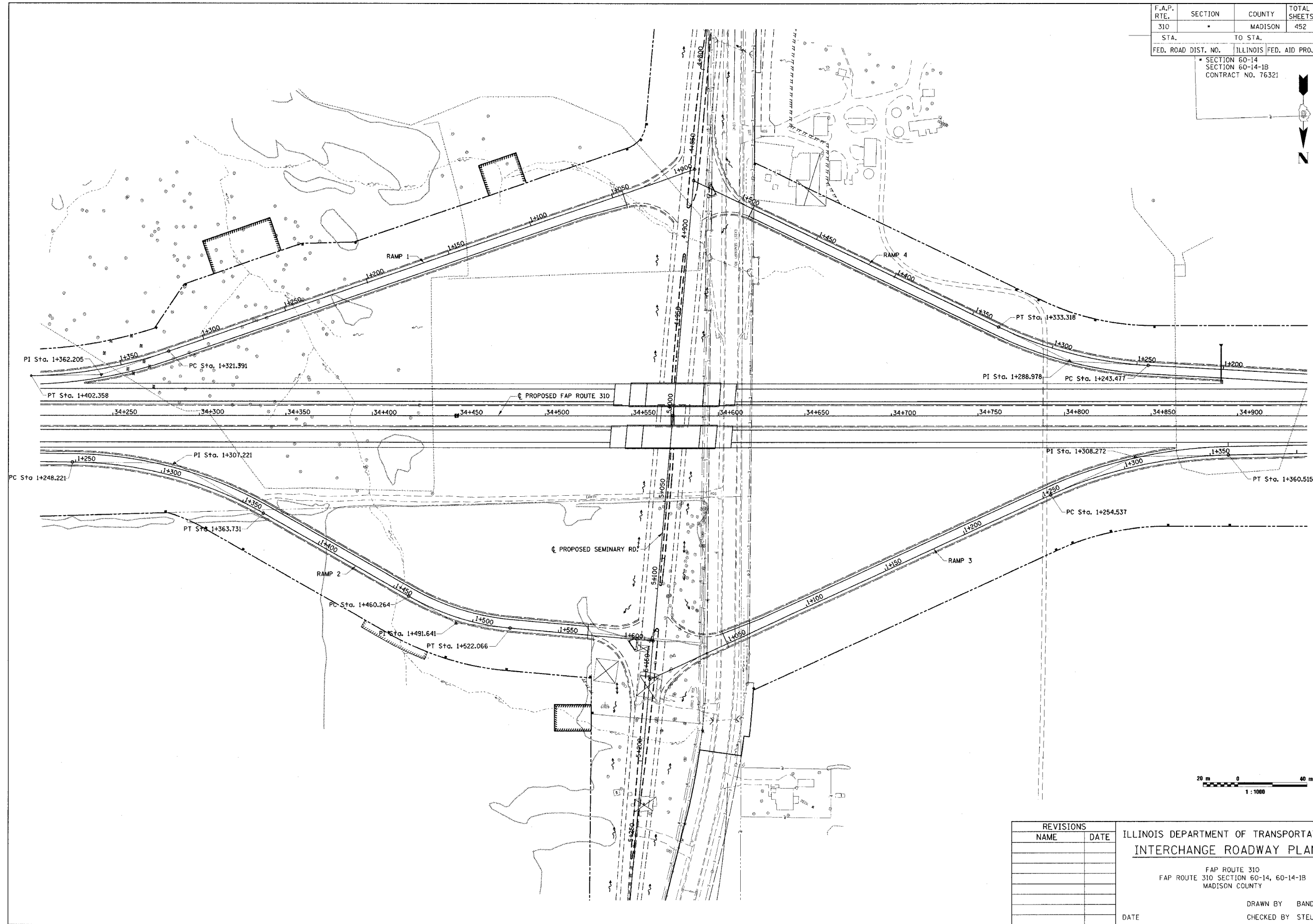
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERCHANGE LAYOUT
SEMINARY ROAD INTERCHANGE
 FAP ROUTE 310
 FAP ROUTE 310 SECTION 60-14, 60-14-1B
 MADISON COUNTY
 DRAWN BY DAVID
 CHECKED BY STEUART
 DATE

INTERCHANGE LAYOUT, SEMINARY ROAD INTERSECTION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	*	MADISON	452	72
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	

SECTION 60-14
SECTION 60-14-1B
CONTRACT NO. 76321



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERCHANGE ROADWAY PLAN

FAP ROUTE 310
FAP ROUTE 310 SECTION 60-14, 60-14-1B
MADISON COUNTY

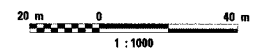
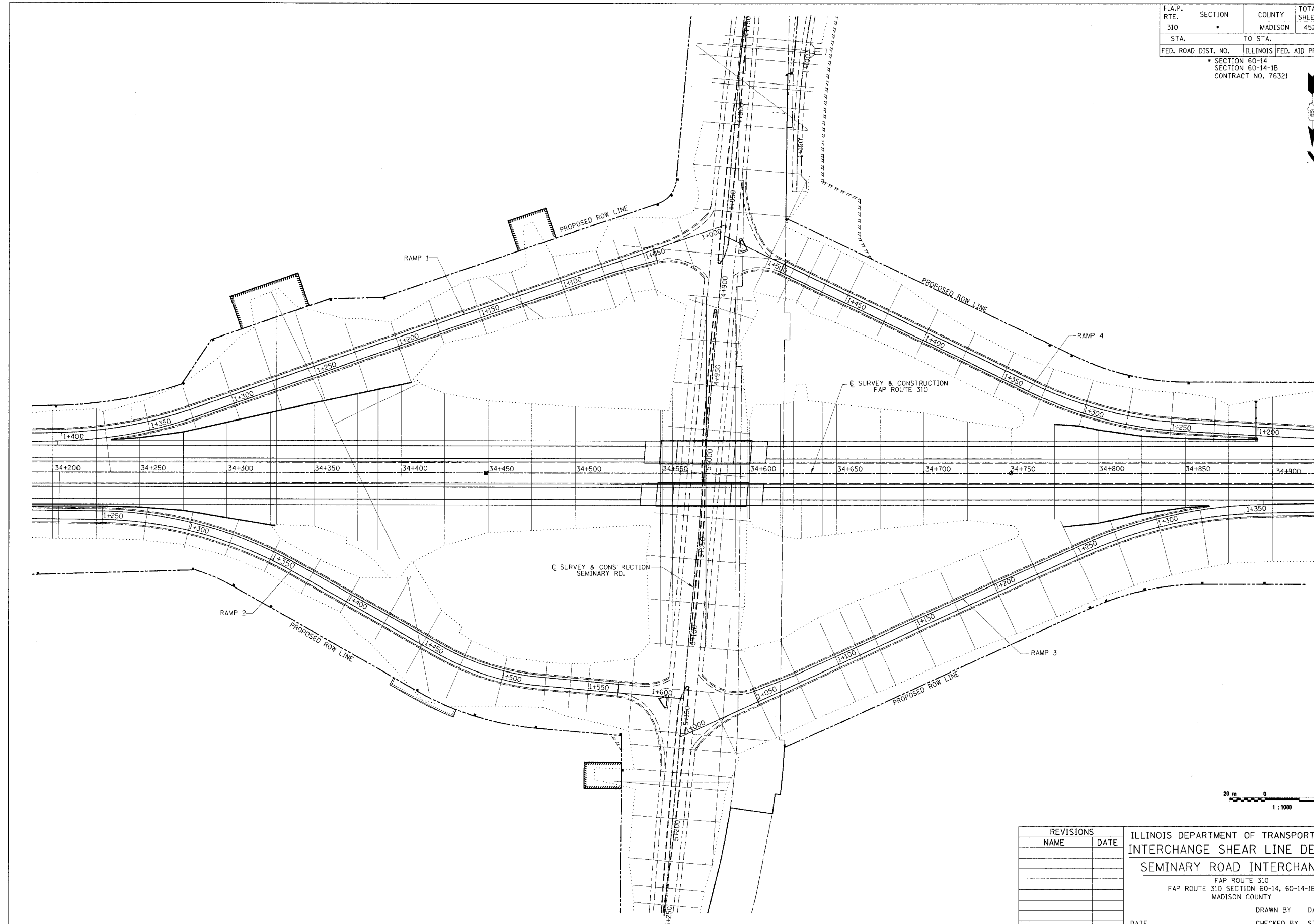
DRAWN BY BANDY
CHECKED BY STEUART

DATE

INTERCHANGE ROADWAY PLAN, FAP ROUTE 310

DRAWN BY BANDY, CHECKED BY STEUART, DATE 10/15/03

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	73
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321				

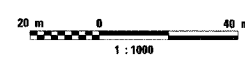
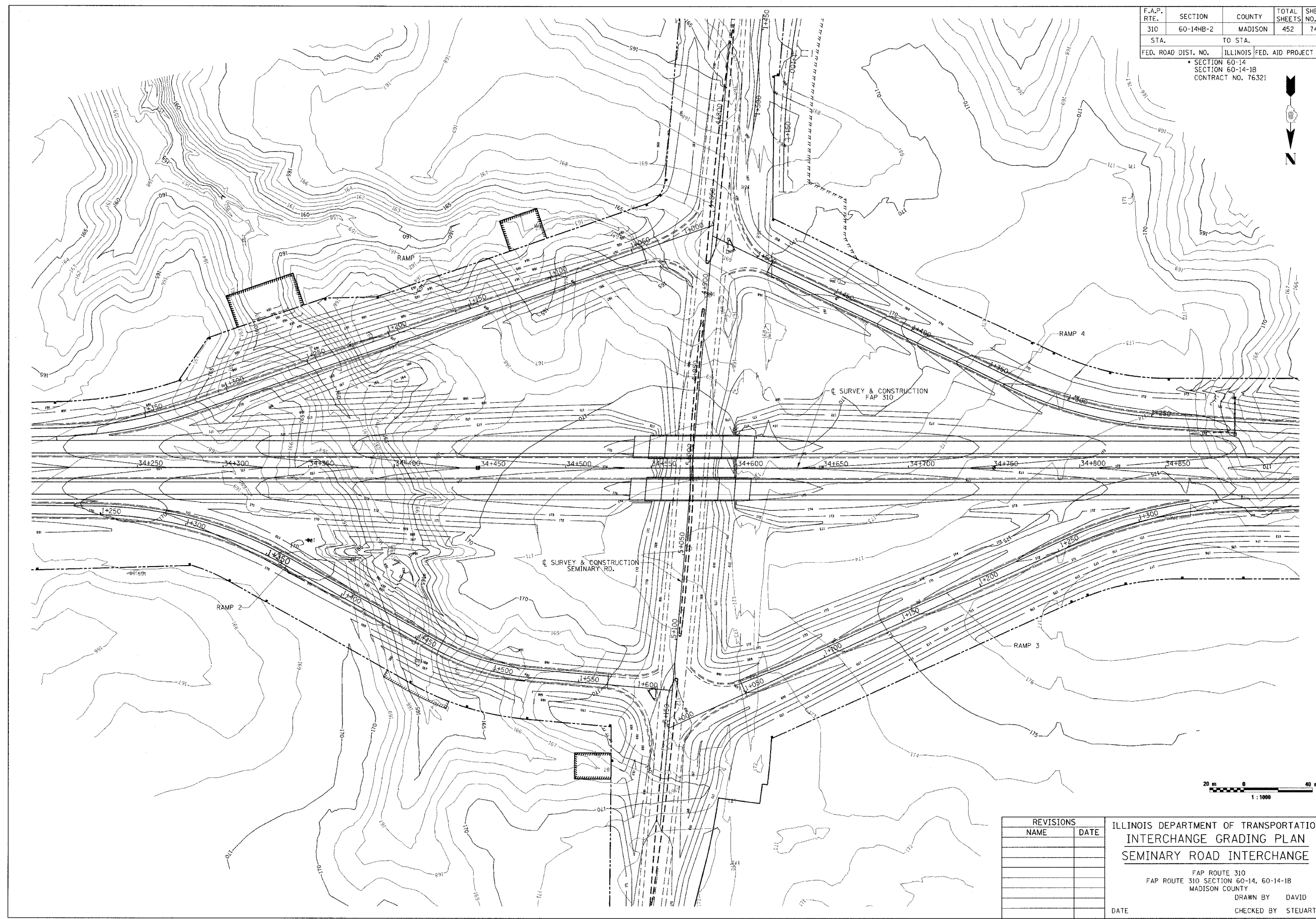


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERCHANGE SHEAR LINE DETAIL
SEMINARY ROAD INTERCHANGE
 FAP ROUTE 310
 FAP ROUTE 310 SECTION 60-14, 60-14-1B
 MADISON COUNTY
 DRAWN BY DAVID
 CHECKED BY STEUART
 DATE

INTERCHANGE SHEAR LINE DETAIL, SEMINARY ROAD INTERSECTION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	60-14HB-2	MADISON	452	74
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321				



REVISIONS	
NAME	DATE

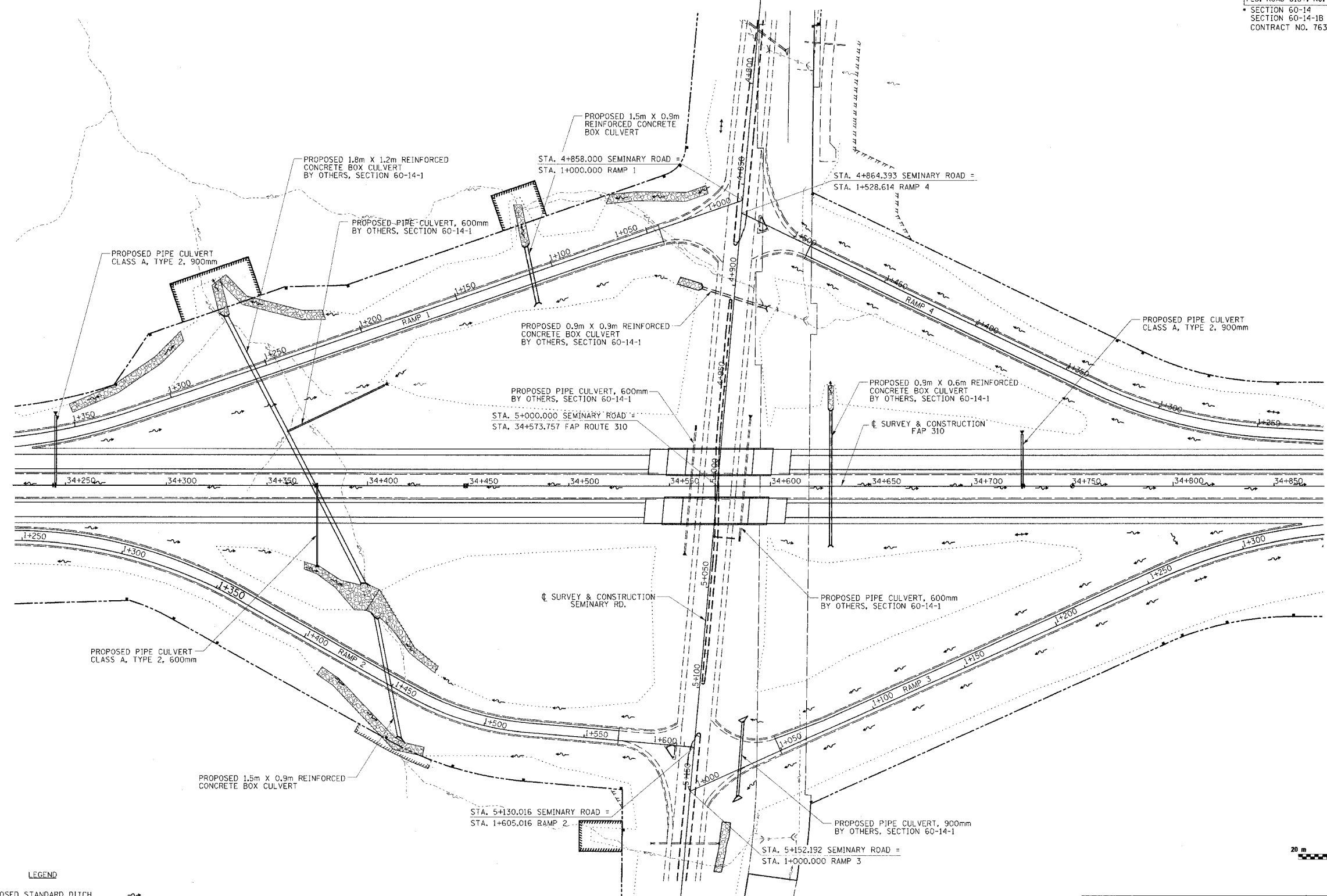
ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERCHANGE GRADING PLAN
SEMINARY ROAD INTERCHANGE

FAP ROUTE 310
 SECTION 60-14, 60-14-1B
 MADISON COUNTY

DATE _____ DRAWN BY DAVID
 CHECKED BY STEUART

INTERCHANGE GRADING PLAN, SEMINARY ROAD INTERSECTION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	75
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
SECTION 60-14		SECTION 60-14-1B		
CONTRACT NO. 76321				



LEGEND

PROPOSED STANDARD DITCH	
PROPOSED RIPRAP	
EXISTING DRAINAGE PATH	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERCHANGE DRAINAGE PLAN
SEMINARY ROAD INTERSECTION
 FAP ROUTE 310
 FAP ROUTE 310 SECTION 60-14, 60-14-1B
 MADISON COUNTY
 DRAWN BY DAVID
 CHECKED BY STEUART
 DATE

INTERCHANGE DRAINAGE PLAN, FAP ROUTE 310 & SEMINARY RD.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	76
STA.	TO STA.		FED. AID PROJECT	
			SECTION 60-14 SECTION 60-14-1B	

CURVE P_ALNIMNL-5

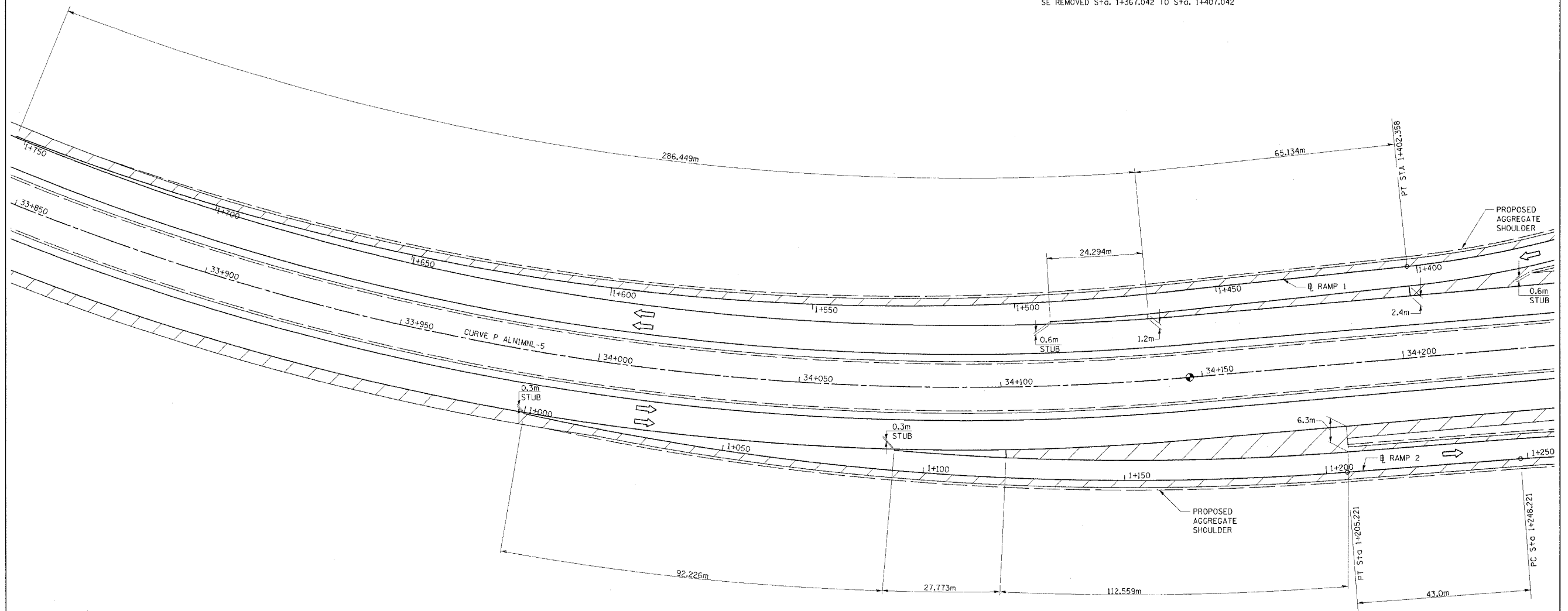
P.I. STA = 33+988.284
 $\Delta = 29^{\circ}16'39''$ (LT)
 R = 635.000m
 T = 165.863m
 L = 324.476m
 E = 21.304m
 PC STA = 33+822.421
 PT STA = 34+146.898
 SE = 5.9%
 SE ATTAINED STA. 33+765.371 TO STA. 33+843.871
 SE REMOVED STA. 34+125.448 TO STA. 34+203.948

CURVE P_RMP1MNL-1

PI Sta. 1+362.205
 $\Delta = 17^{\circ}50'33.8''$ (RT)
 T = 40.814 m
 R = 260.000 m
 L = 80.968 m
 E = 3.184 m
 PC Sta. 1+321.391
 PT Sta. 1+402.358
 SE 8.0%
 TR = 18.375m
 SE RUN = 10.911m
 SE ATTAINED Sta. 1+276.131 TO Sta. 1+356.131
 SE REMOVED Sta. 1+367.042 TO Sta. 1+407.042

CURVE P_RMP1MNL-2

PI Sta. 1+610.213
 $\Delta = 27^{\circ}27'07.4''$ (RT)
 T = 147.854 m
 R = 605.326 m
 L = 290.029 m
 E = 17.795 m
 PC Sta. 1+462.359
 PT Sta. 1+752.388
 SE 5.9%

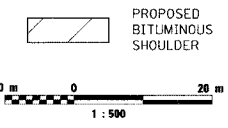


CURVE P_RMP2MNL-1

PI Sta. 1+103.354
 $\Delta = 16^{\circ}49'13.7''$ (LT)
 T = 103.354 m
 R = 699.046 m
 L = 205.221 m
 E = 7.599 m
 PC Sta. 1+000.000
 PT Sta. 1+205.221

CURVE P_RMP2MNL-2

PI Sta. 1+307.221
 $\Delta = 28^{\circ}46'29.6''$ (RT)
 T = 59.000 m
 R = 230.000 m
 L = 115.510 m
 E = 7.447 m
 PC Sta. 1+248.221
 PT Sta. 1+363.731
 SE 8.0%
 TR = 18.375m
 SE RUN = 68.110m
 SE ATTAINED Sta. 1+000.000 TO Sta. 1+269.221
 SE REMOVED Sta. 1+337.331 TO Sta. 1+417.331



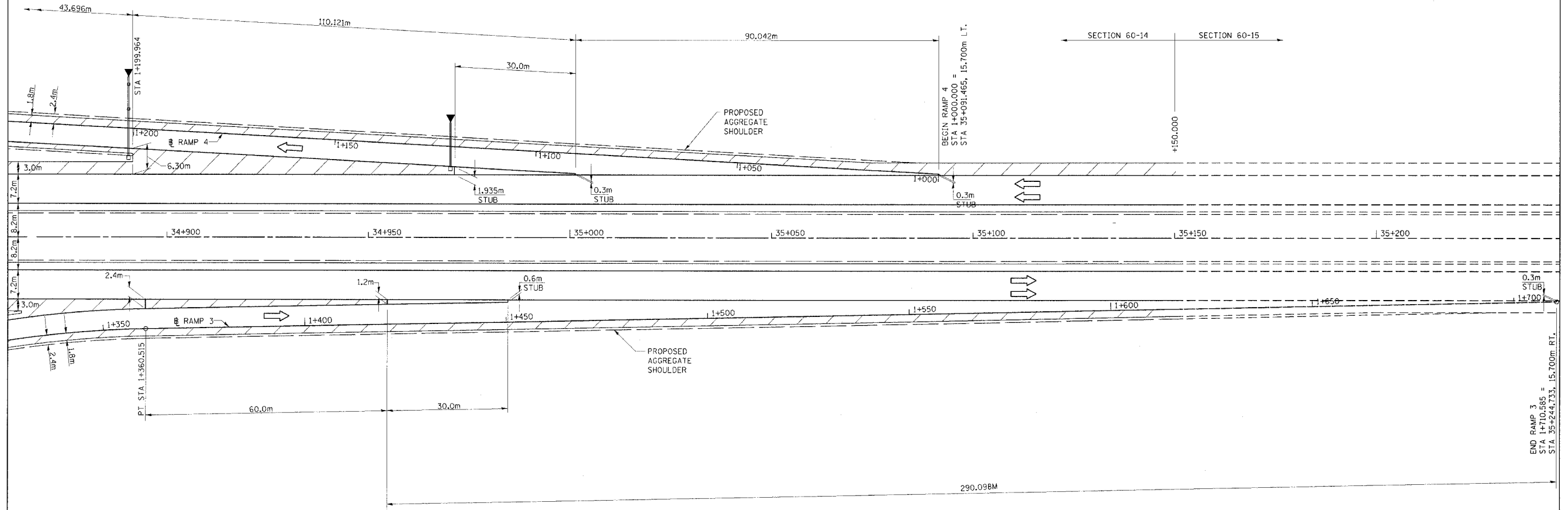
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERCHANGE RAMP 1 & 2
PAVING DETAILS
 FAP ROUTE 310
 FAP ROUTE 310 SECTION 60-14
 MADISON COUNTY
 DRAWN BY BANDY
 CHECKED BY STEUART
 DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	77
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
		SECTION 60-14 SECTION 60-14-1B		



CURVE P_RMP4MNL-1
 PI Sta. 1+288.978
 $\Delta = 22^\circ 22' 49.7''$ (RT)
 T = 45.500 m
 R = 230.000 m
 L = 89.841 m
 E = 4.457 m
 PC Sta. 1+243.477
 PT Sta. 1+333.318
 SE 8.0%
 TR = 18.375m
 SE RUN = 37.041m
 SE ATTAINED Sta. 1+189.877 TO Sta. 1+269.877
 SE REMOVED Sta. 1+306.918 TO Sta. 1+386.918



CURVE P_RMP3MNL-1
 PI Sta. 1+308.272
 $\Delta = 23^\circ 21' 15.2''$ (RT)
 T = 53.735 m
 R = 260.000 m
 L = 105.978 m
 E = 5.495 m
 PC Sta. 1+254.537
 PT Sta. 1+360.515
 SE 8.0%
 TR = 18.375m
 SE RUN = 39.578m
 SE ATTAINED Sta. 1+200.937 TO Sta. 1+280.937
 SE REMOVED Sta. 1+320.515 TO Sta. 1+400.515

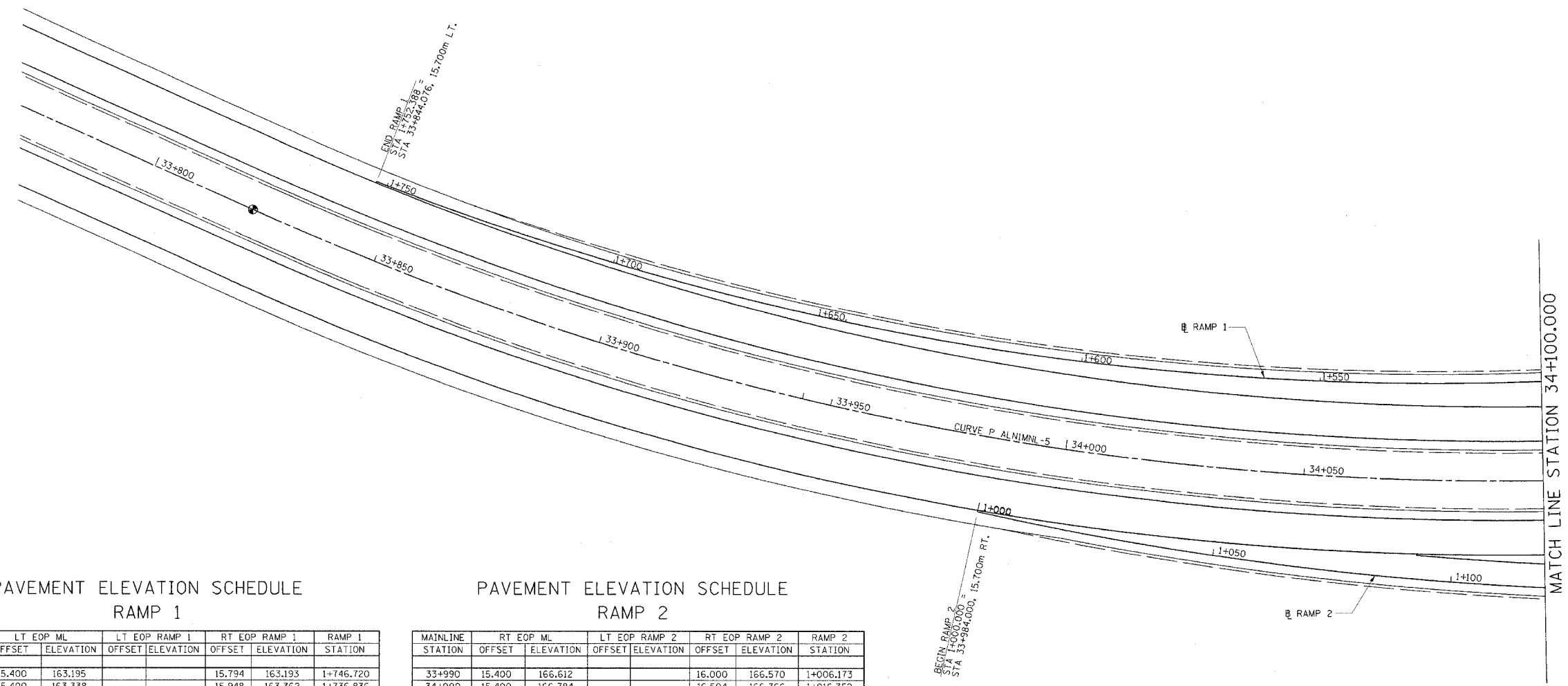
PROPOSED BITUMINOUS SHOULDER



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERCHANGE RAMPS 3 & 4
PAVING DETAIL
 FAP ROUTE 310
 FAP ROUTE 310 SECTION 60-14
 MADISON COUNTY
 DRAWN BY BANDY
 CHECKED BY STEUART
 DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	*	MADISON	452	78
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
SECTION 60-14 SECTION 60-14-1B				

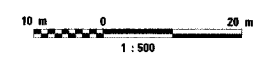


PAVEMENT ELEVATION SCHEDULE
RAMP 1

MAINLINE STATION	LT EOP ML OFFSET	ELEVATION	LT EOP RAMP 1 OFFSET	ELEVATION	RT EOP RAMP 1 OFFSET	ELEVATION	RAMP 1 STATION
33+850	15.400	163.195			15.794	163.193	1+746.720
33+860	15.400	163.338			15.948	163.362	1+736.836
33+870	15.400	163.521			16.108	163.529	1+727.081
33+880	15.400	163.701			16.282	163.697	1+717.263
33+890	15.400	163.883			16.425	163.863	1+707.621
33+900	15.400	164.065			16.615	164.031	1+697.810
33+910	15.400	164.246			16.790	164.196	1+688.175
33+920	15.400	164.428			16.597	164.364	1+678.360
33+930	15.400	164.610			17.137	164.529	1+668.679
33+940	15.400	164.792			17.308	164.695	1+658.942
33+950	15.400	164.975			17.511	164.862	1+649.210
33+960	15.400	165.156			17.703	165.027	1+639.523
33+970	15.400	165.338			17.890	165.197	1+629.569
33+980	15.400	165.520			18.083	165.360	1+620.026
33+990	15.400	165.702			18.281	165.526	1+610.331
34+000	15.400	165.885			18.483	165.693	1+600.550
34+010	15.400	166.067			18.685	165.856	1+590.940
34+020	15.400	166.249			18.889	166.021	1+581.168
34+030	15.400	166.432			19.110	166.185	1+571.495
34+040	15.400	166.614			19.324	166.353	1+561.621
34+050	15.400	166.797			19.530	166.514	1+552.129
34+060	15.400	166.979			19.743	166.678	1+542.439
34+070	15.400	167.162			19.964	166.844	1+532.672
34+080	15.400	167.345			20.183	167.006	1+523.092
34+090	15.400	167.528			20.414	167.169	1+513.511
34+100	15.400	167.711			20.634	167.335	1+503.714

PAVEMENT ELEVATION SCHEDULE
RAMP 2

MAINLINE STATION	RT EOP ML OFFSET	ELEVATION	LT EOP RAMP 2 OFFSET	ELEVATION	RT EOP RAMP 2 OFFSET	ELEVATION	RAMP 2 STATION
33+990	15.400	166.612			16.000	166.570	1+006.173
34+000	15.400	166.784			16.504	166.766	1+016.352
34+010	15.400	166.957			17.028	166.966	1+026.724
34+020	15.400	167.129			17.557	167.164	1+036.985
34+030	15.400	167.301			18.098	167.362	1+047.286
34+040	15.400	167.472			18.650	167.561	1+057.587
34+050	15.400	167.644			19.214	167.760	1+067.920
34+060	15.400	167.815			19.787	167.959	1+078.231
34+070	15.400	167.987			20.372	168.158	1+088.570
34+080	15.400	168.139	16.062	168.160	20.954	168.319	1+098.680
34+090	15.400	168.313	16.662	168.349	21.553	168.461	1+108.948
34+100	15.400	168.490	17.273	168.534	22.164	168.602	1+119.228



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERCHANGE RAMPS 1 & 2
PAVEMENT ELEVATION DETAIL

FAP ROUTE 310
 FAP ROUTE 310 SECTION 60-14
 MADISON COUNTY

DATE _____ DRAWN BY BANDY
 CHECKED BY STEUART

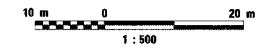
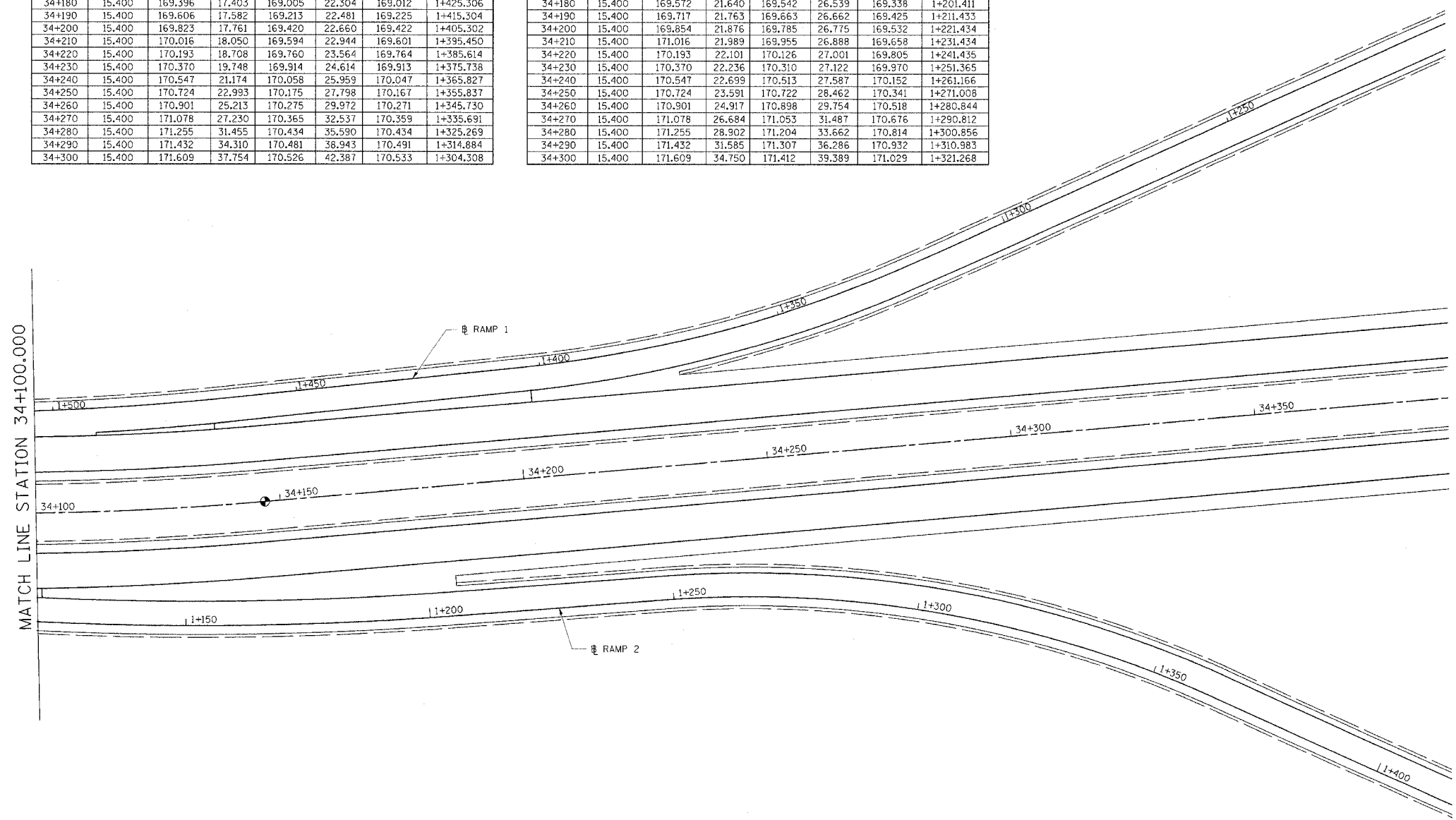
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	•	MADISON	452	79
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SECTION 60-14 SECTION 60-14-1B				

PAVEMENT ELEVATION SCHEDULE
RAMP 1

MAINLINE STATION	LT EOP ML OFFSET	LT EOP ML ELEVATION	LT EOP RAMP 1 OFFSET	LT EOP RAMP 1 ELEVATION	RT EOP RAMP 1 OFFSET	RT EOP RAMP 1 ELEVATION	RAMP 1 STATION
34+110	15.400	167.821			20.862	167.499	1+494.026
34+120	15.400	167.998	16.192	167.722	21.091	167.698	1+484.460
34+130	15.400	168.204	16.425	167.916	21.330	167.912	1+474.822
34+140	15.400	168.447	16.660	168.133	21.552	168.127	1+465.125
34+150	15.400	168.689	16.871	168.350	21.769	168.350	1+455.122
34+160	15.400	168.931	17.045	168.567	21.944	168.567	1+445.309
34+170	15.400	169.174	17.224	168.790	22.123	168.790	1+435.307
34+180	15.400	169.396	17.403	169.005	22.304	169.012	1+425.306
34+190	15.400	169.606	17.582	169.213	22.481	169.225	1+415.304
34+200	15.400	169.823	17.761	169.420	22.660	169.422	1+405.302
34+210	15.400	170.016	18.050	169.594	22.944	169.601	1+395.450
34+220	15.400	170.193	18.708	169.760	23.564	169.764	1+385.614
34+230	15.400	170.370	19.748	169.914	24.614	169.913	1+375.738
34+240	15.400	170.547	21.174	170.058	25.959	170.047	1+365.827
34+250	15.400	170.724	22.993	170.175	27.798	170.167	1+355.837
34+260	15.400	170.901	25.213	170.275	29.972	170.271	1+345.730
34+270	15.400	171.078	27.230	170.365	32.537	170.359	1+335.691
34+280	15.400	171.255	31.455	170.434	35.590	170.434	1+325.269
34+290	15.400	171.432	34.310	170.481	38.943	170.491	1+314.884
34+300	15.400	171.609	37.754	170.526	42.387	170.533	1+304.308

PAVEMENT ELEVATION SCHEDULE
RAMP 2

MAINLINE STATION	RT EOP ML OFFSET	RT EOP ML ELEVATION	LT EOP RAMP 2 OFFSET	LT EOP RAMP 2 ELEVATION	RT EOP RAMP 2 OFFSET	RT EOP RAMP 2 ELEVATION	RAMP 2 STATION
34+110	15.400	168.667	17.905	168.712	22.796	168.747	1+129.728
34+120	15.400	168.844	18.549	168.888	23.429	168.884	1+140.226
34+130	15.400	168.991	19.186	169.026	24.076	168.988	1+150.501
34+140	15.400	169.103	19.842	169.134	24.733	169.065	1+160.926
34+150	15.400	169.216	20.489	169.241	25.380	169.133	1+171.177
34+160	15.400	169.328	21.017	169.336	25.913	169.201	1+181.271
34+170	15.400	169.440	21.401	169.433	26.299	169.268	1+191.342
34+180	15.400	169.572	21.640	169.542	26.539	169.338	1+201.411
34+190	15.400	169.717	21.763	169.663	26.662	169.425	1+211.433
34+200	15.400	169.854	21.876	169.785	26.775	169.532	1+221.434
34+210	15.400	171.016	21.989	169.955	26.888	169.658	1+231.434
34+220	15.400	170.193	22.101	170.126	27.001	169.805	1+241.435
34+230	15.400	170.370	22.236	170.310	27.122	169.970	1+251.365
34+240	15.400	170.547	22.699	170.513	27.587	170.152	1+261.166
34+250	15.400	170.724	23.591	170.722	28.462	170.341	1+271.008
34+260	15.400	170.901	24.917	170.898	29.754	170.518	1+280.844
34+270	15.400	171.078	26.684	171.053	31.487	170.676	1+290.812
34+280	15.400	171.255	28.902	171.204	33.662	170.814	1+300.856
34+290	15.400	171.432	31.585	171.307	36.286	170.932	1+310.983
34+300	15.400	171.609	34.750	171.412	39.389	171.029	1+321.268



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERCHANGE RAMPS 1 & 2
PAVEMENT ELEVATION DETAIL

FAP ROUTE 310
 FAP ROUTE 310 SECTION 60-14
 MADISON COUNTY

DRAWN BY BANDY
 CHECKED BY STEUART

DATE

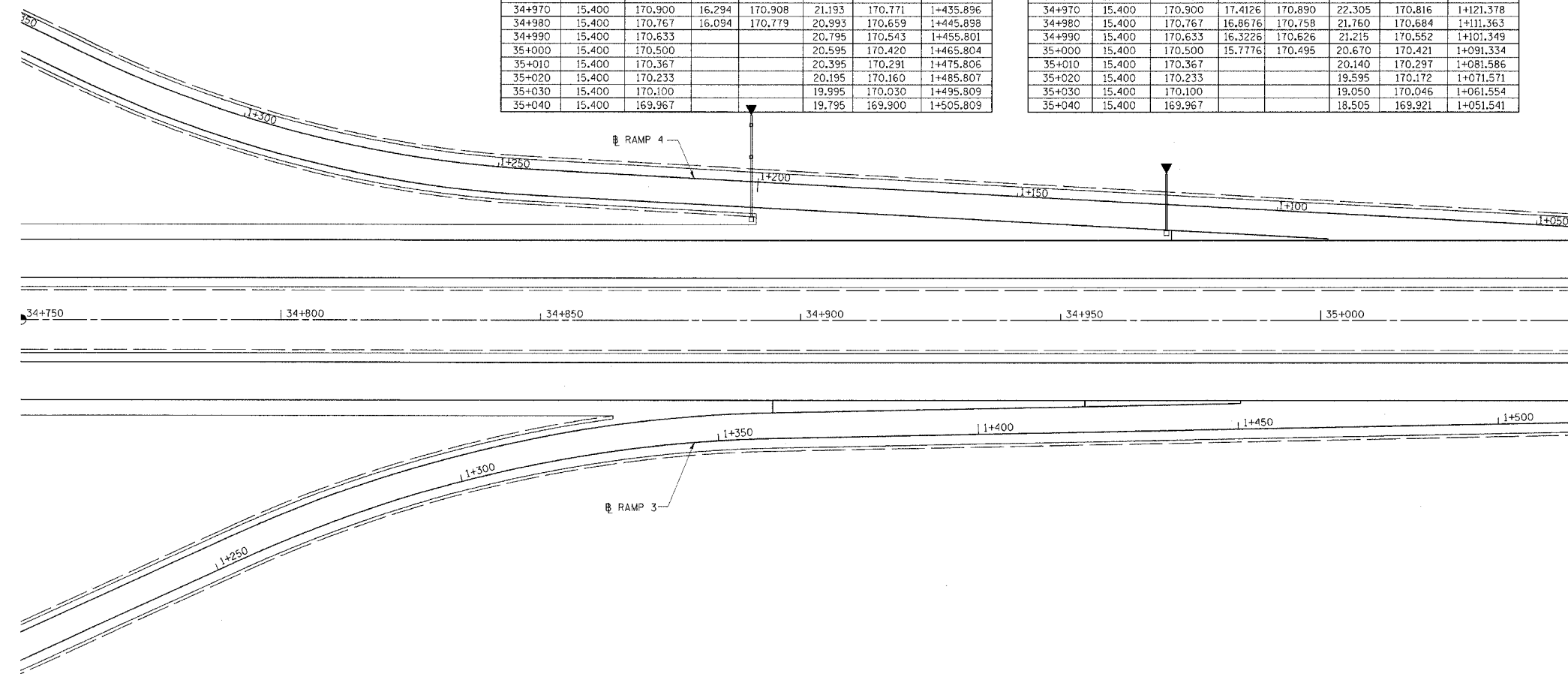
PAVEMENT ELEVATION SCHEDULE
RAMP 3

MAINLINE STATION	RT EOP ML OFFSET	RT EOP ML ELEVATION	LT EOP RAMP 3 OFFSET	LT EOP RAMP 3 ELEVATION	RT EOP RAMP 3 OFFSET	RT EOP RAMP 3 ELEVATION	RAMP 3 STATION
34+775	15.400	173.500	48.471	172.136	52.930	171.927	1+237.965
34+780	15.400	173.433	46.193	172.192	50.651	171.959	1+243.461
34+790	15.400	173.300	41.636	172.283	46.126	172.008	1+254.374
34+800	15.400	173.167	37.320	172.348	41.864	172.039	1+265.127
34+810	15.400	173.033	33.483	172.417	38.098	172.052	1+275.633
34+820	15.400	172.900	30.095	172.414	34.769	172.049	1+286.013
34+830	15.400	172.767	27.146	172.411	31.875	172.030	1+296.240
34+840	15.400	172.633	24.617	172.380	29.396	171.995	1+306.348
34+850	15.400	172.500	22.496	172.326	27.312	171.946	1+316.393
34+860	15.400	172.367	20.775	172.271	25.622	171.882	1+326.351
34+870	15.400	172.233	19.445	172.168	24.315	171.804	1+336.259
34+880	15.400	172.100	18.499	172.059	23.386	171.712	1+346.122
34+890	15.400	171.967	17.934	171.936	22.841	171.609	1+355.952
34+900	15.400	171.833	17.694	171.810	22.593	171.505	1+365.882
34+910	15.400	171.700	17.494	171.682	22.393	171.401	1+375.883
34+920	15.400	171.567	17.294	171.553	22.193	171.296	1+385.883
34+930	15.400	171.433	17.094	171.424	21.993	171.192	1+395.887
34+940	15.400	171.300	16.894	171.295	21.793	171.087	1+405.889
34+950	15.400	171.167	16.694	171.166	21.593	170.982	1+415.892
34+960	15.400	171.033	16.494	171.037	21.393	170.878	1+425.893
34+970	15.400	170.900	16.294	170.908	21.193	170.771	1+435.896
34+980	15.400	170.767	16.094	170.779	20.993	170.659	1+445.898
34+990	15.400	170.633			20.795	170.543	1+455.801
35+000	15.400	170.500			20.595	170.420	1+465.804
35+010	15.400	170.367			20.395	170.291	1+475.806
35+020	15.400	170.233			20.195	170.160	1+485.807
35+030	15.400	170.100			19.995	170.030	1+495.809
35+040	15.400	169.967			19.795	169.900	1+505.809

PAVEMENT ELEVATION SCHEDULE
RAMP 4

MAINLINE STATION	LT EOP ML OFFSET	LT EOP ML ELEVATION	LT EOP RAMP 4 OFFSET	LT EOP RAMP 4 ELEVATION	RT EOP RAMP 4 OFFSET	RT EOP RAMP 4 ELEVATION	RAMP 4 STATION
34+775	15.400	173.500	39.965	172.512	44.538	172.170	1+317.056
34+780	15.400	173.433	38.0669	172.609	42.686	172.241	1+318.840
34+790	15.400	173.300	34.6534	172.739	39.334	172.347	1+301.470
34+800	15.400	173.167	31.7315	172.801	36.461	172.409	1+291.302
34+810	15.400	173.033	29.2823	172.820	34.077	172.428	1+281.205
34+820	15.400	172.900	27.291	172.801	32.124	172.409	1+271.218
34+830	15.400	172.767	25.7456	172.764	30.610	172.380	1+261.317
34+840	15.400	172.633	24.6375	172.673	29.523	172.337	1+251.463
34+850	15.400	172.500	23.9526	172.565	28.845	172.277	1+241.556
34+860	15.400	172.367	23.4076	172.444	28.300	172.201	1+231.541
34+870	15.400	172.233	22.8626	172.314	27.755	172.107	1+221.527
34+880	15.400	172.100	22.3176	172.169	27.210	171.997	1+211.512
34+890	15.400	171.967	21.7726	172.007	26.665	171.870	1+201.497
34+900	15.400	171.833	21.2276	171.840	26.120	171.739	1+191.482
34+910	15.400	171.700	20.6826	171.681	25.575	171.607	1+181.467
34+920	15.400	171.567	20.1374	171.549	25.030	171.475	1+171.449
34+930	15.400	171.433	19.5926	171.417	24.485	171.343	1+161.438
34+940	15.400	171.300	19.0476	171.285	23.940	171.211	1+151.423
34+950	15.400	171.167	18.5026	171.154	23.395	171.080	1+141.408
34+960	15.400	171.033	17.9576	171.029	22.850	170.955	1+131.939
34+970	15.400	170.900	17.4126	170.890	22.305	170.816	1+121.378
34+980	15.400	170.767	16.8676	170.758	21.760	170.684	1+111.363
34+990	15.400	170.633	16.3226	170.626	21.215	170.552	1+101.349
35+000	15.400	170.500	15.7776	170.495	20.670	170.421	1+091.334
35+010	15.400	170.367			20.140	170.297	1+081.586
35+020	15.400	170.233			19.595	170.172	1+071.571
35+030	15.400	170.100			19.050	170.046	1+061.554
35+040	15.400	169.967			18.505	169.921	1+051.541

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	*	MADISON	452	80
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
* SECTION 60-14				
SECTION 60-14-1B				



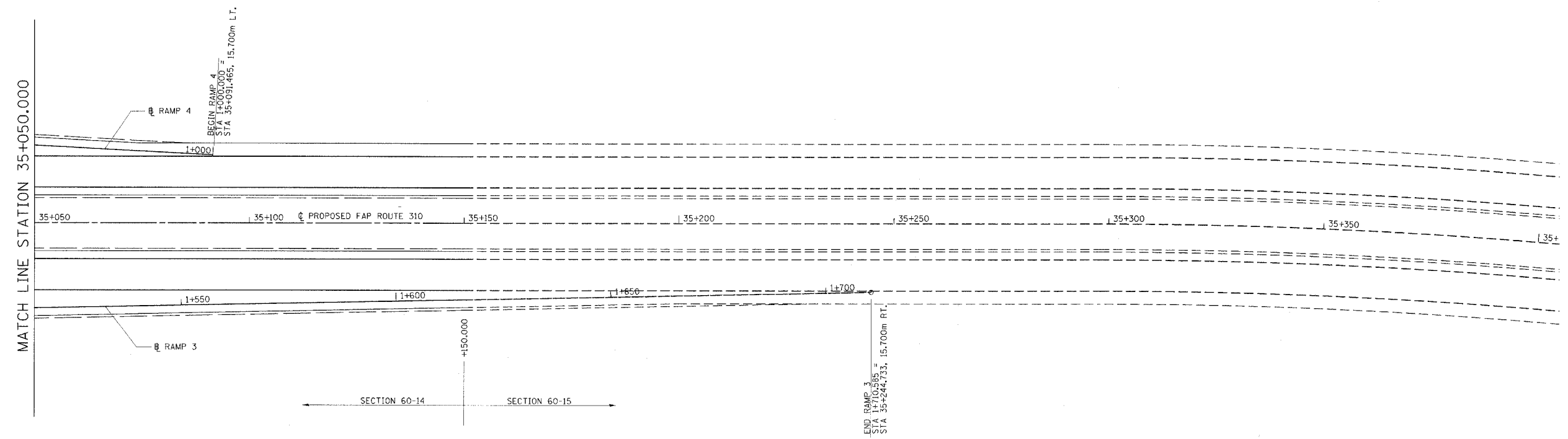
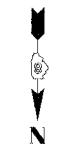
MATCH LINE STATION 35+050.000



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERCHANGE RAMPS 3 & 4
PAVEMENT ELEVATION DETAIL
 FAP ROUTE 310
 FAP ROUTE 310 SECTION 60-14
 MADISON COUNTY
 DRAWN BY BANDY
 CHECKED BY STEUART
 DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	•	MADISON	452	81
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
		SECTION 60-14 SECTION 60-14-1B		

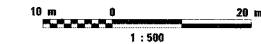


PAVEMENT ELEVATION SCHEDULE
RAMP 3

MAINLINE STATION	RT EOP ML OFFSET	ML ELEVATION	LT EOP RAMP 3 OFFSET	RAMP 3 ELEVATION	RT EOP RAMP 3 OFFSET	RAMP 3 ELEVATION	RAMP 3 STATION
35+050	15.400	169.833			19.595	169.769	1+515.814
35+060	15.400	169.700			19.395	169.639	1+525.816
35+070	15.400	169.567			19.195	169.509	1+535.818
35+080	15.400	169.433			18.995	169.379	1+545.820
35+090	15.400	169.300			18.795	169.248	1+555.822
35+100	15.400	169.167			18.595	169.118	1+565.824
35+110	15.400	169.033			18.395	168.988	1+575.825
35+120	15.400	168.900			18.195	168.857	1+585.827
35+130	15.400	168.767			17.995	168.727	1+595.830
35+140	15.400	168.633			17.795	168.597	1+605.831
35+150	15.400	168.500			17.595	168.466	1+615.831

PAVEMENT ELEVATION SCHEDULE
RAMP 4

MAINLINE STATION	RT EOP ML OFFSET	ML ELEVATION	LT EOP RAMP 4 OFFSET	RAMP 4 ELEVATION	RT EOP RAMP 4 OFFSET	RAMP 4 ELEVATION	RAMP 4 STATION
35+050	15.400	169.833			17.960	169.796	1+041.527
35+060	15.400	169.700			17.415	169.670	1+031.512
35+070	15.400	169.567			16.870	169.545	1+021.497
35+080	15.400	169.433			16.325	169.420	1+011.482
35+090	15.400	169.300			15.780	169.294	1+001.467



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERCHANGE RAMPS 3 & 4
PAVEMENT ELEVATION DETAIL

FAP ROUTE 310
 FAP ROUTE 310 SECTION 60-14
 MADISON COUNTY

DRAWN BY BANDY
 CHECKED BY STEUART

DATE

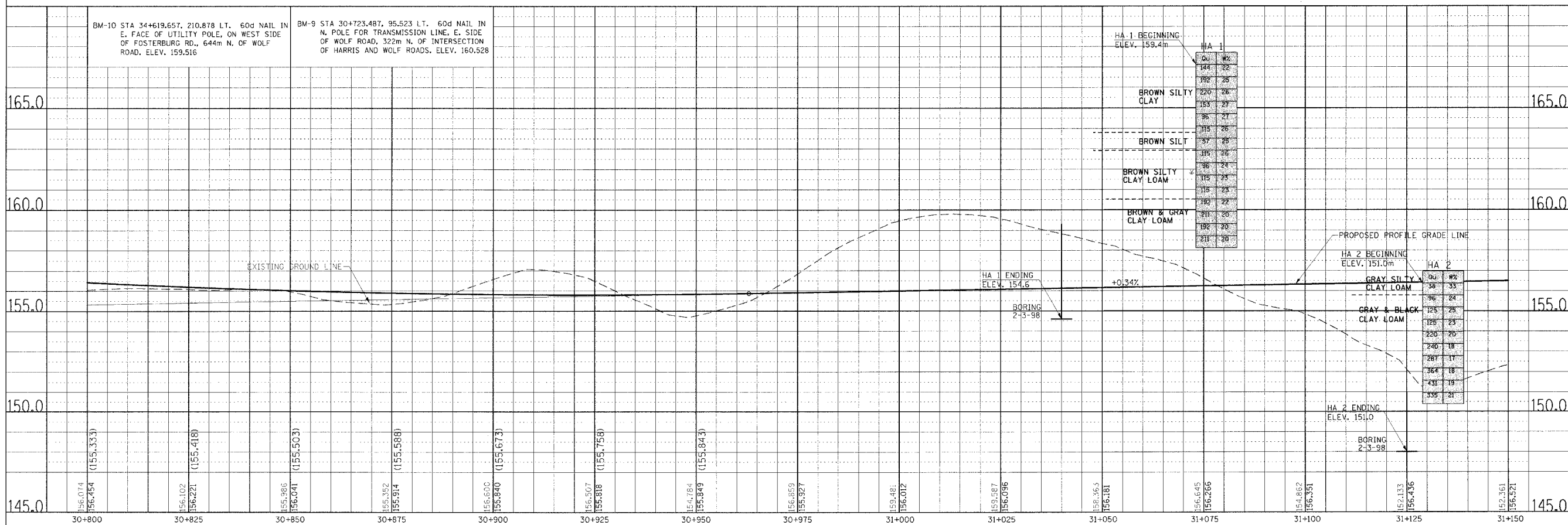
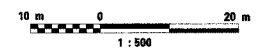
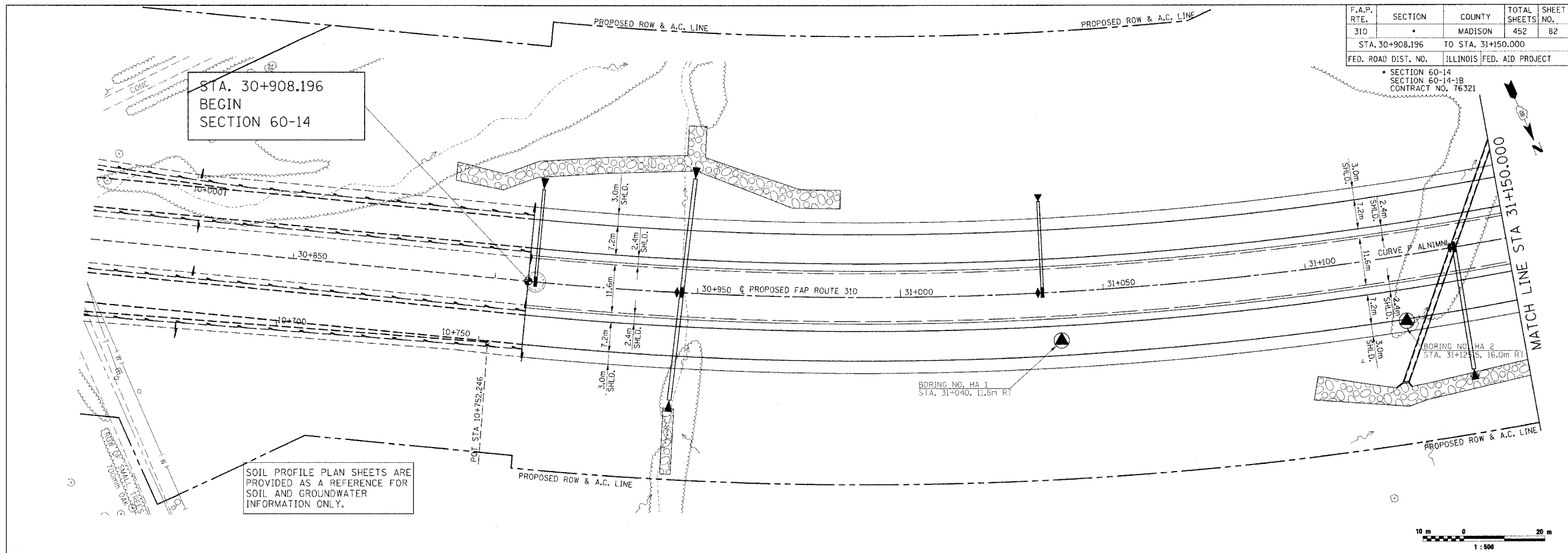
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	*	MADISON	452	82
STA. 30+908.196		TO STA. 31+150.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

STA. 30+908.196
BEGIN
SECTION 60-14

SECTION 60-14
SECTION 60-14-1B
CONTRACT NO. 76321

DATE	BY
DATE	BY

DATE	BY
DATE	BY

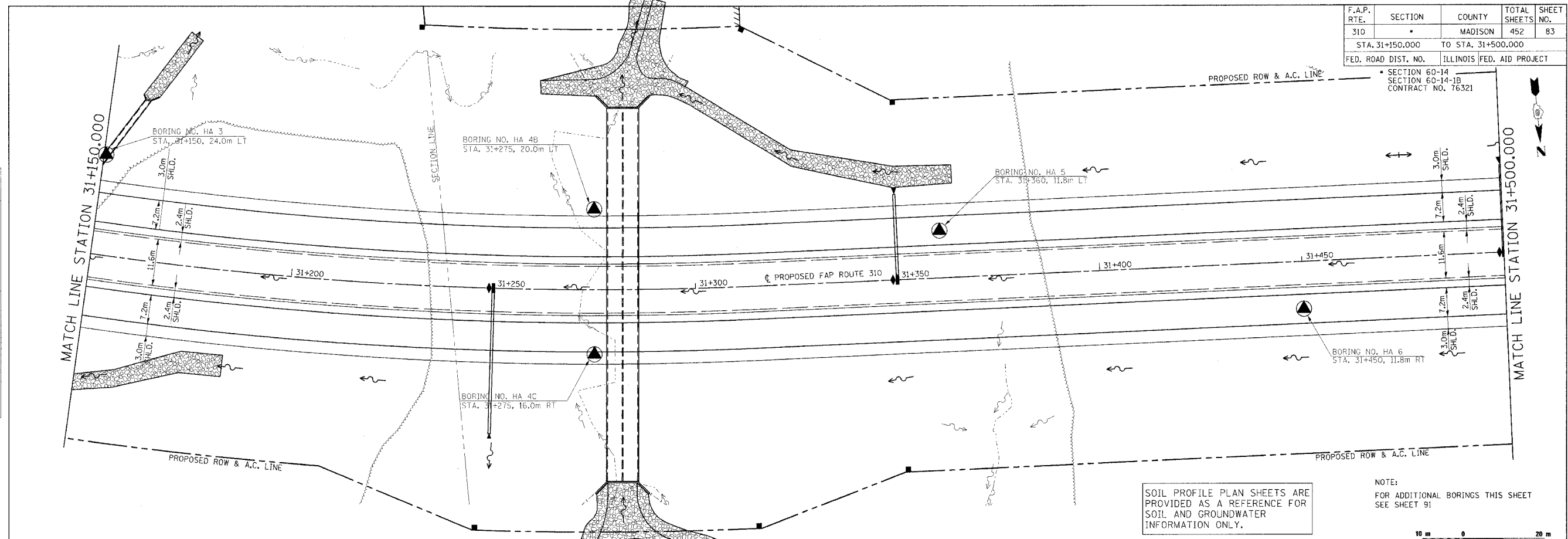


SOIL STRATA, PLAN & PROFILE, FAP 310, STA. 30+800.000 TO STA. 31+150.000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	83
STA. 31+150.000		TO STA. 31+500.000		
FED. ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	

SECTION 60-14
SECTION 60-14-1B
CONTRACT NO. 76321

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

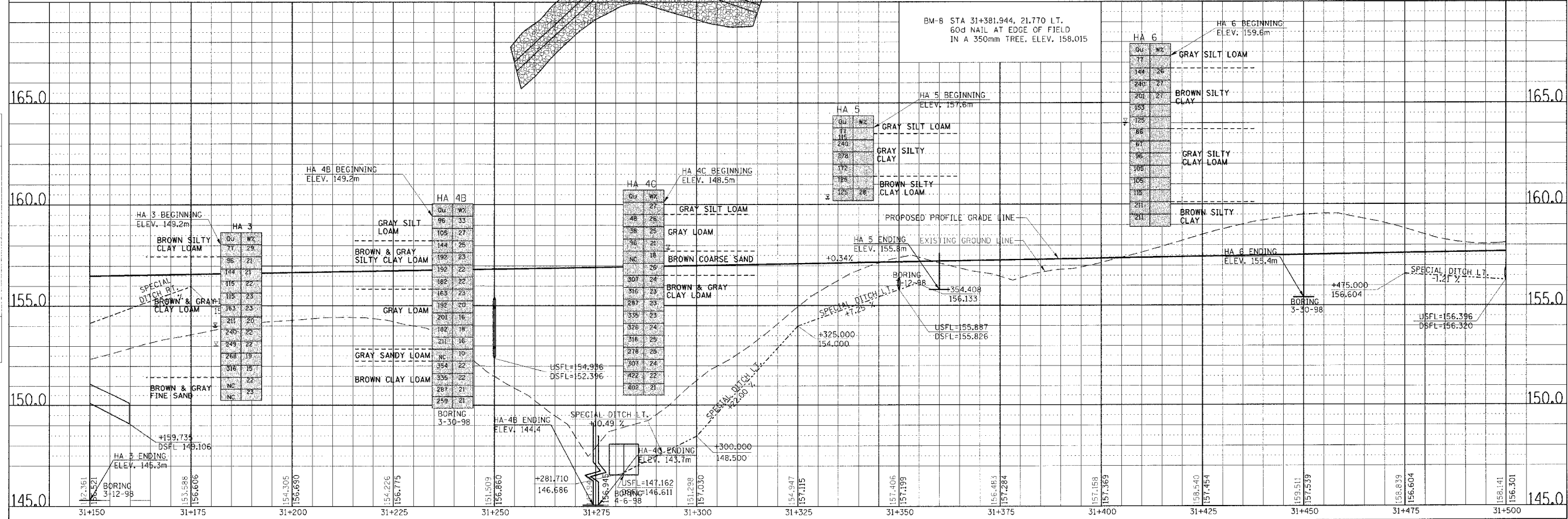


SOIL PROFILE PLAN SHEETS ARE PROVIDED AS A REFERENCE FOR SOIL AND GROUNDWATER INFORMATION ONLY.

NOTE:
FOR ADDITIONAL BORINGS THIS SHEET SEE SHEET 91



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



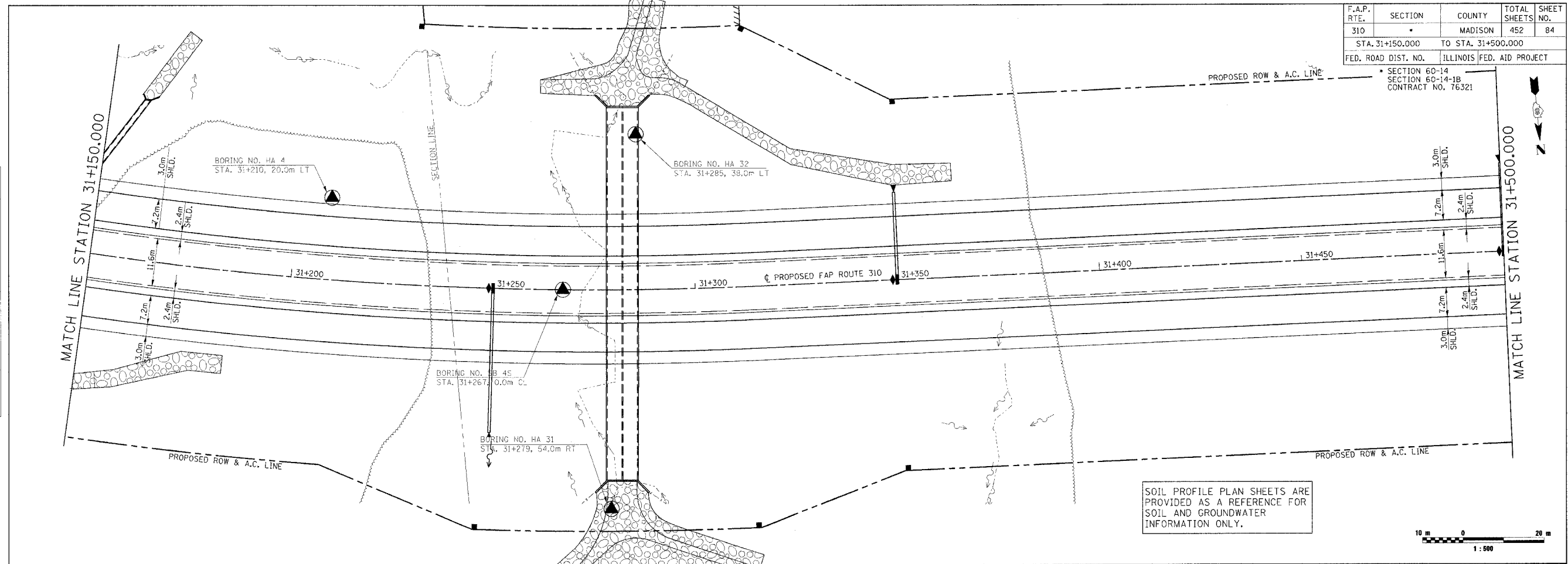
SOIL STRATA, PLAN & PROFILE, FAP 310, STA. 31+150.000 TO STA. 31+500.000

C:\pwworkspace\13101.dwg 25/11/2006 09:58:49 AM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	*	MADISON	452	84
STA. 31+150.000		TO STA. 31+500.000		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

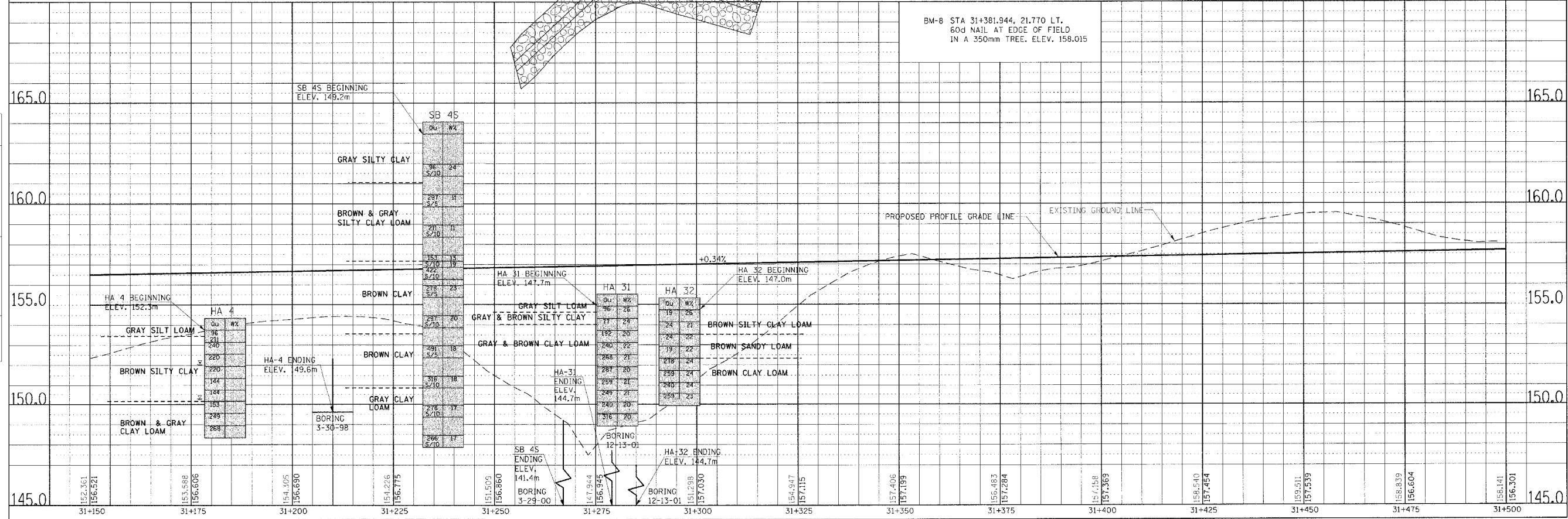
SECTION 60-14
SECTION 60-14-1B
CONTRACT NO. 76321

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



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

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

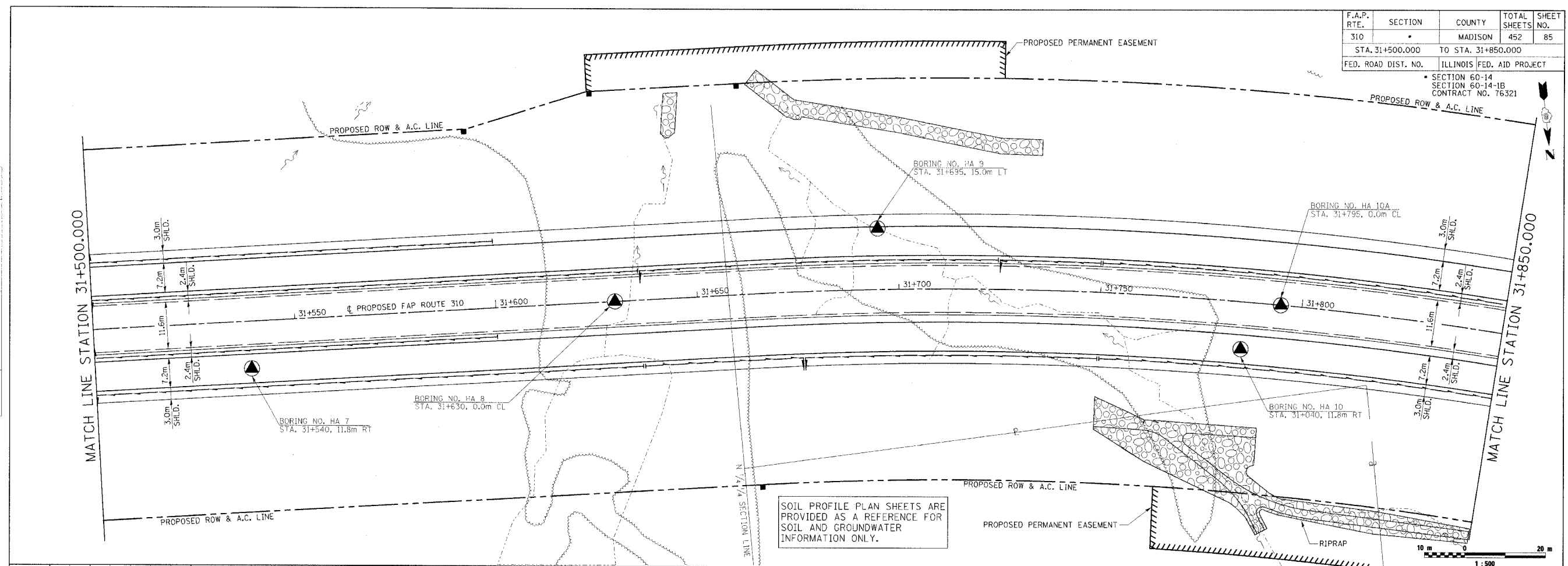


SOIL STRATA, PLAN & PROFILE, FAP 310, STA. 31+150.000 TO STA. 31+500.000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	85
STA. 31+500.000		TO STA. 31+850.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

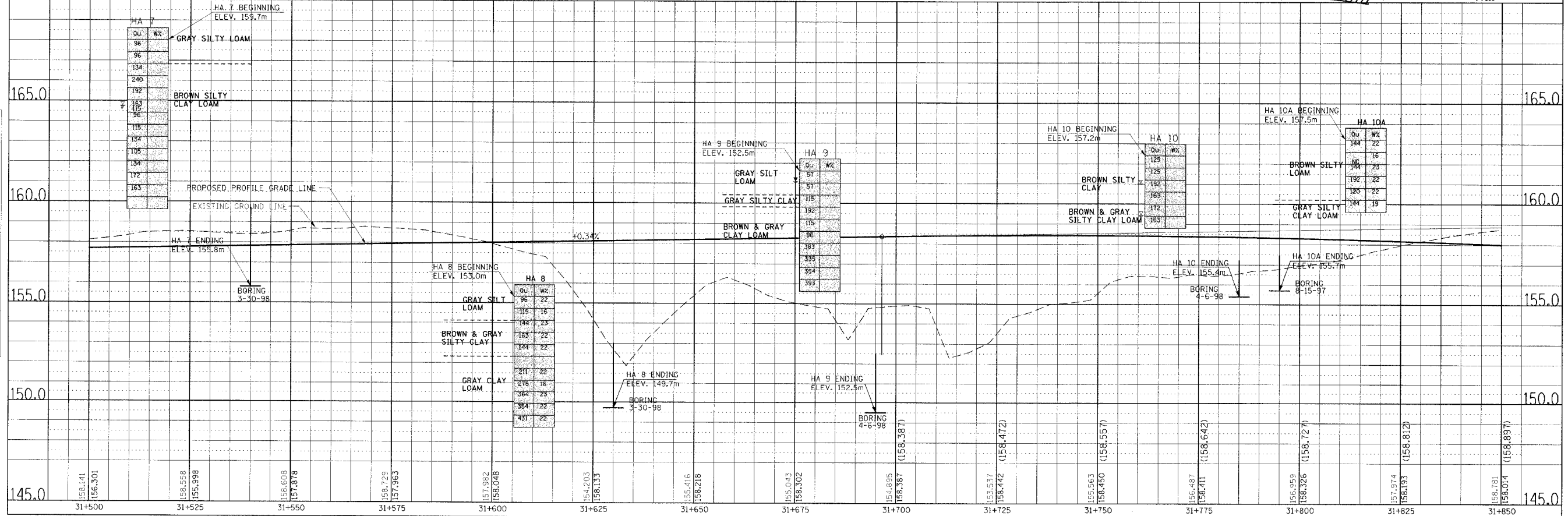
SECTION 60-14
SECTION 60-14-1B
CONTRACT NO. 76321

FINAL SURVEY	DATE
PLOTTED	
NOTE BOOK TEMPLATE	
AREAS CHECKED	
NO.	



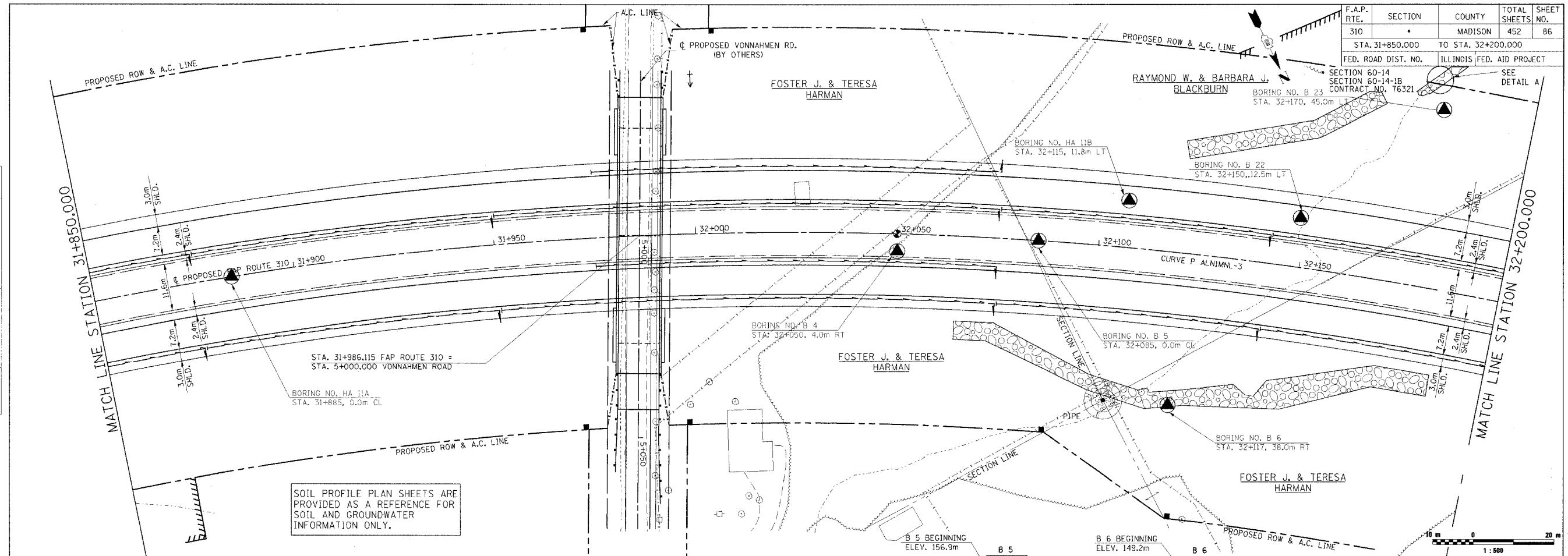
SOIL PROFILE PLAN SHEETS ARE PROVIDED AS A REFERENCE FOR SOIL AND GROUNDWATER INFORMATION ONLY.

ORIGINAL SURVEY	DATE
PLOTTED	
NOTE BOOK TEMPLATE	
AREAS CHECKED	
NO.	



SOIL STRATA, PLAN & PROFILE, FAP 310, STA. 31+500.000 TO STA. 31+850.000

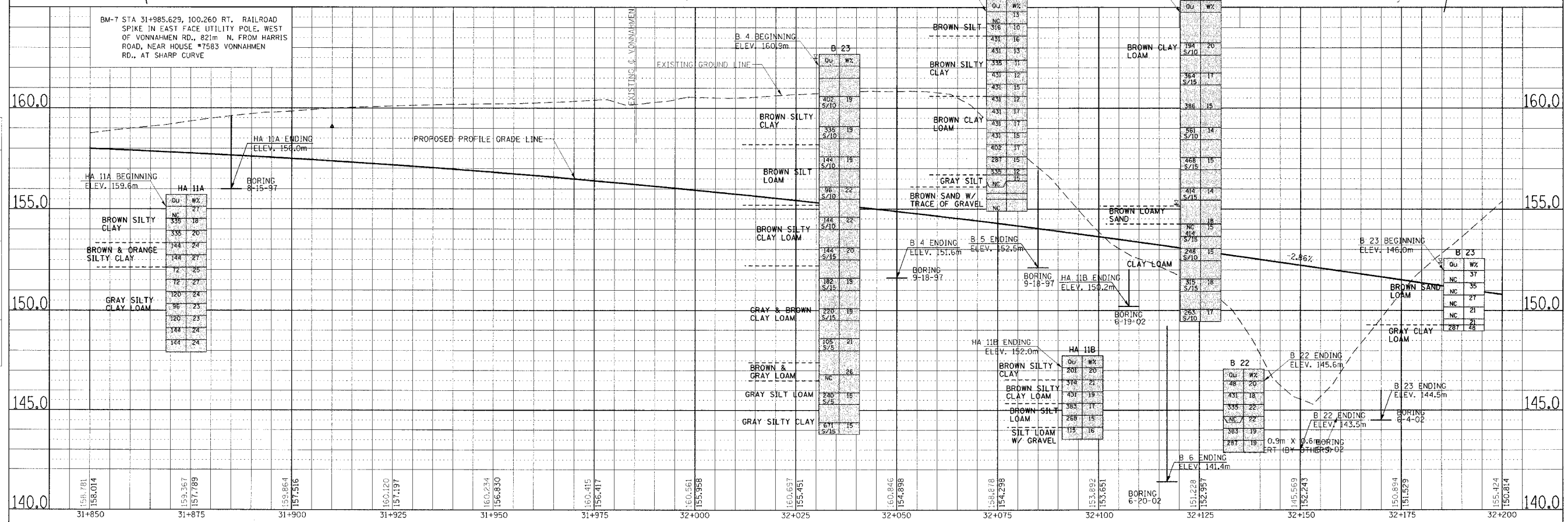
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	*	MADISON	452	86
STA. 31+850.000		TO STA. 32+200.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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

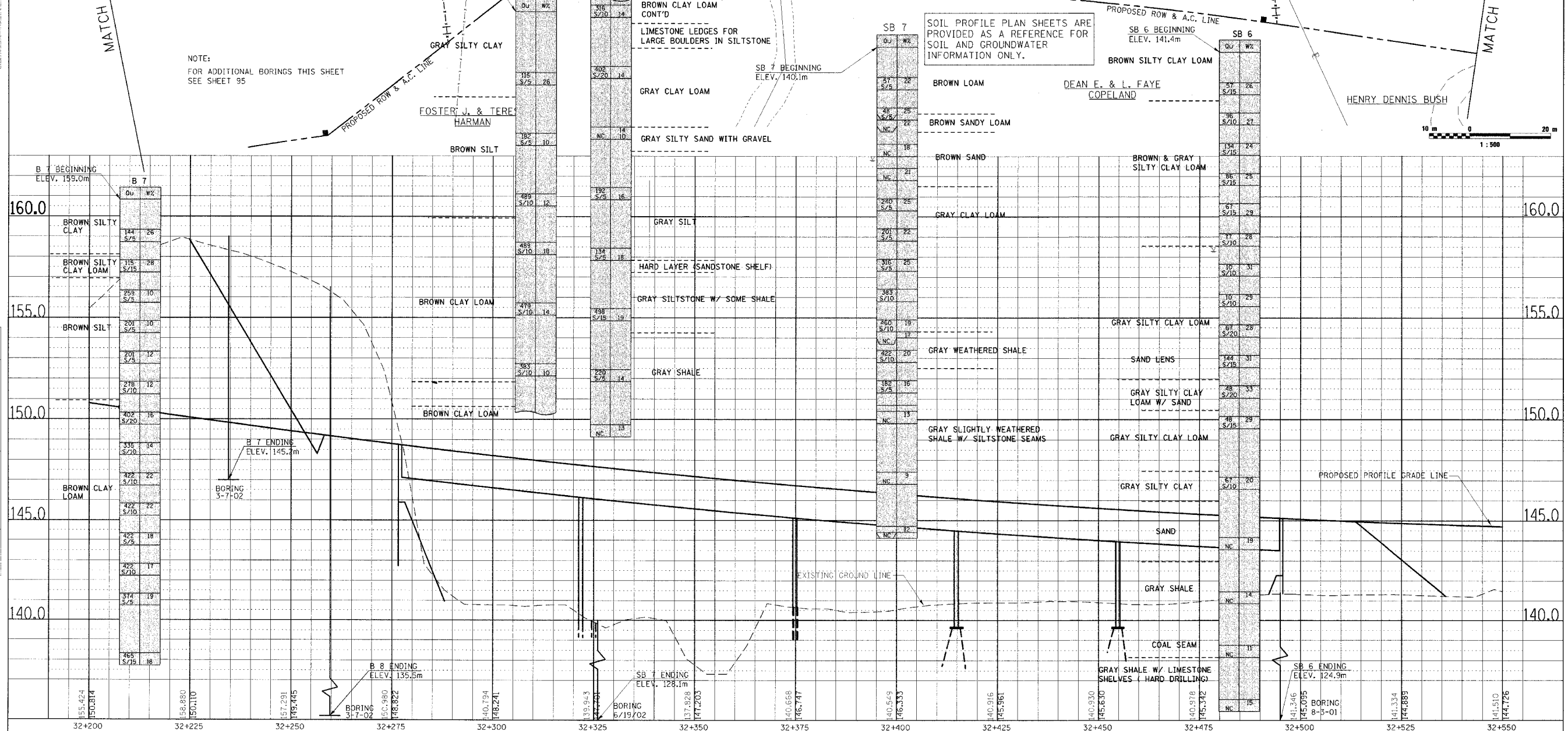
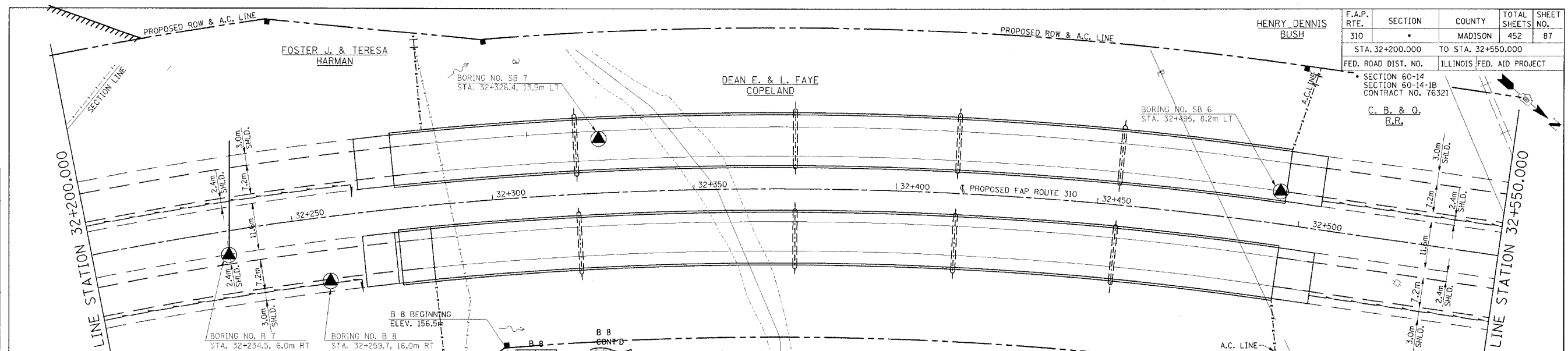
FINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK TEMPLATE		
AREAS CHECKED		
NO.		

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



SOIL STRATA, PLAN & PROFILE, FAP 310, STA. 31+850.000 TO STA. 32+200.000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	*	MADISON	452	87
STA. 32+200.000		TO STA. 32+550.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321				
C. B. & O. R.R.				



SOIL STRATA, PLAN & PROFILE, FAP 310, STA. 32+200.000 TO STA. 32+550.000

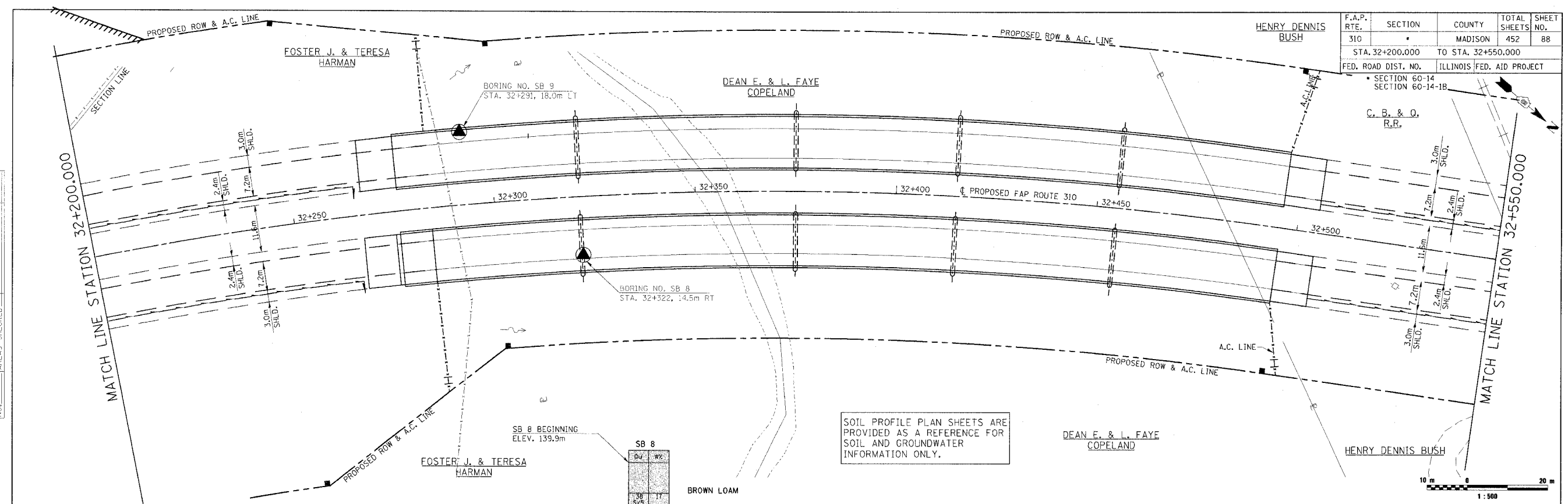
FINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK		
TEMPLATE		
AREAS CHECKED		
NO.		

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

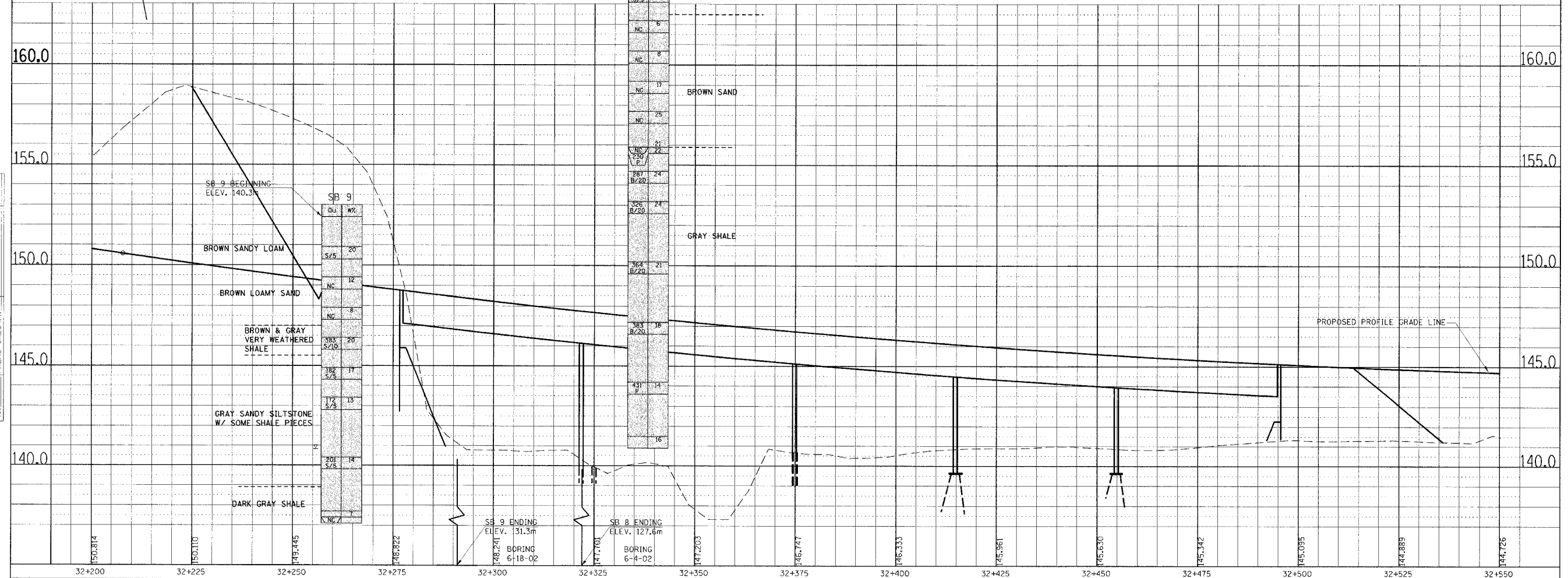
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	88
STA. 32+200.000		TO STA. 32+550.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		SECTION 60-14		
		SECTION 60-14-1B		

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

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

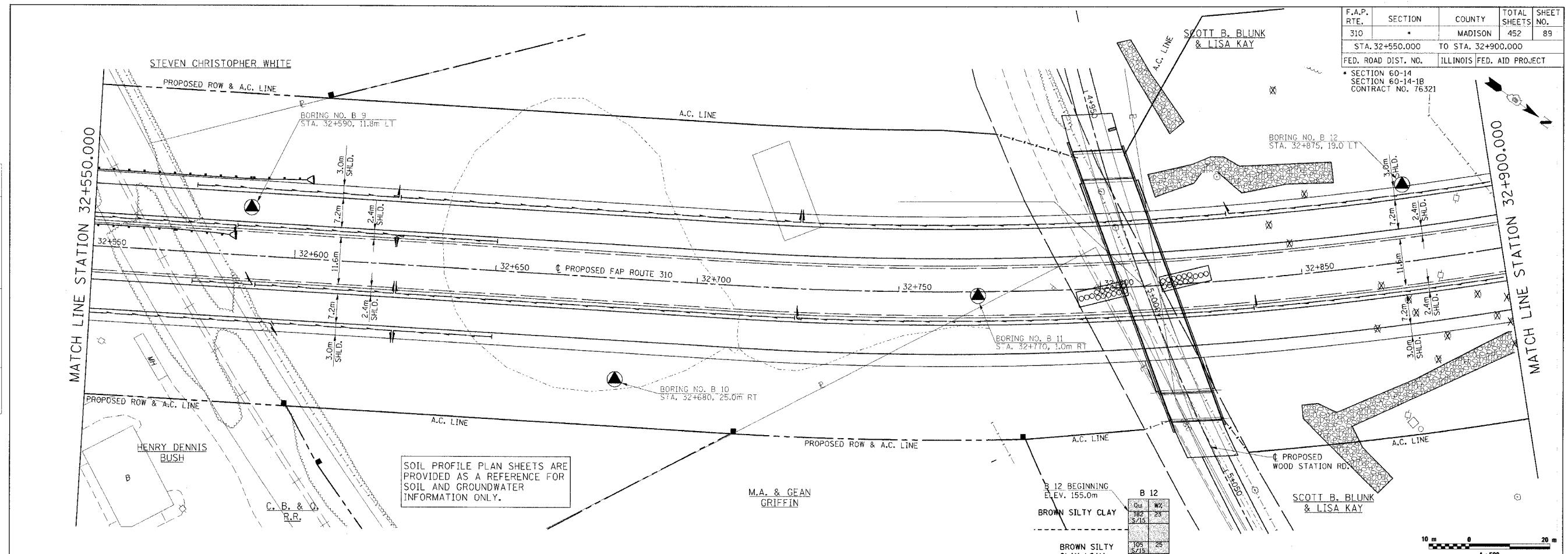


SOIL PROFILE PLAN SHEETS ARE PROVIDED AS A REFERENCE FOR SOIL AND GROUNDWATER INFORMATION ONLY.



SOIL STRATA, PLAN & PROFILE, FAP 310, STA. 32+200.000 TO STA. 32+550.000

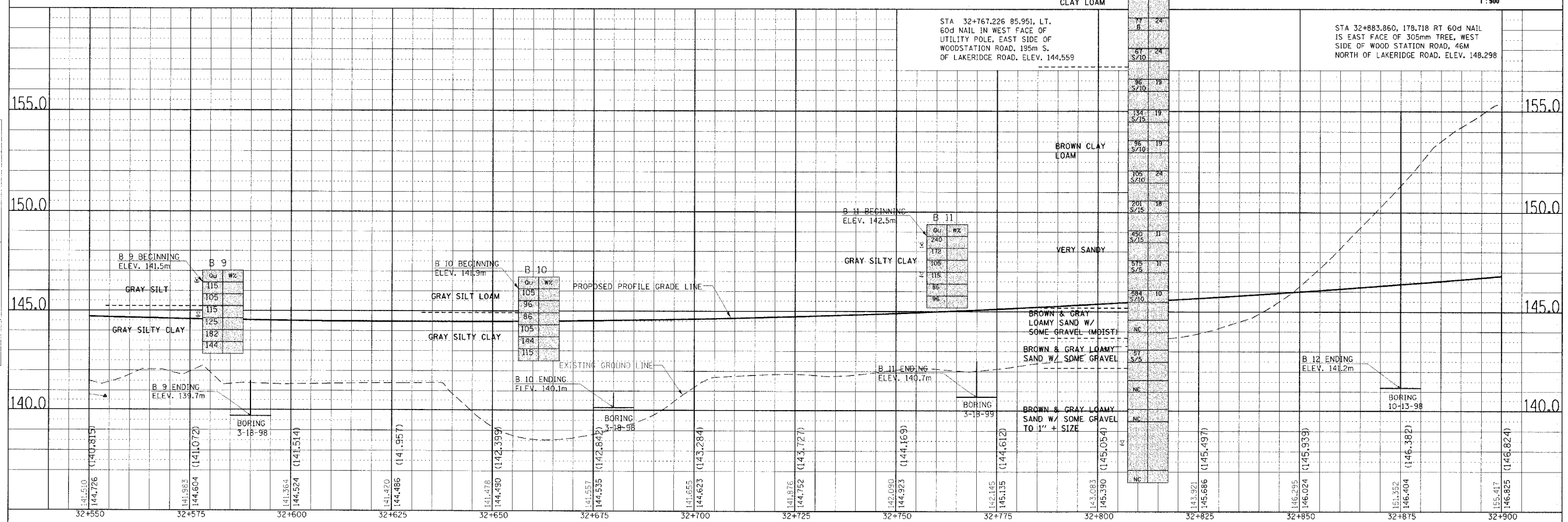
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	89
STA. 32+550.000		TO STA. 32+900.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321				



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

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

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

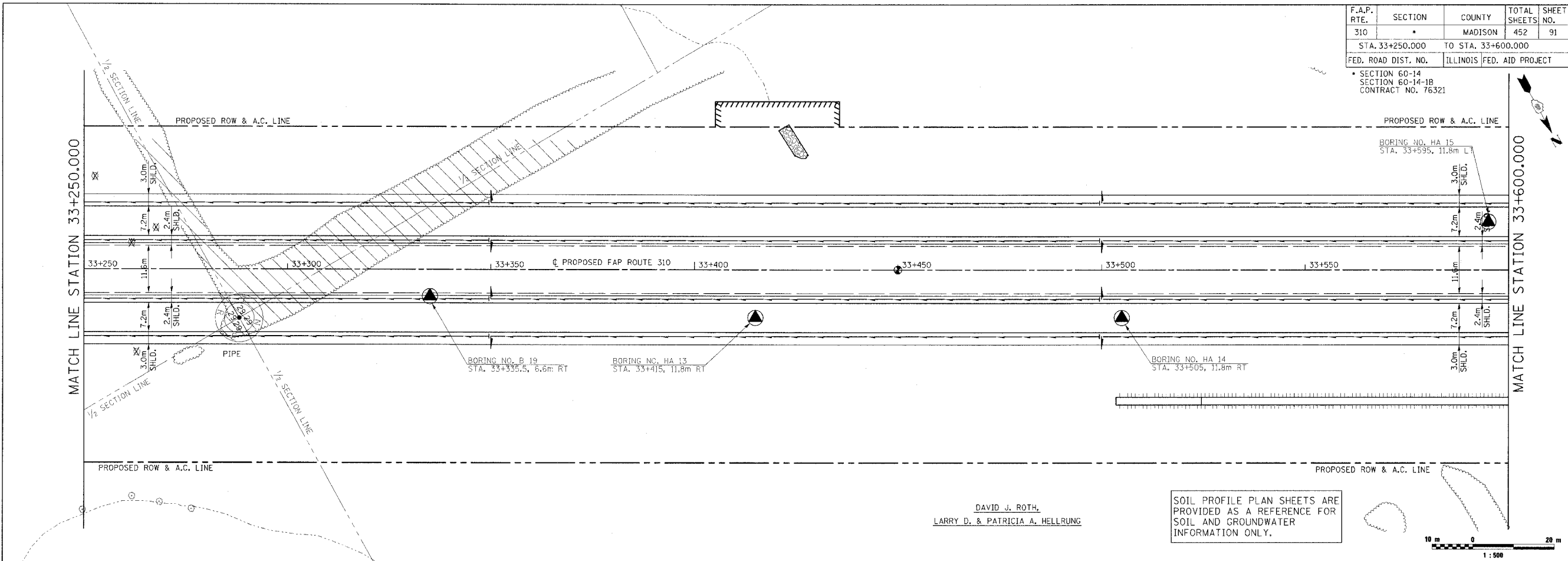


SOIL STRATA, PLAN & PROFILE, FAP 310, STA. 32+550.000 TO STA. 32+900.000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	91
STA. 33+250.000		TO STA. 33+600.000		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SECTION 60-14
SECTION 60-14-1B
CONTRACT NO. 76321

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

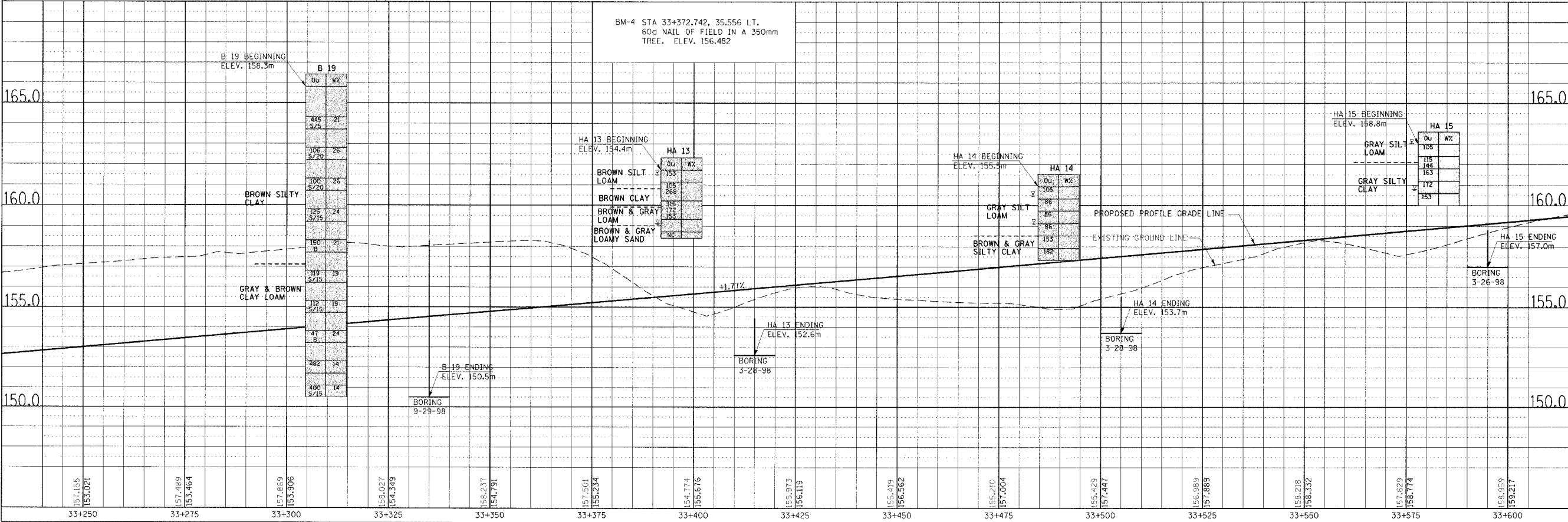


DAVID J. ROTH,
LARRY D. & PATRICIA A. HELLRUNG

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



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

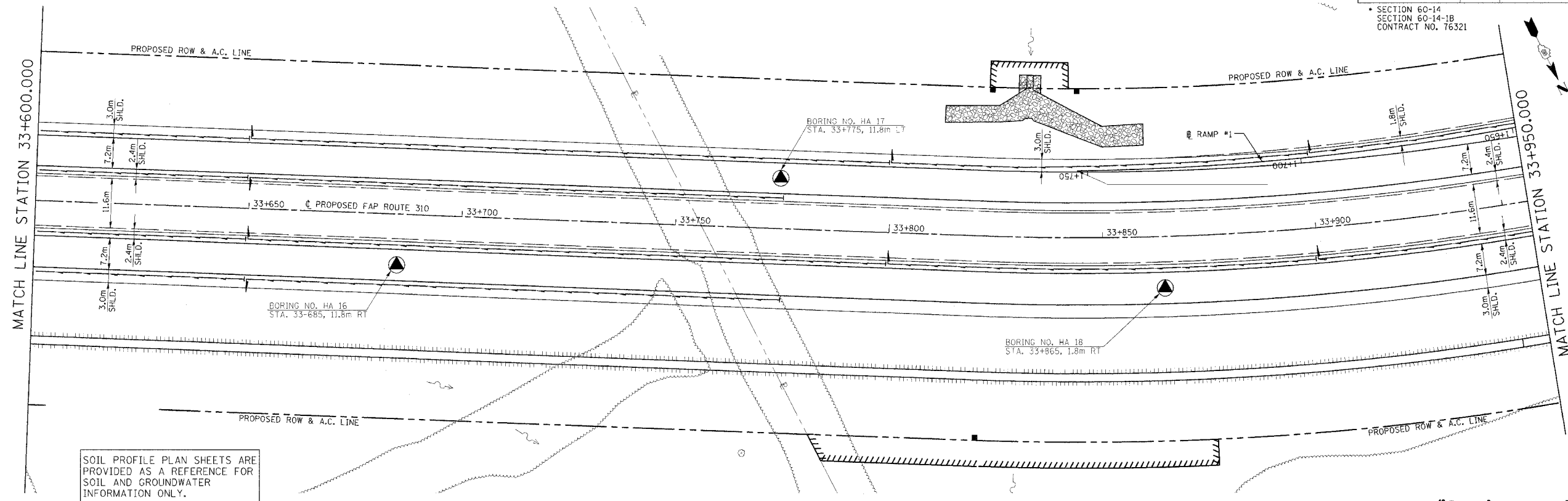


SOIL STRATA, PLAN & PROFILE, FAP 310, STA. 33+250.000 TO STA. 33+600.000

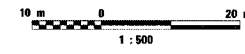
DATE PLOTTED: 11/11/98

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	*	MADISON	452	92
STA. 33+600.000		TO STA. 33+950.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* SECTION 60-14 SECTION 60-14-1B CONTRACT NO. 76321				

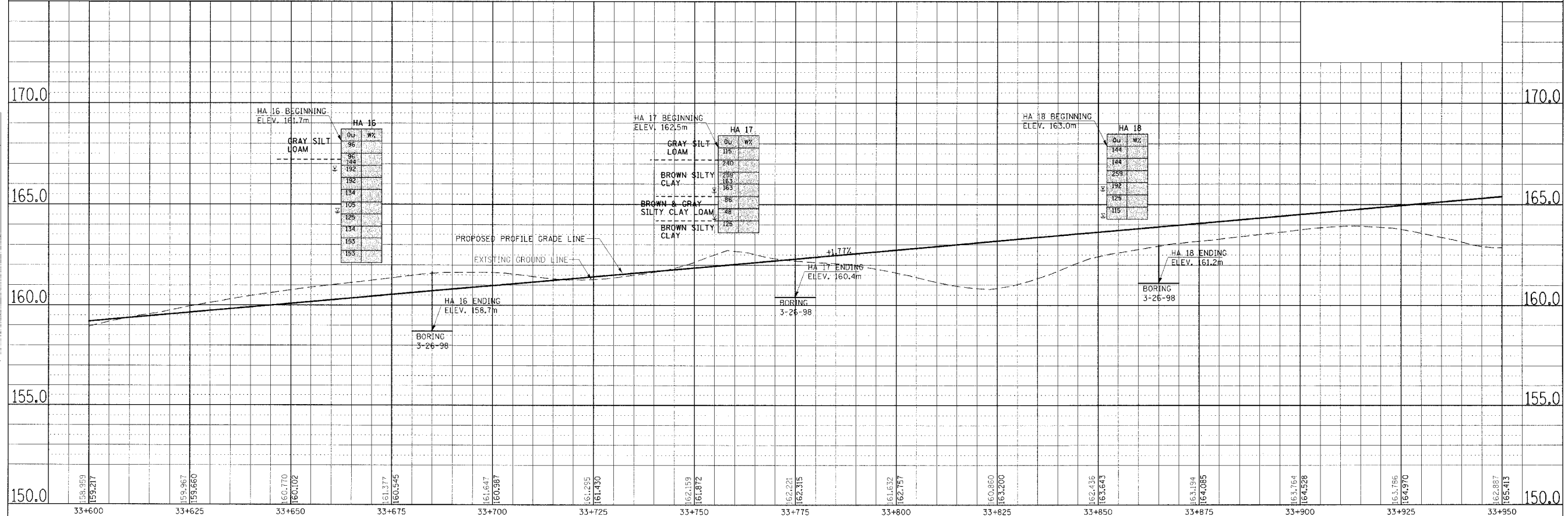
FINAL SURVEY	BY	DATE
SURVEY PLOTTED		
NOTE BOOK		
TEMPLATE		
AREAS CHECKED		
NO.		



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



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



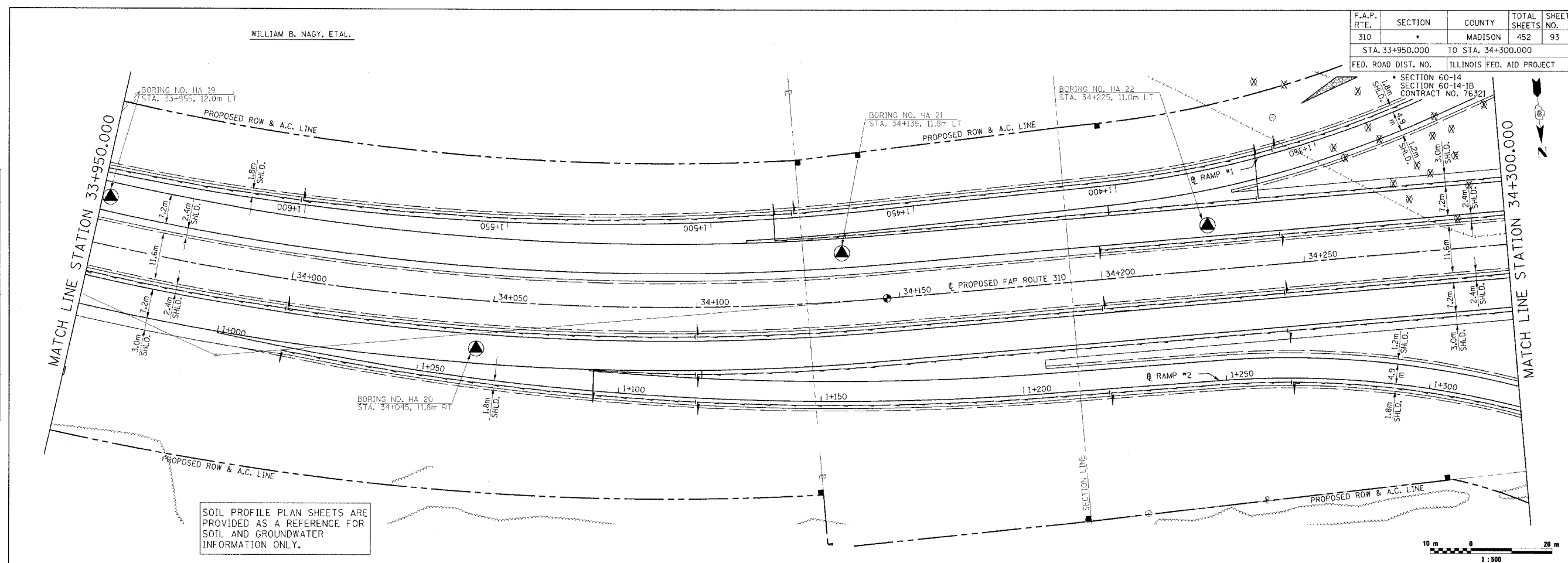
SOIL STRATA, PLAN & PROFILE, FAP 310, STA. 33+600.000 TO STA. 33+950.000

DATE PLOTTED: 12-14-84

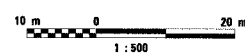
WILLIAM B. NAGY, ETAL.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	93
STA. 33+950.000		TO STA. 34+300.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

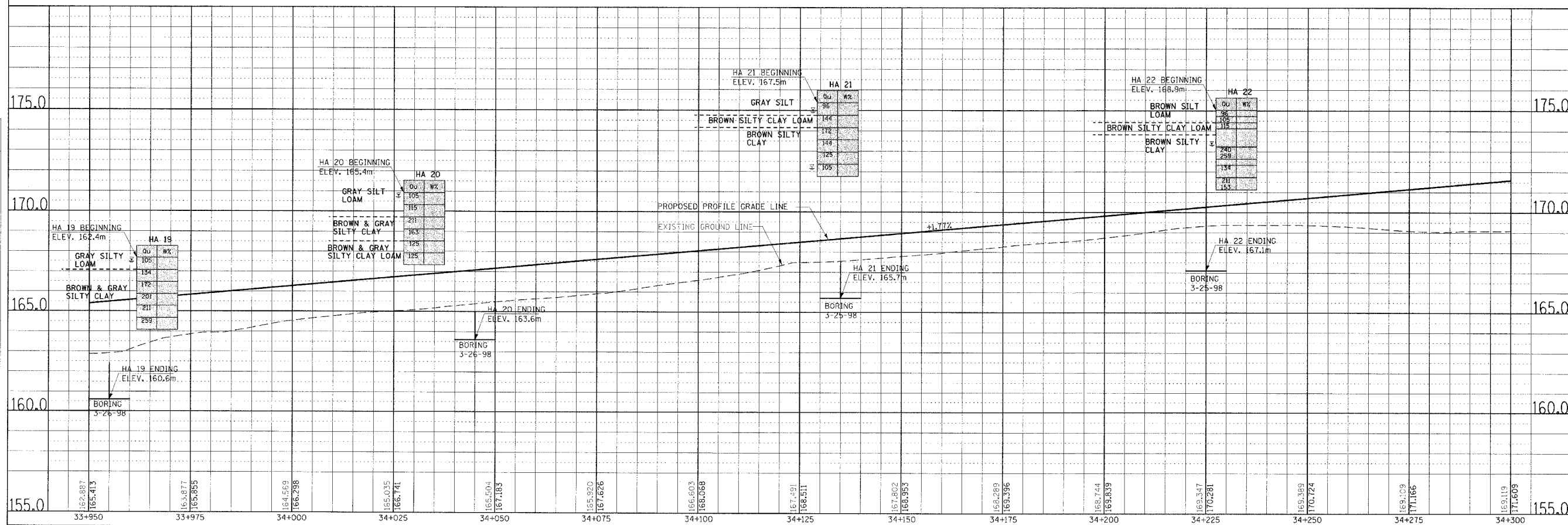
FINAL SURVEY	BY	DATE
SURVEY PLOTTED		
NOTE BOOK TEMPLATE		
AREAS CHECKED		
NO.		



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



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



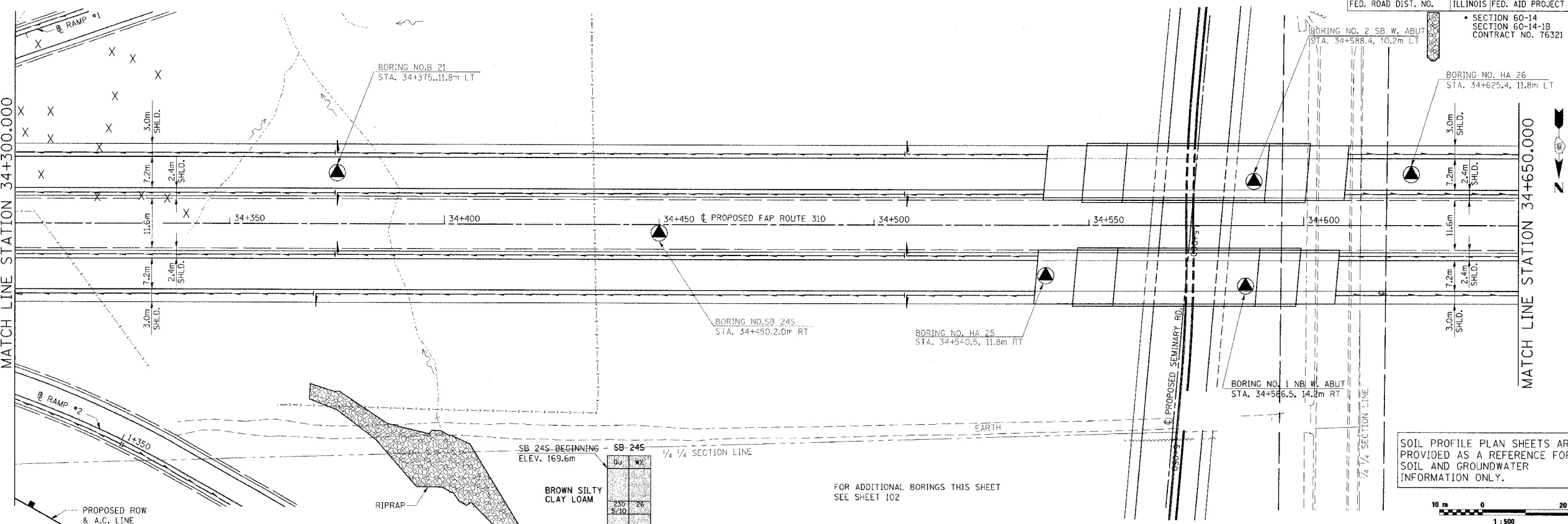
SOIL STRATA, PLAN & PROFILE, FAP 310, STA. 33+950.000 TO STA. 34+300.000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	94
STA. 34+300.000		TO STA. 34+650.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

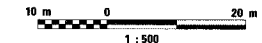
SECTION 60-14
SECTION 60-14-1B
CONTRACT NO. 76321

MATCH LINE STATION 34+300.000

MATCH LINE STATION 34+650.000



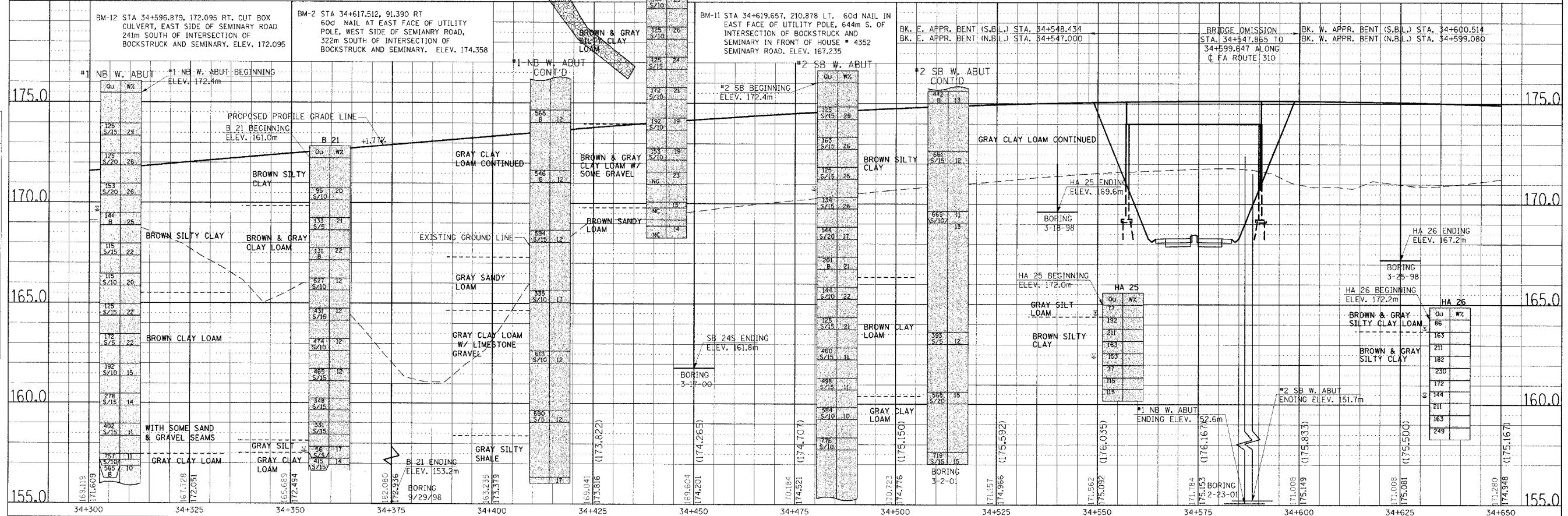
SOIL PROFILE PLAN SHEETS ARE PROVIDED AS A REFERENCE FOR SOIL AND GROUNDWATER INFORMATION ONLY.



FOR ADDITIONAL BORINGS THIS SHEET SEE SHEET 102

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

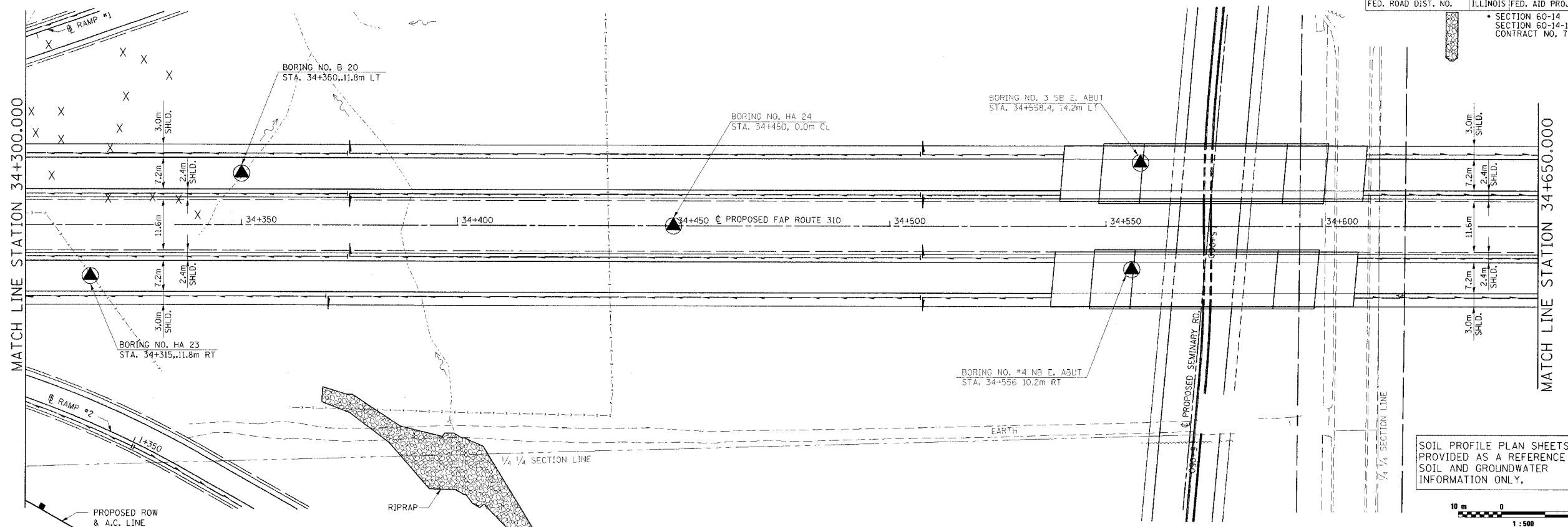
DATE	BY
ORIGINAL SURVEYED PLOTTED	
NOTE BOOK TEMPLATE AREAS CHECKED	
NO.	



SOIL STRATA, PLAN & PROFILE, FAP 310, STA. 34+300.000 TO STA. 34+650.000

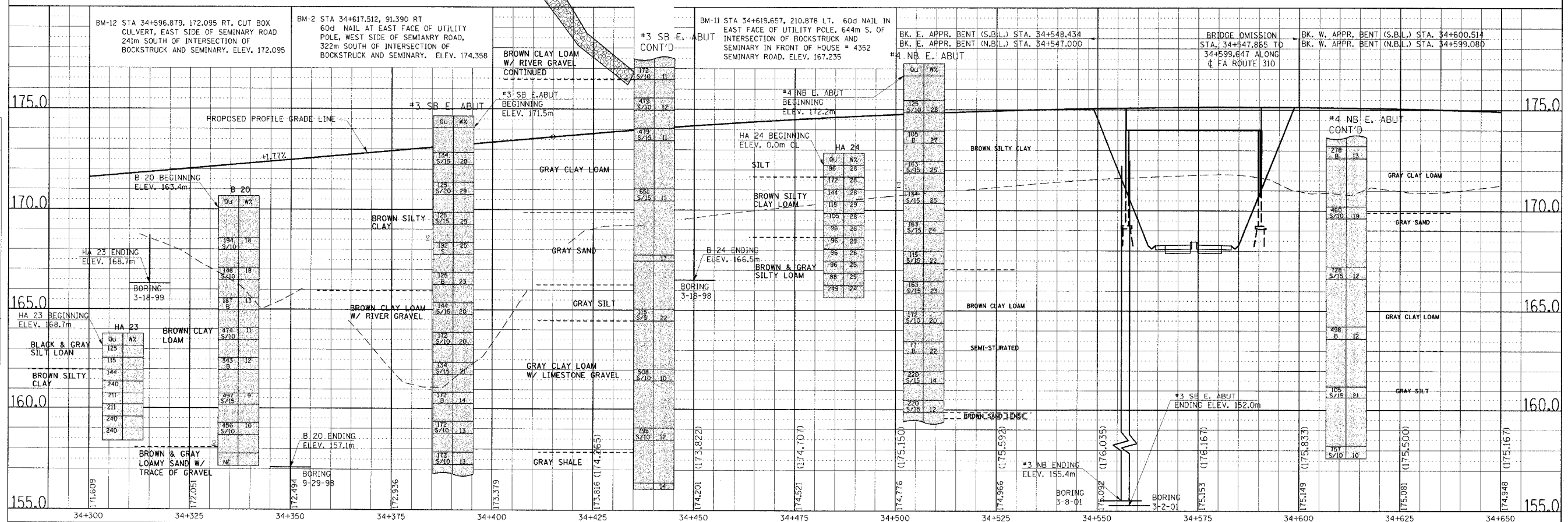
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	95
STA. 34+300.000		TO STA. 34+650.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SECTION 60-14 SECTION 60-14-B CONTRACT NO. 76321				

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



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

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



SOIL STRATA, PLAN & PROFILE, FAP 310, STA. 34+300.000 TO STA. 34+650.000

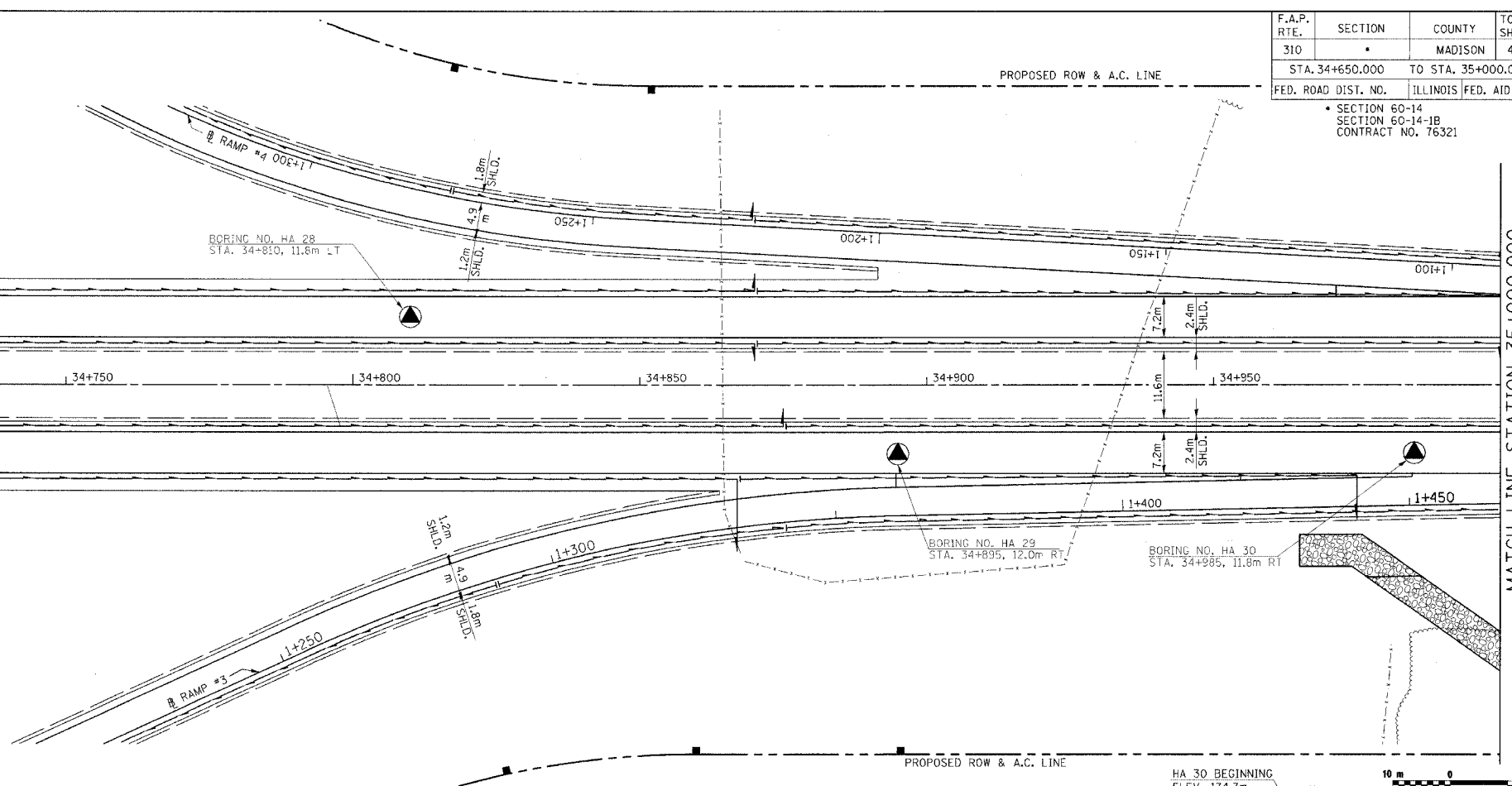
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	*	MADISON	452	96
STA. 34+650.000		TO STA. 35+000.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SECTION 60-14
SECTION 60-14-1B
CONTRACT NO. 76321

MATCH LINE STATION 34+650.000

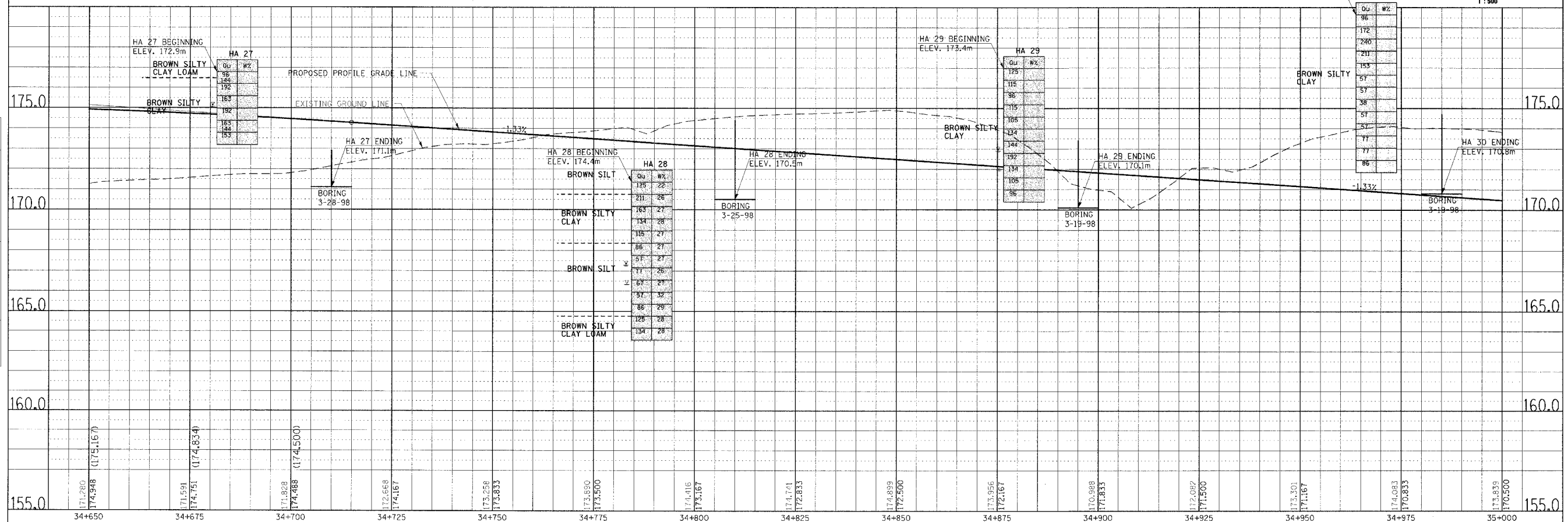
MATCH LINE STATION 35+000.000

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



DATE	BY
SURVEYED	
PLOTTED	
NOTE BOOK TEMPLATE	
AREAS CHECKED	
NO.	

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



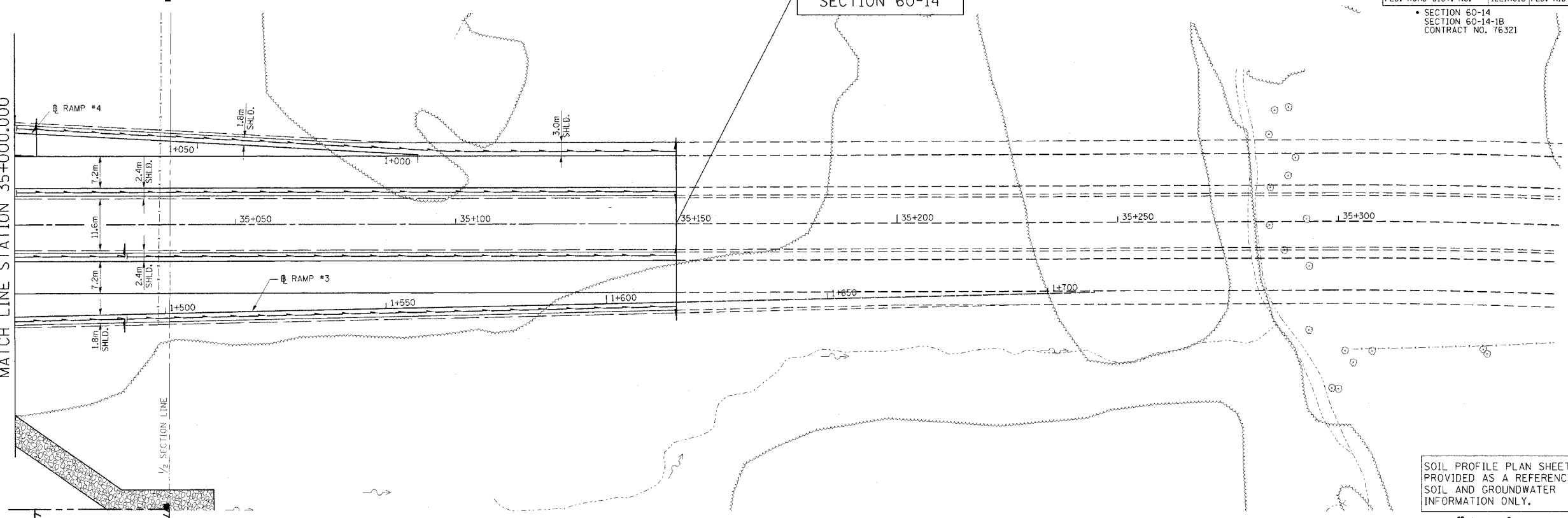
SOIL STRATA, PLAN & PROFILE, FAP 310, STA. 34+650.000 TO STA. 35+000.000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	97
STA. 35+000.000		TO STA. 35+350.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

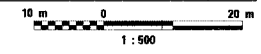
SECTION 60-14
SECTION 60-14-1B
CONTRACT NO. 76321

STA. 35+150.000
END
SECTION 60-14

MATCH LINE STATION 35+000.000

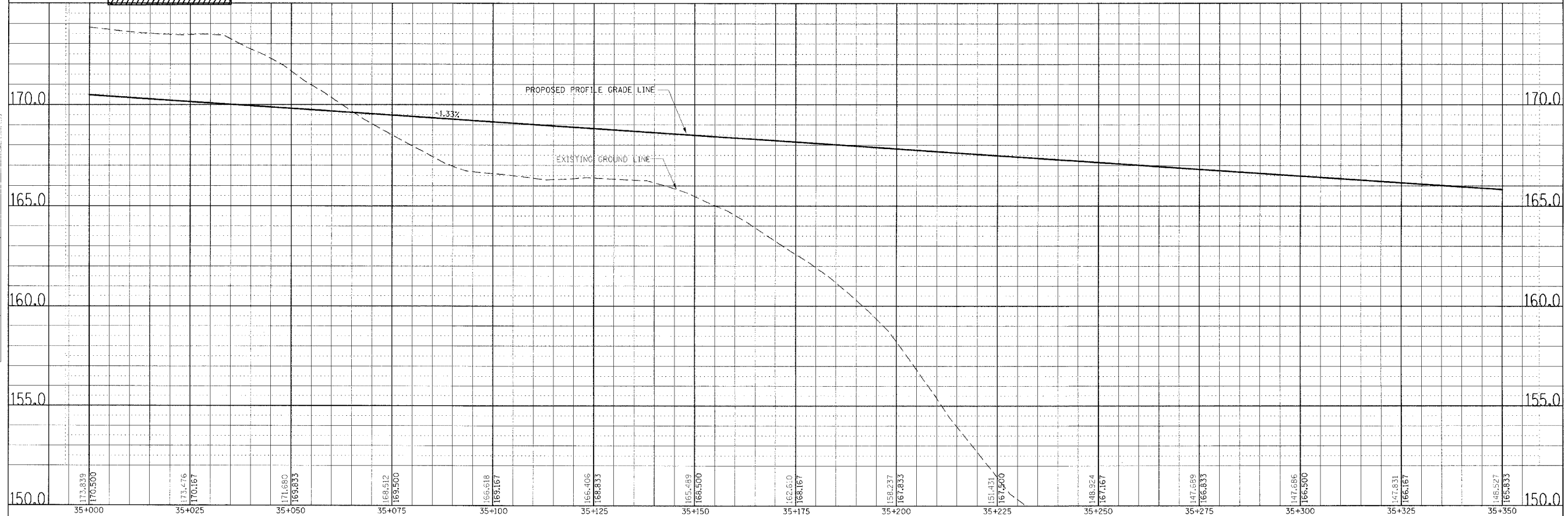


SOIL PROFILE PLAN SHEETS ARE PROVIDED AS A REFERENCE FOR SOIL AND GROUNDWATER INFORMATION ONLY.



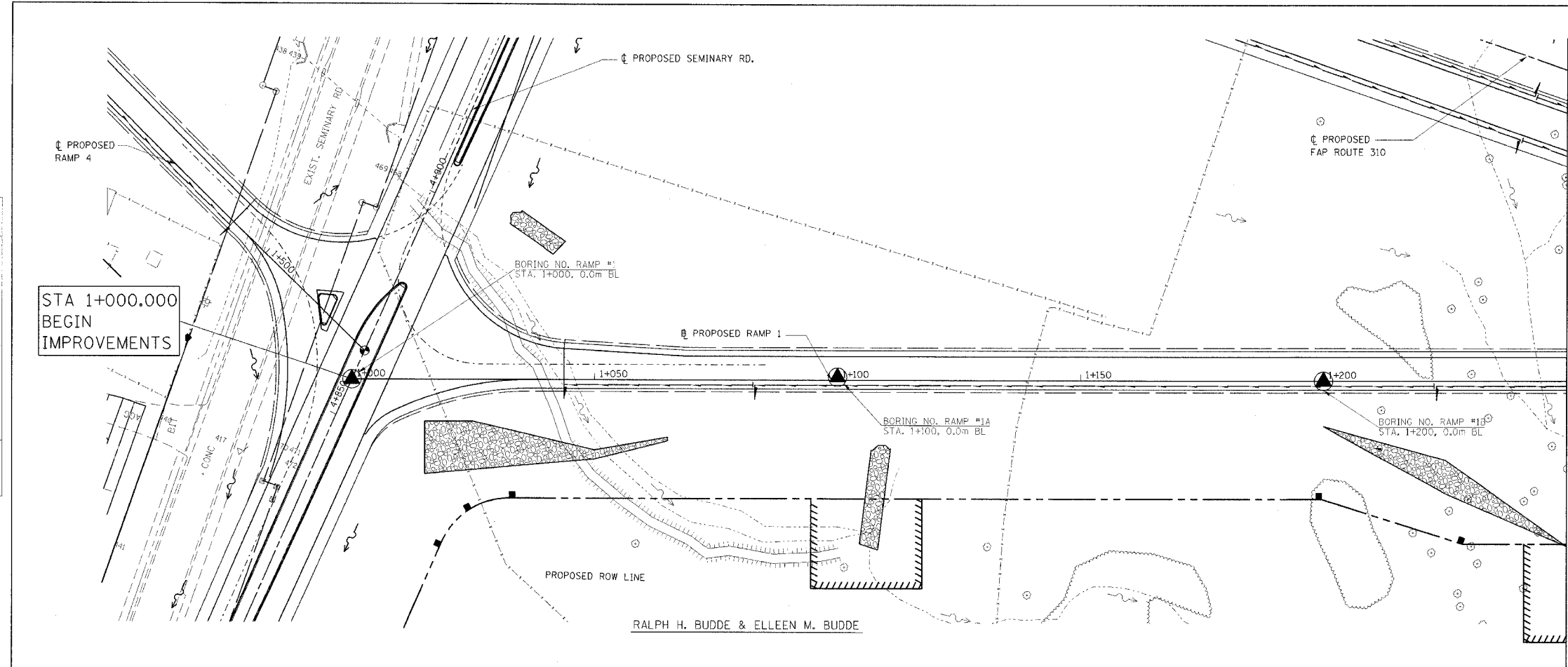
FINAL SURVEY	BY	DATE
SURVEY PLOTTED		
NOTE BOOK TEMPLATE		
NO. AREAS CHECKED		

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



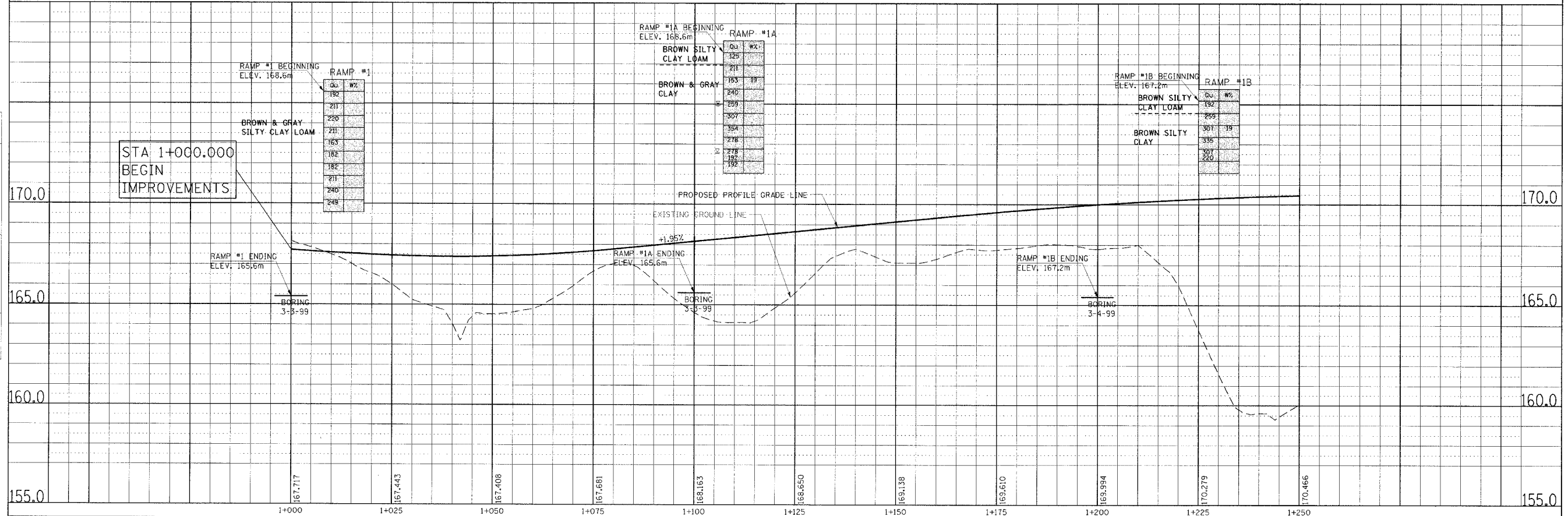
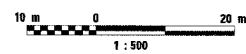
SOIL STRATA, PLAN & PROFILE, FAP 310, STA. 35+000.000 TO STA. 35+350.000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	98
STA. 1+000.000		TO STA. 1+250.000		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
SECTION 60-14 SECTION 60-14-1B				



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

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



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

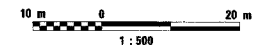
SOIL STRATA, PLAN & PROFILE, RAMP 1, STA. 1+000.000 TO STA. 1+250.000

DATE PLOTTED: 11/10/00 BY: JMB

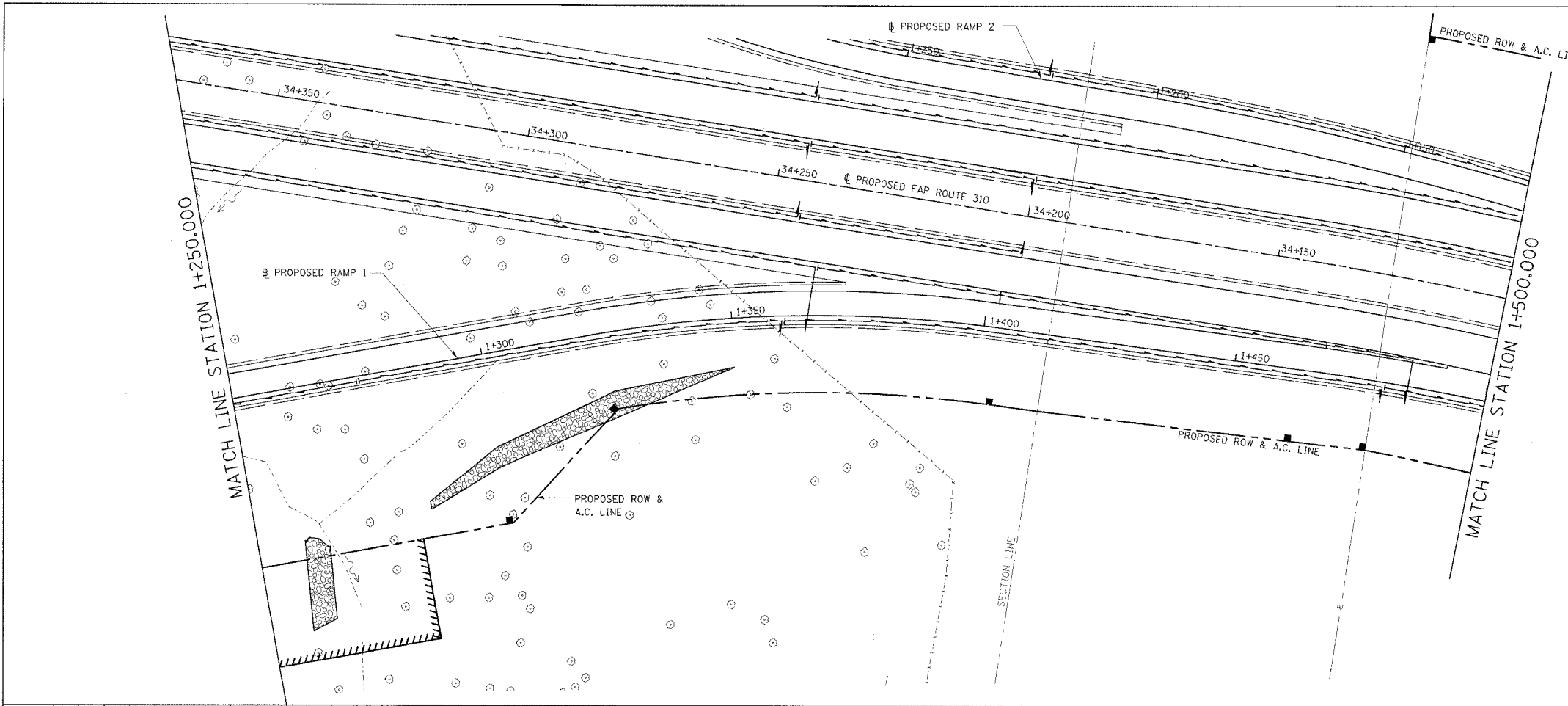
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	99
STA. 1+250.000		TO STA. 1+500.000		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
		SECTION 60-14 SECTION 60-14-1B		



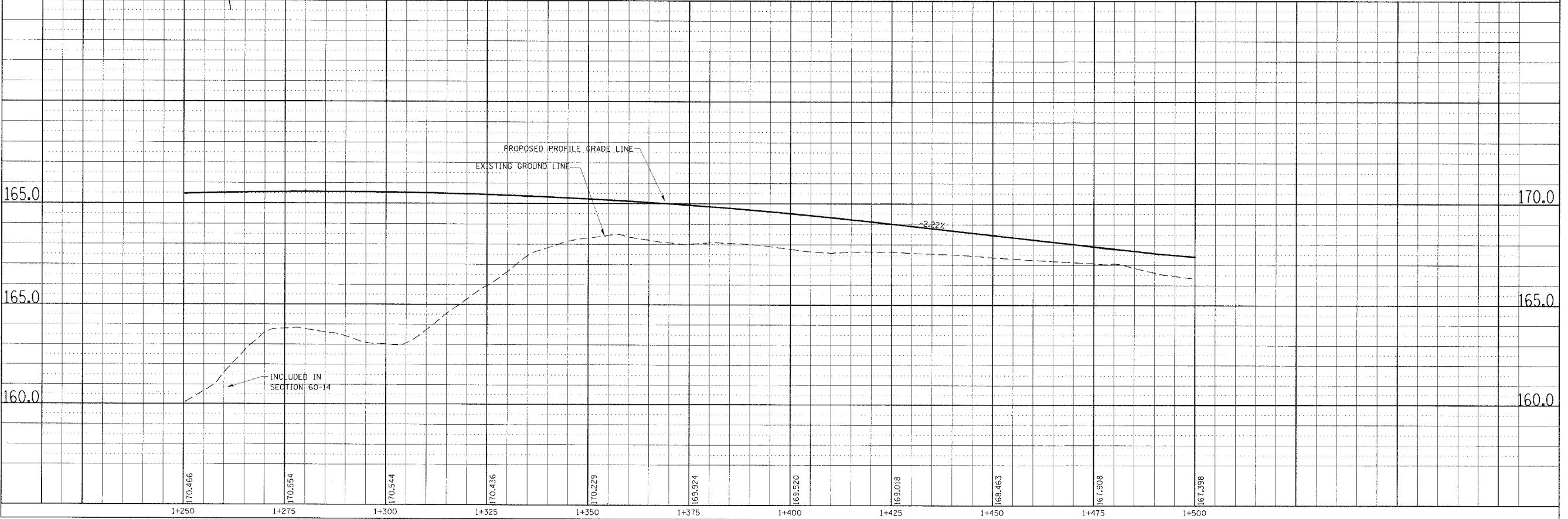
SOIL PROFILE PLAN SHEETS ARE PROVIDED AS A REFERENCE FOR SOIL AND GROUNDWATER INFORMATION ONLY.



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



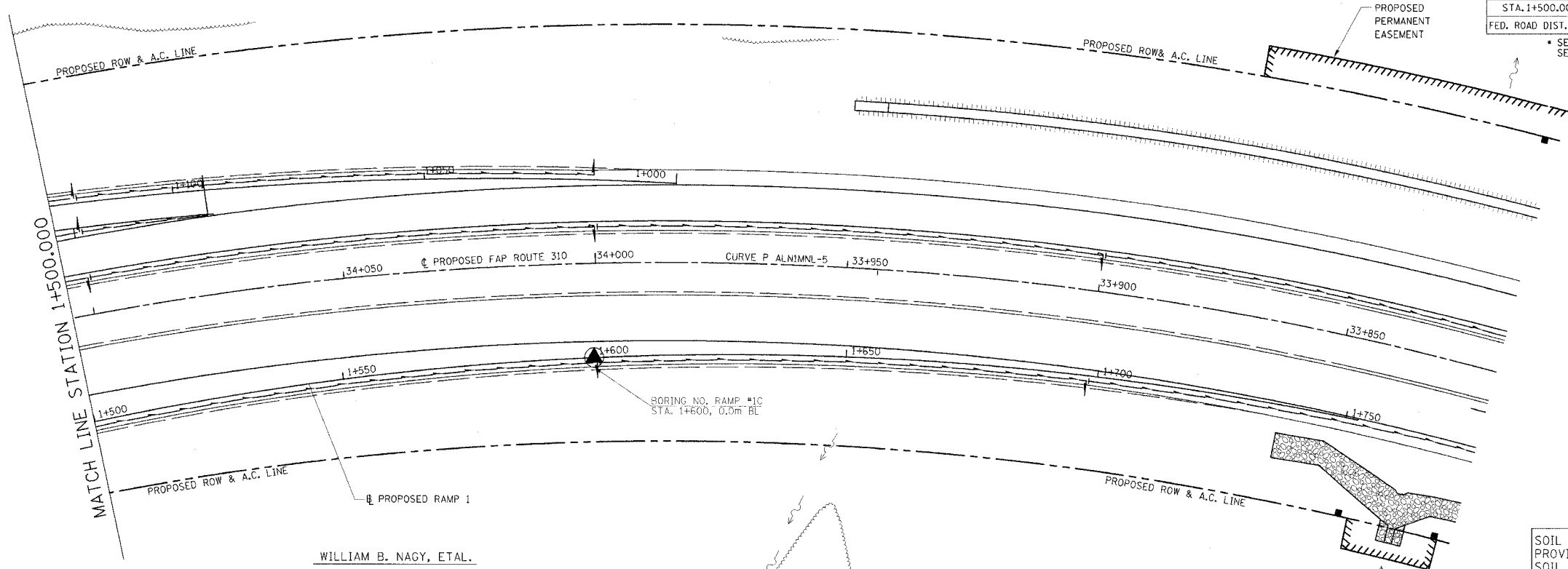
ORIGINAL SURVEY	BY	DATE
SURVEY PLOTTED		
NOTE BOOK TEMPLATE		
AREAS CHECKED		
NO.		



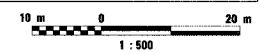
SOIL STRATA, PLAN & PROFILE, RAMP 1, STA. 1+250.000 TO STA. 1+500.000

DATE PLOTTED: 11/11/10 BY: JLD/MLP

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310		MADISON	452	100
STA. 1+500.000		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
		SECTION 60-14		
		SECTION 60-14-1B		

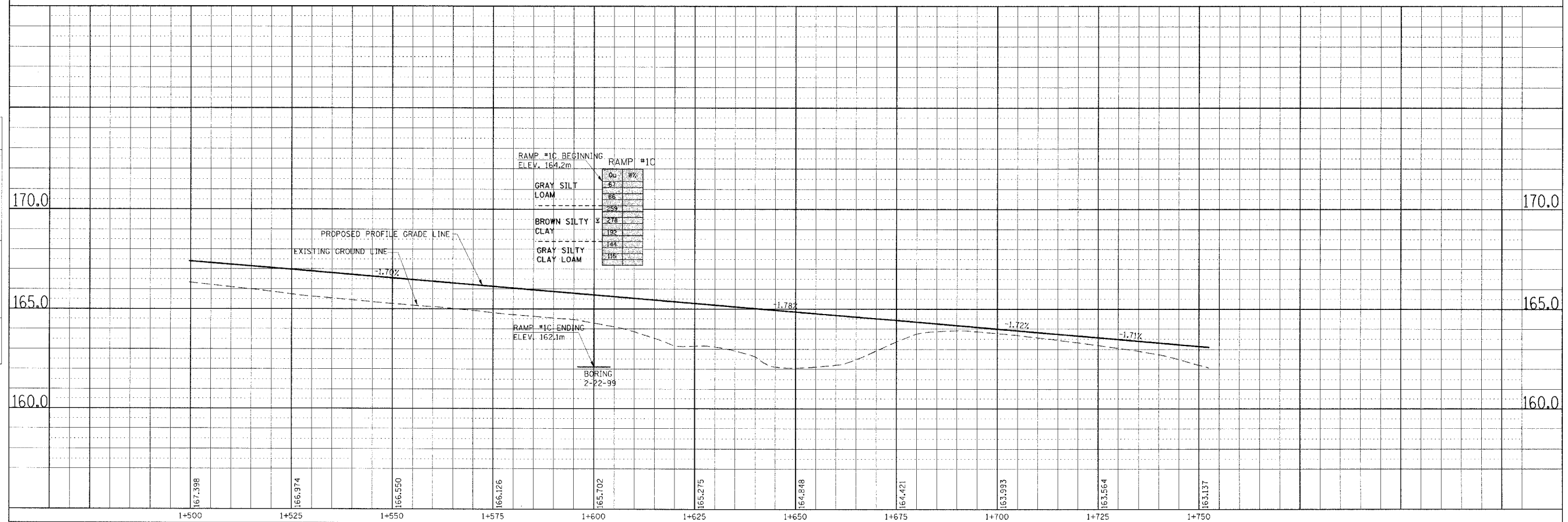


SOIL PROFILE PLAN SHEETS ARE PROVIDED AS A REFERENCE FOR SOIL AND GROUNDWATER INFORMATION ONLY.



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

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



SOIL STRATA, PLAN & PROFILE, RAMP 1, STA. 1+500.000 TO STA. 1+750.000