

76549

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	1

713
90

INDEX OF SHEETS

- 1 COVER SHEET
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

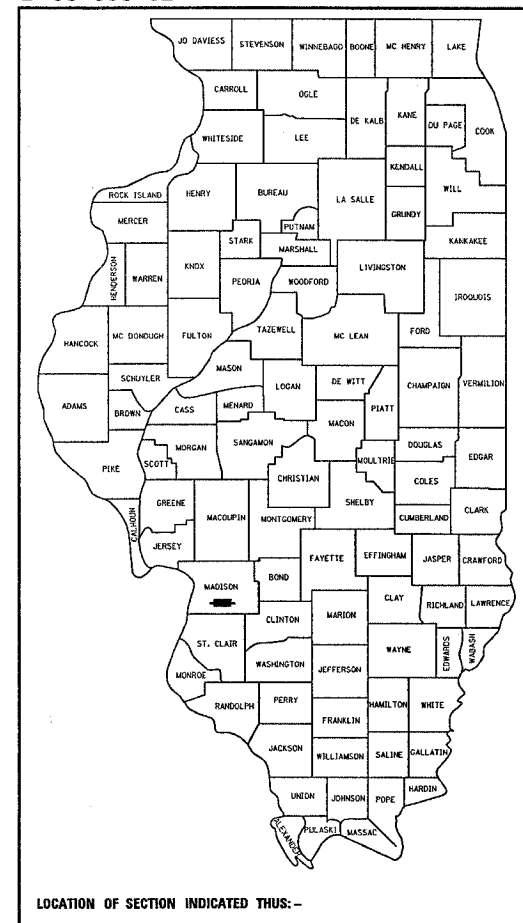
DIVISION OF HIGHWAYS
**PROPOSED
HIGHWAY PLANS**
FAP ROUTE 314 (IL RTE 4)
SECTION 110-1VBR-1

PROJECT: *BRF-0914(006)*

**REMOVAL AND REPLACEMENT OF STRUCTURE
LOWERING OF PROFILE GRADE
MADISON COUNTY**

C-98-062-05

D-98-008-02

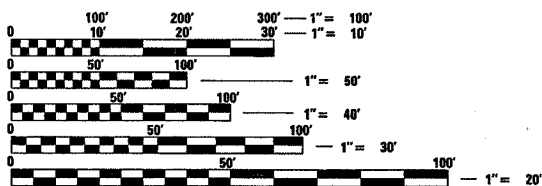


LOCATION OF SECTION INDICATED THUS: -

LIST OF STANDARDS

000001-04	630301-03	701326-02
001001	635001	701331-02
001006	635006-02	702001-06
202001	635011-01	720001
280001-02	701001-01	720006
482001	701006-02	720011
482011-01	701011-01	720011
542601	701201-02	729001
630001-06	701206-01	780001-01
630101-06	701301-02	781001-02
	701311-02	BLR 22-4

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

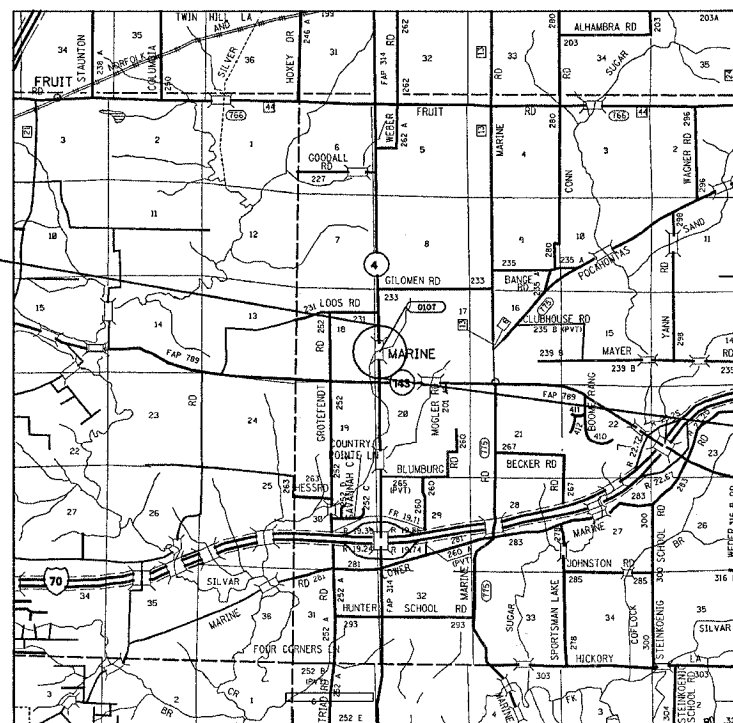


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
 ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
 CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
 ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

CONTRACT NO. 76549

BEGIN PROJECT:
STA. 491+39.30

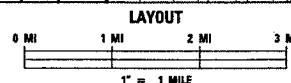


END PROJECT:
STA. 515+63.34

DESIGN DESIGNATION

FUNCTIONAL CLASSIFICATION:
CLASS II OTHER PRINCIPAL ARTERIAL

2006 ADT: 3800
 2020 ADT: 4600
 SU: 8.9%
 MU: 8.9%



GROSS LENGTH: 0.46 MILES (2434.08 FT)
 NET LENGTH: 0.46 MILES (2434.08 FT)

PROJECT ENGINEER: PATTI LEBEAU (618) 346-3179
 SQUAD CONTACT: ART MUEHFELD (618) 346-3209

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED *March 28th 2006*
May C. Lami
 DEPUTY DIRECTOR OF HIGHWAYS
 REGION FIVE ENGINEER

May 12, 2006
Mike Hine
 ENGINEER OF DESIGN AND ENVIRONMENT

May 12, 2006
Milton R. Sear, P.E.
 DIRECTOR, DIVISION OF HIGHWAYS

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

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	2
STA.		TO STA.		
CONTRACT NO.: 76549				

GENERAL NOTES

- THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" AND THE SPECIAL PROVISIONS INCLUDED IN THIS PROPOSAL.
- THE STANDARDS WITH THE REVISION NUMBERS STATED ON THE COVER SHEET SHALL APPLY TO THIS PROJECT.
- ILLINOIS STATE LAW REQUIRES A 48 -HOUR NOTICE BE GIVEN TO UTILITIES BEFORE DIGGING, FIELD MARKINGS OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
 *AMEREN IP
 *AT&T CORPORATION
 *BOND-MADISON WATER COMPANY
 *SBC
 *SOUTHWESTERN ELECTRIC COOPERATION, INC.
 (MEMBERS OF J.U.L.I.E. (800)892-0123 ARE INDICATED BY *, NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.)
- THE THICKNESS OF BITUMINOUS MIXTURES SHOWN IN THE PLANS IS THE NOMINAL THICKNESS, DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- EXCAVATION ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND APPROPRIATE FLASHING OR STEADY BURNING LIGHTS.
- SAW CUTTING ON ALL EDGES FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM AS INDICATED AND IN ACCORDANCE WITH SECTION 440 OF THE STANDARD SPECIFICATIONS.
- IF ANY SECTIONS OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED OR RESURFACED OVER. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- ALL AREAS DISTURBED FOR WHATEVER REASON SHALL BE SEEDED WITH TEMPORARY SEEDING AS DESCRIBED IN THE SPECIAL PROVISIONS AS SOON POSSIBLE TO DETER EROSION.
- ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.
- UNDERGROUND FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS AND THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH, IS AT PRESENT NOT KNOWN, VERIFICATION OF THE LOCATIONS AND ELEVATIONS OF UNDERGROUND UTILITIES, SHOWN OR NOT SHOWN, WILL BE THE RESPONSIBILITY OF THE CONSTRUCTION CONTRACTOR.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF TWELVE SAND BAGS PER BARRICADE.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ADJACENT PAVEMENT IS NOT DAMAGED DURING ANY OPERATION.
- THE COST OF REMOVAL OF TEMPORARY STEEL PLATE BEAM GUARDRAIL, TYPE A AND TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) SHALL BE INCLUDED IN THE UNIT BID COST OF THE CORRESPONDING ITEM. THIS SHALL BE IN ACCORDANCE WITH SECTION 705 OF THE STANDARD SPECIFICATIONS.
- REMOVE THE EXISTING NORTH PIER TO 1 FOOT BELOW EXISTING GRADE. REMOVE THE ENTIRE EXISTING SOUTH PIER, INCLUDING THE PIER COLUMNS AND PIER FOOTING.

- WHEN ERECTING POSTS FOR CONSTRUCTION SIGNING IN AREAS OTHER THAN ALONG THE MAINLINE HIGHWAY, THE CONTRACTOR SHALL CALL J.U.L.I.E. TO LOCATE ANY BURIED UTILITIES THAT MAY BE IN THE AREA.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING THE CORRECT COLOR OF THERMOPLASTIC PAVEMENT MARKING (REFER TO THE PAVEMENT MARKING SCHEDULES IN THE PLANS). THIS WORK WILL BE DONE IN ACCORDANCE WITH SECTION 780 OF THE STANDARD SPECIFICATIONS.
- A PAY ITEM FOR TEMPORARY PAVEMENT MARKING- LINE 4" HAS BEEN INCLUDED IN THE PLANS. IT CONSISTS OF YELLOW AND WHITE TEMPORARY PAVEMENT MARKING. THIS WORK WILL BE DONE IN ACCORDANCE WITH SECTION 703 OF THE STANDARD SPECIFICATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE THE CORRECT COLOR OF TEMPORARY PAVEMENT MARKING.
- A QUANTITY OF 29 SQUARE YARDS OF TEMPORARY RAMP HAS BEEN INCLUDED IN THE PLANS FOR BUTT JOINTS. THIS WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 406 OF THE STANDARD SPECIFICATIONS.
- ALL TEMPORARY PAVEMENT MARKING WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKING.
- THE CONTRACTOR SHALL CONFINE HIS OPERATIONS TO THE AREA LOCATED WITHIN THE CONSTRUCTION LIMIT LINES SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.
- THE BITUMINOUS MATERIAL PRIME COAT QUANTITIES HAVE BEEN DETERMINED USING A RATE OF .0015646 TONS /SQ. YD.
- A SAW CUT LINE WILL BE REQUIRED AT THE EDGE OF PAVEMENT FOR THE REMOVAL OF THE CONCRETE GUTTER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE REMOVAL ITEM AND IN ACCORDANCE WITH SECTION 440 OF THE STANDARD SPECIFICATIONS.

25. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE	FULL DEPTH SURFACE	LEVEL BINDER	FULL DEPTH BINDER	INCIDENTAL SURF	PARTIAL DEPTH PATCH	SHOULDERS	TOP LIFT SHOULDERS	BIKE TRAIL
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 58-22	PG 58-22	PG 64-22
RAP % (MAX)	10%	10%	15%	10%	10%	30%	30%	30%
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	2.0% @ Ndes=30	**2.0% @ Ndes=30	3.0% @ Ndes=30
MIX COMPOSITION (GRADATION)								IL 9.5L
FRICITION AGG	MIXTURE "C"	MIXTURE "C"	MIXTURE "B"	MIXTURE "C"	MIXTURE "C"	LOW ESAL C MIX	BAM	LOW ESAL C MIX

**TOP LIFT SHOULDERS - DESIGN THIS MIX AT 2.0% VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%.

- 772 TONS OF AGGREGATE SURFACE COURSE TYPE B HAS BEEN INCLUDED IN THE PLANS FOR MAINTAINING TEMPORARY ACCESS. 627.7 TONS OF THIS QUANTITY IS TO BE USED TO MAINTAIN ACCESS TO WASTE WATER TREATMENT PLANT. THE REMAINDER IS TO BE USED TO MAINTAIN ACCESS TO PROPERTIES WITHIN THE LIMITS OF THE PROJECT.
- THE REMOVAL OF THE BRIDGE APPROACH PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT REMOVAL. A QUANTITY OF 10,727 SQYD OF PAVEMENT REMOVAL HAS BEEN INCLUDED IN THE CONTRACT. THIS QUANTITY INCLUDES 134 SQYD OF BRIDGE APPROACH PAVEMENT.

COMMITMENTS

THE VILLAGE OF MARINE HAS REQUESTED THAT WE ALLOW THE RUNAROUND TO REMAIN IN PLACE TO THE LIMTS OF THEIR PROPERTY LINES.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 GENERAL NOTES, INDEX OF SHEETS
 STANDARDS, COMMITMENTS
 FAP ROUTE 314 (IL 4)
 SECTION 110-1VBR-1
 MADISON COUNTY

DRAWN BY:

DATE	
BY	
DESIGNED	
CHECKED	
APPROVED	
DATE	
PLAN	
NOTE BOOK	
NO.	

SUMMARY OF QUANTITIES

FAP NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	3
STA.		TO STA.		
CONTRACT NO.: 76549				

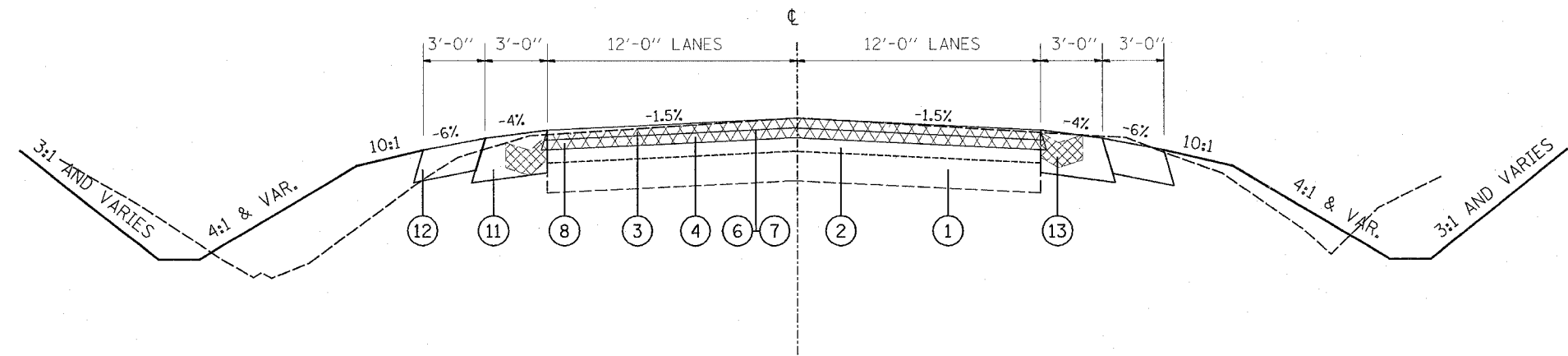
SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	1000 20% STATE 80% FEDERAL	X028-2A 20% STATE 80% FEDERAL
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	12	12	
20100500	TREE REMOVAL, ACRES	ACRE	2	2	
20200100	EARTH EXCAVATION	CU YD	48265	48265	
20400800	FURNISHED EXCAVATION	CU YD	6725	6725	
25000200	SEEDING, CLASS 2	ACRE	6.5	6.5	
X2510630	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	498	401	97
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	800	800	
28000300	TEMPORARY DITCH CHECKS	EACH	20	20	
28000400	PERIMETER EROSION BARRIER	FOOT	11062	11062	
28000500	INLET AND PIPE PROTECTION	EACH	24	24	
28100105	STONE RIPRAP, CLASS A3	SQ YD	205		205
28100107	STONE RIPRAP, CLASS A4	SQ YD	20	20	
28200200	FILTER FABRIC	SQ YD	225	20	205
30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	12020	12020	
30201500	LIME	TON	231.5	231.5	
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	457	457	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	772	772	
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	1	1	
40600300	AGGREGATE (PRIME COAT)	TON	5	5	
40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	SQ YD	174	174	
40600990	TEMPORARY RAMP	SQ YD	29	29	
40800040	INCIDENTAL BITUMINOUS CONCRETE SURFACE	TON	20	20	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 6"	SQ YD	117	117	
X4073081	BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 10"	SQ YD	6560	6560	
X4073136	BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, TYPE 1 12 3/4"	SQ YD	5000	5000	
44000030	BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)	SQ YD	2679	2679	
44000100	PAVEMENT REMOVAL	SQ YD	10861	10861	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	198	198	
44000400	GUTTER REMOVAL	FOOT	4823	4823	
48100500	AGGREGATE SHOULDERS, TYPE A 6"	SQ YD	1619	1619	
48202600	BITUMINOUS SHOULDERS SUPERPAVE 8"	SQ YD	1611	1611	

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	1000 20% STATE 80% FEDERAL	X028-2A 20% STATE 80% FEDERAL
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1
50105210	REMOVE EXISTING CULVERTS	FOOT	198	198	
50800105	REINFORCEMENT BARS	POUND	18570		18570
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	7550		7550
51500100	NAME PLATES	EACH	1		1
54003000	CONCRETE BOX CULVERTS	CU YD	173.4		173.4
54201480	PIPE CULVERTS, TYPE 2, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 15"	FOOT	254	254	
54215985	REINFORCED CONCRETE PIPE ELBOW 30"	EACH	1	1	
5422A024	PIPE CULVERTS, CLASS A, TYPE 2 24" (TEMPORARY)	FOOT	287	287	
5422A030	PIPE CULVERTS, CLASS A, TYPE 2 30" (TEMPORARY)	FOOT	104	104	
54248500	CONCRETE HEADWALLS	CU YD	1.2	1.2	
542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"	FOOT	206	206	
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	210		210
60500060	REMOVING INLETS	EACH	4	4	
* 63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	1100	1100	
* 63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	4	4	
63200310	GUARDRAIL REMOVAL	FOOT	1050	1050	
63500105	DELINEATORS	EACH	14	14	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	7	7	
67100100	MOBILIZATION	L SUM	1	1	
70100200	TRAFFIC CONTROL AND PROTECTION, STANDARD 701331	EACH	1	1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	15	15	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	62	62	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	5208	5208	
70500100	TEMPORARY STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	562.5	562.5	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	10098	10098	
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	9847	9847	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	29	29	

* SPECIALTY ITEMS

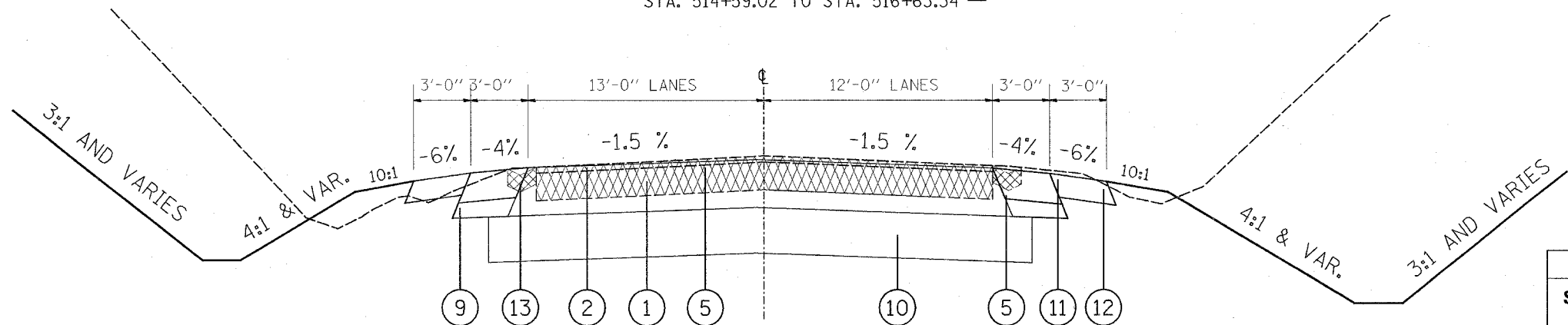
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FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	5
STA. 491+39.30 TO STA. 516+63.34		CONTRACT NO.:		



PROPOSED TYPICALS

STA. 491+39.30 TO STA. 495+00.00
 STA. 513+89.94 TO STA. 516+63.34
 STA. 491+39.30 TO STA. 493+48.76
 STA. 514+59.02 TO STA. 516+63.34 — MILLING TO ESTABLISH OR RESTABLISH CROSS SLOPES FOR RUNAROUND



PROPOSED TYPICALS

STA. 495+00.00 TO STA. 513+89.90

PROPOSED MAINLINE TYPICAL SECTIONS

MAINLINE		
STRUCTURAL DESIGN TRAFFIC:	Year = 2016	
	PV = 3,442	SU = 373 MU = 373
ROAD/STREET CLASSIFICATION:		Class = II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
	P = 50	S = 50 M = 50
TRAFFIC FACTOR:	ACTUAL TF = 1.86	AC TYPE = 20
	MINIMUM TF = 3.81	
PG GRADE:	Binder = 64-22	Surface = 64-22
SUBGRADE SUPPORT RATING:	SSR = FAIR (Sta. 491+39.30 TO Sta. 516+63.34)	

- ① EXISTING P.C.C. PAVEMENT 9"
- ② EXISTING RESURFACING 3 1/4" AND VARIES
- ③ PROPOSED BITUMINOUS CONCRETE SURFACE COURSE, SUPER., MIX "C", N70 - 1 1/2"
- ④ PROPOSED BITUMINOUS CONCRETE BINDER COURSE, SUPER., IL-19.0, N70- 1"
- ⑤ PROPOSED BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH) SUPER, 12 3/4"
- ⑥ PROPOSED BITUMINOUS PRIME COAT
- ⑦ PROPOSED AGGREGATE PRIME COAT
- ⑧ PROPOSED SURFACE REMOVAL 2 1/2" AND VARIES
- ⑨ PROPOSED SUBBASE GRANULAR MATERIAL TYPE C
- ⑩ PROPOSED LIME MODIFICATION-12"
- ⑪ PROPOSED BITUMINOUS SHOULDER, SUPERPAVE 8"
- ⑫ PROPOSED AGGREGATE SHOULDER, TYPE A 6"
- ⑬ EXISTING GUTTER TO BE REMOVED

BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH) SUPER., 12 3/4" =
 1 1/2" BITUMINOUS CONCRETE SURFACE COURSE, SUPER., MIX "C", N70
 11 1/4" BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70

REVISIONS	
NAME	DATE

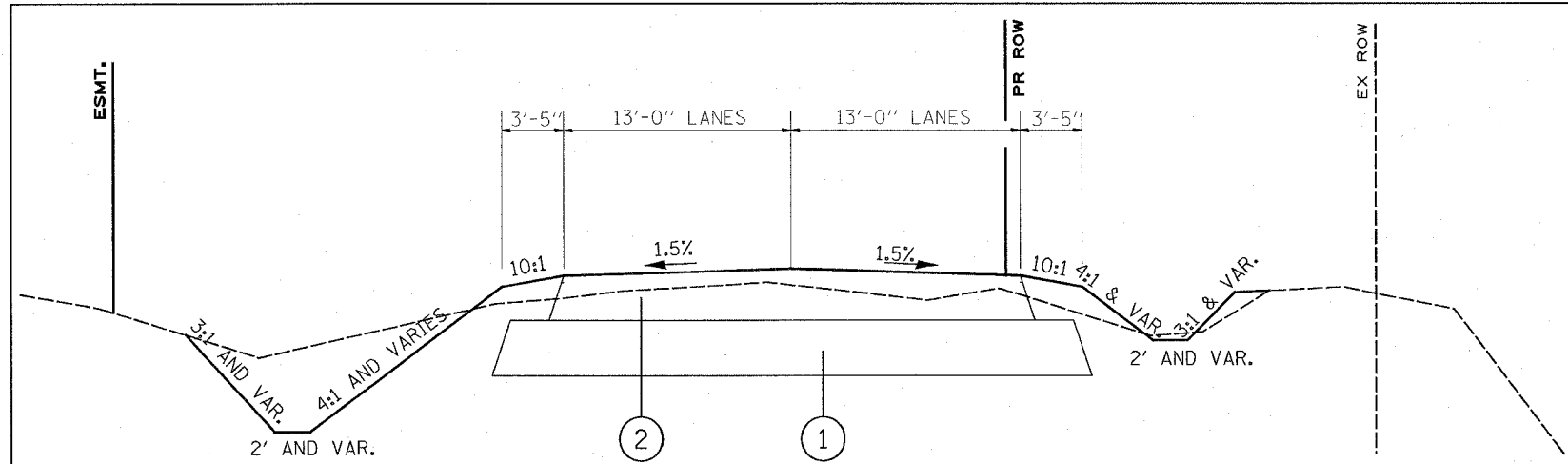
ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
 FAP ROUTE 314
 SECTION 110-1VBR-1
 MADISON COUNTY
 DRAWN BY:

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	
	FILE NAME	

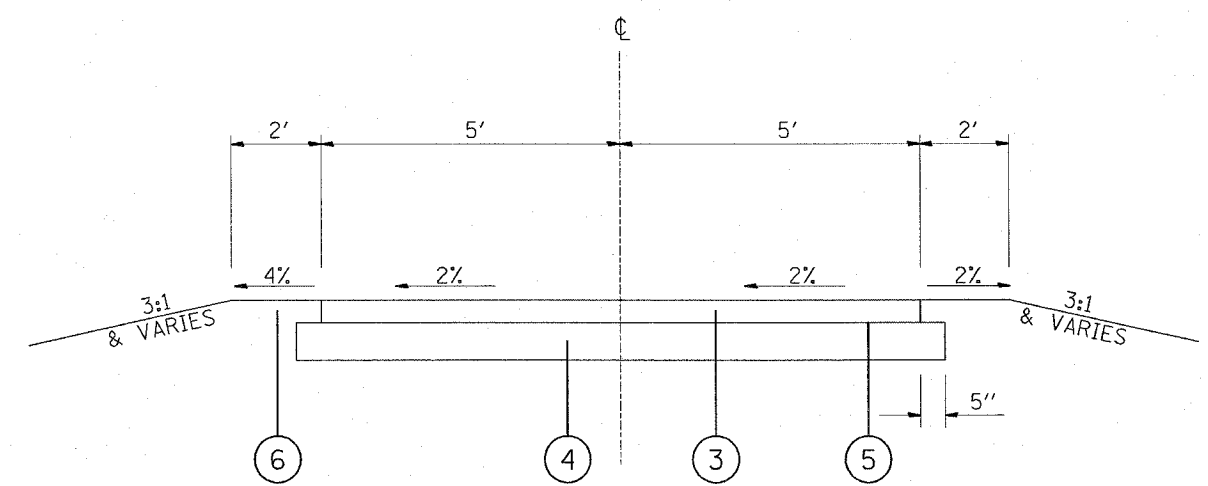
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FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	6
STA.		TO STA.		
CONTRACT NO.: 76549				

PLAN	DATE
SURVEYED	BY
ALIGNED	CHECKED
DESIGNED	BY
NOTED	NO.

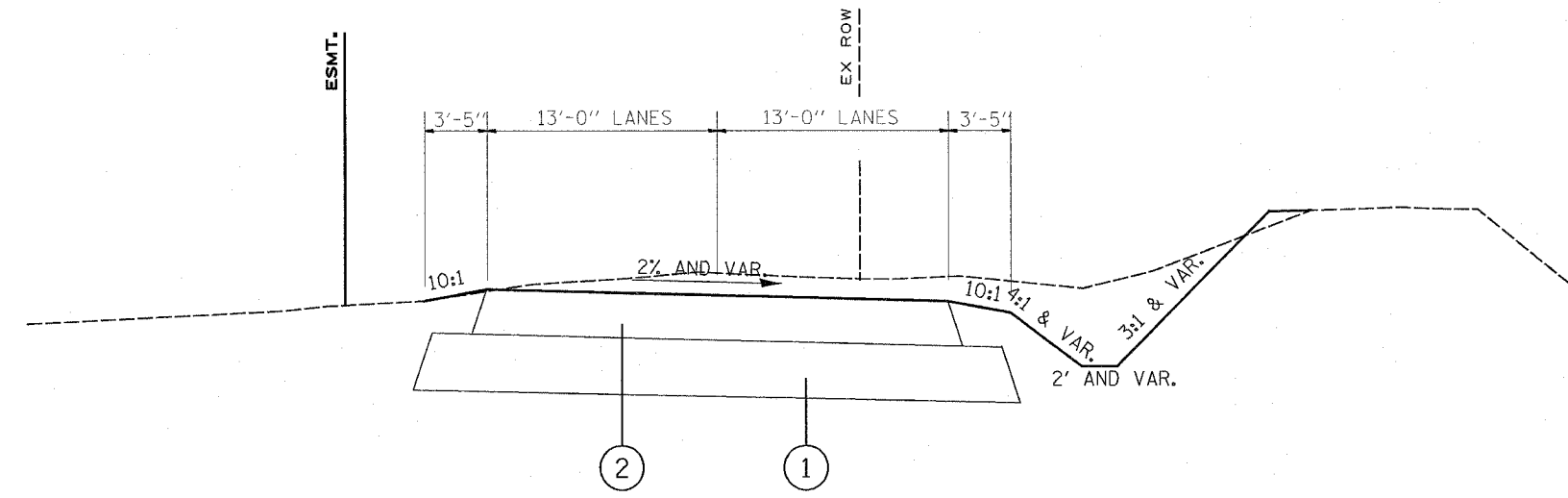


STA. 3+83.13 TO STA. 10+12.81
 STA. 13+41.95 TO STA. 16+24.03
 STA. 17+27.49 TO STA. 24+61.54



PROPOSED BIKE TRAIL TYPICAL SECTION

STA. 576+22.49 TO STA. 579+32.49



STA. 0+00 TO STA. 3+83.13
 STA. 10+12.81 TO STA. 13+41.95
 STA. 16+24.03 TO STA. 17+27.49

PROPOSED RUNAROUND TYPICAL SECTIONS

- ① PROPOSED LIME MODIFICATION 12"
- ② PROPOSED BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH) SUPER., 10"
- ③ PROPOSED BIT. CONC. SURF. CRSE, SUPER., IL-9.5L 2"
- ④ PROPOSED AGGREGATE BASE COURSE TYPE B - 8"
- ⑤ PROPOSED PRIME COAT
- ⑥ PROPOSED EARTH SHOULDER

RUNAROUND		
STRUCTURAL DESIGN TRAFFIC:	Year = 2009	
	PV = 3,187	SU = 345 MU = 345
ROAD/STREET CLASSIFICATION:		Class = II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
	P = 50	S = 50 M = 50
TRAFFIC FACTOR:	ACTUAL TF = 0.43	AC TYPE = 20
	MINIMUM TF = 0.95	
PG GRADE:	Binder = 64-22	Surface = 64-22
SUBGRADE SUPPORT RATING:	SSR = FAIR	(Sta. 0+00.00 TO Sta. 24+61.54)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED TYPICAL SECTIONS
 (RUNAROUND)
 FAP ROUTE 314
 SECTION 110-1VBR-1
 MADISON COUNTY

DRAWN BY:

PLOT DATE: 4/28/2006

#DATE: 04/28/06
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 *REF-
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EARTHWORK SCHEDULE - RUN-AROUND

STA	to	STA	UNADJUSTED EXCAVATION (CU YD)	EXCAVATION ADJUSTED FOR 25% SHINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
0+00.00	to	0+50.00	8.6	6.5	11.2	-4.7
0+50.00	to	1+00.00	23.3	17.5	29.4	-11.9
1+00.00	to	1+50.00	57.6	43.2	27.3	15.9
1+50.00	to	2+00.00	70.8	53.1	9.4	43.7
2+00.00	to	2+50.00	80.1	60.1	1.0	59.1
2+50.00	to	3+00.00	104.0	77.9	3.2	74.8
3+00.00	to	3+50.00	86.6	65.0	5.5	59.5
3+50.00	to	4+00.00	66.4	49.8	5.3	44.5
4+00.00	to	4+50.00	59.5	44.6	5.3	39.3
4+50.00	to	5+00.00	56.7	42.5	6.1	36.4
5+00.00	to	5+50.00	60.6	45.5	5.2	40.3
5+50.00	to	6+00.00	83.1	62.3	2.5	59.8
6+00.00	to	6+50.00	126.8	95.0	0.3	94.8
6+50.00	to	7+00.00	153.3	114.9	0.1	114.9
7+00.00	to	7+17.29	53.0	39.8	0.2	39.6
7+17.29	to	7+50.00	78.5	58.9	0.3	58.6
7+50.00	to	8+00.00	66.1	49.6	3.9	45.7
8+00.00	to	8+50.00	26.6	20.0	10.3	41.2
8+50.00	to	8+80.59	6.1	4.6	10.8	-6.2
8+80.59	to	9+00.00	5.7	4.3	10.1	-5.8
9+00.00	to	9+50.00	18.0	13.5	39.2	-25.7
9+50.00	to	10+00.00	30.9	23.2	34.6	-11.4
10+00.00	to	10+50.00	56.8	42.6	28.3	14.3
10+50.00	to	11+00.00	66.8	50.1	28.6	21.5
11+00.00	to	11+50.00	88.1	66.0	11.8	54.3
11+50.00	to	12+00.00	183.1	137.2	1.2	136.1
12+00.00	to	12+50.00	177.1	132.7	0.9	131.9
12+50.00	to	13+00.00	76.2	57.2	23.4	33.8
13+00.00	to	13+50.00	57.0	42.8	36.1	6.7
13+50.00	to	14+00.00	61.0	45.8	22.4	23.4
14+00.00	to	14+50.00	79.3	59.5	8.8	50.7
14+50.00	to	15+00.00	88.1	66.0	0.2	65.9
15+00.00	to	15+50.00	50.6	38.0	3.0	35.0
15+50.00	to	16+00.00	10.9	8.2	25.4	-17.2
16+00.00	to	16+50.00	0	0	68.2	-68.2
16+50.00	to	17+00.00	0	0	187.7	-187.7
17+00.00	to	17+50.00	0	0	415.2	-415.2
17+50.00	to	18+00.00	0	0	678.8	-678.8
18+00.00	to	18+50.00	0	0	879.0	-879.1
18+50.00	to	19+00.00	0	0	961.7	-961.8
19+00.00	to	19+50.00	0	0	971.5	-971.6
19+50.00	to	20+00.00	2.5	1.9	928.5	-926.7
20+00.00	to	20+50.00	2.5	1.9	821.8	-819.9
20+50.00	to	21+00.00	0	0	701.8	-701.9
21+00.00	to	21+50.00	0	0	597.0	-597.1
21+50.00	to	22+00.00	0	0	347.7	-347.7
22+00.00	to	22+50.00	0.4	0.3	140.5	-140.2
22+50.00	to	23+00.00	2.1	1.6	124.3	-122.7
23+00.00	to	23+50.00	5.5	4.1	145.1	-141.0
23+50.00	to	24+00.00	6.7	5.0	92.5	-87.5
24+00.00	to	24+50.00	3.0	2.3	7.4	-5.1
RUN-AROUND SUBTOTAL			2,340	1,755	8,480	-6,725

EARTHWORK SCHEDULE - MAINLINE

STA	to	STA	UNADJUSTED EXCAVATION (CU YD)	EXCAVATION ADJUSTED FOR 25% SHINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
491+50.00	to	492+00.00	19.8	14.9	9.2	5.7
492+00.00	to	492+50.00	18.2	13.7	11.6	2.1
492+50.00	to	493+00.00	33.6	25.2	19.9	5.3
493+00.00	to	493+50.00	77.9	58.4	35.8	22.6
493+50.00	to	494+00.00	143.1	107.3	25.6	81.7
494+00.00	to	494+50.00	163.9	122.9	11.1	111.8
494+50.00	to	495+00.00	169.4	127.1	13.9	113.2
495+00.00	to	495+50.00	206.3	154.7	12.8	141.9
495+50.00	to	496+00.00	246.5	184.9	15.1	169.8
496+00.00	to	496+50.00	257.0	192.8	12.4	180.4
496+50.00	to	497+00.00	232.0	174.0	14.5	159.5
497+00.00	to	497+50.00	212.4	159.3	21.8	137.5
497+50.00	to	498+00.00	214.6	161.0	19.9	141.1
498+00.00	to	498+50.00	236.3	177.2	13.1	164.1
498+50.00	to	499+00.00	324.3	243.2	11.3	231.9
499+00.00	to	499+50.00	418.8	314.1	12.1	302.0
499+50.00	to	500+00.00	452.1	339.1	5.4	333.7
500+00.00	to	500+50.00	549.6	412.2	0.8	411.4
500+50.00	to	501+00.00	710.3	532.7	6.7	526.0
501+00.00	to	501+50.00	856.0	642.0	19.3	622.7
501+50.00	to	502+00.00	973.4	730.1	39.4	690.7
502+00.00	to	502+50.00	1105.6	829.2	45.8	783.4
502+50.00	to	503+00.00	1192.0	894.0	45.3	848.7
503+00.00	to	503+50.00	1274.1	955.6	57.4	898.2
503+50.00	to	504+00.00	676.3	507.2	1195.6	-687.4
504+00.00	to	504+50.00	0.0	0.0	1781.4	-1780.4
504+50.00	to	505+00.00	1983.8	1487.9	625.6	862.9
505+00.00	to	505+50.00	3723.0	2792.4	12.7	2779.5
505+50.00	to	506+00.00	3371.6	2528.9	11.2	2517.5
506+00.00	to	506+50.00	3182.4	2387.0	11.7	2375.1
506+50.00	to	507+00.00	2975.5	2231.7	12.7	2219.0
507+00.00	to	507+50.00	2696.8	2022.7	23.3	1999.4
507+50.00	to	508+00.00	2422.5	1817.0	21.2	1795.8
508+00.00	to	508+50.00	2195.9	1646.9	10.1	1636.8
508+50.00	to	509+00.00	2039.4	1529.6	6.7	1522.9
509+00.00	to	509+50.00	1729.9	1297.4	1.2	1296.2
509+50.00	to	510+00.00	1714.7	1286.0	0.0	1286.0
510+00.00	to	510+50.00	1584.9	1188.7	60.6	1128.1
510+50.00	to	511+00.00	1165.7	874.3	94.1	780.2
511+00.00	to	511+50.00	1023.3	767.5	57.6	709.9
511+50.00	to	512+00.00	853.8	640.4	38.1	602.3
512+00.00	to	512+50.00	672.0	504.0	23.0	481.0
512+50.00	to	513+00.00	514.4	385.8	11.9	373.9
513+00.00	to	513+50.00	402.8	302.1	4.2	297.9
513+50.00	to	514+00.00	295.8	221.9	1.1	220.8
514+00.00	to	514+50.00	229.5	172.1	0.0	172.1
514+50.00	to	515+00.00	176.0	132.0	0.3	131.7
515+00.00	to	515+50.00	207.8	155.9	0.5	155.4
MAINLINE SUBTOTAL			45,925.0	34,445.0	4,485.0	29,962.0
BIKE TRAIL SUBTOTAL						-302.0
SUBTRACT PROPOSED BOX CULVERT VOLUME						480.0
MAINLINE & BIKE TRAIL SUBTOTALS COMBINED						30,140.0

EARTHWORK SCHEDULE - BIKE TRAIL

STA	to	STA	UNADJUSTED EXCAVATION (CU YD)	EXCAVATION ADJUSTED FOR 25% SHINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
576+22.49	to	576+22.49	0	0	1.6	-1.6
576+25.00	to	576+25.00	0.7	0.5	18.0	-17.5
576+50.00	to	576+75.00	1.5	1.1	20.7	-19.6
576+75.00	to	577+00.00	2.0	1.5	20.8	-19.3
577+00.00	to	577+25.00	3.0	2.3	21.7	-19.4
577+25.00	to	577+50.00	1.8	1.4	11.4	-10.0
BOX CULVERT						
578+15.00	to	578+25.00	4.6	3.5	4.2	-0.7
578+25.00	to	578+50.00	20.1	15.1	20.5	-5.4
578+50.00	to	578+75.00	9.8	7.4	49.2	-41.8
578+75.00	to	579+00.00	1.2	0.9	85.6	-84.8
579+00.00	to	579+25.00	2.6	2.0	75.6	-73.7
579+25.00	to	579+32.49	0.8	0.6	8.8	-8.2
BIKE TRAIL SUBTOTAL			48.1	36.3	338.1	-302.0

ROW MARKERS - 6660105

STATION	OFFSET		DESCRIPTION
	FEET	LT/RT	
493+00.00	40	LT	ROW
493+00.00	40	RT	ROW
494+00.00	55	LT	ROW
494+00.00	55	RT	ROW
497+00.00	55	LT	ROW
497+00.00	55	RT	ROW
497+92.38	65	LT	ROW
497+92.42	65	RT	ROW
503+65.79	160	RT	PE
503+67.94	65	RT	PE/ROW
503+70.14	65	LT	PE/ROW
503+71.77	150	LT	PE
504+45.79	160	RT	PE/ROW
504+51.77	149.97	LT	PE/ROW

ROW & PROPERTY CORNER MARKERS - Z0025500

STATION	OFFSET		DESCRIPTION
	FEET	LT/RT	
493+00.00	40	LT	ROW
494+00.00	55	LT	ROW
497+00.00	55	LT	ROW
497+92.38	65	LT	ROW
503+70.14	65	LT	PE/ROW
503+71.77	150	LT	PE
504+51.77	149.97	LT	PE/ROW

SECTION CORNER MARKERS - Z0064505

STATION	OFFSET		DESCRIPTION
	FEET	LT/RT	
504+48.85	2.61	RT	1/4 CORNER

TEMPORARY GUARDRAIL SCHEDULE

LOCATION	TEMP. SPBGR TYA	TEMP. TBT TY1 (SPEC) TANG	GUARDRAIL MRKRS, TYA EACH	TERM. MKR DIR, APPL. EACH
	FOOT	EACH		
STA. 19+70.76 TO STA. 20+20.76		1		
STA. 517+72.67 TO STA. 518+22.67		1		
STA. 20+20.76 TO STA. 24+61.56	440.8		4	1
STA. 516+50.0 TO STA. 517+71.7	121.7		2	1
TOTAL				
	462.5	2	6	2

PAVEMENT MARKING SCHEDULE

LOCATION	SHORT-TERM PAVEMENT MARKING	WORK ZONE PAVEMENT MARKING REMOVAL	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	PAINT PAVEMENT MARKING - LINE 4"	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	WORK ZONE PAVEMENT MARKINGS
	FOOT	FOOT	FOOT	FOOT	EACH	EACH	SQ FT
STAGE I	31.0	5177.5		9847.0			10.2
STAGE II			10098.0				10.2
STAGE III	31.0	30.5			29	29	1098
TOTAL	62	5208	10098	9847	29	29	1119

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULES

FAP ROUTE 314 (IL 4)
SECTION 110-1VBR-1
MADISON COUNTY

DRAWN BY:

PLOT DATE: *DATE-TIME*

DATE: _____ BY: _____
 PLAN NUMBER: _____
 SHEET NO.: _____
 TOTAL SHEETS: _____
 CONTRACT NO.: _____

DATE-TIME: _____
 DATE-TIME: _____
 DATE-TIME: _____

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	8
STA.		TO STA.		
CONTRACT NO.: 76549				

* RESURFACING SCHEDULE

LOCATION	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), TYPE 1 12 3/4"	BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)	PAVEMENT REMOVAL	AGGREGATE SHOULDERS, TYPE A, 6"	BITUMINOUS SHOULDERS SUPERPAVE 8"	AGGREGATE SURFACE COURSE, TYPE B	BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), TYPE 1 10"	AGGREGATE BASE COURSE, TYPE B 8"	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, IL 9.5I (LOW ESAL)	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX C, N70	BITUMINOUS BINDER COURSE, SUPERPAVE, IL-19.0, N70
STATION TO STATION	TON	TON	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON	SQ YD	SQ YD	TON	SQ YD	SQ YD
SECTION 110-1VBR-1 SN 060-2406													
STA 491+39.30 TO STA 496+00.00	0.54	2.67	226.7	1251.5	249.0	291.8	285.3					246.0	106.0
STA 496+00.00 TO STA 511+00.00			4,000.0		4,070.0	1,000.0	1,000.0						
STA 511+00.00 TO STA 516+63.34	0.46	2.33	773.3	1427.4	605.0	327.2	325.7	28.2				280.0	120.0
WASTEWATER TREATMENT PLANT SERVICE ROAD (USE MAINLINE STATIONING)													
STA 494+13.08 TO STA 496+00.00					539.0								
STA 496+00.00 TO STA 500+86.29					965.0								
STA 500+86.29 TO STA 516+63.34					0.0								
BIKE TRAIL													
STA 576+22.49 TO STA 577+49.49										181.2	19.0		
STA 577+49.49 TO STA 578+15.99										109.6	11.6		
STA 578+15.99 TO STA 579+32.49										166.2	17.4		
RUN AROUND													
STA 0+76.00 TO STA 3+93.30					875.0			239.1	916.8				
STA 3+93.30 TO STA 19+03.90					2,140.0			434.7	4,364.1				
STA 19+03.90 TO STA 23+46.60					1,284.0				1,279.1				
RECONSTRUCTED SERVICE DRIVE (USE RUNAROUND STATIONING)													
STA 0+00.00 TO STA 3+83.13									871				
STA 11+63.37 TO STA 12+18.52									159				
TOTAL	1	5	5,000	2679	10,727	1,619	1,611	702	7,590	457	48	526	226

* THE BITUMINOUS PRIME COAT FOR THE BIKE TRAIL IS INCLUDED IN THE PRICE OF BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE IL 9.5L (LOW ESAL)

GUARDRAIL SCHEDULE

LOCATION	GUARDRAIL REMOVAL FOOT	SPBGR TYA FOOT	TBT TY1 (SPEC) TANG EACH	GUARDRAIL MKRS, TYA EACH	TERM. MKR DIR. APPL. EACH
STA. 500+08 TO STA. 503+58-LT	350				
STA. 500+08 TO STA. 503+58-RT	350				
STA. 502+95 TO STA. 504+70-LT	175				
STA. 502+95 TO STA. 504+70-RT	175				
STA. 500+12.5-RT			1		1
STA. 500+62.5 TO STA. 506+12.5-RT		550		8	
STA. 506+12.5-RT			1		1
STA. 500+87.5 -LT			1		1
STA. 501+37.5 TO STA. 506+87.5-LT		550		8	
STA. 506+87.5-LT			1		1
STA. 513+89.3-LT			1		1
STA. 514+39.3 TO STA. 518+76.8-LT		437.5		6	
STA. 519+26.8-LT			1		1
STA. 514+63.09-RT			1		1
STA. 515+13.09 TO STA. 519+50.59-RT		437.5		6	
STA. 520+00.59-RT			1		1
TOTAL	1050	1975	8	28	8

EROSION CONTROL SCHEDULE

PAGE	INLET & PIPE PROTECTION (EACH)	TEMP DITCH CHECK (EACH)	PERIMETER EROSION BAR. (FEET)	TEMPORARY SEEDING (ACRE)	TEMP. MULCH METHOD 1 (ACRE)
16	2	8	591	0.25	0.25
17	6	4	3046	1.50	1.50
18	2	1	968	0.50	0.50
19	3	3	467	0.25	0.25
20	7	4	3054	3.75	3.75
21	2	0	841	0.50	0.50
22	0	0	0	0.00	0.00
23	0	0	1308	0.75	0.75
24	2	0	787	0.50	0.50
	24	20	11062	8	8

PIPE CULVERT SCHEDULE

STATION	OFFSET	LT/RT	CONCRETE HEADWALL	REINFORCED CONCRETE PIPE ELBOW 30"	PIPE CULVERTS CL A, TYPE 2, 24"	TYPE 2 CORRUGATED STEEL OR ALLUMINUM CULVERT 15"	TEMPORARY		PIPE CULVERT REMOVAL
							PIPE CULVERTS CL A, TYPE 2, 24"	PIPE CULVERTS CL A, TYPE 2, 30"	
	(FOOT)		(CUBIC YARDS)	(EACH)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)
493+61.83	27.1	LT				214			
494+09.86	24.36	LT							42
501+33.73	58.9	LT				40			
503+90.36	102.3	LT			50				
503+91.74	ON MAINLINE								78
503+91.74	38	LT	0.6		78				
504+31.50	38	LT	0.6		78				
504+40.55	ON MAINLINE								78
505+10.95	123.9	LT					114		
512+68.43	58.2	LT		1					
512+68.43	54.6	LT						10	
513+11.89	62.3	LT						76	
515+42.80	29.7	LT						18	
TOTAL:			1.2	1	206	254	114	104	198

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULES

FAP ROUTE 314 (IL 4)
SECTION 110-1VBR-1
MADISON COUNTY

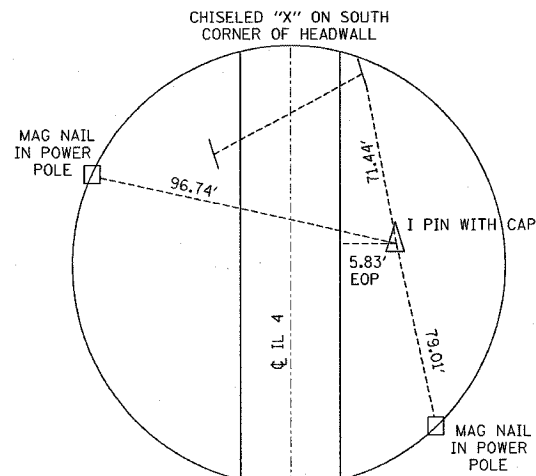
DRAWN BY:

PLOT DATE: *DATE-TIME*

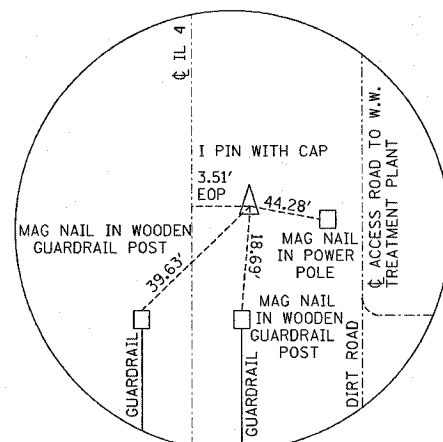
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 NO. _____

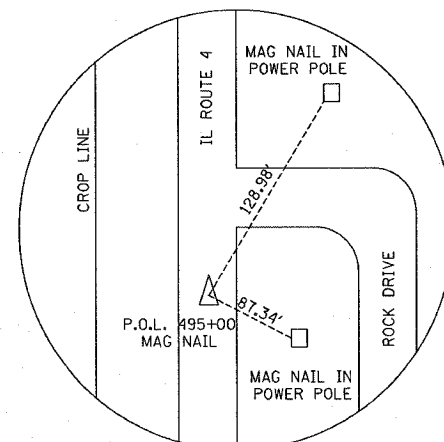
FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
314	110-1VBR-1	MADISON	77	9
STA.		TO STA.		
CONTRACT NUMBER:		76549		



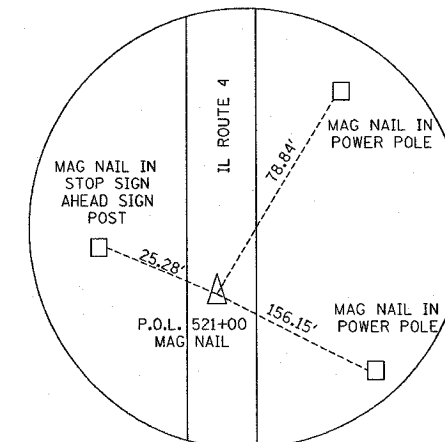
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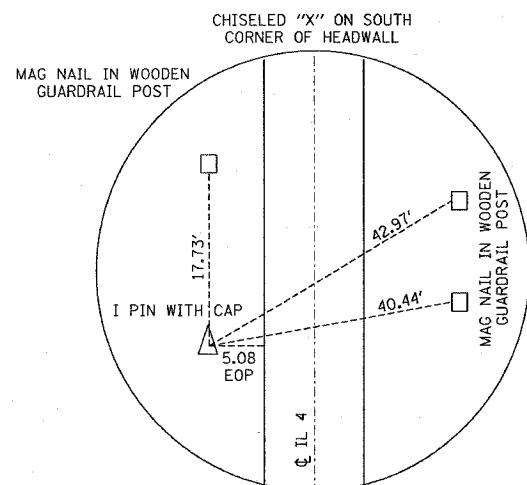
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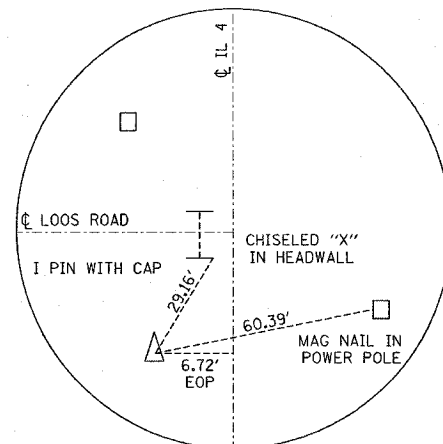
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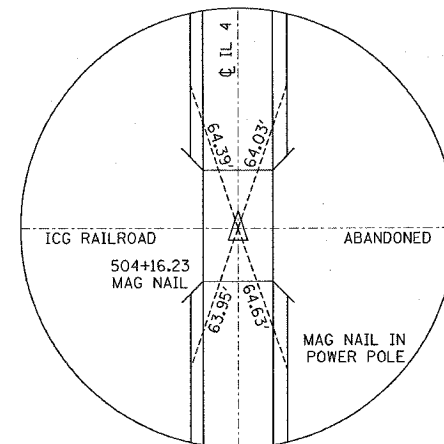
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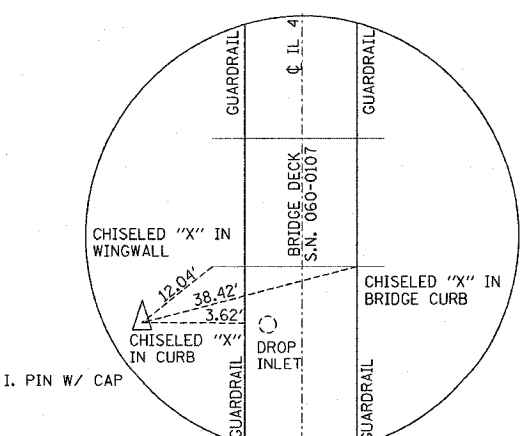
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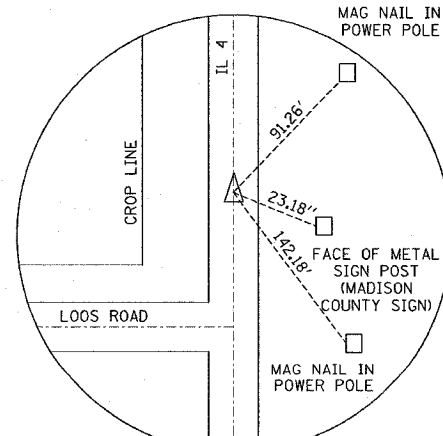
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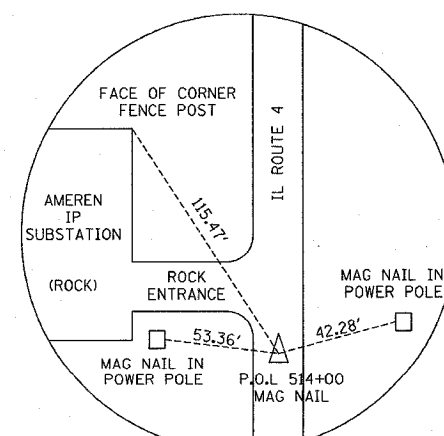
P.O.L. 504+16.45



LOCATED ± 0.49 MILES NORTH OF INTERSECTION OF IL 143 & IL 4



P.O.L. 488+00



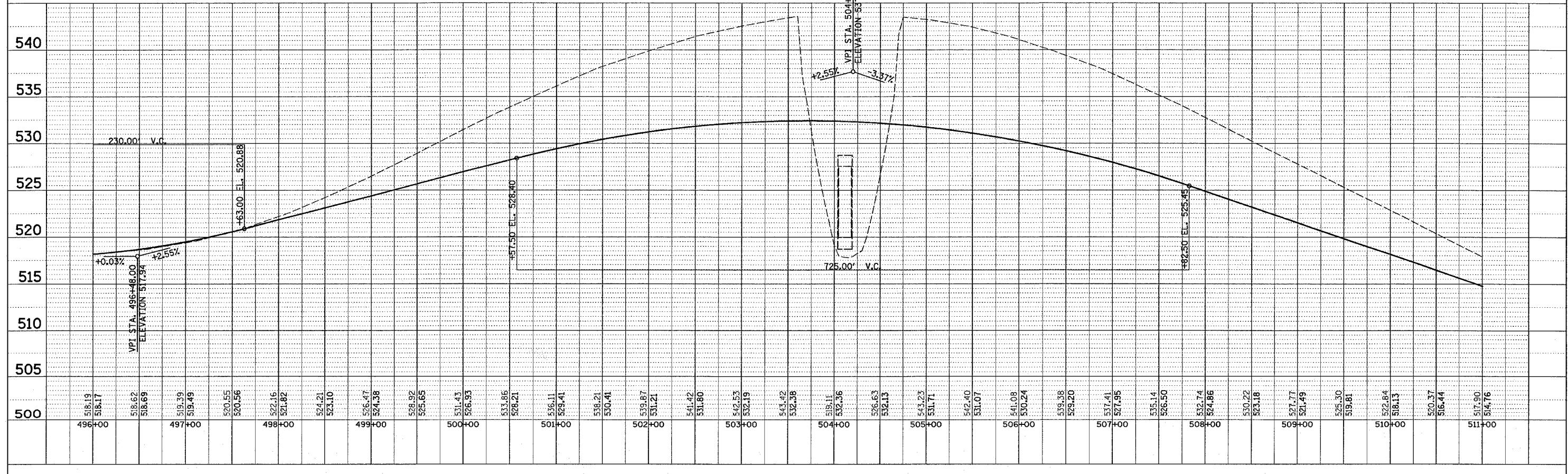
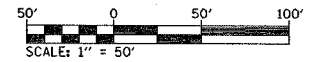
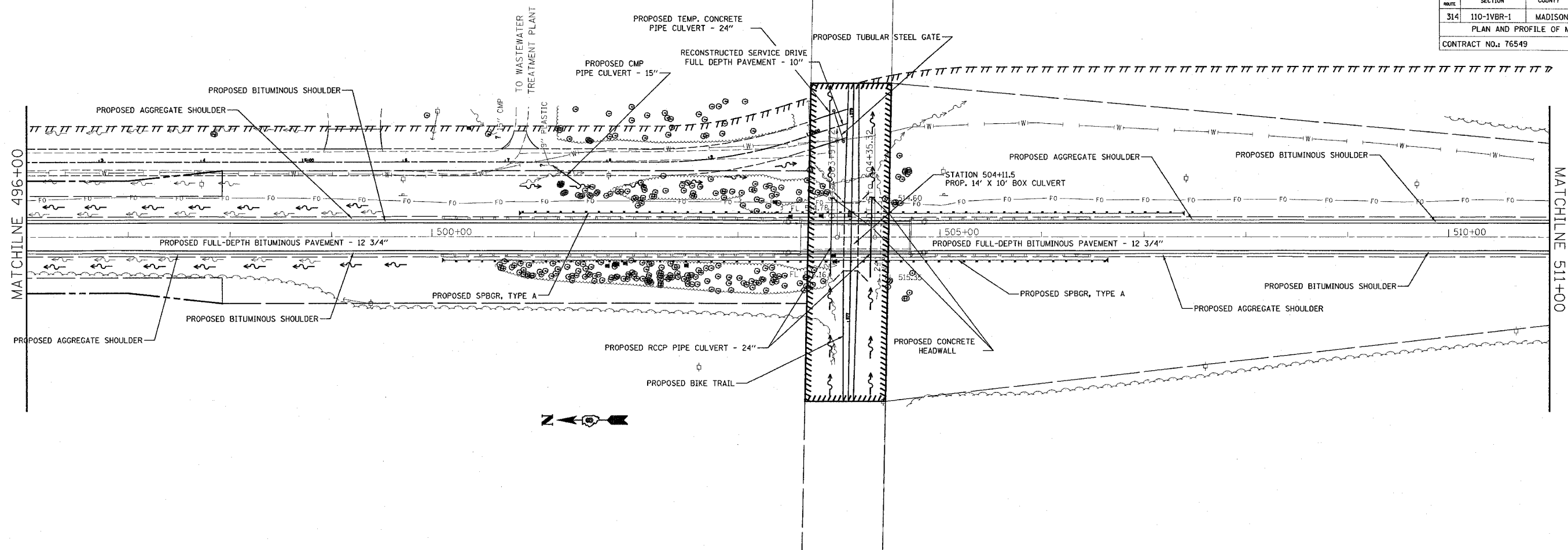
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PLOT SCALE = 500000 / IN.
REFERENCE = 8/12/04

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ALIGNMENT AND TIE POINTS
FAP ROUTE 314 (IL 4)
SECTION 110-1VBR-1
MADISON COUNTY
DRAWN BY:

MAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	11
PLAN AND PROFILE OF MAINLINE				
CONTRACT NO.: 76549				

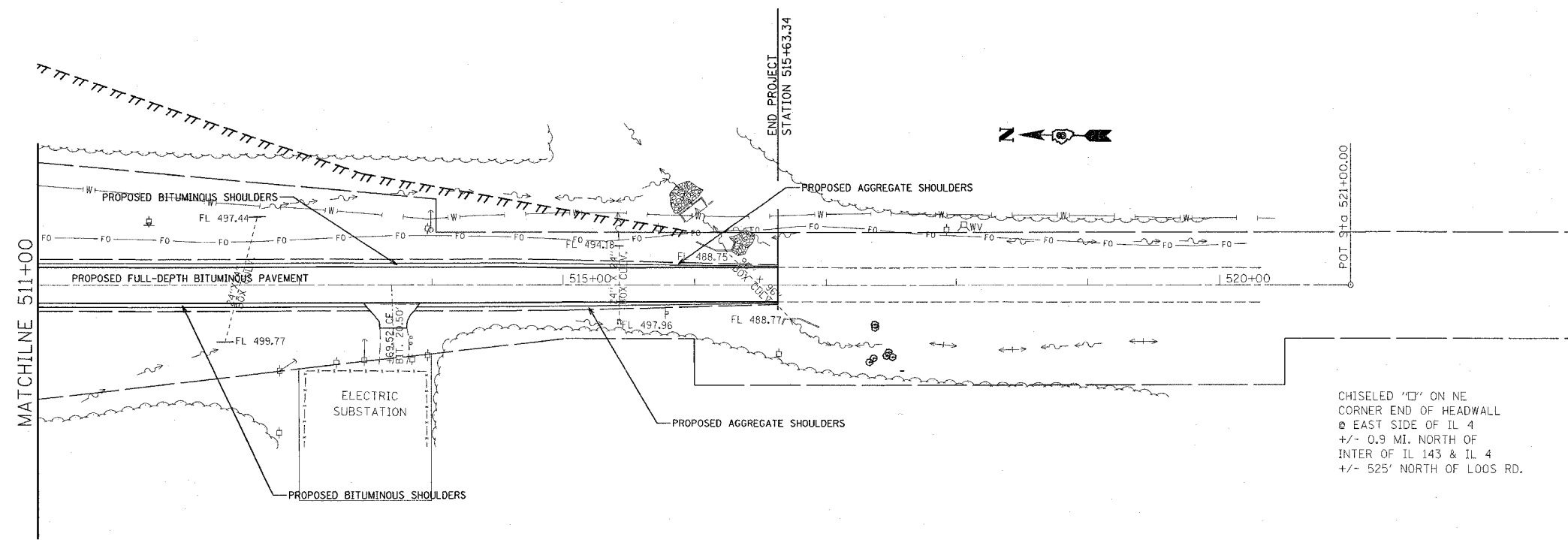


PLAN	DATE
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NOTE BOOK NO.	
FILE NAME	

PROFILE	DATE
DESIGNED BY	
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DATE	
NOTE BOOK NO.	
FILE NAME	

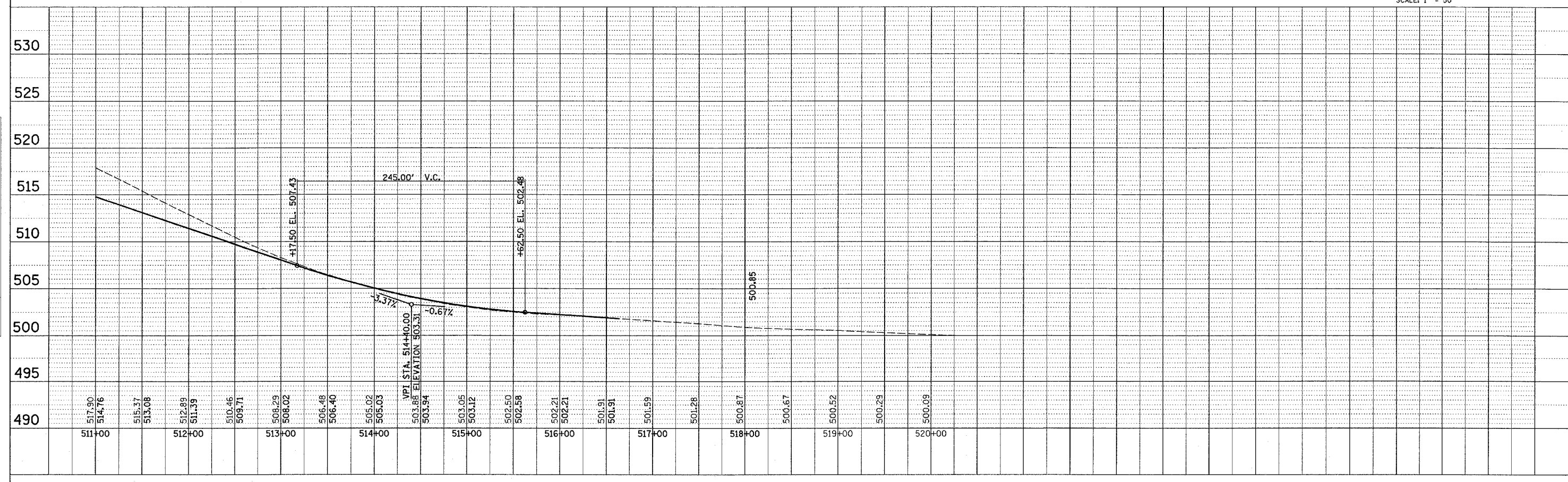
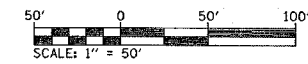
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F&P ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	12
PLAN AND PROFILE OF MAINLINE				
CONTRACT NO.: 76549				



PLAN	DATE	BY
SURVEYED		
ALIGNED		
CHECKED		
NOTE BOOK NO.		
DATE		

PROFILE	DATE	BY
SURVEYED		
GRADES CHECKED		
NOTE BOOK NO.		
DATE		

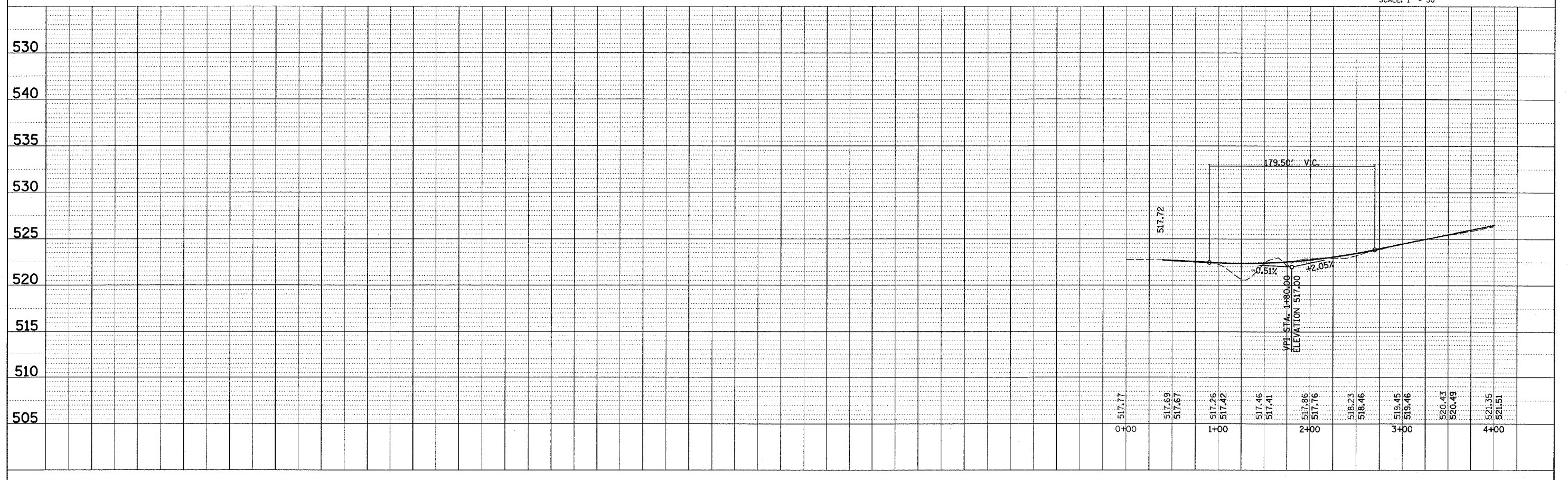
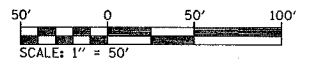
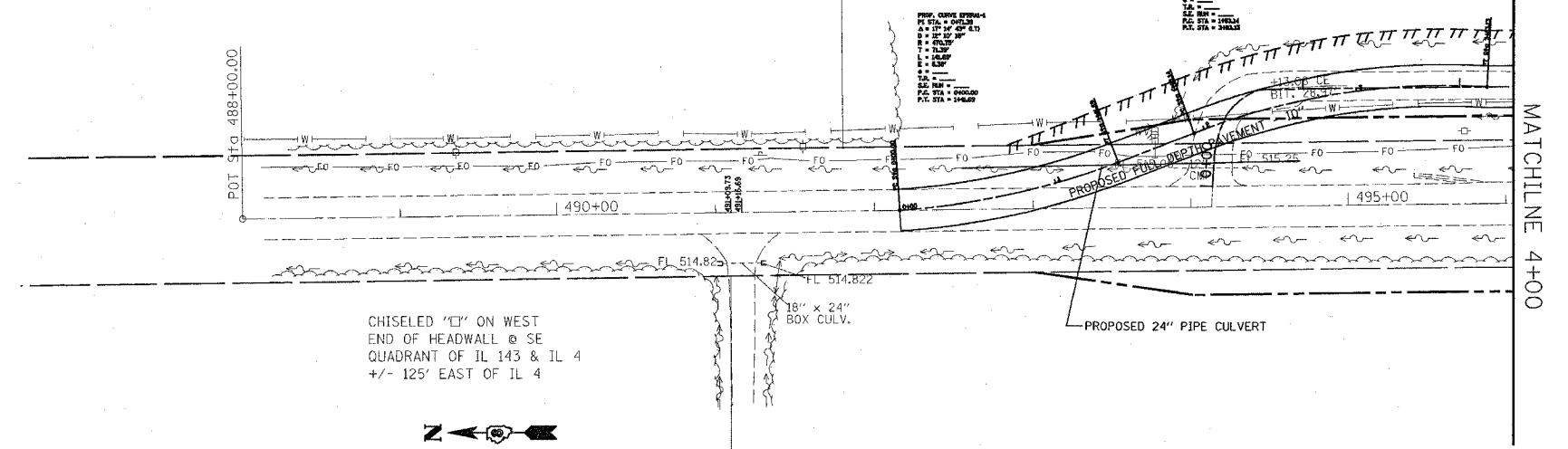


DATE: 3/28/2006
 3/28/2006
 REF: 1130pp0000022

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77
PLAN AND PROFILE OF RUNAROUND			
CONTRACT NO.: 76549			

PLAN	REVISIONS	DATE
NO.	NO.	
BY		
CHECKED		
DATE		

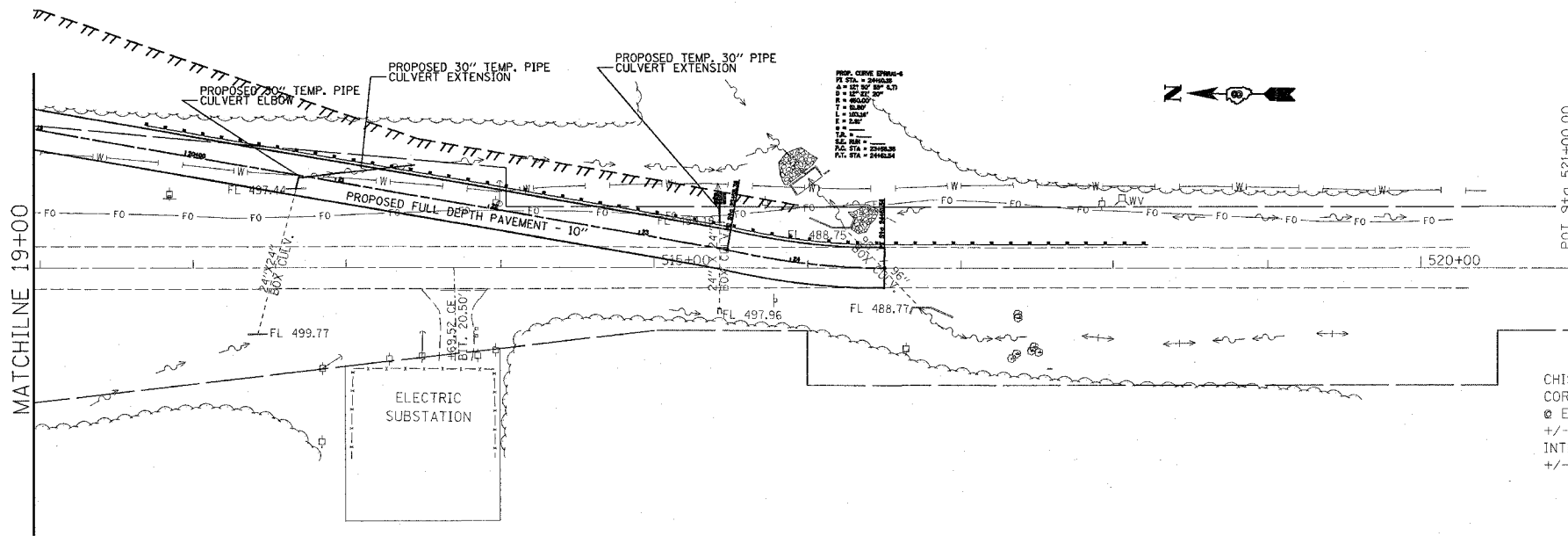
PROFILE	REVISIONS	DATE
NO.	NO.	
BY		
CHECKED		
DATE		



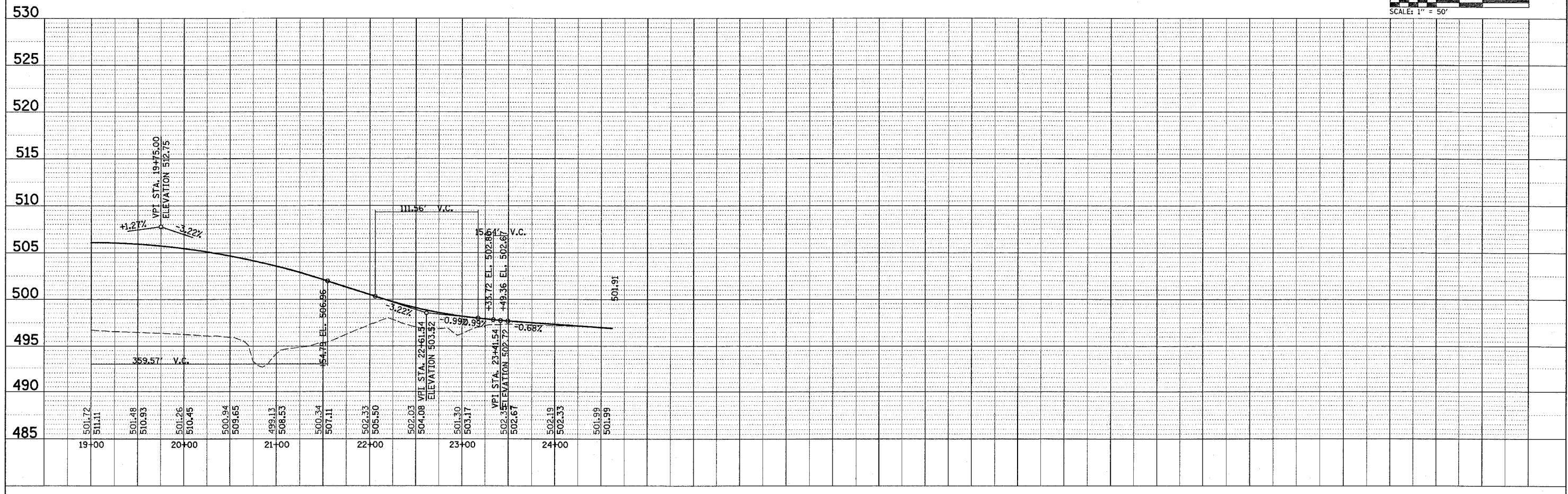
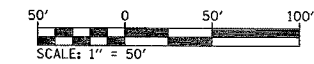
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FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	15
PLAN AND PROFILE OF RUNAROUND				
CONTRACT NO.: 76549				



CHISELED "C" ON NE
CORNER END OF HEADWALL
EAST SIDE OF IL 4
+/- 0.9 MI. NORTH OF
INTER OF IL 143 & IL 4
+/- 525' NORTH OF LOOS RD.

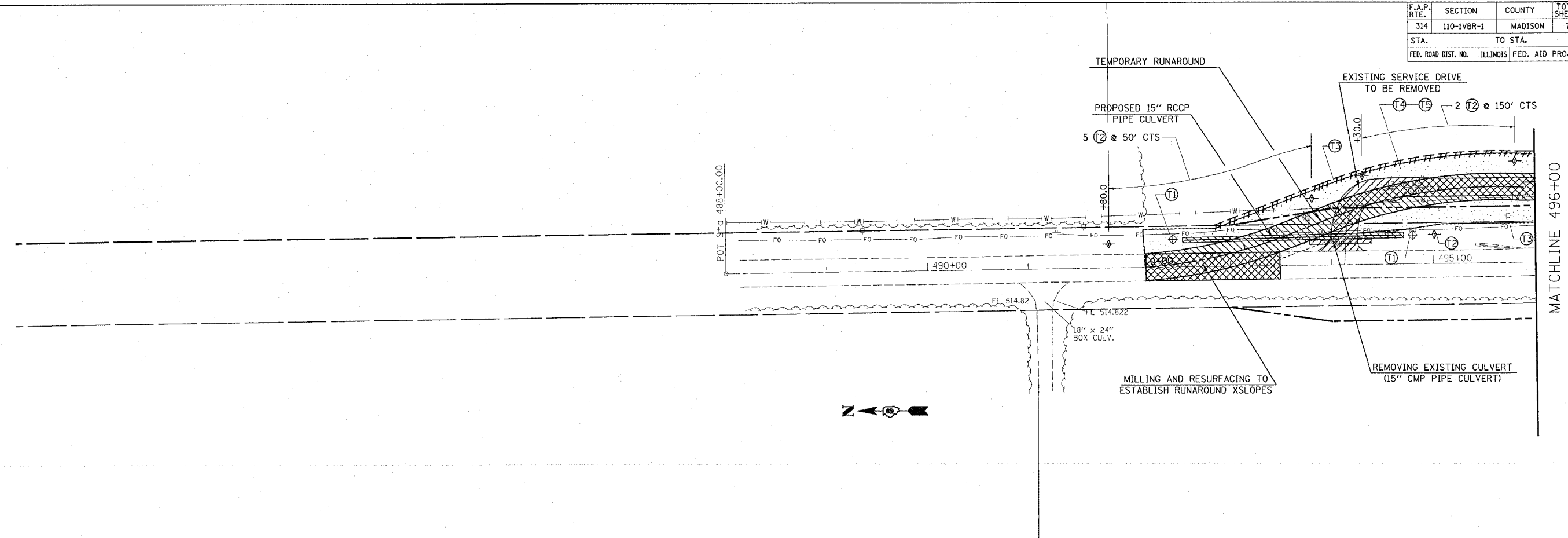


PLAN	DATE	BY
REVISION		
NO.		

PROFILE	DATE	BY
REVISION		
NO.		

DATE: 3/28/2006
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	16
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

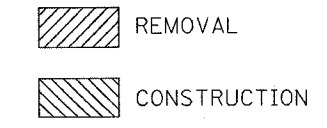


SUGGESTED STAGE CONSTRUCTION

- STAGE 1:**
1. STAGE 1 CONSTRUCTION SHALL CONSIST OF REMOVING THE EXISTING SERVICE DRIVE, CONSTRUCTING THE TEMPORARY RUNAROUND, CONSTRUCTING THE PEDESTRIAN BOX CULVERT, INSTALLING TEMPORARY CULVERTS, INSTALLING TEMPORARY GUARDRAIL, INSTALLING CULVERTS, TEMPORARY EXTENSION OF CULVERTS, GRADING DITCHES, AND ANY ATTENDING EARTHWORK.
 2. TRAFFIC CONTROL FOR THIS WORK SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF STANDARDS 701001, 701011, 701306, 701326.
 3. THE TEMPORARY RUNAROUND SHALL CONSIST OF 1 3/4" SURFACE COURSE, AND A 8 1/4" BINDER COURSE.
 4. BOTH LANES OF TRAFFIC ON FAP 314 SHALL BE OPEN TO TRAFFIC DURING PHASE 1 OF CONSTRUCTION.

NOTES:

1. THE CONTRACTOR SHALL MAINTAIN TEMPORARY ACCESS TO THE ELECTRIC SUBSTATION AND TO WASTE WATER TREATMENT PLANT LOCATED WITHIN THE LIMITS OF THE PROJECT.
2. TEMPORARY ACCESS SHALL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR AGGREGATE SURFACE COURSE TYPE B. WHEN USE OF THE AGGREGATE SURFACE COURSE TYPE B IS DISCONTINUED AS TEMPORARY ACCESS IT SHALL BE UTILIZED IN PERMANENT CONSTRUCTION. THE REUSE AND PLACEMENT SHALL BE AS DETERMINED BY THE ENGINEER.
3. REMOVAL AND REUSE OF TEMPORARY ACCESS MATERIALS SHALL BE CONSIDERED AS INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE, TYPE B.
4. USE STANDARD TRAFFIC CONTROL AND PROTECTION EXCEPT WHERE NOTED.



TEMPORARY EROSION CONTROL MEASURES

- ⊕ (T1) INLET AND PIPE PROTECTION
- ⊕ (T2) TEMPORARY DITCH CHECK
- ⊕ (T3) PERIMETER EROSION BARRIER
- ⊕ (T4) TEMPORARY SEEDING
- ⊕ (T5) TEMPORARY MULCH METHOD I

NOTES:

FOR SCHEDULE AND QUANTITIES OF PERMANENT EROSION CONTROL PAY ITEMS SEE ROADWAY PLANS.
SEE STANDARD 280001 FOR TEMPORARY EROSION CONTROL SYSTEM DETAILS.

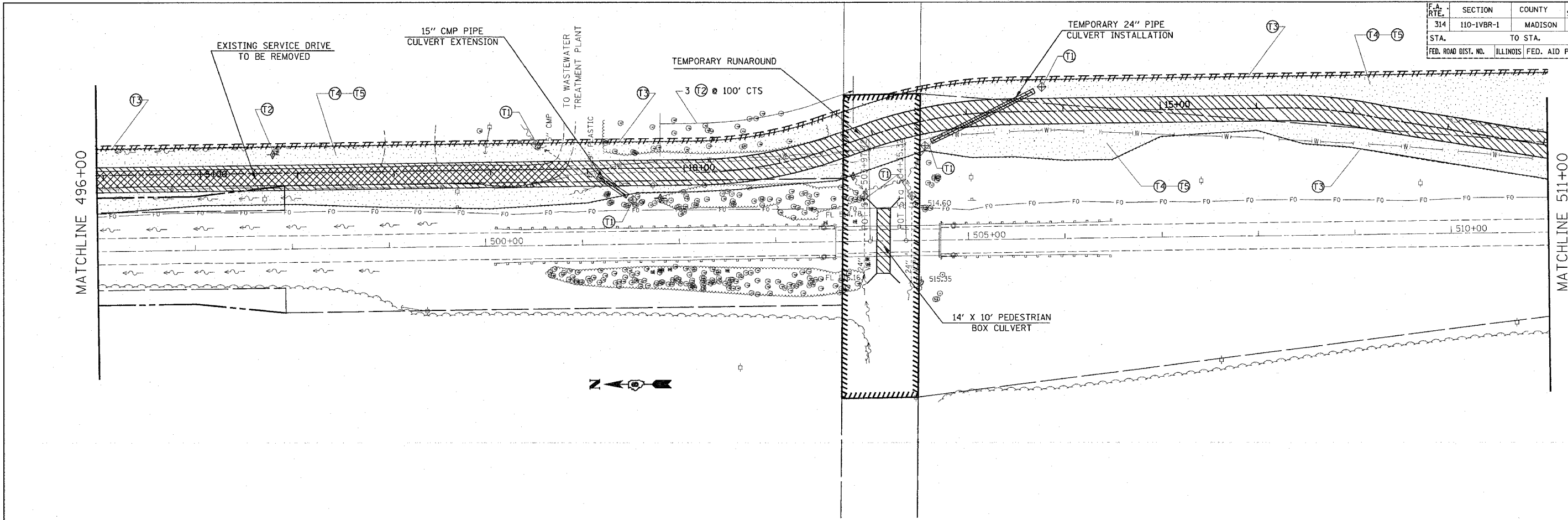
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE I CONSTRUCTION & REMOVAL
 FAP ROUTE 314
 SECTION 110-1VBR-1
 MADISON COUNTY

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

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

CONTRACT NO.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	17
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



SUGGESTED STAGE CONSTRUCTION

STAGE 1:

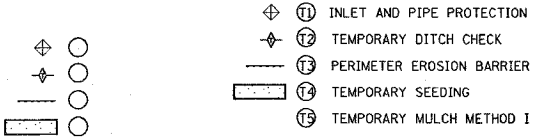
1. STAGE 1 CONSTRUCTION SHALL CONSIST OF REMOVING THE EXISTING SERVICE DRIVE, CONSTRUCTING THE TEMPORARY RUNAROUND, CONSTRUCTING THE PEDESTRIAN BOX CULVERT, INSTALLING TEMPORARY CULVERTS, INSTALLING TEMPORARY GUARDRAIL, INSTALLING CULVERTS, TEMPORARY EXTENSION OF CULVERTS, GRADING DITCHES, AND ANY ATTENDING EARTHWORK.
2. TRAFFIC CONTROL FOR THIS WORK SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF STANDARDS 701001, 701011, 701306, 701326.
3. THE TEMPORARY RUNAROUND SHALL CONSIST OF 1 3/4\"/>

NOTES:

1. THE CONTRACTOR SHALL MAINTAIN TEMPORARY ACCESS TO THE ELECTRIC SUBSTATION AND TO WASTE WATER TREATMENT PLANT LOCATED WITHIN THE LIMITS OF THE PROJECT.
2. TEMPORARY ACCESS SHALL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR AGGREGATE SURFACE COURSE TYPE B. WHEN USE OF THE AGGREGATE SURFACE COURSE TYPE B IS DISCONTINUED AS TEMPORARY ACCESS IT SHALL BE UTILIZED IN PERMANENT CONSTRUCTION. THE REUSE AND PLACEMENT SHALL BE AS DETERMINED BY THE ENGINEER.
3. REMOVAL AND REUSE OF TEMPORARY ACCESS MATERIALS SHALL BE CONSIDERED AS INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE, TYPE B.
4. USE STANDARD TRAFFIC CONTROL AND PROTECTION EXCEPT WHERE NOTED.



TEMPORARY EROSION CONTROL MEASURES



NOTES:

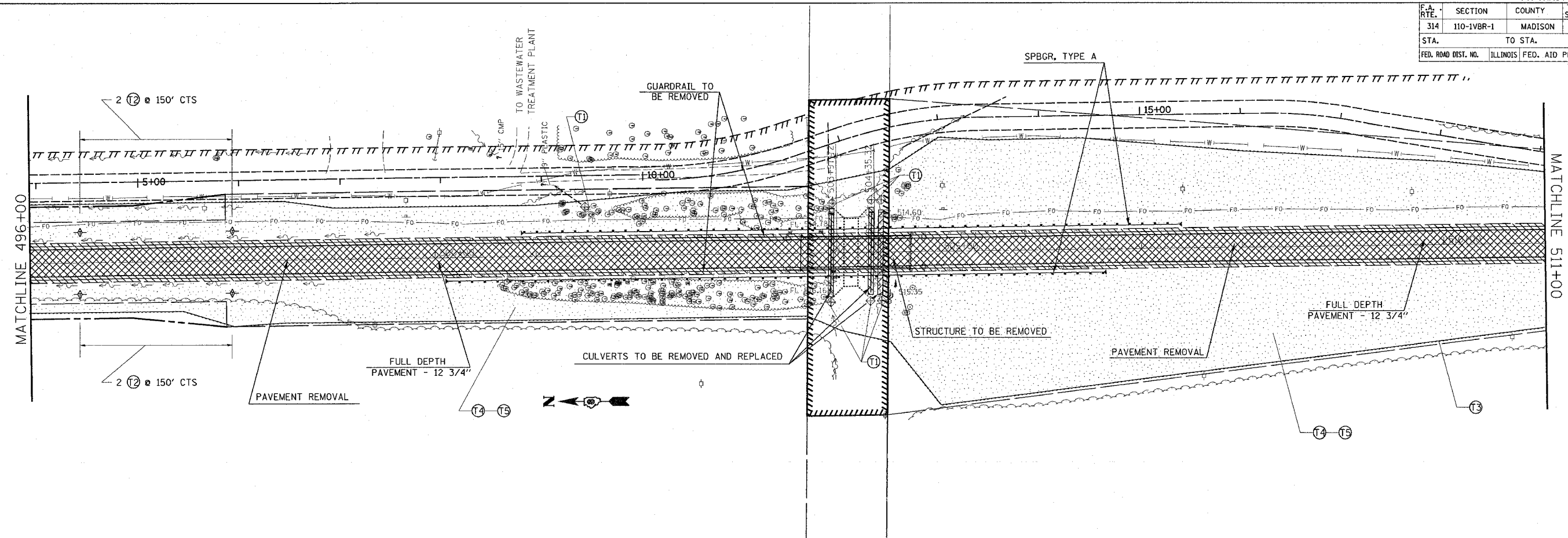
- FOR SCHEDULE AND QUANTITIES OF PERMANENT EROSION CONTROL PAY ITEMS SEE ROADWAY PLANS.
SEE STANDARD 280001 FOR TEMPORARY EROSION CONTROL SYSTEM DETAILS.

PLOT DATE: * DATE *
 PLOT SCALE: * SCALE *
 REFERENCE: * REF *

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE I CONSTRUCTION & REMOVAL
 FAP ROUTE 314
 SECTION 110-1VBR-1
 MADISON COUNTY
 VERT. SCALE: DATE
 HORIZ. DRAWN BY
 CHECKED BY

CONTRACT NO.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	20
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



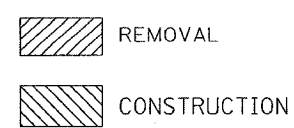
SUGGESTED STAGE CONSTRUCTION

STAGE 2:

1. STAGE 2 CONSTRUCTION SHALL CONSIST OF REMOVING THE EXISTING MAINLINE PAVEMENT TO THE LIMITS DETAILED IN THE PLANS, SURFACE REMOVAL OF EXISTING MAINLINE PAVEMENT TO ESTABLISH CROSS SLOPES FOR THE RUNAROUND, REMOVING THE EXISTING STRUCTURE, REMOVING INLETS AND DRAINS ON THE EXISTING BRIDGE APPROACH PAVEMENT, REMOVAL OF THE EXISTING BRIDGE APPROACH PAVEMENT, REMOVAL AND REPLACEMENT OF CULVERTS, CONSTRUCTING THE NEW PAVEMENT, INSTALLING GUARDRAIL, CONSTRUCTING THE AGGREGATE AND BITUMINOUS SHOULDERS, AND RESURFACING OF THE EXISTING PAVEMENT.
2. TRAFFIC CONTROL FOR THIS WORK SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF STANDARDS 701001, 701006, 701331 AND B.L.R. 22-4.
3. THE PROPOSED MAINLINE PAVEMENT SHALL CONSIST OF 1 3/4" SURFACE COURSE AND A 11' BINDER COURSE.
4. TRAFFIC WILL BE ROUTED TO THE TEMPORARY RUNAROUND DURING STAGE 2 CONSTRUCTION.

NOTES:

1. THE CONTRACTOR SHALL MAINTAIN TEMPORARY ACCESS TO THE ELECTRIC SUBSTATION AND TO WASTE WATER TREATMENT PLANT LOCATED WITHIN THE LIMITS OF THE PROJECT.
2. TEMPORARY ACCESS SHALL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR AGGREGATE SURFACE COURSE TYPE B. WHEN USE OF THE AGGREGATE SURFACE COURSE TYPE B IS DISCONTINUED AS TEMPORARY ACCESS IT SHALL BE UTILIZED IN PERMANENT CONSTRUCTION. THE REUSE AND PLACEMENT SHALL BE AS DETERMINED BY THE ENGINEER.
3. REMOVAL AND REUSE OF TEMPORARY ACCESS MATERIALS SHALL BE CONSIDERED AS INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE, TYPE B.
4. USE STANDARD TRAFFIC CONTROL AND PROTECTION EXCEPT WHERE NOTED.



TEMPORARY EROSION CONTROL MEASURES

- ⊕ (T1) INLET AND PIPE PROTECTION
- ⊕ (T2) TEMPORARY DITCH CHECK
- (T3) PERIMETER EROSION BARRIER
- ▭ (T4) TEMPORARY SEEDING
- ▭ (T5) TEMPORARY MULCH METHOD I

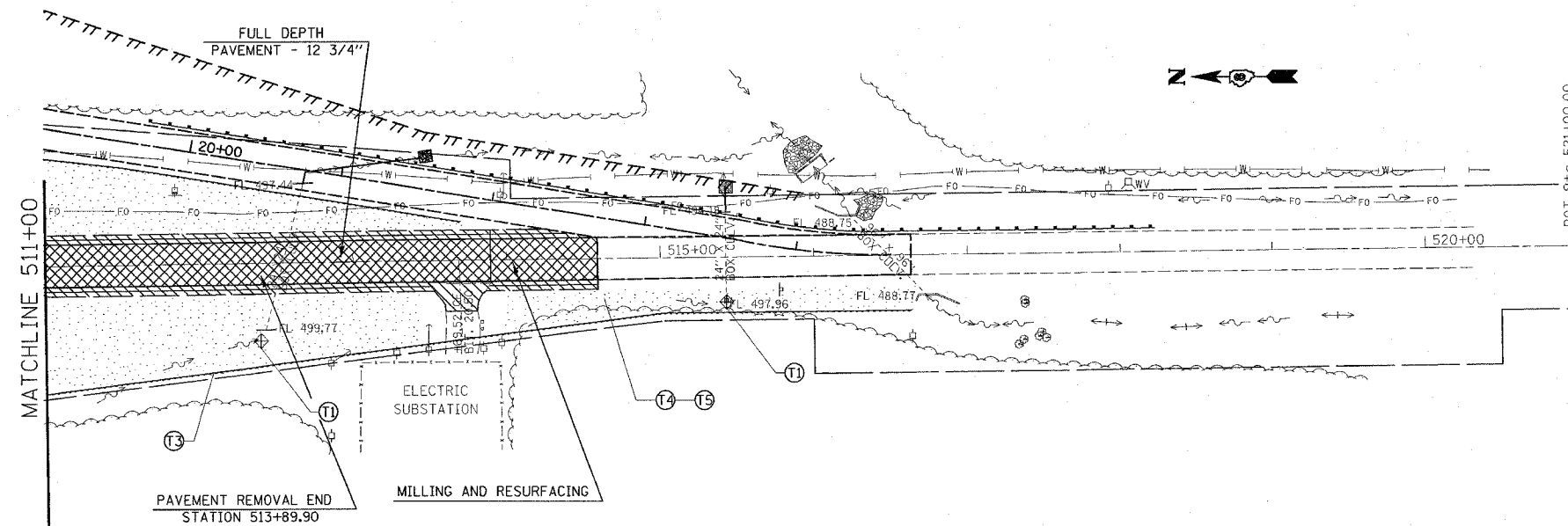
NOTES:

FOR SCHEDULE AND QUANTITIES OF PERMANENT EROSION CONTROL PAY ITEMS SEE ROADWAY PLANS.
SEE STANDARD 280001 FOR TEMPORARY EROSION CONTROL SYSTEM DETAILS.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION STAGE II CONSTRUCTION & REMOVAL
NAME	DATE	
		FAP ROUTE 314 SECTION 110-1VBR-1 MADISON COUNTY SCALE: VERT. _____ HORIZ. _____ DATE _____ DRAWN BY _____ CHECKED BY _____

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

CONTRACT NO.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	21
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**SUGGESTED STAGE CONSTRUCTION
STAGE 2:**

1. STAGE 2 CONSTRUCTION SHALL CONSIST OF REMOVING THE EXISTING MAINLINE PAVEMENT TO THE LIMITS DETAILED IN THE PLANS, SURFACE REMOVAL OF EXISTING MAINLINE PAVEMENT TO ESTABLISH CROSS SLOPES FOR THE RUNAROUND, REMOVING THE EXISTING BRIDGE APPROACH PAVEMENT, REMOVAL AND REPLACEMENT OF CULVERTS, CONSTRUCTING THE NEW PAVEMENT, INSTALLING GUARDRAIL, CONSTRUCTING THE AGGREGATE AND BITUMINOUS SHOULDERS, AND RESURFACING OF THE EXISTING PAVEMENT.
2. TRAFFIC CONTROL FOR THIS WORK SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF STANDARDS 701001, 701006, 701331 AND B.L.R. 22-4.
3. THE PROPOSED MAINLINE PAVEMENT SHALL CONSIST OF 1 3/4" SURFACE COURSE AND A 11" BINDER COURSE.
4. TRAFFIC WILL BE ROUTED TO THE TEMPORARY RUNAROUND DURING STAGE 2 CONSTRUCTION.

NOTES:

1. THE CONTRACTOR SHALL MAINTAIN TEMPORARY ACCESS TO THE ELECTRIC SUBSTATION AND TO WASTE WATER TREATMENT PLANT LOCATED WITHIN THE LIMITS OF THE PROJECT.
2. TEMPORARY ACCESS SHALL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR AGGREGATE SURFACE COURSE TYPE B. WHEN USE OF THE AGGREGATE SURFACE COURSE TYPE B IS DISCONTINUED AS TEMPORARY ACCESS IT SHALL BE UTILIZED IN PERMANENT CONSTRUCTION. THE REUSE AND PLACEMENT SHALL BE AS DETERMINED BY THE ENGINEER.
3. REMOVAL AND REUSE OF TEMPORARY ACCESS MATERIALS SHALL BE CONSIDERED AS INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE, TYPE B.
4. USE STANDARD TRAFFIC CONTROL AND PROTECTION EXCEPT WHERE NOTED.



TEMPORARY EROSION CONTROL MEASURES

- ⊕ (1) INLET AND PIPE PROTECTION
- ⊕ (2) TEMPORARY DITCH CHECK
- ⊕ (3) PERIMETER EROSION BARRIER
- ⊕ (4) TEMPORARY SEEDING
- ⊕ (5) TEMPORARY MULCH METHOD I

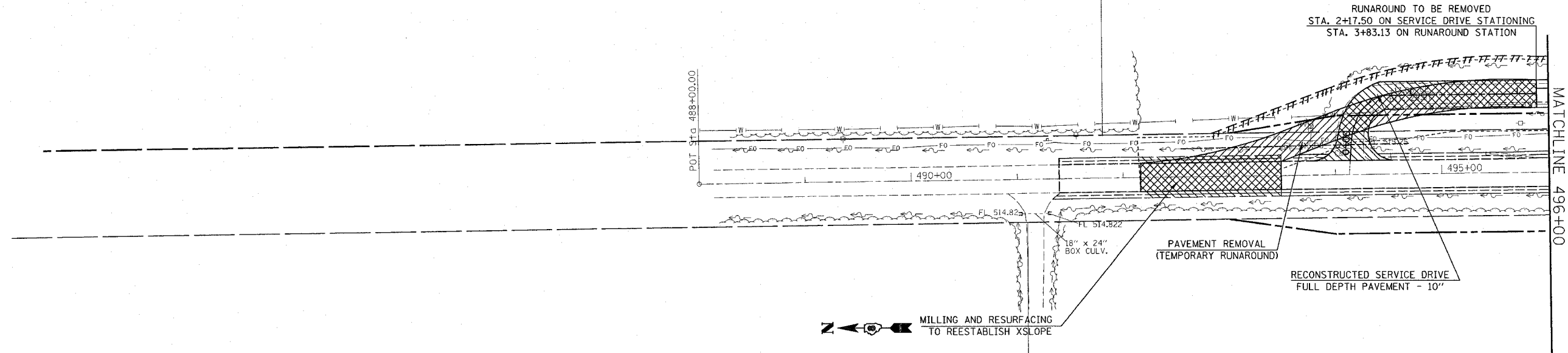
NOTES:

FOR SCHEDULE AND QUANTITIES OF PERMANENT EROSION CONTROL PAY ITEMS SEE ROADWAY PLANS.
SEE STANDARD 280001 FOR TEMPORARY EROSION CONTROL SYSTEM DETAILS.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION STAGE II CONSTRUCTION & REMOVAL FAP ROUTE 314 SECTION 110-1VBR-1 MADISON COUNTY
NAME	DATE	
		SCALE: VERT. DATE: HORIZ. DRAWN BY CHECKED BY

PLOT DATE = 04/25/09
FILE NAME = 110-1VBR-1
SHEET NO. = 21
REFERENCE = 08/08/08

CONTRACT NO.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	22
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

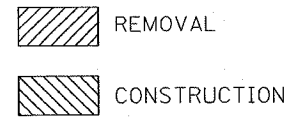


SUGGESTED STAGE CONSTRUCTION

- STAGE 3:**
1. STAGE 3 CONSTRUCTION SHALL CONSIST OF REMOVING THE TEMPORARY RUNAROUND TO THE LIMITS SHOWN IN THE PLANS, RECONSTRUCTING THE PROPOSED SERVICE DRIVE ENTRANCE, CONSTRUCTING THE BIKE TRAIL, REMOVAL OF TEMPORARY CULVERTS AND TEMPORARY CULVERT EXTENSIONS, REMOVAL OF THE TEMPORARY GUARDRAIL, MILLING AND RESURFACING OF THE MAINLINE PAVEMENT TO REESTABLISH CROSS SLOPES, INSTALLING THE TUBULAR STEEL GATE ON THE SERVICE DRIVE AS SHOWN IN THE PLANS, AND FINAL GRADING AND EARTHWORK.
 2. THE PROPOSED BIKE TRAIL SHALL CONSIST OF 2" BITUMINOUS CONCRETE SURFACE COURSE, AND 4" AGGREGATE BASE COURSE. THE PROPOSED SERVICE DRIVE ENTRANCE SHALL CONSIST OF 1 3/4" SURFACE COURSE AND 8 1/4" BINDER COURSE.
 3. TRAFFIC CONTROL FOR THIS WORK SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF STANDARDS 701001, 701006, 701306, 701331.

NOTES:

1. THE CONTRACTOR SHALL MAINTAIN TEMPORARY ACCESS TO THE ELECTRIC SUBSTATION AND TO WASTE WATER TREATMENT PLANT LOCATED WITHIN THE LIMITS OF THE PROJECT.
2. TEMPORARY ACCESS SHALL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR AGGREGATE SURFACE COURSE TYPE B. WHEN USE OF THE AGGREGATE SURFACE COURSE TYPE B IS DISCONTINUED AS TEMPORARY ACCESS IT SHALL BE UTILIZED IN PERMANENT CONSTRUCTION. THE REUSE AND PLACEMENT SHALL BE AS DETERMINED BY THE ENGINEER.
3. REMOVAL AND REUSE OF TEMPORARY ACCESS MATERIALS SHALL BE CONSIDERED AS INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE, TYPE B.
4. USE STANDARD TRAFFIC CONTROL AND PROTECTION EXCEPT WHERE NOTED.
5. THE PLACEMENT OF THE TUBULAR STEEL GATE WILL BE AS COORDINATED WITH MADISON COUNTY TRANSIT AND THE RESIDENT ENGINEER.



REVISIONS	
NAME	DATE

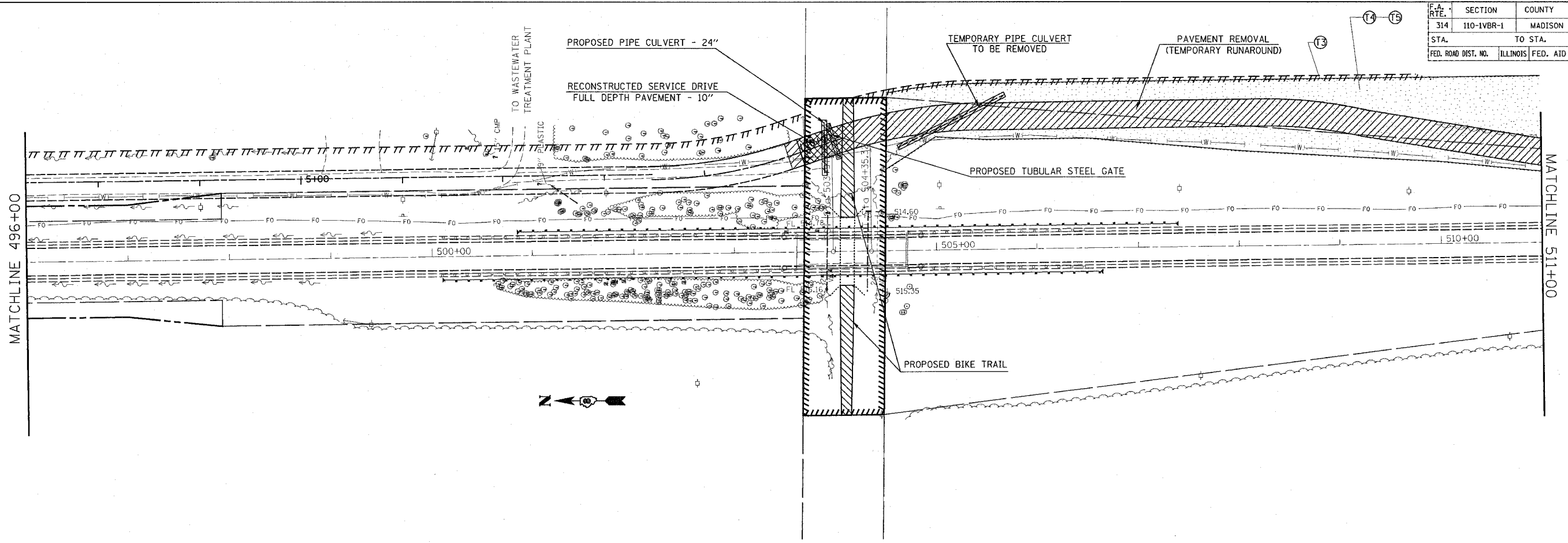
ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE III CONSTRUCTION & REMOVAL
 FAP ROUTE 314
 SECTION 110-1VBR-1
 MADISON COUNTY

SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE = #DATE#
 FILE NAME = #FILE#
 SHEET NO. = #SHEET#
 REFERENCE = #REF#

CONTRACT NO.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	23
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



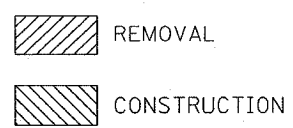
SUGGESTED STAGE CONSTRUCTION

STAGE 3:

1. STAGE 3 CONSTRUCTION SHALL CONSIST OF REMOVING THE TEMPORARY RUNAROUND TO THE LIMITS SHOWN IN THE PLANS, RECONSTRUCTING THE PROPOSED SERVICE DRIVE ENTRANCE, CONSTRUCTING THE BIKE TRAIL, REMOVAL OF TEMPORARY CULVERTS AND TEMPORARY CULVERT EXTENSIONS, REMOVAL OF THE TEMPORARY GUARDRAIL, MILLING AND RESURFACING OF THE MAINLINE PAVEMENT TO REESTABLISH CROSS SLOPES, INSTALLING THE TUBULAR STEEL GATE ON THE SERVICE DRIVE AS SHOWN IN THE PLANS, AND FINAL GRADING AND EARTHWORK.
2. THE PROPOSED BIKE TRAIL SHALL CONSIST OF 2" BITUMINOUS CONCRETE SURFACE COURSE, AND 4" AGGREGATE BASE COURSE. THE PROPOSED SERVICE DRIVE ENTRANCE SHALL CONSIST OF 1 3/4" SURFACE COURSE AND 8 1/4" BINDER COURSE.
3. TRAFFIC CONTROL FOR THIS WORK SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF STANDARDS 701001, 701006, 701306, 701331.

NOTES:

1. THE CONTRACTOR SHALL MAINTAIN TEMPORARY ACCESS TO THE ELECTRIC SUBSTATION AND TO WASTE WATER TREATMENT PLANT LOCATED WITHIN THE LIMITS OF THE PROJECT.
2. TEMPORARY ACCESS SHALL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR AGGREGATE SURFACE COURSE TYPE B. WHEN USE OF THE AGGREGATE SURFACE COURSE TYPE B IS DISCONTINUED AS TEMPORARY ACCESS IT SHALL BE UTILIZED IN PERMANENT CONSTRUCTION. THE REUSE AND PLACEMENT SHALL BE AS DETERMINED BY THE ENGINEER.
3. REMOVAL AND REUSE OF TEMPORARY ACCESS MATERIALS SHALL BE CONSIDERED AS INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE, TYPE B.
4. USE STANDARD TRAFFIC CONTROL AND PROTECTION EXCEPT WHERE NOTED.
5. THE PLACEMENT OF THE TUBULAR STEEL GATE WILL BE AS COORDINATED WITH MADISON COUNTY TRANSIT AND THE RESIDENT ENGINEER.



TEMPORARY EROSION CONTROL MEASURES

- ⊕ T1 INLET AND PIPE PROTECTION
- ⊕ T2 TEMPORARY DITCH CHECK
- ⊕ T3 PERIMETER EROSION BARRIER
- ⊕ T4 TEMPORARY SEEDING
- ⊕ T5 TEMPORARY MULCH METHOD I

NOTES:

FOR SCHEDULE AND QUANTITIES OF PERMANENT EROSION CONTROL PAY ITEMS SEE ROADWAY PLANS.
SEE STANDARD 280001 FOR TEMPORARY EROSION CONTROL SYSTEM DETAILS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE III CONSTRUCTION & REMOVAL
 FAP ROUTE 314
 SECTION 110-1VBR-1
 MADISON COUNTY

SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY _____
 CHECKED BY _____

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	25
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DESCRIPTION OF STABILIZATION PRACTICES DURING CONSTRUCTION:

1. DURING CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION LIMITS AS OUTLINED PREVIOUSLY HEREIN SHALL BE PROTECTED. THE CONTRACTOR SHALL NOT USE THIS AREA FOR STAGING (EXCEPT AS DESCRIBED ON THE PLANS AND DIRECTED BY THE ENGINEER), PARKING OF VEHICLES OR CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS, OR OTHER CONSTRUCTION RELATED ACTIVITIES.
 - (A.) WITHIN THE CONSTRUCTION LIMITS, AREAS WHICH MAY BE SUSCEPTIBLE TO EROSION AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION.
 - (B.) EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS.
 - (C.) AS CONSTRUCTION PROCEEDS, THE CONTRACTOR SHALL INSTITUTE THE FOLLOWING AS DIRECTED BY THE ENGINEER:
 - I. PLACE TEMPORARY EROSION CONTROL FACILITIES AT LOCATIONS SHOWN ON THE PLANS.
 - II. TEMPORARILY SEED ERODABLE BARE EARTH ON A WEEKLY BASIS TO MINIMIZE THE AMOUNT OF ERODABLE SURFACE AREA WITHIN THE CONTRACT LIMITS.
 - III. CONSTRUCT ROADSIDE DITCHES AND PROVIDE TEMPORARY EROSION CONTROL SYSTEMS.
 - IV. TEMPORARILY DIVERT WATER AROUND PROPOSED CULVERT LOCATIONS.
 - V. BUILD NECESSARY EMBANKMENT AT CULVERT LOCATIONS AND THEN EXCAVATE AND PLACE CULVERT.
 - VI. CONTINUE BUILDING UP THE EMBANKMENT TO THE PROPOSED GRADE WHILE AT THE SAME TIME, PLACING PERMANENT CONTROL SUCH AS RIPRAP DITCH LINING AND CONDUCTING FINAL SHAPING TO THE SLOPES.
 - (D.) EXCAVATED AREAS AND EMBANKMENT SHALL BE PERMANENTLY SEEDED IMMEDIATELY AFTER FINAL GRADING. IF NOT, THEY SHALL BE TEMPORARILY SEEDED IF NO CONSTRUCTION ACTIVITY IN THE AREA IS PLANNED FOR 7 DAYS.
 - (E.) CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR OTHER POLLUTANT IN ACCORDANCE WITH EPA WATER QUALITY REGULATIONS. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
 - (F.) THE RESIDENT ENGINEER SHALL INSPECT THE PROJECT DAILY DURING CONSTRUCTION ACTIVITIES. INSPECTION SHALL ALSO BE DONE WEEKLY AND AFTER RAINS OF 1/2 INCH OR GREATER OR EQUIVALENT SNOWFALL AND DURING THE WINTER SHUTDOWN PERIOD. THE PROJECT SHALL ADDITIONALLY BE INSPECTED BY THE CONSTRUCTION FIELD ENGINEER ON A BI-WEEKLY BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER EROSION CONTROL WORK IS NECESSARY.
 - (G) SEDIMENT COLLECTED DURING CONSTRUCTION OF THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR EARTH EXCAVATION.
 - (H) THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER USE IS NO LONGER NEEDED OR NO LONGER FUNCTIONING. THE COST OF THIS REMOVAL SHALL BE INCLUDED IN THE UNIT BID PRICE FOR TEMPORARY EROSION CONTROL SYSTEM.

DESCRIPTION OF STRUCTURAL PRACTICES AFTER FINAL GRADING:

1. TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS SEEDED AND ESTABLISHED.
2. ONCE PERMINANT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP, AND DISTURBED TURF RESEEDED.






MAINTENANCE AFTER CONSTRUCTION:

1. CONSTRUCTION IS COMPLETE AFTER ACCEPTANCE BY I. D. O. T. FINAL INSPECTION. MAINTENANCE UP TO THIS DATE WILL BE BY THE CONTRACTOR.

MISCELLANEOUS:

1. TEMPORARY DITCH CHECKS SHALL BE LOCATED AT EVERY 1.5 FT. FALL/RISE IN DITCH GRADE.
2. TEMPORARY DITCH CHECKS, AGGREGATE USES GRADING NO. 3- REMOVE AT END OF CONSTRUCTION.
3. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS/ACRES.
4. MULCH AS APPLIED TO TEMPORARY EROSION CONTROL SEEDING SHALL BE BY THE METHOD SPECIFIED IN THE CONTRACT AND AT THE DIRECTION OF THE ENGINEER. MULCH WILL BE PAID SEPARATELY AND SHALL CONFORM TO SECTION 251 OF THE STANDARD SPECIFICATIONS.
5. CONSTRUCT PERIMETER EROSION CONTROL AT BEGINNING OF CONSTRUCTION. REMOVE AT END OF CONSTRUCTION.
6. ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.
7. ALL AREAS DISTURBED FOR ANY REASON SHALL BE SEEDED WITH CLASS 2 SEEDING, MULCH AND THE NECESSARY NUTRIENTS AS DIRECTED BY THE ENGINEER. SEEDING AND NUTRIENTS SHALL CONFORM TO SECTION 250 AND MULCH SHALL CONFORM TO SECTION 251 USING METHODS 2 OR 3. THIS WORK SHALL BE PAID FOR AS SEEDING CLASS 2, WHICH SHALL INCLUDE MULCH AND NUTRIENTS.
8. TEMPORARY SEEDING AND MULCH SHALL BE COMPLETED ON A WEEKLY BASIS ON EXPOSED GROUND AND SHALL BE IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS/ACRE. THIS WORK WILL BE PAID FOR AS TEMPORARY EROSION CONTROL SEEDING, WHICH WILL INCLUDE MULCH.
9. STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER AND SILT FENCES WILL NOT BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE, SILT PANELS, ROLLED EXCELSIOR, URETHANE FOAM/GEOTEXTILE (SILT WEDGES), EARTH MEDIAN AND /OR OTHER MATERIAL APPROVED BY THE EROSION AND SEDIMENT CONTROL COORDINATOR.

LEGEND

-  TEMPORARY DITCH CHECK- ROLLED EXCELSIOR, SILT WEDGES/PANELS
-  TEMPORARY DITCH CHECK- AGGREGATE
-  EROSION CONTROL BLANKET
-  PERIMETER EROSION BARRIER- SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER
-  INLET AND PIPE PROTECTION- STRAW BALES, FILTER FABRIC, AGGREGATES

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**STORM WATER POLLUTION
 PREVENTION PLAN**
 FAP ROUTE 314
 SECTION 110-1VBR-1
 MADISON COUNTY

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

PLOT DATE * * * * *
 FILE NAME * * * * *
 PLOT SCALE * * * * *
 REFERENCE * * * * *

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	26
STA.		TO STA.		
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

STORM WATER POLLUTION PREVENTION PLAN

THE FOLLOWING PLAN IS ESTABLISHED AND INCORPORATED IN THE PROJECT TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM SEWER WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES.

THE PURPOSE OF THIS PLAN IS TO MINIMIZE EROSION WITHIN THE CONSTRUCTION SITE AND TO LIMIT SEDIMENTS FROM LEAVING THE CONSTRUCTION SITE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.

CERTAIN EROSION CONTROL FACILITIES SHALL BE INSTALLED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE INSTALLED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE BY CASE SITUATION DEPENDING ON THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITIONS.

THE CONTRACTOR SHALL INSTALL PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A TIME FRAME SPECIFIED HEREIN AND AS DIRECTED BY THE ENGINEER, THEREFORE MINIMIZING THE AMOUNT OF AREA SUSCEPTIBLE TO EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING. THE ENGINEER WILL DETERMINE IF ANY TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS, WHICH ARE NOT INCLUDED IN THIS PLAN, SHALL BE ADDED. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN STANDARD 280001 OF THE PLANS.

SITE DESCRIPTION

DESCRIPTION OF CONSTRUCTION ACTIVITY:

1. THE PROJECT CONSISTS OF REPLACING EXISTING BRIDGE WITH A PEDESTRIAN BOX CULVERT AND ADJUSTING THE VERTICAL ALIGNMENT.
2. CONSTRUCTION INCLUDES EARTHWORK, CULVERTS, DITCHES & DRAINAGE STRUCTURES, PAVEMENT, AND OTHER WORK TO COMPLETE THE PROPOSED ROADWAY.

DESCRIPTION OF INTENDED SEQUENCE FOR MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE:

1. EXCAVATION AND EMBANKMENT WILL BE COMPLETED AT VARIOUS LOCATIONS ALONG THE JOB SITE TO GRADE OUT FOR PROPOSED RUNAROUND AND DITCHES.
2. TREE REMOVAL - TREES TO REMAIN WILL BE PROTECTED AGAINST DAMAGE.
3. BOX CULVERT WILL BE EXTENDED AND PIPE CULVERTS WILL BE REPLACED DURING CONSTRUCTION OF THE EXCAVATION AND EMBANKMENT TO ALLOW FOR PROPER DRAINAGE.
4. PLACEMENT, MAINTENANCE, REMOVAL AND PROPER CLEAN-UP OF TEMPORARY EROSION CONTROL, SUCH AS PERIMETER EROSION BARRIER, TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, TEMPORARY SEEDING, ETC.
5. PLACEMENT OF PERMANENT EROSION CONTROL, SUCH AS RIPRAP DITCH, AND EROSION CONTROL BLANKET, SEEDING, ETC.
6. FINAL GRADING, PAVING, AND OTHER MISCELLANEOUS ITEMS.

AREA OF CONSTRUCTION SITE:

THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 10.4 ACRES OF WHICH 7.4 ACRES WILL BE DISTURBED BY EXCAVATION, GRADING, AND OTHER ACTIVITIES.

OTHER REPORTS, STUDIES AND PLANS WHICH AID IN THE DEVELOPMENT OF THE STORM WATER POLLUTION PREVENTION PLAN AS REFERENCED DOCUMENTS:

1. INFORMATION OF THE SOILS AND TERRAIN WITHIN THE SITE WAS OBTAINED FROM TOPOGRAPHIC SURVEYS AND SOIL BORINGS THAT WERE UTILIZED FOR THE DEVELOPMENT OF THE PROPOSED TEMPORARY EROSION CONTROL SYSTEMS.
2. PROJECT PLAN DOCUMENTS, STANDARD SPECIFICATIONS, AND PLAN DRAWINGS INDICATING DRAINAGE PATTERNS AND APPROXIMATE SLOPES ANTICIPATED AFTER GRADING ACTIVITIES WERE UTILIZED FOR THE PROPOSED PLACEMENT OF THE TEMPORARY EROSION CONTROL SYSTEMS.

DRAINAGE TRIBUTARIES AND SENSITIVE AREAS RECEIVING RUNOFF FROM THIS CONSTRUCTION SITE:

1. ONE UNNAMED CREEK

CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROL

DESCRIPTION OF STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION:

1. THE DRAWINGS, SPECIFICATIONS AND SPECIAL PROVISIONS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES INCLUDE: TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, PROTECTION OF TREES, PRESERVATION OF MATURE VEGETATION, AND OTHER APPROPRIATE MEASURES AS DIRECTED BY THE ENGINEER. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.
 - (a.) AREAS OF EXISTING VEGETATION (WOOD AND GRASSLANDS) OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE IDENTIFIED BY THE ENGINEER FOR PRESERVING AND SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES.
 - (b.) DEAD, DISEASED, OR UNSUITABLE VEGETATION WITHIN THE SITE SHALL BE REMOVED AS DIRECTED BY THE ENGINEER, ALONG WITH REQUIRED TREE REMOVAL.
 - (c.) AS SOON AS REASONABLE ACCESS IS AVAILABLE TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, AND PERIMETER EROSION BARRIER SHALL BE INSTALLED AS CALLED OUT IN THIS PLAN AND DIRECTED BY THE ENGINEER.
 - (d.) BARE AND SPARSELY VEGETATED GROUND IN HIGH ERODABLE AREAS AS DETERMINED BY THE ENGINEER SHALL BE TEMPORARILY SEEDED AT THE BEGINNING OF CONSTRUCTION WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN DAYS.
 - (e.) IMMEDIATELY AFTER TREE REMOVAL IS COMPLETED, AREAS WHICH ARE HIGHLY ERODABLE AS DETERMINED BY THE ENGINEER, SHALL BE TEMPORARILY SEEDED WHEN NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN DAYS.
 - (f.) AT LOCATIONS WHERE A SIGNIFICANT AMOUNT OF WATER DRAINS INTO THE CONSTRUCTION ZONE FROM OUTSIDE AREAS (ADJACENT LANDOWNERS), TEMPORARY DITCH CHECKS WILL BE UTILIZED TO LOCALLY DIVERT WATER, REDUCE FLOW RATES, AND COLLECT OUTSIDE SILTATION INSIDE THE RIGHT-OF-WAY LINE.
2. ESTABLISHMENT OF THESE TEMPORARY EROSION CONTROL MEASURES WILL HAVE ADDITIONAL BENEFITS TO THE PROJECT. DESIRABLE GRASS SEED WILL BECOME ESTABLISHED IN THESE AREAS AND WILL SPREAD SEEDS ONTO THE CONSTRUCTION SITE UNTIL PERMANENT SEEDING/MOWING AND OVERSEEDING CAN BE COMPLETED.

THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER ILR10, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

May C Lami *March 28, 2006*
 DEPUTY DIRECTOR OF HIGHWAYS DATE
 REGION FIVE ENGINEER

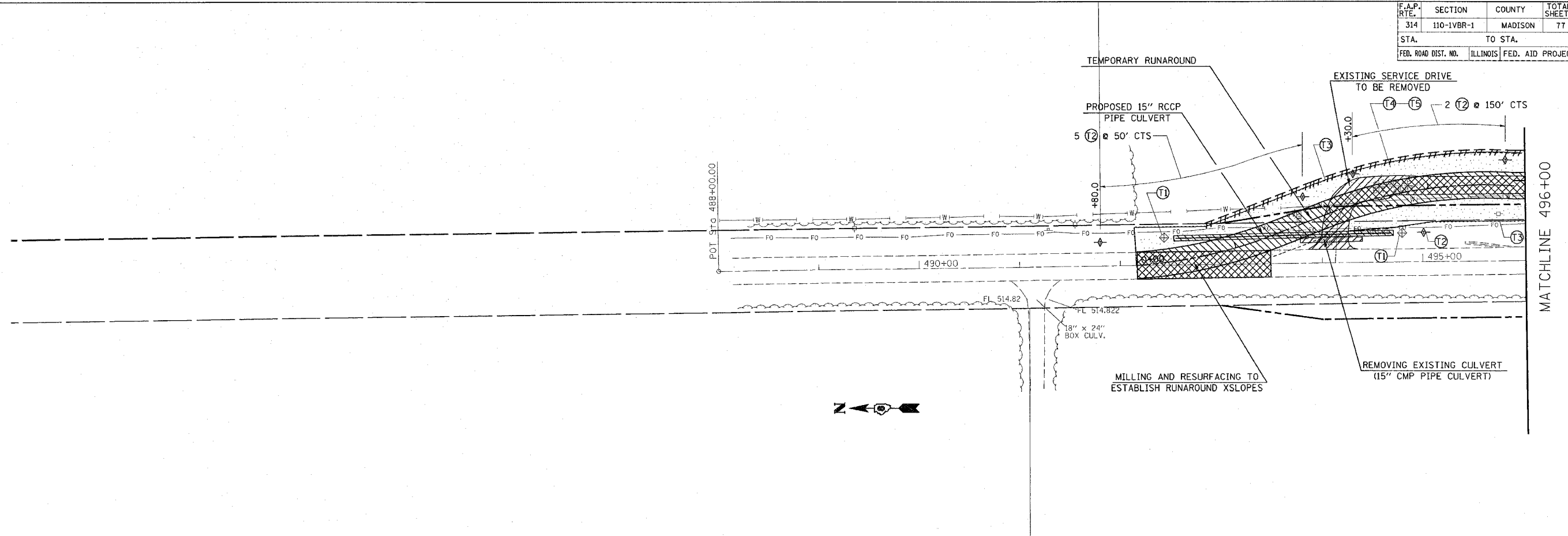
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STORM WATER POLLUTION PREVENTION PLAN
 FAP ROUTE 314
 SECTION 110-1VBR-1
 MADISON COUNTY

SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	26A
STA.	TO STA.			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



SUGGESTED STAGE CONSTRUCTION

STAGE 1:

1. STAGE 1 CONSTRUCTION SHALL CONSIST OF REMOVING THE EXISTING SERVICE DRIVE, CONSTRUCTING THE TEMPORARY RUNAROUND, CONSTRUCTING THE PEDESTRIAN BOX CULVERT, INSTALLING TEMPORARY CULVERTS, INSTALLING TEMPORARY GUARDRAIL, INSTALLING CULVERTS, TEMPORARY EXTENSION OF CULVERTS, GRADING DITCHES, AND ANY ATTENDING EARTHWORK.
2. TRAFFIC CONTROL FOR THIS WORK SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF STANDARDS 701001, 701011, 701306, 701326.
3. THE TEMPORARY RUNAROUND SHALL CONSIST OF 1 3/4" SURFACE COURSE, AND A 8 1/4" BINDER COURSE.
4. BOTH LANES OF TRAFFIC ON FAP 314 SHALL BE OPEN TO TRAFFIC DURING PHASE 1 OF CONSTRUCTION.






NOTES:

1. THE CONTRACTOR SHALL MAINTAIN TEMPORARY ACCESS TO THE ELECTRIC SUBSTATION AND TO WASTE WATER TREATMENT PLANT LOCATED WITHIN THE LIMITS OF THE PROJECT.
2. TEMPORARY ACCESS SHALL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR AGGREGATE SURFACE COURSE TYPE B. WHEN USE OF THE AGGREGATE SURFACE COURSE TYPE B IS DISCONTINUED AS TEMPORARY ACCESS IT SHALL BE UTILIZED IN PERMANENT CONSTRUCTION. THE REUSE AND PLACEMENT SHALL BE AS DETERMINED BY THE ENGINEER.
3. REMOVAL AND REUSE OF TEMPORARY ACCESS MATERIALS SHALL BE CONSIDERED AS INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE, TYPE B.
4. USE STANDARD TRAFFIC CONTROL AND PROTECTION EXCEPT WHERE NOTED.

 REMOVAL

 CONSTRUCTION

TEMPORARY EROSION CONTROL MEASURES

-  T1 INLET AND PIPE PROTECTION
-  T2 TEMPORARY DITCH CHECK
-  T3 PERIMETER EROSION BARRIER
-  T4 TEMPORARY SEEDING
-  T5 TEMPORARY MULCH METHOD 1

NOTES:

FOR SCHEDULE AND QUANTITIES OF PERMANENT EROSION CONTROL PAY ITEMS SEE ROADWAY PLANS.
SEE STANDARD 280001 FOR TEMPORARY EROSION CONTROL SYSTEM DETAILS.

REVISIONS	
NAME	DATE

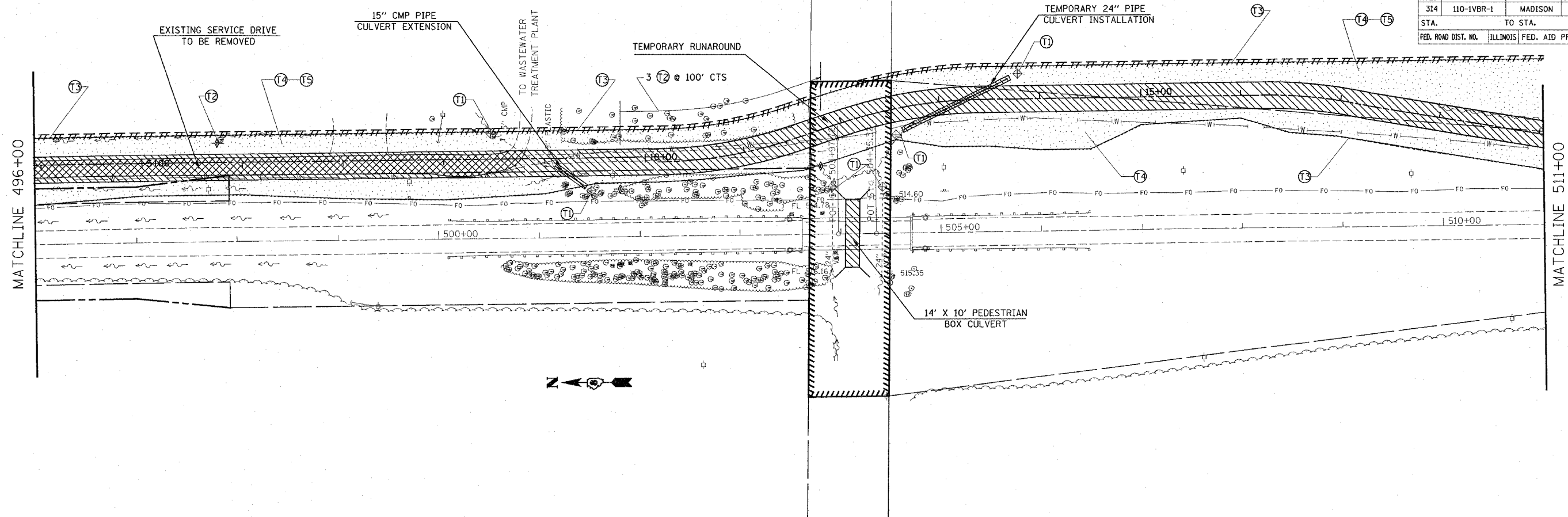
ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE I EROSION CONTROL
FAP ROUTE 314
SECTION 110-1VBR-1
MADISON COUNTY

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

DATE
NAME
SCALE
REFERENCE

CONTRACT NO.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	268
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



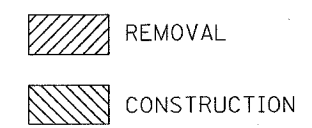
SUGGESTED STAGE CONSTRUCTION

STAGE 1:

1. STAGE 1 CONSTRUCTION SHALL CONSIST OF REMOVING THE EXISTING SERVICE DRIVE, CONSTRUCTING THE TEMPORARY RUNAROUND, CONSTRUCTING THE PEDESTRIAN BOX CULVERT, INSTALLING TEMPORARY CULVERTS, INSTALLING TEMPORARY GUARDRAIL, INSTALLING CULVERTS, TEMPORARY EXTENSION OF CULVERTS, GRADING DITCHES, AND ANY ATTENDING EARTHWORK.
2. TRAFFIC CONTROL FOR THIS WORK SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF STANDARDS 701001, 701011, 701306, 701326.
3. THE TEMPORARY RUNAROUND SHALL CONSIST OF 1 3/4" SURFACE COURSE, AND A 8 1/4" BINDER COURSE.
4. BOTH LANES OF TRAFFIC ON FAP 314 SHALL BE OPEN TO TRAFFIC DURING PHASE 1 OF CONSTRUCTION.

NOTES:

1. THE CONTRACTOR SHALL MAINTAIN TEMPORARY ACCESS TO THE ELECTRIC SUBSTATION AND TO WASTE WATER TREATMENT PLANT LOCATED WITHIN THE LIMITS OF THE PROJECT.
2. TEMPORARY ACCESS SHALL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR AGGREGATE SURFACE COURSE TYPE B. WHEN USE OF THE AGGREGATE SURFACE COURSE TYPE B IS DISCONTINUED AS TEMPORARY ACCESS IT SHALL BE UTILIZED IN PERMANENT CONSTRUCTION. THE REUSE AND PLACEMENT SHALL BE AS DETERMINED BY THE ENGINEER.
3. REMOVAL AND REUSE OF TEMPORARY ACCESS MATERIALS SHALL BE CONSIDERED AS INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE, TYPE B.
4. USE STANDARD TRAFFIC CONTROL AND PROTECTION EXCEPT WHERE NOTED.



TEMPORARY EROSION CONTROL MEASURES

- ⊕ T1 INLET AND PIPE PROTECTION
- ⊕ T2 TEMPORARY DITCH CHECK
- T3 PERIMETER EROSION BARRIER
- ▭ T4 TEMPORARY SEEDING
- ▭ T5 TEMPORARY MULCH METHOD 1

NOTES:

FOR SCHEDULE AND QUANTITIES OF PERMANENT EROSION CONTROL
PAY ITEMS SEE ROADWAY PLANS.
SEE STANDARD 280001 FOR TEMPORARY EROSION CONTROL SYSTEM DETAILS.

REVISIONS	
NAME	DATE

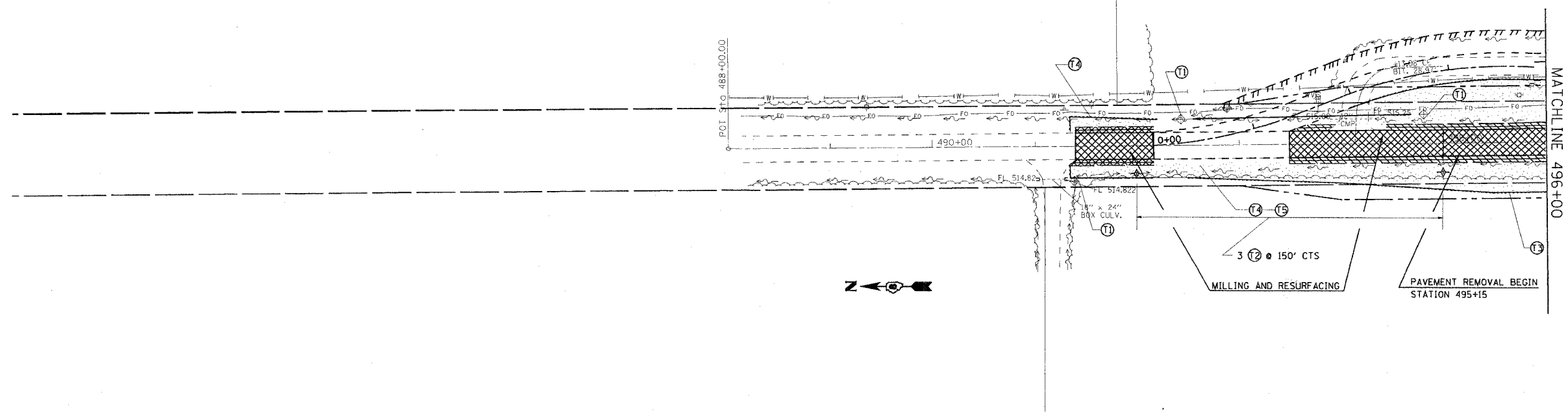
ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE I EROSION CONTROL
FAP ROUTE 314
SECTION 110-1VBR-1
MADISON COUNTY

SCALE: VERT. _____
HORIZ. _____
DATE _____

DRAWN BY _____
CHECKED BY _____

PLT DATE = DATE
FILE NAME = TITLE
PLT SCALE = SCALE
REFERENCE = REF

CONTRACT NO.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	26D
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



SUGGESTED STAGE CONSTRUCTION

STAGE 2:

1. STAGE 2 CONSTRUCTION SHALL CONSIST OF REMOVING THE EXISTING MAINLINE PAVEMENT TO THE LIMITS DETAILED IN THE PLANS, SURFACE REMOVAL OF EXISTING MAINLINE PAVEMENT TO ESTABLISH CROSS SLOPES FOR THE RUNAROUND, REMOVING THE EXISTING STRUCTURE, REMOVING INLETS AND DRAINS ON THE EXISTING BRIDGE APPROACH PAVEMENT, REMOVAL OF THE EXISTING BRIDGE APPROACH PAVEMENT, REMOVAL AND REPLACEMENT OF CULVERTS, CONSTRUCTING THE NEW PAVEMENT, INSTALLING GUARDRAIL, CONSTRUCTING THE AGGREGATE AND BITUMINOUS SHOULDERS, AND RESURFACING OF THE EXISTING PAVEMENT.
2. TRAFFIC CONTROL FOR THIS WORK SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF STANDARDS 701001, 701006, 701331 AND B.L.R. 22-4.
3. THE PROPOSED MAINLINE PAVEMENT SHALL CONSIST OF 1 3/4" SURFACE COURSE AND A 11' BINDER COURSE.
4. TRAFFIC WILL BE ROUTED TO THE TEMPORARY RUNAROUND DURING STAGE 2 CONSTRUCTION.

NOTES:

1. THE CONTRACTOR SHALL MAINTAIN TEMPORARY ACCESS TO THE ELECTRIC SUBSTATION AND TO WASTE WATER TREATMENT PLANT LOCATED WITHIN THE LIMITS OF THE PROJECT.
2. TEMPORARY ACCESS SHALL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR AGGREGATE SURFACE COURSE TYPE B. WHEN USE OF THE AGGREGATE SURFACE COURSE TYPE B IS DISCONTINUED AS TEMPORARY ACCESS IT SHALL BE UTILIZED IN PERMANENT CONSTRUCTION. THE REUSE AND PLACEMENT SHALL BE AS DETERMINED BY THE ENGINEER.
3. REMOVAL AND REUSE OF TEMPORARY ACCESS MATERIALS SHALL BE CONSIDERED AS INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE, TYPE B.
4. USE STANDARD TRAFFIC CONTROL AND PROTECTION EXCEPT WHERE NOTED.



TEMPORARY EROSION CONTROL MEASURES

- ⊕ (T1) INLET AND PIPE PROTECTION
- ⊕ (T2) TEMPORARY DITCH CHECK
- (T3) PERIMETER EROSION BARRIER
- ▭ (T4) TEMPORARY SEEDING
- ▭ (T5) TEMPORARY MULCH METHOD I

NOTES:

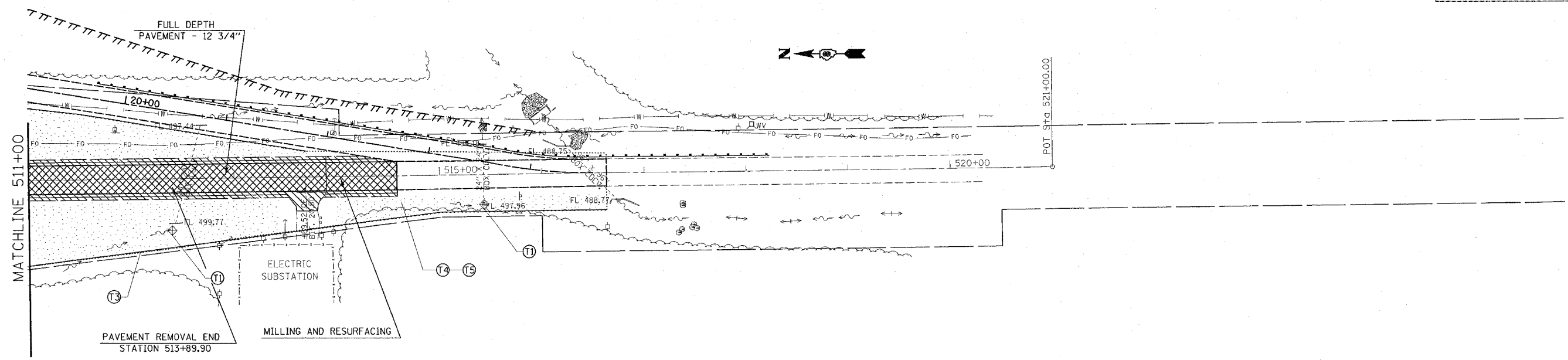
FOR SCHEDULE AND QUANTITIES OF PERMANENT EROSION CONTROL PAY ITEMS SEE ROADWAY PLANS.
SEE STANDARD 280001 FOR TEMPORARY EROSION CONTROL SYSTEM DETAILS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE II EROSION CONTROL
 FAP ROUTE 314
 SECTION 110-1VBR-1
 MADISON COUNTY
 SCALE: VERT. _____
 DATE _____ HORIZ. _____
 DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 9/23/2006
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CONTRACT NO.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	26F
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



SUGGESTED STAGE CONSTRUCTION

STAGE 2:

1. STAGE 2 CONSTRUCTION SHALL CONSIST OF REMOVING THE EXISTING MAINLINE PAVEMENT TO THE LIMITS DETAILED IN THE PLANS, SURFACE REMOVAL OF EXISTING MAINLINE PAVEMENT TO ESTABLISH CROSS SLOPES FOR THE RUNAROUND, REMOVING THE EXISTING STRUCTURE, REMOVING INLETS AND DRAINS ON THE EXISTING BRIDGE APPROACH PAVEMENT, REMOVAL OF THE EXISTING BRIDGE APPROACH PAVEMENT, REMOVAL AND REPLACEMENT OF CULVERTS, CONSTRUCTING THE NEW PAVEMENT, INSTALLING GUARDRAIL, CONSTRUCTING THE AGGREGATE AND BITUMINOUS SHOULDERS, AND RESURFACING OF THE EXISTING PAVEMENT.
2. TRAFFIC CONTROL FOR THIS WORK SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF STANDARDS 701001, 701006, 701331 AND B.L.R. 22-4.
3. THE PROPOSED MAINLINE PAVEMENT SHALL CONSIST OF 1 3/4" SURFACE COURSE AND A 11' BINDER COURSE.
4. TRAFFIC WILL BE ROUTED TO THE TEMPORARY RUNAROUND DURING STAGE 2 CONSTRUCTION.

NOTES:

1. THE CONTRACTOR SHALL MAINTAIN TEMPORARY ACCESS TO THE ELECTRIC SUBSTATION AND TO WASTE WATER TREATMENT PLANT LOCATED WITHIN THE LIMITS OF THE PROJECT.
2. TEMPORARY ACCESS SHALL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR AGGREGATE SURFACE COURSE TYPE B. WHEN USE OF THE AGGREGATE SURFACE COURSE TYPE B IS DISCONTINUED AS TEMPORARY ACCESS IT SHALL BE UTILIZED IN PERMANENT CONSTRUCTION. THE REUSE AND PLACEMENT SHALL BE AS DETERMINED BY THE ENGINEER.
3. REMOVAL AND REUSE OF TEMPORARY ACCESS MATERIALS SHALL BE CONSIDERED AS INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE, TYPE B.
4. USE STANDARD TRAFFIC CONTROL AND PROTECTION EXCEPT WHERE NOTED.



TEMPORARY EROSION CONTROL MEASURES

- ⊕ (T1) INLET AND PIPE PROTECTION
- ⊕ (T2) TEMPORARY DITCH CHECK
- (T3) PERIMETER EROSION BARRIER
- ▭ (T4) TEMPORARY SEEDING
- ⊕ (T5) TEMPORARY MULCH METHOD 1

NOTES:

FOR SCHEDULE AND QUANTITIES OF PERMANENT EROSION CONTROL PAY ITEMS SEE ROADWAY PLANS.
SEE STANDARD 280001 FOR TEMPORARY EROSION CONTROL SYSTEM DETAILS.

REVISIONS	
NAME	DATE

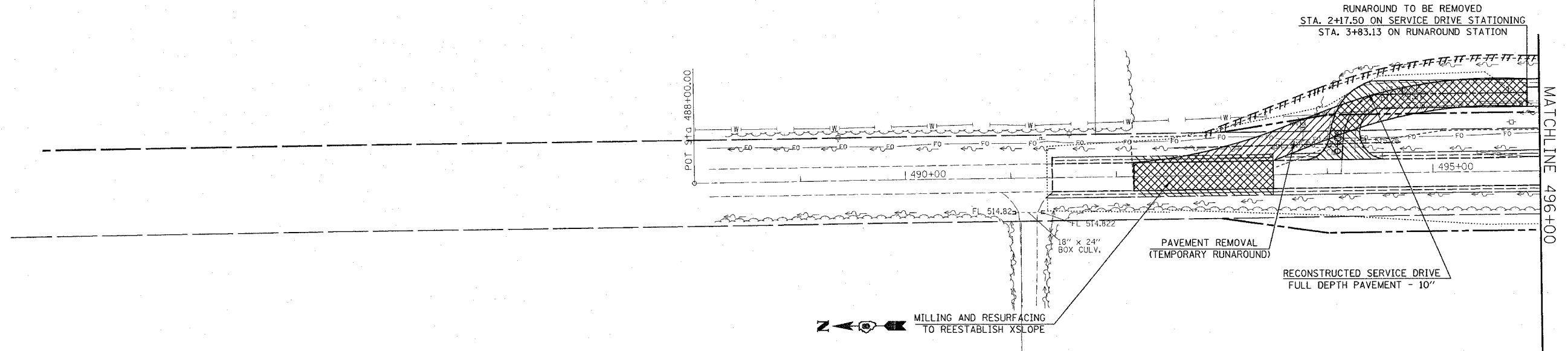
ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE II EROSION CONTROL
 FAP ROUTE 314
 SECTION 110-1VBR-1
 MADISON COUNTY

SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY _____
 CHECKED BY _____

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

CONTRACT NO.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	26G
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



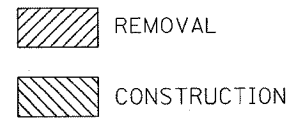
SUGGESTED STAGE CONSTRUCTION

STAGE 3:

1. STAGE 3 CONSTRUCTION SHALL CONSIST OF REMOVING THE TEMPORARY RUNAROUND TO THE LIMITS SHOWN IN THE PLANS, RECONSTRUCTING THE PROPOSED SERVICE DRIVE ENTRANCE, CONSTRUCTING THE BIKE TRAIL, REMOVAL OF TEMPORARY CULVERTS AND TEMPORARY CULVERT EXTENSIONS, REMOVAL OF THE TEMPORARY GUARDRAIL, MILLING AND RESURFACING OF THE MAINLINE PAVEMENT TO REESTABLISH CROSS SLOPES, INSTALLING THE TUBULAR STEEL GATE ON THE SERVICE DRIVE AS SHOWN IN THE PLANS, AND FINAL GRADING AND EARTHWORK.
2. THE PROPOSED BIKE TRAIL SHALL CONSIST OF 2" BITUMINOUS CONCRETE SURFACE COURSE, AND 4" AGGREGATE BASE COURSE. THE PROPOSED SERVICE DRIVE ENTRANCE SHALL CONSIST OF 1 3/4" SURFACE COURSE AND 8 1/4" BINDER COURSE.
3. TRAFFIC CONTROL FOR THIS WORK SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF STANDARDS 701001, 701006, 701306, 701331.

NOTES:

1. THE CONTRACTOR SHALL MAINTAIN TEMPORARY ACCESS TO THE ELECTRIC SUBSTATION AND TO WASTE WATER TREATMENT PLANT LOCATED WITHIN THE LIMITS OF THE PROJECT.
2. TEMPORARY ACCESS SHALL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR AGGREGATE SURFACE COURSE TYPE B. WHEN USE OF THE AGGREGATE SURFACE COURSE TYPE B IS DISCONTINUED AS TEMPORARY ACCESS IT SHALL BE UTILIZED IN PERMANENT CONSTRUCTION. THE REUSE AND PLACEMENT SHALL BE AS DETERMINED BY THE ENGINEER.
3. REMOVAL AND REUSE OF TEMPORARY ACCESS MATERIALS SHALL BE CONSIDERED AS INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE, TYPE B.
4. USE STANDARD TRAFFIC CONTROL AND PROTECTION EXCEPT WHERE NOTED.
5. THE PLACEMENT OF THE TUBULAR STEEL GATE WILL BE AS COORDINATED WITH MADISON COUNTY TRANSIT AND THE RESIDENT ENGINEER.



REVISIONS	
NAME	DATE

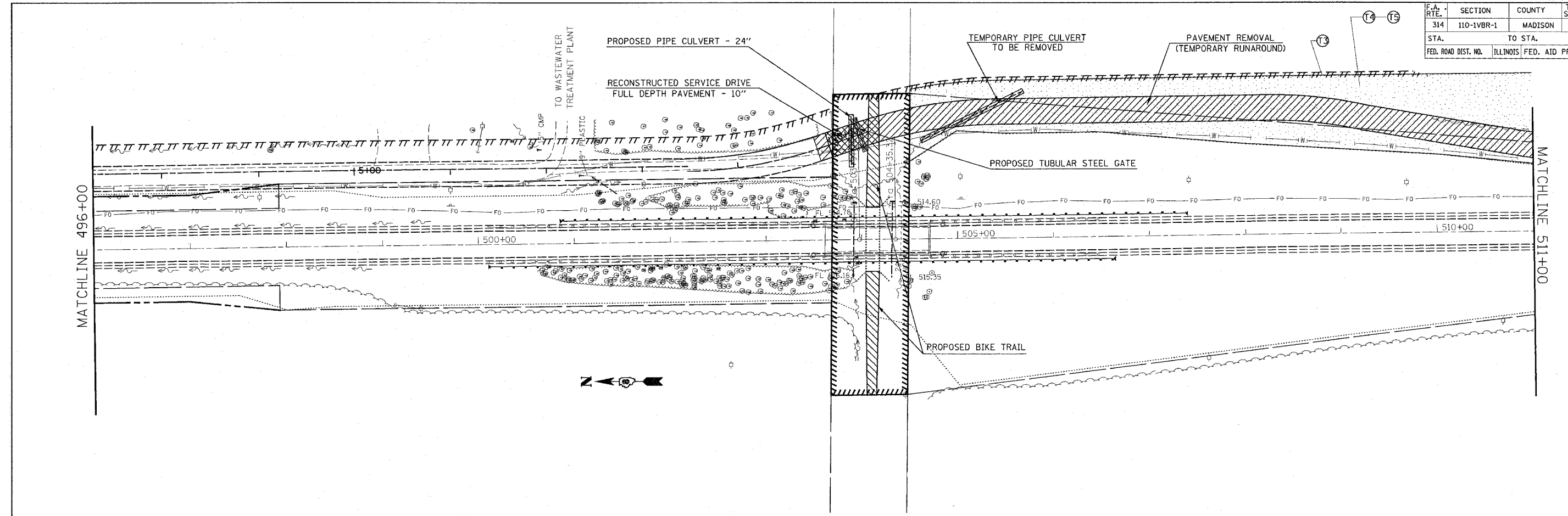
ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE III EROSION CONTROL
 FAP ROUTE 314
 SECTION 110-1VBR-1
 MADISON COUNTY

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

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

CONTRACT NO.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	26H
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



SUGGESTED STAGE CONSTRUCTION

STAGE 3:

1. STAGE 3 CONSTRUCTION SHALL CONSIST OF REMOVING THE TEMPORARY RUNAROUND TO THE LIMITS SHOWN IN THE PLANS, RECONSTRUCTING THE PROPOSED SERVICE DRIVE ENTRANCE, CONSTRUCTING THE BIKE TRAIL, REMOVAL OF TEMPORARY CULVERTS AND TEMPORARY CULVERT EXTENSIONS, REMOVAL OF THE TEMPORARY GUARDRAIL, MILLING AND RESURFACING OF THE MAINLINE PAVEMENT TO REESTABLISH CROSS SLOPES, INSTALLING THE TUBULAR STEEL GATE ON THE SERVICE DRIVE AS SHOWN IN THE PLANS, AND FINAL GRADING AND EARTHWORK.
2. THE PROPOSED BIKE TRAIL SHALL CONSIST OF 2" BITUMINOUS CONCRETE SURFACE COURSE, AND 4" AGGREGATE BASE COURSE. THE PROPOSED SERVICE DRIVE ENTRANCE SHALL CONSIST OF 1 3/4" SURFACE COURSE AND 8 1/4" BINDER COURSE.
3. TRAFFIC CONTROL FOR THIS WORK SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF STANDARDS 701001, 701006, 701306, 701331.

NOTES:

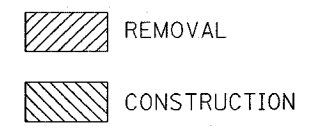
1. THE CONTRACTOR SHALL MAINTAIN TEMPORARY ACCESS TO THE ELECTRIC SUBSTATION AND TO WASTE WATER TREATMENT PLANT LOCATED WITHIN THE LIMITS OF THE PROJECT.
2. TEMPORARY ACCESS SHALL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR AGGREGATE SURFACE COURSE TYPE B. WHEN USE OF THE AGGREGATE SURFACE COURSE TYPE B IS DISCONTINUED AS TEMPORARY ACCESS IT SHALL BE UTILIZED IN PERMANENT CONSTRUCTION. THE REUSE AND PLACEMENT SHALL BE AS DETERMINED BY THE ENGINEER.
3. REMOVAL AND REUSE OF TEMPORARY ACCESS MATERIALS SHALL BE CONSIDERED AS INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE, TYPE B.
4. USE STANDARD TRAFFIC CONTROL AND PROTECTION EXCEPT WHERE NOTED.
5. THE PLACEMENT OF THE TUBULAR STEEL GATE WILL BE AS COORDINATED WITH MADISON COUNTY TRANSIT AND THE RESIDENT ENGINEER.

TEMPORARY EROSION CONTROL MEASURES

- ⊕ T1 INLET AND PIPE PROTECTION
- ⊕ T2 TEMPORARY DITCH CHECK
- T3 PERIMETER EROSION BARRIER
- ▭ T4 TEMPORARY SEEDING
- ⊕ T5 TEMPORARY MULCH METHOD I

NOTES:

FOR SCHEDULE AND QUANTITIES OF PERMANENT EROSION CONTROL PAY ITEMS SEE ROADWAY PLANS.
SEE STANDARD 280001 FOR TEMPORARY EROSION CONTROL SYSTEM DETAILS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE III EROSION CONTROL
 FAP ROUTE 314
 SECTION 110-1VBR-1
 MADISON COUNTY

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

PLAT DATE: 04/2014
 FILE NAME: 041114
 PLAT SCALE: 1"=40'
 REFERENCE: 041114

PART OF THE N.E. 1/4 OF SECTION 18, PART OF THE S.E. 1/4 OF SECTION 18, PART OF THE N.W. 1/4 OF SECTION 17 AND PART OF THE S.W. 1/4 OF SECTION 17, T.4N., R.6W. OF THE 3rd P.M. IN MADISON COUNTY, ILLINOIS

SECTION	COUNTY	TOWNSHIP	RANGE
17 & 18	MADISON	77	28
STATION 499+00 TO STATION 507+00		CONTRACT NO.	

LEGEND

- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- EXISTING EASEMENT LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PROPERTY (DEED) LINE
- APL
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED
- SET 5/8 INCH IRON ROD AT CORNER UNLESS OTHERWISE NOTED
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 667101 (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- SAME OWNERSHIP
- EXISTING BUILDING

■ STAKING OF PROPOSED RIGHT OF WAY. SET 3/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

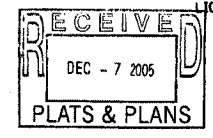
■ STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 3/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STATE OF ILLINOIS)
 COUNTY OF) SS

I, GARY W. RAINES, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCELS TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED 12/16/05

GARY W. RAINES, PLS NO. 2428
 LICENSE EXPIRATION DATE: 11/30/2006



Cochran & Wilken, Inc.
 Consulting Engineers & Scientists

1339 Walnut Street, Murphysboro, IL 62966
 Ph. (618) 684-5808
 Illinois Professional Design Firm #184000829

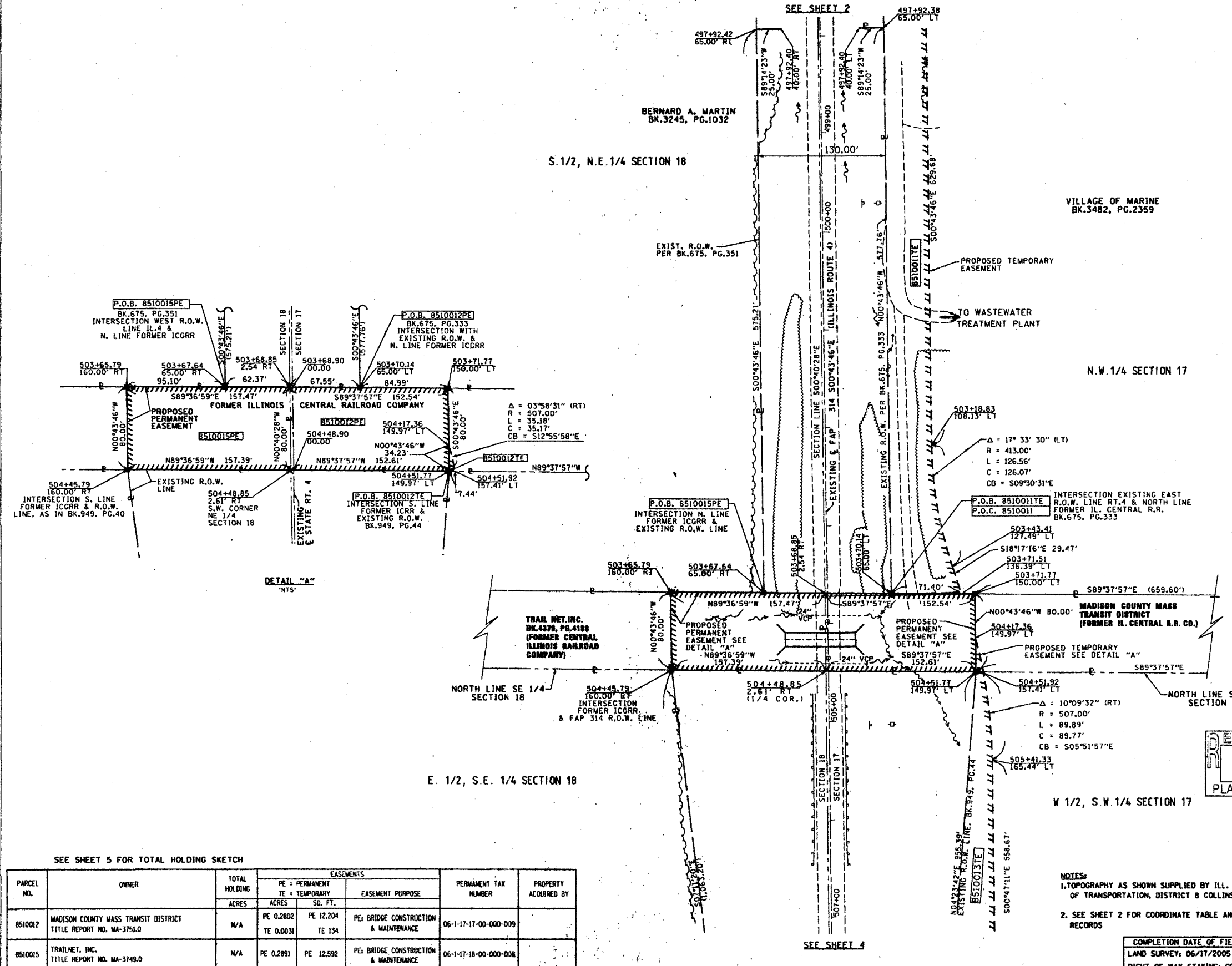
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
 FAP ROUTE 314 (IL RT.4)
 SECTION 110-1VBR-1
 MADISON COUNTY
 JOB NO. R-98-010-05

STATION 499+00 TO STATION 507+00

SCALE: 1" = 50'

SHEET 3 OF 5

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS/DISTRICT 8
 1102 EASTPORT PLAZA DRIVE
 COLLINSVILLE, ILLINOIS 62234-6190



SEE SHEET 5 FOR TOTAL HOLDING SKETCH

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	EASEMENTS		PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
			PE = PERMANENT ACRES	TE = TEMPORARY SO. FT.		
8510012	MADISON COUNTY MASS TRANSIT DISTRICT TITLE REPORT NO. MA-3751.0	N/A	PE 0.2802 TE 0.0031	PE 12,204 TE 134	06-1-17-17-00-000-019	
8510015	TRAILMET, INC. TITLE REPORT NO. MA-3749.0	N/A	PE 0.2891	PE 12,592	06-1-17-18-00-000-038	

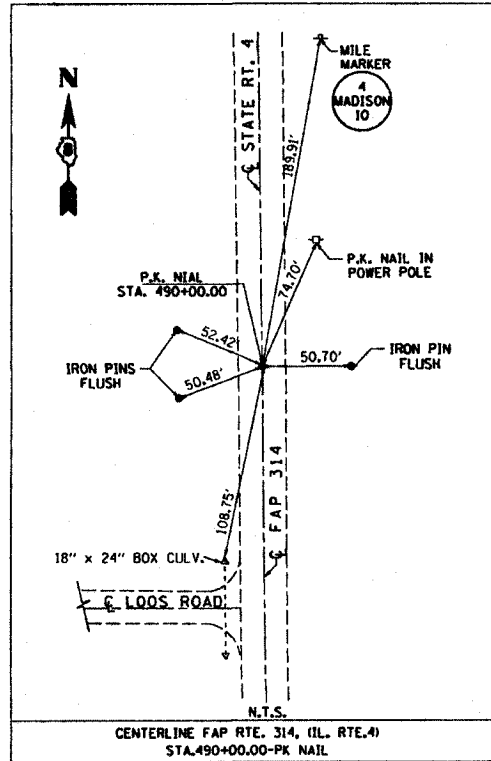
NOTES:
 1. TOPOGRAPHY AS SHOWN SUPPLIED BY ILL. DEPARTMENT OF TRANSPORTATION, DISTRICT 8 COLLINSVILLE, IL.
 2. SEE SHEET 2 FOR COORDINATE TABLE AND MONUMENT RECORDS

COMPLETION DATE OF FIELD WORK PERFORMED
 LAND SURVEY: 06/17/2005
 RIGHT OF WAY STAKING: 09/22/05

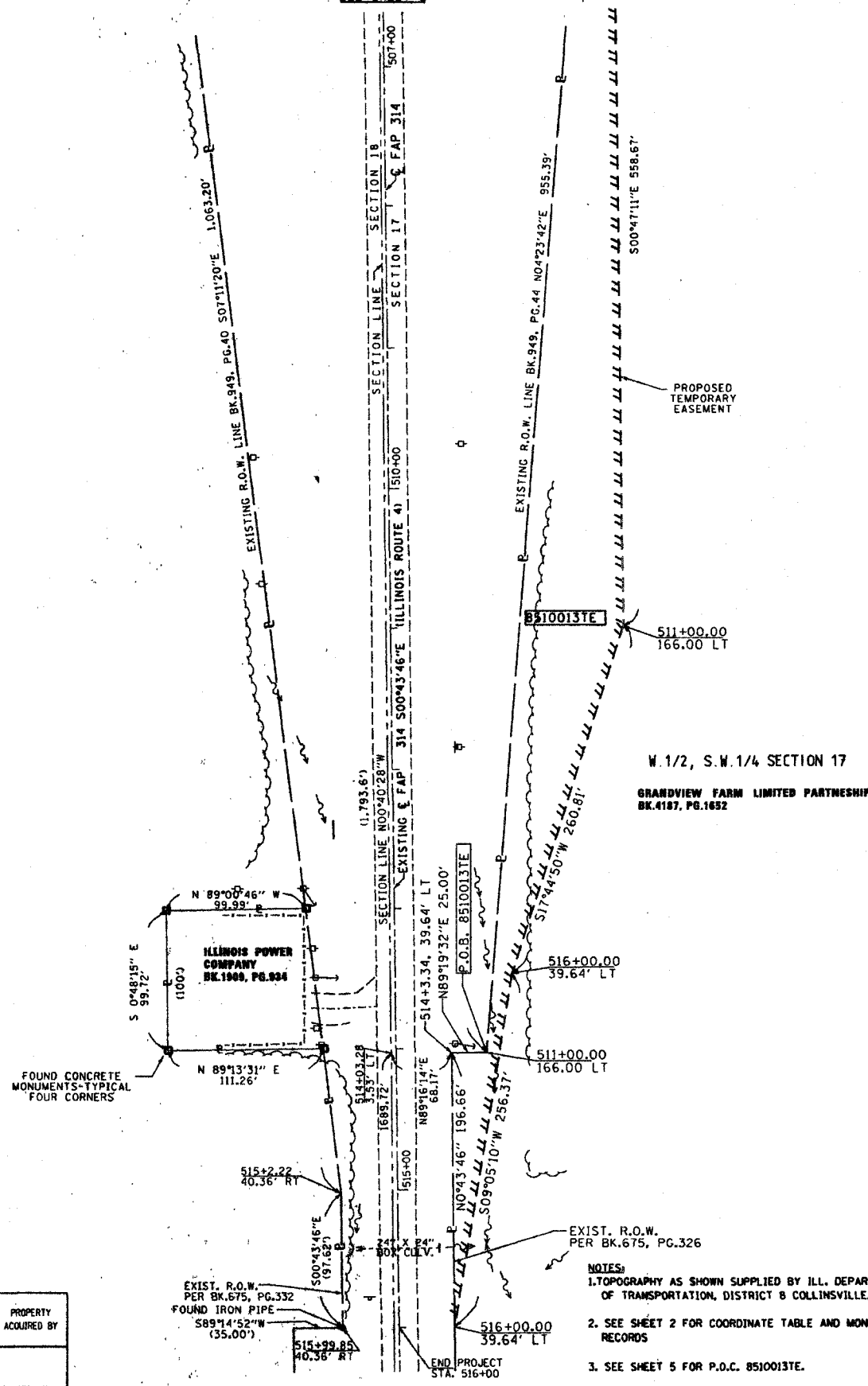
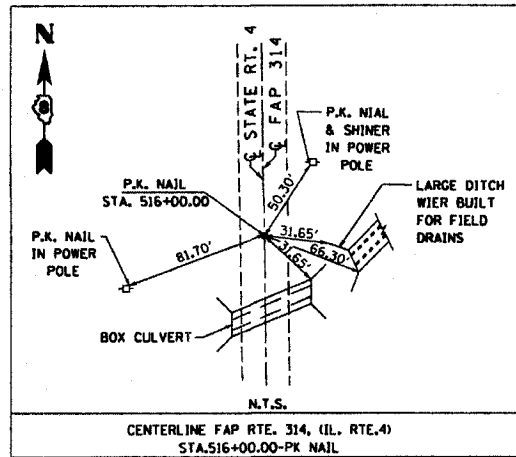
PART OF THE S.E. 1/4 OF SECTION 18, AND PART OF THE S.W. 1/4 OF SECTION 17, T.4N., R.6W. OF THE 3rd P.M IN MADISON COUNTY, ILLINOIS

BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
112	77	29	
STA. TO STA.		CONTRACT NO.	



E. 1/2, S.E. 1/4 SECTION 18
MILDRED R. MAY
BK.4818, PG.282



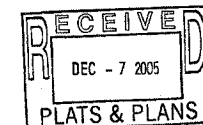
LEGEND

- STAKING OF PROPOSED RIGHT OF WAY. SET 3/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 3/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STATE OF ILLINOIS)
COUNTY OF)

I, GARY W. RAINES, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED 12/16/05
GARY W. RAINES, PLS No. 2428
LICENSE EXPIRATION DATE: 11/30/2006



Cochran & Wilken, Inc.
Consulting Engineers & Scientists

1339 Walnut Street, Murphysboro, IL 62966
Ph. (618) 584-5508
Illinois Professional Design Firm #18400829

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 314 (IL RT.4)
SECTION 110-1VBR-1
MADISON COUNTY
JOB NO. R-98-010-05

REVISION	
DATE	DESCRIPTION
08/30/05	REVISED TEMP. EASEMENT PER IDOT, DIST. 8
COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY: 06/17/2005	
RIGHT OF WAY STAKING: 09/22/05	

STATION 507+00 TO STATION 516+00
SCALE: 1" = 50'
SHEET 4 OF 5
ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINGSVILLE, ILLINOIS 62234-0198

SEE SHEET 5 FOR TOTAL HOLDING SKETCH

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	EASEMENTS		PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
			PE - PERMANENT ACRES	TE - TEMPORARY SQ. FT.		
8510013	GRANDVIEW FARM LIMITED PARTNERSHIP TITLE REPORT NO. MA-3752.0	227.81 *	TE 1.0017	TE 43,633	06-1-17-17-00-000-006 06-1-17-17-00-000-006.R00	DETOUR ROAD CONSTRUCTION

* TOTAL HOLDING AREA ACCORDING TO TAX MAPS

SECTION 17 & 18, T4N, R6W, OF THE 3RD PM, MADISON COUNTY, ILLINOIS
TOTAL HOLDING SKETCH

BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

SECTION	COUNTY	TOWNSHIP	RANGE
17 & 18	MADISON	77	30
STA. 490+00		TO STA. 516+00	
CONTRACT NO.			

LEGEND

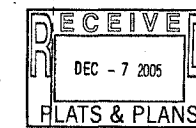
- QUARTER SECTION CORNER
- SECTION CORNER
- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- EXISTING EASEMENT LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED
- SET 5/8 INCH IRON ROD AT CORNER UNLESS OTHERWISE NOTED
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 667101 (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- SAME OWNERSHIP
- EXISTING BUILDING

- STAKING OF PROPOSED RIGHT OF WAY. SET 3/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 3/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER 20 INCHES BELOW GROUND SURFACE TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STATE OF ILLINOIS)
) SS
COUNTY OF)

I, GARY W. RAINES, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED 12/6/05



GARY W. RAINES, PLS NO. 2428
LICENSE EXPIRATION DATE: 11/30/2006

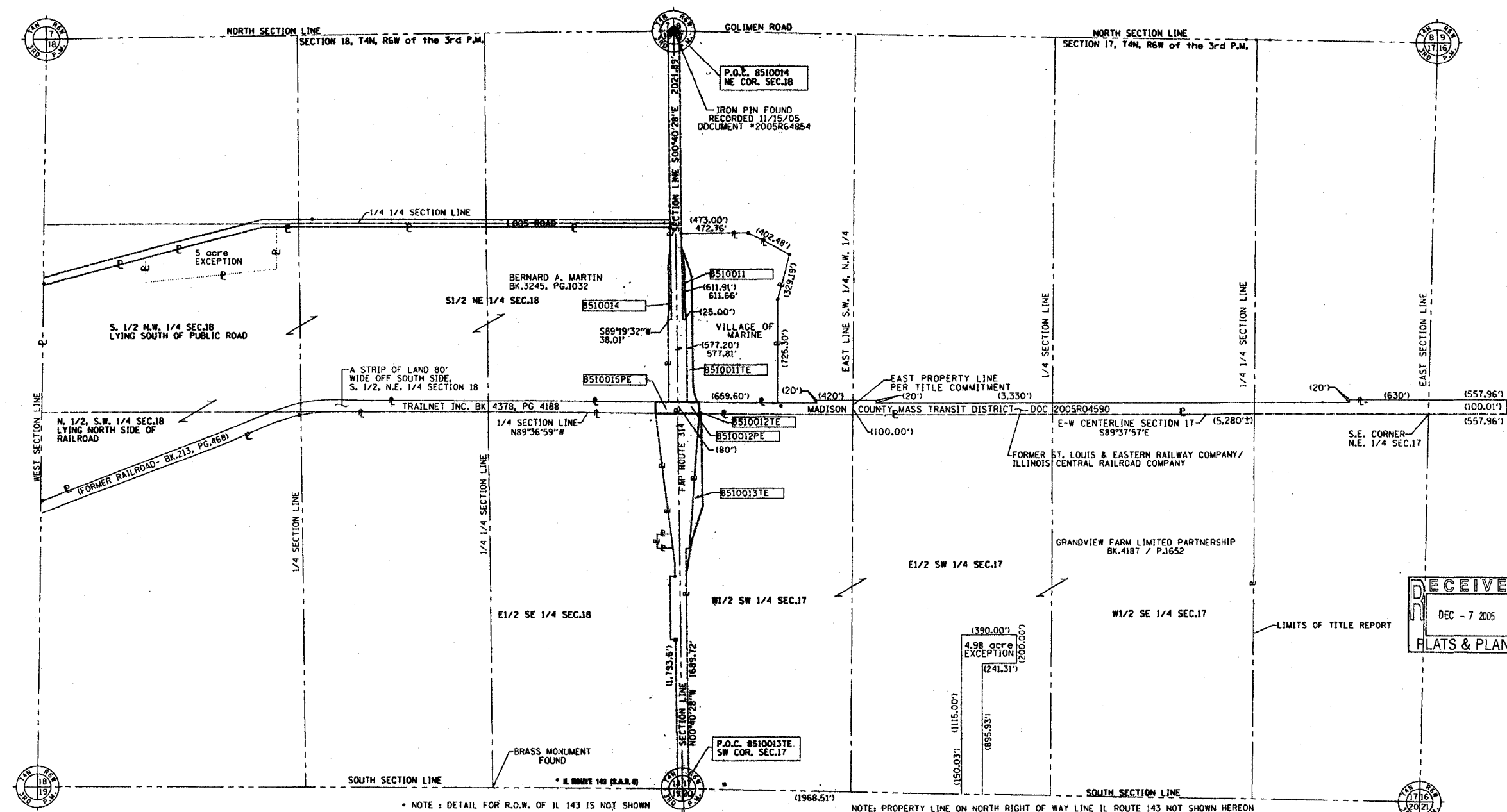
Cochran & Wilken, Inc.
Consulting Engineers & Scientists

1339 Walnut Street, Murphysboro, IL 62966
Ph: (618) 684-5808
Illinois Professional Design Firm #184000829

ILLINOIS DEPARTMENT OF TRANSPORTATION
TOTAL HOLDING DETAIL
FAP ROUTE 314 (IL RT.4)
SECTION 110-1VBR-1
MADISON COUNTY
JOB NO. R-98-010-05
STATION 490+00 TO STATION 516+00

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINGSVILLE, ILLINOIS 62234-6196

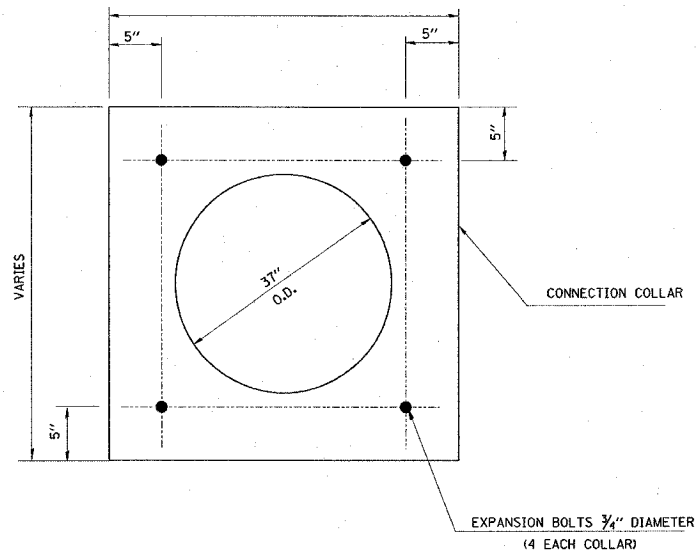
DATE	DESCRIPTION
08/30/05	REVISED TEMP. EASEMENT PER ROOT, DIST. 8
COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY: 06/17/2005	
RIGHT OF WAY STAKING: 09/22/05	



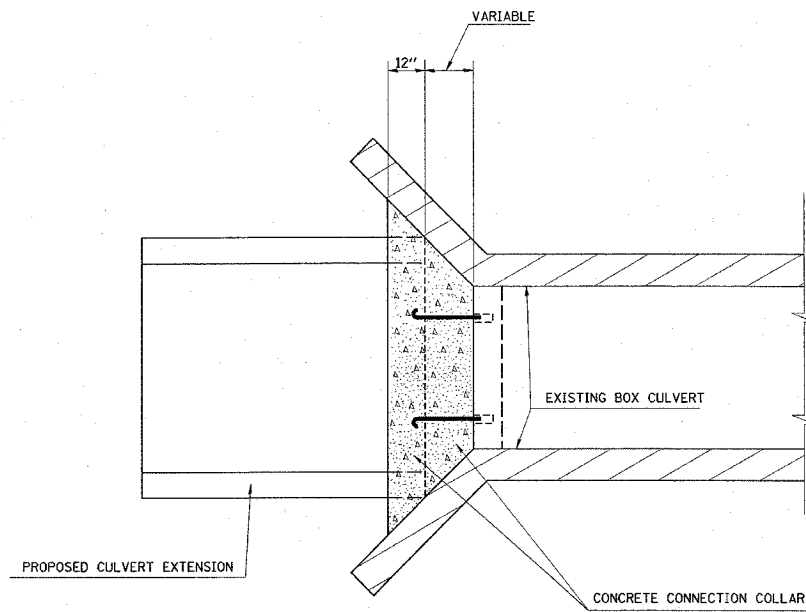
* NOTE : DETAIL FOR R.O.W. OF IL 143 IS NOT SHOWN

NOTE: PROPERTY LINE ON NORTH RIGHT OF WAY LINE IL ROUTE 143 NOT SHOWN HEREON

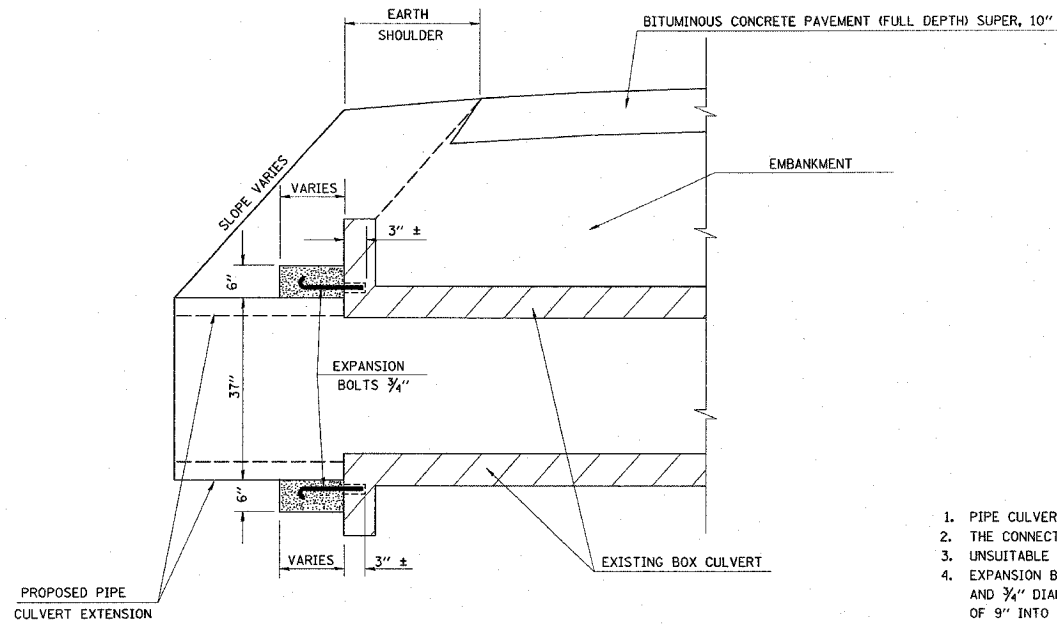
PLAN	DATE
SUBMITTED	BY
NOTED	
PLOTTED	
ALIGNMENT CHECKED	
CADD FILE NAME	
NO.	



EXPANSION BOLT LAYOUT
NOT TO SCALE

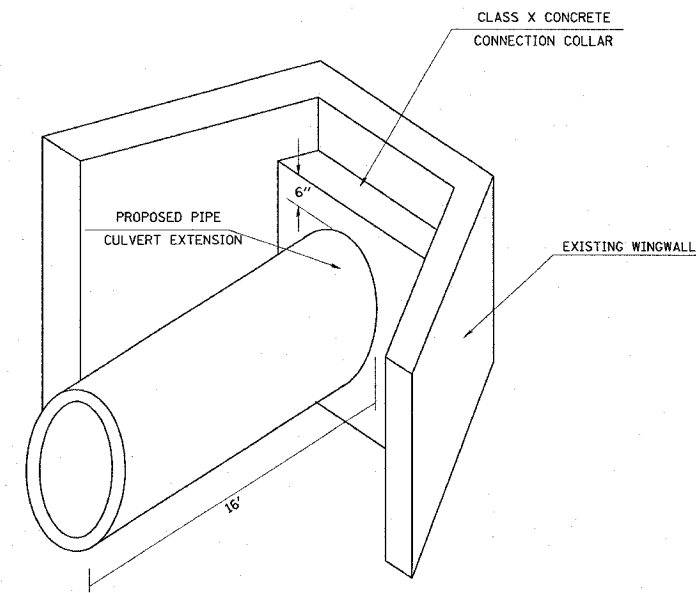


PLAN VIEW
NOT TO SCALE



EXPANSION BOLT AND CONNECTION COLLAR DETAILS
NOT TO SCALE

1. PIPE CULVERT EXTENSION TO BE CENTERED ON BOX CULVERT OPENING
2. THE CONNECTION COLLAR SHALL BE CLASS X CONCRETE THROUGHOUT
3. UNSUITABLE MATERIAL SHALL BE DISPOSED OF AS PER THE STANDARD SPECIFICATIONS
4. EXPANSION BOLTS SHALL CONSIST OF SELF-DRILLING EXPANSION SHIELDS AND 3/4" DIAMETER HOOKED BOLTS. HOOKED BOLTS SHALL EXTEND A MINIMUM OF 9" INTO NEW CONCRETE.



PIPE CULVERT EXTENSION SKETCH
SEE STANDARD 542601 FOR REINFORCED PIPE ELBOW DETAILS

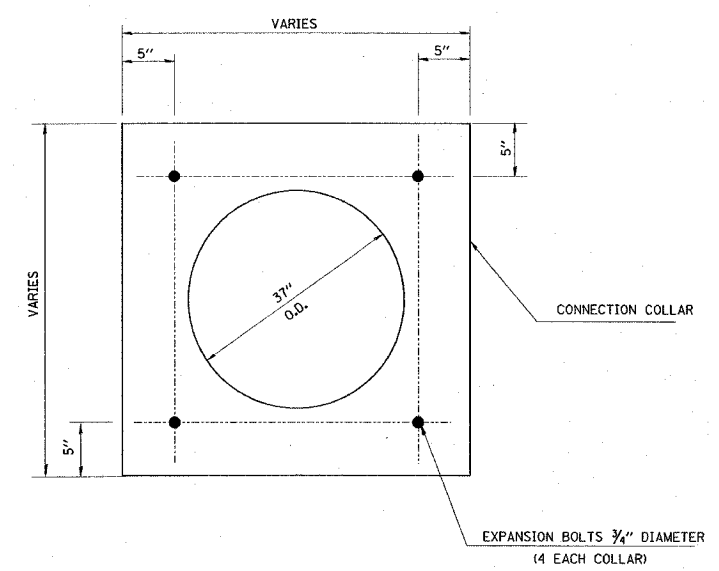
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**DETAILS OF BOX CULVERT
 EXTENSIONS (WITH PIPE CULVERTS)**
 STA. 23+53.39 (RUNAROUND)
 FAP ROUTE 314
 SECTION 110-1VBR-1
 MADISON COUNTY

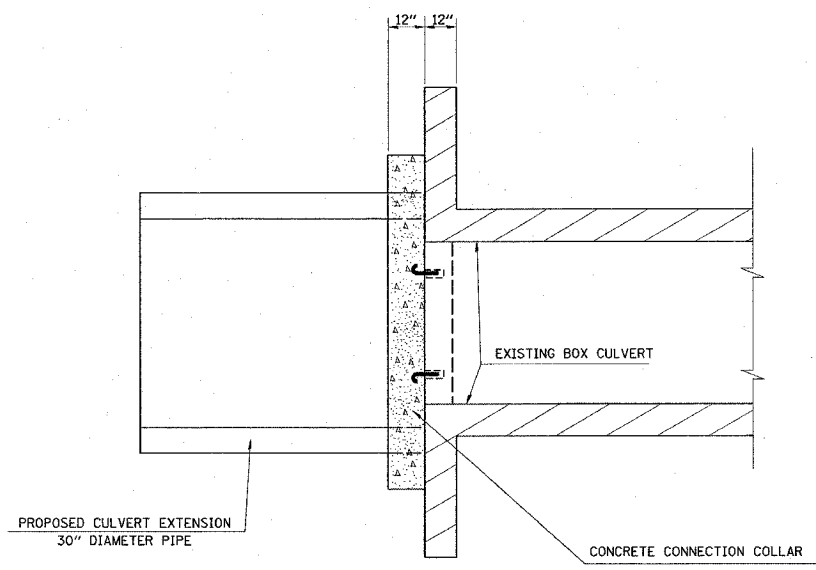
DRAWN BY:

PLOT DATE: 3/28/2006

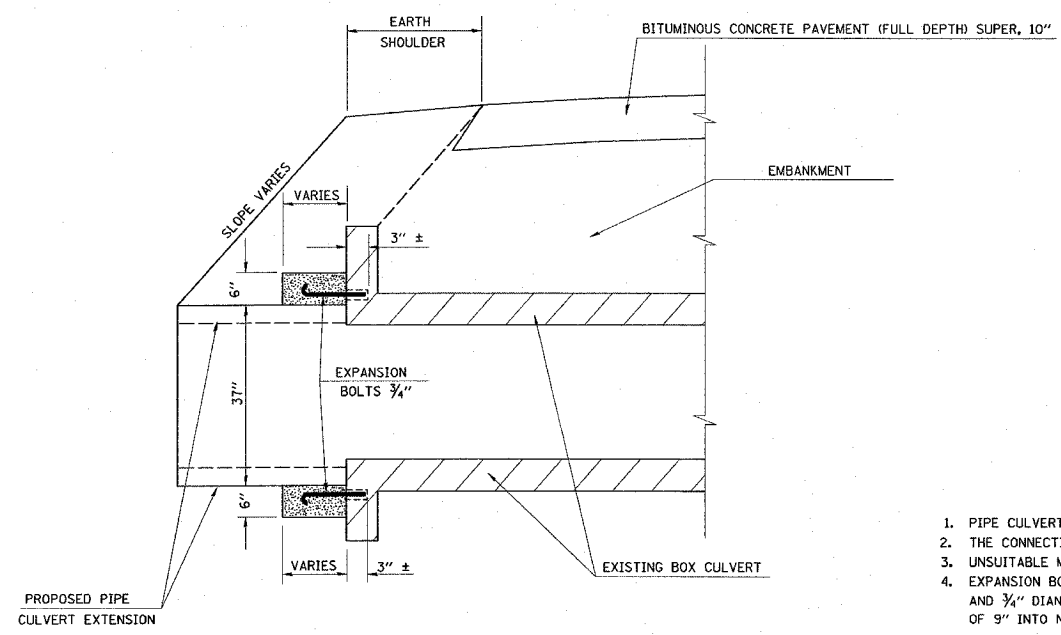
PLAN	DATE	BY
SUBMITTAL		
REVISIONS		
NO.		
DATE		
BY		
DESCRIPTION		
NOTED		
DATE		
BY		
DESCRIPTION		



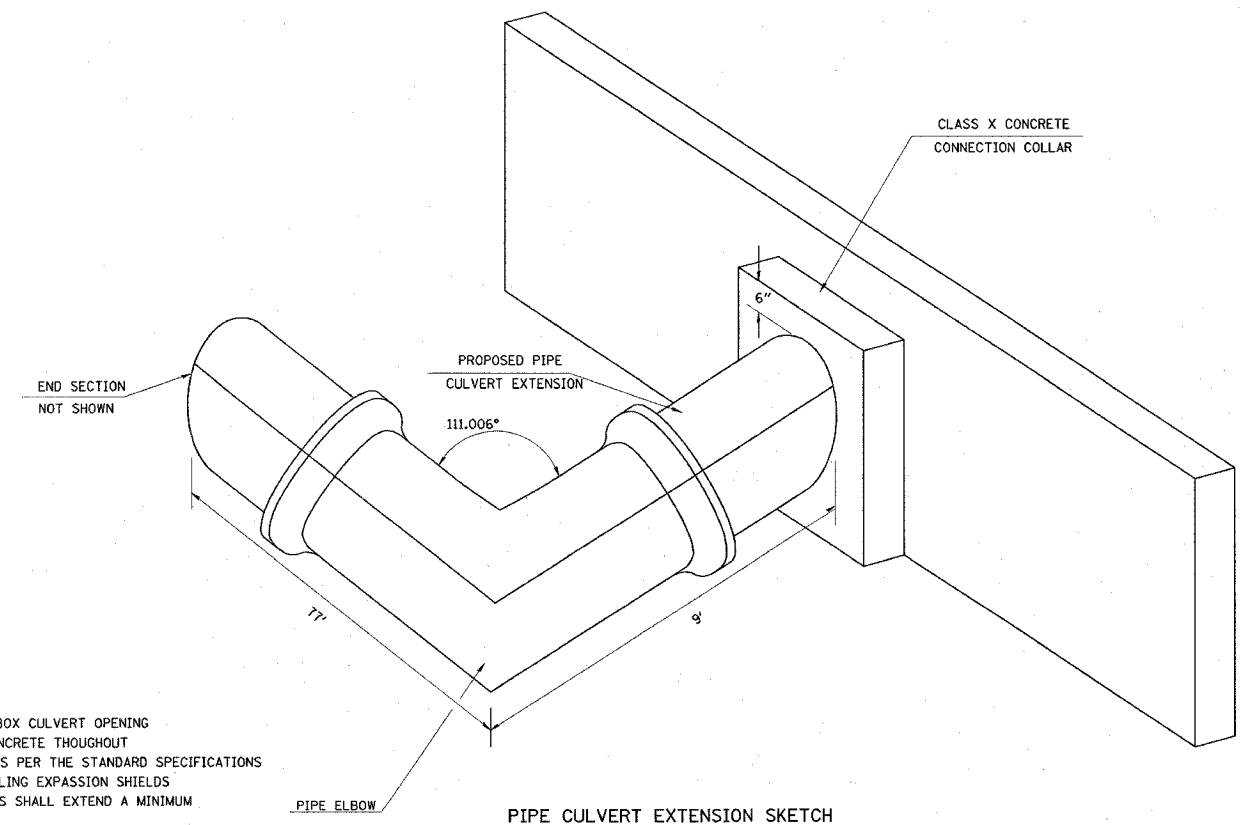
EXPANSION BOLT LAYOUT
NOT TO SCALE



PLAN VIEW
NOT TO SCALE



EXPANSION BOLT AND CONNECTION COLLAR DETAILS
NOT TO SCALE



PIPE CULVERT EXTENSION SKETCH
SEE STANDARD 542601 FOR REINFORCED PIPE ELBOW DETAILS

1. PIPE CULVERT EXTENSION TO BE CENTERED ON BOX CULVERT OPENING
2. THE CONNECTION COLLAR SHALL BE CLASS X CONCRETE THROUGHOUT
3. UNSUITABLE MATERIAL SHALL BE DISPOSED OF AS PER THE STANDARD SPECIFICATIONS
4. EXPANSION BOLTS SHALL CONSIST OF SELF-DRILLING EXPANSION SHIELDS AND 3/4" DIAMETER HOOKED BOLTS. HOOKED BOLTS SHALL EXTEND A MINIMUM OF 9" INTO NEW CONCRETE.

REVISIONS	
NAME	DATE

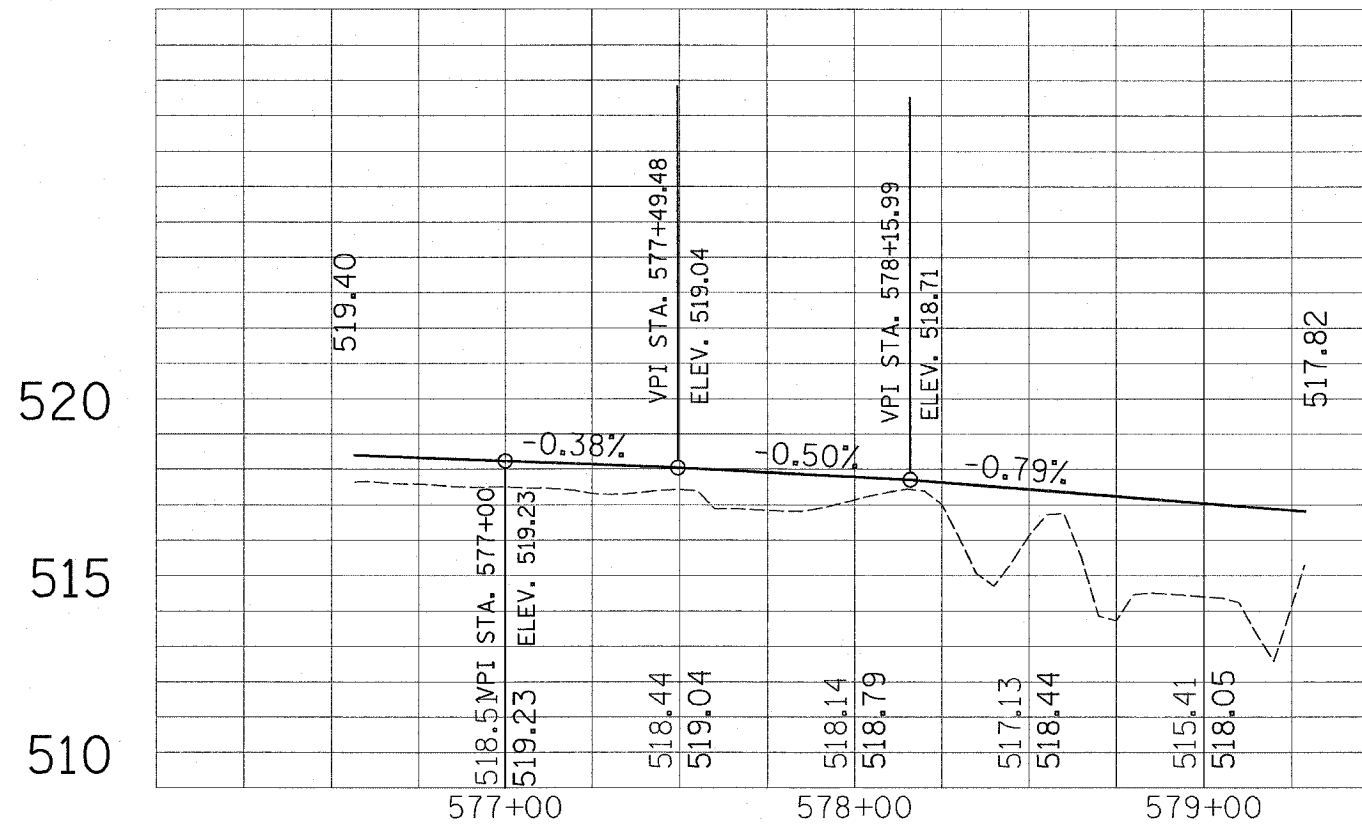
ILLINOIS DEPARTMENT OF TRANSPORTATION
**DETAILS OF BOX CULVERT
 EXTENSIONS (WITH PIPE CULVERTS)**
 STA. 20+76.34 (RUNAROUND)
 FAP ROUTE 314
 SECTION 110-1VBR-1
 MADISON COUNTY

DRAWN BY:
 PLOT DATE: 3/28/2006

DATE: 3/28/2006
 3/28/2006
 REF: 3/28/2006
 REF: 3/28/2006

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	336
STA.		TO STA.		
CONTRACT NUMBER:		76549		

PLAN	DATE
BY	
REVISIONS	
APPROVED	
ALIGNED	
CHECKED	
DATE	
NO.	
NAME	



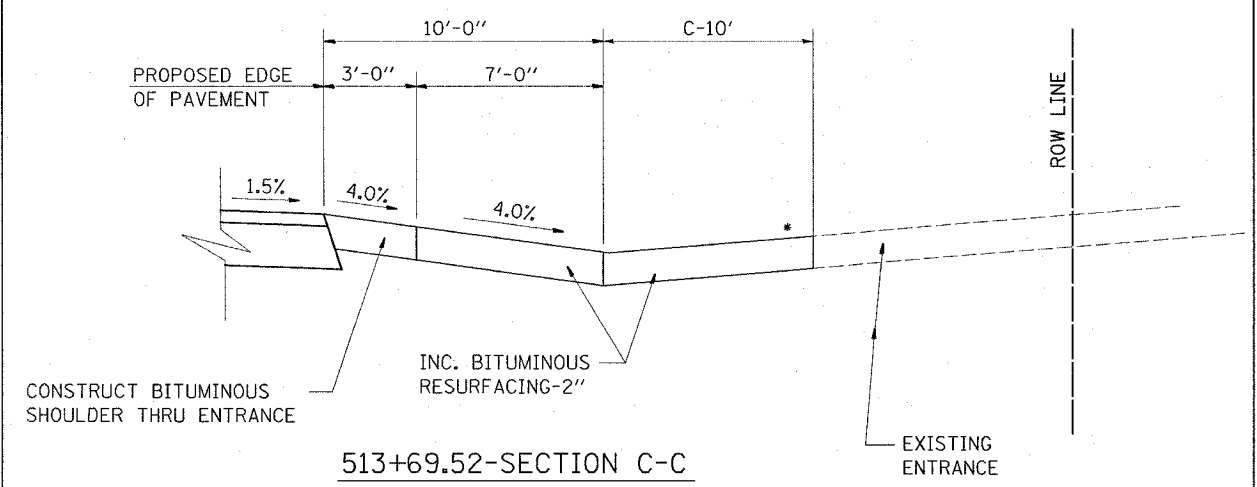
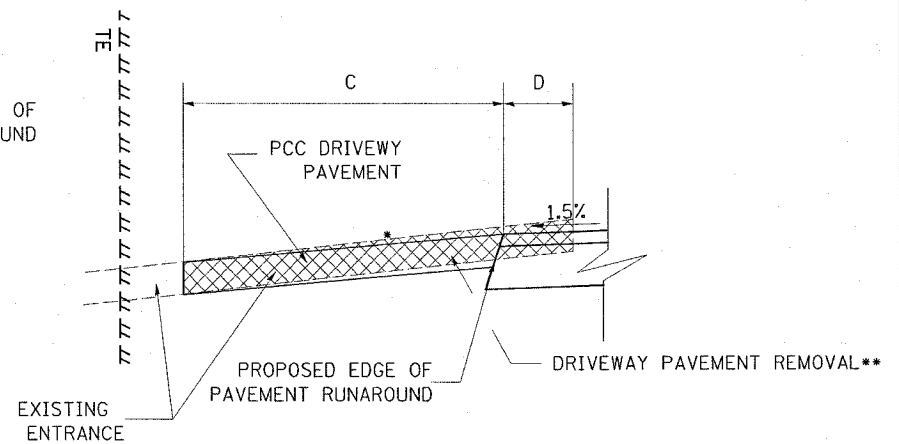
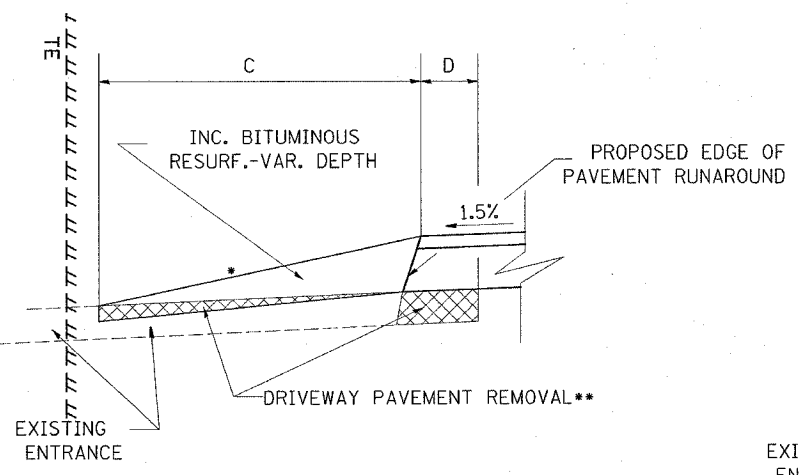
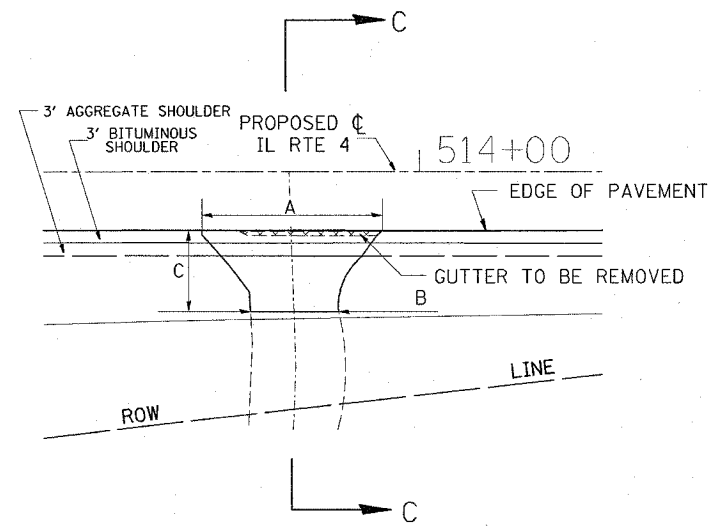
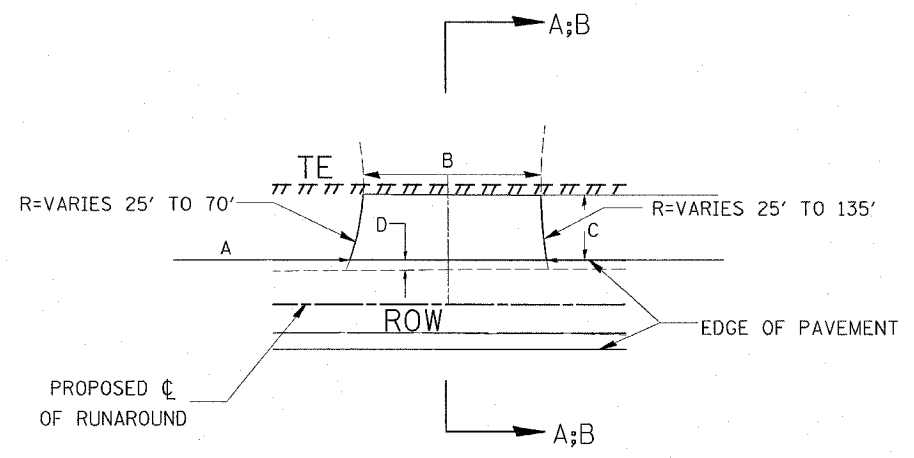
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 DATE-TIME:
 DATE-TIME
 REF:
 REF:

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
DETAIL OF BIKE TRAIL PROFILE
 FAP ROUTE 314 (IL 4)
 SECTION 110-1VBR-1
 MADISON COUNTY
 DRAWN BY:

PLOT DATE: *DATE-TIME*

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
314	110-1VBR-1	MADISON	77	33C
STA.		TO STA.		
CONTRACT NO.: 76549				



STA. 8+76.55-SECTION A-A

STA. 7+16.65-SECTION B-B

513+69.52-SECTION C-C

- * SEE CROSS SECTIONS FOR SLOPE
- ** INCLUDED IN THE COST OF INCIDENTAL BITUMINOUS RESURFACING OR PCC DRIVEWAY PAVEMENT
- SEE PLANS FOR EXISTING SURFACE TYPE

- * SEE CROSS SECTIONS FOR SLOPE
- SEE PLANS FOR EXISTING SURFACE TYPE

STATIONING	EXISTING MATERIAL	ENTRANCE TYPE	INCIDENTAL BITUMINOUS CONC. SURFACING, (TONS)	PORTLAND CEMENT CONCRETE DRIVEWAY PAVM'T-6" (SQ YDS)	EST. DRIVEWAY PAVEMENT REMOVAL-(SQ YDS)	A	B	C	D
513+69.52	BITUMINOUS	CE	5.5			42.0'	20.5'	19.0'	
7+16.65	CONCRETE	CE		117	135	57.7'	52.2'	19.1'	2.8'
8+76.55	BITUMINOUS	CE	14.5		63	36.8'	11.9'	15.9'	4.7'
TOTAL			20.0	117	198				

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ENTRANCE DETAILS
 FAP ROUTE 314 (IL 4)
 SECTION 110-1VBR-1
 MADISON COUNTY
 DRAWN BY:
 PLOT DATE: *DATE-TIME*

DATE	
BY	
DESIGNED	
CHECKED	
ALIGNED	
NOTED	
DATE	
NO.	

SCALE:
 DATE-TIME
 DATE-TIME
 DATE-TIME

Bench Mark: Chiseled "□" on N.E. corner of headwall, east side of IL. 4, ±0.9 miles north of intersection of IL. 143 & IL. 4, ±525 ft. north of Loos Road. Elev. 516.069

Existing Structure: S.N. 060-0107 was built in 1934 as F.A.P. 314, Section 110-IVBR-1 at Sta. 504+16.45 over the abandoned railroad. The structure consists of three simple span PPC-deck beams on reinforced concrete abutments on crosoted wooden piles and multi-column piers on footings. The bk. to bk. abutments dimension measures 112'-7 1/4". Remove structure after box culvert is in place.

No salvage

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STATION 504+11.50
BUILT 200_ BY
STATE OF ILLINOIS
F.A.P. RT. 314 SEC. 110-IVBR-1
LOADING HS20
STR. NO. 060-2406

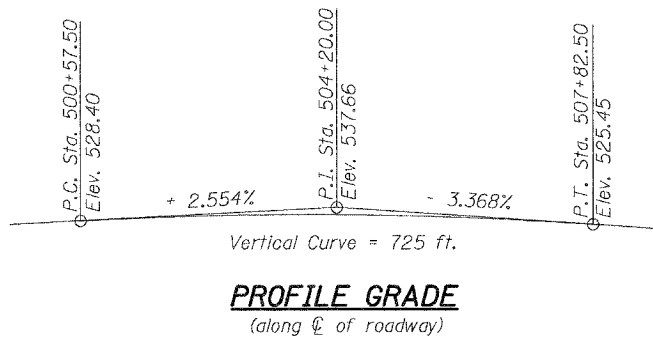
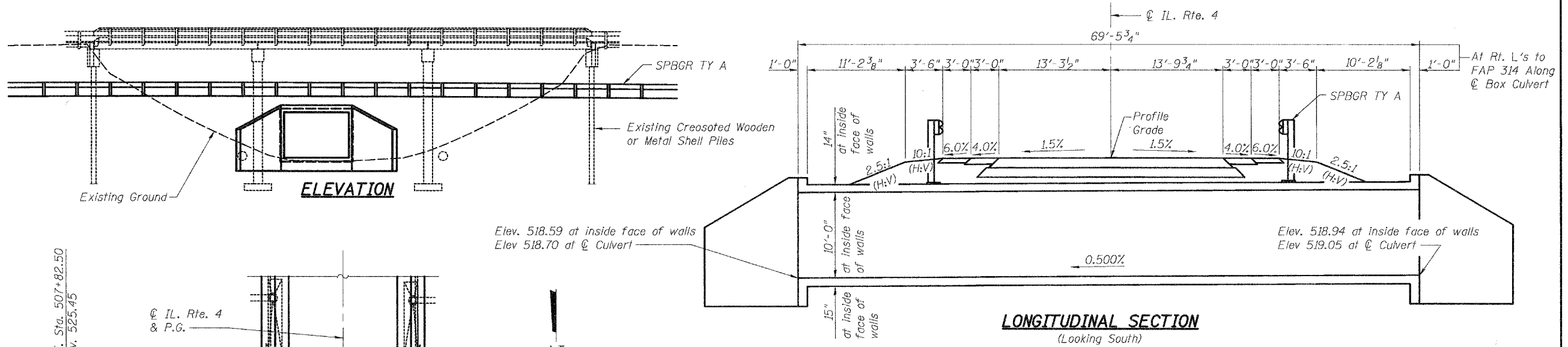
ROUTE NO.	SECTION	COUNTY	TOWNSHIP	SHEET NO.	SHEET NO. 1 4 SHEETS
F.A.P. 314	110-IVBR-1	MADISON	T7	34	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			
Contract #76549					

NAME PLATE

See Std. 515001

INDEX OF SHEETS

- 1 General Plan & Elevation
- 2 Culvert Details
- 3 Drainage Details
- 4 Soil Borings



LONGITUDINAL SECTION
(Looking South)

GENERAL NOTES

- Reinforcement bars shall conform to the requirements of AASHTO M-31, M322 Grade 60. Bars indicated thus 11 x 2-#7 etc. indicates 11 lines of bars with 2 lengths per line.
- Class SI concrete shall be used throughout.
- A distance of half the length of the wingwall but not less than 6'-0" of the barrel shall be poured monolithically with the wingwalls.
- The use of precast box culverts will not be allowed.
- All exposed concrete edges shall be chamfered 3/4" unless otherwise noted.
- All construction joints shall be bonded.

TOTAL BILL OF MATERIAL

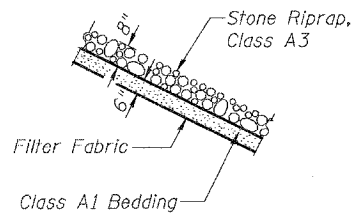
ITEM	UNIT	TOTAL
Concrete Box Culverts	Cu. Yd.	173.4
Reinforcement Bars	Pound	18570
Reinforcement Bars, Epoxy Coated	Pound	7550
Removal of Existing Structures	Each	1
Geocomposite Wall Drain	Sq. yd.	210
Stone Riprap, Class A3	Sq. yd.	205
Name Plates	Each	1
Filter Fabric	Sq. yd.	205
Heavy Duty Erosion Control Blanket	Sq. yd.	97

APPROVED
FOR STRUCTURAL ADEQUACY ONLY
Alan D. Lukens
ENGINEER OF BRIDGES AND STRUCTURES



Alan D. Lukens 5-8-06
Date
Alan D. Lukens
Licensed Structural Engineer
State of Illinois No. 081-005167
License Expires 11/30/06

STONE RIPRAP DETAIL



LOADING HS20-44

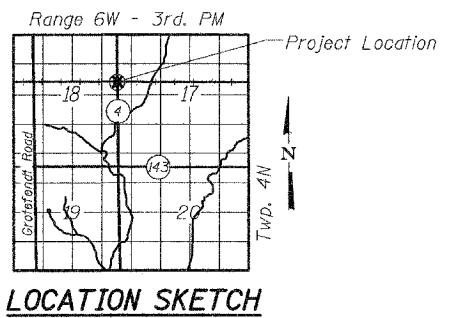
- Allow 50#/sq. ft. for future wearing surface.
- Earth 120 lb/ft³
- Equivalent Fluid Weights for Sidewalk:
40 lb/ft³ (above mid-height of top slab)
50 lb/ft³ (below mid-height of top slab)
- Apply live load surcharge equivalent to 2'-0" of fill

DESIGN SPECIFICATIONS

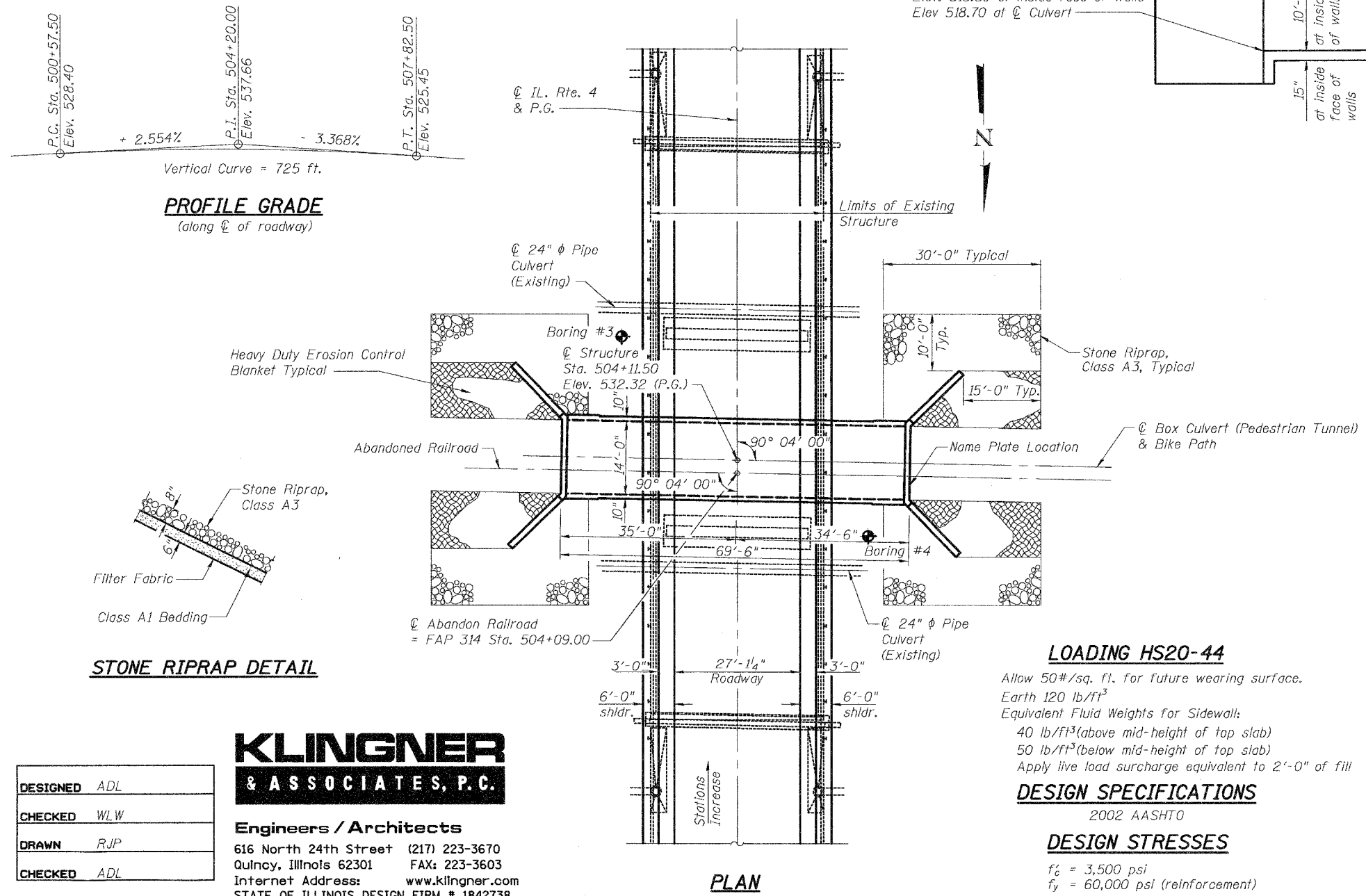
2002 AASHTO

DESIGN STRESSES

f_c = 3,500 psi
f_y = 60,000 psi (reinforcement)



LOCATION SKETCH



PLAN

DESIGNED	ADL
CHECKED	WLW
DRAWN	RJP
CHECKED	ADL

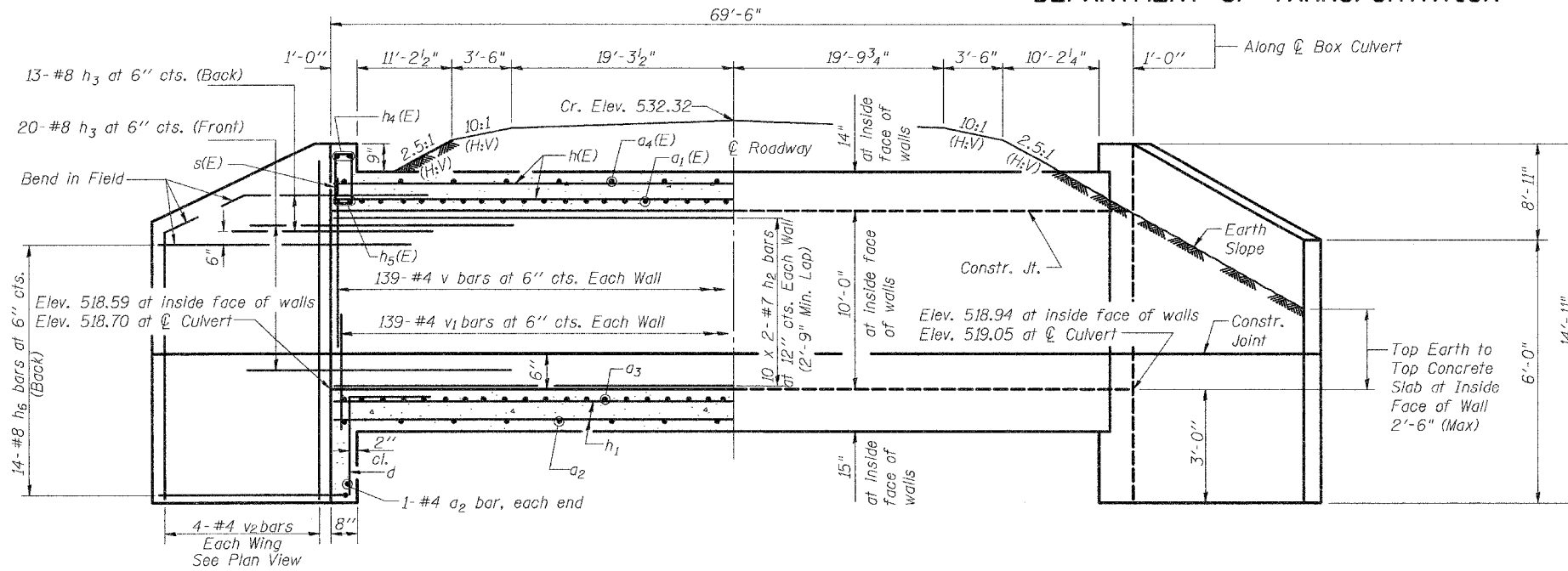
KLINGNER & ASSOCIATES, P.C.
Engineers / Architects
616 North 24th Street (217) 223-3670
Quincy, Illinois 62301 FAX: 223-3603
Internet Address: www.klingner.com
STATE OF ILLINOIS DESIGN FIRM # 1842738

5/8/2006 p:\02files\020409\020409.23 w0 #12 Ped Culvert\SN060-2406.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

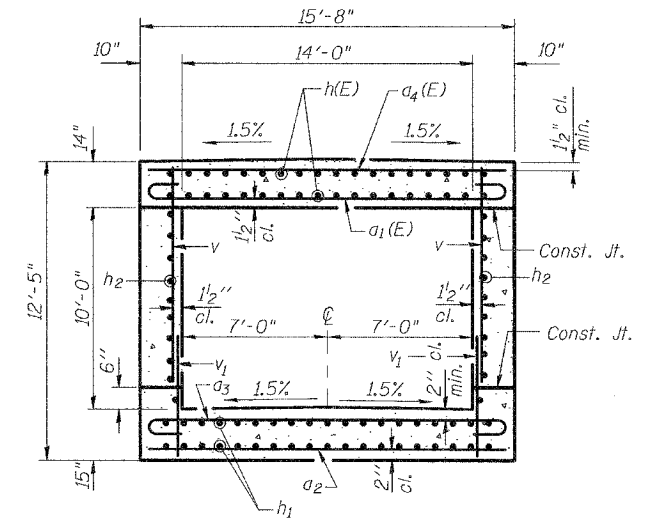
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FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

Contract #76549

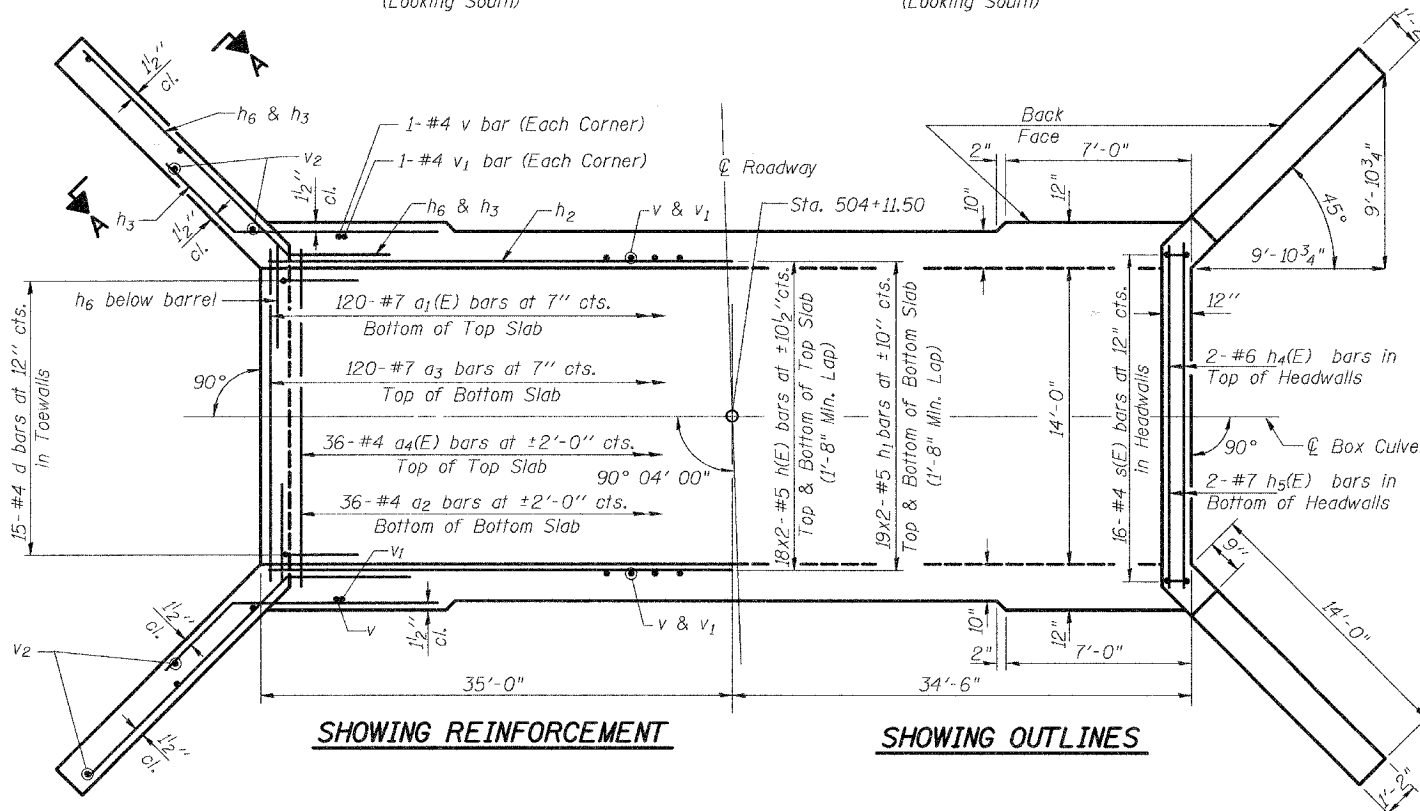


HALF LONG SECTION
(Looking South)

HALF ELEVATION
(Looking South)



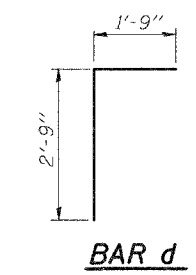
SECTION THRU BARREL



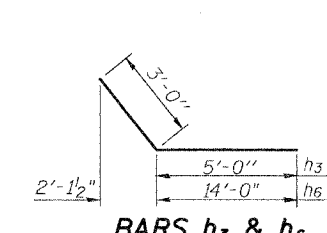
SHOWING REINFORCEMENT

SHOWING OUTLINES

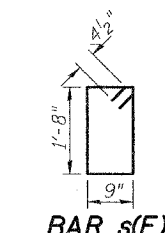
PLAN



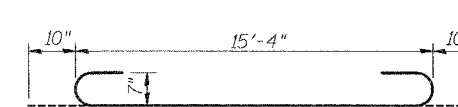
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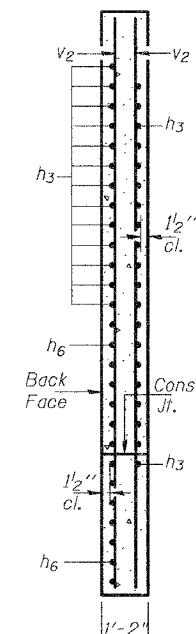
BARS h3 & h6



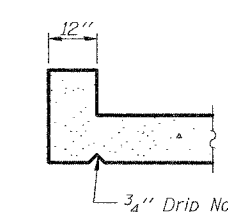
BAR s(E)



BAR a1(E) & a3



SECTION A-A



SECTION THRU HEADWALLS

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1(E)	120	#7	17'-0"	U
a2	38	#4	15'-4"	U
a3	120	#7	17'-0"	U
a4(E)	36	#4	15'-4"	U
d	30	#4	4'-6"	L
h(E)	72	#5	35'-7"	—
h1	76	#5	35'-7"	—
h2	40	#7	36'-2"	—
h3	132	#8	8'-0"	—
h4(E)	4	#6	15'-3"	—
h5(E)	4	#7	15'-3"	—
h6	56	#8	17'-0"	—
v	282	#4	10'-5"	—
v1	282	#4	3'-6"	—
v2	16	#4	14'-7"	—
s(E)	32	#4	5'-7"	□
Concrete Box Culverts		Cu. Yd.	173.4	
Reinforcement Bars		Pound	18,570	
Reinforcement Bars, Epoxy Coated		Pound	7,550	

Note: Reinforcement Bars Designated (E) Shall Be Epoxy Coated.

CULVERT DETAILS
IL. ROUTE 4 OVER
ABANDONED RAILROAD
F.A.P. ROUTE 314 - SEC. 110-IVBR-1
MADISON COUNTY
STATION 504+11.50
S.N. 060-2406

DESIGNED	ADL
CHECKED	WLW
DRAWN	RJP
CHECKED	ADL
SSB-H-0 6-1-2000	

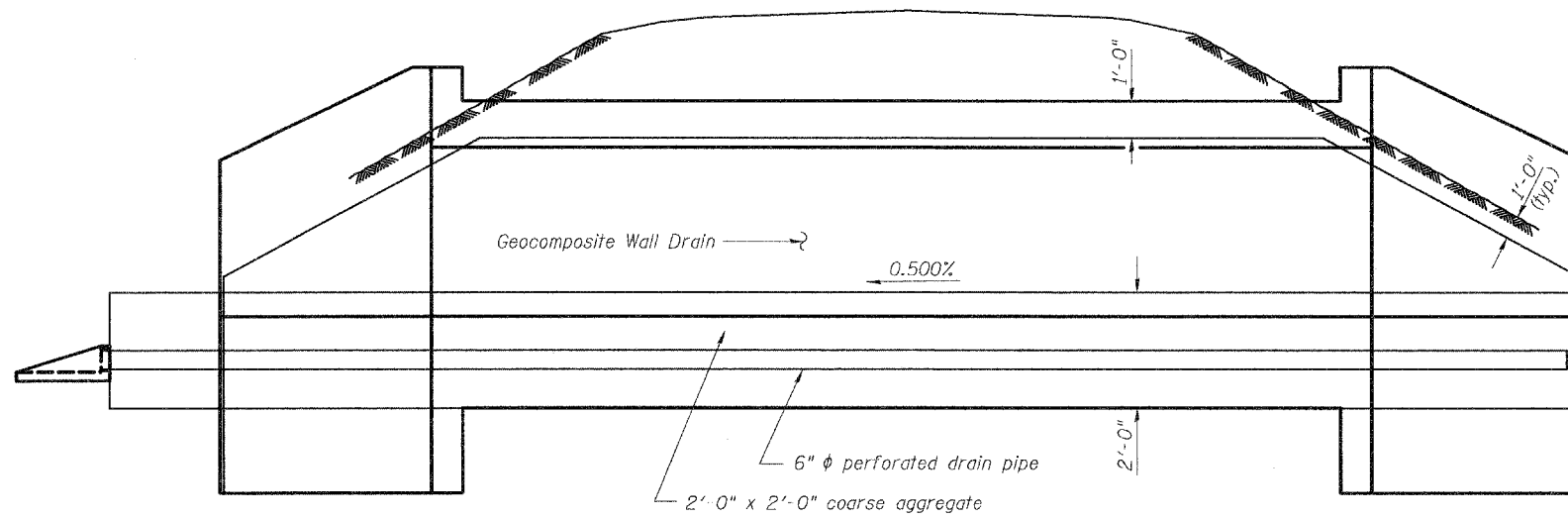
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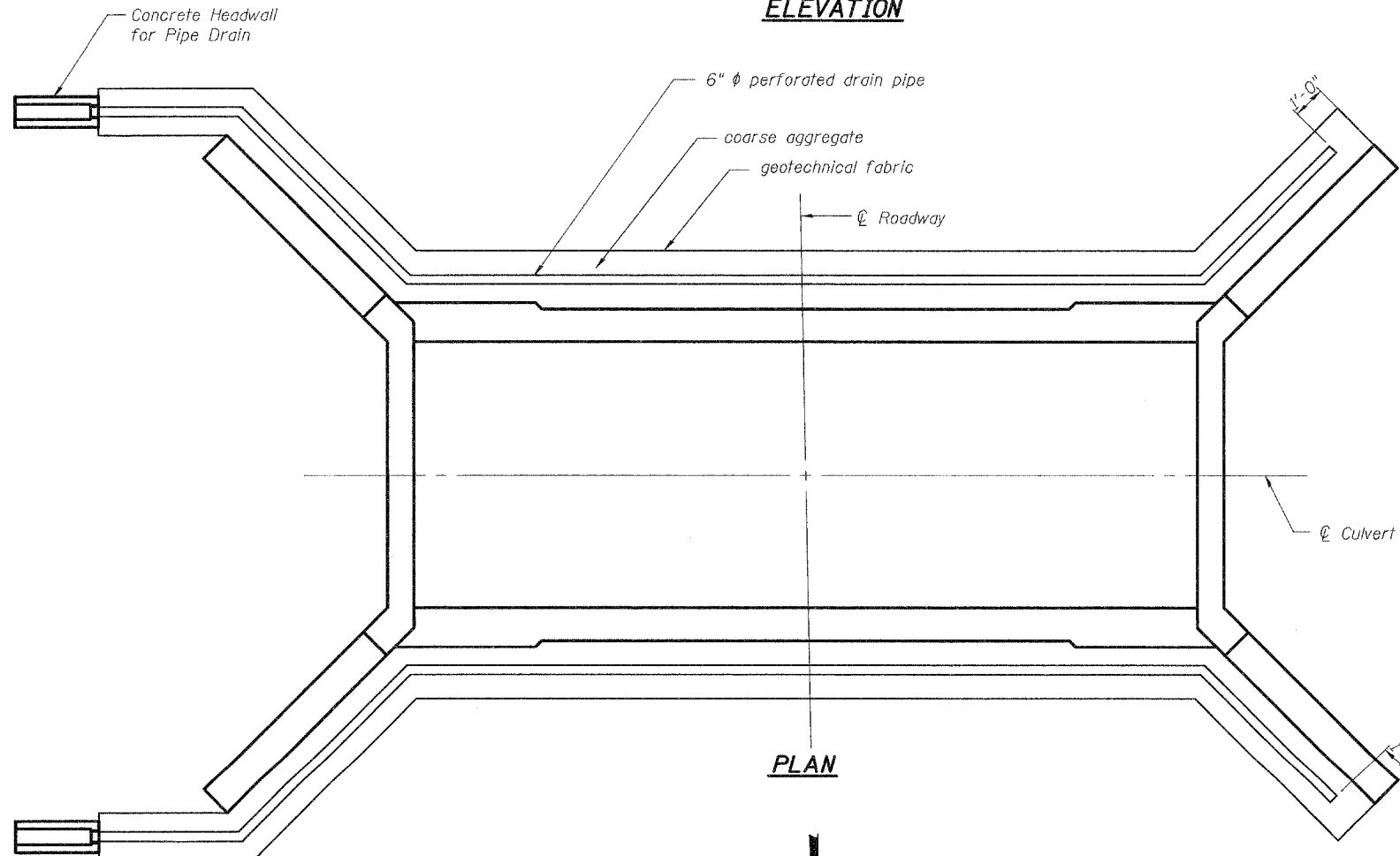
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	DISTRICT	COUNTY	SECTION	SHEET	SHEET NO. 3 4 SHEETS
F.A.P. 314	110-IVBR-1	MADISON	77	36	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

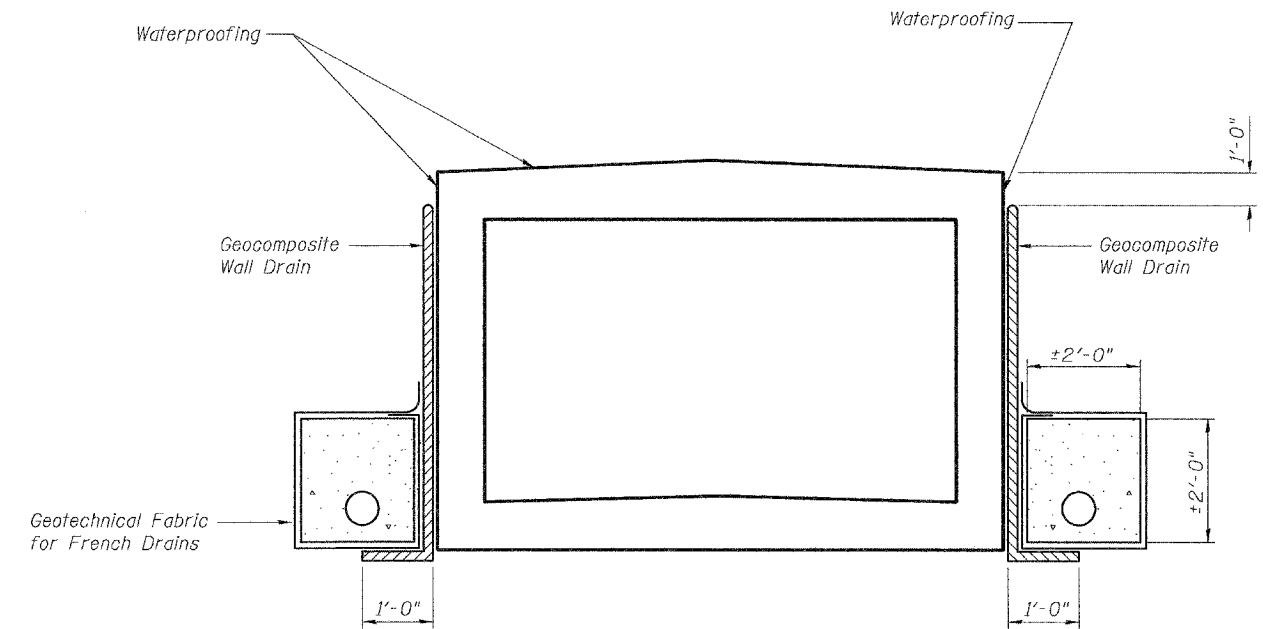
Contract #76549



ELEVATION



PLAN



CROSS SECTION

GENERAL NOTES

A Geocomposite Wall Drain shall be installed on the fill faces of the pedestrian tunnel walls and wings and draped under the approximate 2'-0" x 2'-0" block of wrapped coarse aggregate.

A 6" diameter perforated drain shall be situated within an approximate 2'-0" x 2'-0" block of CA-5 or CA-7 coarse aggregate. The 2'-0" x 2'-0" block of coarse aggregate shall be wrapped completely in Geotechnical Fabric for French Drains. Extend perforated drain and wrapped coarse aggregate past wings parallel to C tunnel to intersection with fill slope at the low end of tunnel. Pipes shall drain onto concrete headwalls (Article 601.05 of the Std. Specifications and Highway Std. 601101.)

Cost of perforated drain pipes, concrete headwalls, coarse aggregate, and geotechnical fabric shall be included with the pay item Geocomposite Wall Drain.

The outside surface of the walls, top slab, and back of wingwalls below grade shall be waterproofed according to Article 503.18 of the Standard Specifications. Cost of waterproofing shall be included in the cost of "Concrete Box Culverts"

DESIGNED	ADL
CHECKED	WLW
DRAWN	RJP
CHECKED	ADL

DRAINAGE DETAILS
IL. ROUTE 4 OVER
ABANDONED RAILROAD
F.A.P. ROUTE 314 - SEC. 110-IVBR-1
MADISON COUNTY
STATION 504+11.50
S.N. 060-2406

5/8/2006

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CONTRACT NO.				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBB-1	MADISON	77	38
STA. 491+50.00 TO STA. 493+00.00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

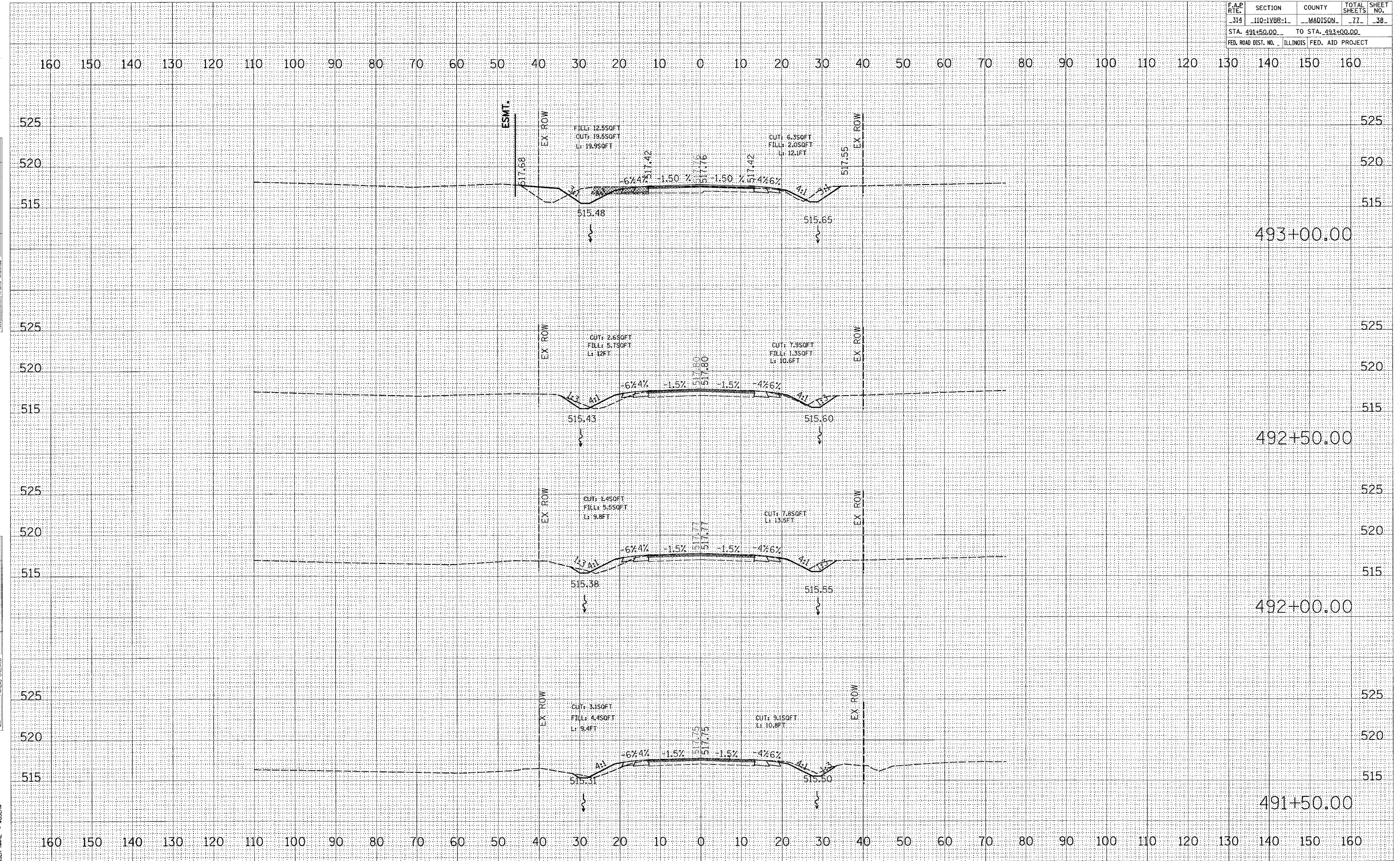
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NO.	DATE	BY

NO.	DATE	BY

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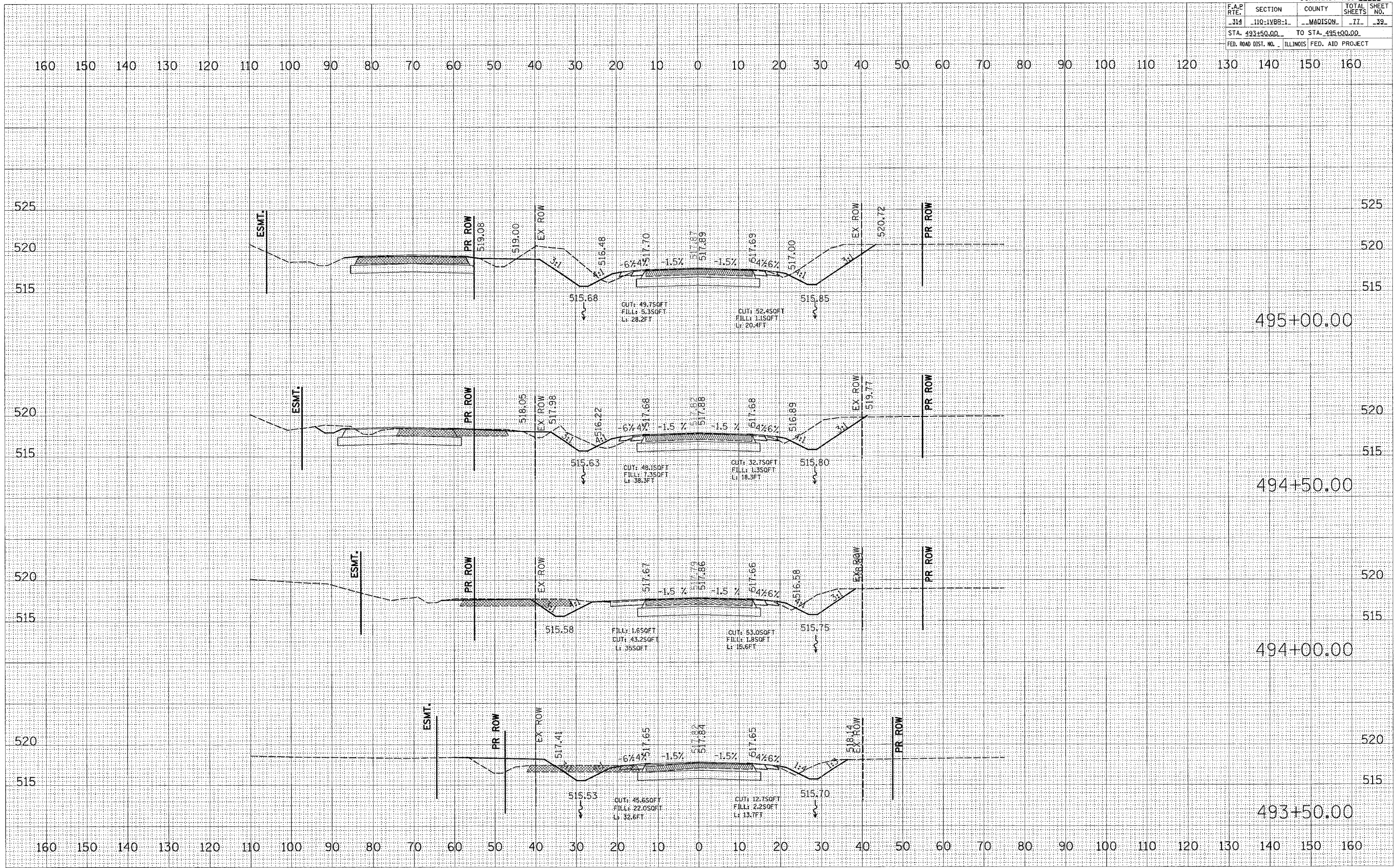
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	39
STA. 493+50.00 TO STA. 495+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

NO.	DATE	BY

NO.	DATE	BY

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FILE NAME * * * FILE * * *
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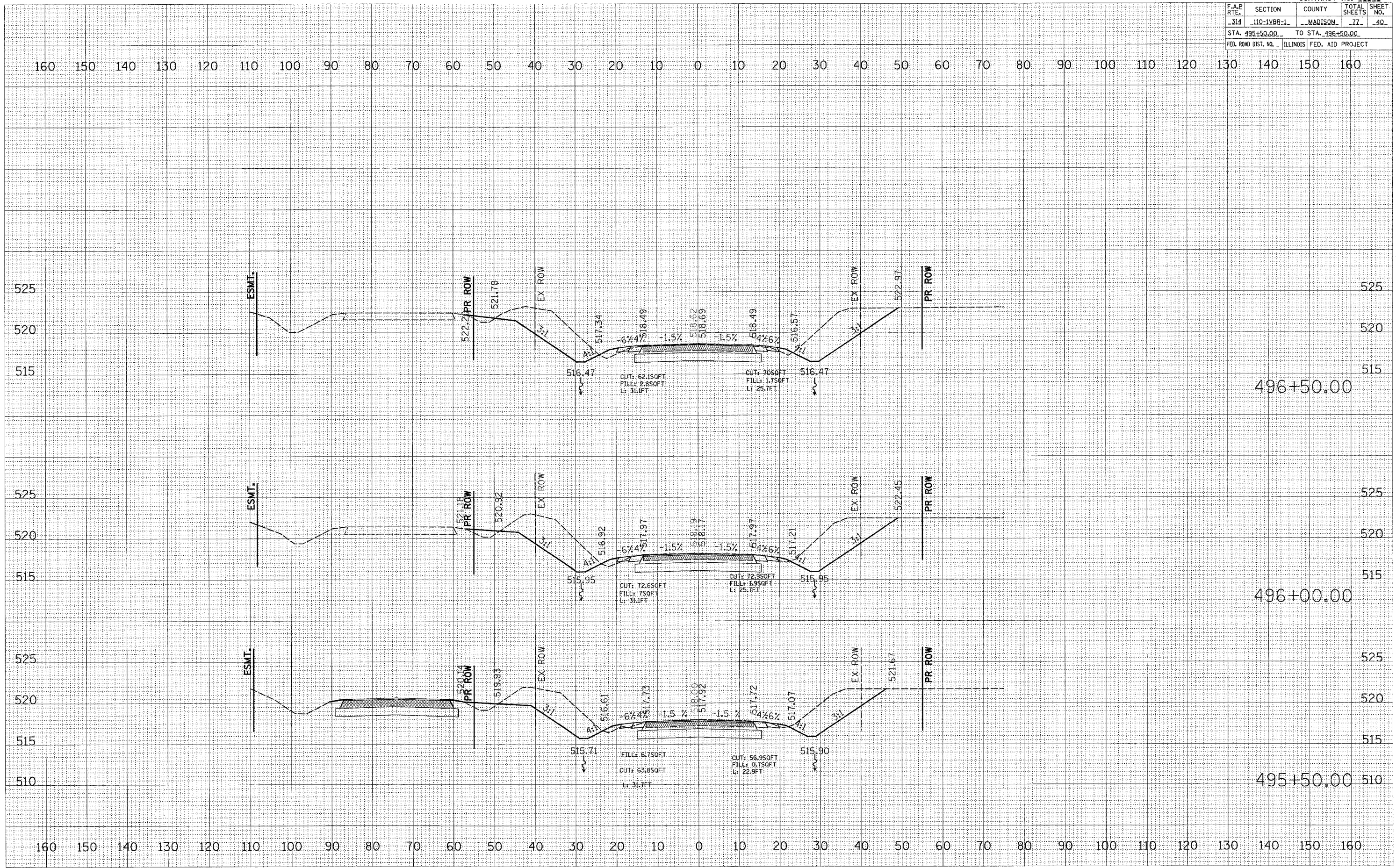
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F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1V88-1	MADISON	77	40
STA. 495+50.00		TO STA. 496+50.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FINAL SURVEY	DATE
BY	
NO.	
NO.	

ORIGINAL SURVEY	DATE
BY	
NO.	
NO.	

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



MAINLINE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	91
STA. 497+00.00		TO STA. 498+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

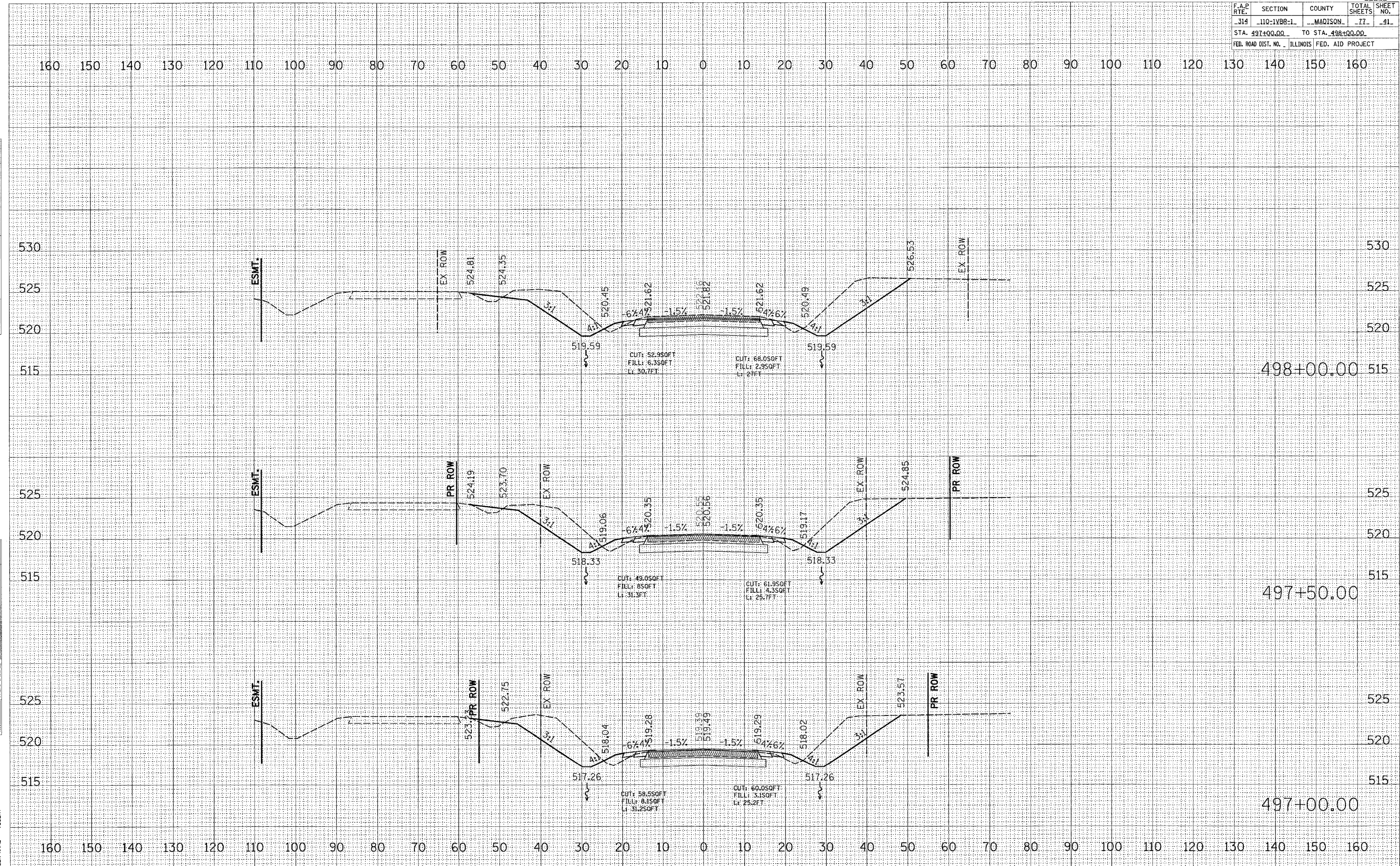
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DATE	BY

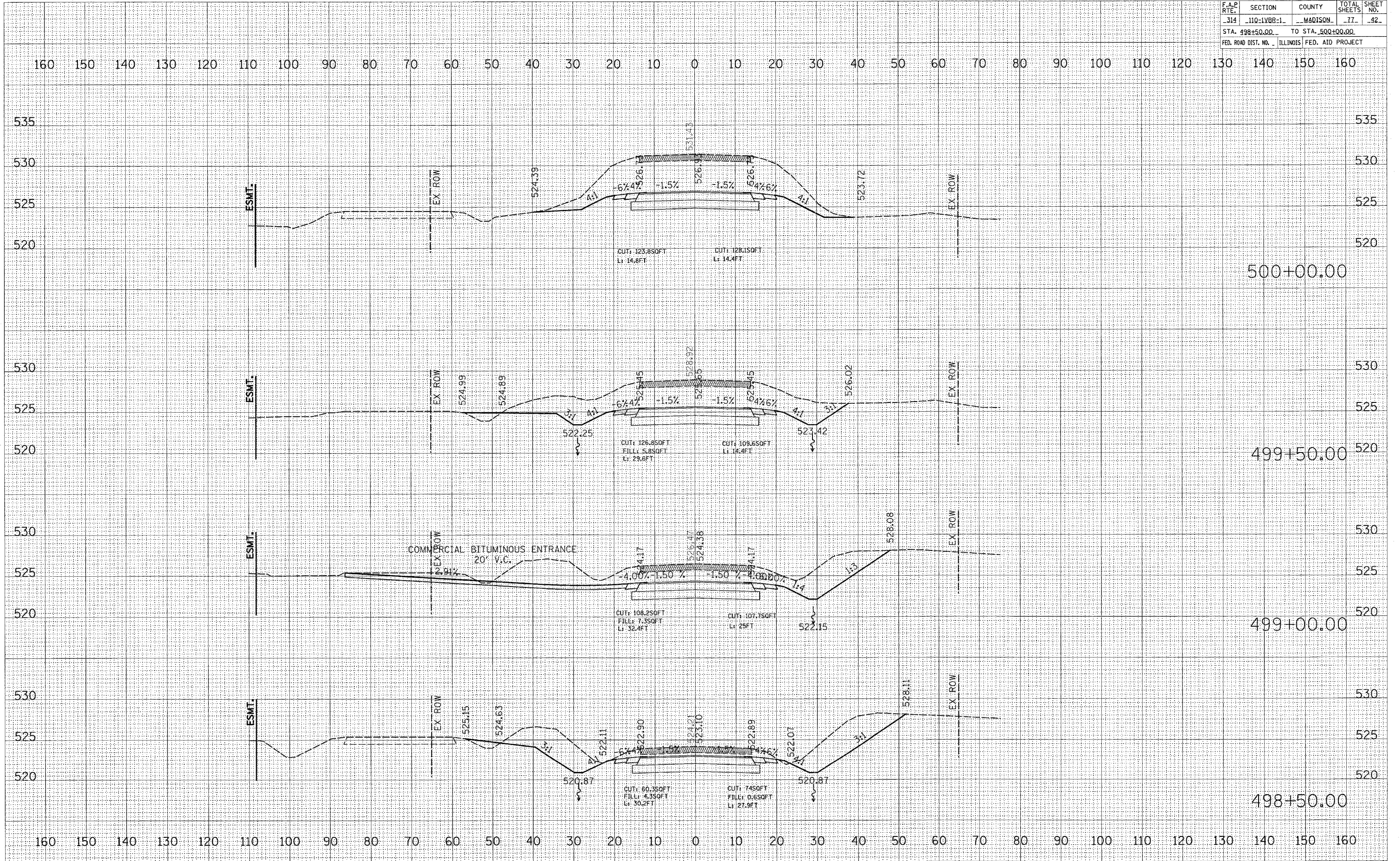
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MAINLINE

CONTRACT NO. 76549				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	11Q-1YBR-1	MADISON	17	42
STA. 498+50.00 TO STA. 500+00.00				
FED. ROAD DIST. NO. ILLINOIS			FED. AID PROJECT	



DATE	BY
NO.	
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NOTE BOOK	PLOTTED
	TEMPLATE
	AREAS CHECKED

DATE	BY
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NOTE BOOK	PLOTTED
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	AREAS CHECKED

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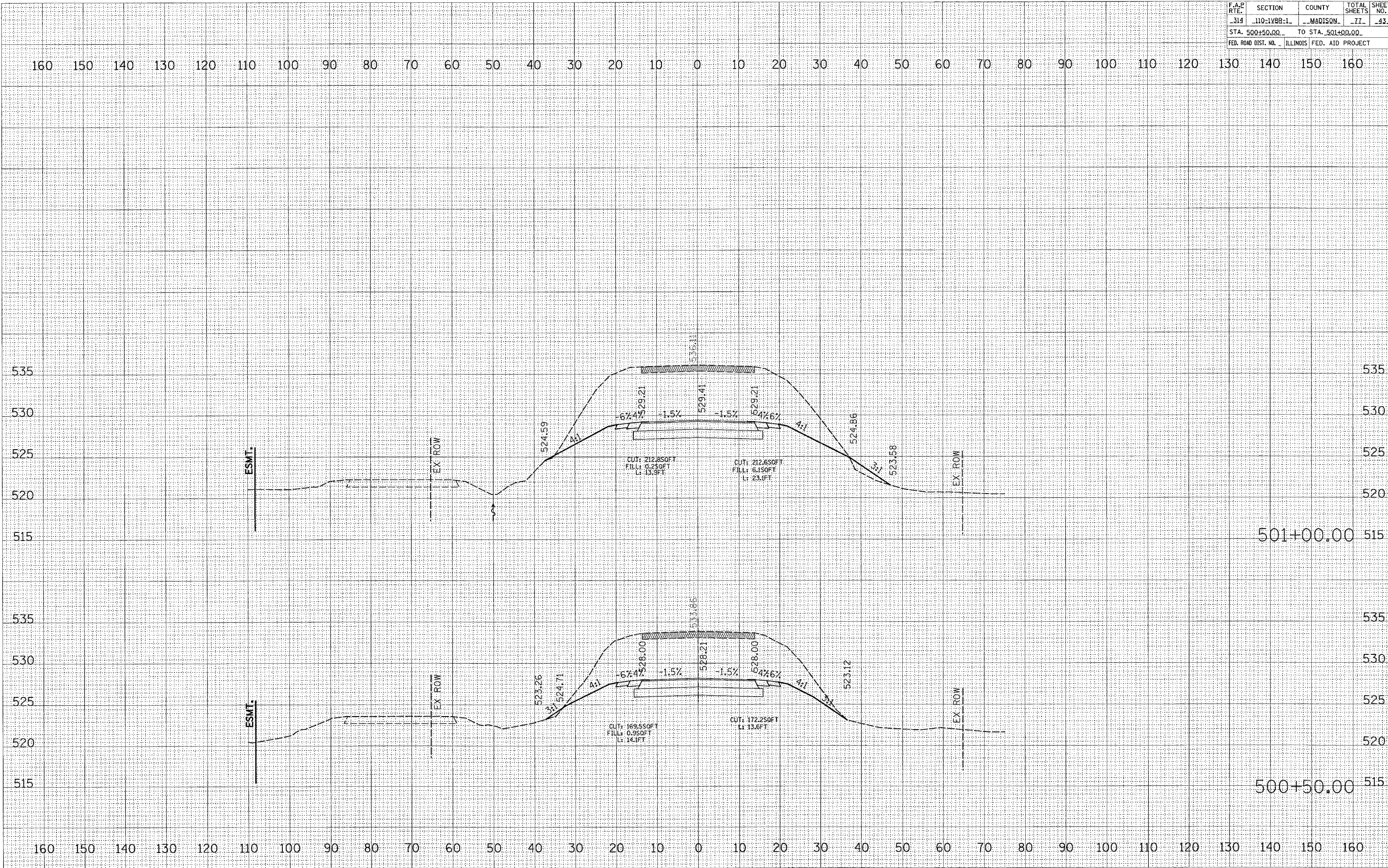
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1V88-1	MADISON	77	43
STA. 500+50.00		TO STA. 501+00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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BY	
NO.	
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SWAYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
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ORIGINAL SURVEY	
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NOTE BOOK	
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USER NAME	

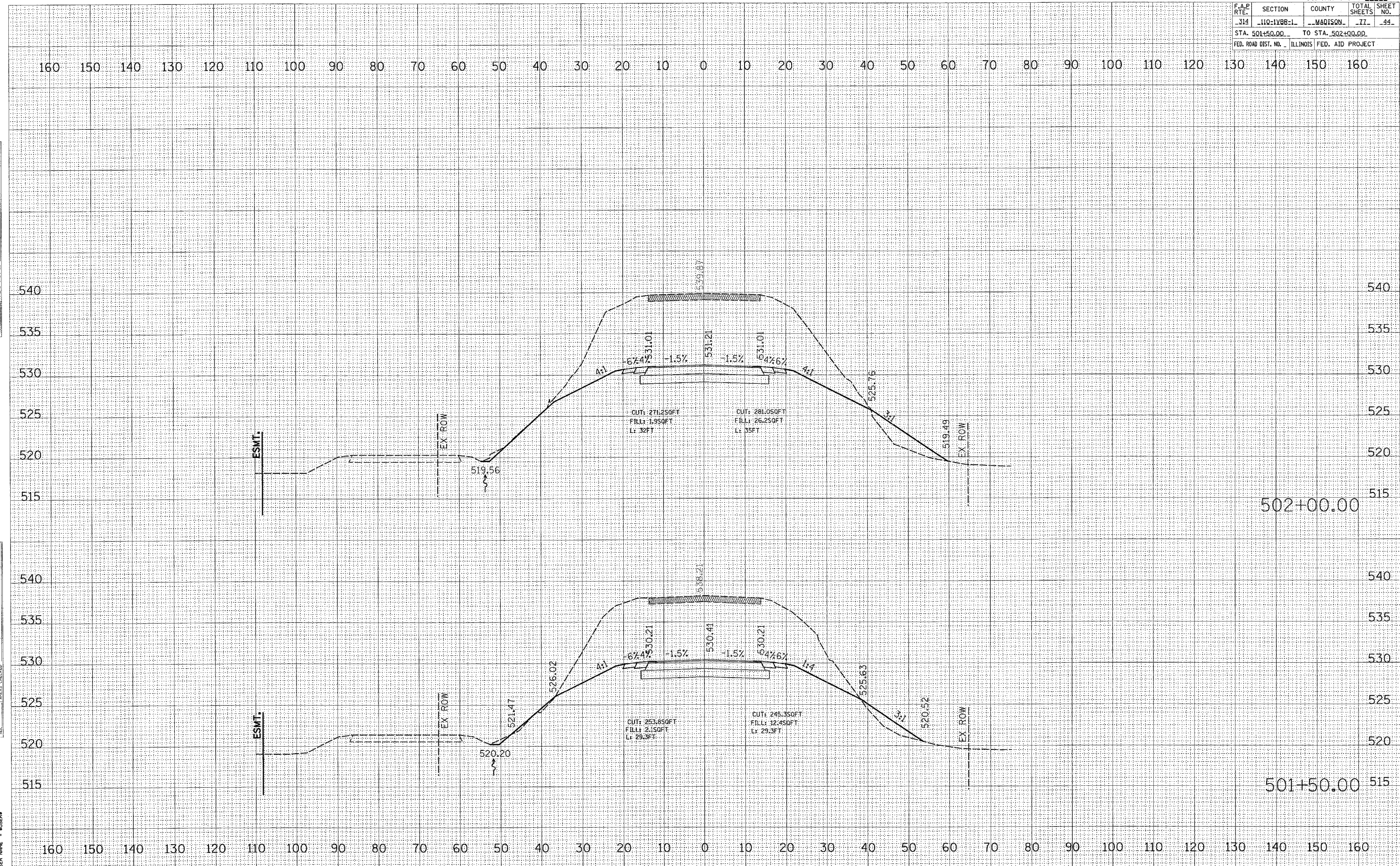


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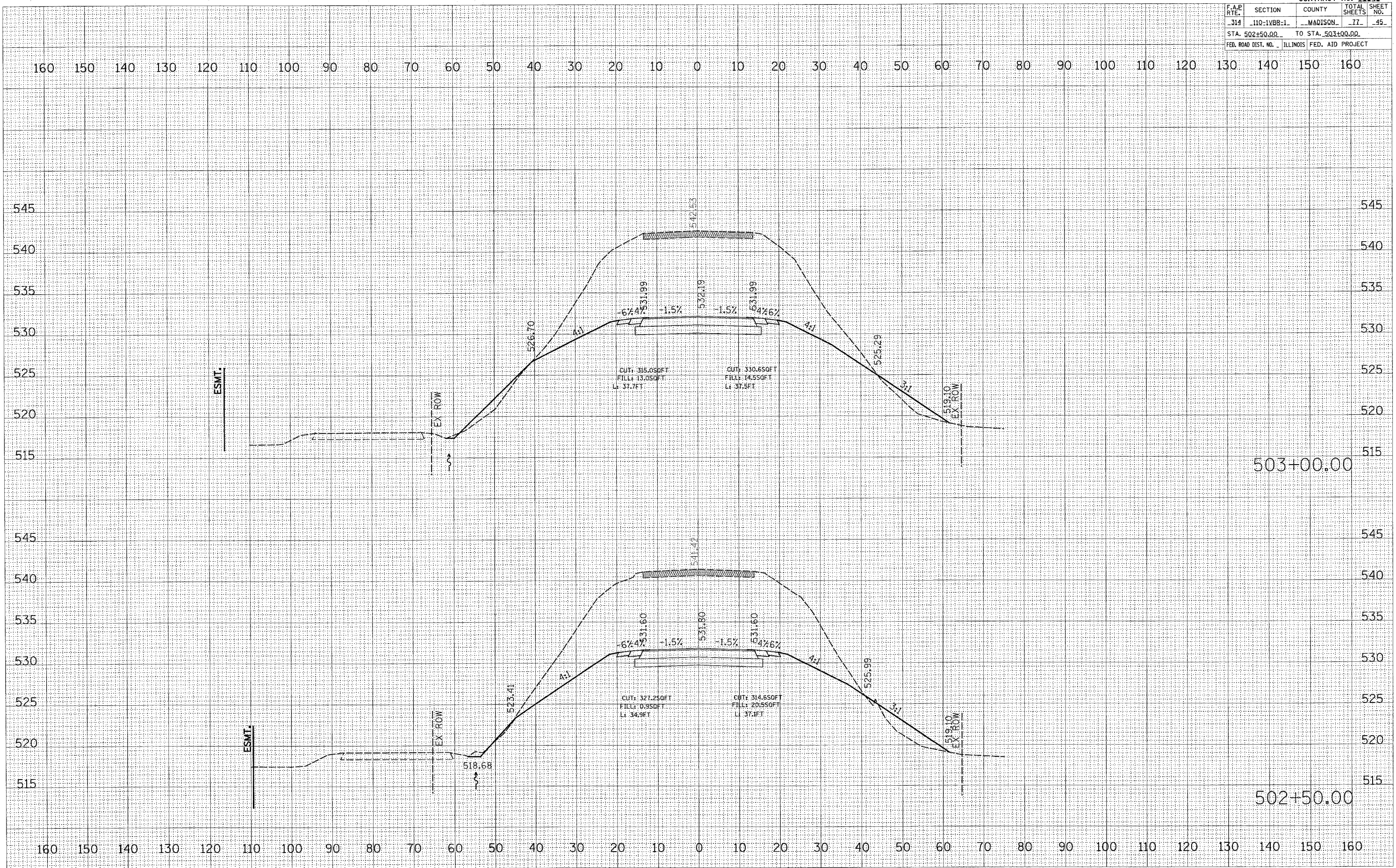
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MAINLINE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBB-1	MADISON	77	45
STA. 502+50.00		TO STA. 503+00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



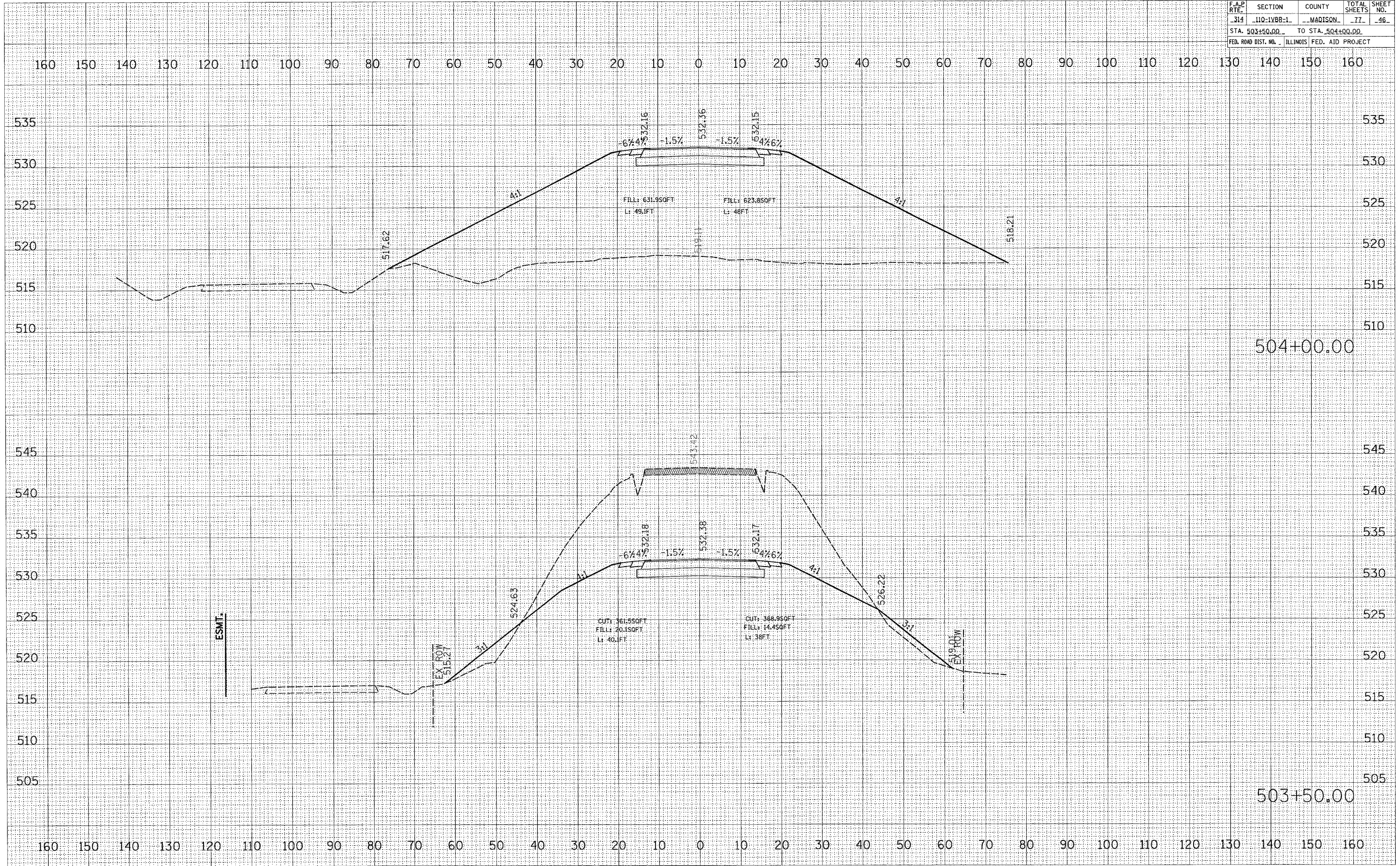
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 NOTE BOOK: _____
 AREAS CHECKED: _____

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MAINLINE

CONTRACT NO. 76549				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBB-1	MADISON	77	46
STA. 503+50.00 TO STA. 504+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



DATE	BY
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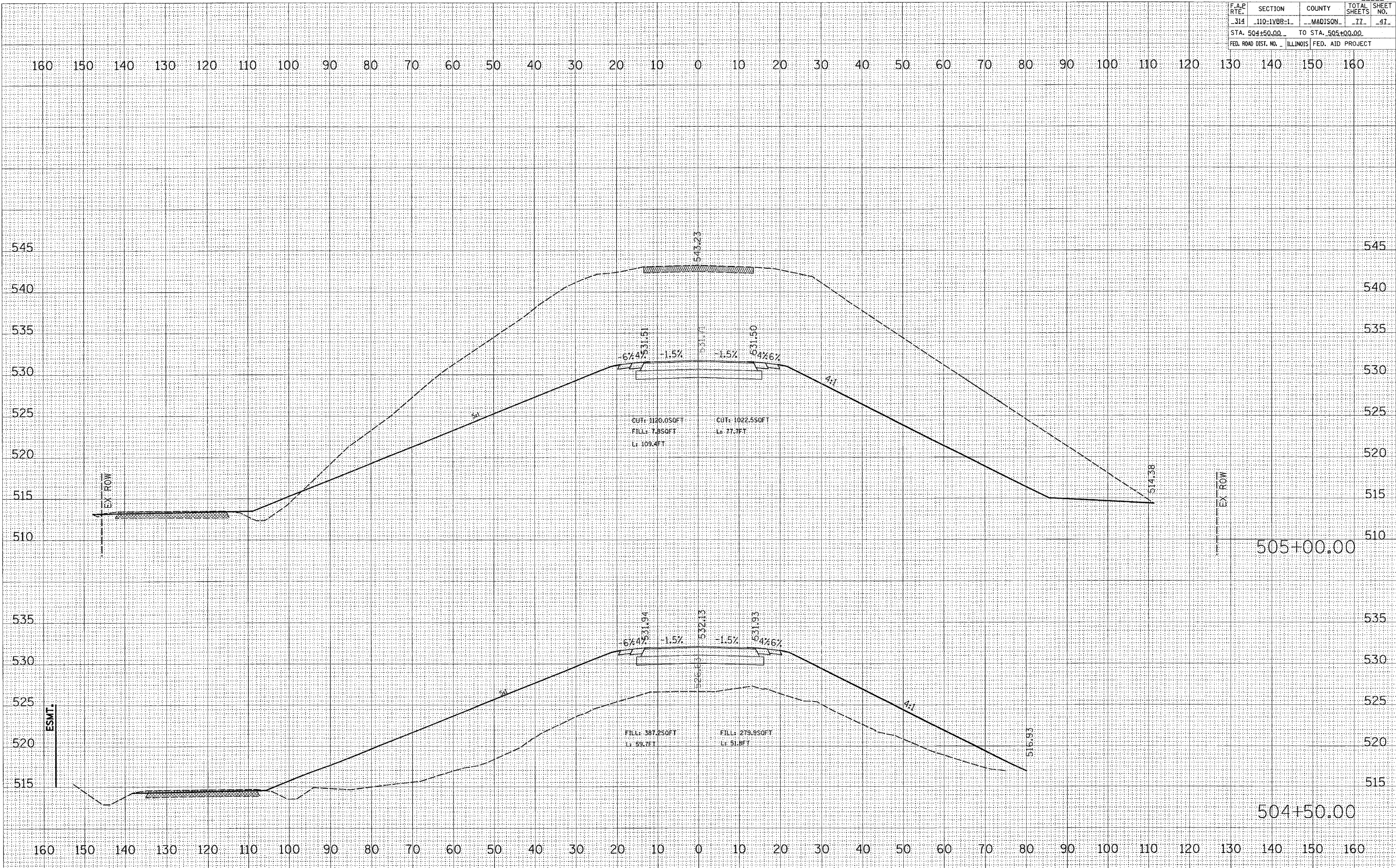
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BY	
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REVISION	
APPROVED	
NOTED	
REVISION	
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APPROVED	

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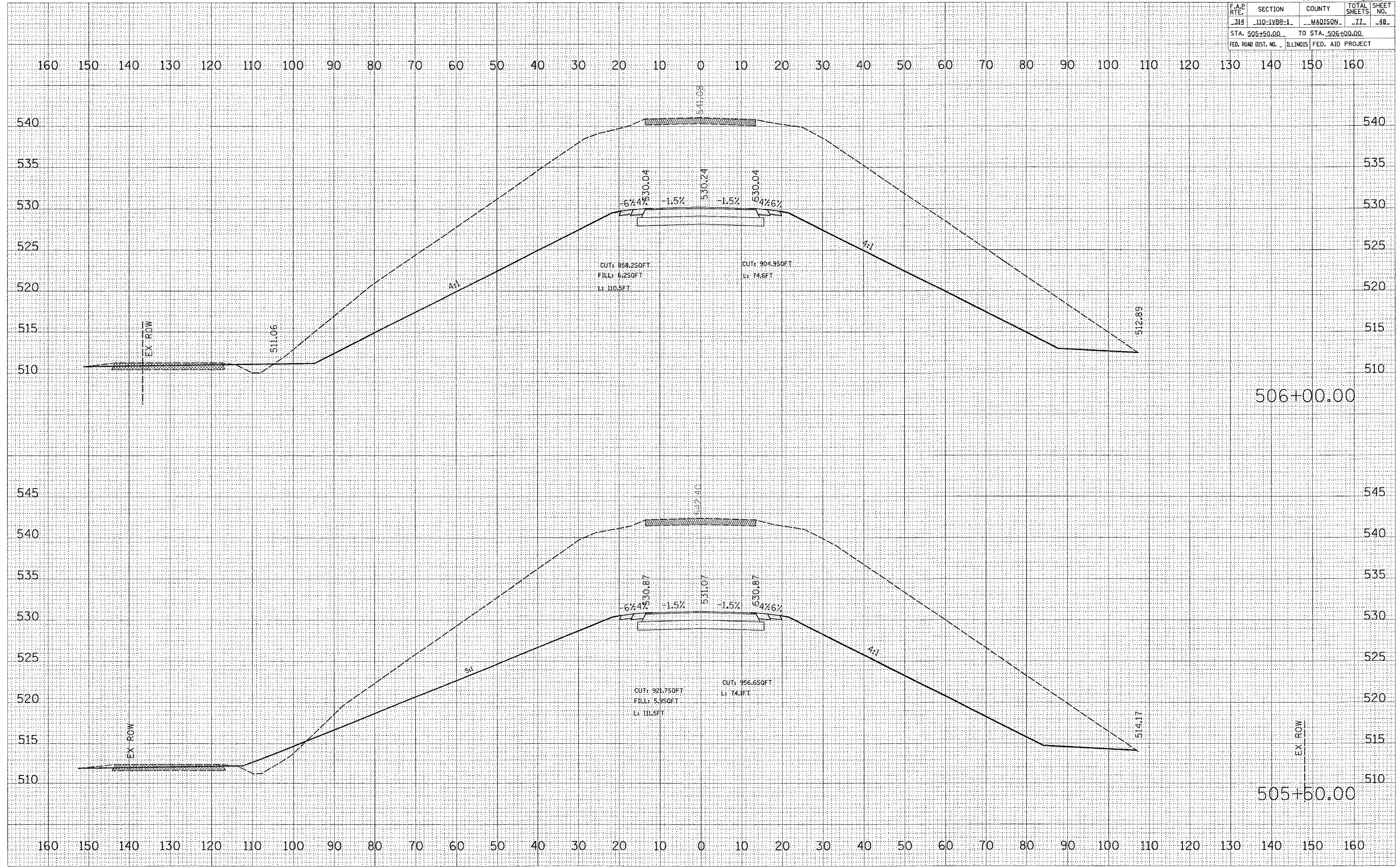
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CONTRACT NO. 76549			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
314	110-1VBB-1	MADISON	77-48
STA. 505+50.00		TO STA. 506+00.00	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	

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DATE	BY
DATE	BY
DATE	BY

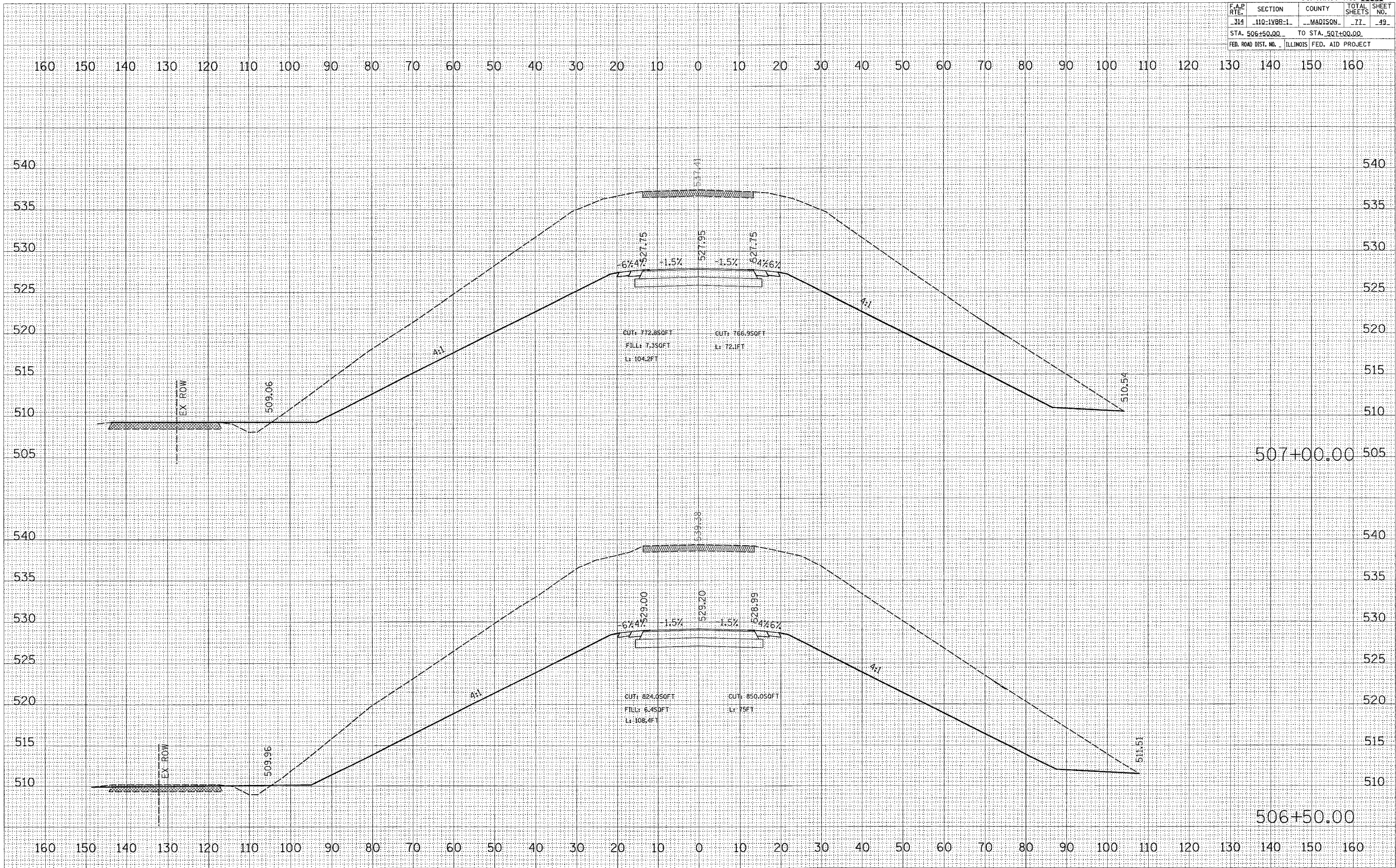
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 USER NAME = MUBERN



MAINLINE

CONTRACT NO. 76549				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA. 506+50.00 TO STA. 507+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



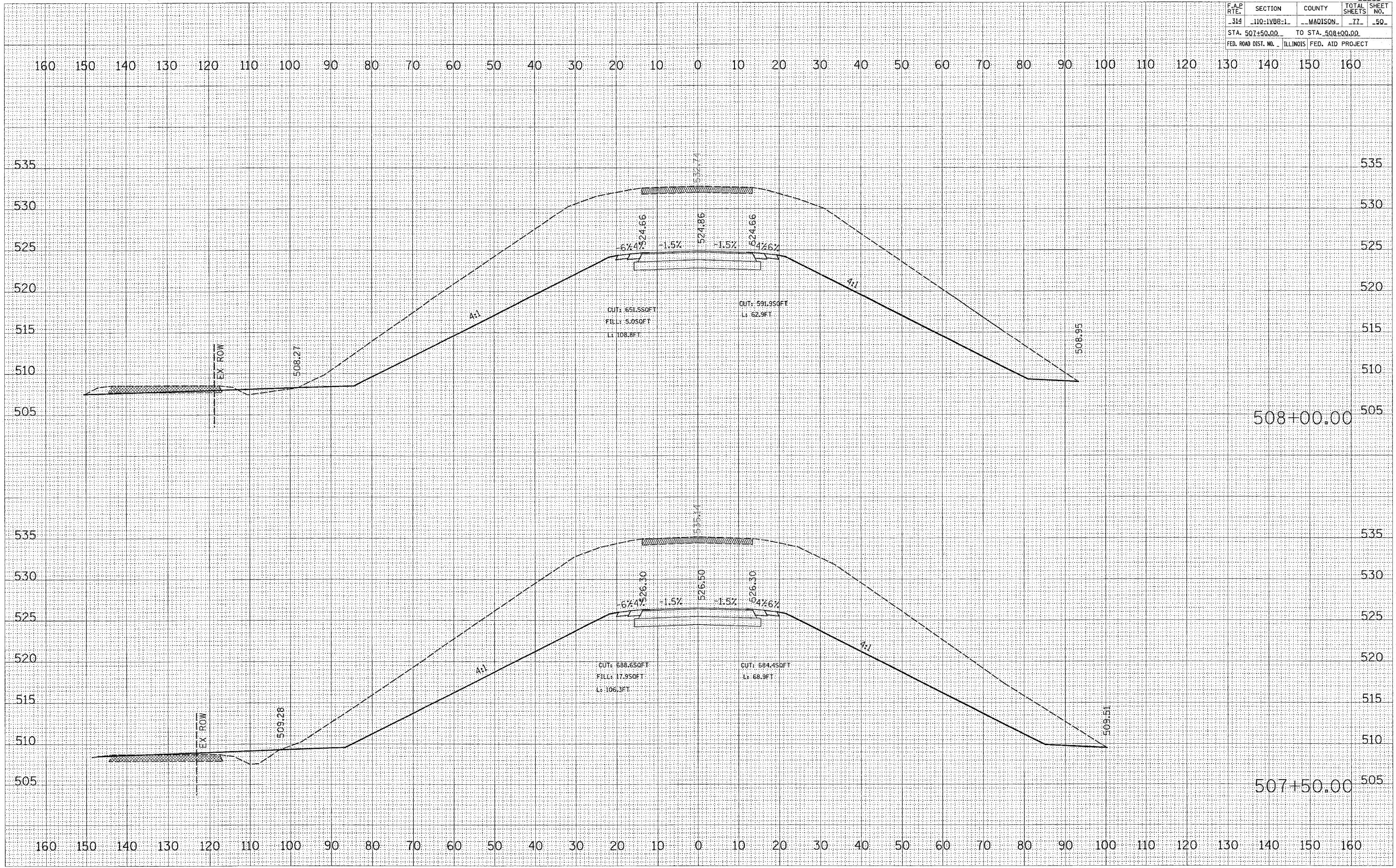
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NOTE BOOK	
TEMPLATE	
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SW	
NO.	

DATE	
BY	
NO.	
AREA CHECKED	
NOTE BOOK	
TEMPLATE	
PL. ED.	
SW	
NO.	

PLOT DATE: 8/27/08
 PLOT SCALE: 1"=40'
 USER NAME: RUSBR

MAINLINE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBB-1	MADISON	77	50
STA. 507+50.00 TO STA. 508+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



DATE: _____ BY: _____

FINAL SURVEY: _____

NOTED: _____

ASKS: _____

LEGAL CHECKED: _____

DATE: _____ BY: _____

ORIGINAL SURVEY: _____

NOTE BOOK: _____

ASKS: _____

LEGAL CHECKED: _____

PLOT DATE = DATE
 FILE NAME = FILE
 USER NAME = USER

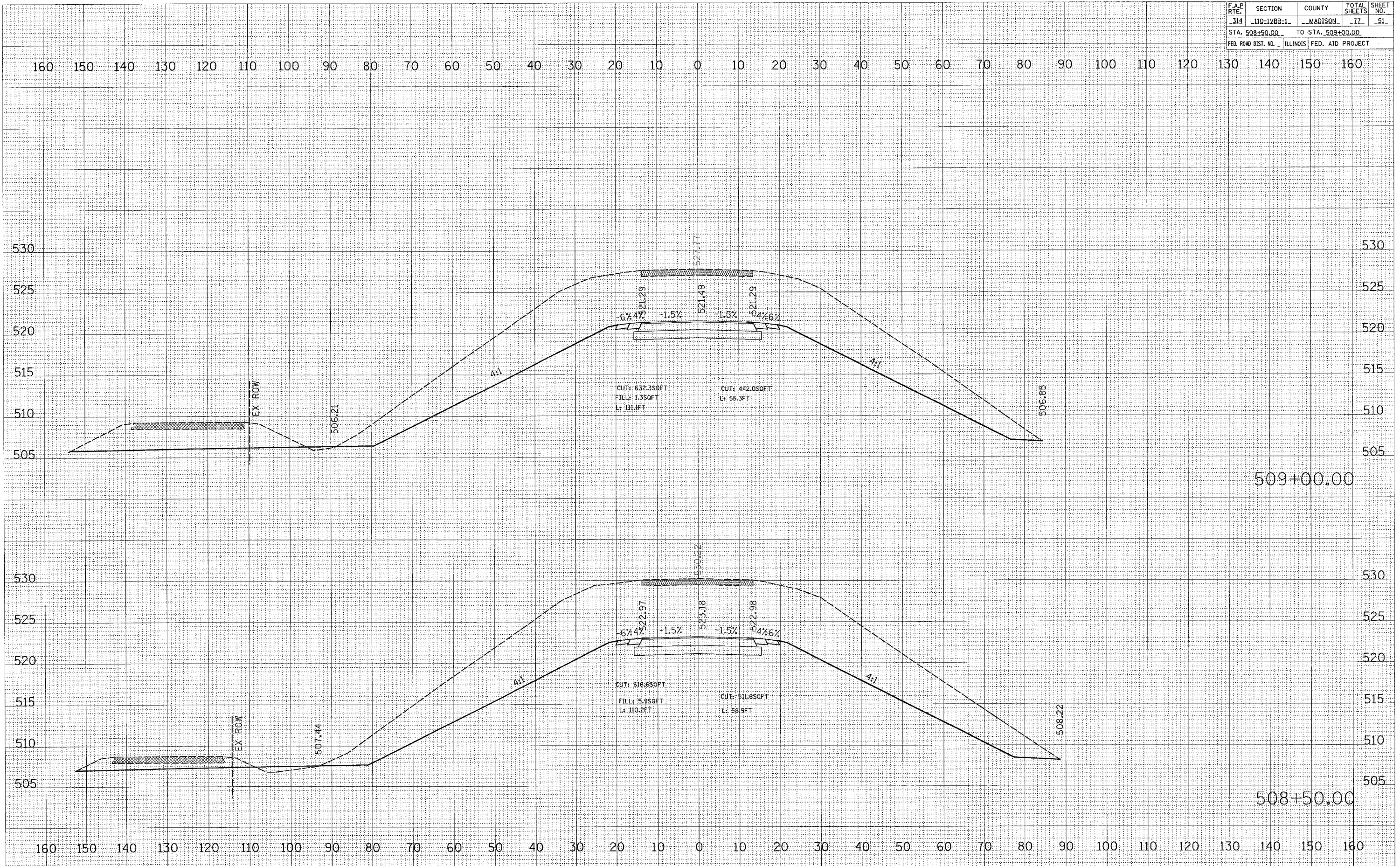
MAINLINE

CONTRACT NO. 76549				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBB-1	MAQUISON	77	51
STA. 508+50.00 TO STA. 509+00.00				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	SURVEYED	BY	DATE
NO.	PLOTTED		
	TEMP. DATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NO.	PLOTTED		
	TEMP. DATE		
	AREAS CHECKED		

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



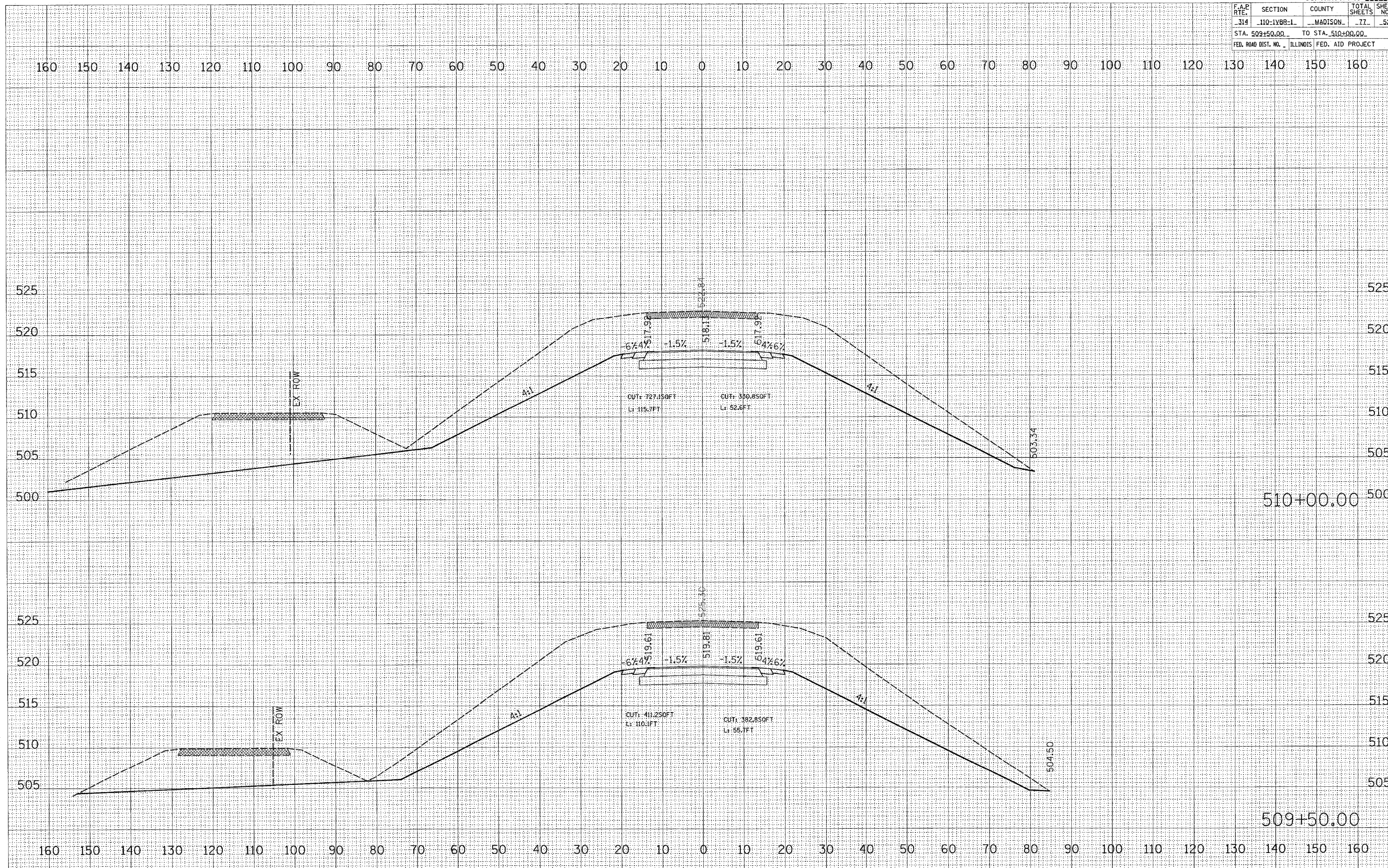
MAINLINE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1V88-1	MADISON	77	52
STA. 509+50.00		TO STA. 510+00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

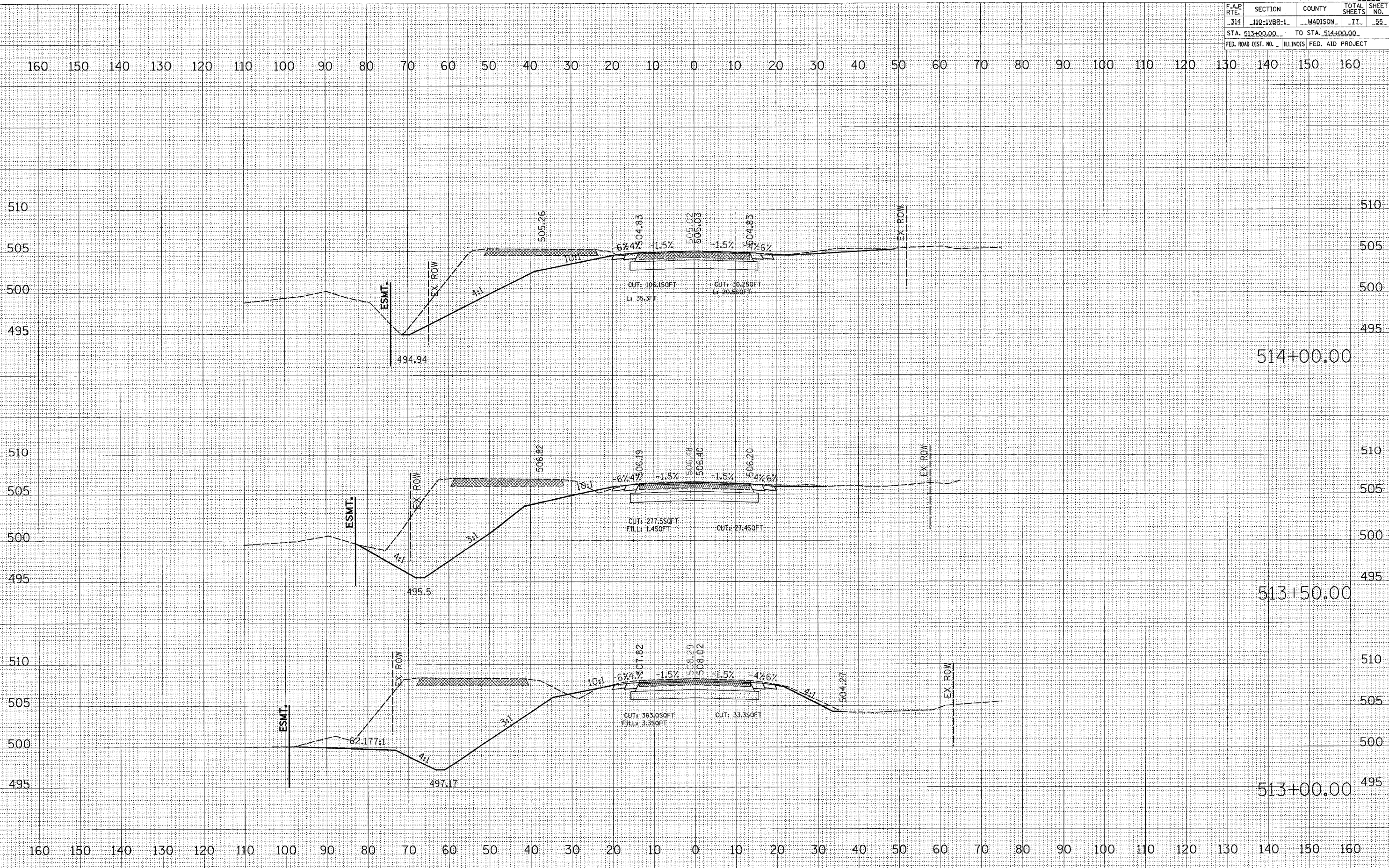
DATE	
BY	
REVISIONS	
NO.	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	
AREAS CHECKED	

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



MAINLINE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBB-1	MADISON	77	55
STA. 513+00.00		TO STA. 514+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



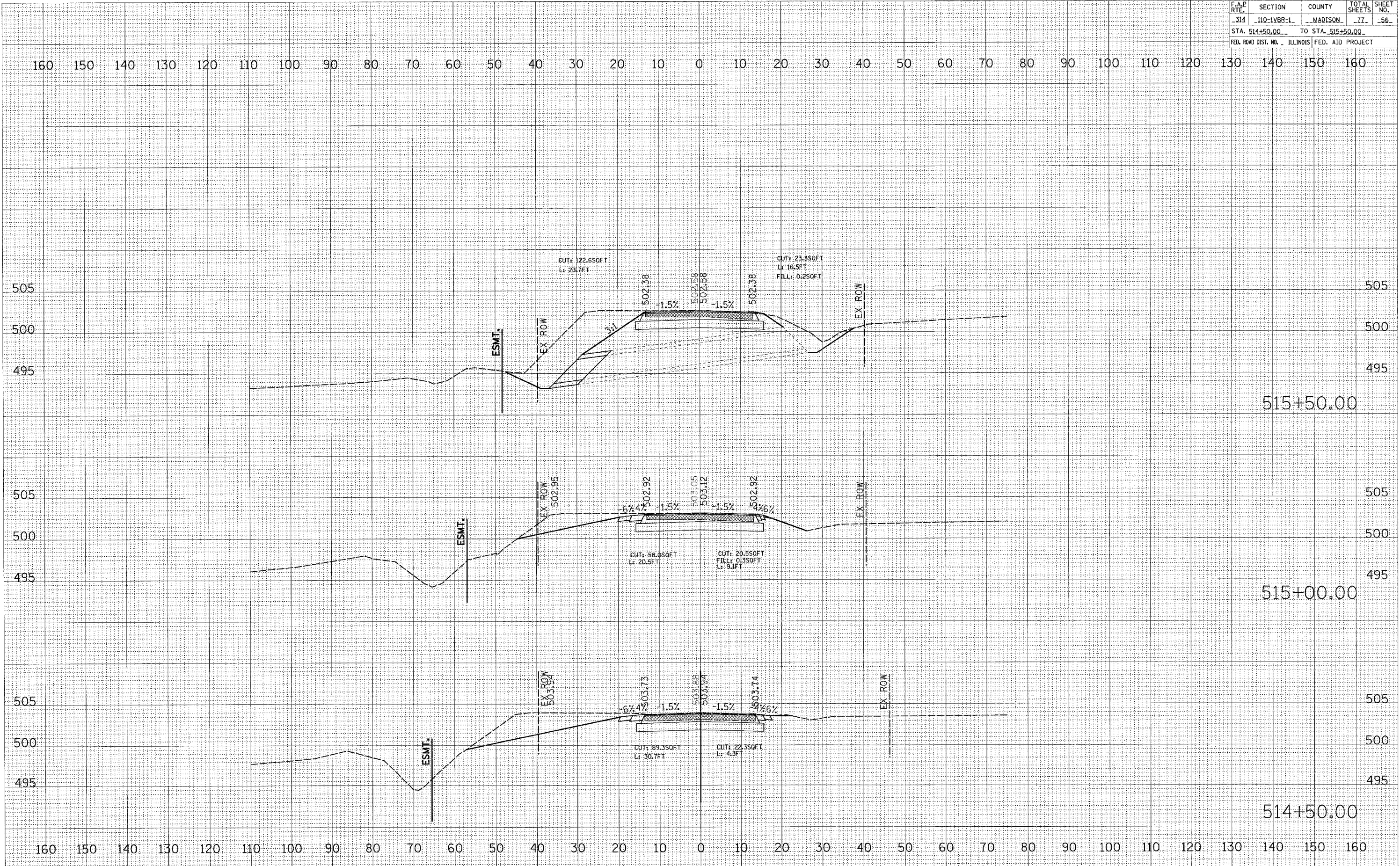
DATE _____ BY _____
 DATE _____ BY _____
 DATE _____ BY _____
 DATE _____ BY _____

DATE _____ BY _____
 DATE _____ BY _____
 DATE _____ BY _____
 DATE _____ BY _____

DATE _____ BY _____
 DATE _____ BY _____
 DATE _____ BY _____
 DATE _____ BY _____

MAINLINE

CONTRACT NO. 76549				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	56
STA. 514+50.00 TO STA. 515+50.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



BY _____ DATE _____

NO. _____

FINAL SURVEY PLOTTED

NOTE BOOK

AREAS CHECKED

BY _____ DATE _____

NO. _____

ORIGINAL SURVEY PLOTTED

NOTE BOOK

AREAS CHECKED

PLOT DATE = 8/24/83

FILE NAME = #FILE#

USER NAME = #USER#

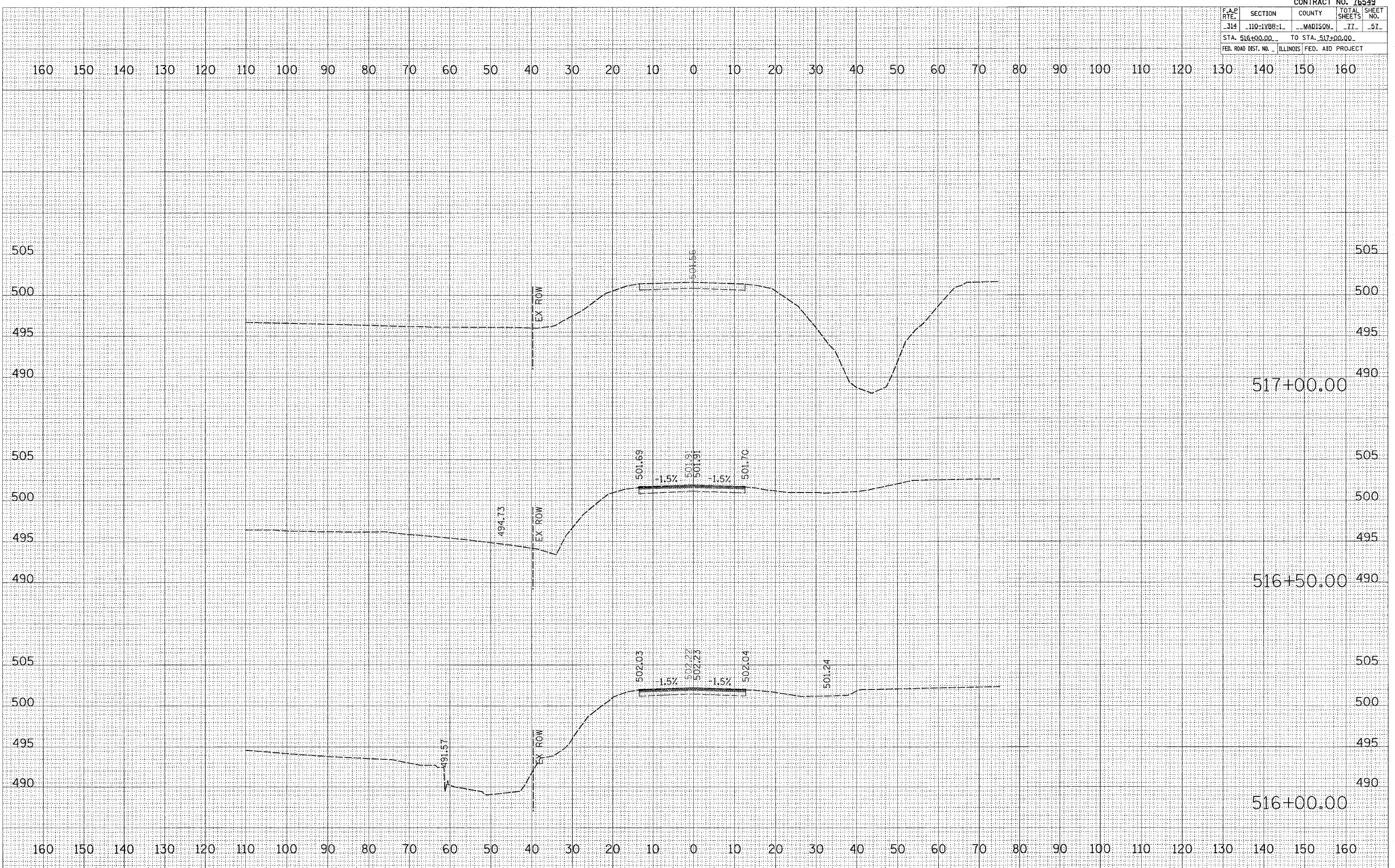
MAINLINE

CONTRACT NO. 76549				
F.A.E. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBB-1	MADISON	77	57
STA. 516+00.00		TO STA. 517+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY	DATE

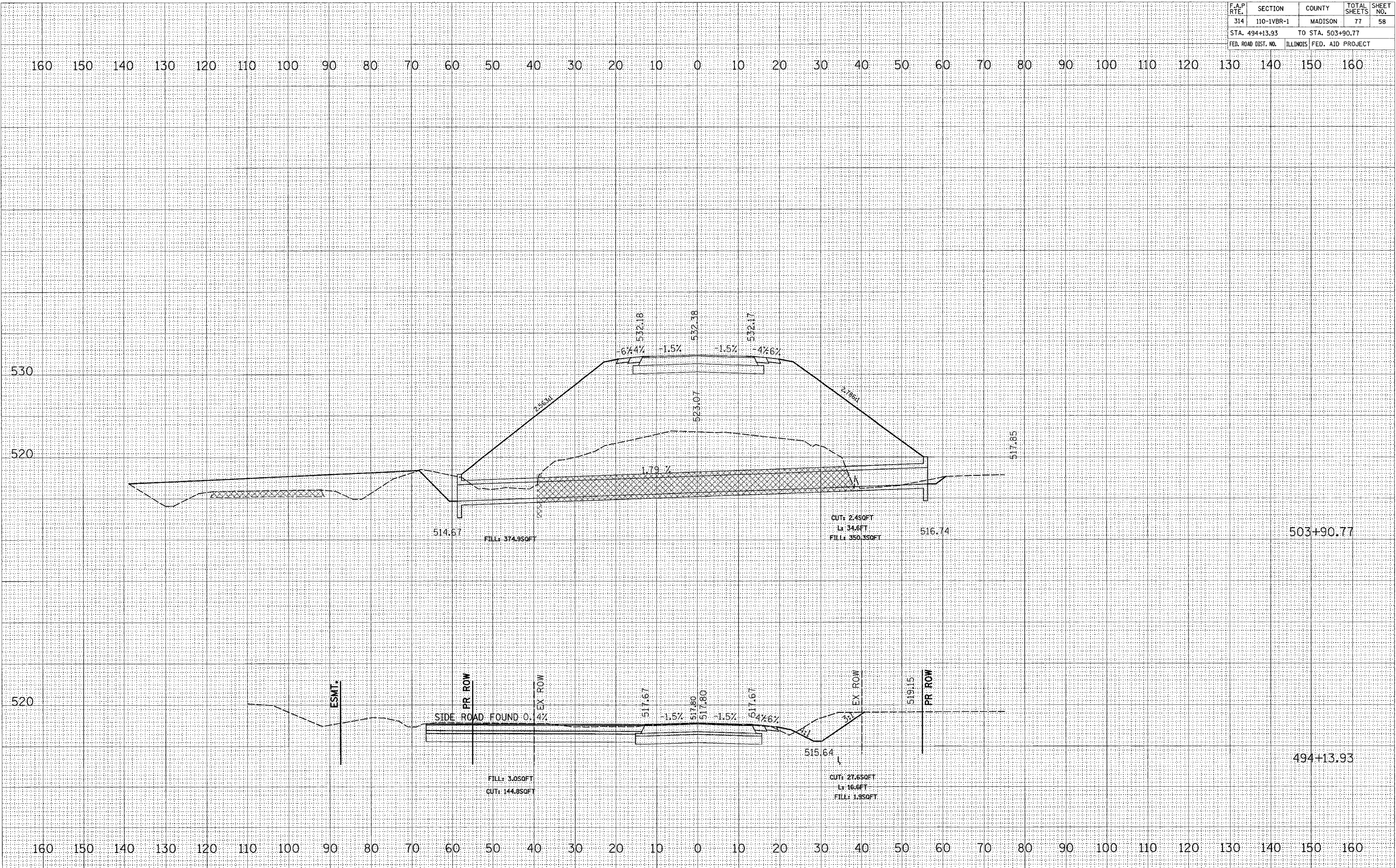
BY	DATE

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



MAINLINE

CONTRACT NO. 76549			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
314	110-1VBR-1	MADISON	77 58
STA. 494+13.93		TO STA. 503+90.77	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	



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

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

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

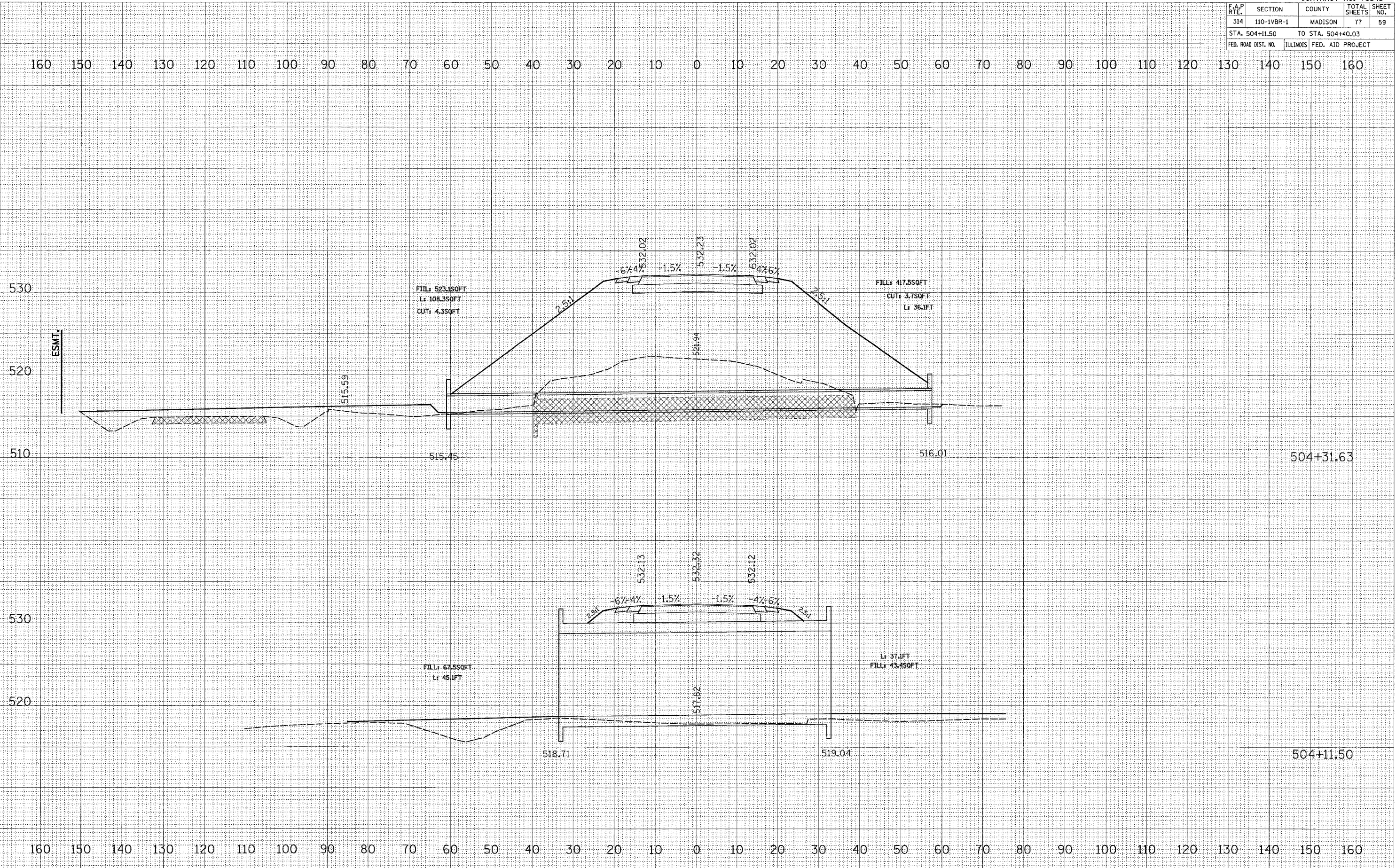
CULVERTS & ENTRANCES ON MAINLINE

CONTRACT NO. 76549				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	59
STA. 504+11.50		TO STA. 504+40.03		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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

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



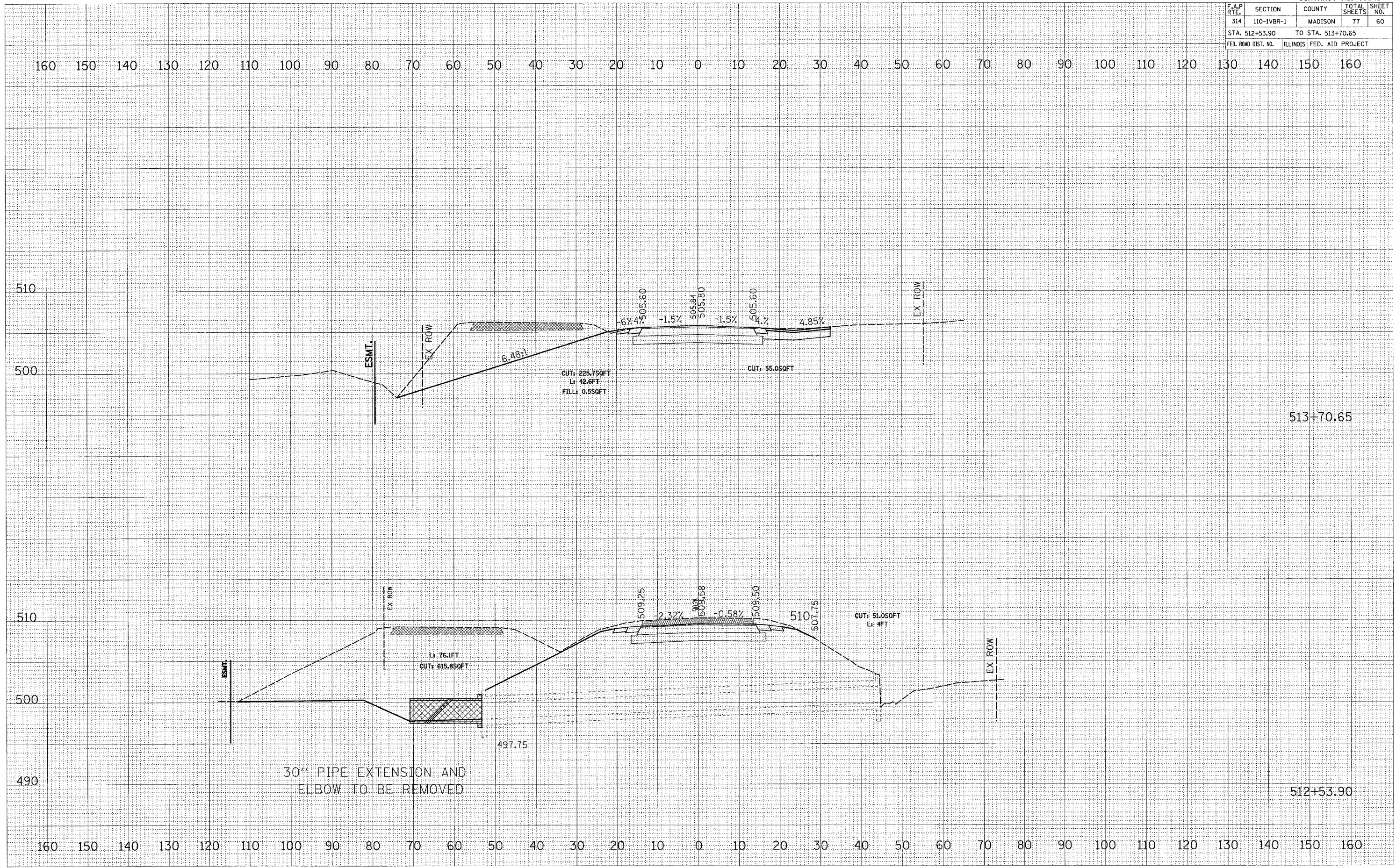
CULVERTS & ENTRANCES ON MAINLINE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	60
STA. 512+53.90		TO STA. 513+70.65		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	
BY	
DESIGNED	
PLOTTED	
TEMPLATE	
AREAS	
CREATED	
NO.	

DATE	
BY	
DESIGNED	
PLOTTED	
TEMPLATE	
AREAS	
CREATED	
NO.	

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



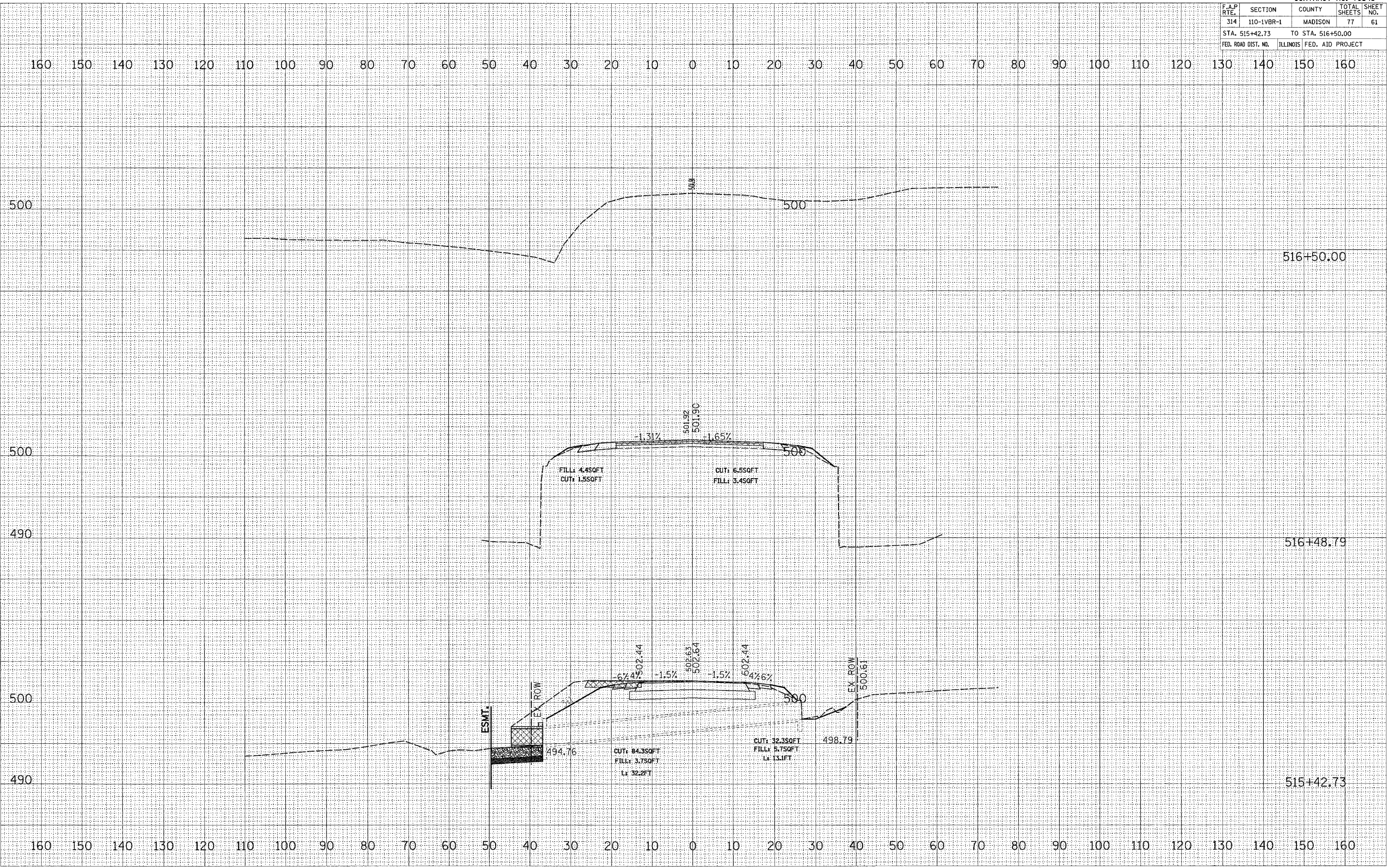
CULVERTS & ENTRANCES ON MAINLINE

CONTRACT NO. 76549				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	61
STA. 515+42.73		TO STA. 516+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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

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



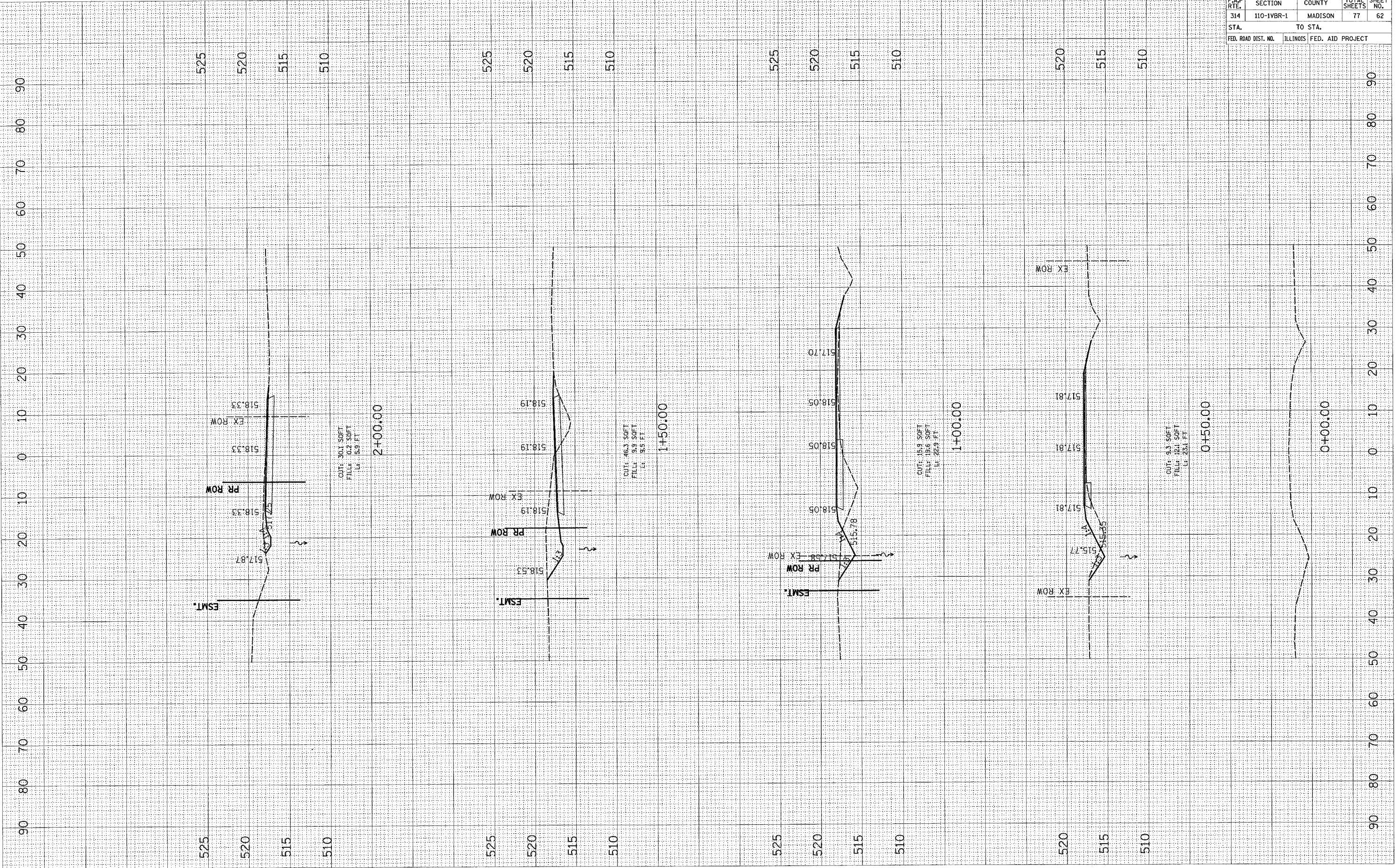
CULVERTS & ENTRANCES ON MAINLINE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	62
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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

PLOT DATE * DATE *
 FILE NAME * FILENAME *
 PLOT SCALE * SCALE *
 USER NAME * USERNAME *

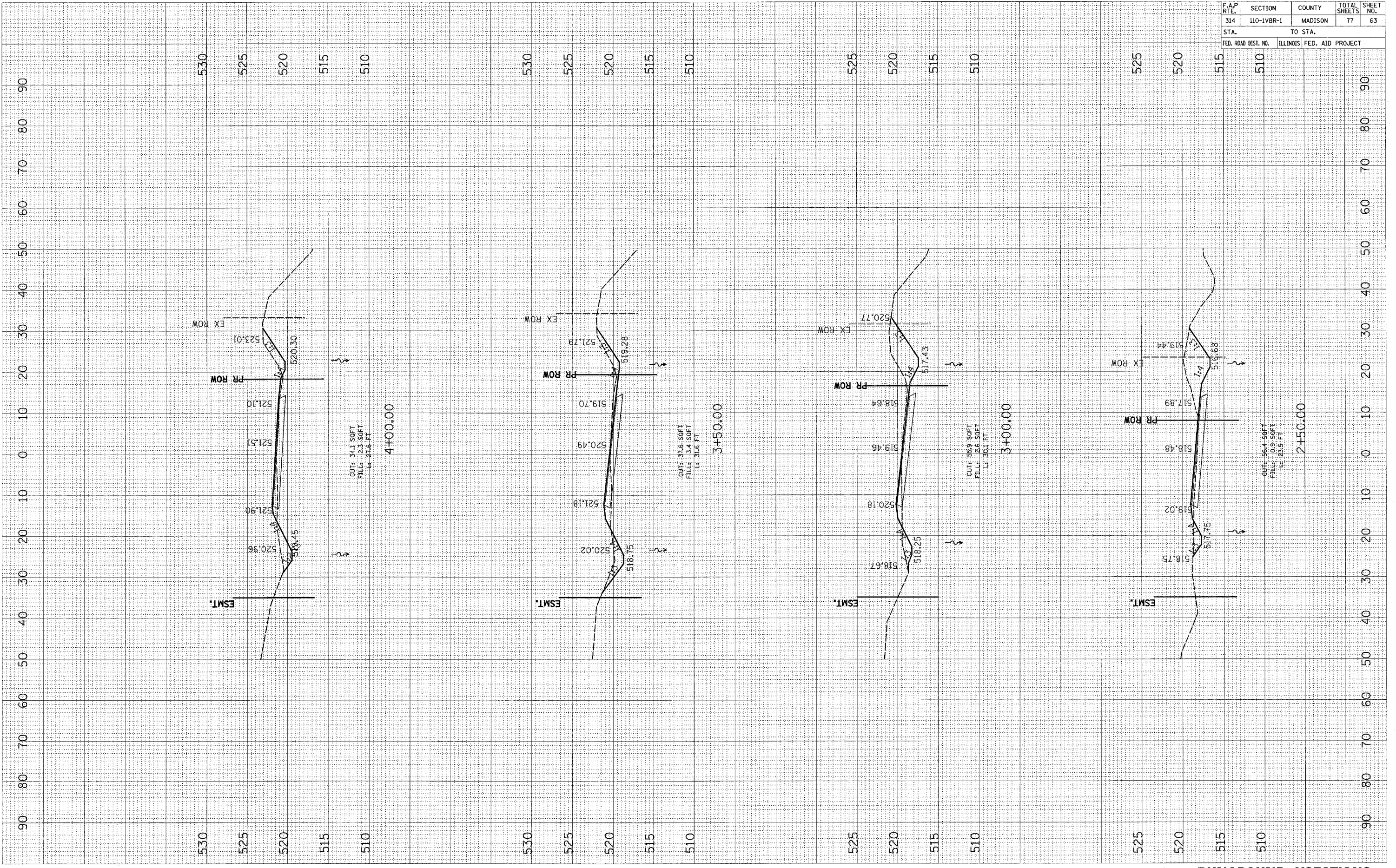


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	63
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY
 SURVEYED
 PLOTTED
 NOTE BOOK
 AREAS CHECKED
 NO.

ORIGINAL SURVEY
 SURVEYED
 PLOTTED
 NOTE BOOK
 AREAS CHECKED
 NO.

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



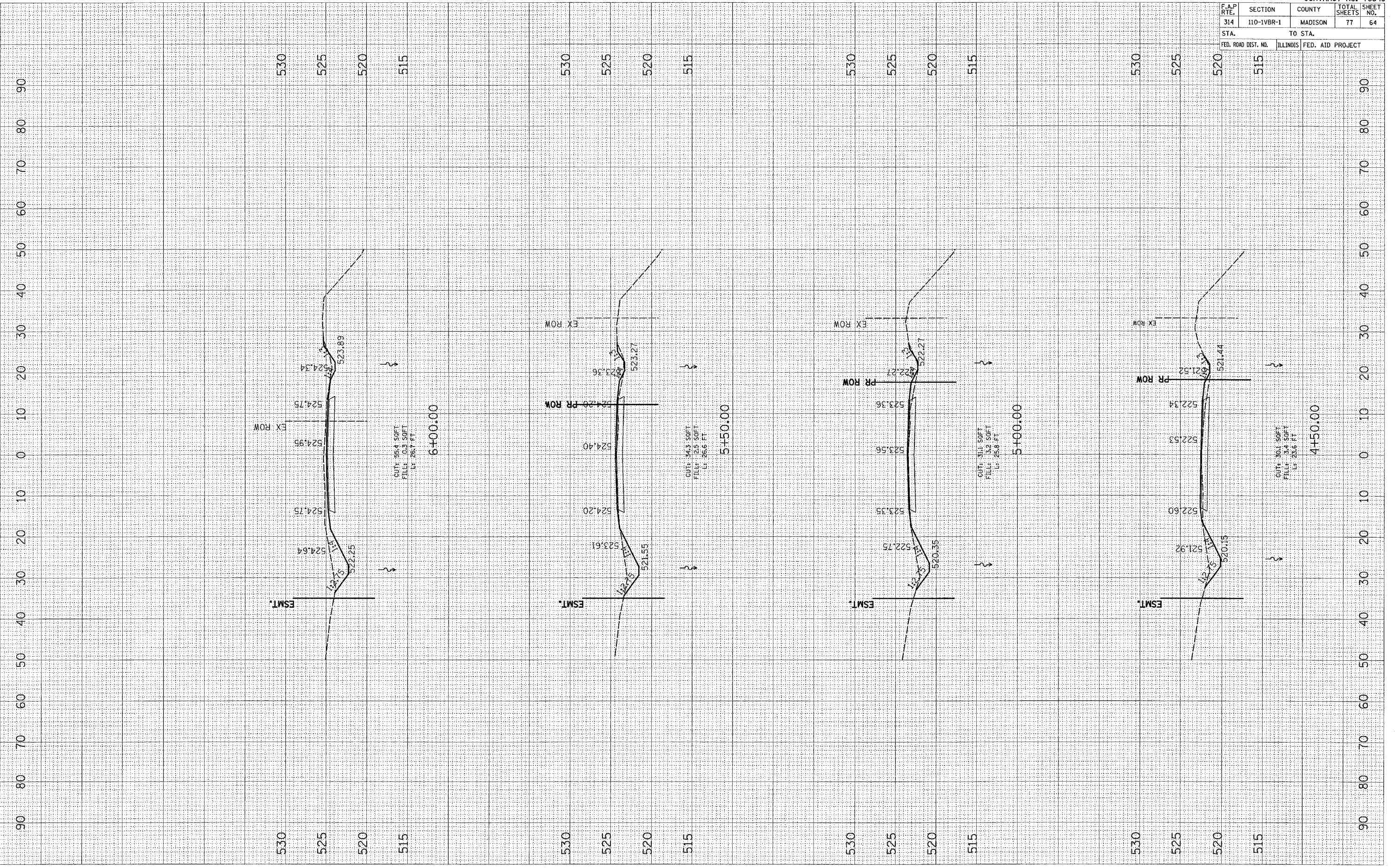
RUNAROUND XSECTIONS

PLOT DATE = 04/28/09
 FILE NAME = 110-1VBR-1
 PLOT SCALE = 1"=40'
 USER NAME = RUSSELL

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

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

CONTRACT NO. 76549				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	64
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



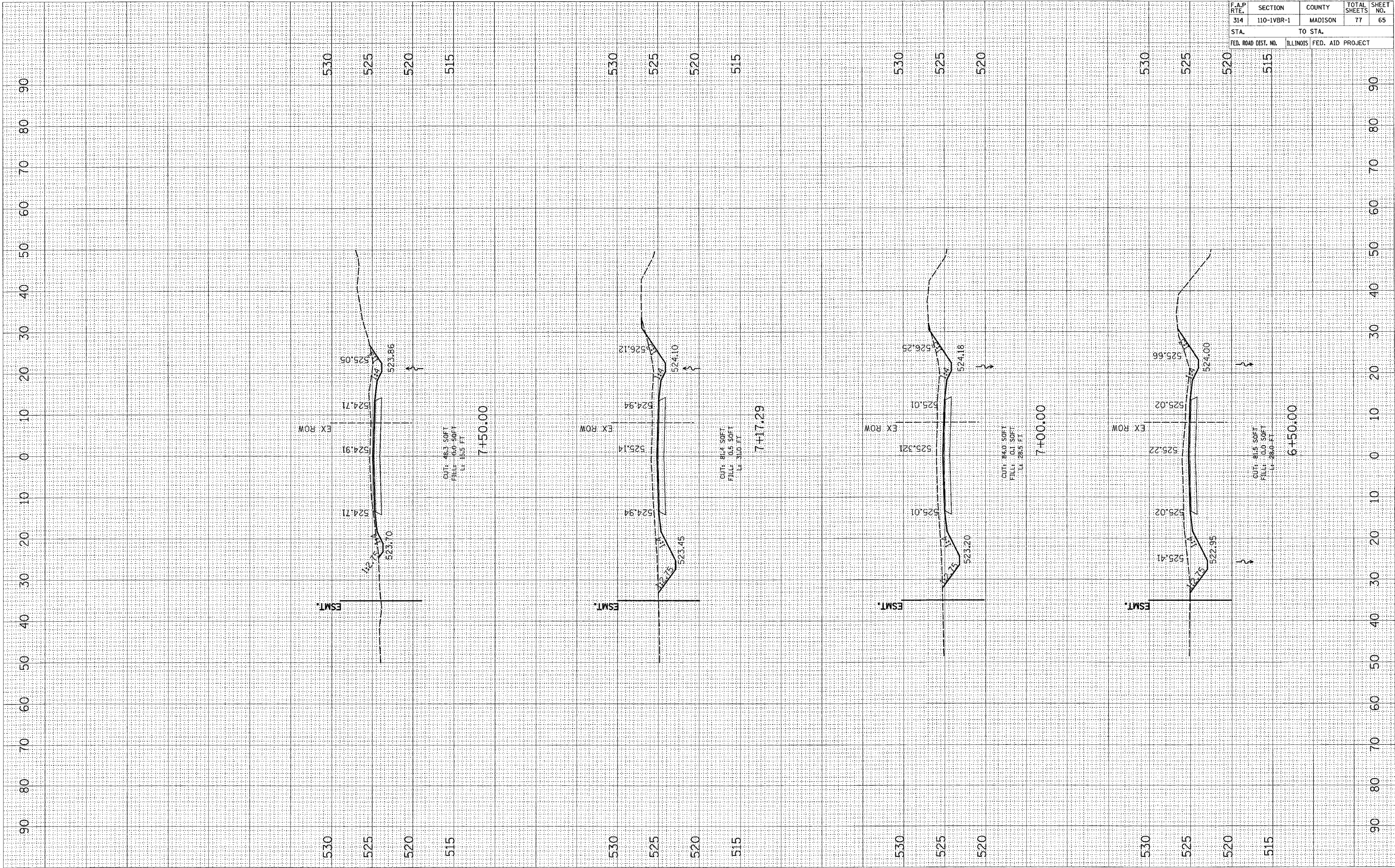
RUNAROUND XSECTIONS

PLOT DATE = 8/27/83
 FILE NAME = 830411
 PLOT SCALE = 830411
 USER NAME = 830411

ORIGINAL SURVEY PLOT
 SURV. ?
 PLOT DATE
 NOTE BOOK NO.
 AREAS CHECKED

FINAL SURVEY PLOT
 SURVEYED
 PLOTTED
 NOTE BOOK NO.
 AREAS CHECKED

BY
 DATE



RUNAROUND XSECTIONS

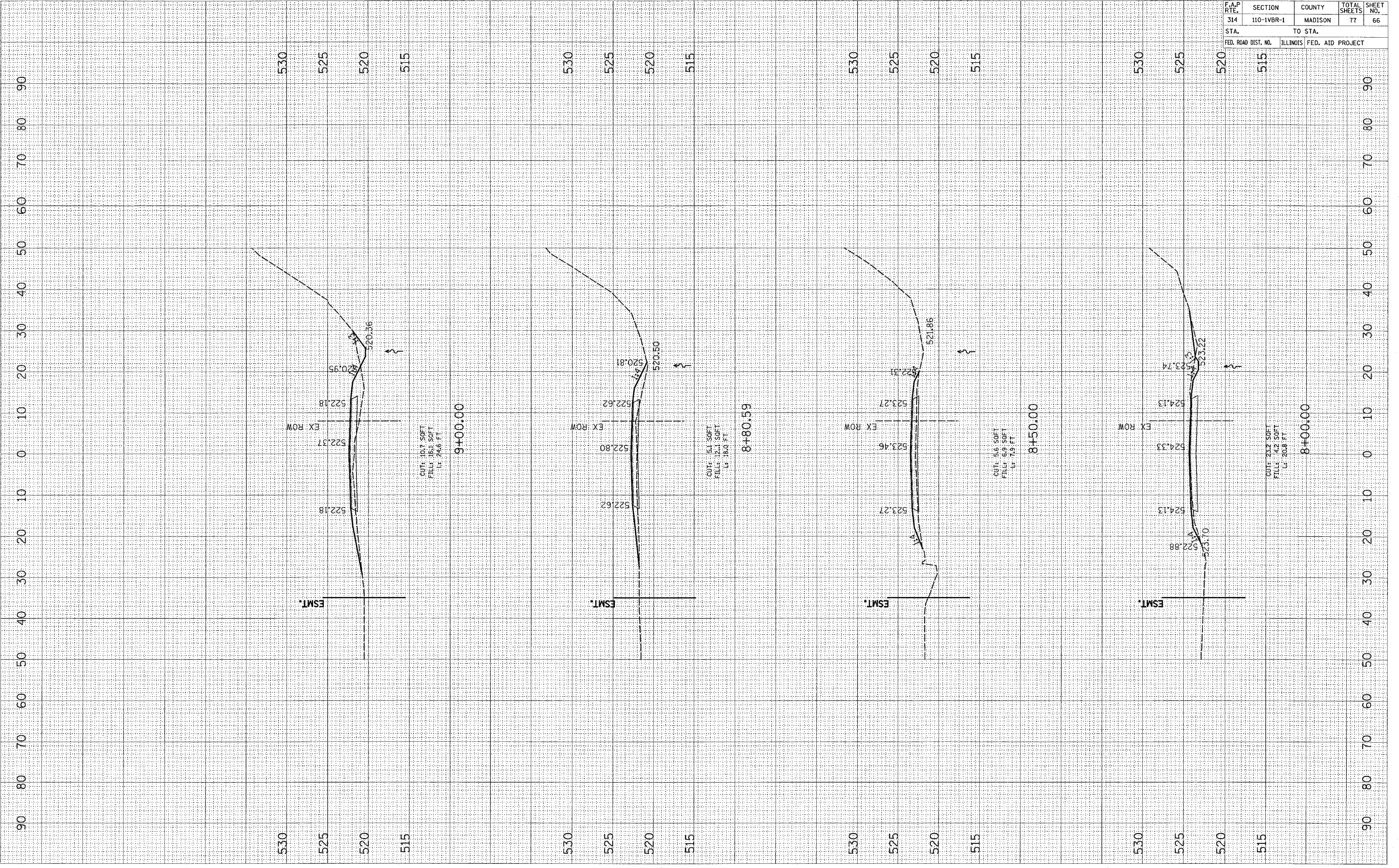
CONTRACT NO. 76549				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	65
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	66
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	BY	DATE
NOTE BOOK		
TEMPLATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
NOTE BOOK		
TEMPLATE		
AREAS		
AREAS CHECKED		

PLOT DATE = 04/28/88
 FILE NAME = 87FILEL
 PLOT SCALE = 8SCALE
 USER NAME = MUSENB



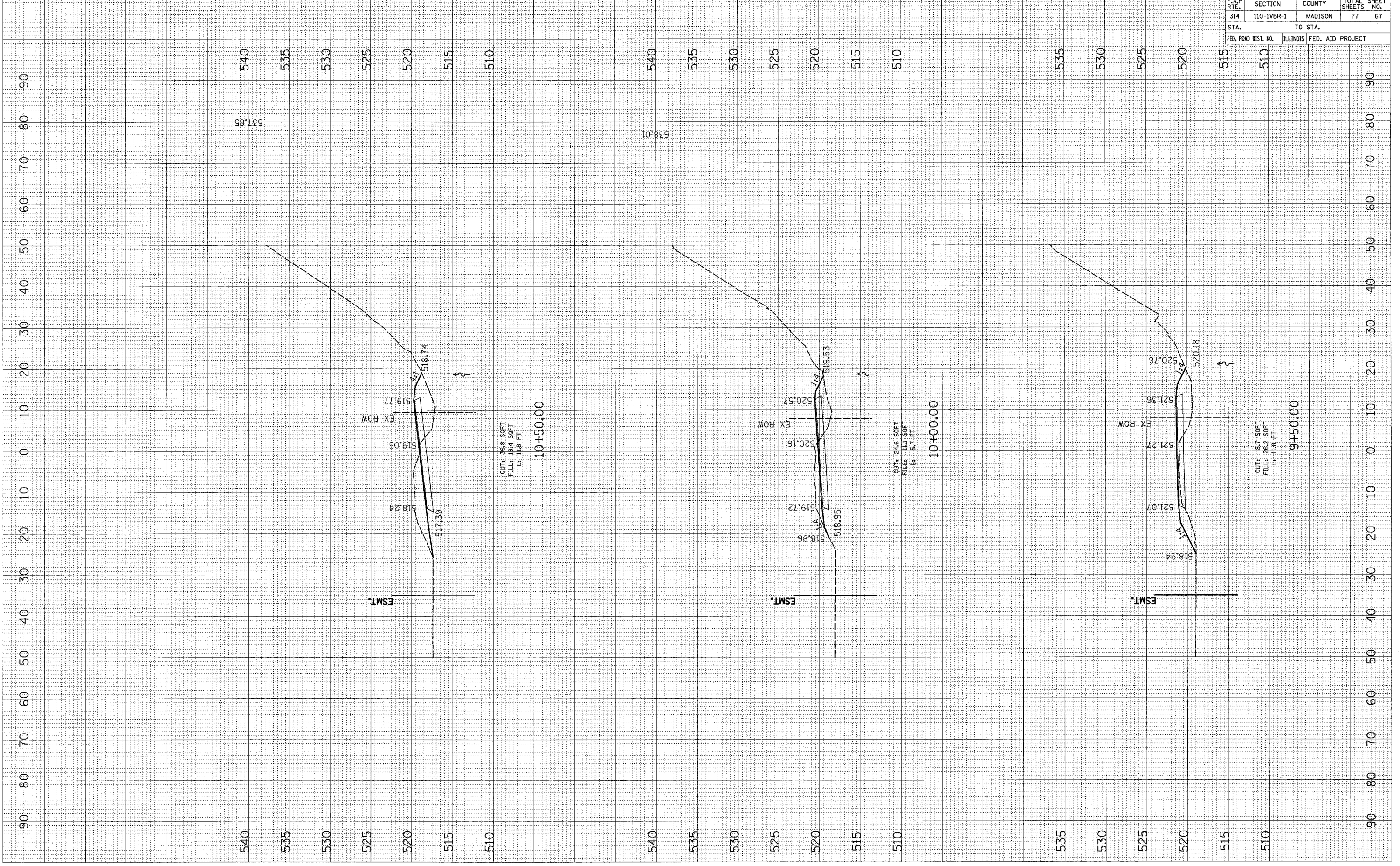
RUNAROUND XSECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	67
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

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

PLOT DATE = 08/25/04
 FILE NAME = #11414
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

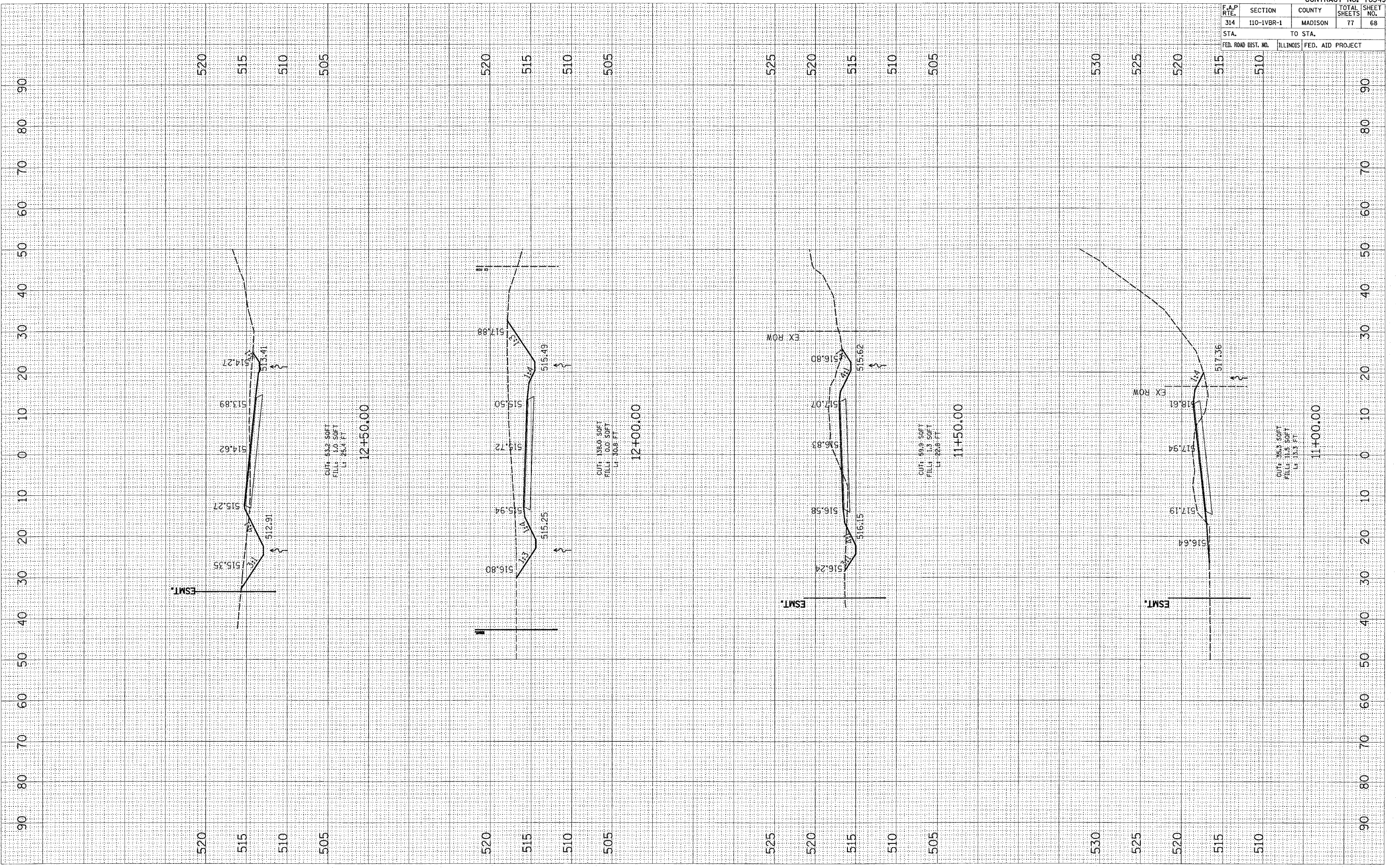


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	68
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY FROM SURVEY NO. _____ BY _____ DATE _____
 NOTE BOOK NO. _____ AREAS CHECKED _____

ORIGINAL SURVEY FROM SURVEY NO. _____ BY _____ DATE _____
 NOTE BOOK NO. _____ AREAS CHECKED _____

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



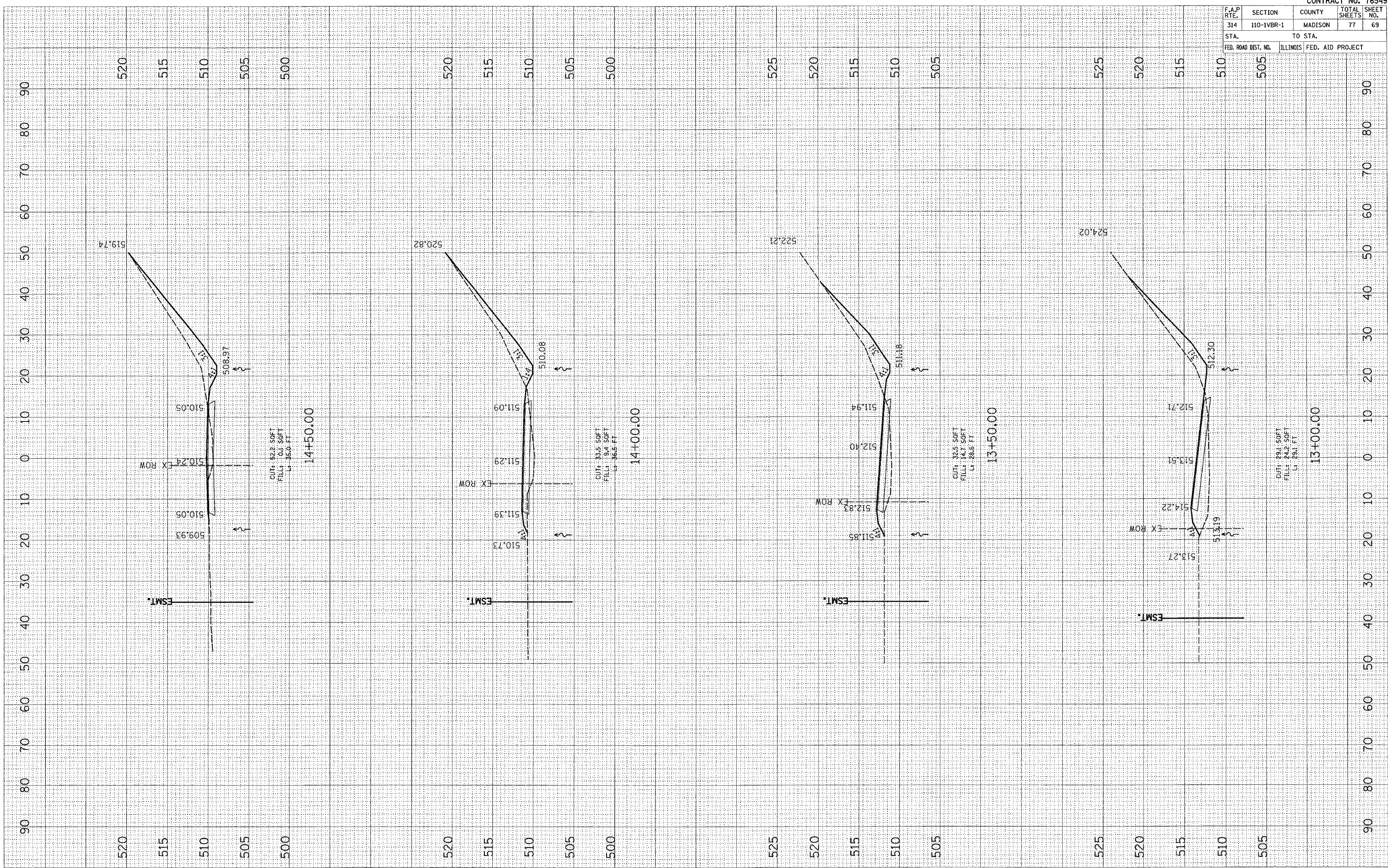
RUNAROUND XSECTIONS

PLOT DATE = DATE*
 PLOT SCALE = ASCALE*
 USER NAME = USER*

ORIGINAL SURVEY PLOTTED RECALCULATED
 NOTE BOOK NO. AREAS CHECKED

FINAL SURVEY PLOTTED RECALCULATED
 NOTE BOOK NO. AREAS CHECKED

BY: _____ DATE: _____



RUNAROUND XSECTIONS

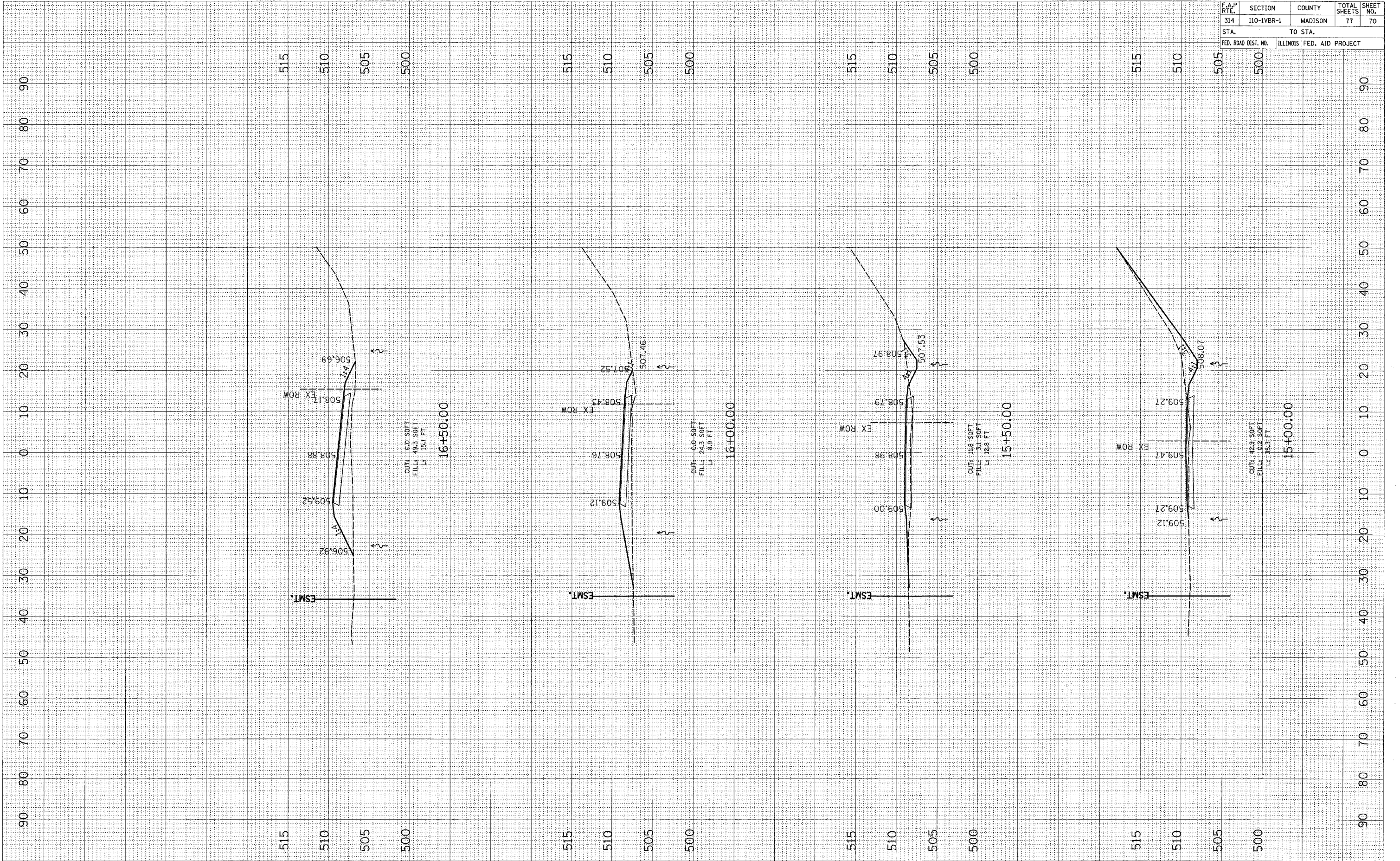
CONTRACT NO. 76549				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	69
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	70
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

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

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



RUNAROUND XSECTIONS

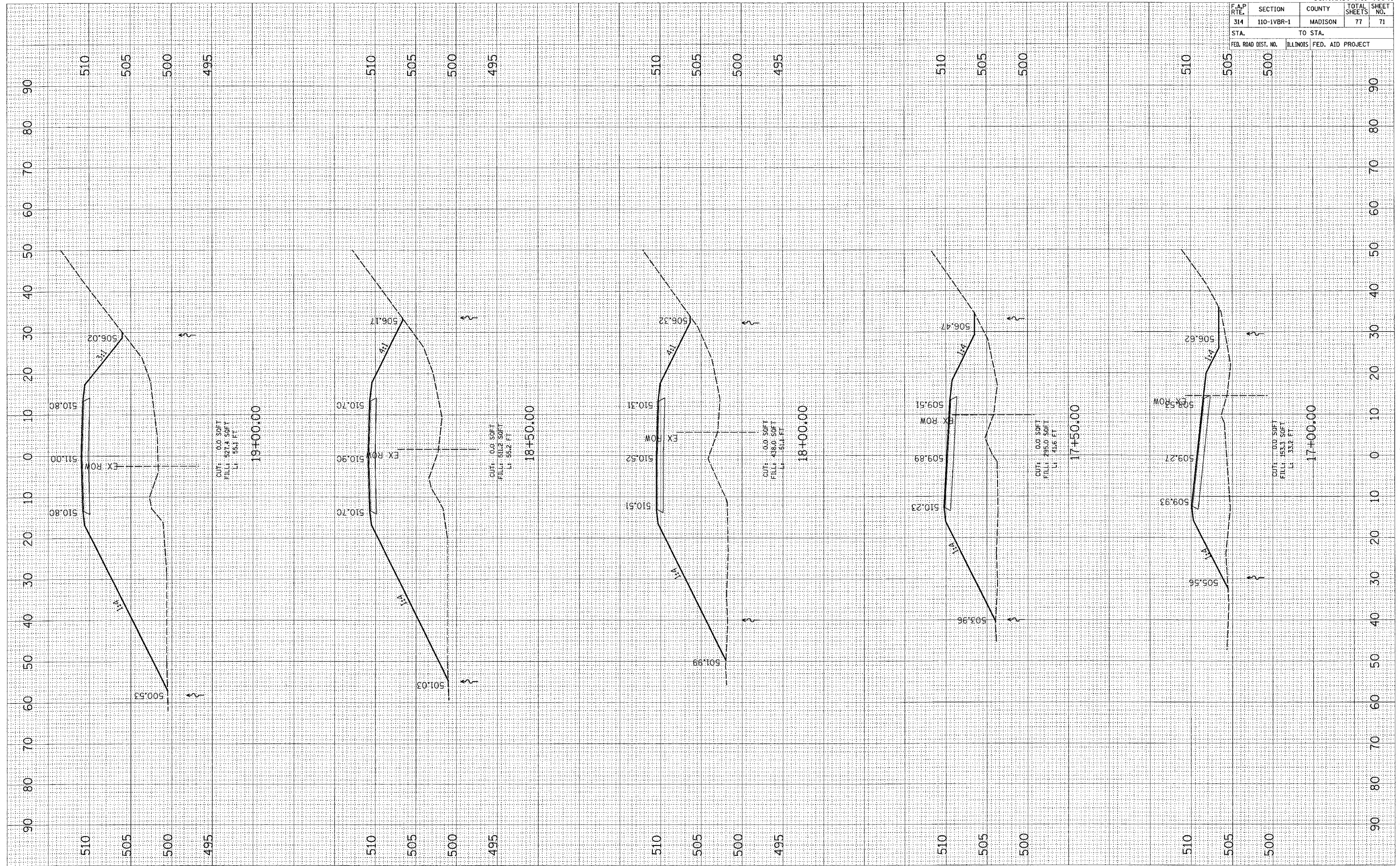
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-IVBR-1	MADISON	77	71

STA.	TO STA.
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

FINAL SURVEY	REVISIONS	BY	DATE
NO. _____	NO. _____	_____	_____

ORIGINAL SURVEY	REVISIONS	BY	DATE
NO. _____	NO. _____	_____	_____

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



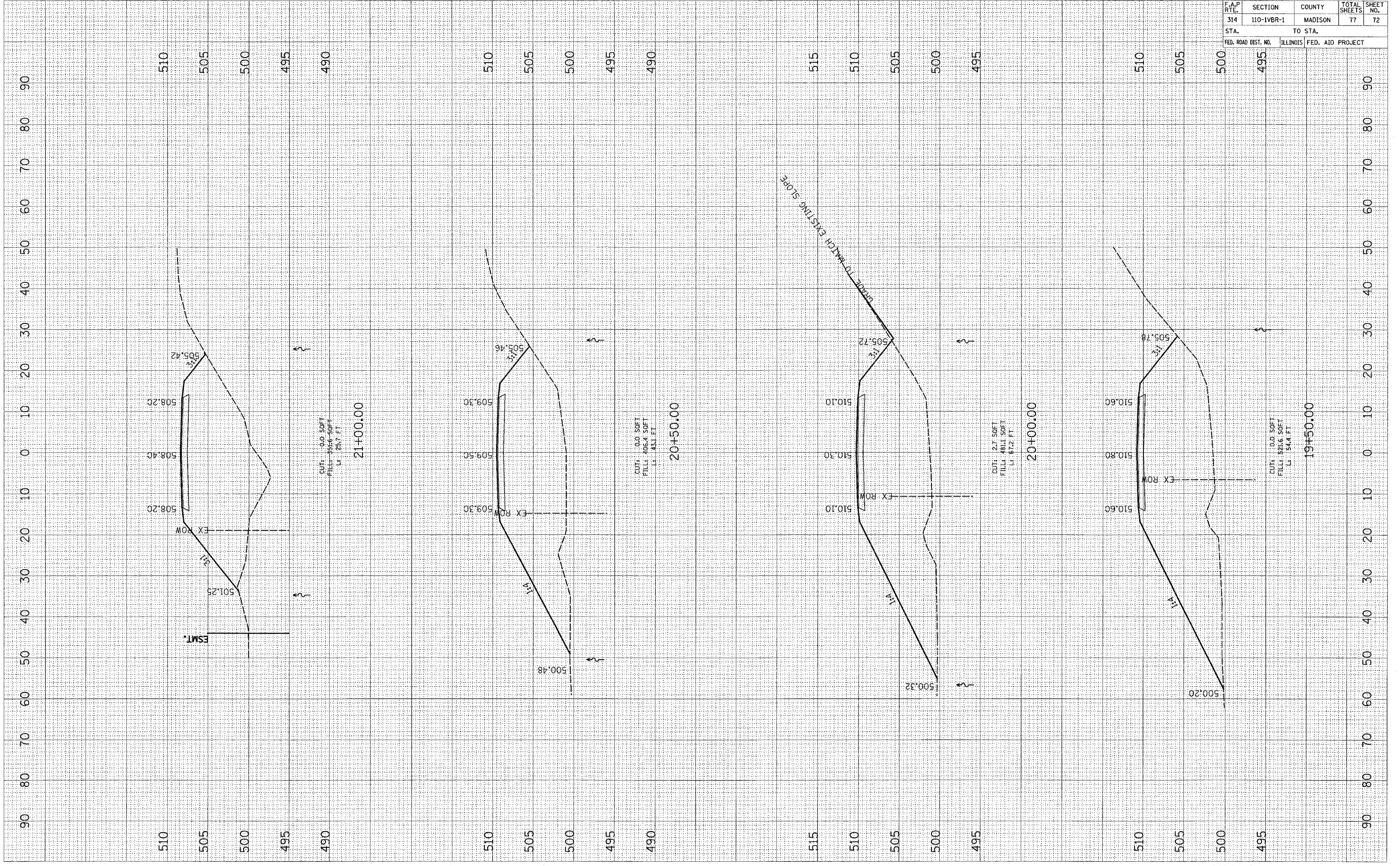
RUNAROUND XSECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-IVBR-1	MADISON	77	72
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
SURV. D.		
PLOTT. J.		
NOTE BOOK		
AREAS CHECKED		

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



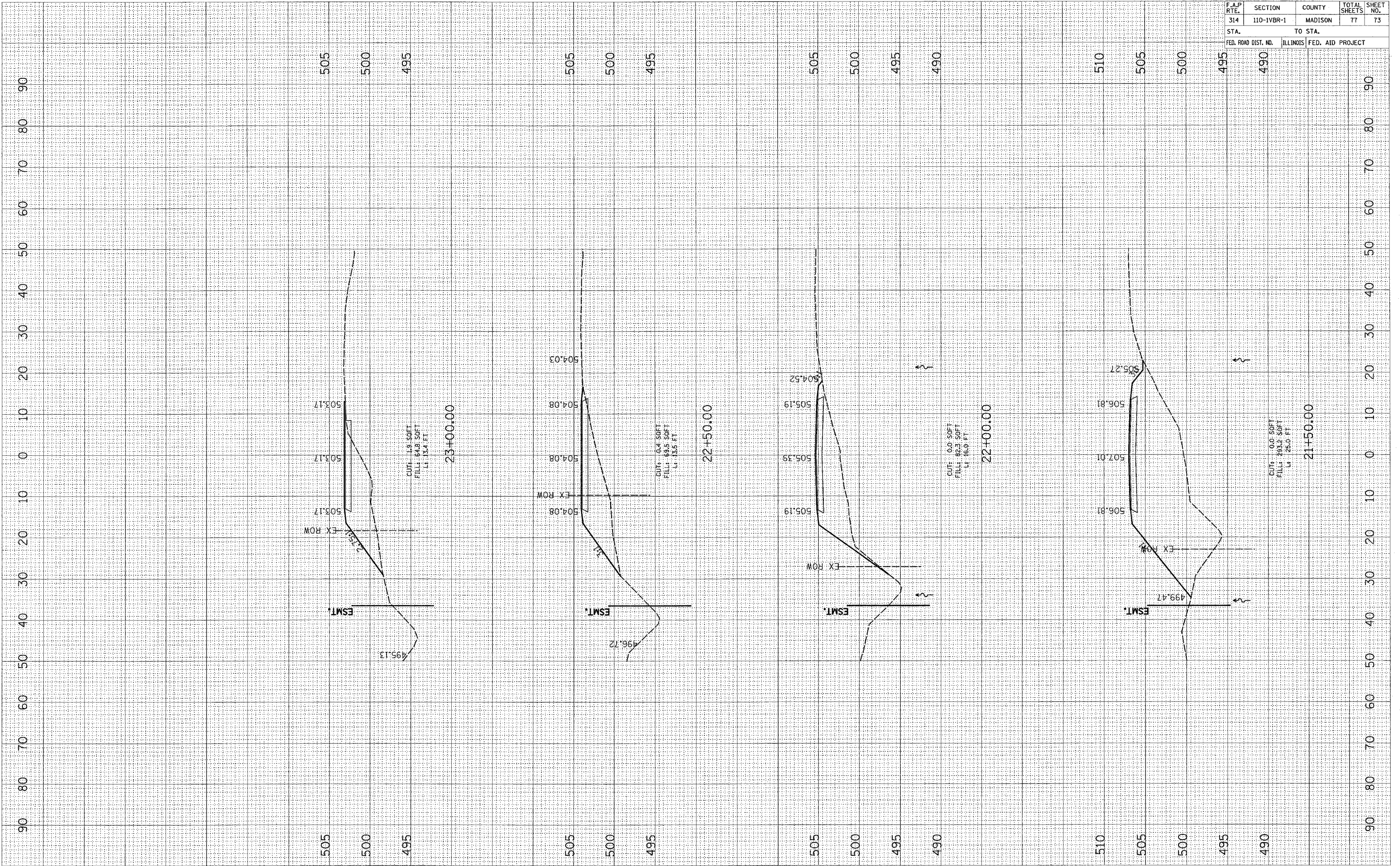
RUNAROUND XSECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	73
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

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

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

PLOT DATE = DATE
 FILE NAME = FILEL
 PLOT SCALE = SCALE
 USER NAME = USER



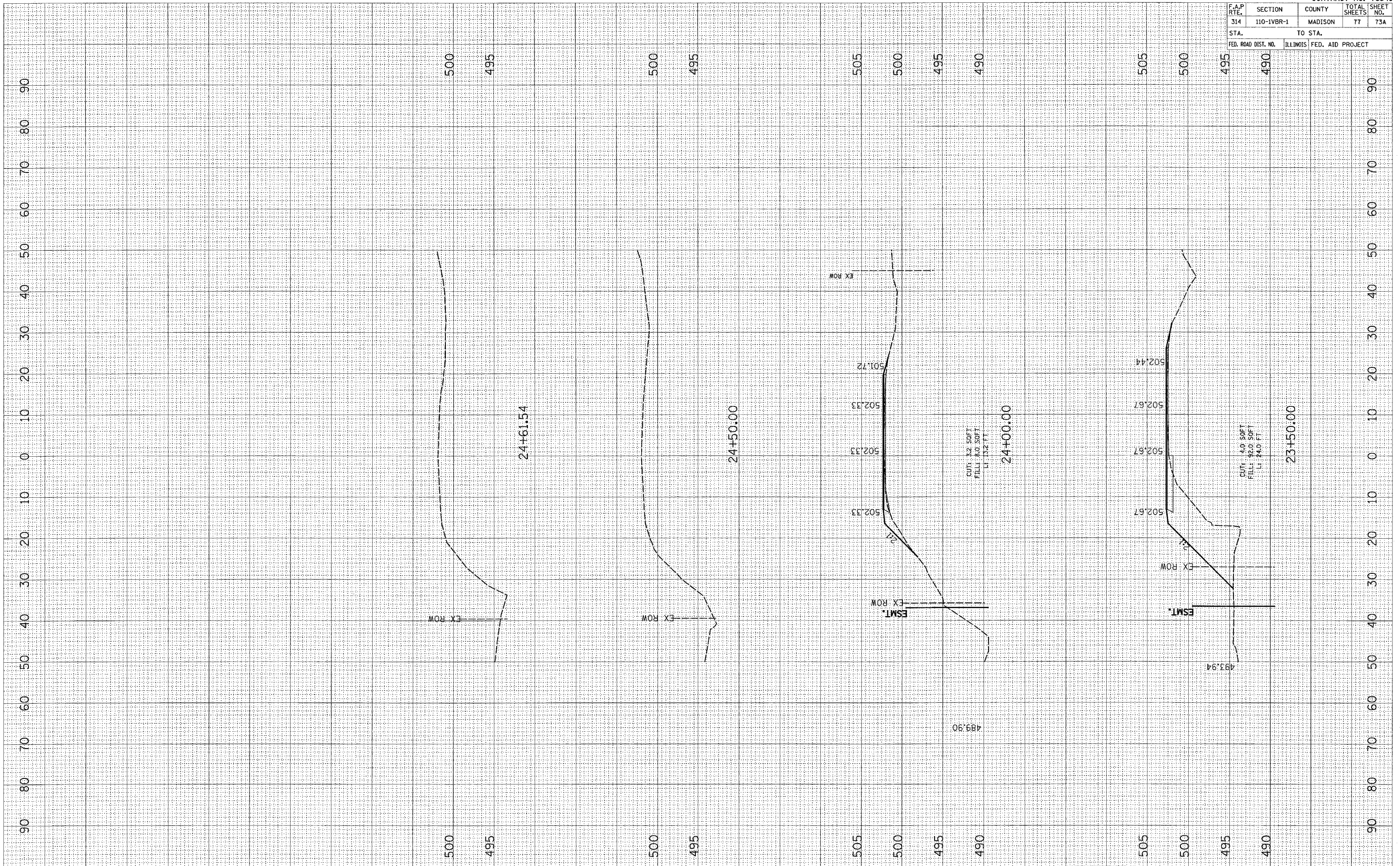
RUNAROUND XSECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	73A
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

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

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

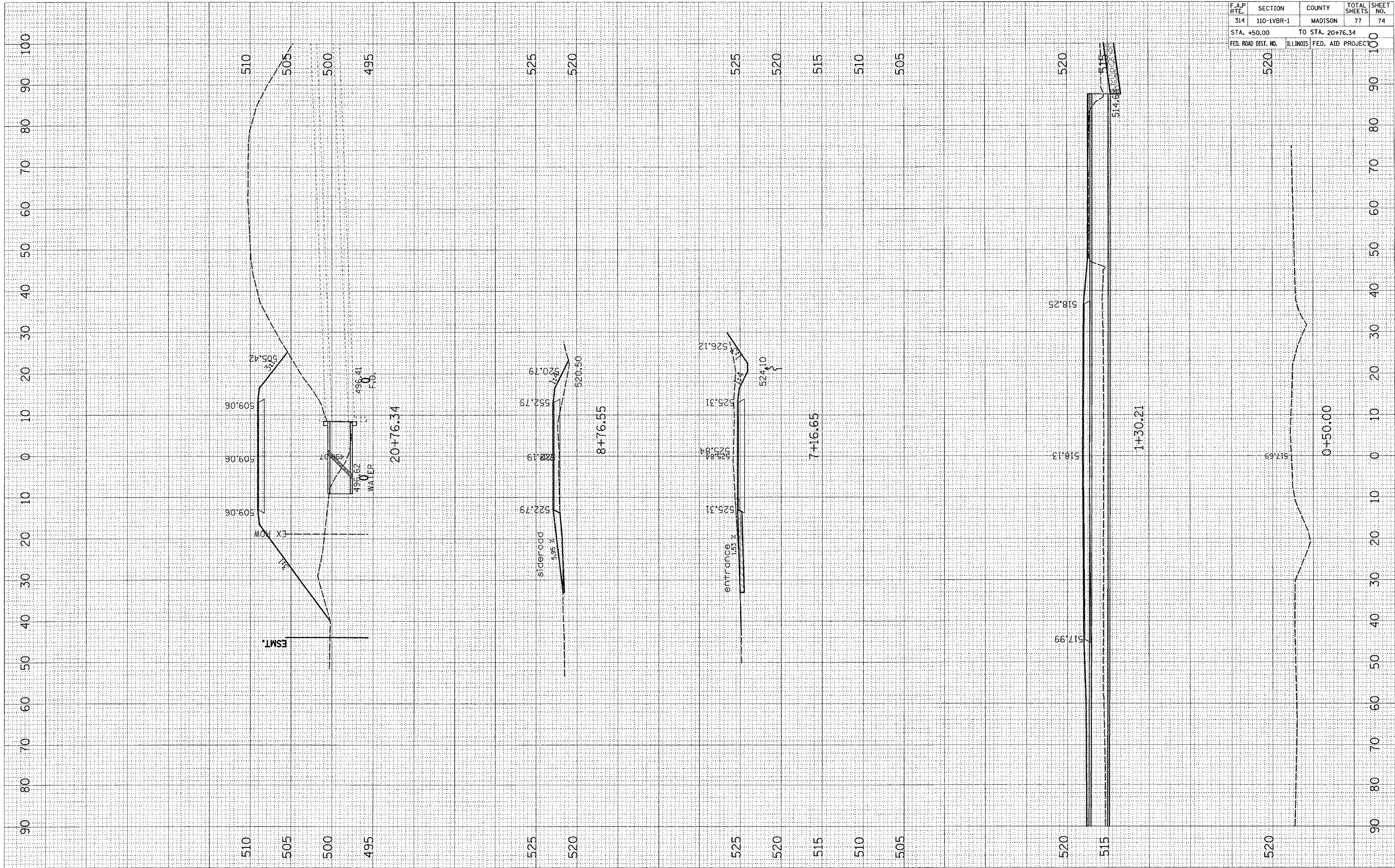


RUNAROUND XSECTIONS

PLOT DATE = 3/29/2006
 PLOT SCALE = 1" = 40.00'
 USER NAME = miller, j

ORIGINAL SURVEYED
 SURVEY PLOT
 NO. _____
 BY _____ DATE _____

FINAL SURVEY
 SURVEY PLOT
 NO. _____
 BY _____ DATE _____



CONTRACT NO. 76549			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
314	110-1VBR-1	MADISON	77 74
STA. +50.00		TO STA. 20+76.34	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	
520			100

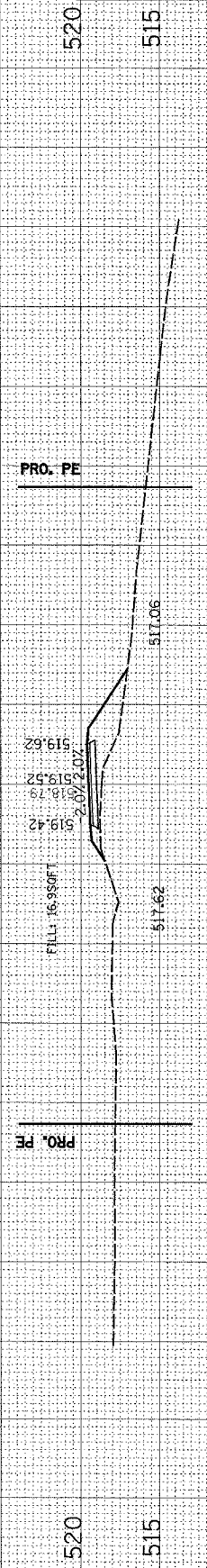
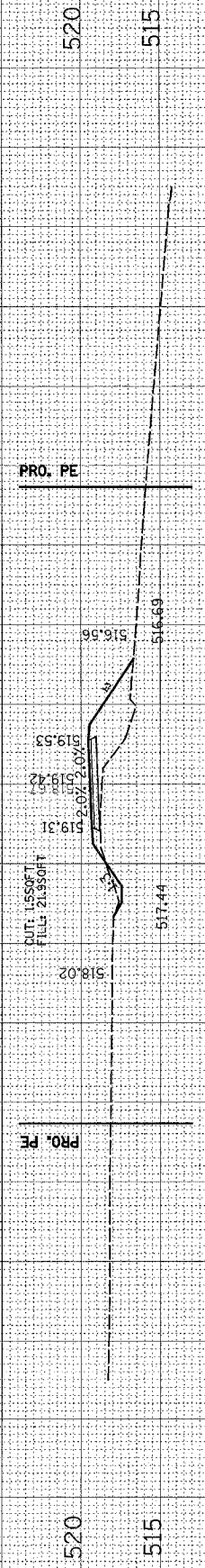
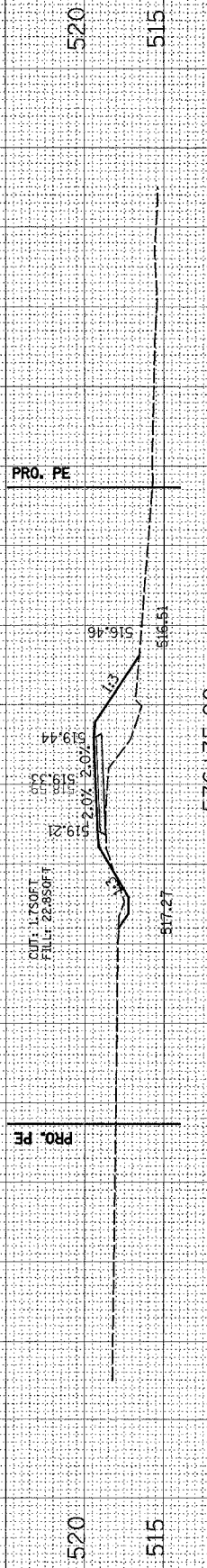
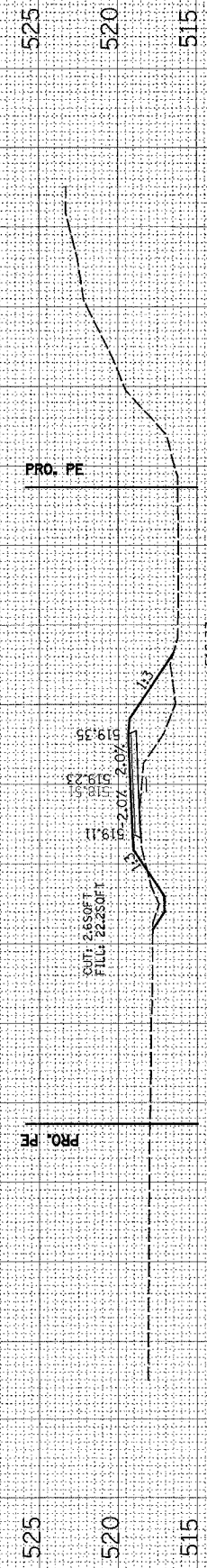
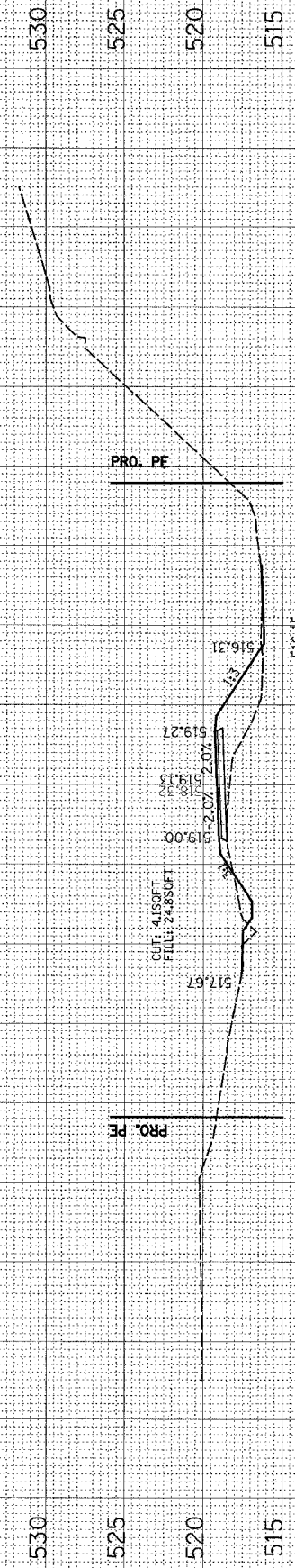
RUNAROUND CULVERTS AND ENTRANCES

PLOT DATE = 3/28/2006
 PLOT SCALE = 1/8" = 100'
 USER NAME = miller-ej

ORIGINAL SURVEYED BY DATE
 CHECKED BY DATE
 PLOT NO. DATE
 REVISIONS
 AREAS CHECKED

FINAL SURVEYED BY DATE
 CHECKED BY DATE
 PLOT NO. DATE
 REVISIONS
 AREAS CHECKED

90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90



90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90

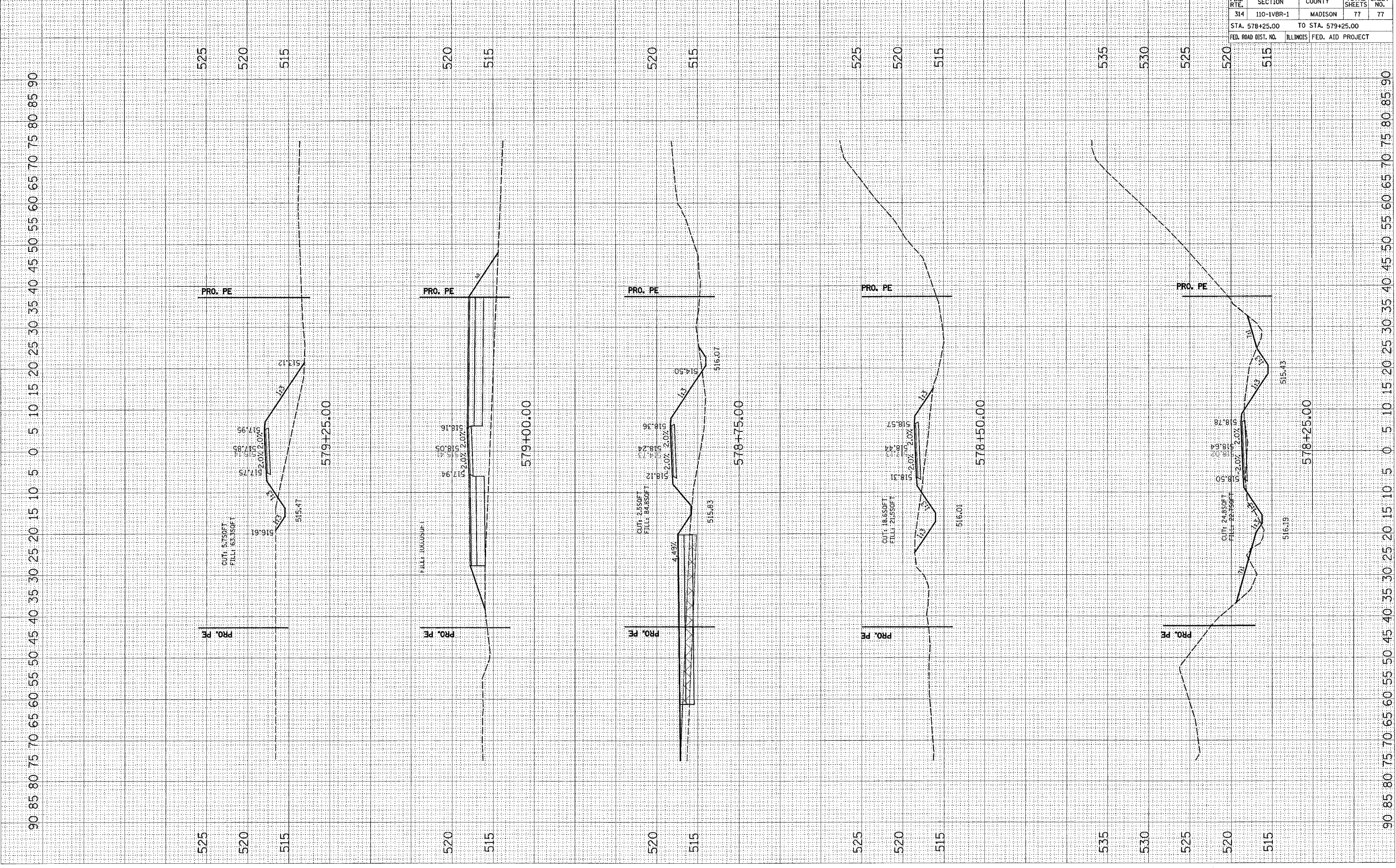
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	76
STA. 576+25.00		TO STA. 577+25.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

BIKE TRAIL

PLOT DATE = 3/28/2006
 FILE NAME = c:\projects\110-1VBR-1\110-1VBR-1.dwg
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = millerj

ORIGINAL SURVEY BY DATE
 SURVEY NO. _____
 DATE _____
 TEMPLATE _____
 AREAS CHECKED _____

FINAL SURVEY BY DATE
 SURVEY NO. _____
 DATE _____
 TEMPLATE _____
 AREAS CHECKED _____



CONTRACT NO. 76549				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
314	110-1VBR-1	MADISON	77	77
STA. 578+25.00		TO STA. 579+25.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

BIKE TRAIL