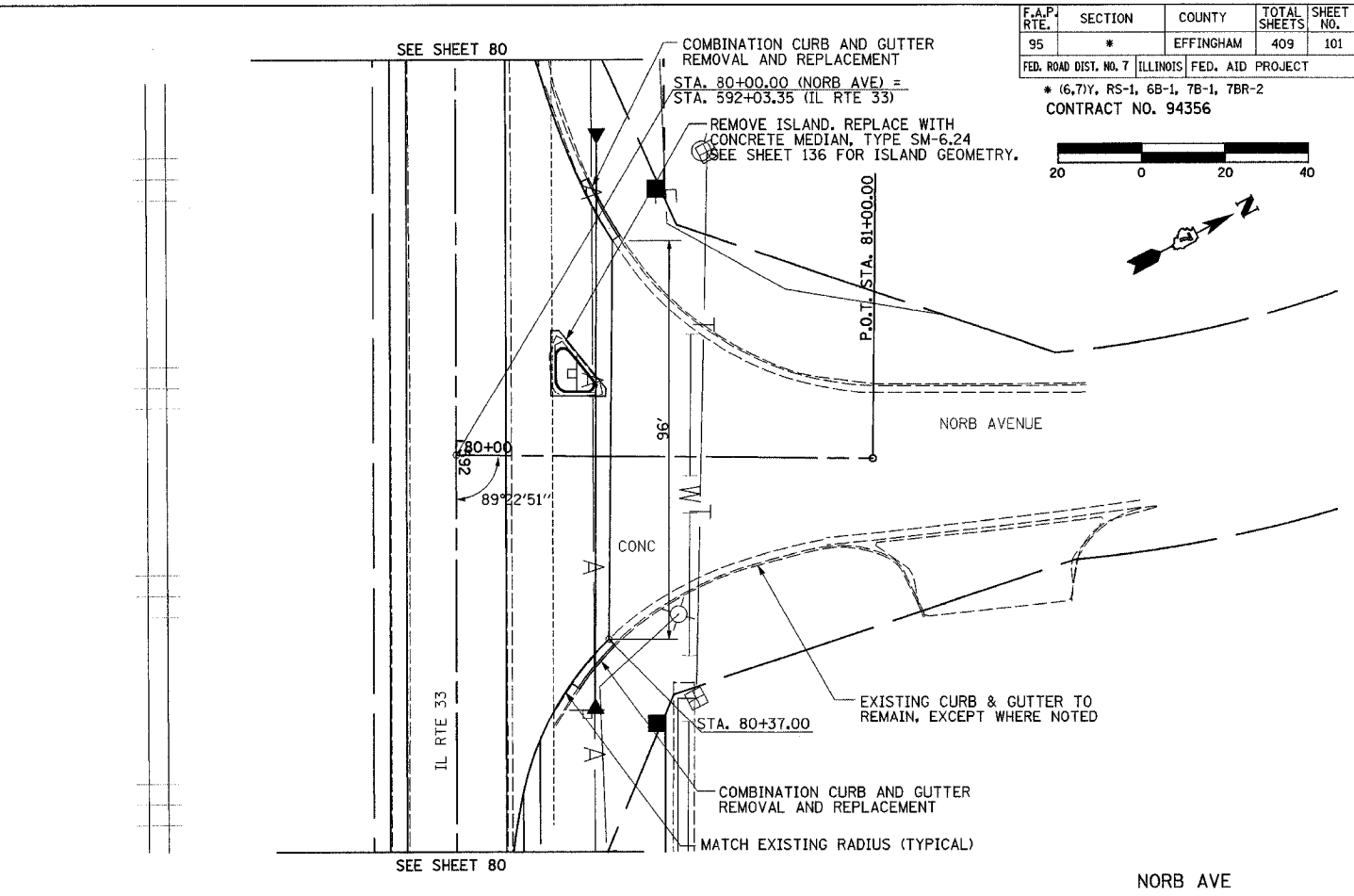
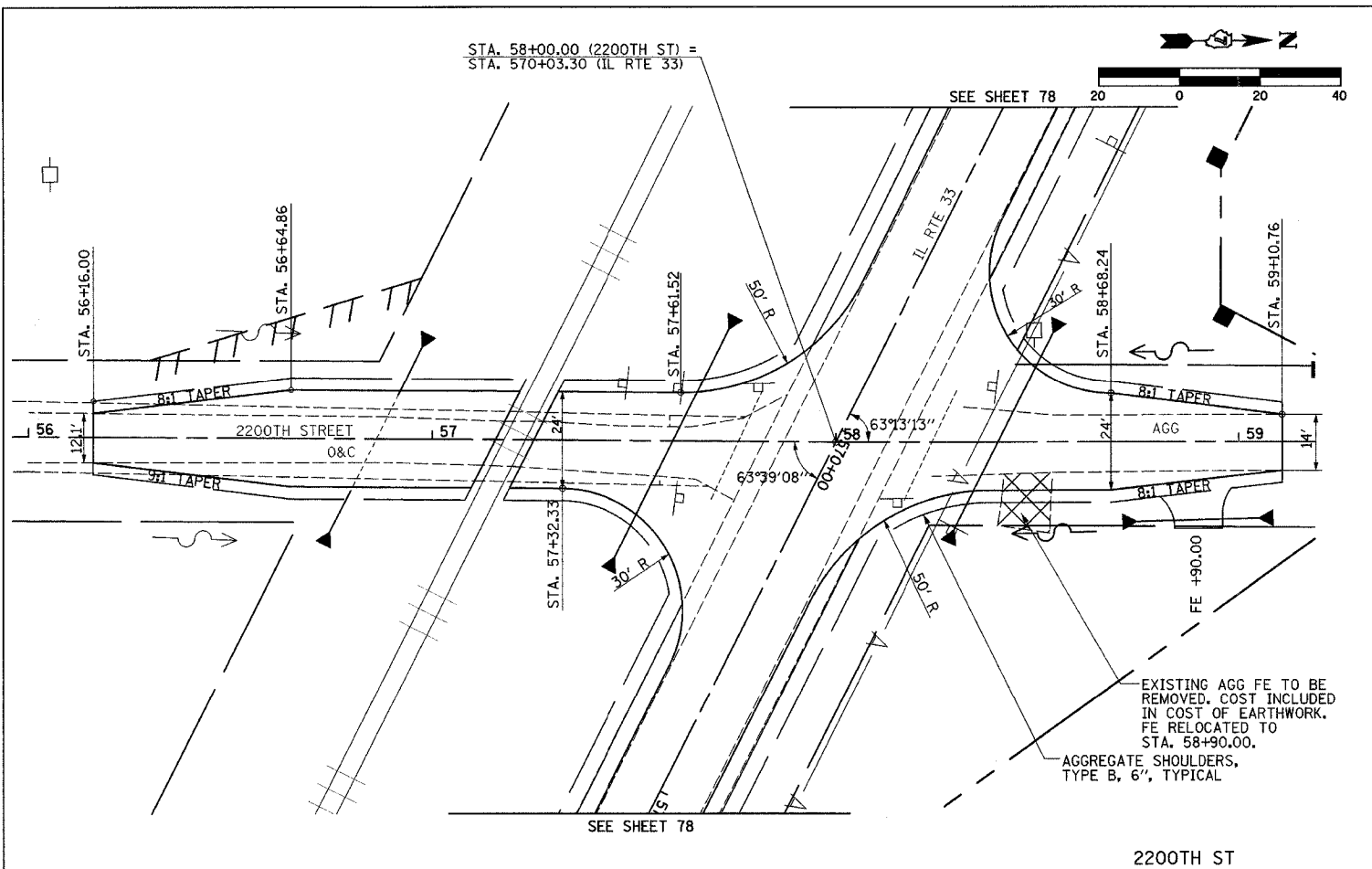
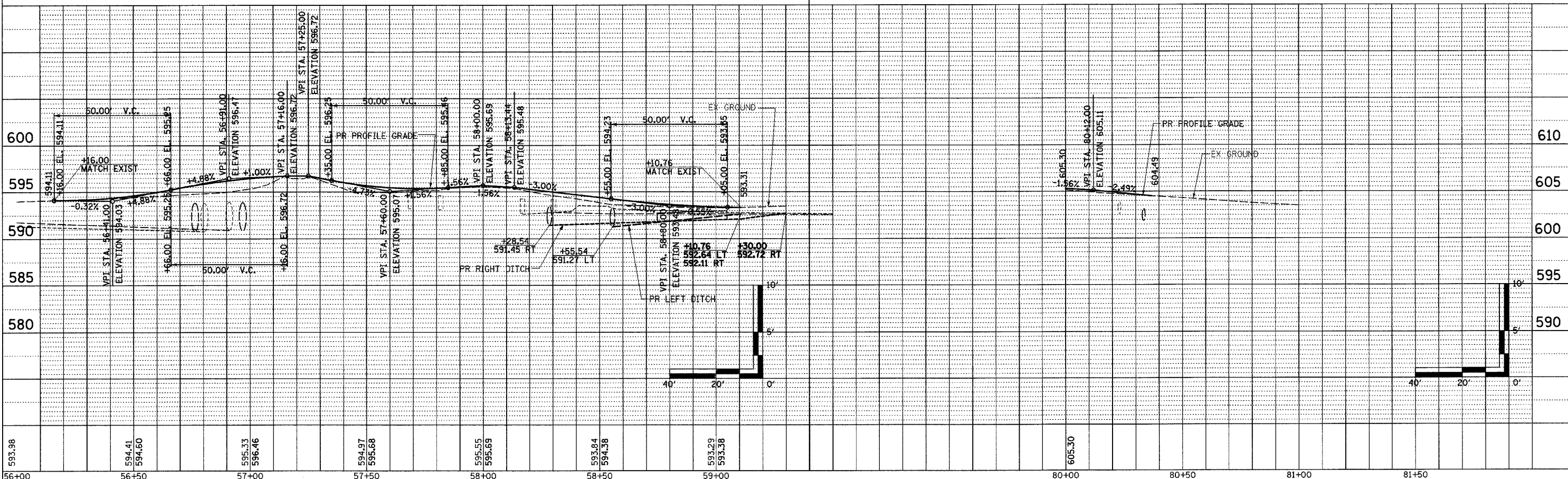


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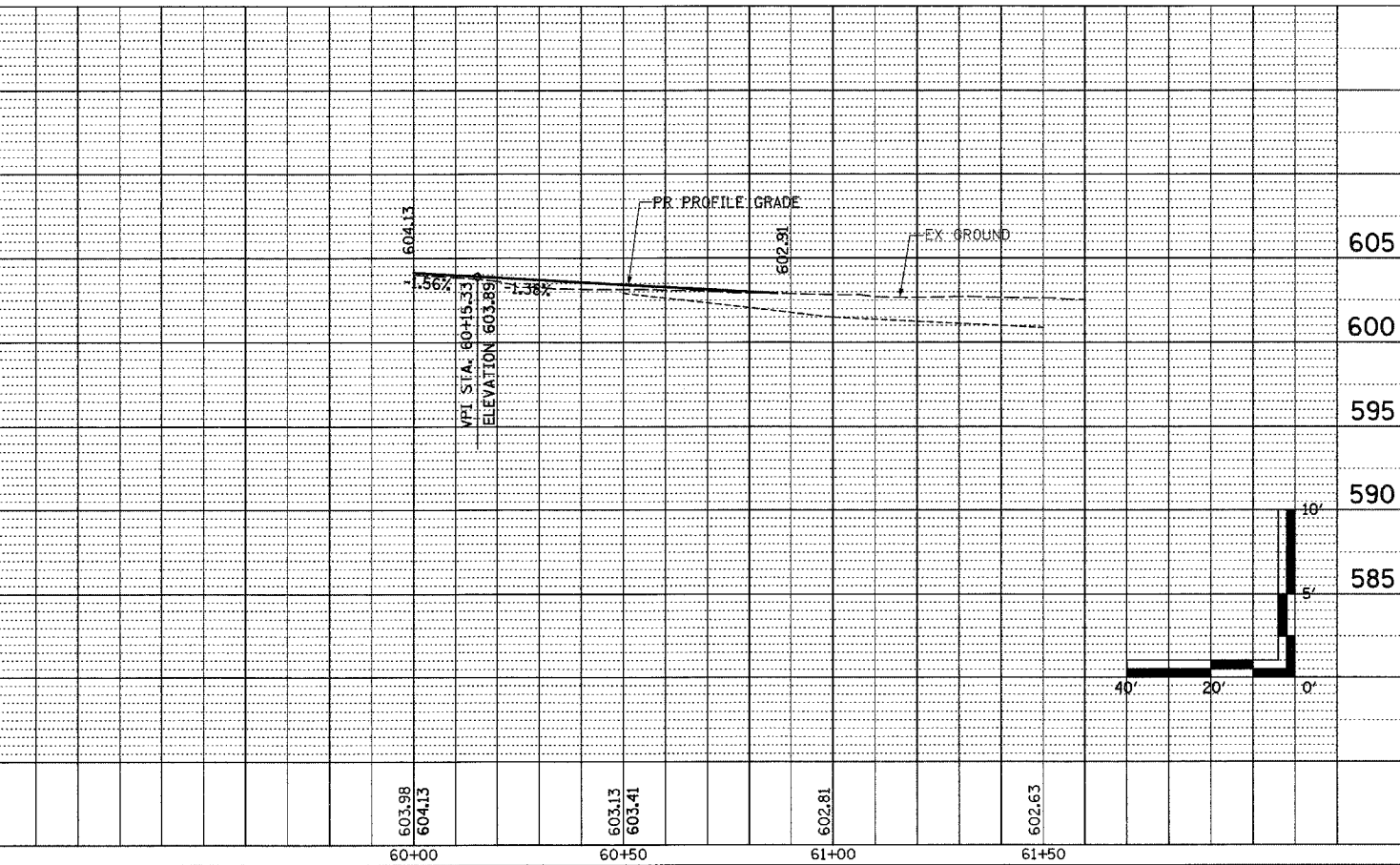
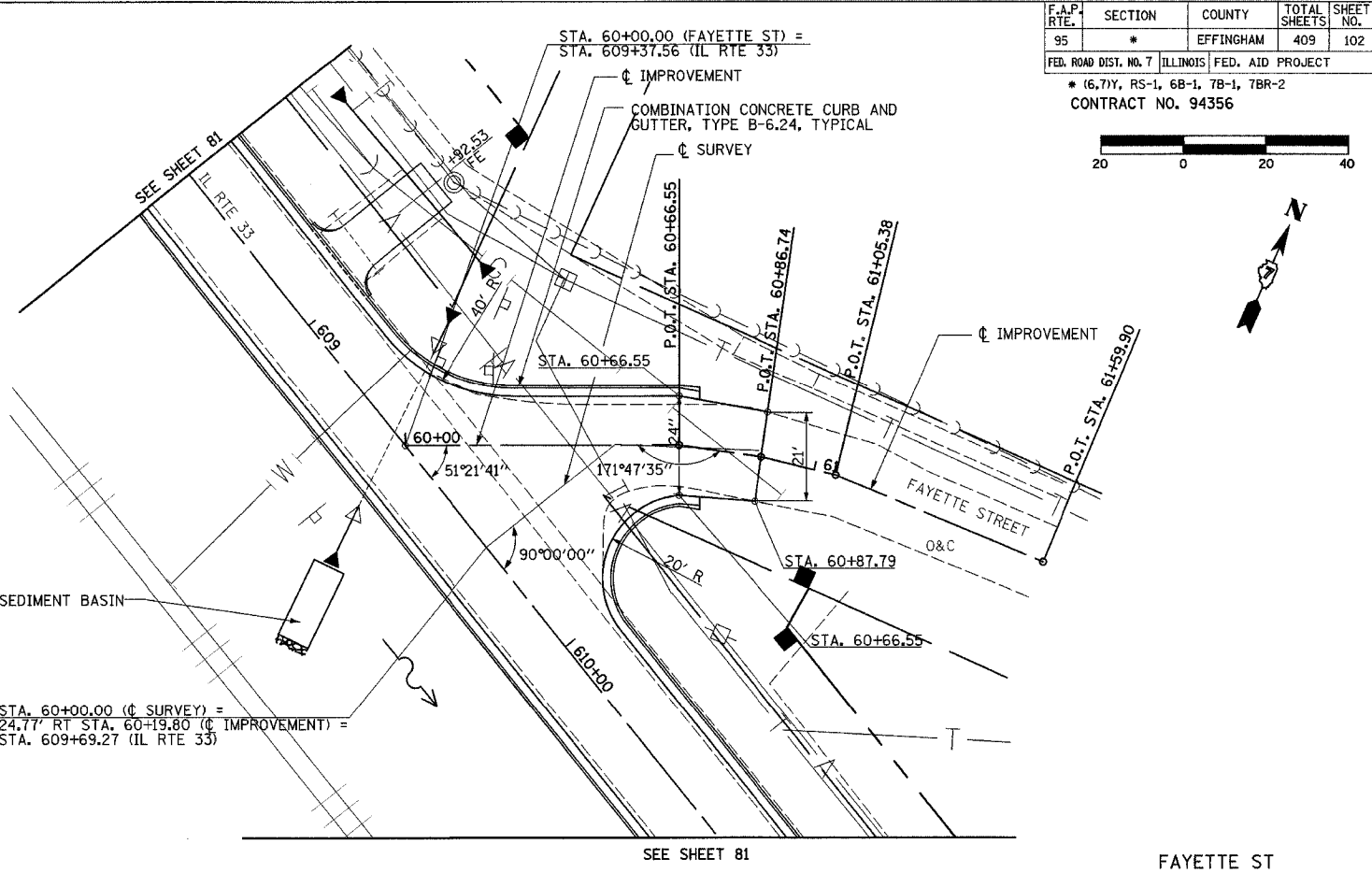
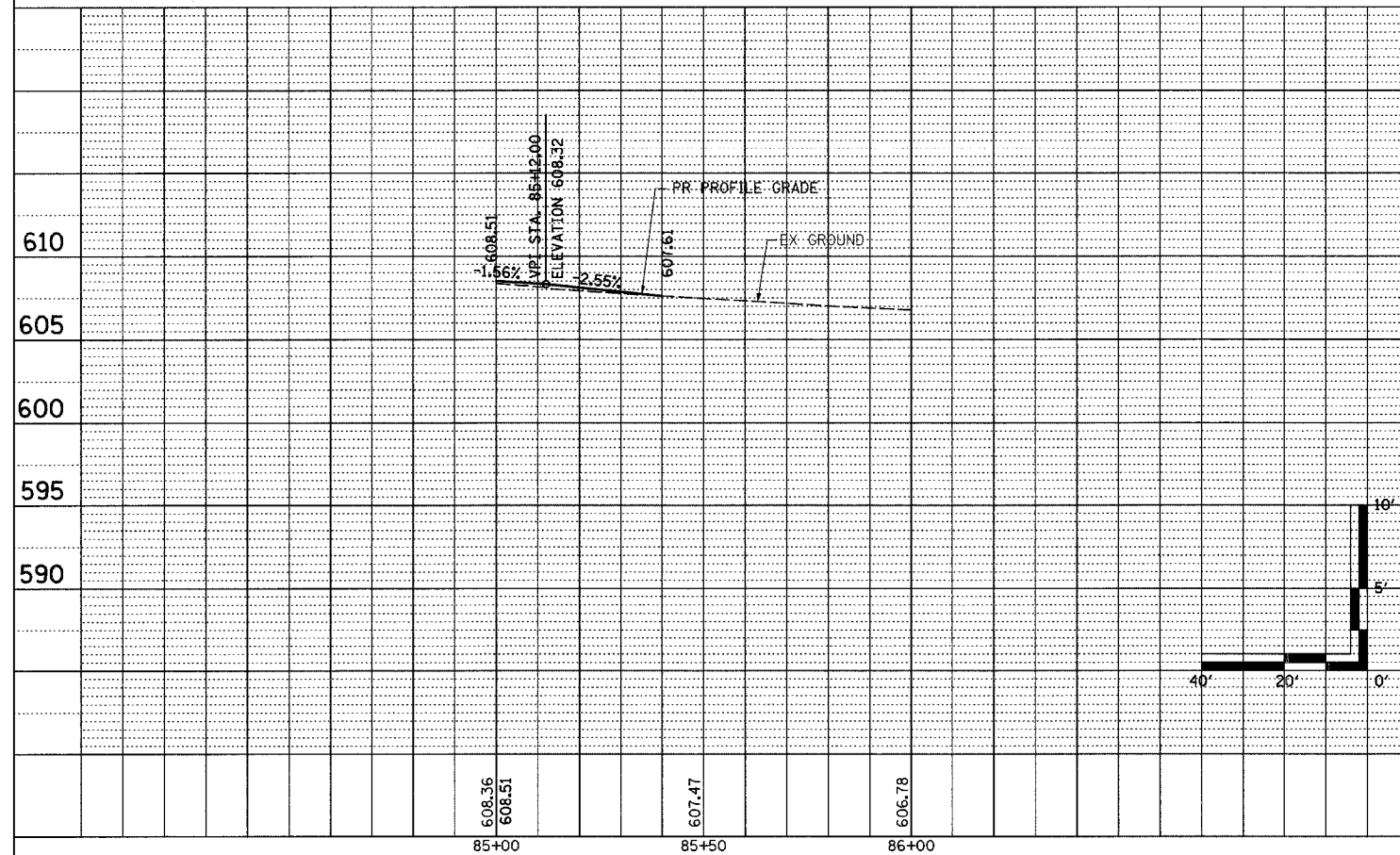
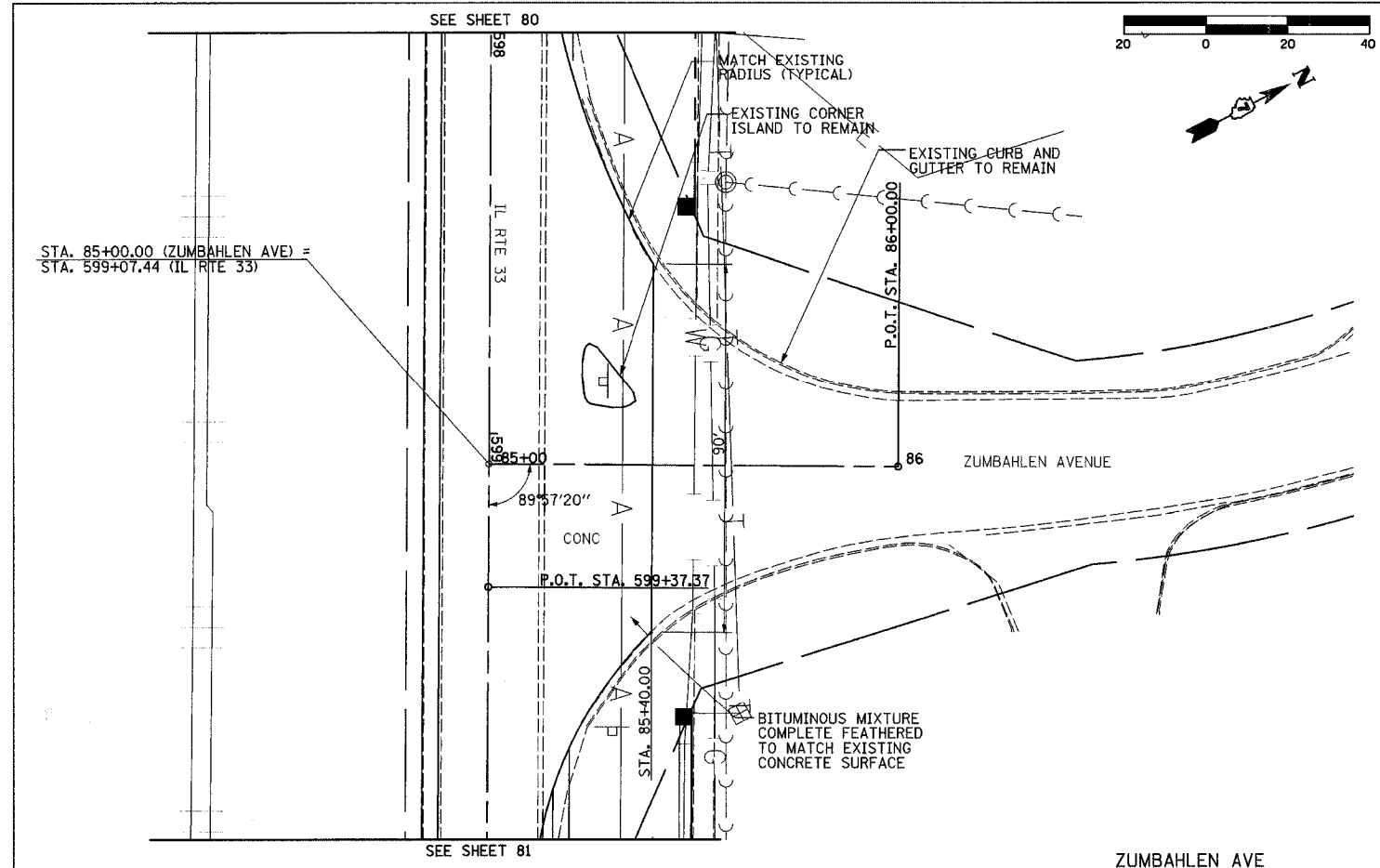
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	101
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
* (6,7)Y, RS-1, 6B-1, 7B-1, 7BR-2				
CONTRACT NO. 94356				

DATE	
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PROFILE	
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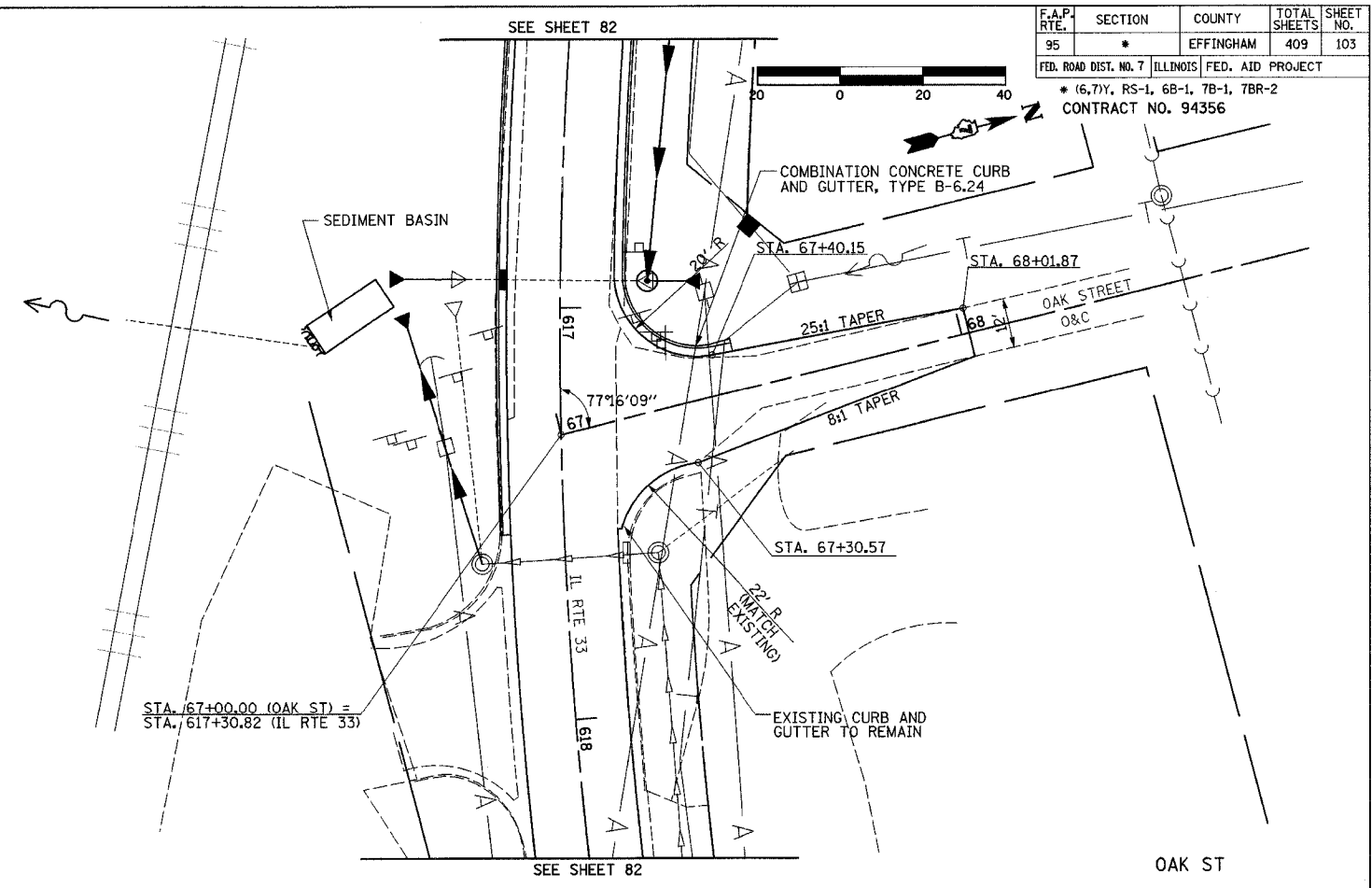
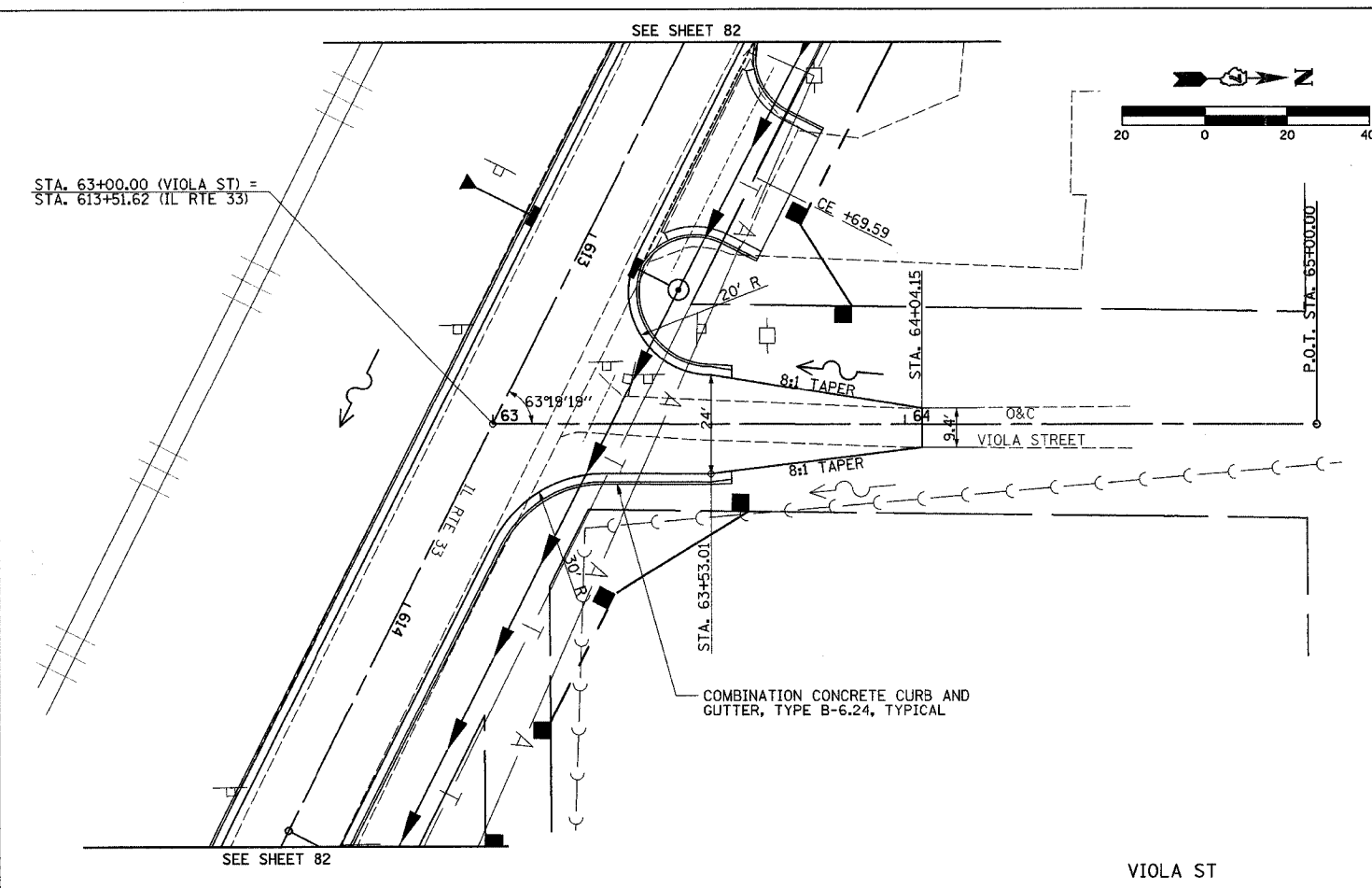
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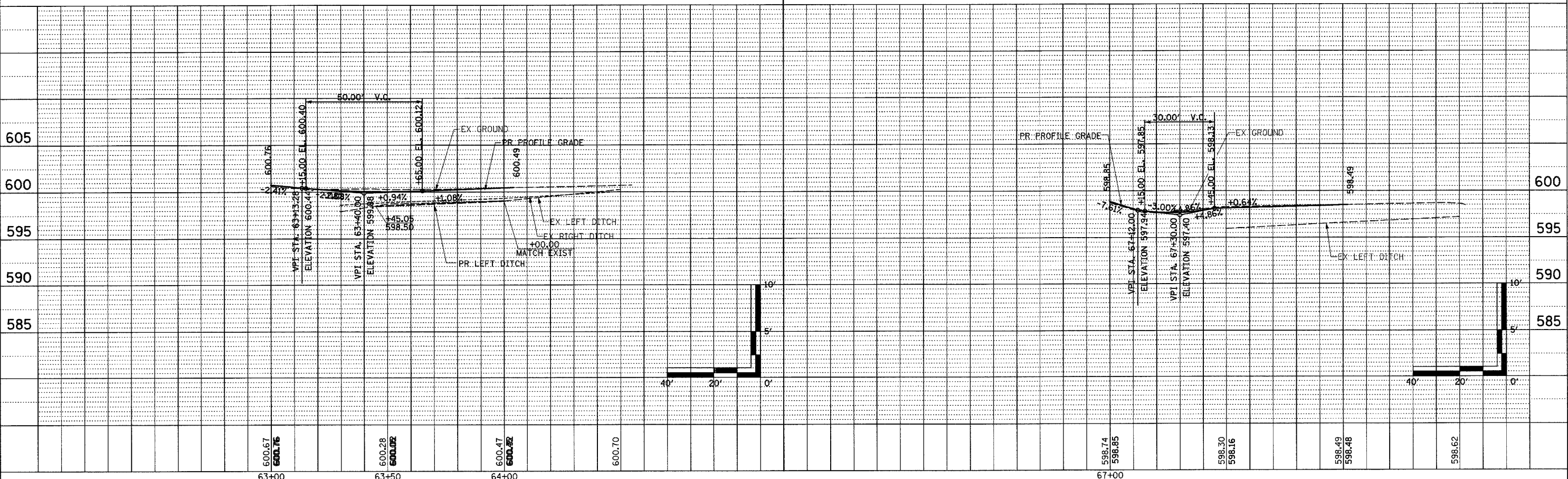
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	102
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
* (6.7)Y, RS-1, 6B-1, 7B-1, 7BR-2				
CONTRACT NO. 94356				

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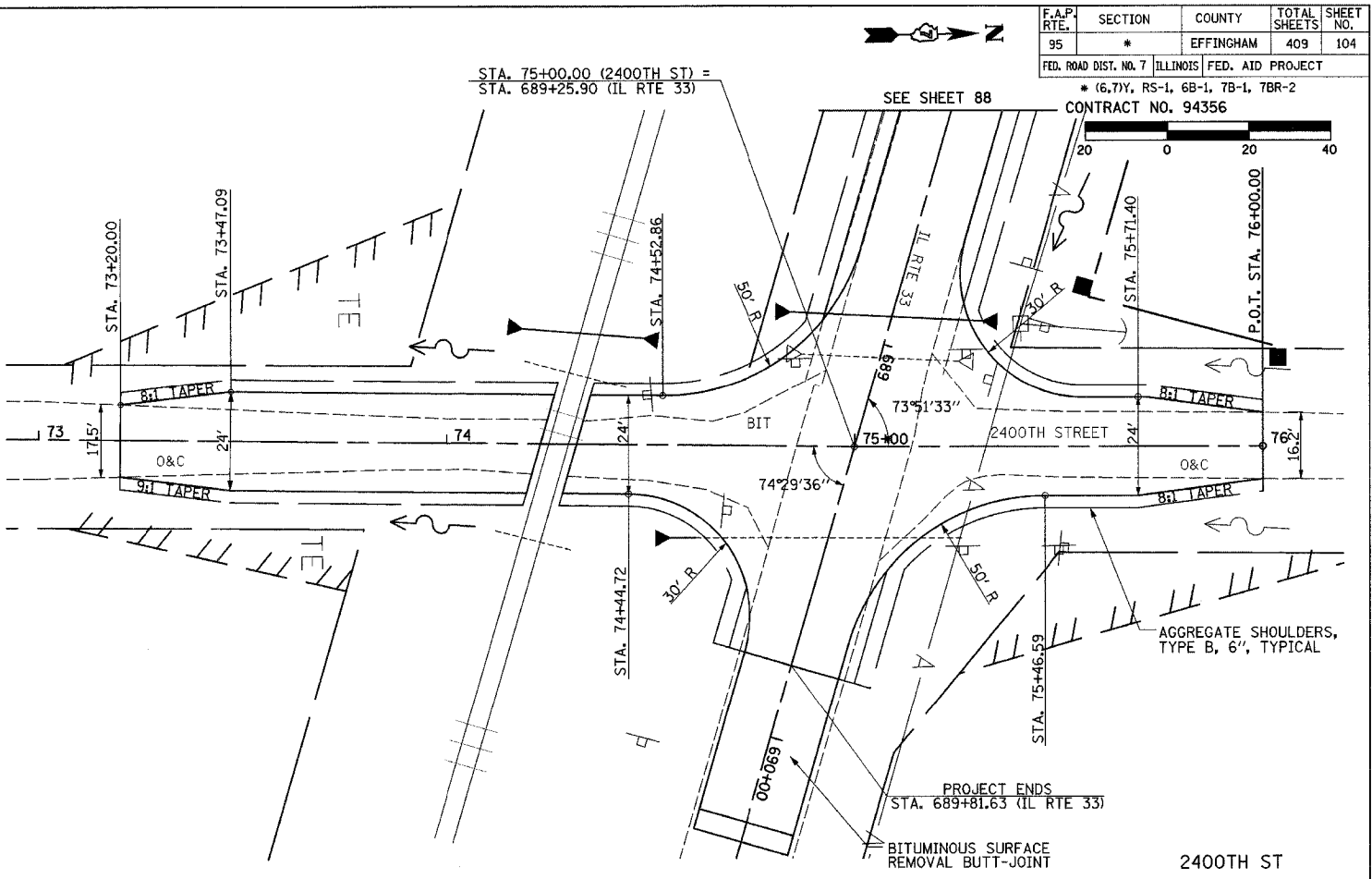
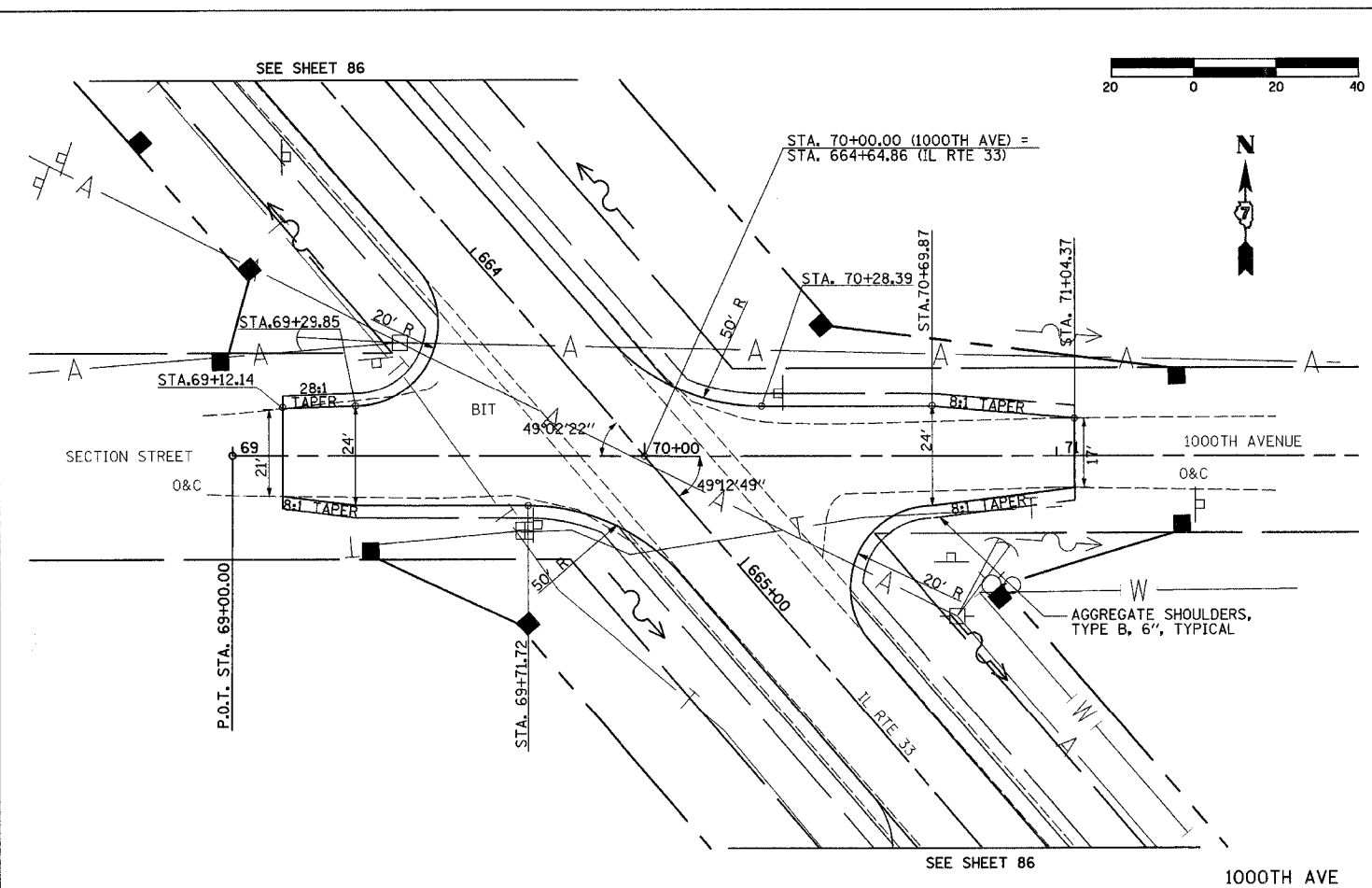


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	103
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
* (6,7)Y, RS-1, 6B-1, 7B-1, 7BR-2				
CONTRACT NO. 94356				

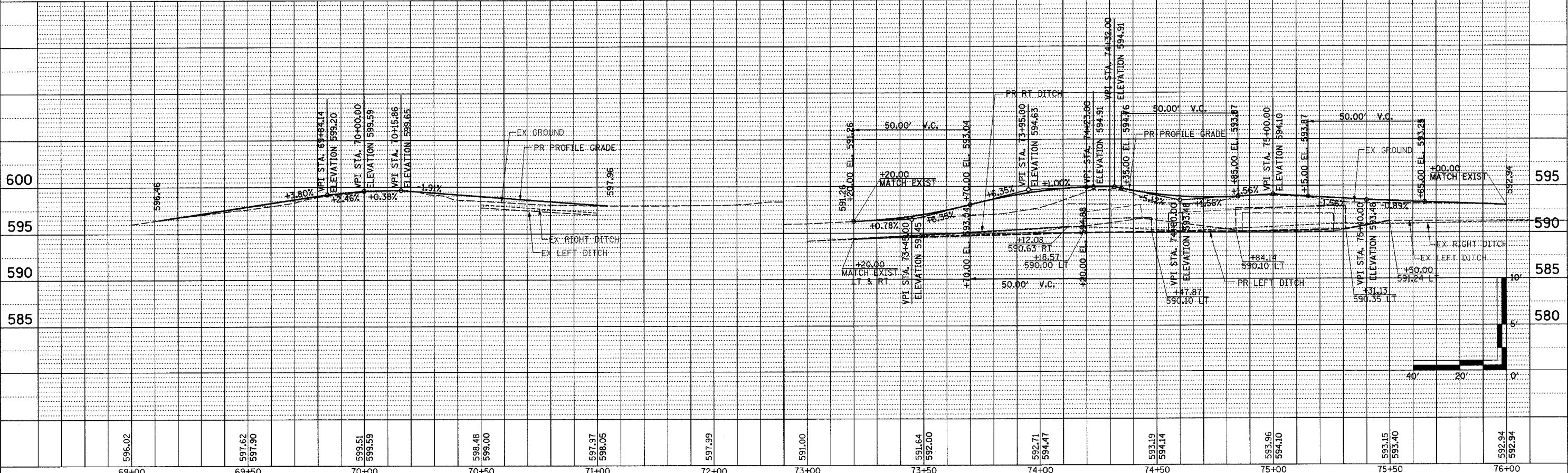


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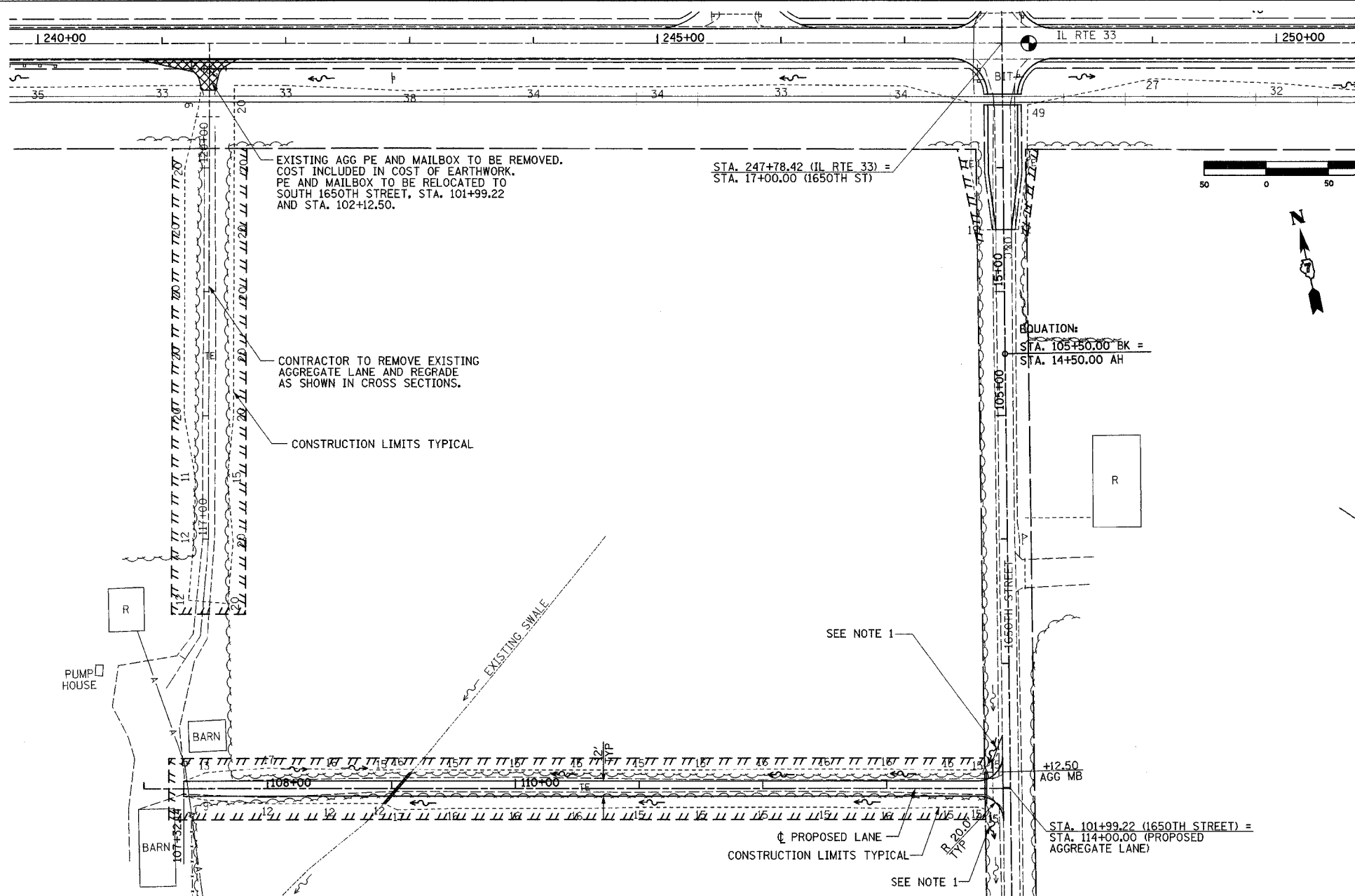
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F.A.P. RTE.	95	SECTION	*	COUNTY	EFFINGHAM	TOTAL SHEETS	409	SHEET NO.	104
FED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT		CONTRACT NO. 94356			
						* (6,7)Y, RS-1, 6B-1, 7B-1, 7BR-2			



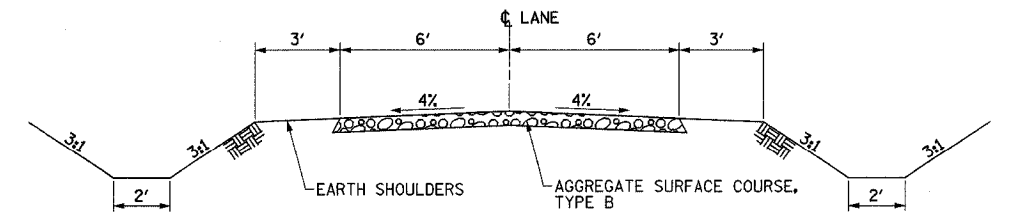
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	105
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
*(6,7)Y, RS-1, 6B-1, 7B-1 & 7BR-2				
CONTRACT NO. 94356				



PIPE CULVERT, CLASS D, TYPE 1, 12"
 STA. 113+80.82, LENGTH = 30'
 USFL ELEVATION = 591.13, 15' LT
 DSFL ELEVATION = 591.04, 15' RT
 (BURY FLOW LINE 3 INCHES)

DOUBLE PIPE CULVERTS, CLASS D, TYPE 1, 12"
 STA. 109+03.45 & STA. 109+05.45
 LENGTH = 32' (BOTH)
 USFL ELEVATION = 589.92, 12.0' LT (BOTH)
 DSFL ELEVATION = 589.61, 12.5' RT (BOTH)
 (BURY FLOW LINE 3 INCHES)

AGGREGATE SURFACE COURSE, TYPE B
 STA. 107+32.14 - STA. 113+74.00 292 TONS

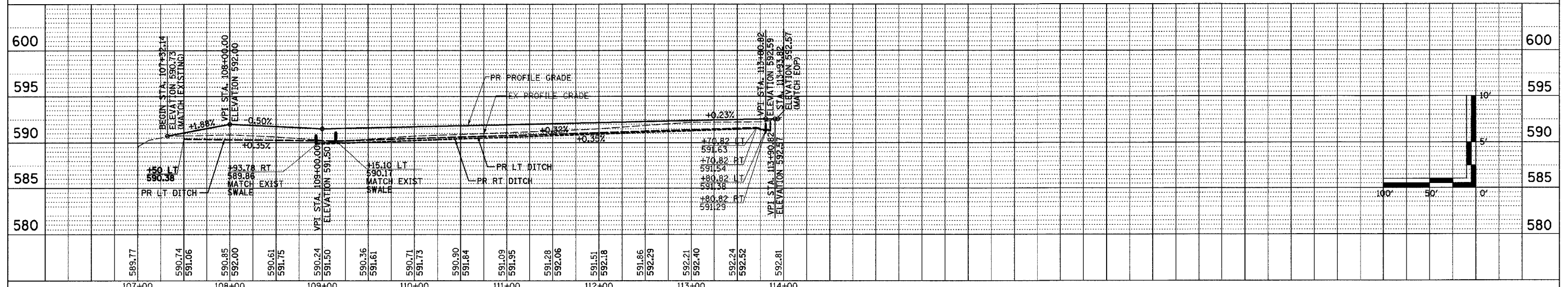


TYPICAL SECTION
 STA. 107+32.14 TO STA. 113+74.00

- SHEET NOTES:
- EXISTING WEST DITCH AT 1650TH STREET TO BE GRADED TO NEW CULVERT AT PROPOSED LANE. COST INCLUDED IN COST OF EARTHWORK.
 - SEE SHEETS 337-343 FOR EXISTING AND PROPOSED LANE CROSS SECTIONS.
 - SEE SHEET 19 FOR AGGREGATE QUANTITIES AT RADIUS RETURN.

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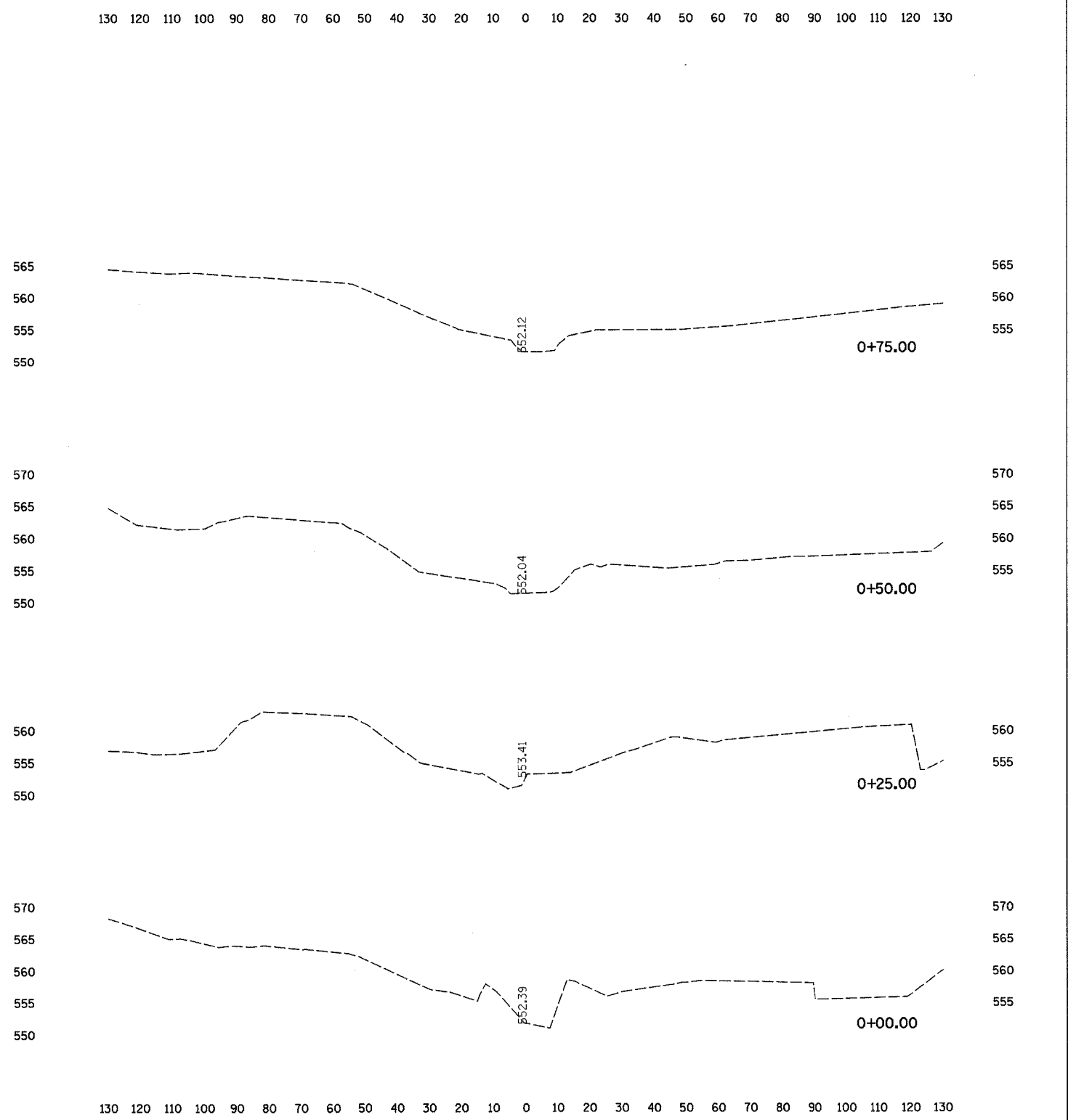
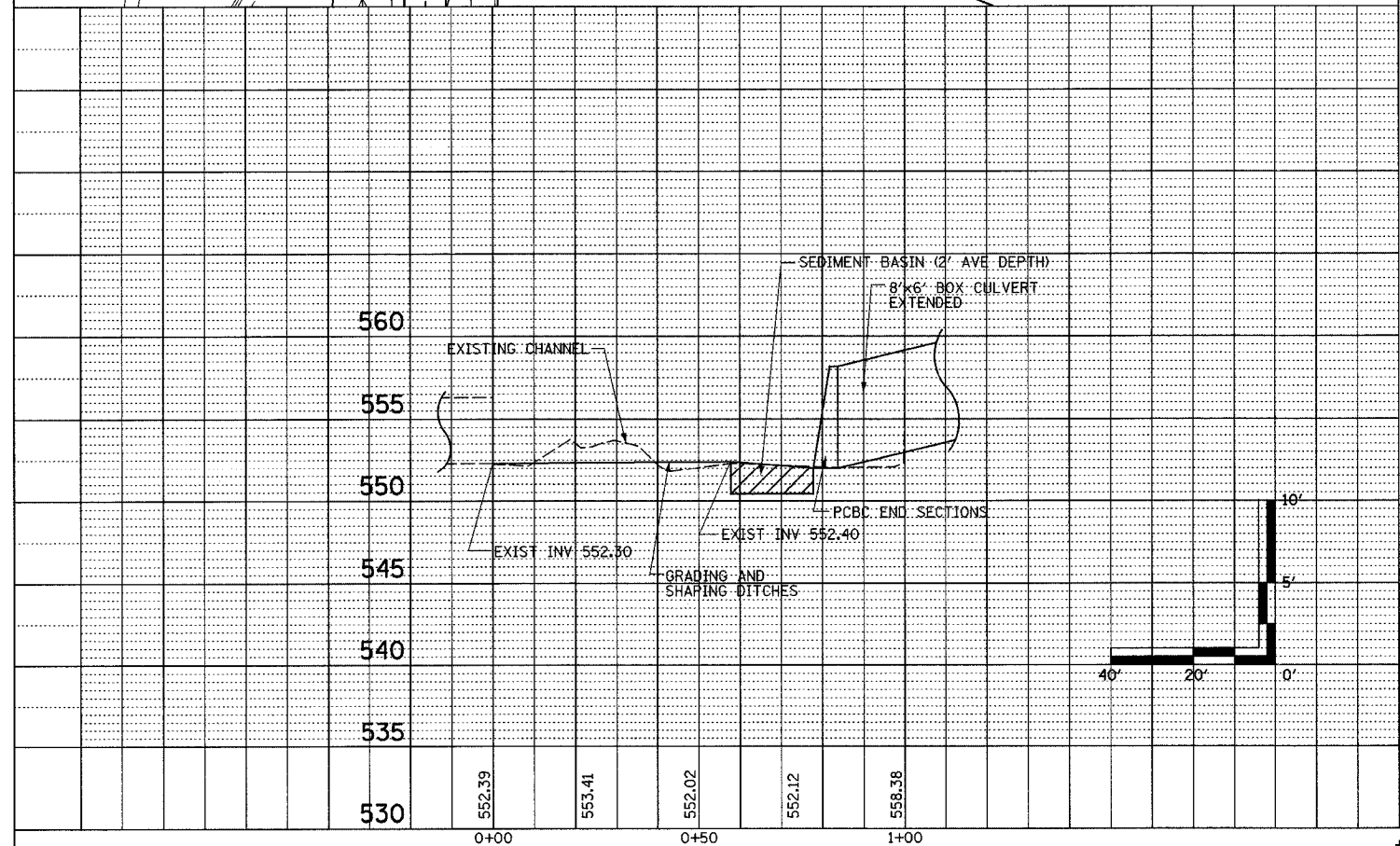
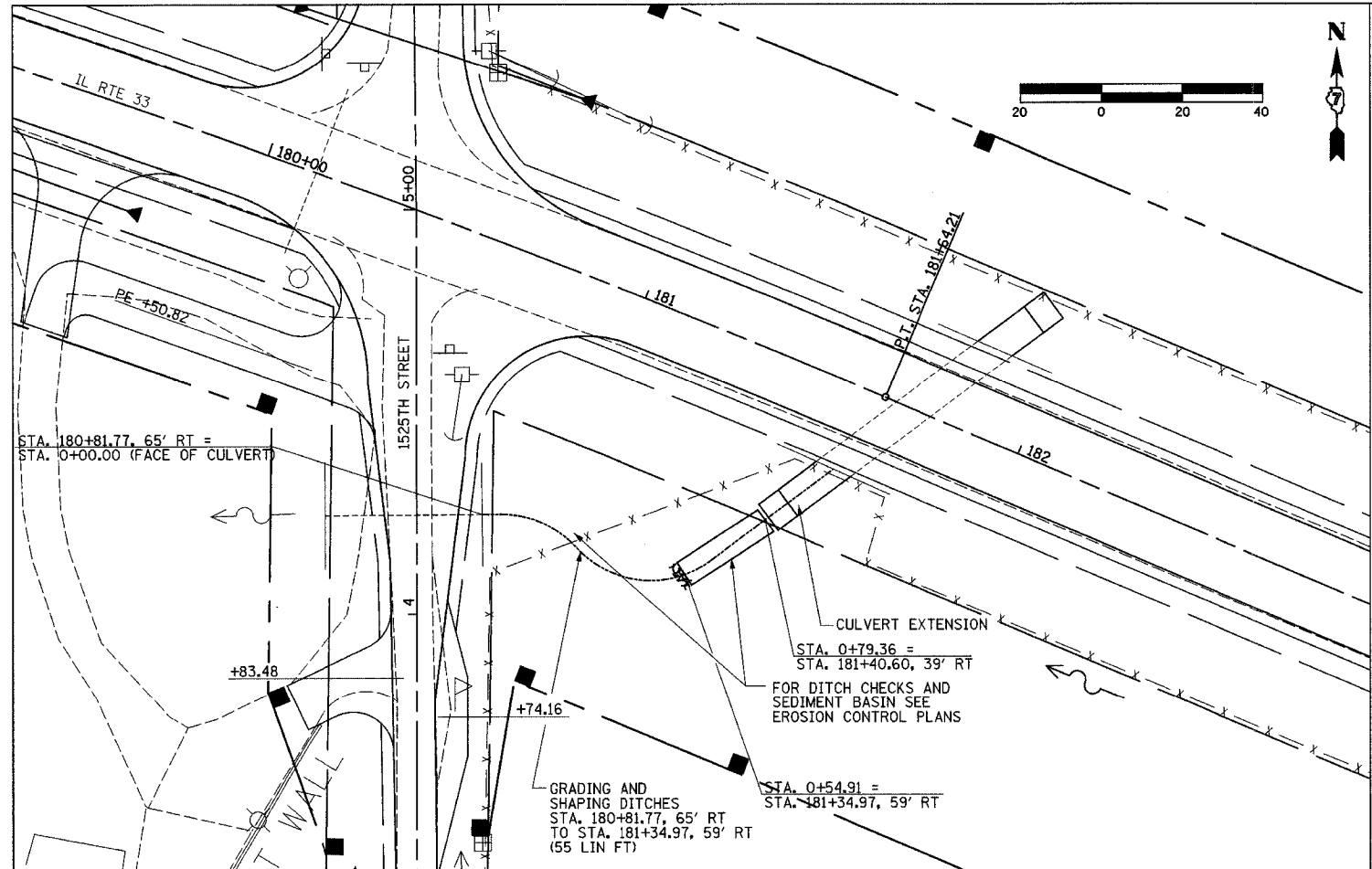
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	(6,7)Y	EFFINGHAM	409	105A
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
* (6,7)Y, RS-1, 6B-1, 7B-1 & 7B-2				
CONTRACT NO. 94356				

DATE	BY

DATE	BY

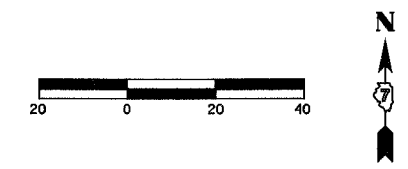
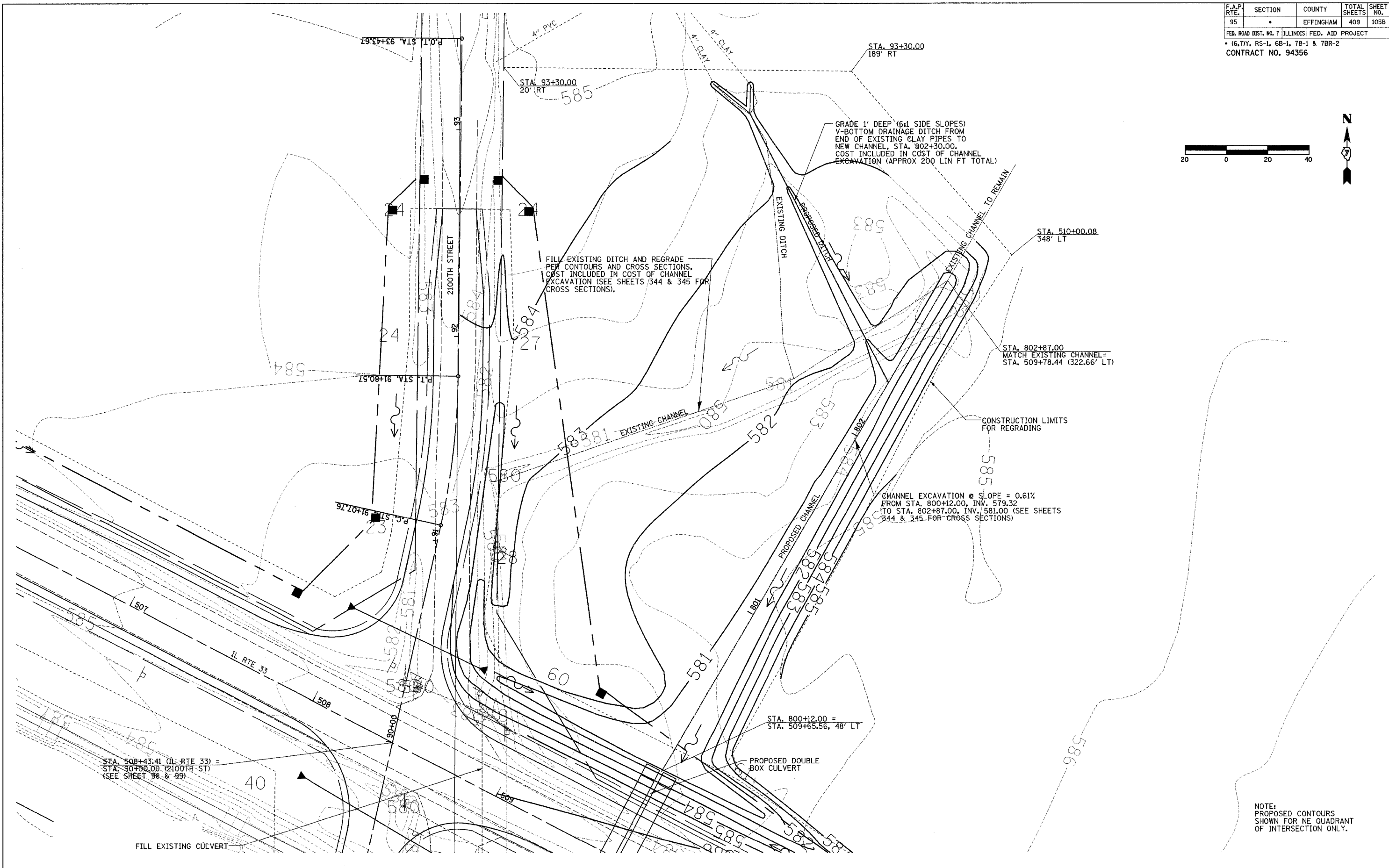


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	•	EFFINGHAM	409	105B

FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT
 • (6,7)Y, RS-1, 6B-1, 7B-1 & 7B-2
 CONTRACT NO. 94356

PLAN	DATE
SURVEYED	
PLOTTED	
CHECKED	
BY: _____	
NOTE BOOK NO. _____	
CADD FILE NAME _____	

PROFILE	DATE
SURVEYED	
PLOTTED	
CHECKED	
BY: _____	
NOTE BOOK NO. _____	
STRUCTURE NOTATION CRD _____	



EROSION CONTROL GENERAL NOTES

DESCRIPTION OF STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION:

1. THE AREA BETWEEN THE EXISTING AND PROPOSED RIGHT-OF-WAY / TEMPORARY EASEMENT BOUNDARIES AND LIMITS OF THE PROJECT WILL BE IMPROVED AND MANAGED FOR THE PURPOSES OF CONTROLLING EROSION WITHIN THE AREA, REDUCING WATER FLOW BY TEMPORARY DIVERSION AND MINIMIZING SILTATION INTO THE CONSTRUCTION ZONE, AND ESTABLISHING VEGETATIVE COVER WHICH WILL BECOME PERMANENT VEGETATION AND ACT AS AN EROSION BARRIER. WORK AT THE BEGINNING OF THE CONSTRUCTION WILL CONSIST OF THE FOLLOWING:
 - (a) AREAS OF EXISTING VEGETATION (WOODS AND GRASSLANDS) OUTSIDE THE PROPOSED CONSTRUCTION SLOPE LIMITS SHALL BE IDENTIFIED FOR PRESERVING AND SHALL BE PROTECTED FROM MOWING, BRUSH CUTTING, TREE REMOVAL AND OTHER ACTIVITIES WHICH WOULD BE DETRIMENTAL TO THEIR MAINTENANCE AND DEVELOPEMENT.
 - (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 (SUCH AS TREES CLEARED) TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, AGGREGATE DITCH CHECKS AND/OR EROSION CONTROL FENCE SHALL BE INSTALLED AS CALLED OUT IN THIS PLAN AND DIRECTED BY THE ENGINEER.
 - (d) BARE AND SPARSELY VEGETATED GROUND IN HIGHLY ERODABLE AREAS AS DETERMINED BY THE ENGINEER SHALL BE TEMPORARILY SEEDED AT THE BEGINNING OF THE CONSTRUCTION WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN FOURTEEN DAYS.
 - (e) IMMEDIATELY AFTER TREE REMOVAL IS COMPLETED IN CERTAIN AREAS WHICH ARE IN HIGHLY ERODABLE AREAS AS DETERMINED BY THE ENGINEER, THE AREAS SHALL BE TEMPORARILY SEEDED WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN FOURTEEN DAYS.
 - (f) AT LOCATIONS WHERE A SIGNIFICANT AMOUNT OF WATER DRAINS INTO THE CONSTRUCTION ZONE FROM OUTSIDE AREAS (ADJACENT LANDOWNERS), AGGREGATE DITCH CHECKS WILL BE UTILIZED TO LOCALLY DIVERT WATER, REDUCE FLOW RATES, AND COLLECT OUTSIDE SILTATION INSIDE OF RIGHT-OF-WAY LINE.

DESCRIPTION OF STABILIZATION PRACTICES DURING CONSTRUCTION:

1. DURING ROADWAY CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION SLOPE LIMITS AS OUTLINED PREVIOUSLY HEREIN SHALL BE PROTECTED FROM DAMAGING EFFECTS OF CONSTRUCTION. THE CONTRACTOR SHALL NOT USE THIS AREA FOR STAGING (EXCEPT AS DESIGNATED ON THE PLANS OR DIRECTED BY THE ENGINEER), PARKING OF VEHICLES OR CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS, OR OTHER CONSTRUCTION RELATED ACTIVITIES.
 - (a) WITHIN THE CONSTRUCTION ZONE, CRITICAL AREAS WHICH HAVE HIGH FLOWS OF WATER 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 THE CONTRACTOR CONSTRUCTS A PORTION OF ROADWAY IN A FILL SECTION, HE/SHE SHALL FOLLOW THE FOLLOWING STEPS AS DIRECTED BY THE ENGINEER:
 - I. PLACE TEMPORARY EROSION CONTROL SYSTEMS AT LOCATIONS WHERE WATER LEAVES AND RETURNS FROM CONSTRUCTION ZONE.
 - II. TEMPORARILY SEED HIGHLY ERODABLE AREAS OUTSIDE THE CONSTRUCTION SLOPE LIMITS.
 - III. CONSTRUCT ROADSIDE DITCHES AND PROVIDE TEMPORARY EROSION CONTROL SYSTEMS.
 - IV. TEMPORARILY DIVERT WATER AROUND PROPOSED CULVERT LOCATIONS.
 - V. BUILD NECESSARY EMBANKMENTS 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 EROSION CONTROL SUCH AS RIPRAP DITCH LINING AND CONDUCTING FINAL SHAPING TO THE SLOPES.
 - (d) EXCAVATED AREAS AND EMBANKMENTS SHALL BE PERMANENTLY SEEDED WHEN FINAL GRADED. IF NOT, THEY SHALL BE TEMPORARILY SEEDED IF NO CONSTRUCTION ACTIVITY IN THE AREA IS PLANNED FOR FOURTEEN DAYS.
 - (e) CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUN-OFF IN COMPLIANCE WITH EPA WATER QUALITY REGULATIONS. LEAKING EQUIPMENT 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 LARGE RAINS DURING THE WINTER SHUT-DOWN 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 BY THE VARIOUS EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS (OR WHEN 50 PERCENT FULL) AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
 - (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 THE TEMPORARY EROSION CONTROL SYSTEM. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

DESCRIPTION OF STABILIZATION 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 WITH PROPER STAND.
2. ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONING AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP, AND DISTURBED TURF RESEEDDED.

TEMPORARY DITCH CHECK			
STA.	QUANTITY (EACH)		
	LT	RT	
MAINLINE			
150+00.00		1	
150+25.00		1	
150+38.00		1	
150+50.00		1	
150+60.00	1		
150+75.00		1	
150+80.00	1		
151+00.00	1	1	
151+35.00		1	
151+40.00	1		
151+80.00	1		
152+05.00		1	
152+40.00		1	
152+75.00		1	
153+10.00		1	
153+15.00	1		
153+45.00		1	
153+50.00	1		
153+80.00		1	
153+85.00	1		
154+15.00		1	
154+20.00	1		
154+50.00		1	
154+55.00	1		
154+85.00		1	
154+90.00	1		
155+10.00		1	
155+20.00		1	
155+30.00	1		
155+50.00	1		
155+55.00		1	
155+70.00	1		
155+90.00	1	1	
156+25.00		1	
156+30.00	1		
156+60.00		1	
156+95.00		1	
157+10.00	1		
157+50.00	1		
157+90.00	1		
173+00.00		1	
175+90.00	1		
176+40.00	1		
176+90.00	1		
180+75.00	1		
181+05.00		1	
181+20.00	1		
181+60.00	1		
182+00.00	1		
198+50.00		1	
198+75.00		1	
203+80.00	1		
204+15.00	1		
215+60.00	1		
215+95.00	1		
238+10.00		1	
238+25.00		1	
238+50.00	1		
238+75.00	1	1	
238+90.00	1		
239+00.00	1		
268+20.00	1		
268+60.00	1	1	
268+70.00	1		
269+00.00	1		
269+20.00	1	1	
269+50.00	1		
287+20.00	1		
287+60.00	1		
315+45.00		1	
315+75.00	1		
315+85.00		1	
329+20.00		1	
329+60.00	1		
329+95.00	1		
357+70.00	1		
358+00.00	1		
372+05.00		1	
372+35.00		1	
372+85.00		1	
372+90.00	1		
373+25.00	1		
373+60.00	1		
373+95.00	1		
374+00.00		1	
509+80.00		1	
1525TH			
5+37.00		1	
5+57.00	1	1	
5+77.00	1	1	
5+97.00	1	1	
6+17.00	1	1	
SUB-TOTAL	54	46	
TOTAL	100		

INLET AND PIPE PROTECTION		
LOCATION	QUANTITY (EACH)	
MAINLINE		
17' LT 147+64.20	1	
17' RT 147+64.20	1	
45' LT 150+50.00	1	
35' RT 151+95.00	1	
30' RT 162+82.39	1	
29' RT 173+09.84	1	
29' RT 173+79.61	1	
61' LT 174+03.33	1	
64' LT 174+81.81	1	
74' RT 174+98.00	1	
44' LT 178+03.29	1	
62' RT 180+80.00	1	
38' LT 181+84.63	1	
34' LT 198+62.63	1	
27' LT 203+98.97	1	
28' LT 215+77.29	1	
37' LT 221+52.00	1	
32' RT 221+74.03	1	
34' LT 238+42.77	1	
39' LT 248+08.00	1	
32' LT 268+85.25	2	
29' RT 274+72.57	1	
30' LT 287+41.18	1	
35' RT 288+10.00	1	
33' RT 300+60.00	1	
62' LT 313+50.00	1	
43' RT 313+75.00	1	
52' LT 315+00.88	1	
45' RT 334+74.87	1	
30' LT 357+63.00	1	
50' LT 372+88.00	1	
40' RT 373+60.00	1	
35' LT 391+26.76	1	
34' LT 492+75.11	1	
29' LT 544+31.64	1	
14' LT 608+42.00	1	
14' RT 608+42.00	1	
32' LT 609+33.42	1	
23' LT 610+89.00	1	
14' RT 610+89.00	1	
14' LT 610+89.00	1	
14' LT 613+02.00	1	
14' RT 613+02.00	1	
26' LT 613+02.00	1	
14' LT 615+40.00	1	
14' RT 615+40.00	1	
23' LT 615+40.00	1	
21' LT 616+93.39	1	
36' LT 616+93.39	1	
14' RT 616+93.39	1	
31' LT 645+40.00	1	
33' RT 655+00.00	1	
98' RT 683+60.26	1	
27' LT 688+92.98	1	
50' RT 689+10.00	1	
TRIOS		
20' LT 110+00.24	1	
2100TH STREET		
22' RT 87+14.00	1	
TOTAL	58	

PERIMETER EROSION BARRIER (SILT FENCE)			
STA.	LENGTH (FEET)		
	LT	RT	
MAINLINE			
147+60.00	200	200	
154+00.00	10		
175+00.00		300	
203+90.00		10	
204+09.00		10	
215+66.00		10	
215+87.00		10	
238+38.00		10	
238+58.00		10	
259+37.00	10		
268+34.00		10	
269+57.00		10	
274+90.00	10		
287+29.00		10	
313+30.00	10		
313+55.00		10	
315+25.00		10	
334+72.00		20	
357+60.00		10	
357+98.00		10	
372+52.00		10	
391+00.00		10	
391+50.00		10	
423+00.00	10	10	
424+35.00	10	10	
492+60.00		10	
492+90.00		10	
509+45.00	10		
509+65.00	20		
509+90.00	10		
554+71.00		10	
608+31.00	10		
644+26.00	10		
682+60.00	10		
682+85.00		10	
682+93.00	10		
683+38.00		10	
2100TH			
84+28.00	10	10	
SUB-TOTAL	350	760	
TOTAL	1110		

EARTH EXCAVATION FOR EROSION CONTROL (SEDIMENT BASINS, 2.0' AVG. DEPTH)			
STA.	LENGTH X WIDTH (FT)		QUANTITY (CU YD)
	LT	RT	
MAINLINE			
162+82.49	30x8	-	20
181+47.94	-	20x8	15
198+63.78	-	20x8	15
391+27.00	20x8	-	15
509+65.00	-	20x20	30
544+04.82	-	20x8	15
609+48.96	-	20x8	15
617+00.00	-	20x8	15
TOTAL			140

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	(6,7)Y, RS-1, 6B-1, 7B-1 & 7BR-2	EFFINGHAM	409	106
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 94356				

FOR PERMANENT DITCH RIPRAP SCHEDULE AND DETAILS, SEE SHEET 16

REVISIONS	
NAME	DATE

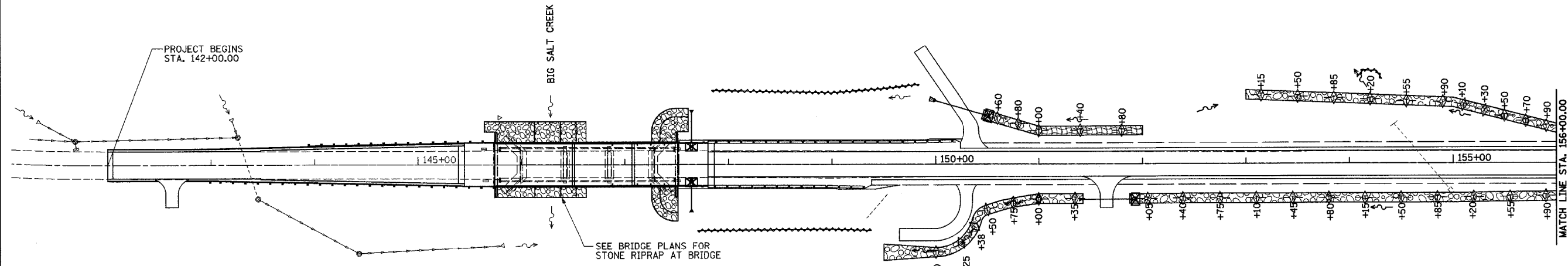
ILLINOIS DEPARTMENT OF TRANSPORTATION
**EROSION CONTROL PLAN
GENERAL NOTES & SCHEDULE
SHEET 1 OF 24**

DRAWN BY MLO
CHECKED BY TCG

DATE 11/01

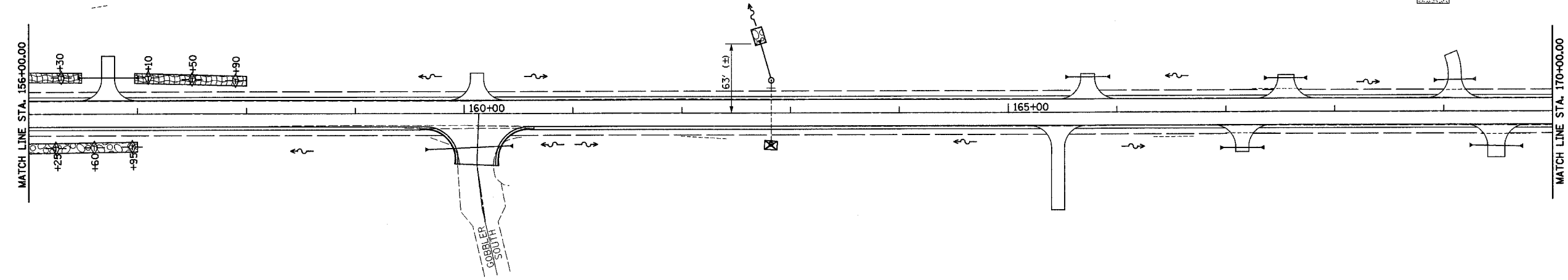
Revised 5/2/07

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95		EFFINGHAM	409	107
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
*16,7)Y, RS-1, 6B-1, 7B-1 & 7BR-2				
CONTRACT NO. 94356				



LEGEND

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- EARTH EXCAVATION FOR EROSION CONTROL
- INLET AND PIPE PROTECTION
- STONE RIPRAP OR GABIONS (SEE SCHEDULE)
- EROSION CONTROL BLANKET
- EXISTING RIPRAP



REVISIONS	
NAME	DATE

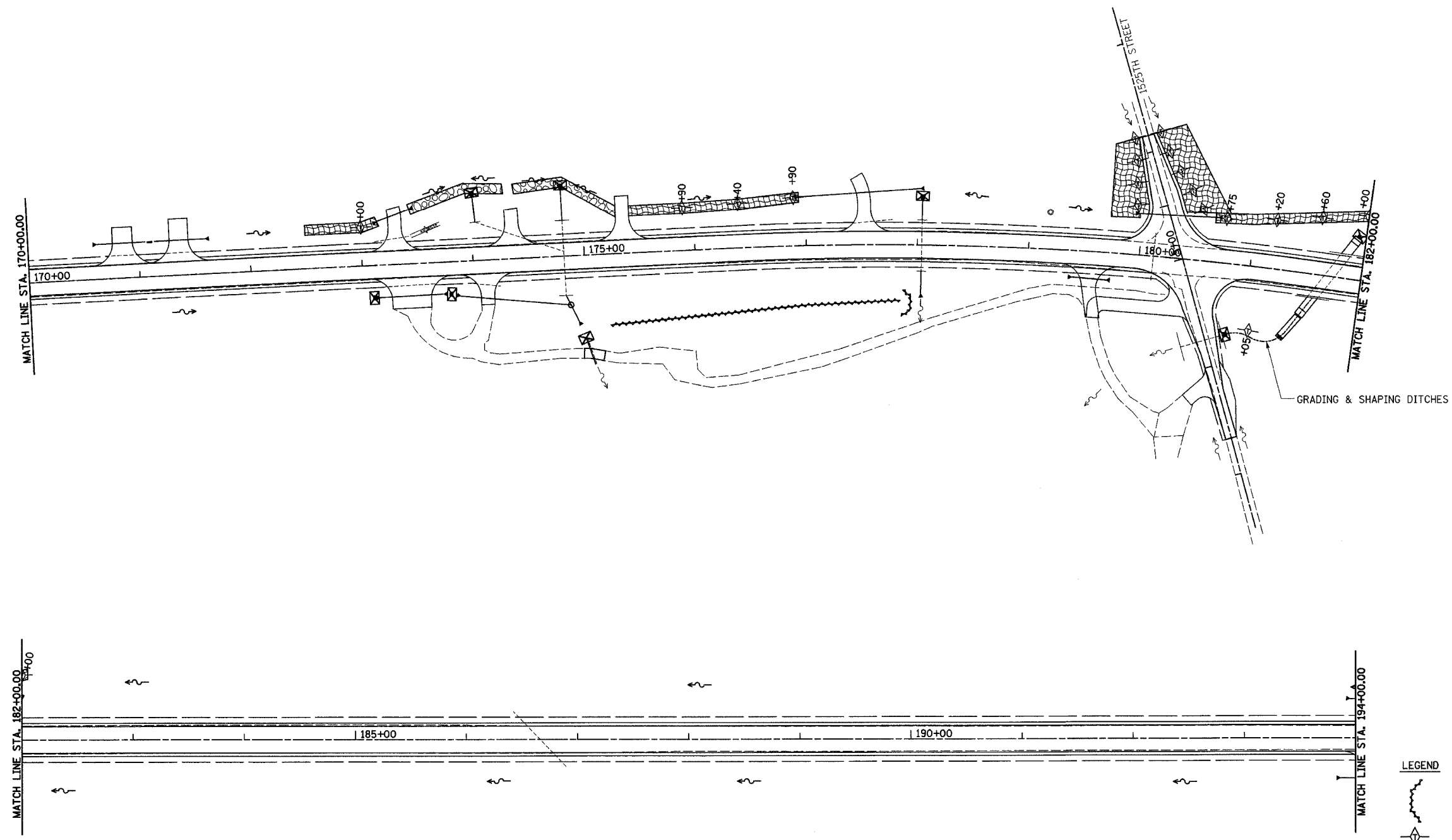
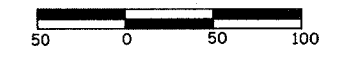
ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
STA 142+00.00 TO STA 170+00.00
SHEET 2 OF 24

DATE 2/02

DRAWN BY BDM
CHECKED BY TGC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	.	EFFINGHAM	409	108
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
*(6,7)Y, RS-1, 6B-1, 7B-1 & 7BR-2				
CONTRACT NO. 94356				



LEGEND

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- EARTH EXCAVATION FOR EROSION CONTROL
- INLET AND PIPE PROTECTION
- STONE RIPRAP OR GABIONS (SEE SCHEDULE)
- EROSION CONTROL BLANKET
- EXISTING RIPRAP

REVISIONS	
NAME	DATE

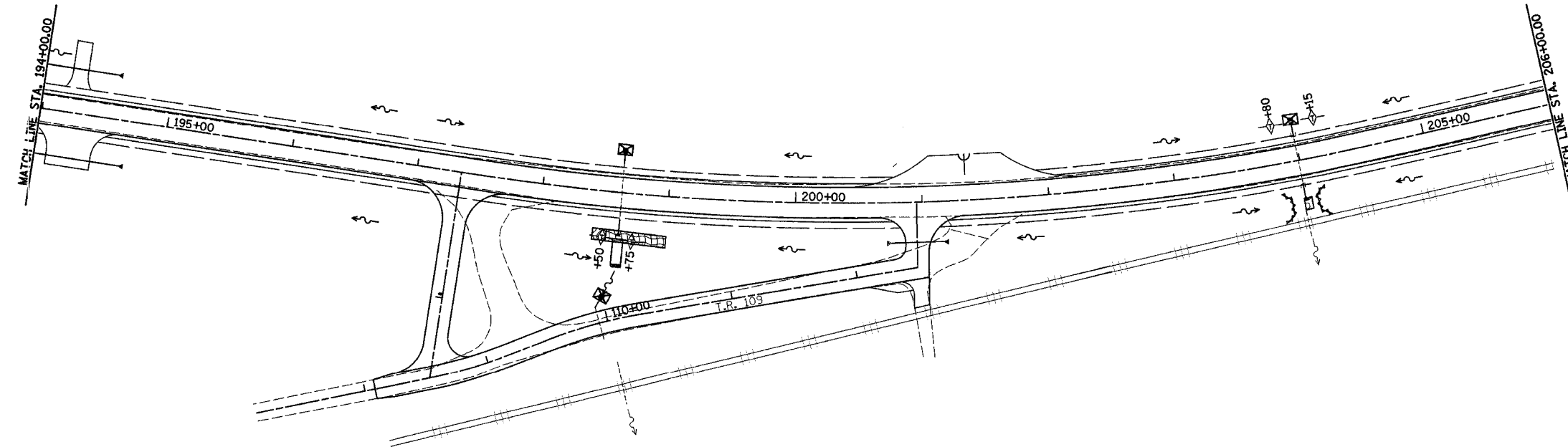
ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
 STA 170+00.00 TO STA 194+00.00
 SHEET 3 OF 24

DATE 2/02

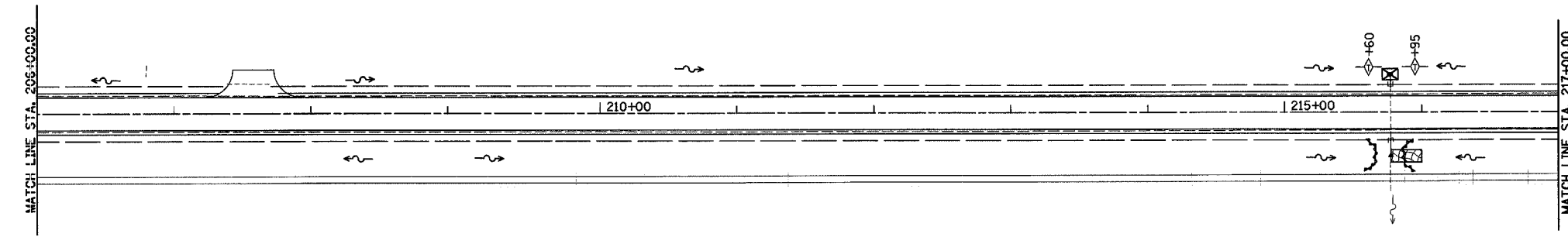
DRAWN BY BDM
 CHECKED BY TGC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	.	EFFINGHAM	409	109
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
			*6,7Y, RS-1, 6B-1, 7B-1 & 7BR-2	
CONTRACT NO. 94356				



LEGEND

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- EARTH EXCAVATION FOR EROSION CONTROL
- INLET AND PIPE PROTECTION
- STONE RIPRAP OR GABIONS (SEE SCHEDULE)
- EROSION CONTROL BLANKET
- EXISTING RIPRAP



REVISIONS	
NAME	DATE

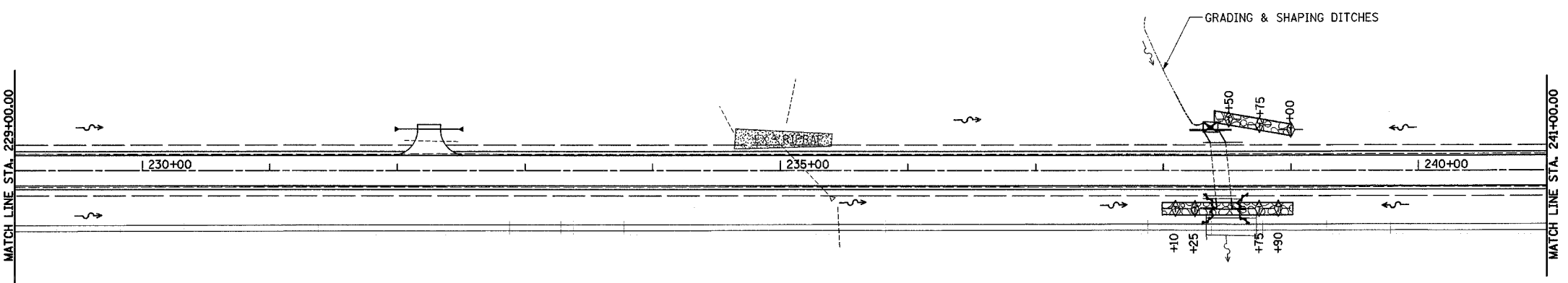
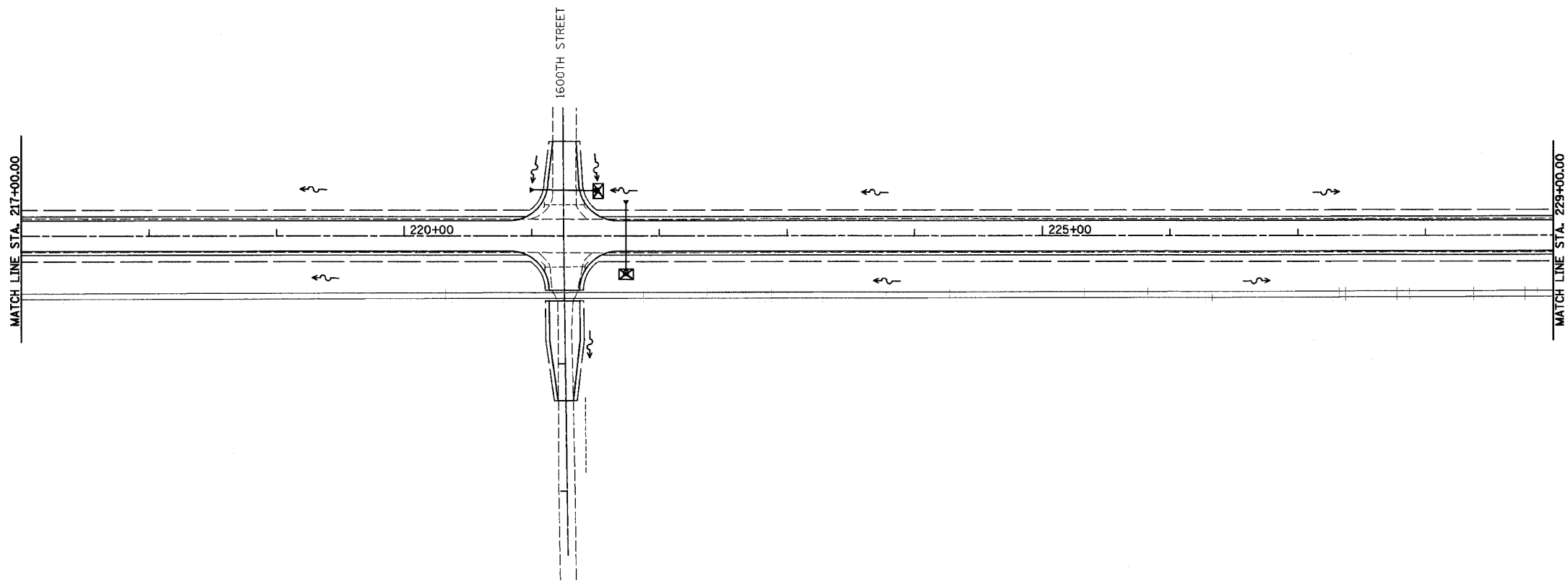
ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
 STA 194+00.00 TO STA 217+00.00
 SHEET 4 OF 24

DATE 2/02

DRAWN BY BDM
 CHECKED BY TGC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	110
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
*6,7)Y, RS-1, 6B-1, 7B-1 & 7BR-2		CONTRACT NO. 94356		



LEGEND

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- EARTH EXCAVATION FOR EROSION CONTROL
- INLET AND PIPE PROTECTION
- STONE RIPRAP OR GABIONS (SEE SCHEDULE)
- EROSION CONTROL BLANKET
- EXISTING RIPRAP

REVISIONS	
NAME	DATE

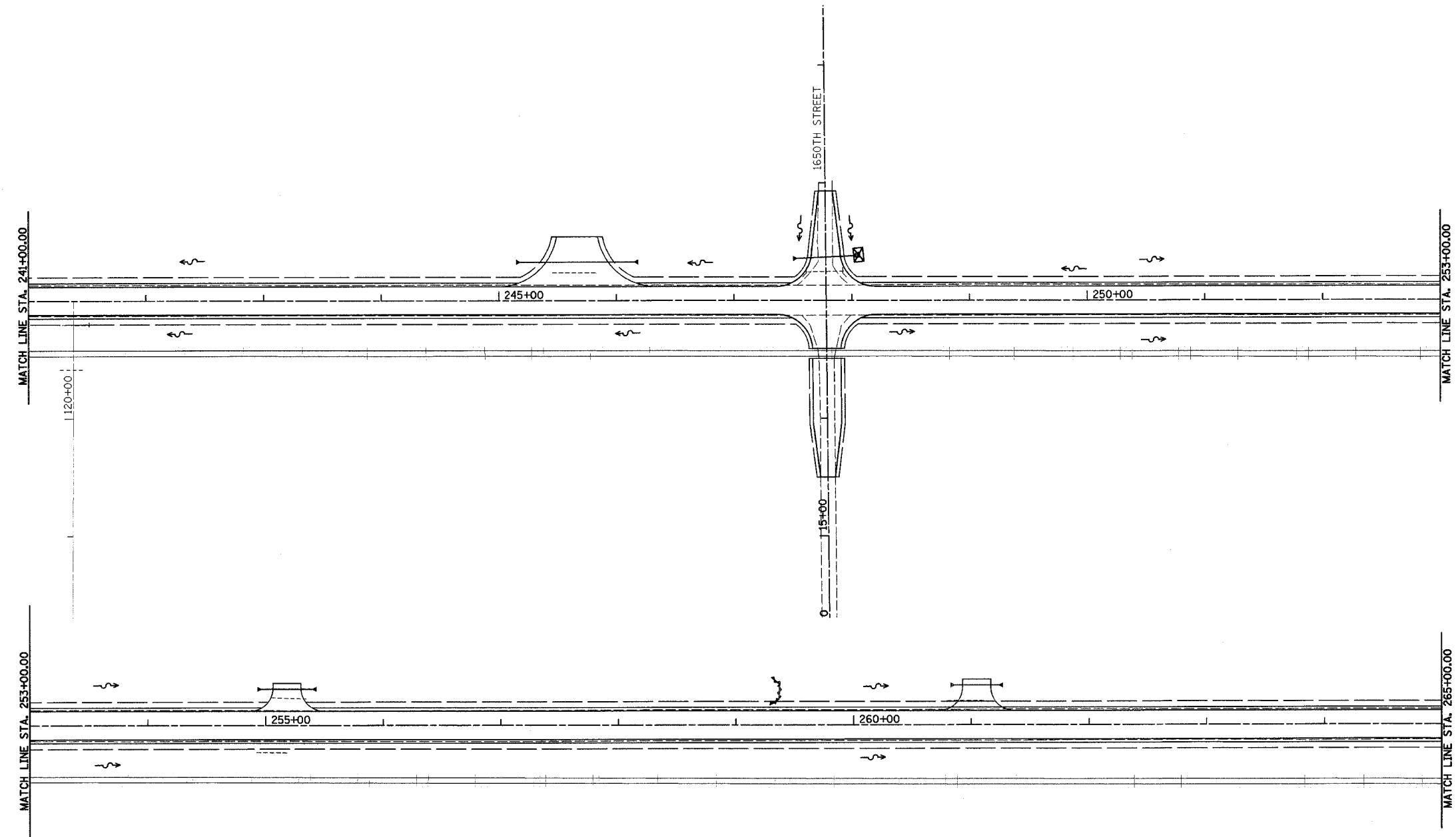
ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
 STA 217+00.00 TO STA 241+00.00
 SHEET 5 OF 24

DATE 2/02

DRAWN BY BDM
 CHECKED BY TGC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95		EFFINGHAM	409	111
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
*(6,7)Y, RS-1, 6B-1, 7B-1 & 7BR-2				
CONTRACT NO. 94356				



LEGEND

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- EARTH EXCAVATION FOR EROSION CONTROL
- INLET AND PIPE PROTECTION
- STONE RIPRAP OR GABIONS (SEE SCHEDULE)
- EROSION CONTROL BLANKET
- EXISTING RIPRAP

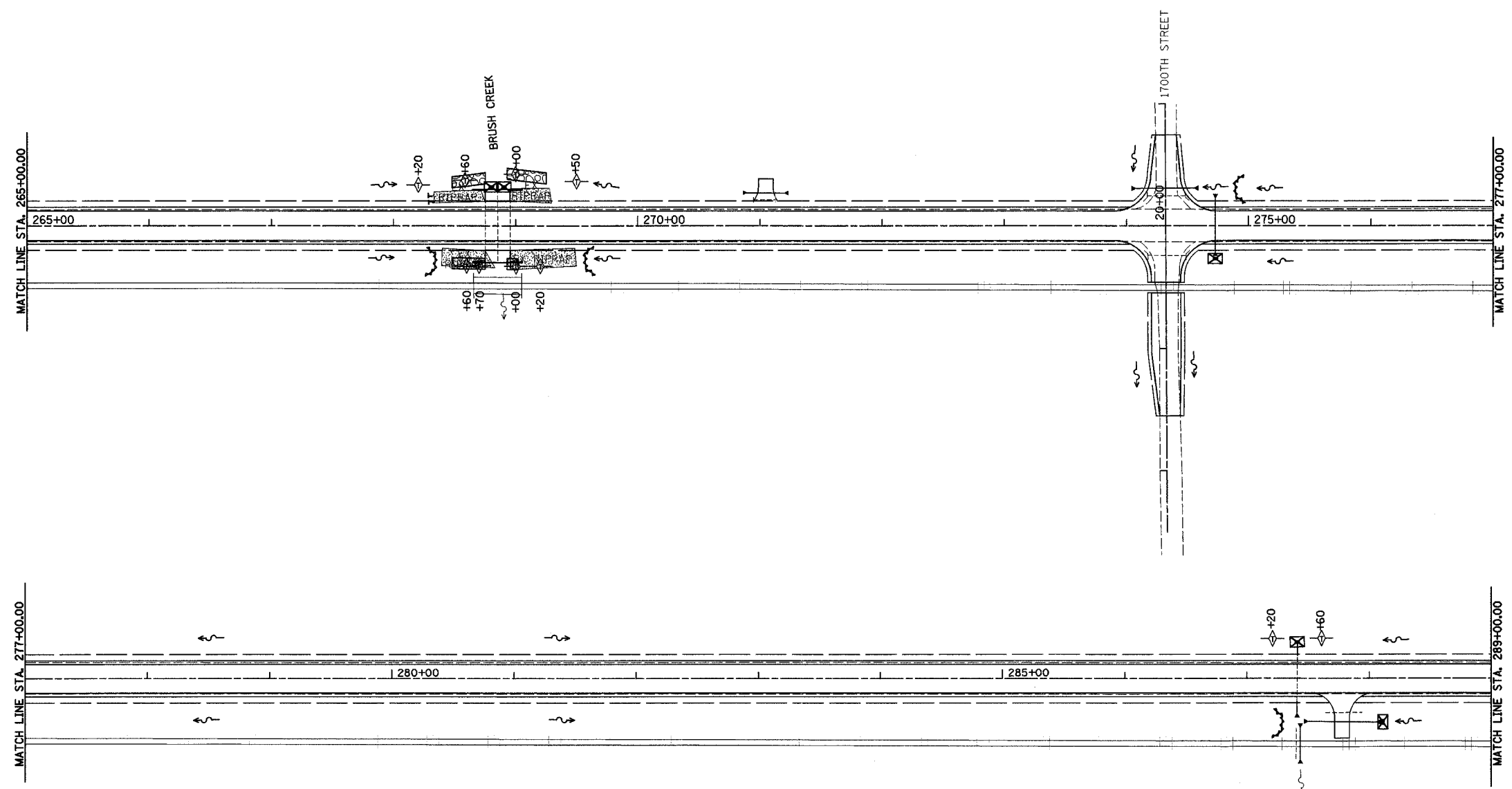
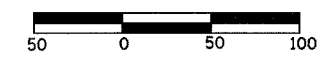
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
 STA 241+00.00 TO STA 265+00.00
 SHEET 6 OF 24

DATE 2/02
 DRAWN BY BDM
 CHECKED BY TGC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	•	EFFINGHAM	409	112
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
•(6,7)Y, RS-1, 6B-1, 7B-1 & 7BR-2				
CONTRACT NO. 94356				



LEGEND

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- EARTH EXCAVATION FOR EROSION CONTROL
- INLET AND PIPE PROTECTION
- STONE RIPRAP OR GABIONS (SEE SCHEDULE)
- EROSION CONTROL BLANKET
- EXISTING RIPRAP

REVISIONS	
NAME	DATE

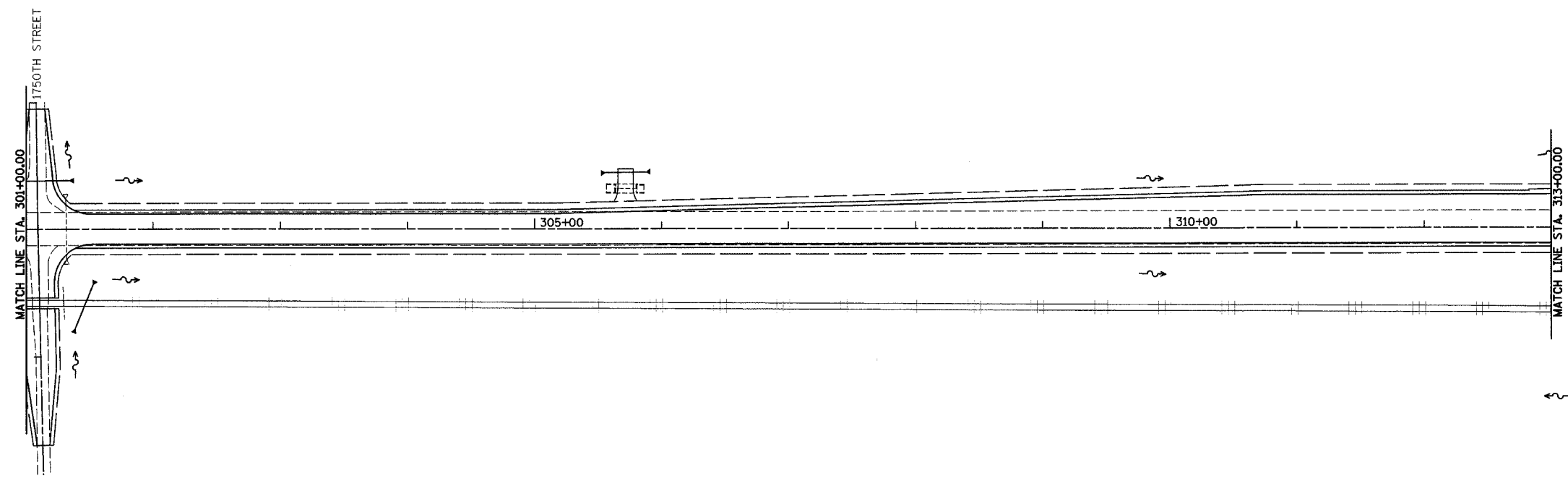
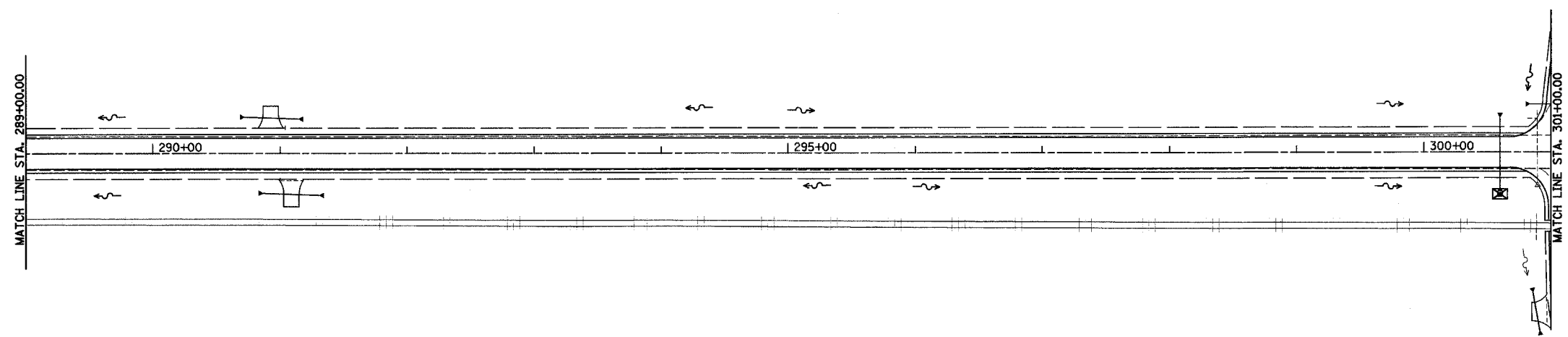
ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
 STA 265+00.00 TO STA 289+00.00
 SHEET 7 OF 24

DATE 2/02

DRAWN BY BDM
 CHECKED BY TGC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	113
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
*(6,7)Y, RS-1, 6B-1, 7B-1 & 7BR-2		CONTRACT NO. 94356		



- LEGEND**
- PERIMETER EROSION BARRIER
 - TEMPORARY DITCH CHECK
 - EARTH EXCAVATION FOR EROSION CONTROL
 - INLET AND PIPE PROTECTION
 - STONE RIPRAP AND GABIONS (SEE SCHEDULE)
 - EROSION CONTROL BLANKET
 - EXISTING RIPRAP

REVISIONS	
NAME	DATE

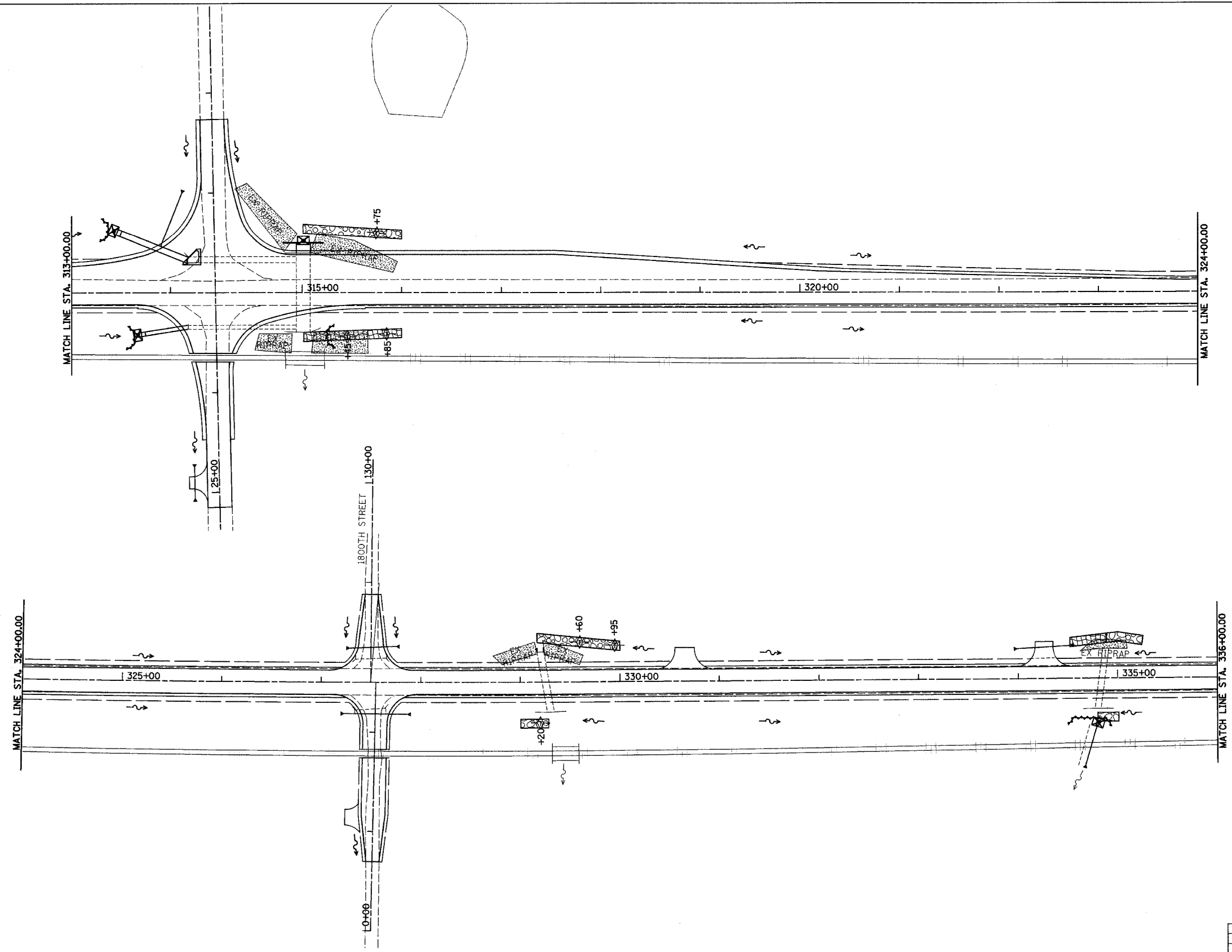
ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
 STA 289+00.00 TO STA 313+00.00
 SHEET 8 OF 24

DATE 2/02

DRAWN BY BDM
 CHECKED BY TGC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	114
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
*(6,7)Y, RS-1, 6B-1, 7B-1 & 7BR-2		CONTRACT NO. 94356		



LEGEND

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- EARTH EXCAVATION FOR EROSION CONTROL
- INLET AND PIPE PROTECTION
- STONE RIPRAP OR GABIONS (SEE SCHEDULE)
- EROSION CONTROL BLANKET
- EXISTING RIPRAP

REVISIONS	
NAME	DATE

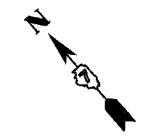
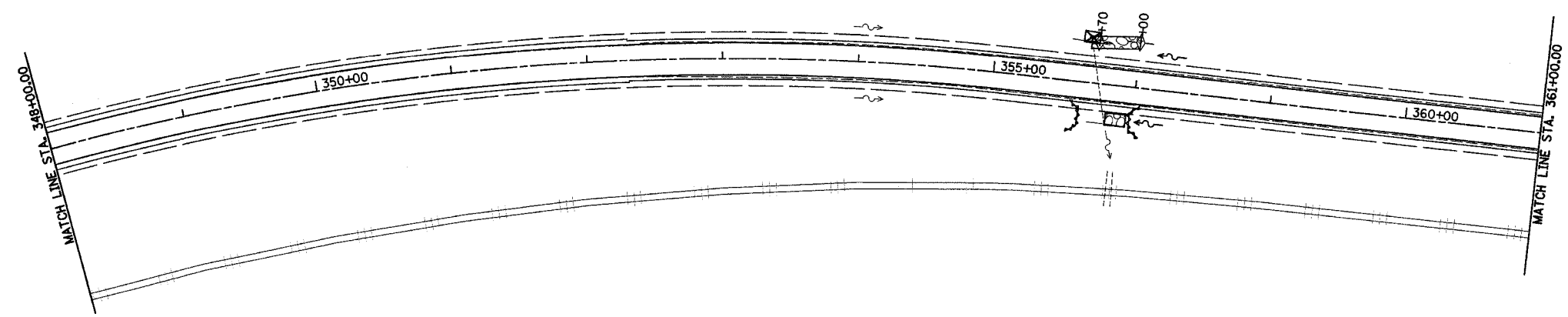
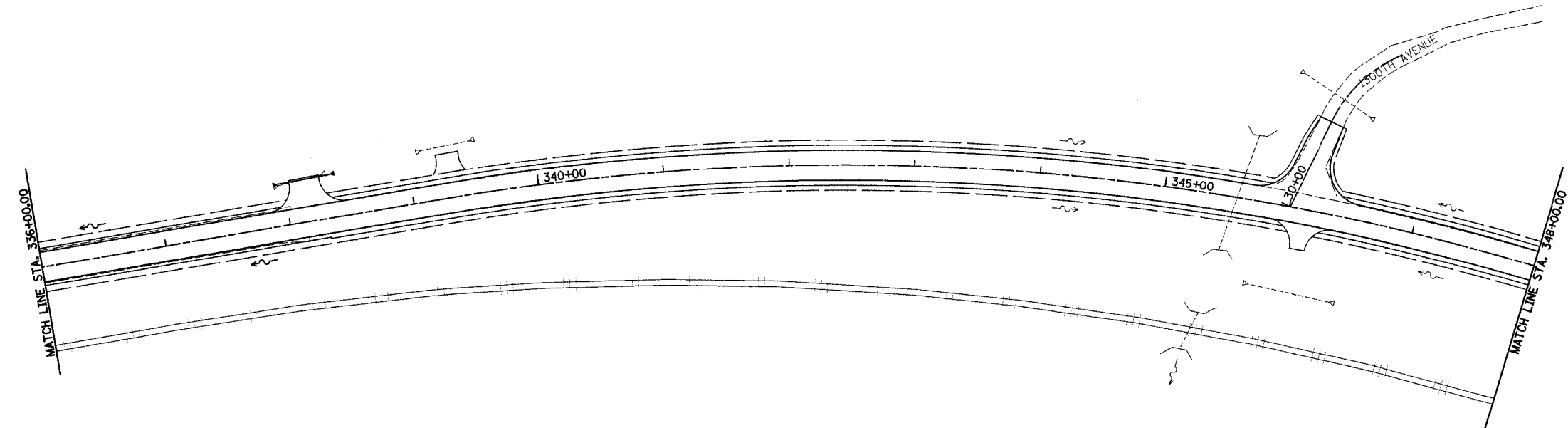
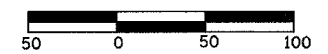
ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
 STA 313+00.00 TO STA 336+00.00
 SHEET 9 OF 24

DATE 2/02

DRAWN BY: BDM
 CHECKED BY: TGC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	115
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
*6,7)Y, RS-1, 6B-1, 7B-1 & 7BR-2		CONTRACT NO. 94356		



LEGEND

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- EARTH EXCAVATION FOR EROSION CONTROL
- INLET AND PIPE PROTECTION
- STONE RIPRAP OR GABIONS (SEE SCHEDULE)
- EROSION CONTROL BLANKET
- EXISTING RIPRAP

REVISIONS	
NAME	DATE

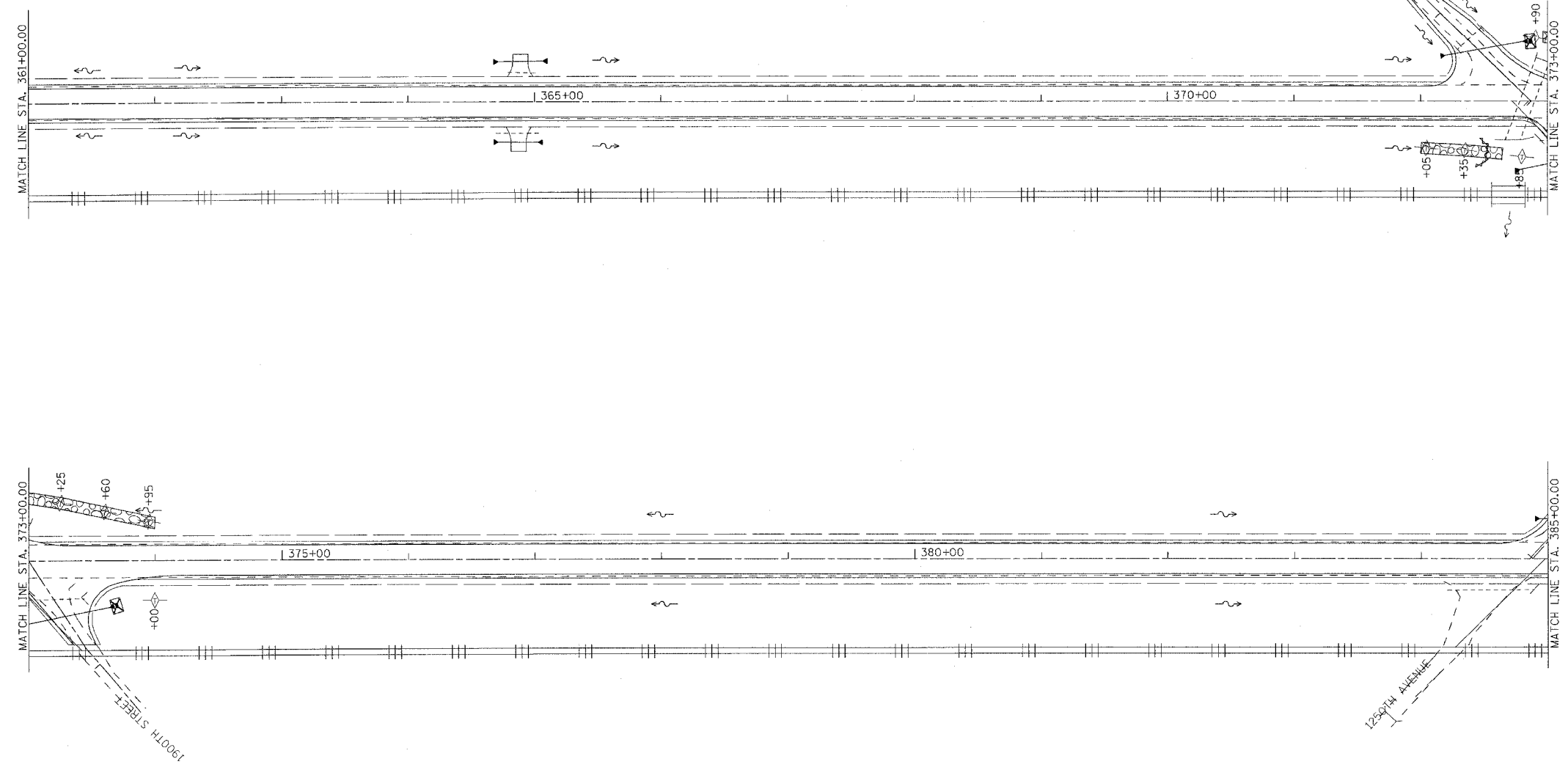
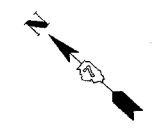
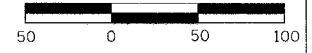
ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
 STA 336+00.00 TO STA 361+00.00
 SHEET 10 OF 24

DATE 2/02

DRAWN BY: BDM
 CHECKED BY: TGC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95		EFFINGHAM	409	116
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
*(6,7)Y, RS-1, 6B-1, 7B-1 & 7BR-2				
CONTRACT NO. 94356				



LEGEND

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- EARTH EXCAVATION FOR EROSION CONTROL
- INLET AND PIPE PROTECTION
- STONE RIPRAP OR GABIONS (SEE SCHEDULE)
- EROSION CONTROL BLANKET
- EXISTING RIPRAP

REVISIONS	
NAME	DATE

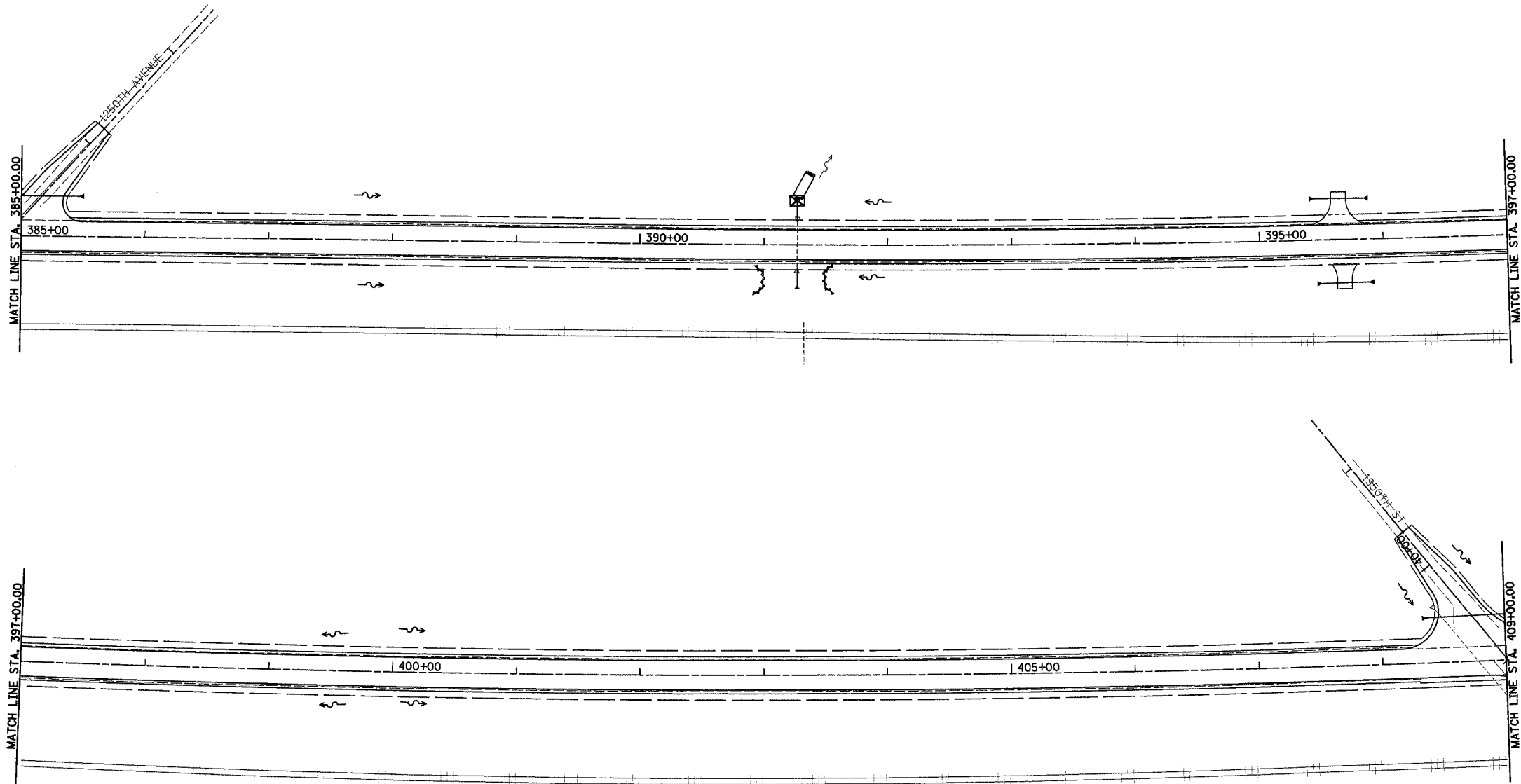
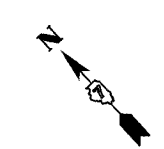
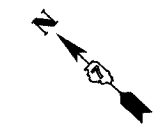
ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
 STA 361+00.00 TO STA 385+00.00
 SHEET 11 OF 24

DATE 2/02

DRAWN BY BDM
 CHECKED BY TCC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	•	EFFINGHAM	409	117
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
*(6,7)Y, RS-1, 6B-1, 7B-1 & 7BR-2				
CONTRACT NO. 94356				



LEGEND

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- EARTH EXCAVATION FOR EROSION CONTROL
- INLET AND PIPE PROTECTION
- STONE RIPRAP OR GABIONS (SEE SCHEDULE)
- EROSION CONTROL BLANKET
- EXISTING RIPRAP

REVISIONS	
NAME	DATE

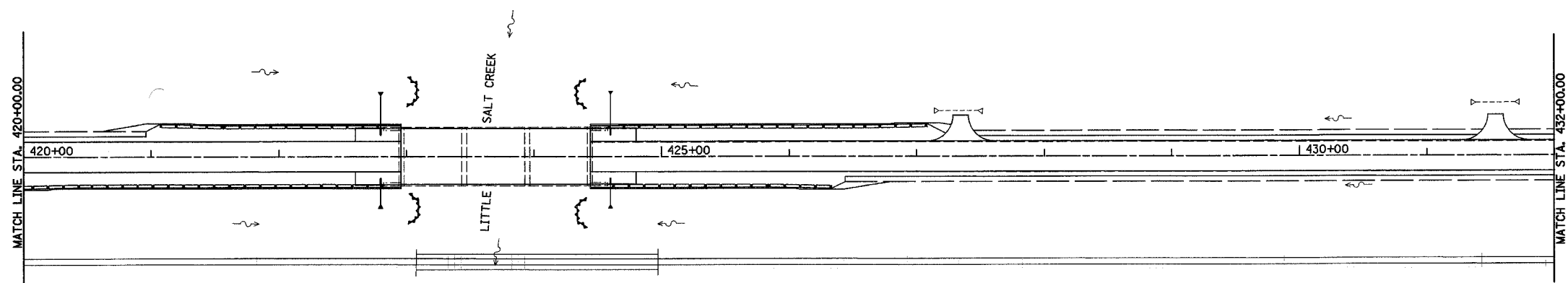
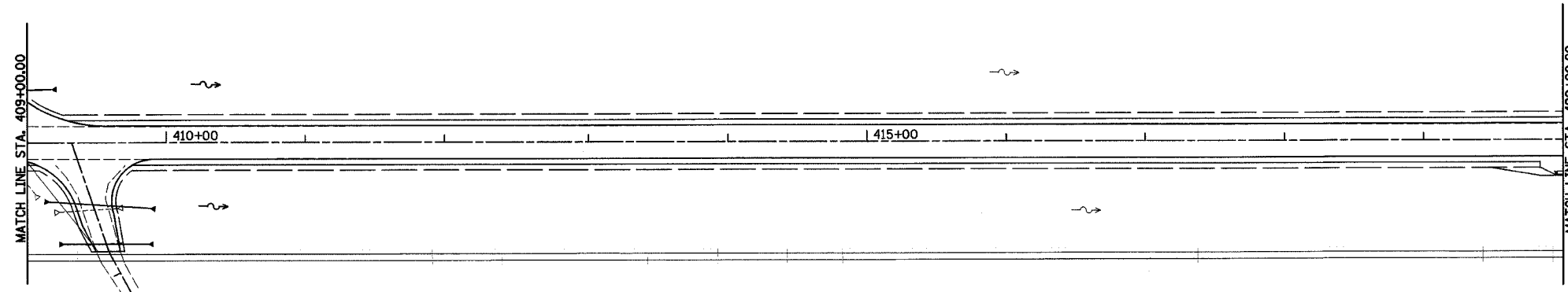
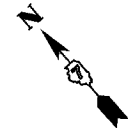
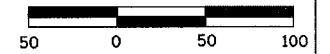
ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
 STA 385+00.00 TO STA 409+00.00
 SHEET 12 OF 24



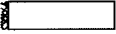




DATE 2/02

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 CHECKED BY TGC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	•	EFFINGHAM	409	118
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
*(6,7)Y, RS-1, 6B-1, 7B-1 & 7BR-2				
CONTRACT NO. 94356				



LEGEND

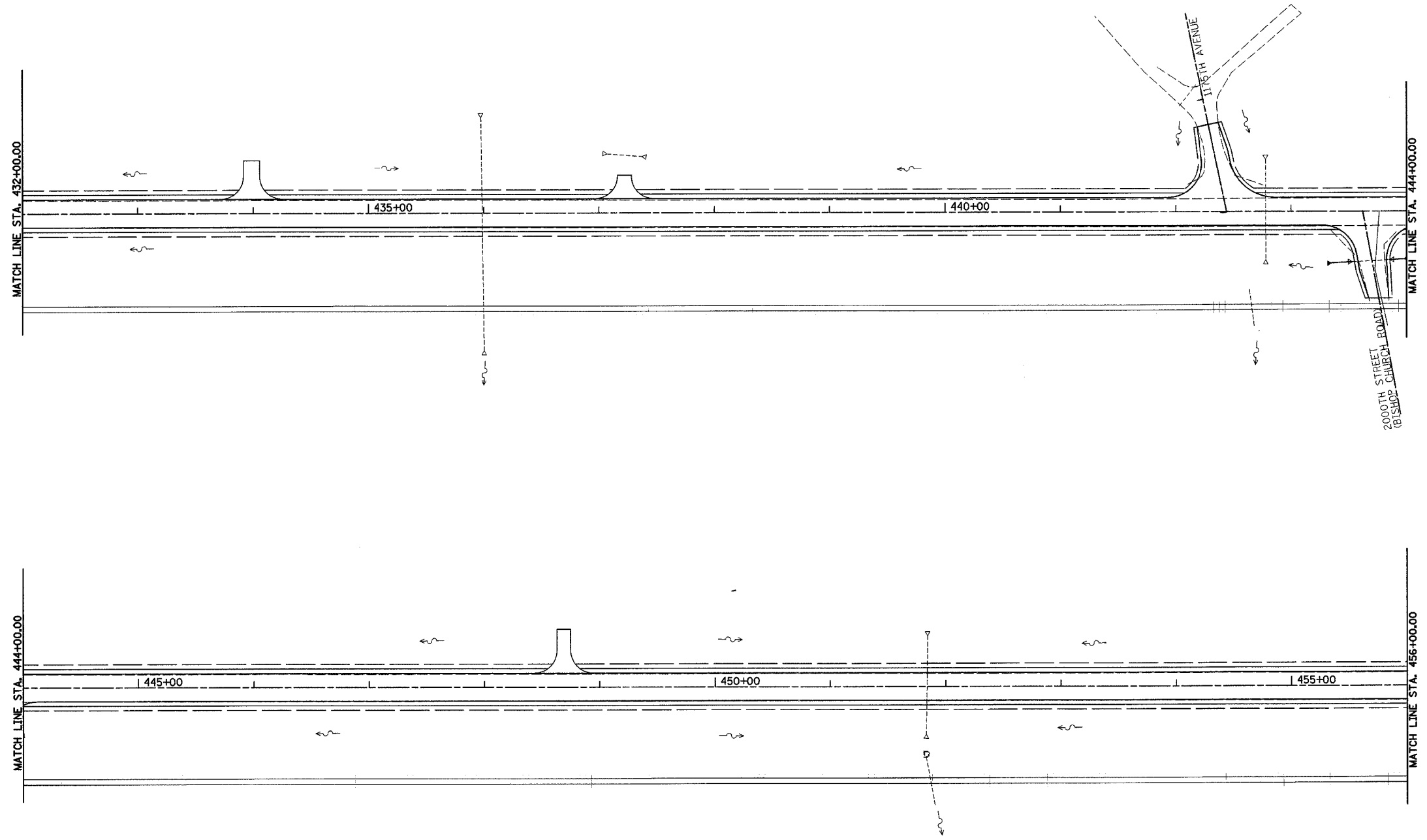
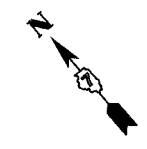
-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECK
-  EARTH EXCAVATION FOR EROSION CONTROL
-  INLET AND PIPE PROTECTION
-  STONE RIPRAP OR GABIONS (SEE SCHEDULE)
-  EROSION CONTROL BLANKET
-  EXISTING RIPRAP

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLAN
 STA 409+00.00 TO STA 432+00.00
 SHEET 13 OF 24

DATE 2/02
 DRAWN BY BDM
 CHECKED BY TGC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	(6,7)Y, RS-1, 6B-1, 7B-1 & 7BR-2	EFFINGHAM	409	119
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 94356				



LEGEND

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- EARTH EXCAVATION FOR EROSION CONTROL
- INLET AND PIPE PROTECTION
- STONE RIPRAP OR GABIONS (SEE SCHEDULE)
- EROSION CONTROL BLANKET
- EXISTING RIPRAP

REVISIONS	
NAME	DATE

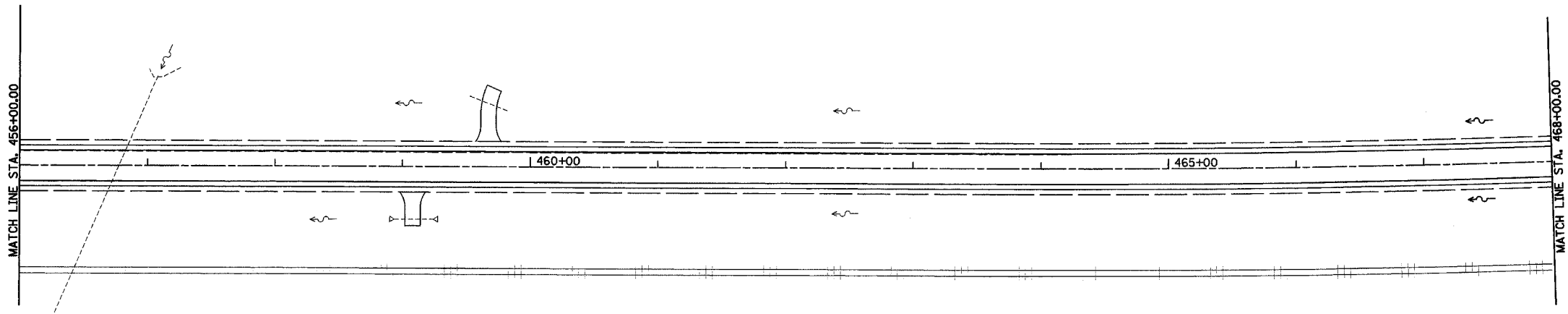
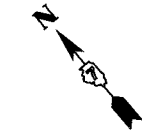
ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
 STA 432+00.00 TO STA 456+00.00
 SHEET 14 OF 24

DATE 2/02

DRAWN BY: BDM
 CHECKED BY: TGC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	•	EFFINGHAM	409	120
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
#(6,7)Y, RS-1, 6B-1, 7B-1 & 7BR-2				
CONTRACT NO. 94356				



- LEGEND**
- PERIMETER EROSION BARRIER
 - TEMPORARY DITCH CHECK
 - EARTH EXCAVATION FOR EROSION CONTROL
 - INLET AND PIPE PROTECTION
 - STONE RIPRAP OR GABIONS (SEE SCHEDULE)
 - EROSION CONTROL BLANKET
 - EXISTING RIPRAP

REVISIONS	
NAME	DATE

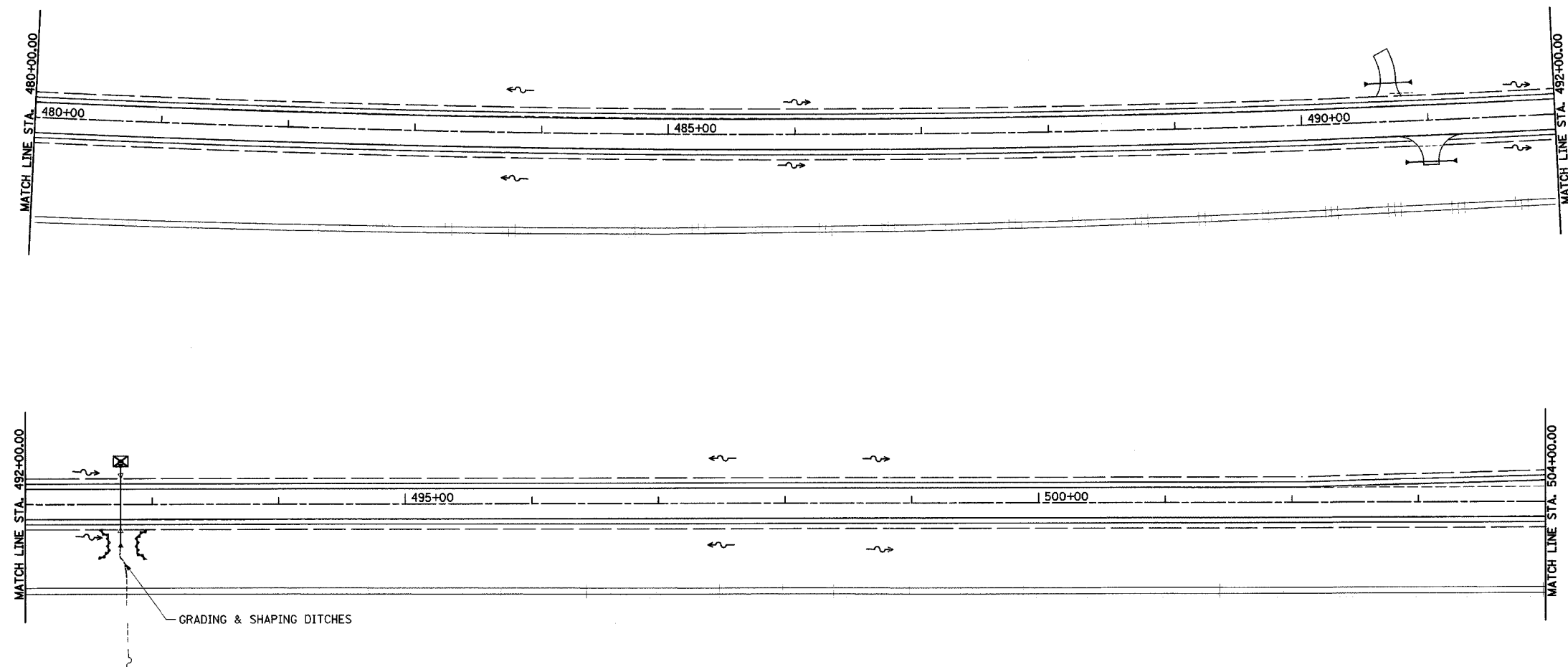
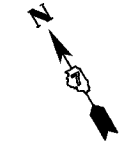
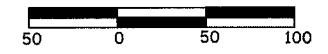
ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
 STA 456+00.00 TO STA 480+00.00
 SHEET 15 OF 24

DATE 2/02

DRAWN BY BDM
 CHECKED BY TGC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95		EFFINGHAM	409	121
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
(6,7)Y, RS-1, 6B-1, 7B-1 & 7BR-2		CONTRACT NO. 94356		



LEGEND

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- EARTH EXCAVATION FOR EROSION CONTROL
- INLET AND PIPE PROTECTION
- STONE RIPRAP OR GABIONS (SEE SCHEDULE)
- EROSION CONTROL BLANKET
- EXISTING RIPRAP

REVISIONS	
NAME	DATE

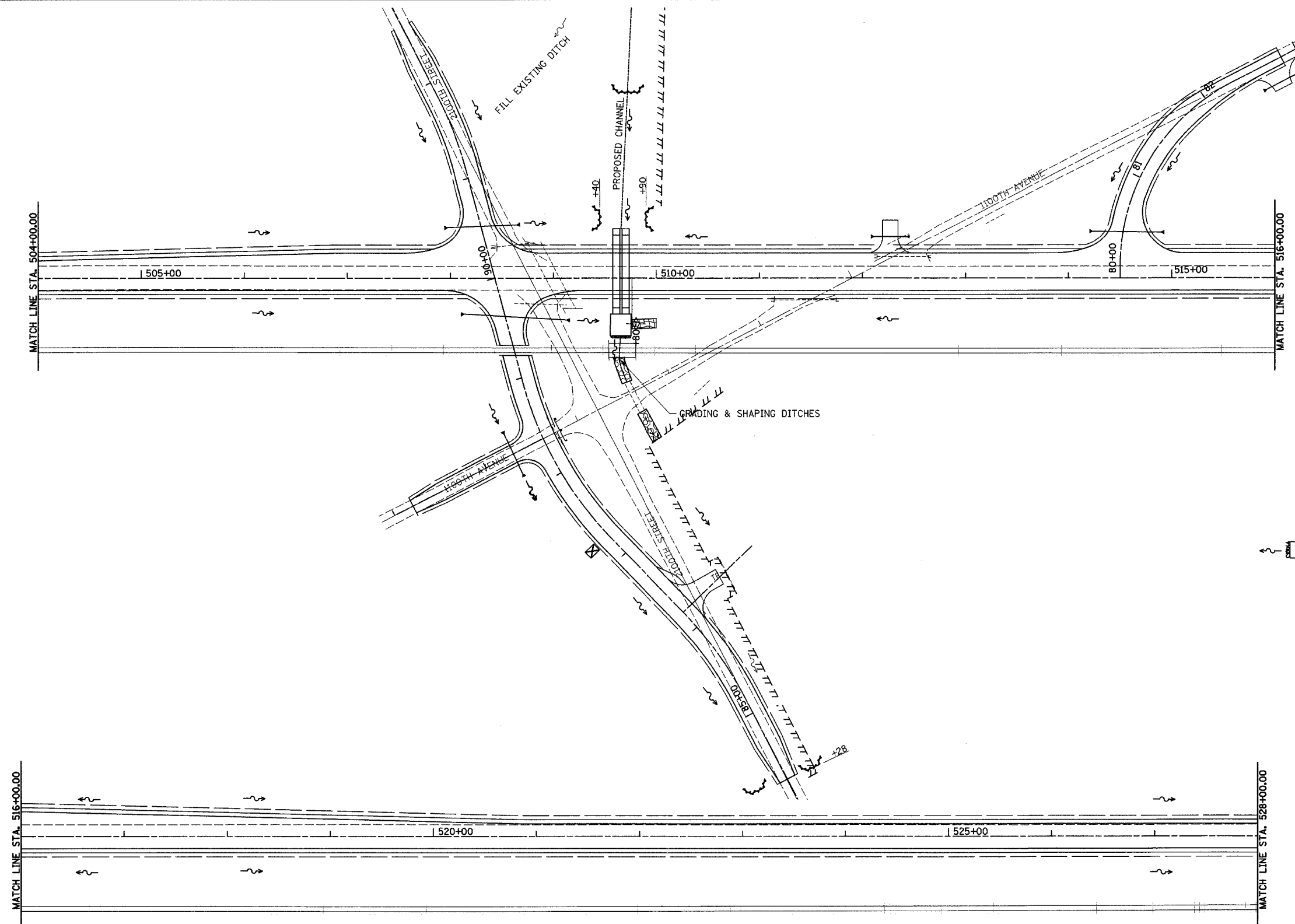
ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
 STA 480+00.00 TO STA 504+00.00
 SHEET 16 OF 24

DATE 2/02

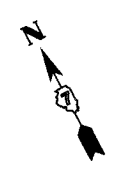
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	.	EFFINGHAM	409	122
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
#16,7(Y, RS-1, 6B-1, 7B-1 & 7BR-2		CONTRACT NO. 94356		



LEGEND

	PERIMETER EROSION BARRIER
	TEMPORARY DITCH CHECK
	EARTH EXCAVATION FOR EROSION CONTROL
	INLET AND PIPE PROTECTION
	STONE RIPRAP OR GABIONS (SEE SCHEDULE)
	EROSION CONTROL BLANKET
	EXISTING RIPRAP



REVISIONS	
NAME	DATE

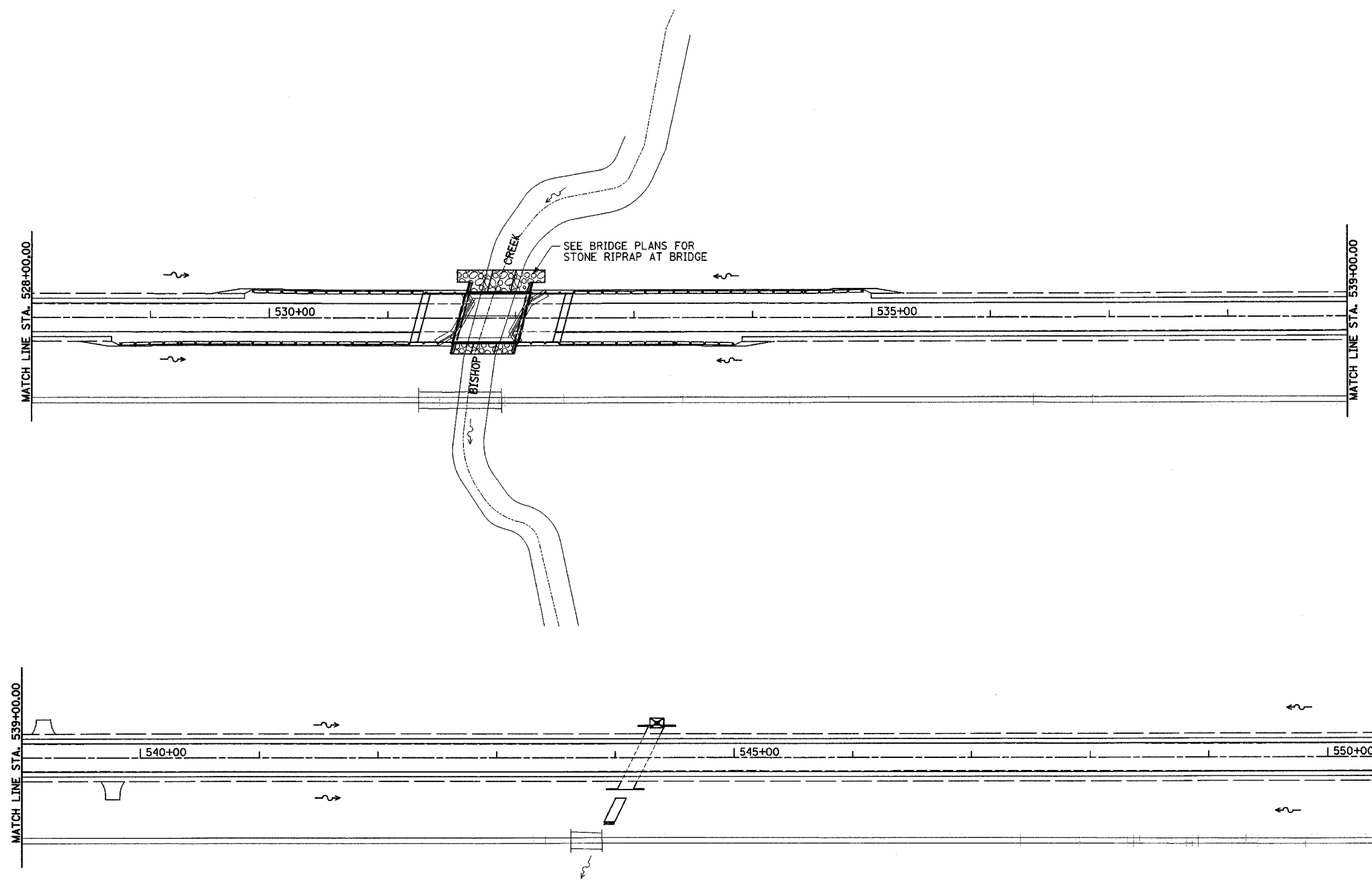
ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
 STA 504+00.00 TO STA 528+00.00
 SHEET 17 OF 24








DATE 2/02

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 CHECKED BY TGC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95		EFFINGHAM	409	123
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
*16,7)Y, RS-1, 6B-1, 7B-1 & 7B-2				
CONTRACT NO. 94356				



LEGEND

-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECK
-  EARTH EXCAVATION FOR EROSION CONTROL
-  INLET AND PIPE PROTECTION
-  STONE RIPRAP OR GABIONS (SEE SCHEDULE)
-  EROSION CONTROL BLANKET
-  EXISTING RIPRAP



REVISIONS	
NAME	DATE

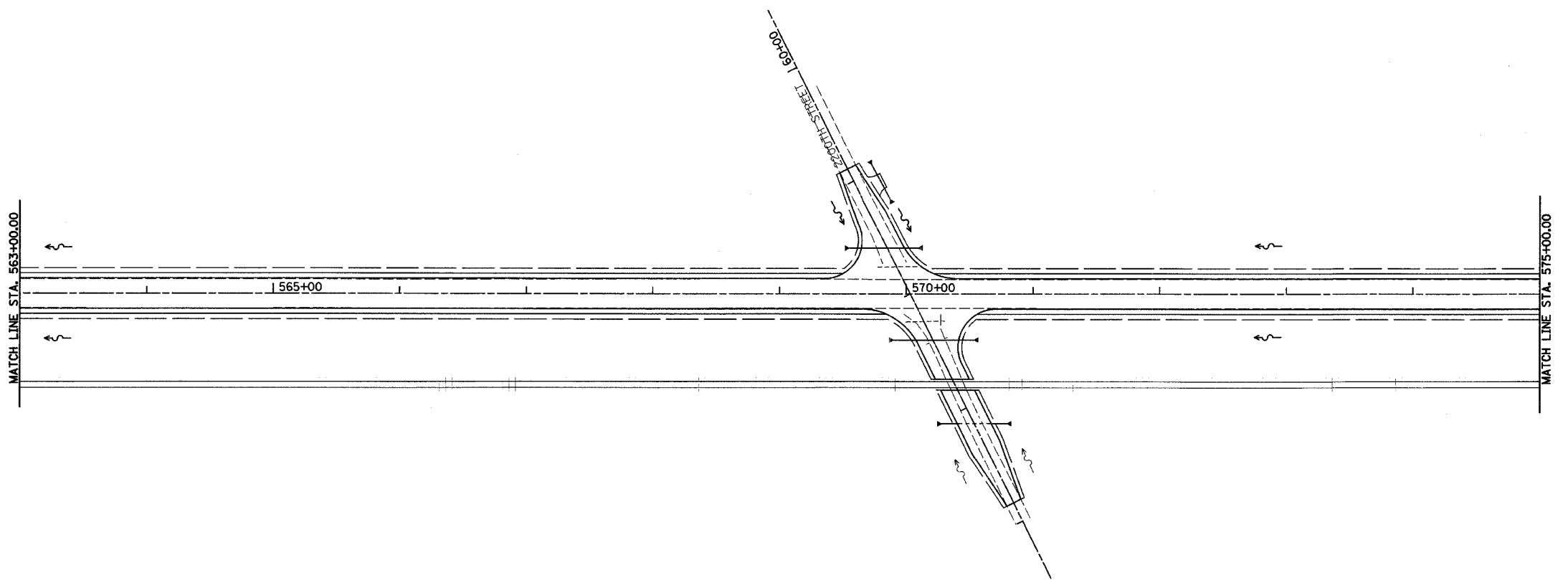
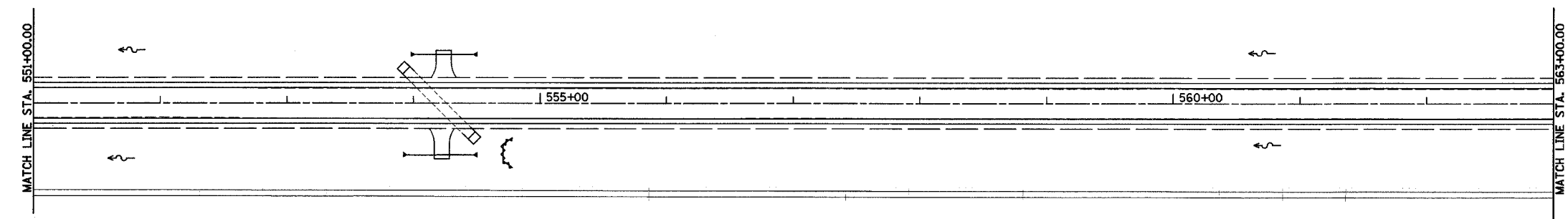
ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
STA 528+00.00 TO STA 551+00.00
SHEET 18 OF 24

DATE 2/02

DRAWN BY BDM
CHECKED BY TGC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	•	EFFINGHAM	409	124
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
*(6,7)Y, RS-1, 6B-1, 7B-1 & 7BR-2		CONTRACT NO. 94356		



LEGEND

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- EARTH EXCAVATION FOR EROSION CONTROL
- INLET AND PIPE PROTECTION
- STONE RIPRAP OR GABIONS (SEE SCHEDULE)
- EROSION CONTROL BLANKET
- EXISTING RIPRAP

REVISIONS	
NAME	DATE

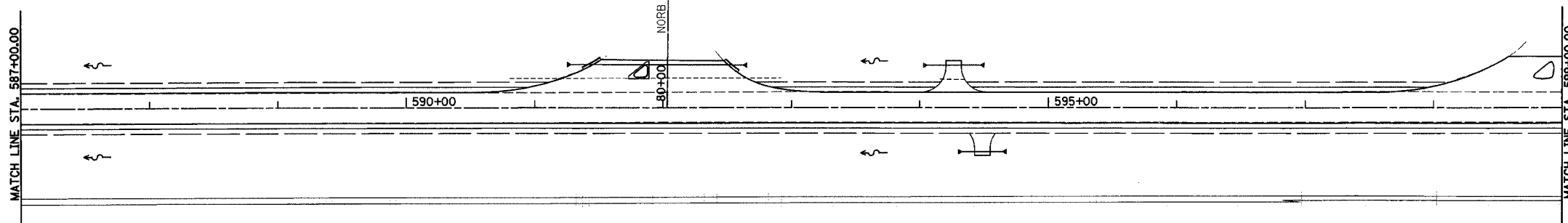
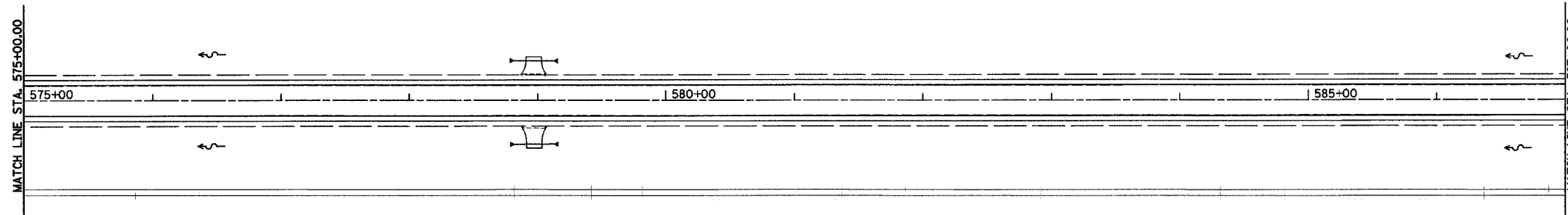
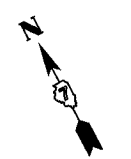
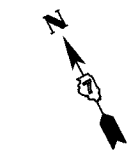
ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
 STA 551+00.00 TO STA 575+00.00
 SHEET 19 OF 24

DATE 2/02

DRAWN BY BDM
 CHECKED BY TGC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	•	EFFINGHAM	409	125
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
*16,7)Y, RS-1, 6B-1, 7B-1 & 7BR-2				
CONTRACT NO. 94356				



- LEGEND**
- PERIMETER EROSION BARRIER
 - TEMPORARY DITCH CHECK
 - EARTH EXCAVATION FOR EROSION CONTROL
 - INLET AND PIPE PROTECTION
 - STONE RIPRAP OR GABIONS (SEE SCHEDULE)
 - EROSION CONTROL BLANKET
 - EXISTING RIPRAP

REVISIONS	
NAME	DATE

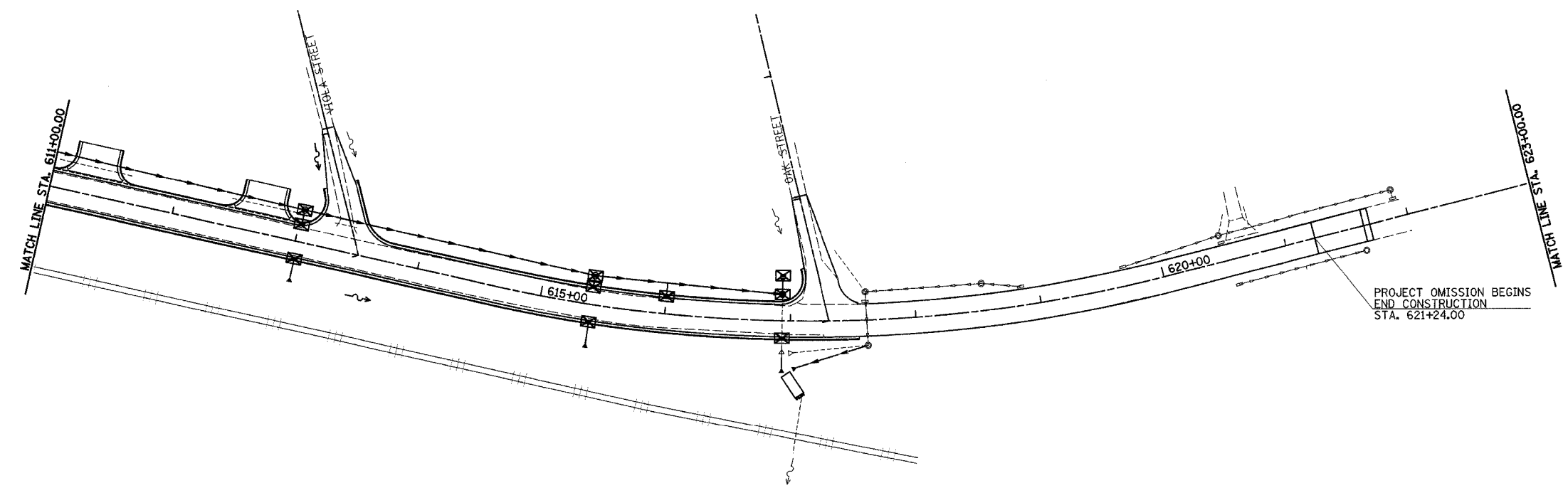
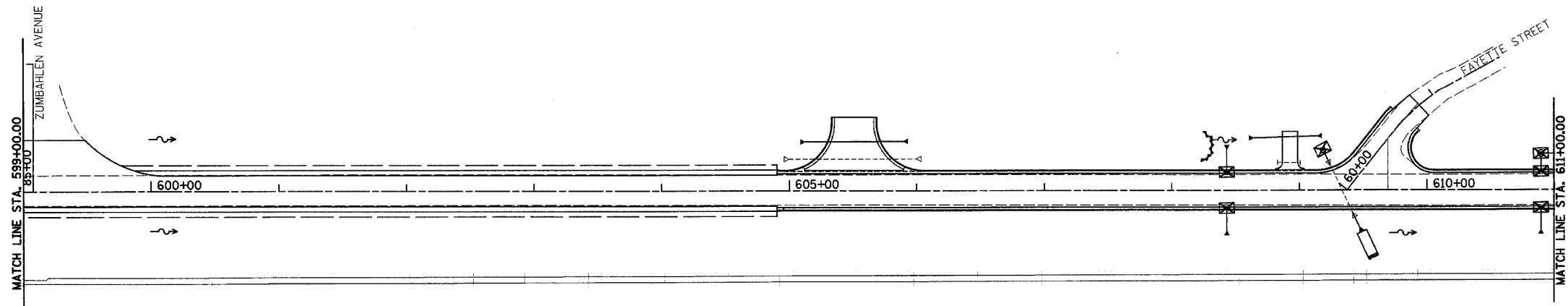
ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
 STA 575+00.00 TO STA 599+00.00
 SHEET 20 OF 24

DATE 2/02

DRAWN BY BDM
 CHECKED BY TGC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	(6,7)Y	EFFINGHAM	409	126
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
*6,7)Y, RS-1, 6B-1, 7B-1 & 7BR-2				
CONTRACT NO. 94356				



- LEGEND**
- PERIMETER EROSION BARRIER
 - TEMPORARY DITCH CHECK
 - EARTH EXCAVATION FOR EROSION CONTROL
 - INLET AND PIPE PROTECTION
 - STONE RIPRAP OR GABIONS (SEE SCHEDULE)
 - EROSION CONTROL BLANKET
 - EXISTING RIPRAP

REVISIONS	
NAME	DATE

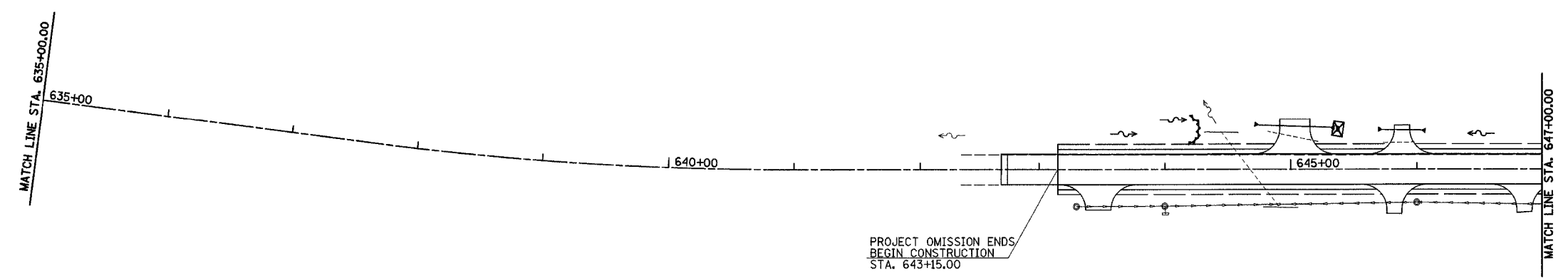
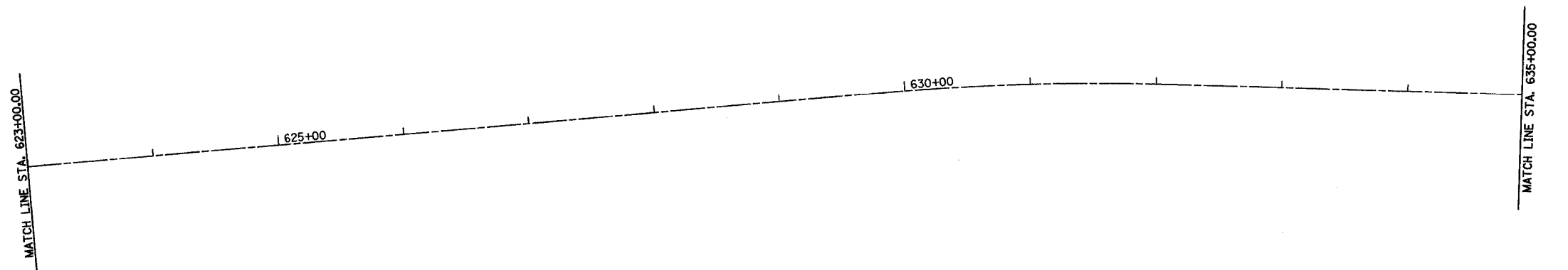
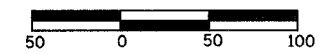
ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
 STA 599+00.00 TO STA 623+00.00
 SHEET 21 OF 24

DATE 2/02

DRAWN BY BDM
 CHECKED BY TGC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	•	EFFINGHAM	409	127
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
*(6,7)Y, RS-1, 6B-1, 7B-1 & 7BR-2				
CONTRACT NO. 94356				



PROJECT OMISSION ENDS
BEGIN CONSTRUCTION
STA. 643+15.00

LEGEND

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- EARTH EXCAVATION FOR EROSION CONTROL
- INLET AND PIPE PROTECTION
- STONE RIPRAP OR GABIONS (SEE SCHEDULE)
- EROSION CONTROL BLANKET
- EXISTING RIPRAP

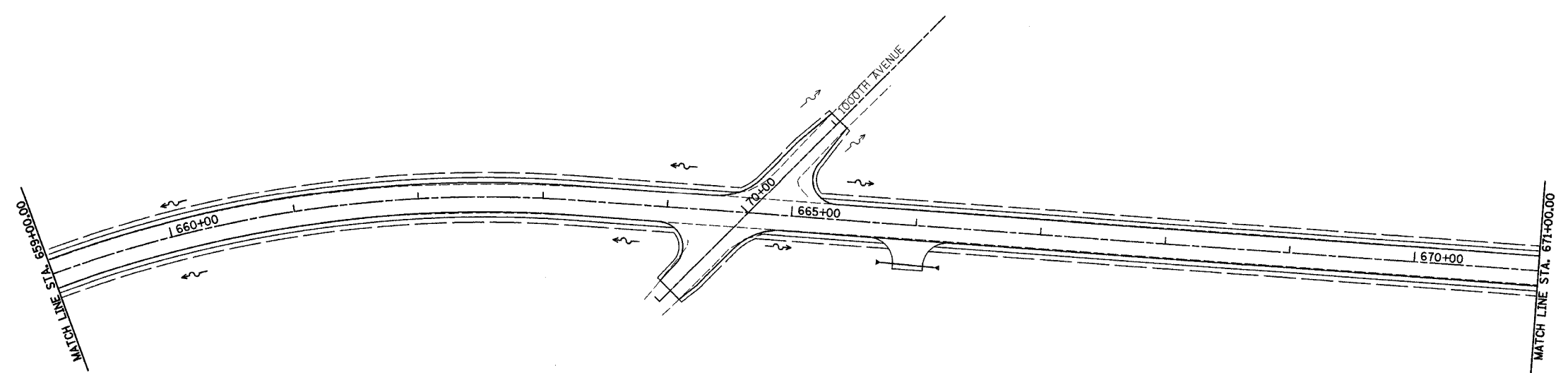
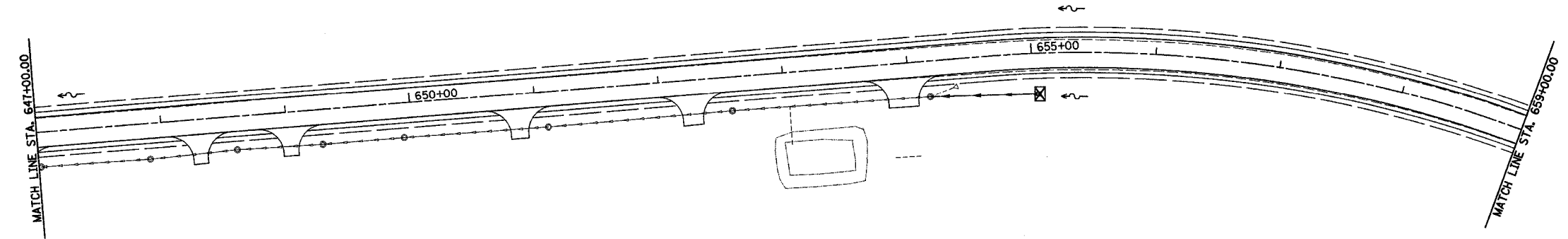
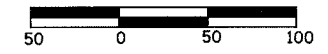
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
STA 623+00.00 TO STA 647+00.00
SHEET 22 OF 24

DATE 2/02
DRAWN BY BDM
CHECKED BY TGC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	•	EFFINGHAM	409	128
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
*16,71Y, RS-1, 6B-1, 7B-1 & 7BR-2				
CONTRACT NO. 94356				



- LEGEND**
- PERIMETER EROSION BARRIER
 - TEMPORARY DITCH CHECK
 - EARTH EXCAVATION FOR EROSION CONTROL
 - INLET AND PIPE PROTECTION
 - STONE RIPRAP OR GABIONS (SEE SCHEDULE)
 - EROSION CONTROL BLANKET
 - EXISTING RIPRAP

REVISIONS	
NAME	DATE

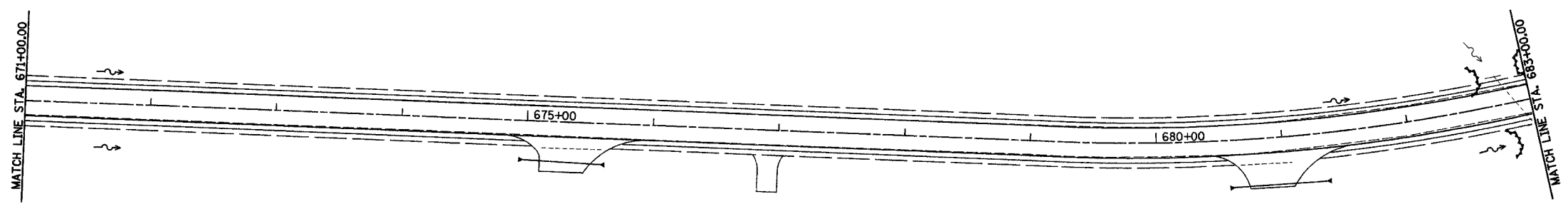
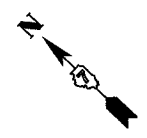
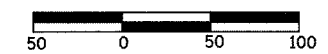
ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
 STA 647+00.00 TO STA 671+00.00
 SHEET 23 OF 24

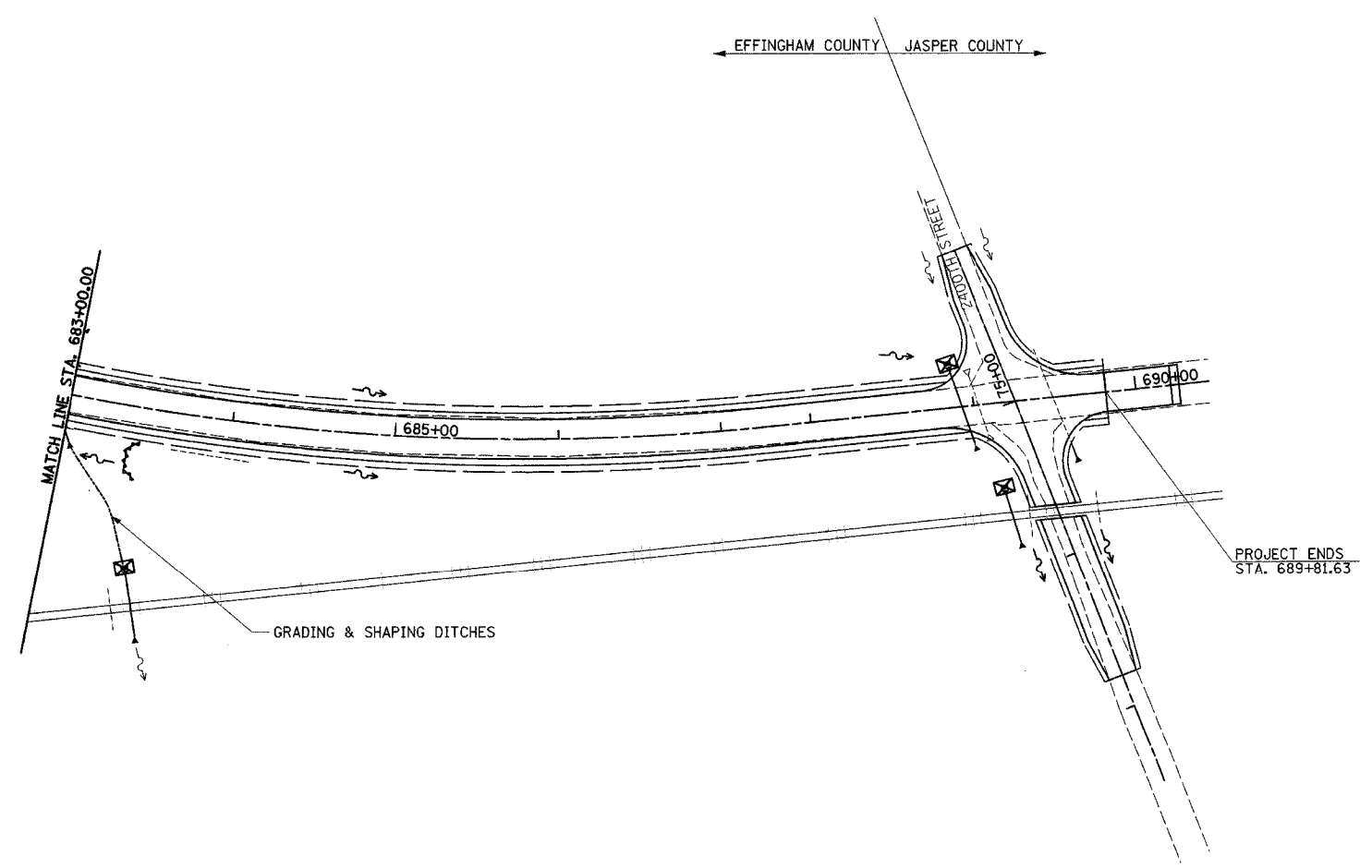
DATE 2/02

DRAWN BY BDM
 CHECKED BY TGC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	129
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
*(6,7)Y, RS-1, 6B-1, 7B-1 & 7BR-2				
CONTRACT NO. 94356				



← EFFINGHAM COUNTY JASPER COUNTY →



LEGEND

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- EARTH EXCAVATION FOR EROSION CONTROL
- INLET AND PIPE PROTECTION
- STONE RIPRAP OR GABIONS (SEE SCHEDULE)
- EROSION CONTROL BLANKET
- EXISTING RIPRAP

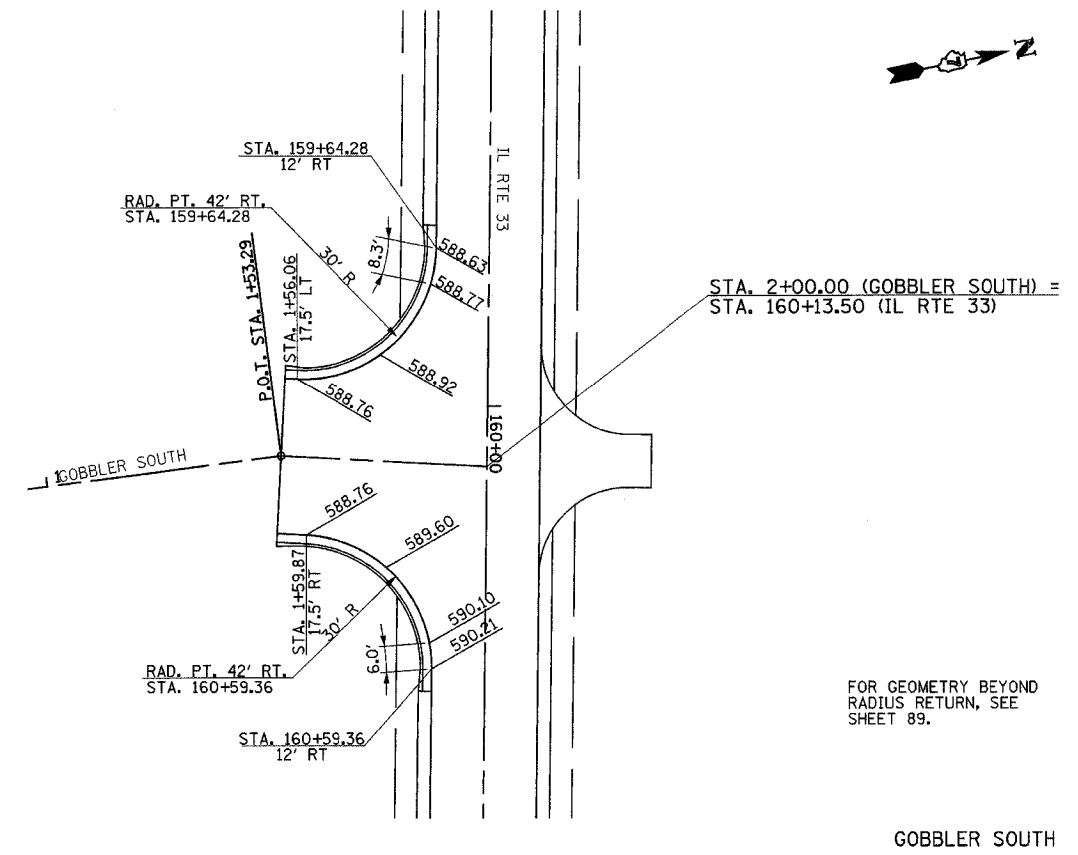
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

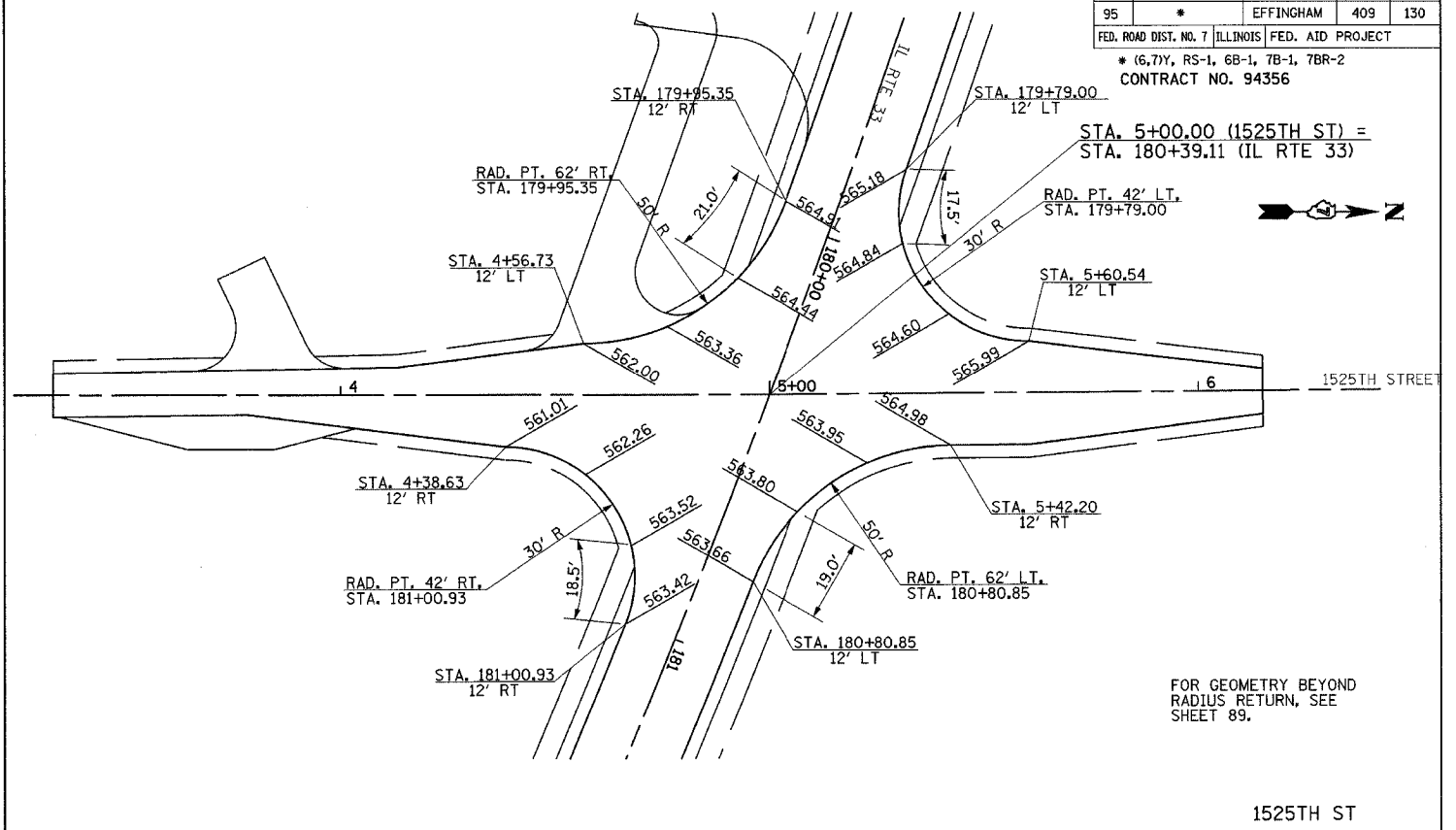
EROSION CONTROL PLAN
STA 671+00.00 TO STA 689+36.68
SHEET 24 OF 24

DATE 2/02 DRAWN BY BDM
CHECKED BY TGC

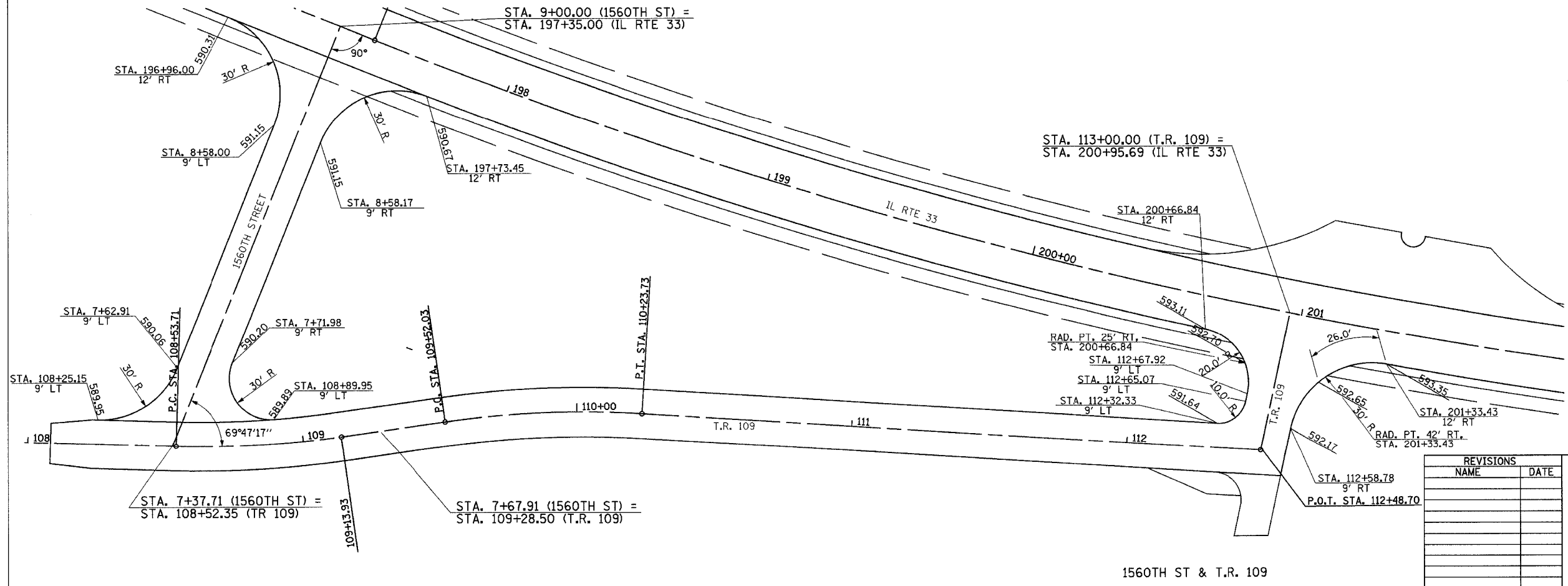
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	130
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
* (6,7)Y, RS-1, 6B-1, 7B-1, 7BR-2				
CONTRACT NO. 94356				



GOBBLER SOUTH



1525TH ST



1560TH ST & T.R. 109



FOR GEOMETRY BEYOND RADIUS RETURN, SEE SHEET 90 & 91.

LEGEND

XXXXXX INDICATES PROPOSED GRADE ELEVATION INTERVAL AROUND CURVES IS 20' UNLESS NOTED

REVISIONS	
NAME	DATE

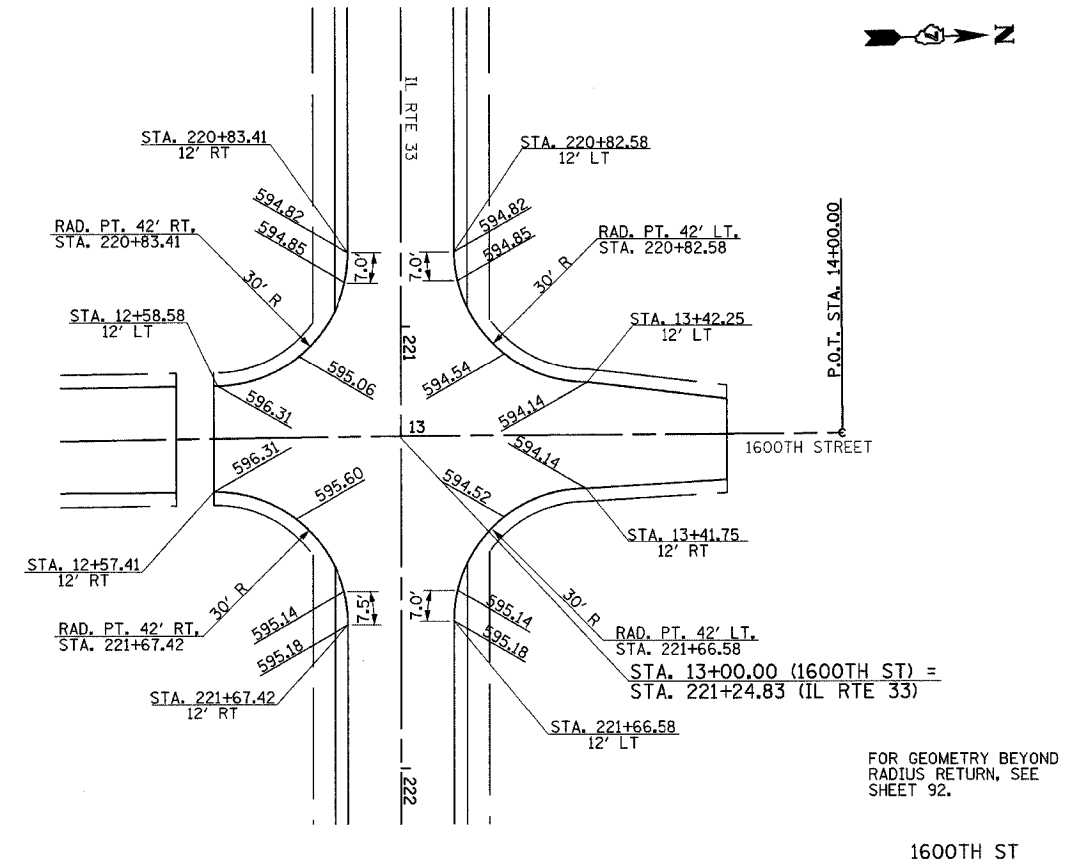
ILLINOIS DEPARTMENT OF TRANSPORTATION

INTERSECTION GEOMETRICS SHEET 1 OF 9

DATE 7/02

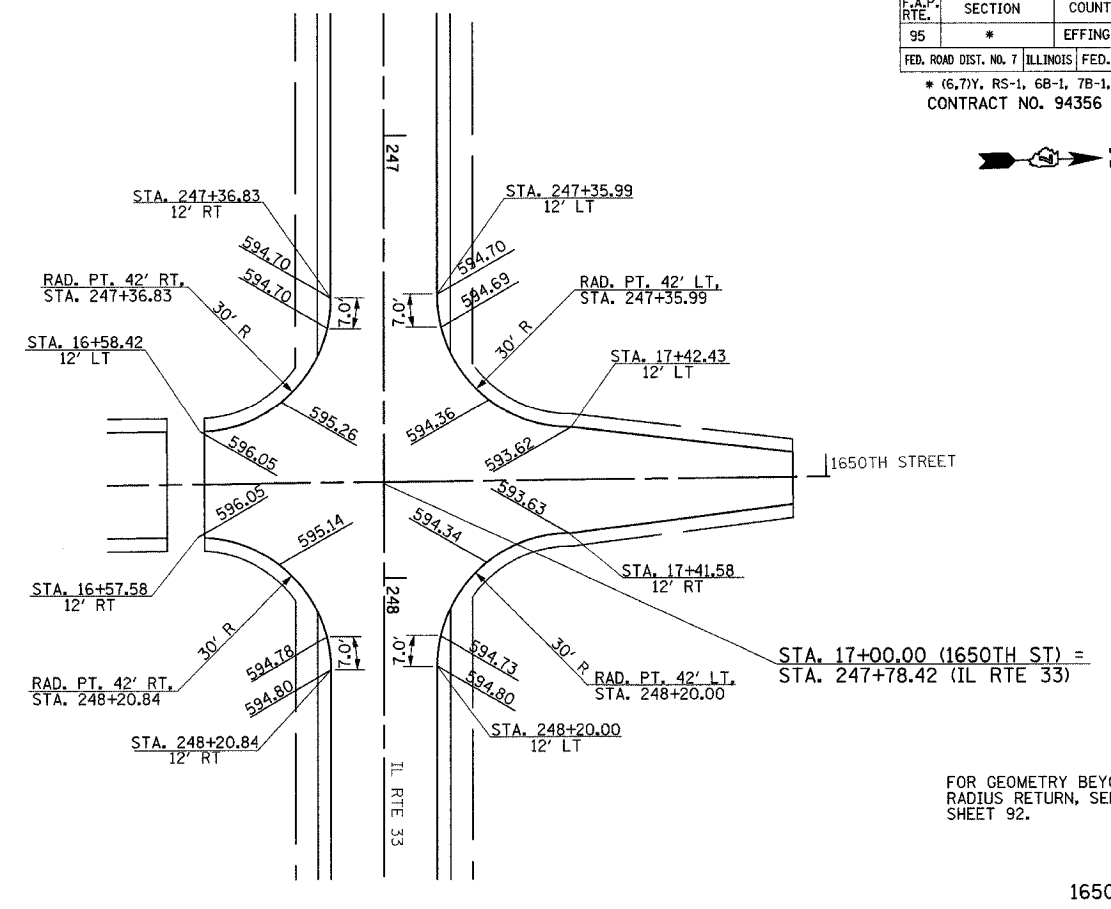
DRAWN BY MLO
CHECKED BY RMD

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	131
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
* (6,7)Y, RS-1, 6B-1, 7B-1, 7B-2				
CONTRACT NO. 94356				



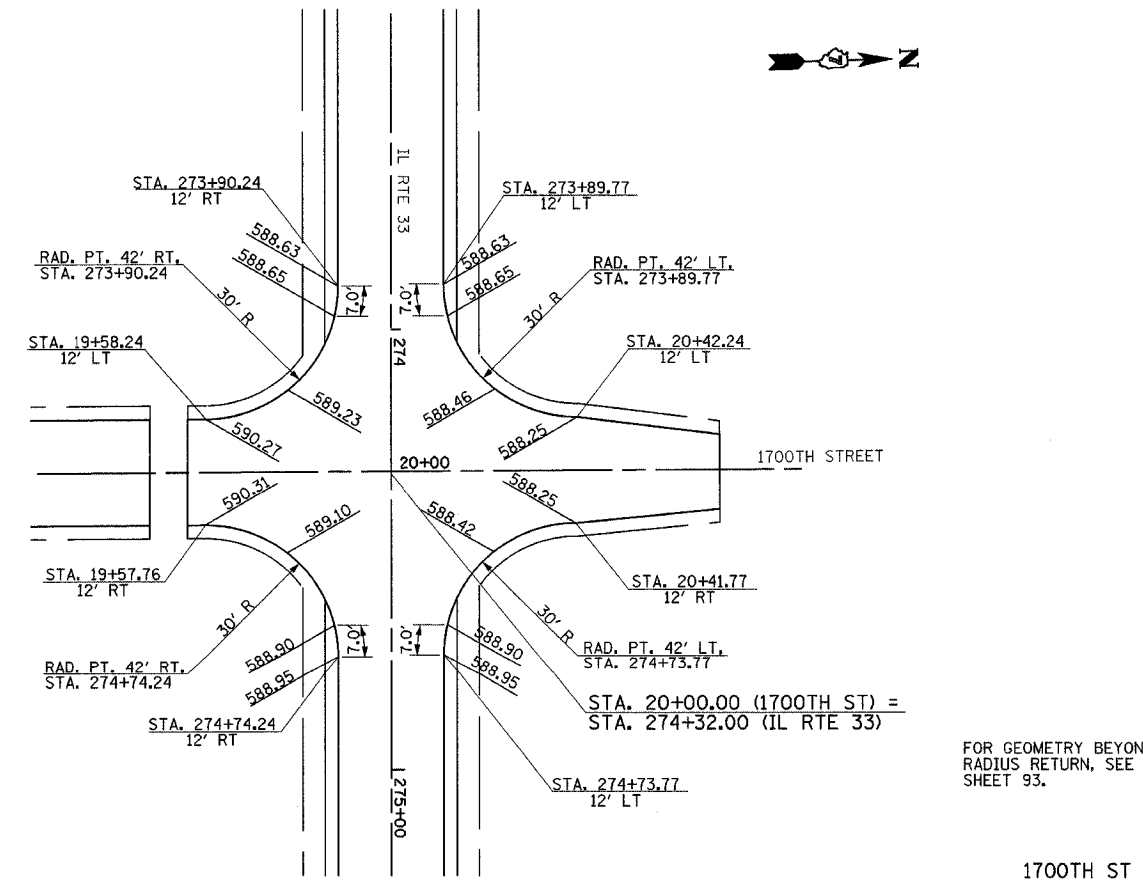
FOR GEOMETRY BEYOND RADIUS RETURN, SEE SHEET 92.

1600TH ST



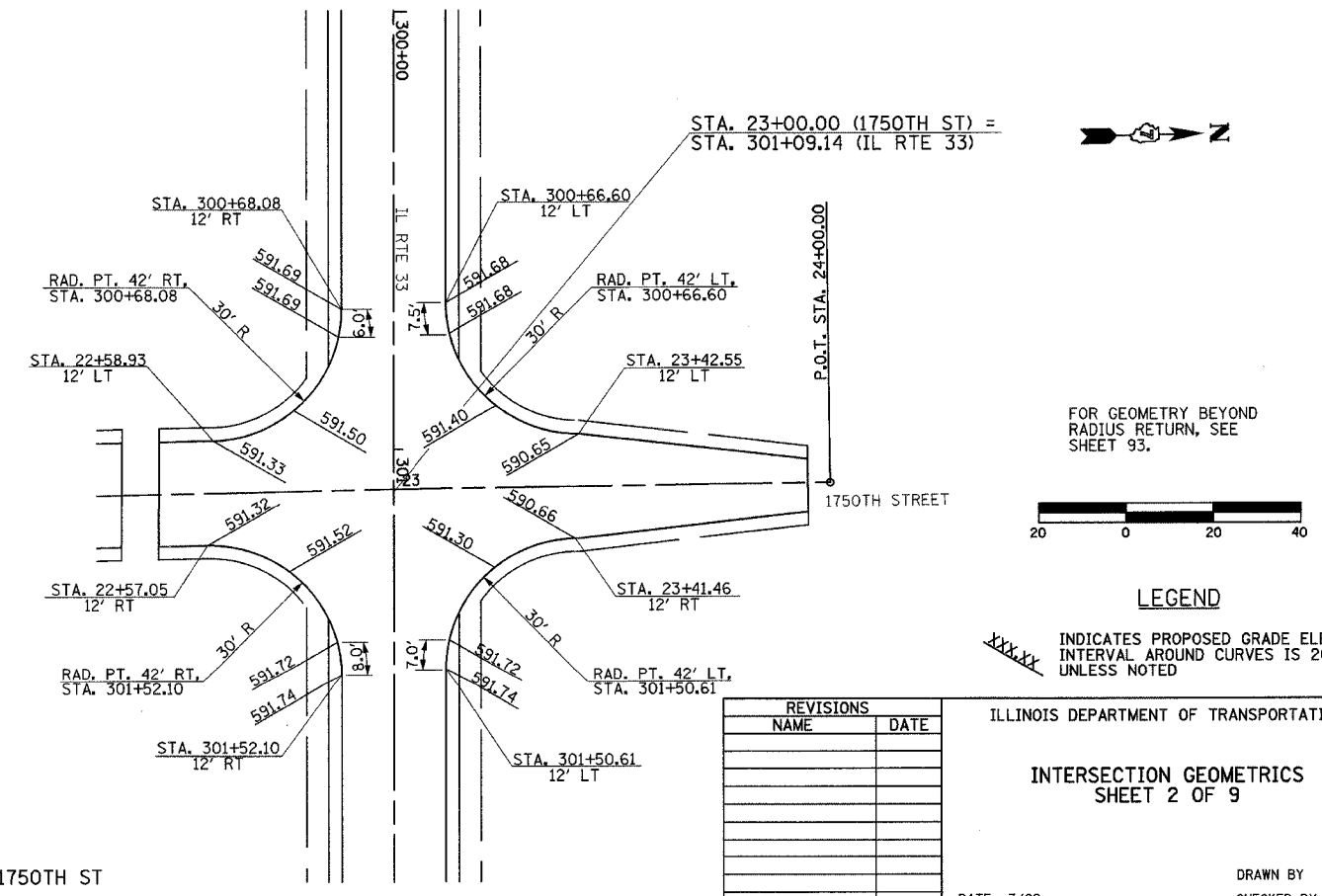
FOR GEOMETRY BEYOND RADIUS RETURN, SEE SHEET 92.

1650TH ST



FOR GEOMETRY BEYOND RADIUS RETURN, SEE SHEET 93.

1700TH ST



FOR GEOMETRY BEYOND RADIUS RETURN, SEE SHEET 93.

1750TH ST



LEGEND

XXXXXX INDICATES PROPOSED GRADE ELEVATION INTERVAL AROUND CURVES IS 20' UNLESS NOTED

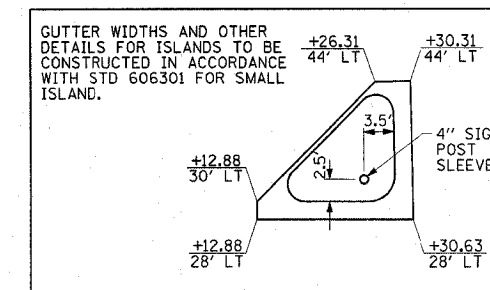
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**INTERSECTION GEOMETRICS
SHEET 2 OF 9**

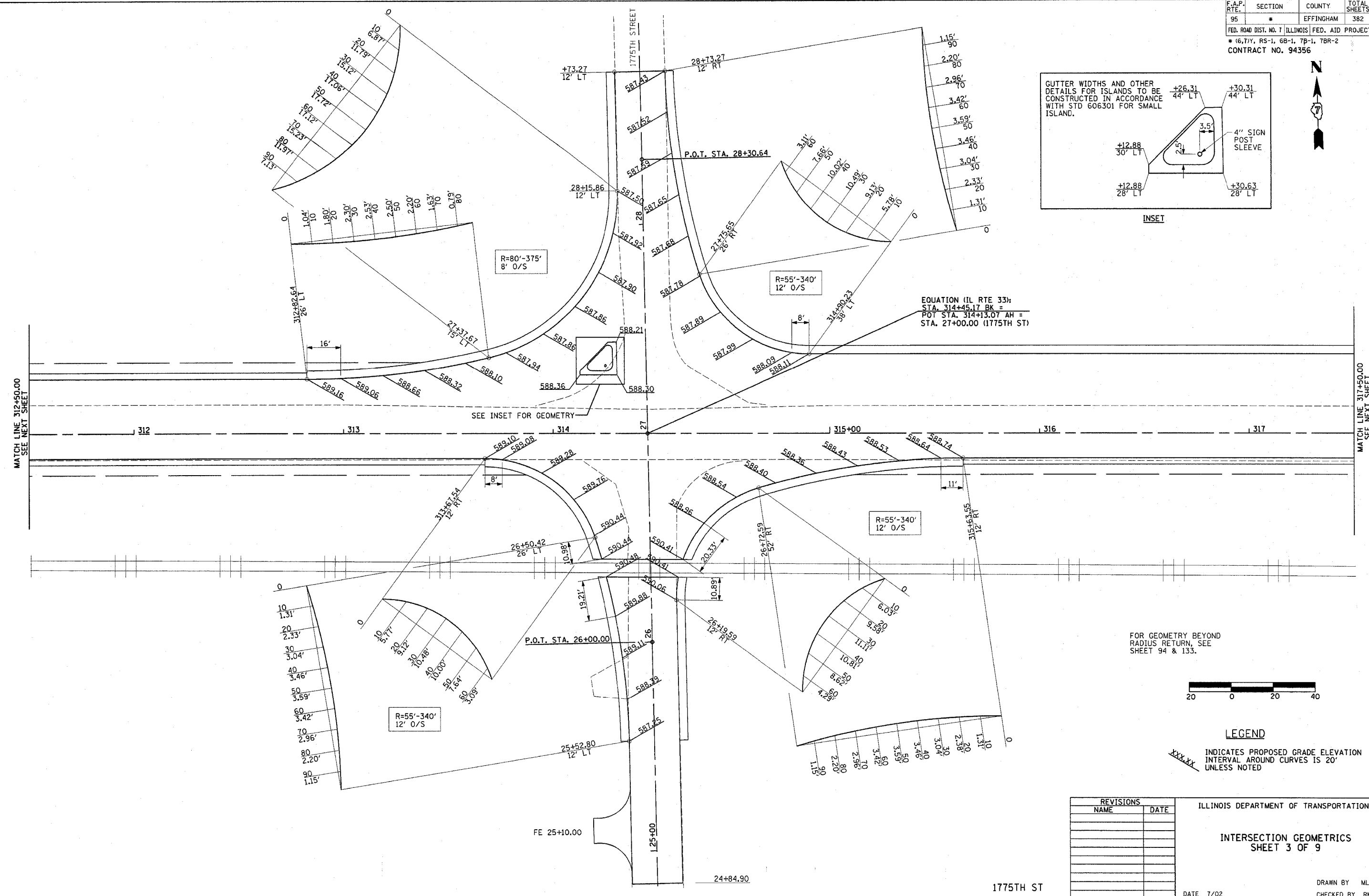
DATE 7/02
DRAWN BY MLO
CHECKED BY RMD

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	382	132
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
* (6,7)Y, RS-1, 6B-1, 7B-1, 7BR-2				
CONTRACT NO. 94356				



MATCH LINE 312+50.00
SEE NEXT SHEET

MATCH LINE 317+50.00
SEE NEXT SHEET



FOR GEOMETRY BEYOND RADIUS RETURN, SEE SHEET 94 & 133.



LEGEND

XXXXXX INDICATES PROPOSED GRADE ELEVATION INTERVAL AROUND CURVES IS 20' UNLESS NOTED

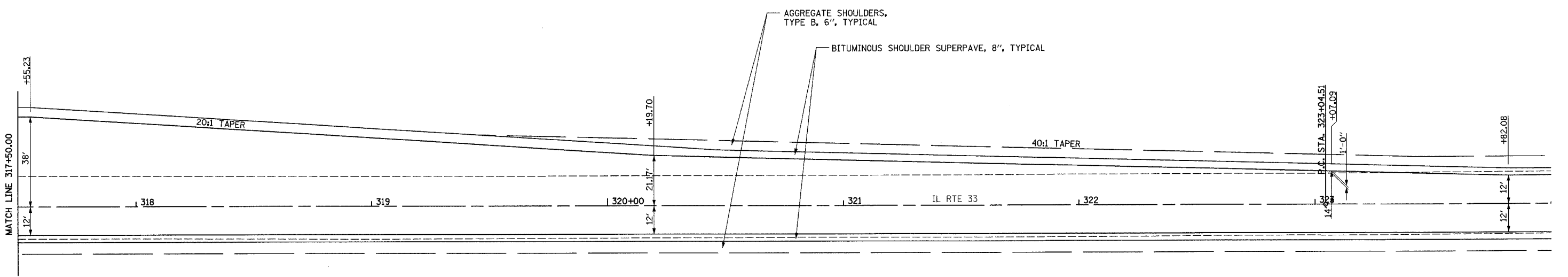
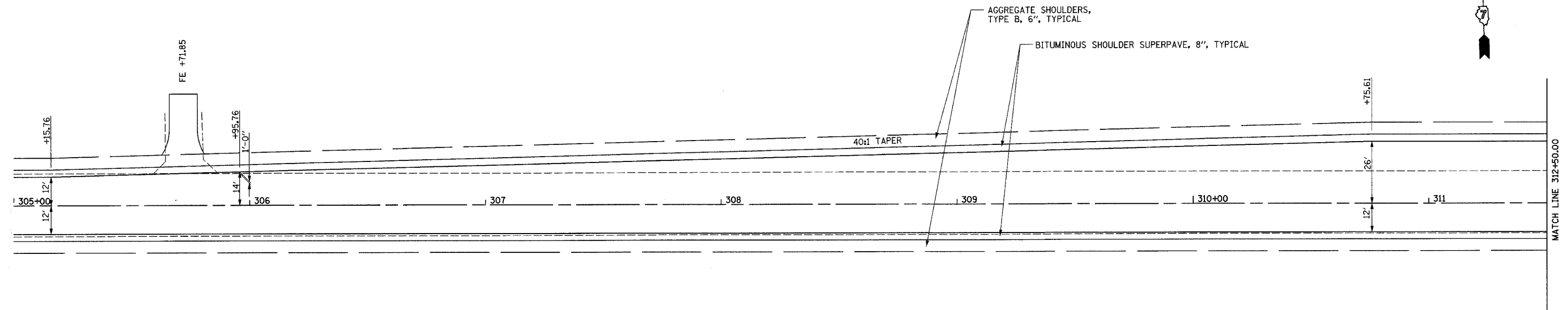
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

INTERSECTION GEOMETRICS
SHEET 3 OF 9

DRAWN BY MLO
CHECKED BY RMD
DATE 7/02

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	382	133
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
* (6,7)Y, RS-1, 6B-1, 7B-1, 7BR-2				
CONTRACT NO. 94356				



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

INTERSECTION GEOMETRICS
SHEET 4 OF 9

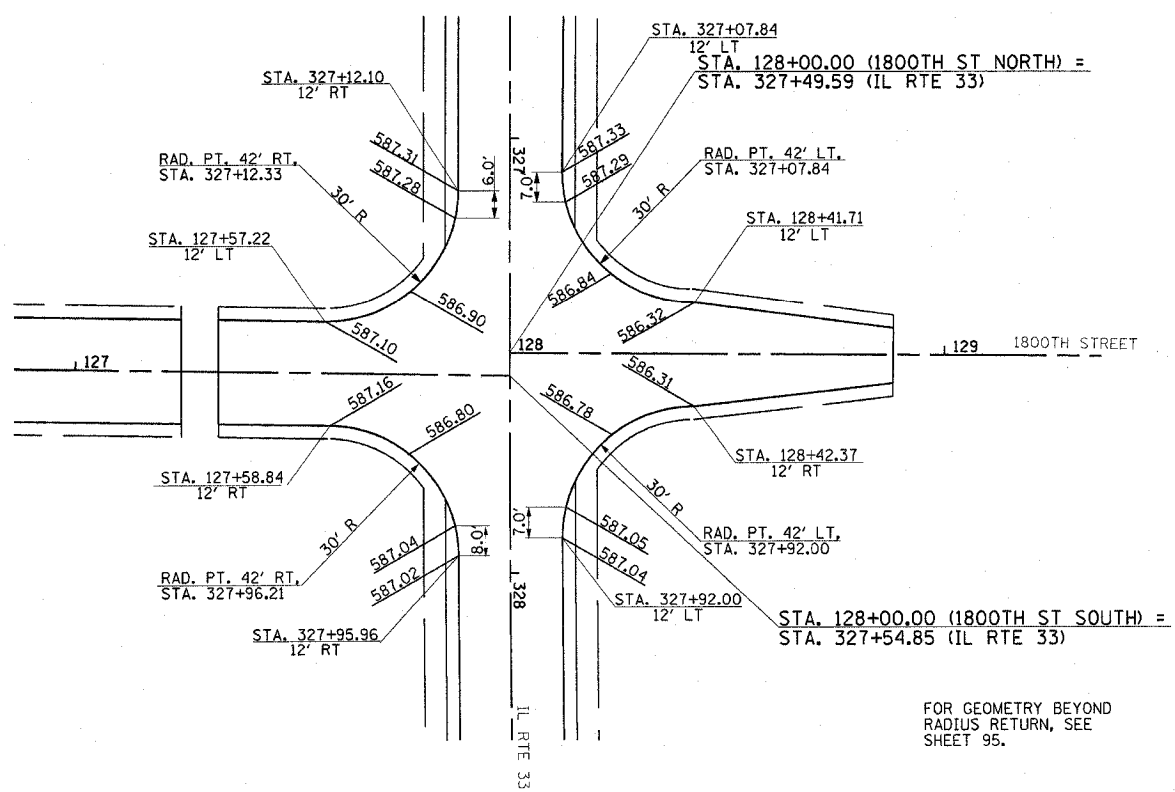
DATE 7/02

DRAWN BY MLO
CHECKED BY RMD

1775TH ST

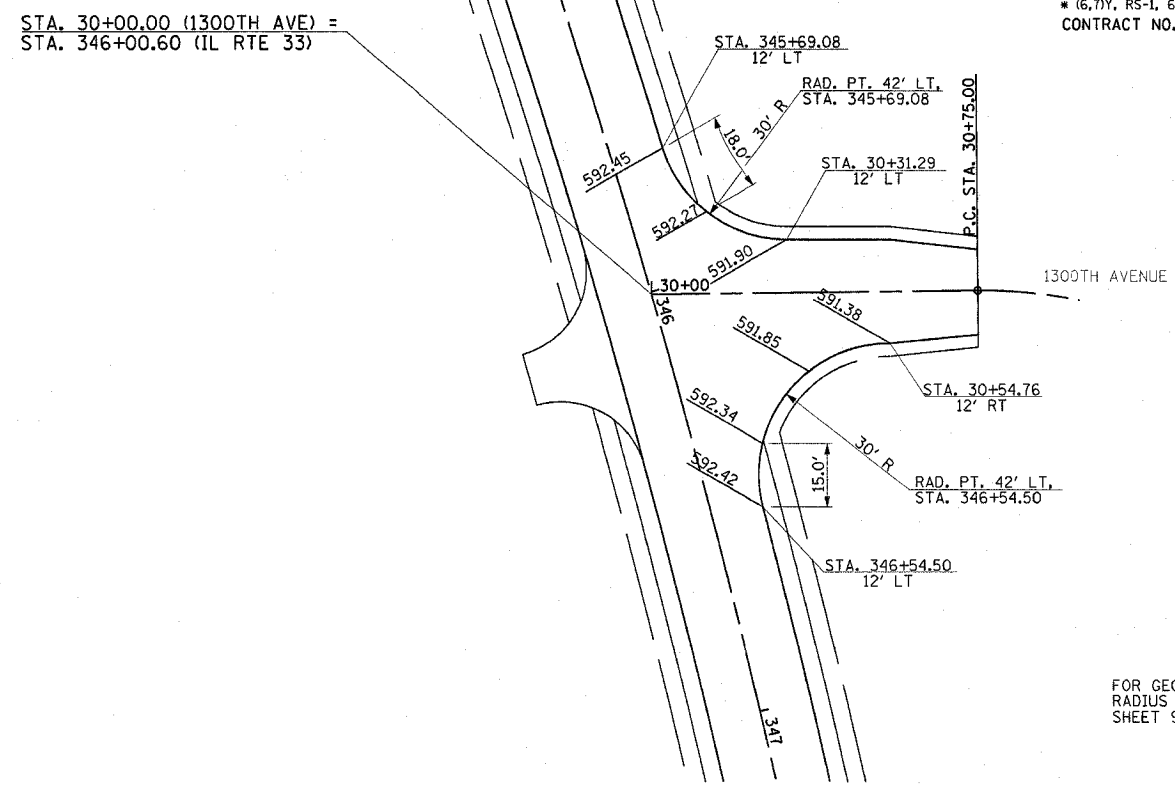
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	134

FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT
 * (6,7)Y, RS-1, 6B-1, 7B-1, 7BR-2
 CONTRACT NO. 94356



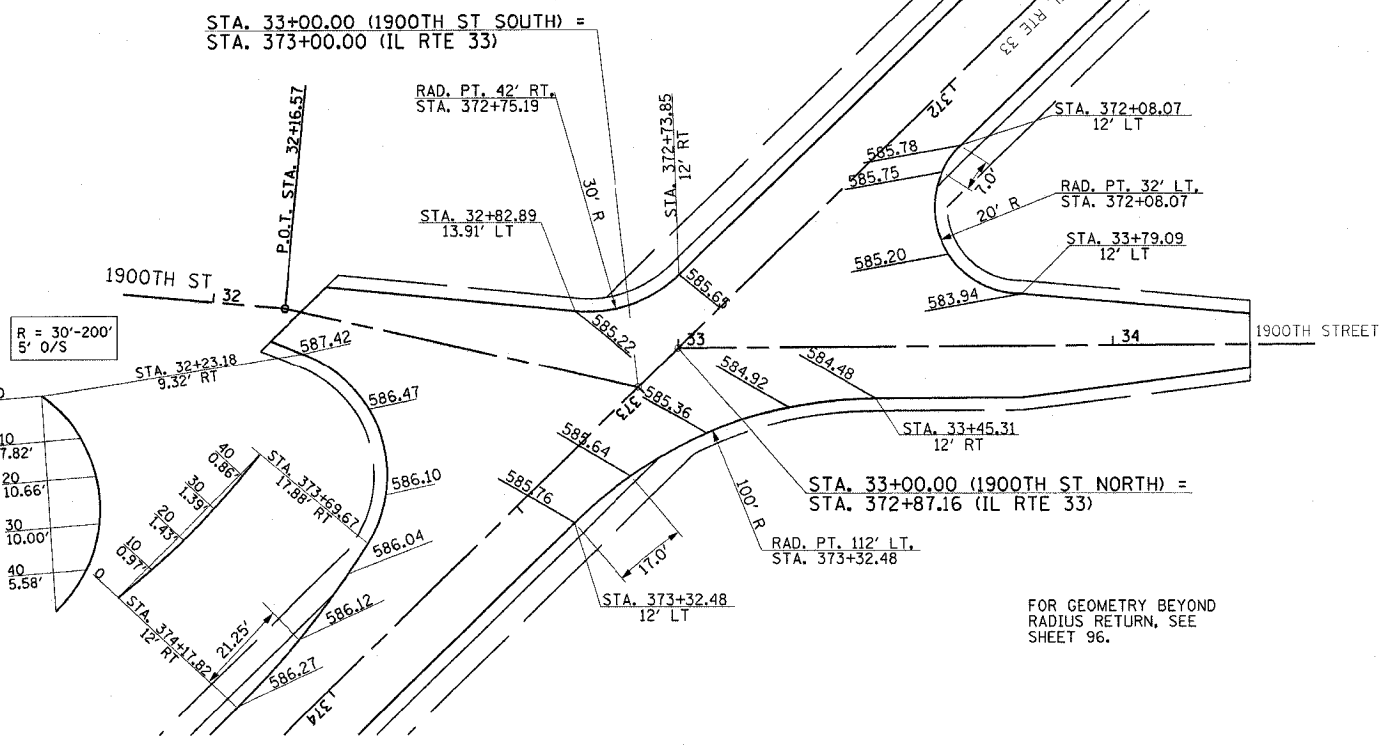
FOR GEOMETRY BEYOND RADIUS RETURN, SEE SHEET 95.

1800TH ST



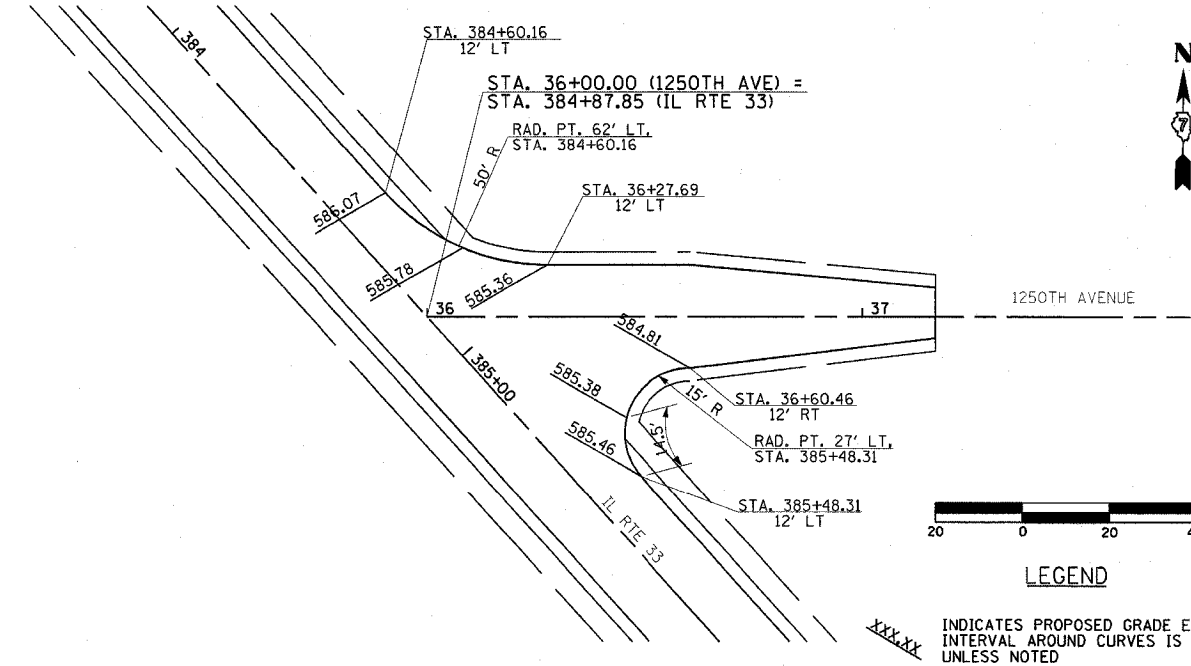
FOR GEOMETRY BEYOND RADIUS RETURN, SEE SHEET 95.

1300TH AVE



FOR GEOMETRY BEYOND RADIUS RETURN, SEE SHEET 96.

1250TH AVE



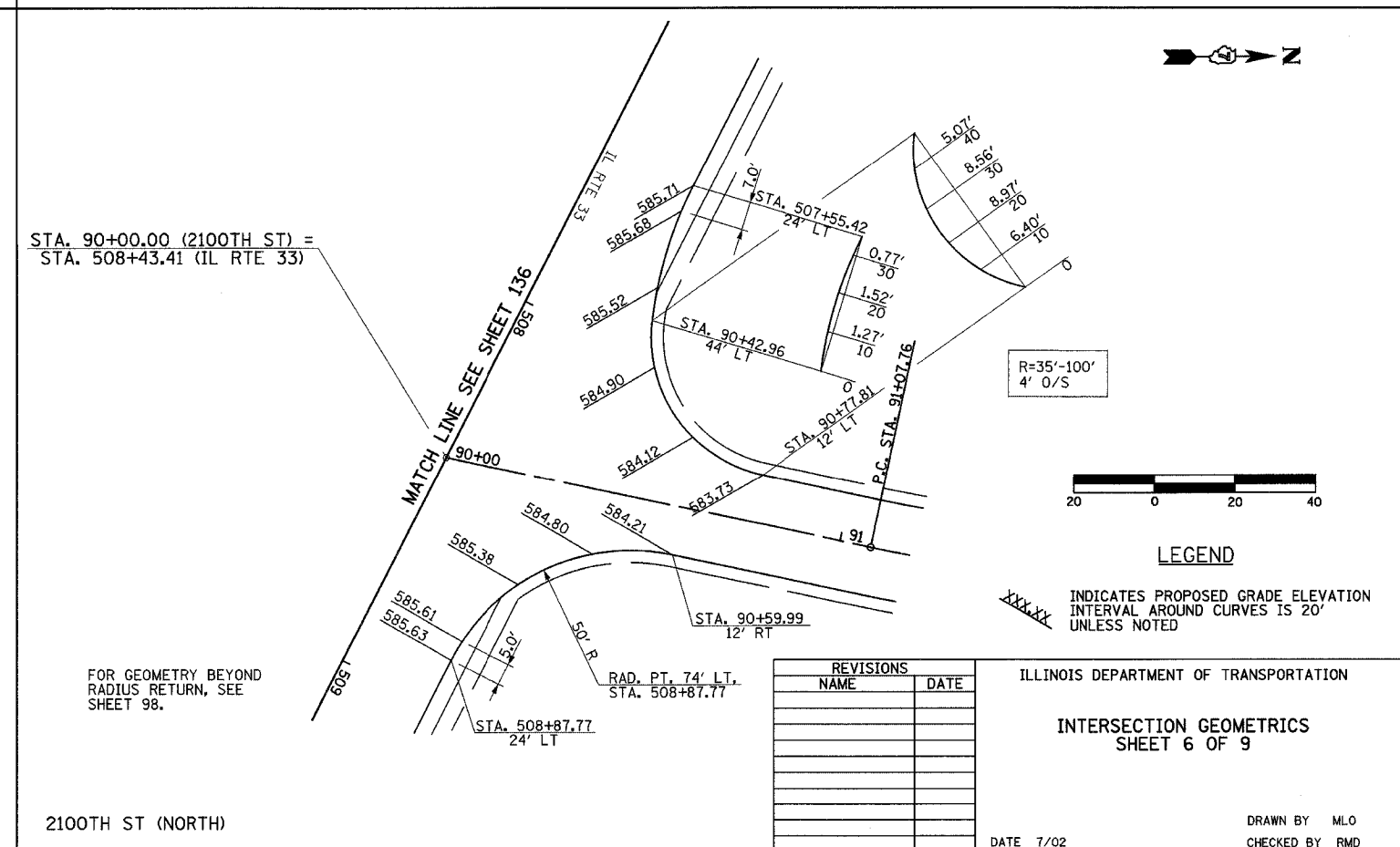
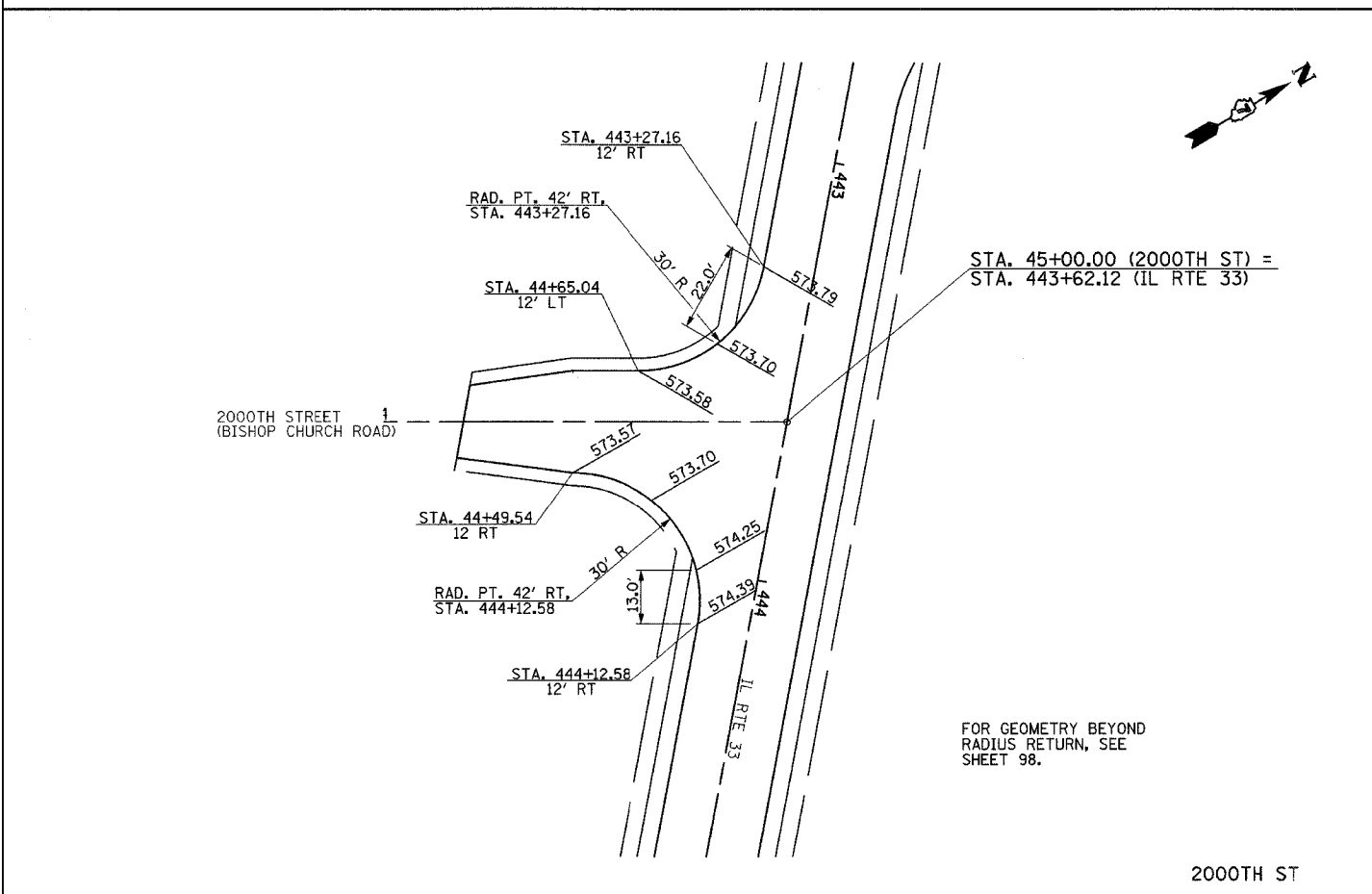
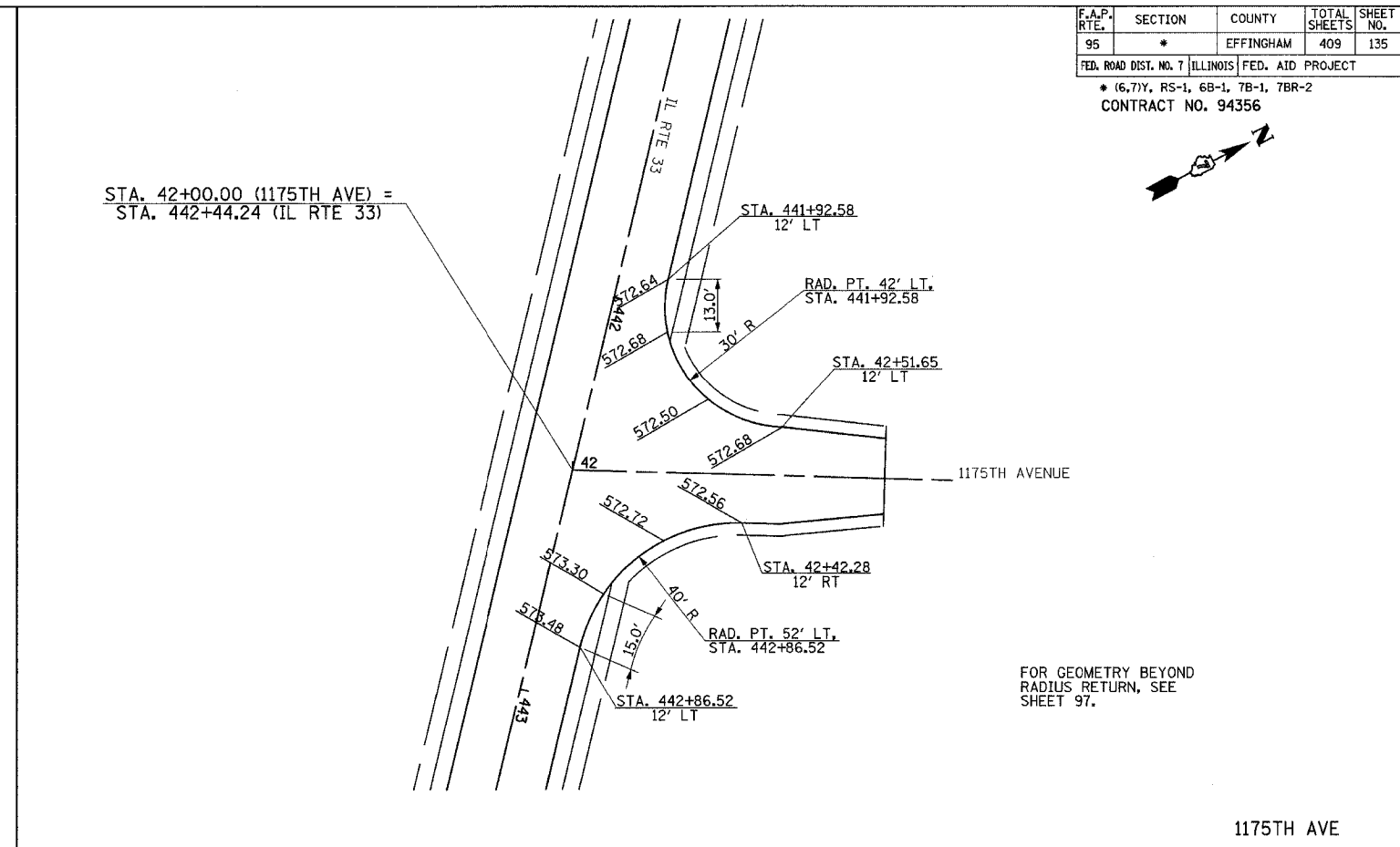
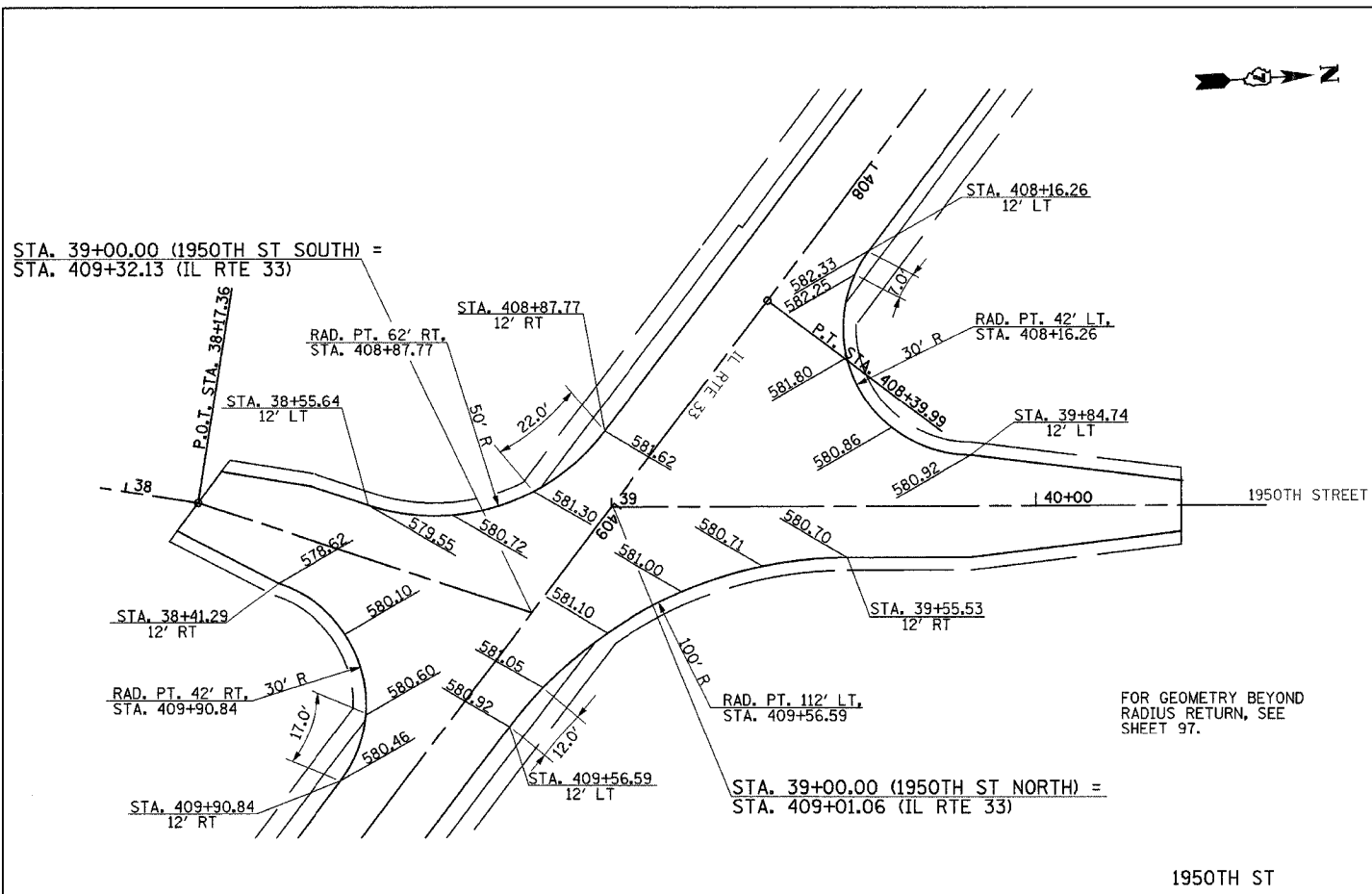
LEGEND

INDICATES PROPOSED GRADE ELEVATION INTERVAL AROUND CURVES IS 20' UNLESS NOTED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 INTERSECTION GEOMETRICS
 SHEET 5 OF 9
 DATE 7/02
 DRAWN BY MLO
 CHECKED BY RMD

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	135
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
* (6,7)Y, RS-1, 6B-1, 7B-1, 7BR-2				
CONTRACT NO. 94356				



R=35'-100'
4' O/S



LEGEND

XXXXX INDICATES PROPOSED GRADE ELEVATION INTERVAL AROUND CURVES IS 20' UNLESS NOTED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

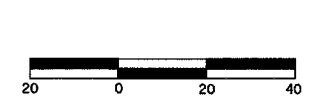
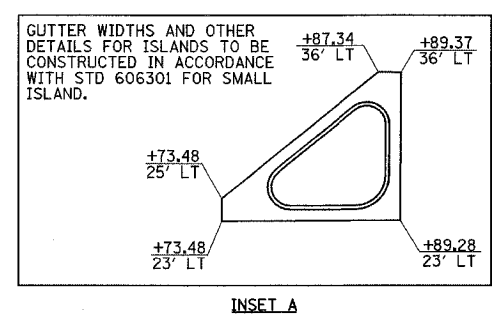
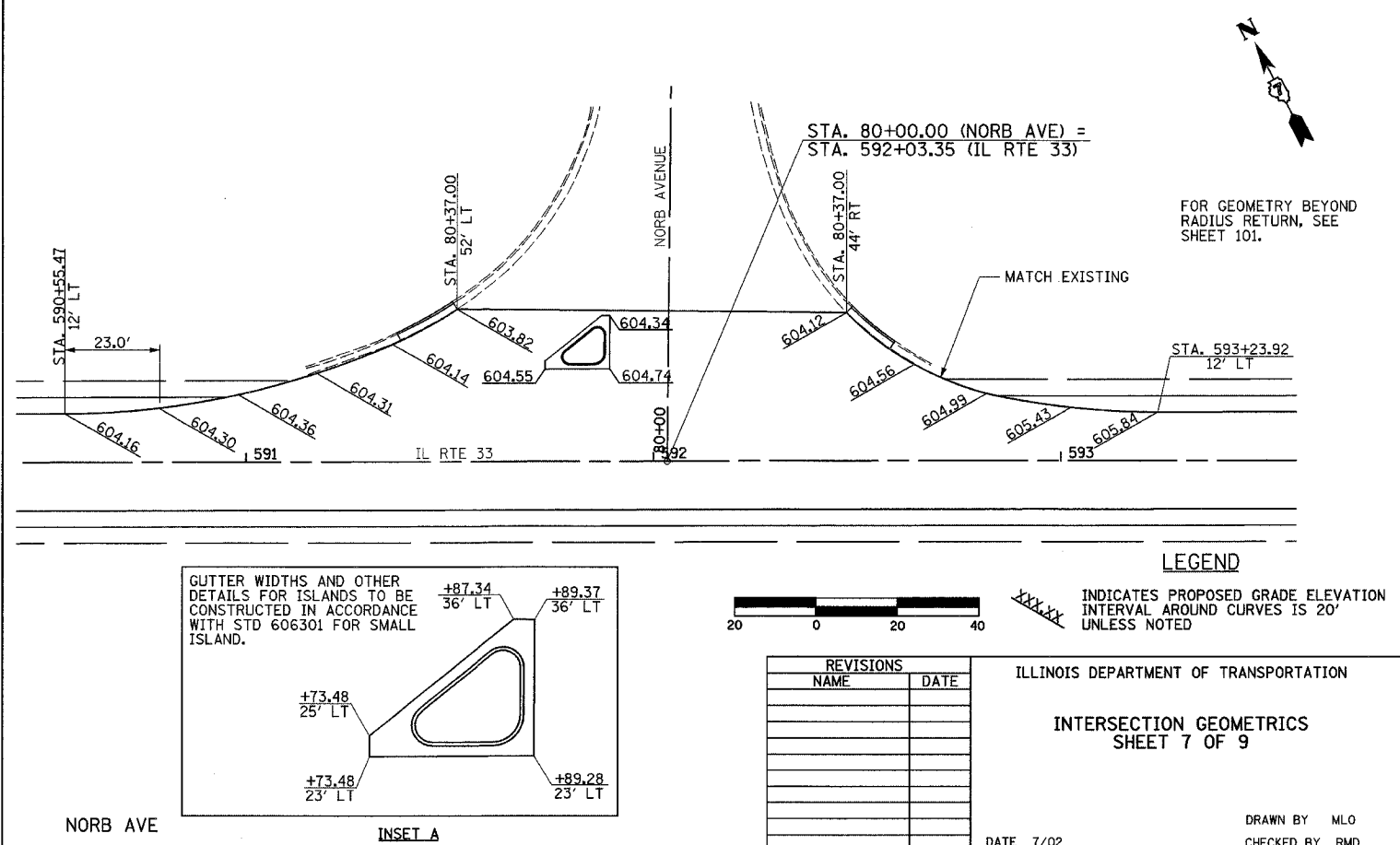
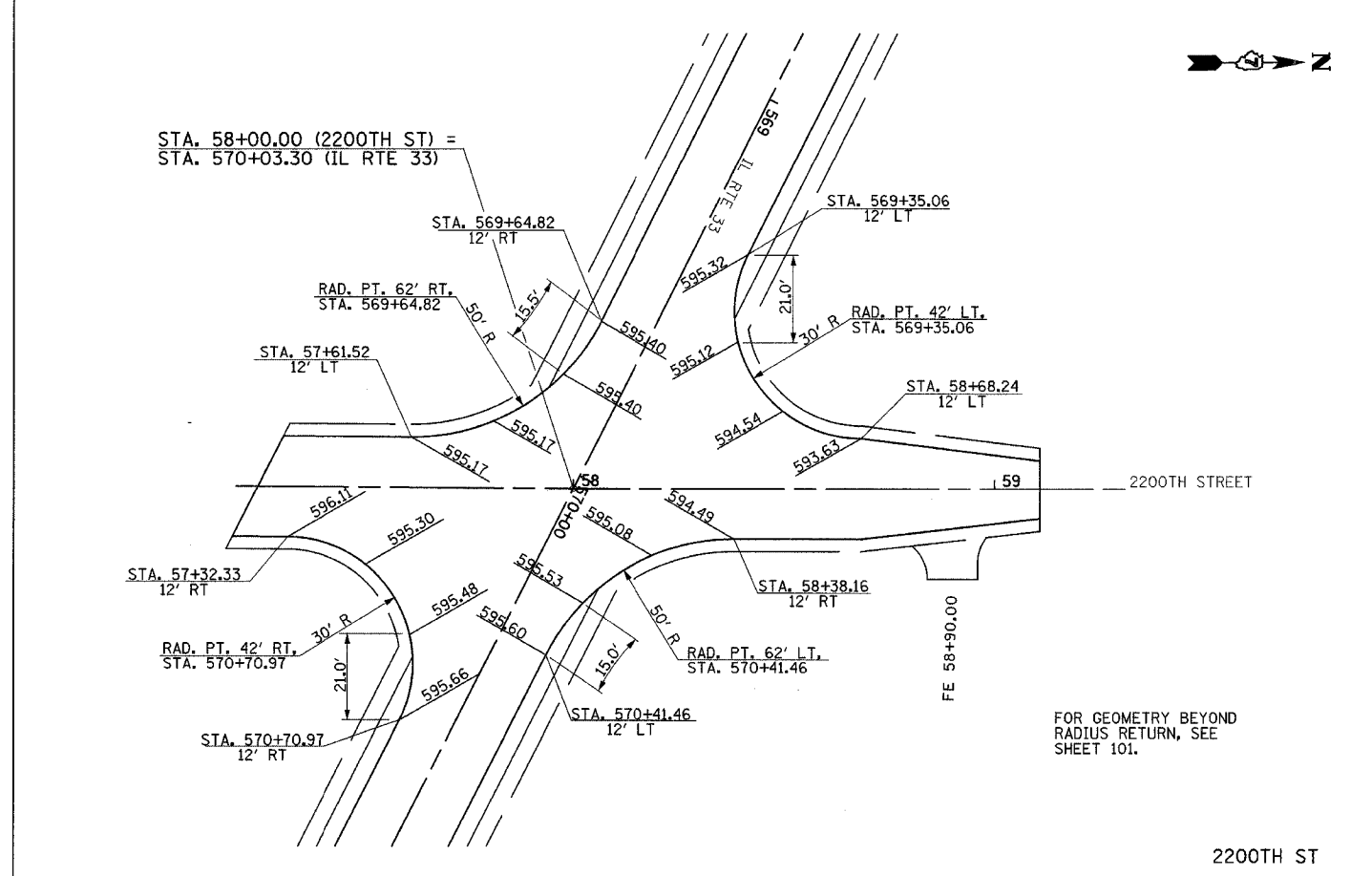
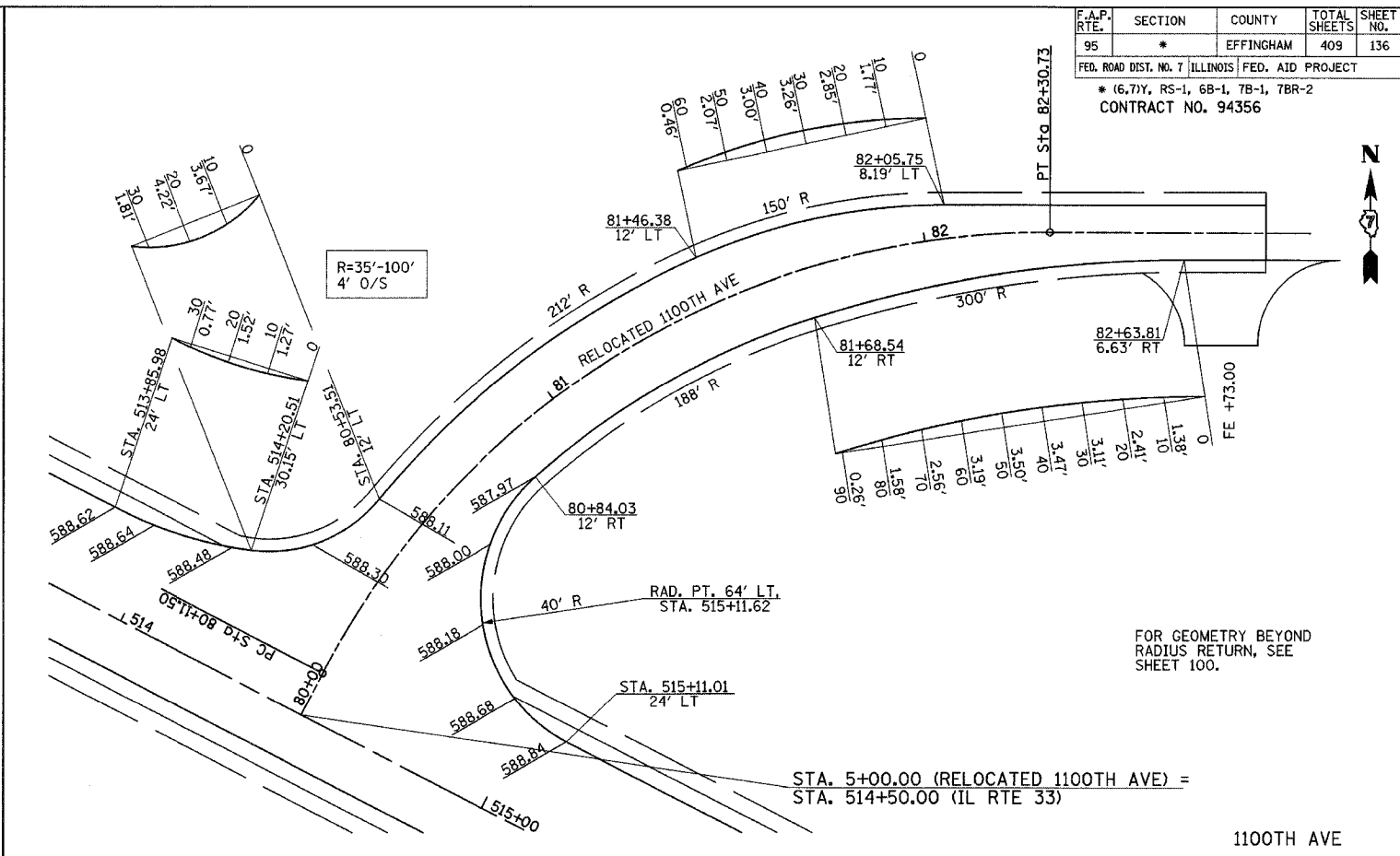
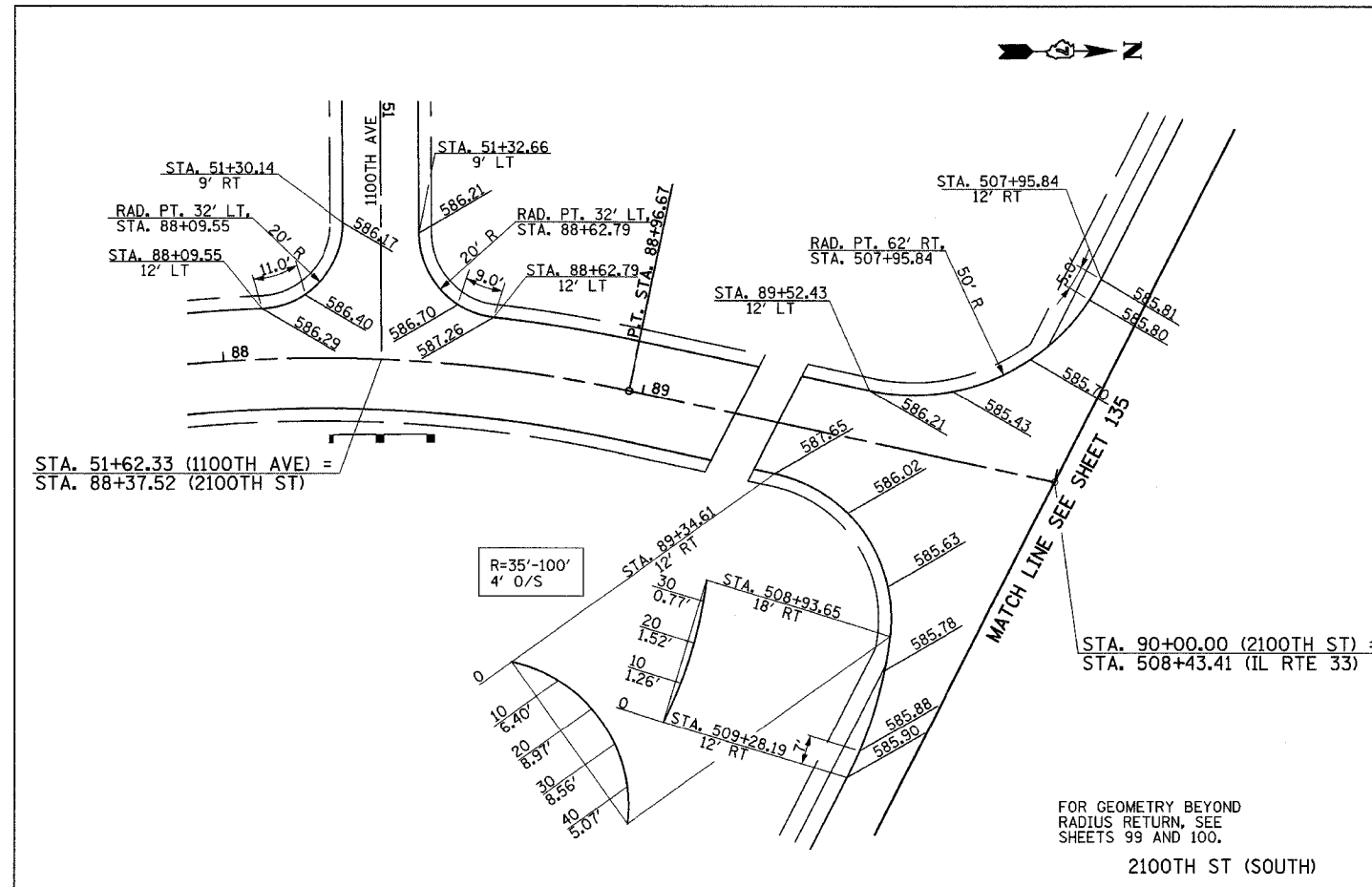
INTERSECTION GEOMETRICS
SHEET 6 OF 9

DATE 7/02

DRAWN BY MLO
CHECKED BY RMD

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	136

FED. ROAD DIST. NO. 7 | ILLINOIS FED. AID PROJECT
 * (6.7)Y, RS-1, 6B-1, 7B-1, 7BR-2
 CONTRACT NO. 94356

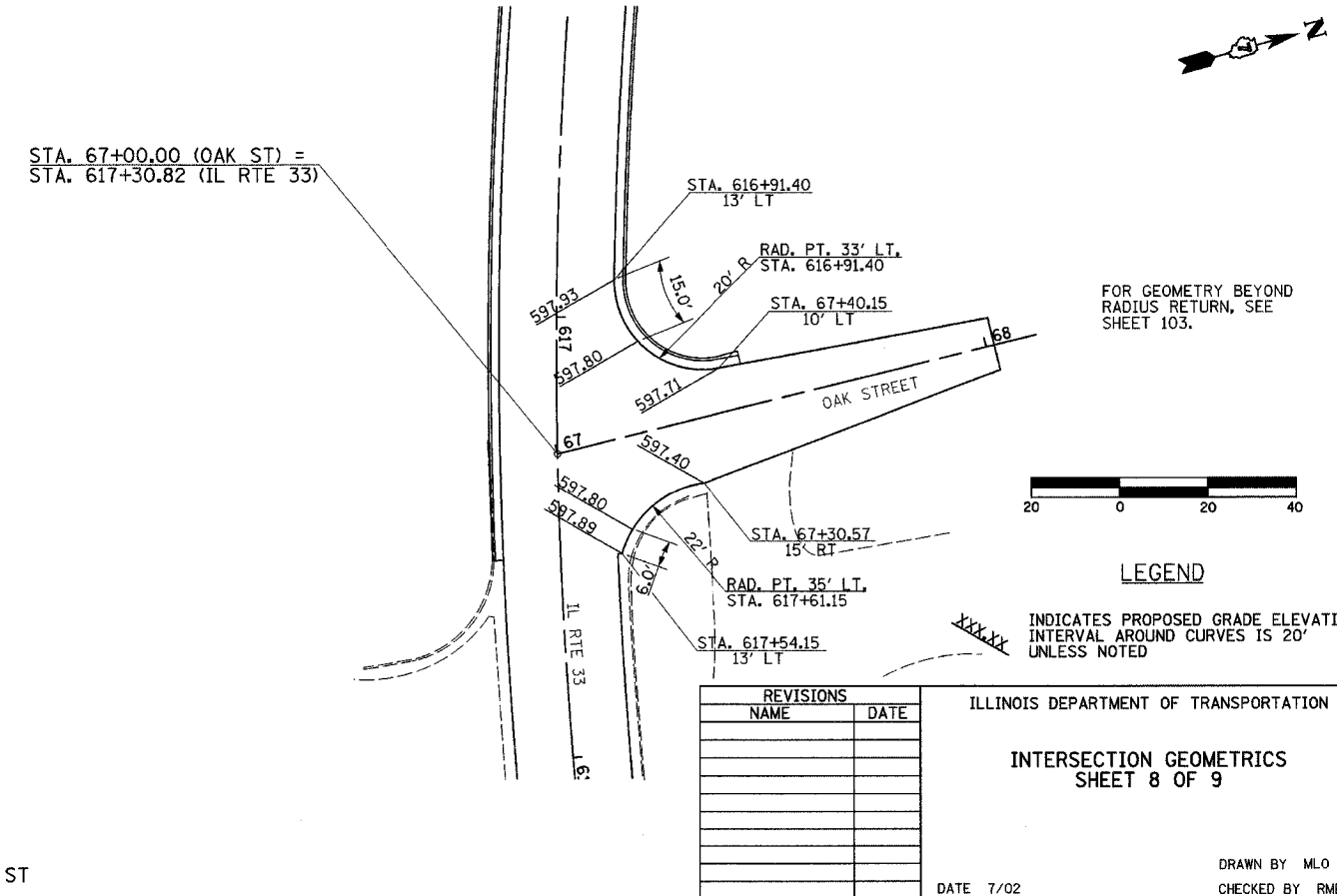
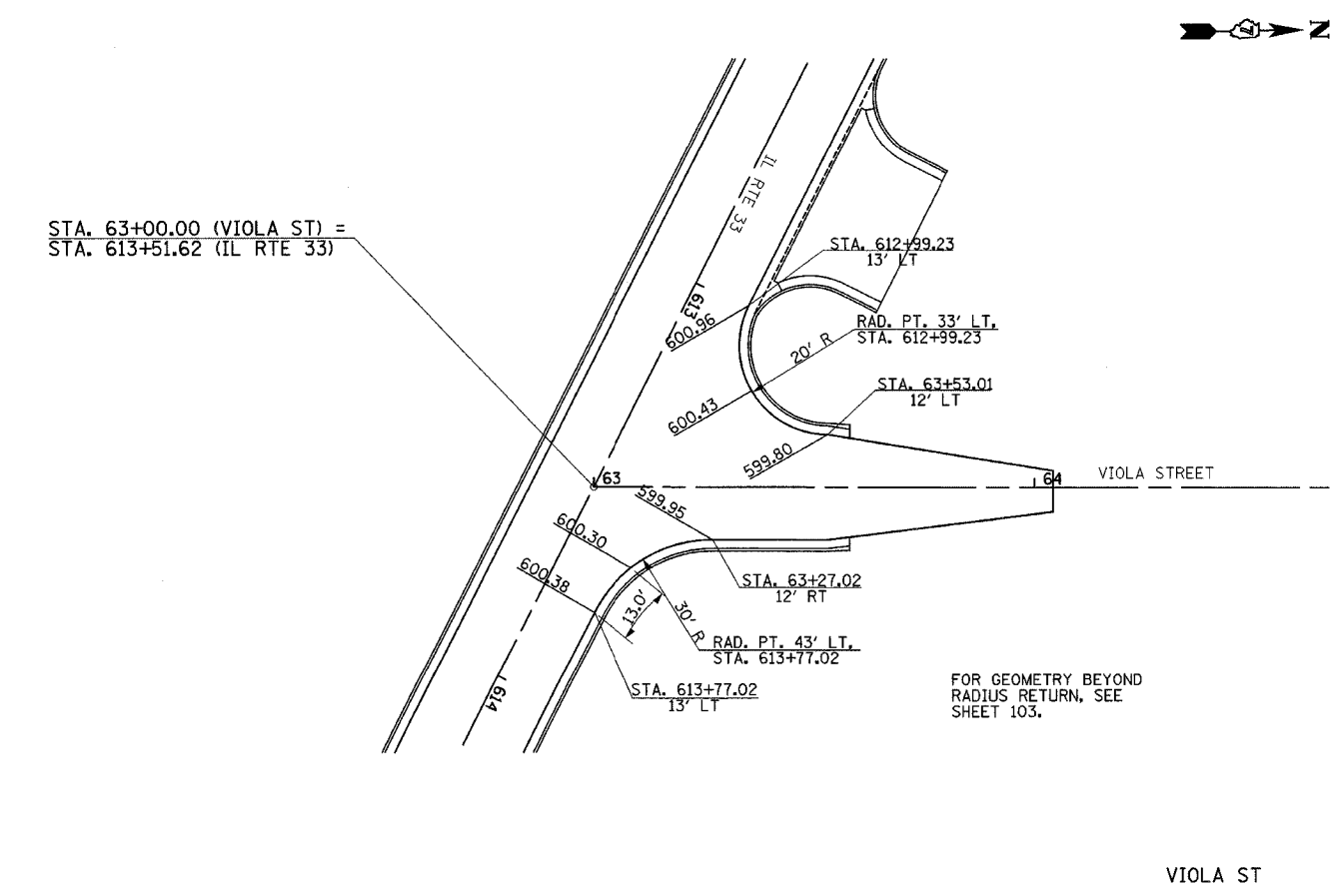
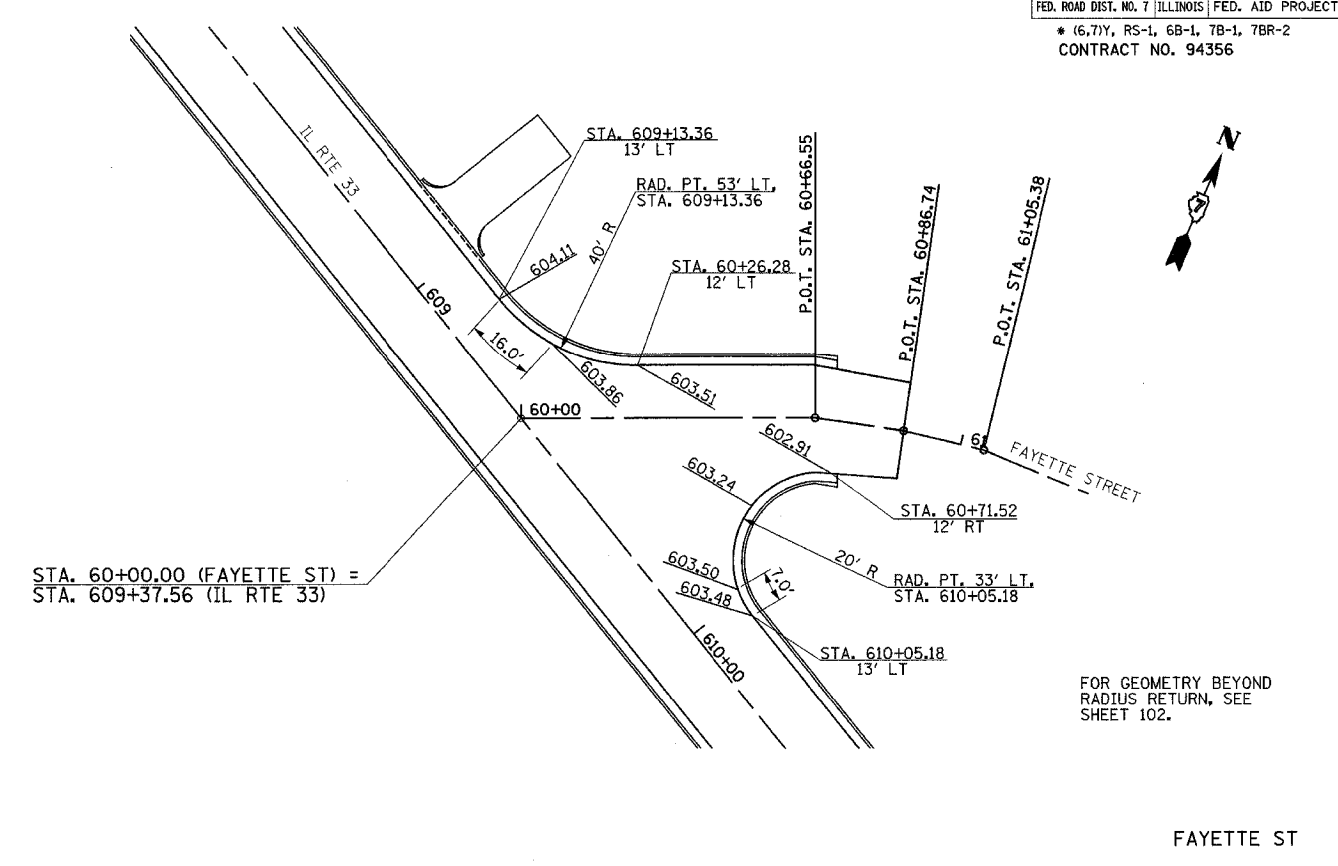
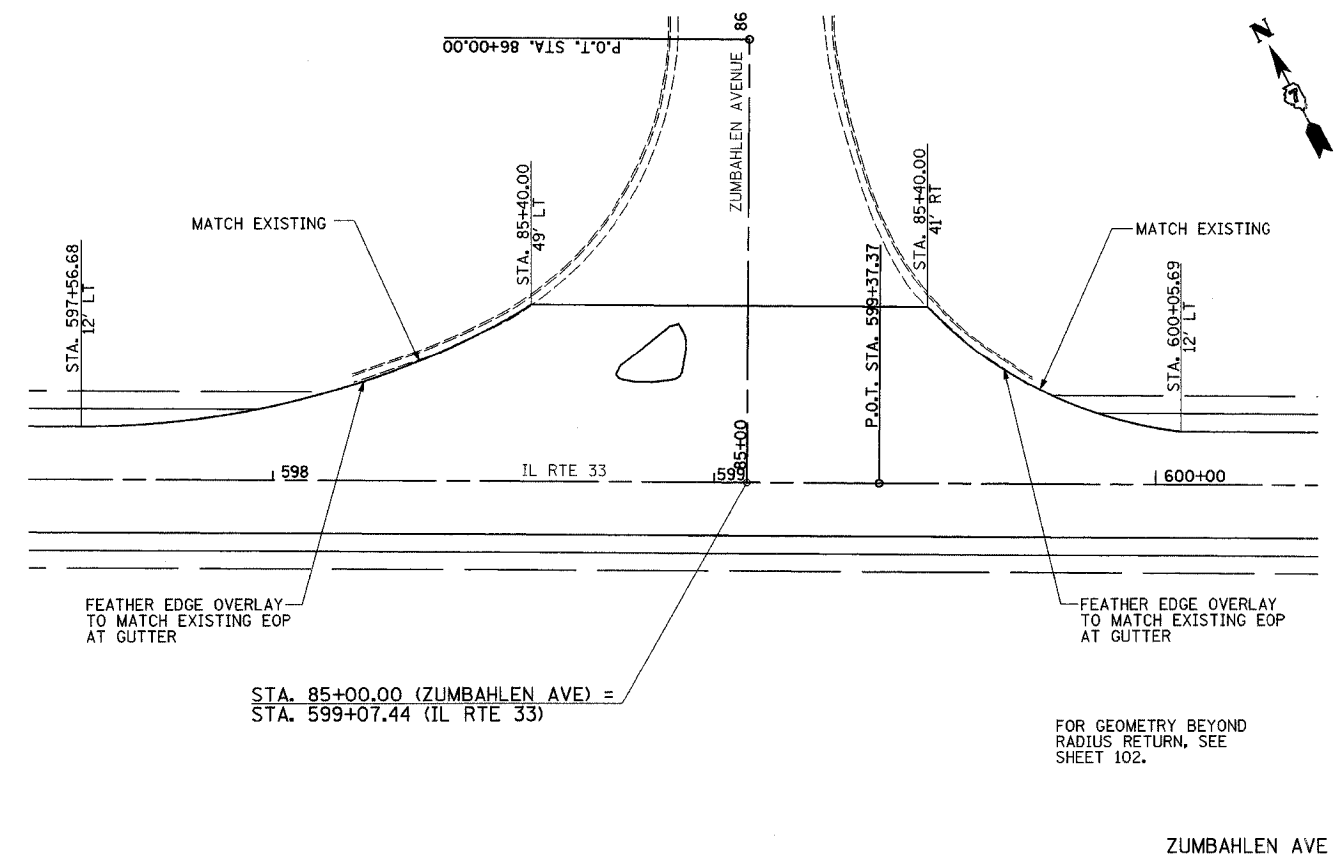


REVISIONS	
NAME	DATE

LEGEND
 XXXXX INDICATES PROPOSED GRADE ELEVATION INTERVAL AROUND CURVES IS 20' UNLESS NOTED

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERSECTION GEOMETRICS
 SHEET 7 OF 9
 DATE 7/02
 DRAWN BY MLO
 CHECKED BY RMD

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	137
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
* (6,7)Y, RS-1, 6B-1, 7B-1, 7BR-2				
CONTRACT NO. 94356				



LEGEND

XXXXXX INDICATES PROPOSED GRADE ELEVATION INTERVAL AROUND CURVES IS 20' UNLESS NOTED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

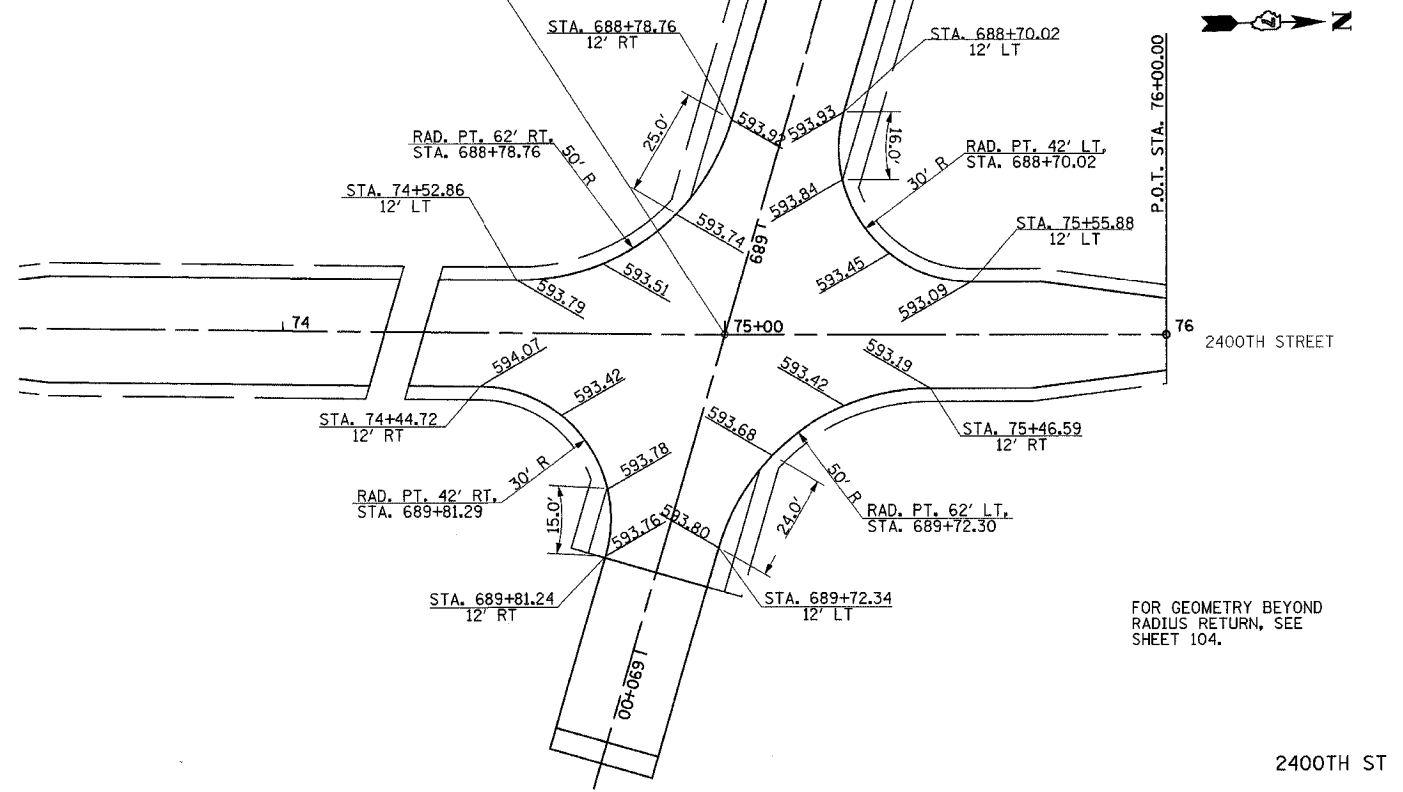
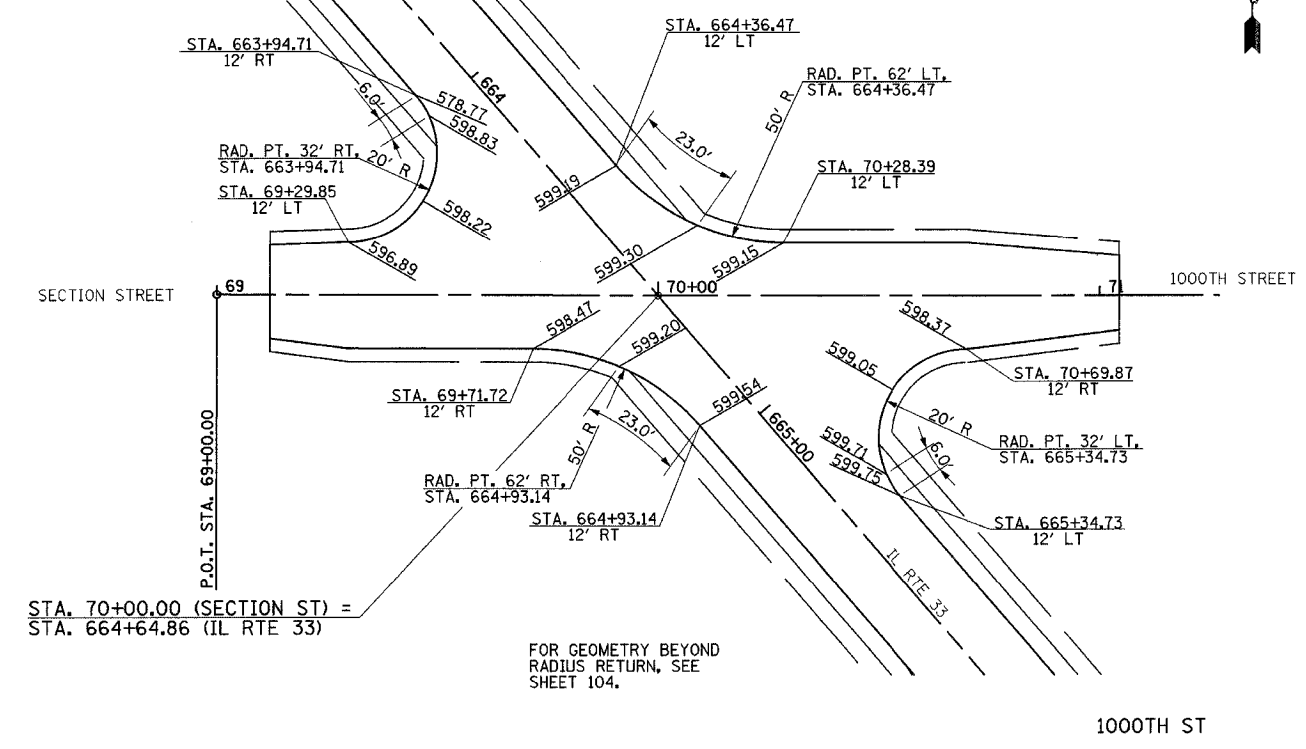
INTERSECTION GEOMETRICS
SHEET 8 OF 9

DATE 7/02

DRAWN BY MLO
CHECKED BY RMD

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	138

FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT
 * (6,7)Y, RS-1, 6B-1, 7B-1, 7BR-2
 CONTRACT NO. 94356



LEGEND

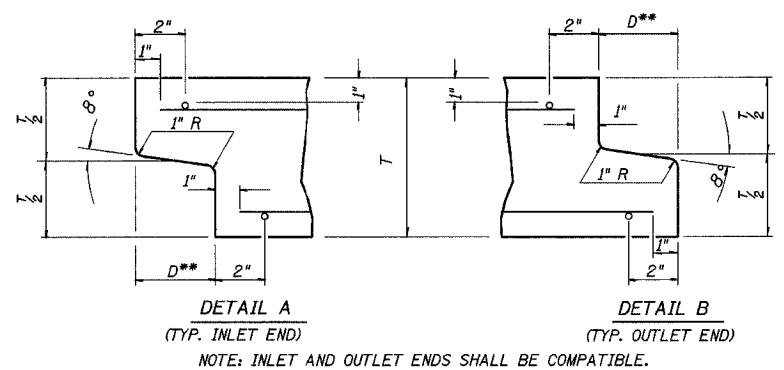
INDICATES PROPOSED GRADE ELEVATION INTERVAL AROUND CURVES IS 20' UNLESS NOTED

REVISIONS	
NAME	DATE

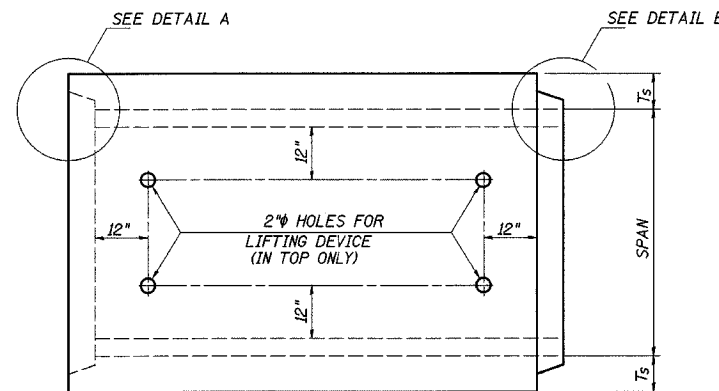
ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERSECTION GEOMETRICS
 SHEET 9 OF 9
 DATE 7/02
 DRAWN BY MLO
 CHECKED BY RMD

DETAIL OF PRECAST CONCRETE BOX CULVERT M273

(WITH LESS THAN 2 FEET OF COVER)
 AASHO DESIGNATION M273
 (ASTM DESIGNATION C-850)
 DESIGN LOADING = HS20-44



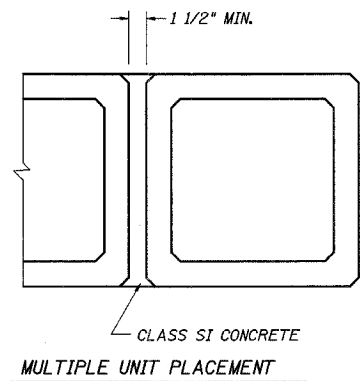
** THE D DIMENSION SHALL CONFORM TO THE MANUFACTURER'S STANDARDS.



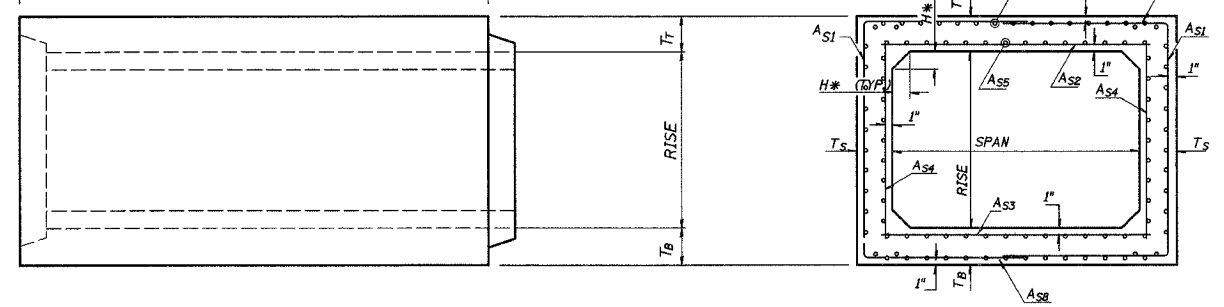
PLAN
 LOCATION OF LIFTING HOLES MAY BE VARIED AS NEEDED TO CLEAR REINFORCEMENT.

SECTION LENGTH

WHEN EXTENDING AN EXISTING BOX, PLACE THIS END AGAINST THE EXISTING HEADWALL.



CLASS SI CONCRETE
 MULTIPLE UNIT PLACEMENT



ELEVATION

CROSS SECTION

* THE HAUNCH DIMENSION, H, IS EQUAL TO THE WALL THICKNESS, T_s.

GENERAL NOTES

SHOP PLANS FOR THE REINFORCEMENT SHALL BE SUBMITTED IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 504.04(d) OF THE STANDARD SPECIFICATIONS.

MINIMUM CONCRETE STRENGTH SHALL BE 5000 PSI AFTER 28 DAYS.

THE JOINTS OF THE PRECAST BOX SECTIONS SHALL BE SEALED IN ACCORDANCE WITH ARTICLE 542.04(d) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

THE TERMS A_{st}, A_{sb}, ETC. DENOTE THE REQUIRED STEEL AREAS FOR REINFORCEMENT AS SPECIFIED IN ASSHTO M273.

REINFORCEMENT SHALL BE WELDED WIRE FABRIC CONFORMING TO ASSHTO M55. LONGITUDINAL DISTRIBUTION REINFORCEMENT MAY CONSIST OF WELDED WIRE FABRIC OR DEFORMED BARS CONFORMING TO ASSHTO M31 OR M322, GRADE 60.

LIFTING HOLES SHALL BE FILLED WITH CONCRETE PLUGS AND MASTIC AFTER THE BOX SECTIONS ARE IN PLACE.

DRAINAGE OPENINGS SHALL BE PROVIDED IN ACCORDANCE WITH ARTICLE 503.12 OF THE STANDARD SPECIFICATIONS. LOCATION AND SPACING OF THE OPENINGS SHALL BE SHOWN ON THE SHOP DRAWINGS.

WHERE APPLICABLE, A P.C.C. PAVEMENT PATCH REINFORCED WITH PAVEMENT FABRIC (STANDARD 42070) WILL BE CONSTRUCTED OVER THE CULVERT. THE PATCH SHALL BE FULL PAVEMENT WIDTH, AND THE LENGTH SHALL EXTEND 24" BEYOND EACH SIDE OF THE CULVERT.

CULVERT SIZE (FEET)	DIMENSIONS (INCHES)		
	T _T	T _B	T _S
SPAN x RISE (FOOT)			
3x2	7	6	4
3x3	7	6	4
4x2	7 1/2	6	5
4x3	7 1/2	6	5
4x4	7 1/2	6	5
5x3	8	7	6
5x4	8	7	6
5x5	8	7	6
6x3	8	7	7
6x4	8	7	7
6x5	8	7	7
6x6	8	7	7
7x3	8	8	8
7x4	8	8	8
7x5	8	8	8
7x6	8	8	8
7x7	8	8	8
8x2	8	8	8
8x4	8	8	8
8x5	8	8	8
8x6	8	8	8
8x7	8	8	8
8x8	8	8	8
9x5	9	9	9
9x6	9	9	9
9x7	9	9	9
9x8	9	9	9
9x9	9	9	9
10x5	10	10	10
10x6	10	10	10
10x7	10	10	10
10x8	10	10	10
10x9	10	10	10
10x10	10	10	10
11x4	11	11	11
11x6	11	11	11
11x8	11	11	11
11x10	11	11	11
11x11	11	11	11
12x4	12	12	12
12x6	12	12	12
12x8	12	12	12
12x10	12	12	12
12x12	12	12	12

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

DETAIL OF PRECAST CONCRETE BOX CULVERT SECTION

DRAWN BY DIST. 7
 CHECKED BY BWC

DATE REVISED: 05/28/99

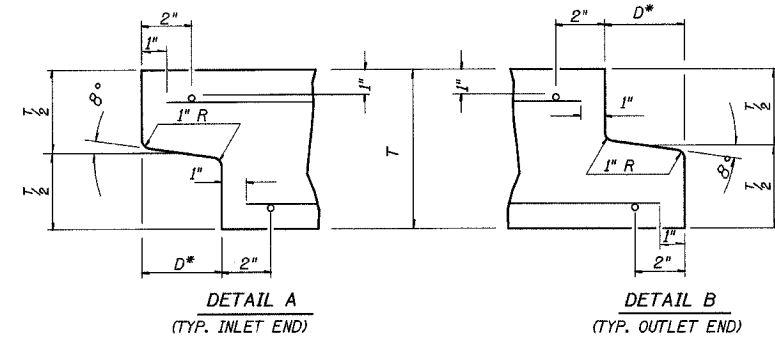
1 2 3 4 5 6 7 8 9 \$\$\$DATE\$\$\$
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 19 20 21 22 23 24 25 26 27
 28 29 30 31 32 33 34 35 36
 37 38 39 40 41 42 43 44 45
 46 47 48 49 50 51 52 53 54
 55 56 57 58 59 60 61 62 63

DGN-SPEC
 DATE

DETAIL OF PRECAST CONCRETE BOX CULVERT M259

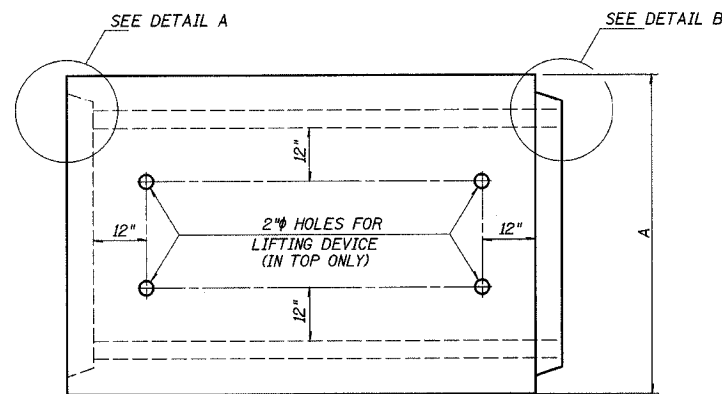
(WITH EQUAL TO OR GREATER THAN 2 FEET OF COVER)

AASHTO DESIGNATION M259
(ASTM DESIGNATION C-789)
DESIGN LOADING = HS20-44

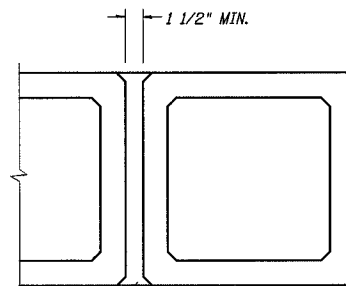


DETAIL A (TYP. INLET END)
DETAIL B (TYP. OUTLET END)
NOTE: INLET AND OUTLET ENDS SHALL BE COMPATIBLE.

* THE D DIMENSION SHALL CONFORM TO THE MANUFACTURER'S STANDARDS.



PLAN
LOCATION OF LIFTING HOLES MAY BE VARIED AS NEEDED TO CLEAR REINFORCEMENT.



CLASS SI CONCRETE
MULTIPLE UNIT PLACEMENT

GENERAL NOTES

SHOP PLANS FOR THE REINFORCEMENT SHALL BE SUBMITTED IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 504.04(d) OF THE STANDARD SPECIFICATIONS.

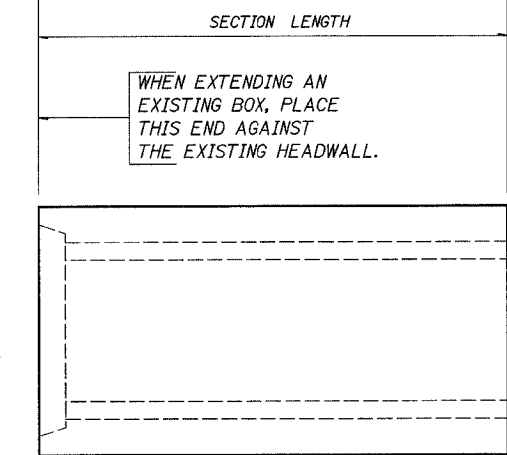
MINIMUM CONCRETE STRENGTH SHALL BE 5000 PSI AFTER 28 DAYS.

THE JOINTS OF THE PRECAST BOX SECTIONS SHALL BE SEALED IN ACCORDANCE WITH ARTICLE 542.04(d) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

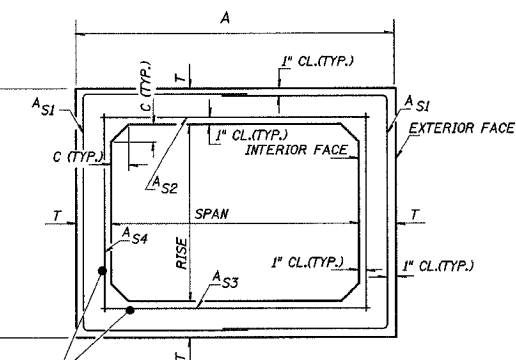
THE TERMS A_{S1} , A_{S2} , AND A_{S4} DENOTE THE REQUIRED STEEL AREAS FOR REINFORCEMENT AS SPECIFIED IN ASSHTO M259. REINFORCEMENT SHALL BE WELDED WIRE FABRIC CONFORMING TO ASSHTO M55.

LIFTING HOLES SHALL BE FILLED WITH CONCRETE PLUGS AND MASTIC AFTER THE BOX SECTIONS ARE IN PLACE.

DRAINAGE OPENINGS SHALL BE PROVIDED IN ACCORDANCE WITH ARTICLE 503.12 OF THE STANDARD SPECIFICATIONS. LOCATION AND SPACING OF THE OPENINGS SHALL BE SHOWN ON THE SHOP DRAWINGS.



ELEVATION



LONGITUDINAL REINFORCEMENT
CROSS SECTION

CULVERT SIZE	DIMENSIONS			
	T (INCHES)	A FT-IN	B FT-IN	C (INCHES)
SPAN x RISE (FOOT)				
2x2	4	2-8	2-8	4
3x2	4	3-8	2-8	4
3x3	4	3-8	3-8	4
4x2	5	4-10	2-10	5
4x3	5	4-10	3-10	5
4x4	5	4-10	4-10	5
5x2	6	6-0	3-0	6
5x3	6	6-0	4-0	6
5x4	6	6-0	5-0	6
5x5	6	6-0	6-0	6
6x2	7	7-2	3-2	7
6x3	7	7-2	4-2	7
6x4	7	7-2	5-2	7
6x5	7	7-2	6-2	7
6x6	7	7-2	7-2	7
7x3	8	8-4	4-4	8
7x4	8	8-4	5-4	8
7x5	8	8-4	6-4	8
7x6	8	8-4	7-4	8
7x7	8	8-4	8-4	8
8x2	8	9-4	3-4	8
8x4	8	9-4	5-4	8
8x5	8	9-4	6-4	8
8x6	8	9-4	7-4	8
8x7	8	9-4	8-4	8
8x8	8	9-4	9-4	8
9x5	9	10-6	6-6	9
9x6	9	10-6	7-6	9
9x7	9	10-6	8-6	9
9x8	9	10-6	9-6	9
9x9	9	10-6	10-6	9
10x5	10	11-8	6-8	10
10x6	10	11-8	7-8	10
10x7	10	11-8	8-8	10
10x8	10	11-8	9-8	10
10x9	10	11-8	10-8	10
10x10	10	11-8	11-8	10
11x4	11	12-10	5-10	11
11x6	11	12-10	7-10	11
11x8	11	12-10	9-10	11
11x10	11	12-10	11-10	11
11x11	11	12-10	12-10	11
12x4	12	14-0	6-0	12
12x6	12	14-0	8-0	12
12x8	12	14-0	10-0	12
12x10	12	14-0	12-0	12
12x12	12	14-0	14-0	12

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

DETAIL OF PRECAST CONCRETE BOX CULVERT SECTION

DATE REVISED: 05/28/99
DRAWN BY DIST. 7
CHECKED BY BWC

1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
19 20 21 22 23 24 25 26 27
28 29 30 31 32 33 34 35 36
37 38 39 40 41 42 43 44 45
46 47 48 49 50 51 52 53 54
55 56 57 58 59 60 61 62 63

DGN-SPEC
DATE

DETAIL OF PRECAST CONCRETE BOX CULVERT END SECTION

AASHO DESIGNATION M259
(ASTM DESIGNATION C-789)
DESIGN LOADING = HS20-44

*** NOTE: THE DIMENSIONS INDICATED ARE FOR END SECTIONS THAT ARE TO BE USED WITH PRECAST BOX CULVERT SECTIONS DESIGNED FOR 2 FEET OR MORE OF FILL. THE DIMENSIONS MUST BE MODIFIED FOR THE END SECTION TO BE COMPATIBLE WITH PRECAST CULVERT SECTIONS DESIGNED FOR LESS THAN 2 FEET OF FILL.

CULVERT SIZE	DIMENSIONS ***									
	SPANxRISE (FOOT)	T	A	B	C	E	F	G	H	SLOPE
		INCH	FT-IN	FT-IN	INCH	FT-IN	FT-IN	FT-IN	FT-IN	FT-IN
2x2	4	2-8	2-8	4	3-0	3-0	1-0	1-0	3:1	
3x2	4	3-8	2-8	4	3-0	3-0	1-0	1-0	3:1	
3x3	4	3-8	3-8	4	2-0	4-0	1-8	1-4	3:1	
4x2	5	4-10	2-10	5	3-0	3-0	1-0	1-0	3:1	
4x3	5	4-10	3-10	5	2-0	4-0	1-8	1-4	3:1	
4x4	5	4-10	4-10	5	2-0	4-0	2-0	2-0	2:1	
5x2	6	6-0	3-0	6	3-0	3-0	1-0	1-0	3:1	
5x3	6	6-0	4-0	6	2-0	4-0	1-8	1-4	3:1	
5x4	6	6-0	5-0	6	2-0	4-0	2-0	2-0	2:1	
5x5	6	6-0	6-0	6	2-0	4-0	3-0	2-0	2:1	
6x2	7	7-2	3-2	7	3-0	3-0	1-0	1-0	3:1	
6x3	7	7-2	4-2	7	2-0	4-0	1-8	1-4	3:1	
6x4	7	7-2	5-2	7	2-0	4-0	2-0	2-0	2:1	
6x5	7	7-2	6-2	7	2-0	4-0	3-0	2-0	2:1	
6x6	7	7-2	7-2	7	2-0	4-0	4-0	2-0	2:1	
7x3	8	8-4	4-4	8	2-0	4-0	1-8	1-4	3:1	
7x4	8	8-4	5-4	8	2-0	4-0	2-0	2-0	2:1	
7x5	8	8-4	6-4	8	2-0	4-0	3-0	2-0	2:1	
7x6	8	8-4	7-4	8	2-0	4-0	4-0	2-0	2:1	
7x7	8	8-4	8-4	8	2-0	4-0	5-0	2-0	2:1	
8x2	8	9-4	3-4	8	2-0	3-0	1-0	1-0	3:1	
8x4	8	9-4	5-4	8	2-0	4-0	2-0	2-0	2:1	
8x5	8	9-4	6-4	8	2-0	4-0	3-0	2-0	2:1	
8x6	8	9-4	7-4	8	2-0	4-0	4-0	2-0	2:1	
9x5	9	10-6	6-6	9	2-0	4-0	3-0	2-0	2:1	
9x6	9	10-6	7-6	9	2-0	4-0	4-0	2-0	2:1	

CULVERTS WITH RISE > 12 FT REQUIRE CAST-IN-PLACE END SECTIONS

GENERAL NOTES

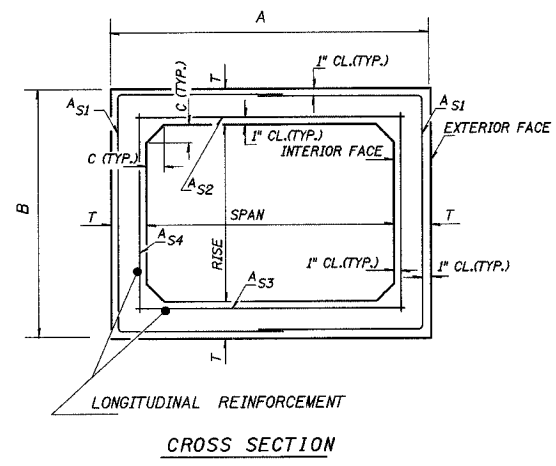
SHOP PLANS FOR THE REINFORCEMENT SHALL BE SUBMITTED IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 504.04(a) OF THE STANDARD SPECIFICATIONS.

MINIMUM CONCRETE STRENGTH SHALL BE 5000 PSI AFTER 28 DAYS.

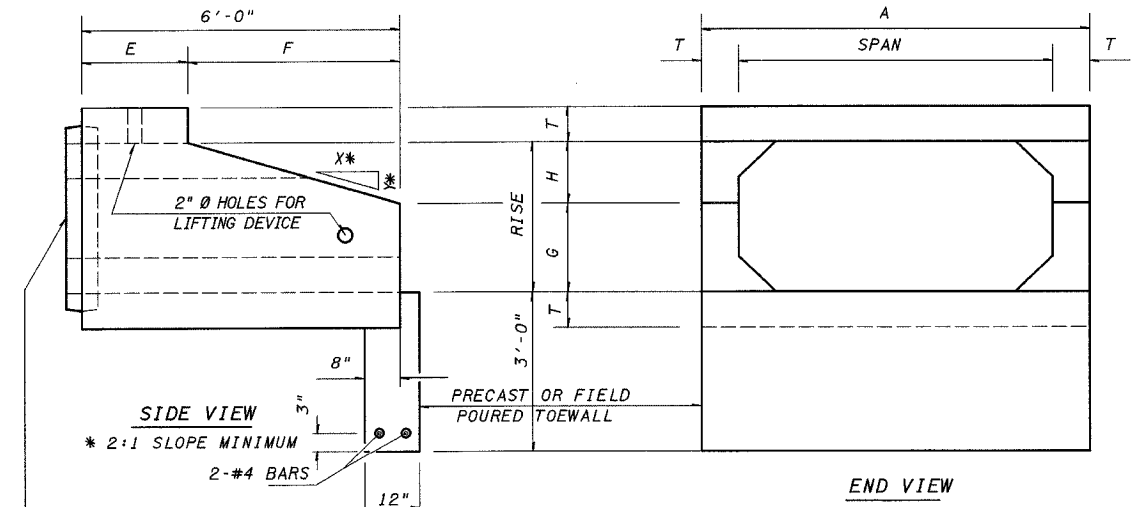
THE JOINTS OF THE PRECAST BOX SECTIONS SHALL BE SEALED WITH ACCORDANCE WITH ARTICLE 542.04(d) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

THE TERMS A_{S1} , A_{S2} , A_{S3} , AND A_{S4} DENOTE THE REQUIRED STEEL AREAS FOR REINFORCEMENT AS SPECIFIED IN AASHTO M259. REINFORCEMENT SHALL BE WELDED WIRE FABRIC CONFORMING TO AASHTO SPECIFICATIONS M55.

LIFTING HOLES SHALL BE FILLED WITH CONCRETE PLUGS AND MASTIC AFTER THE END SECTIONS ARE IN PLACE.

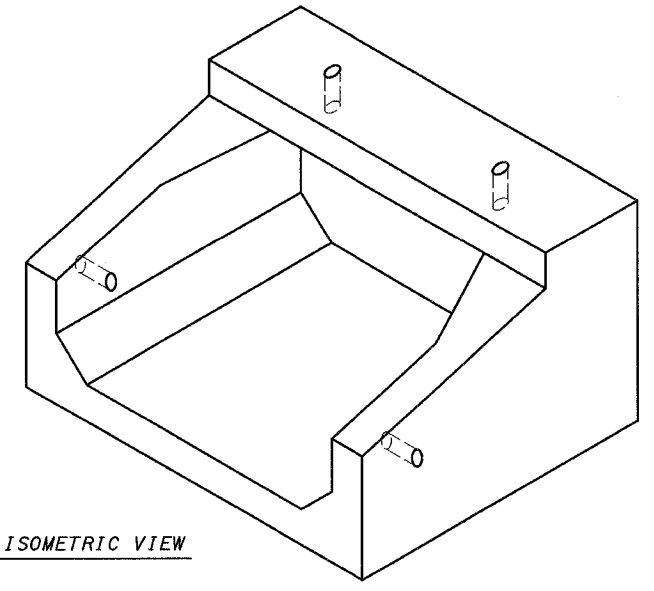


CROSS SECTION

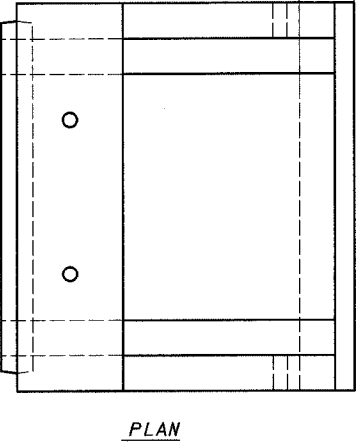


END VIEW

END CONNECTION TO FIT PRECAST BOX CULVERT (BELL OR SPIGOT MAY BE OMITTED WHEN COLLARING TO AN EXISTING BOX OR HEADWALL).



ISOMETRIC VIEW



PLAN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

DETAIL OF PRECAST CONCRETE BOX CULVERT END SECTION

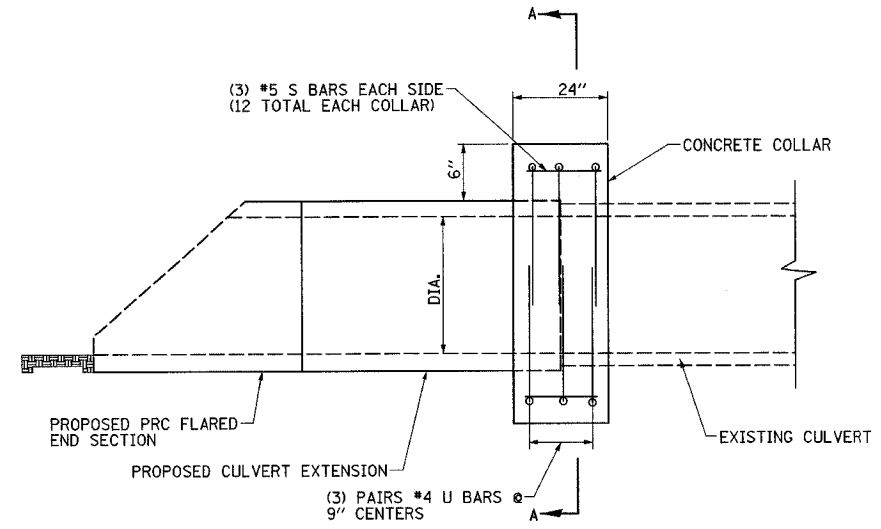
DATE REVISED: 05/28/99

DRAWN BY DIST. 7
CHECKED BY BWC

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36 37 38 39 40 41 42 43 44 45
46 47 48 49 50 51 52 53 54
55 56 57 58 59 60 61 62 63

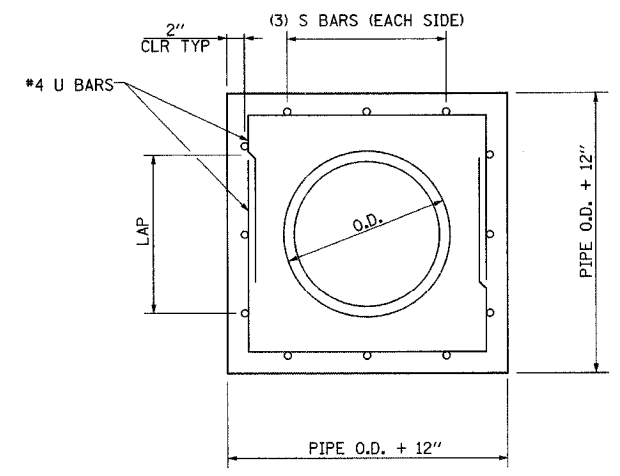
EC850

DGN-SPEC
DATE

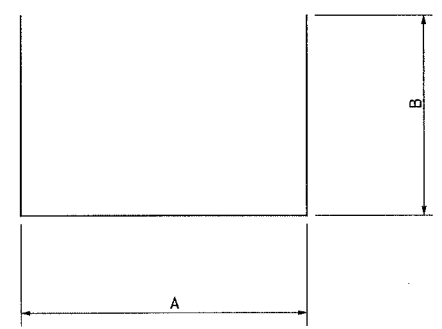


ELEVATION

NOTE: EXISTING HEADWALL OR END SECTION TO BE REMOVED AS APPLICABLE (NOT SHOWN FOR CLARITY).



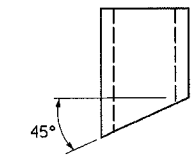
SECTION A-A



U BAR

REINFORCED CONCRETE PIPE CULVERT EXTENSION COLLAR SCHEDULE															
LOCATION	SIDE	STATION	PIPE DIAMETER	EXTENSION LENGTH	PRC FLARED END SECTION	S BARS		U BARS DIMENSIONS				REINFORCING BARS	CONCRETE COLLAR *		
						NUMBER BARS	LENGTH (INCHES)	NUMBER BARS	A (INCHES)	B (INCHES)	LAP (INCHES)			A+2B LENGTH (INCHES)	POUND
** MAINLINE	RT	162+82.39	24"	2	1	12	20	6	38	29	20	96	53	0.5	
	TRIO9	LT	109+93.33	18"	5	1	12	20	6	32	26	20	84	49	0.4
	MAINLINE	LT	198+62.63	30"	5	1	12	20	6	43.5	31.75	20	107	57	0.7
	MAINLINE	RT	198+62.63	30"	9	1	12	20	6	43.5	31.75	20	107	57	0.7
	MAINLINE	LT	616+93.39	24"	7	1	12	20	6	38	29	20	96	53	0.5
	MAINLINE	RT	616+93.39	24"	13	1	12	20	6	38	29	20	96	53	0.5
TOTALS:												322	3.3		

** FIRST SECTION SKEWED 45° AT END



* THE COST OF CONCRETE COLLAR FOR PIPE CULVERT EXTENSION IS TO BE INCLUDED IN THE COST OF CONCRETE PIPE EXTENSION.

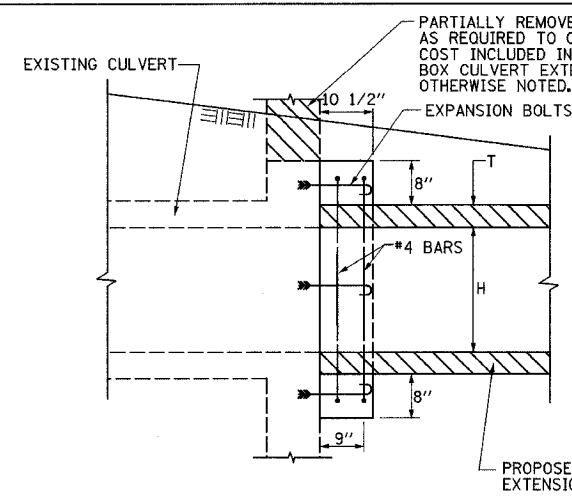
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

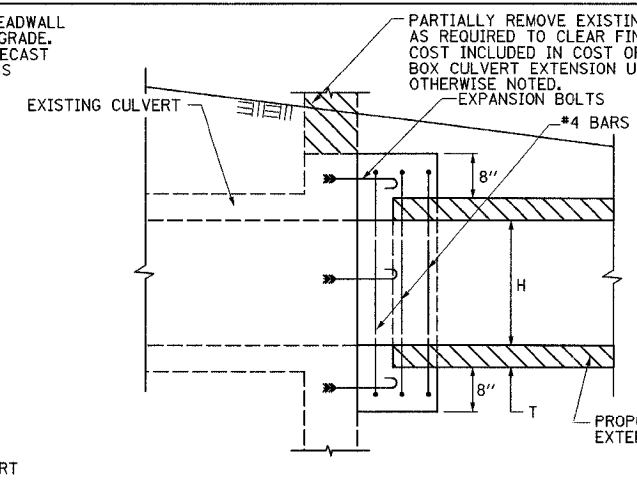
CONCRETE PIPE CULVERT EXTENSION DETAILS

DRAWN BY MLO
CHECKED BY SJK

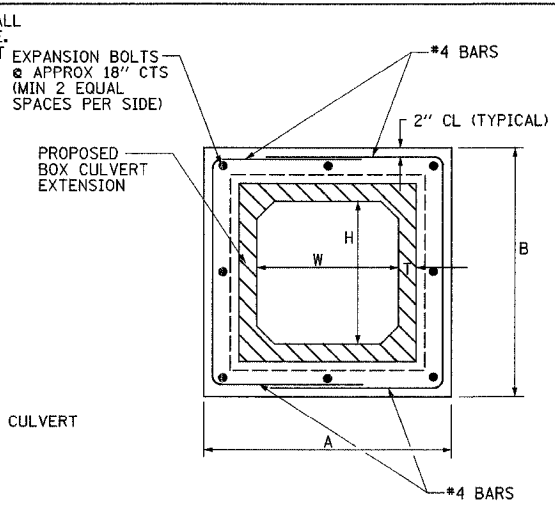
DATE 9/01



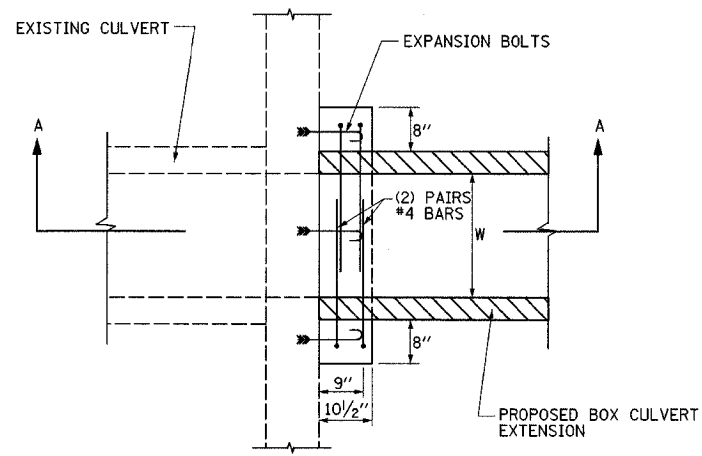
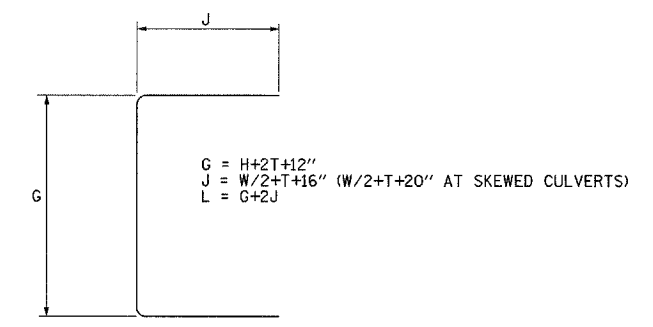
SECTION A-A



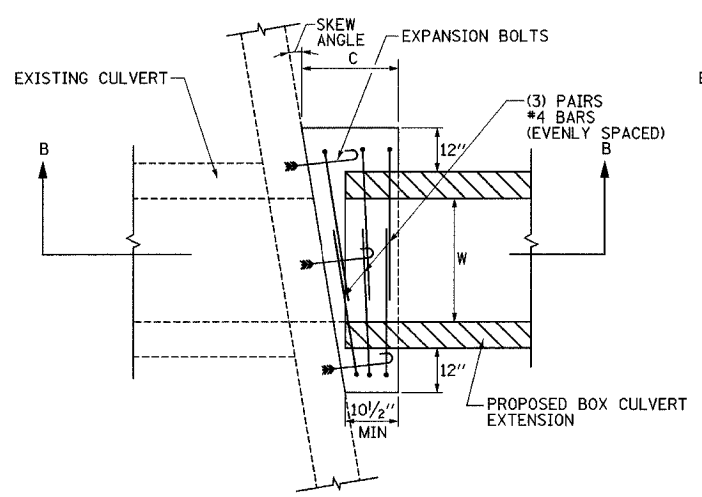
SECTION B-B



END VIEW

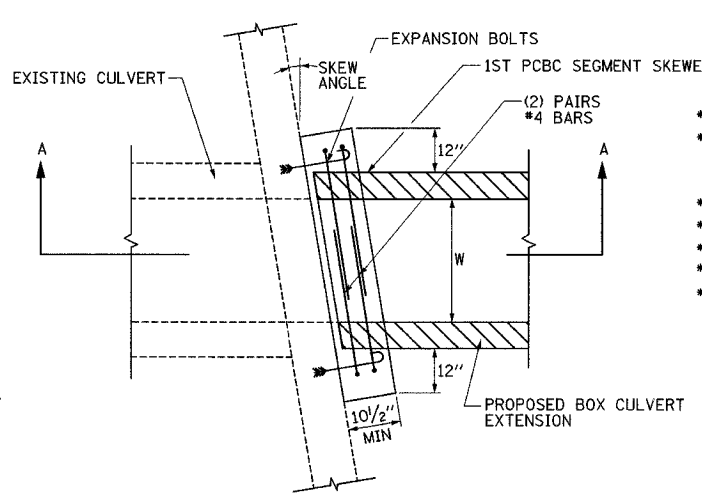


PLAN VIEW (RIGHT ANGLE CULVERT)



PLAN VIEW

PCBC WITH SQUARE END FOR:
W=3' (ANY SKEW ANGLE)
W=4' WITH SKEW ANGLE <30°
W=6' WITH SKEW ANGLE <20°
W=8' WITH SKEW ANGLE <15°



PLAN VIEW

PCBC WITH FIRST SEGMENT SKEWED FOR:
W=4' WITH SKEW ANGLE >30°
W=6' WITH SKEW ANGLE >20°
W=8' WITH SKEW ANGLE >15°

NOTE: EXPANSION BOLTS SHALL CONSIST OF SELF-DRILLING EXPANSION SHIELDS AND HOOKED BOLTS, HOOKED BOLTS SHALL EXTEND A MINIMUM OF 9" INTO THE NEW CONCRETE.

SIDE	STATION	CULVERT SIZE	EXTENSION LENGTH	CULVERT NO.	DESIGN FILL HEIGHT	BOX CULVERT END SECTION	SKEW ANGLE	DIMENSIONS						REINFORCEMENT BARS				EXPANSION BOLTS 3/4"	CONCRETE COLLAR # COLLAR	
								A	B	C	W	H	T	G	J	L	NUMBER BARS			LB
LT	162+82.39	PCBC 2'x2'	16	1	3	1	-	48	48	-	24	24	4	44	32	108	4	24	8	0.3
LT	174+03.33	PCBC 2'x2'	21	2	17	1	-	56	48	-	24	24	4	44	32	108	4	24	8	0.3
LT	174+81.81	PCBC 3'x3'	26	3	14	1	-	60	60	-	36	36	4	56	38	132	4	29	8	0.4
RT	174+81.81	PCBC 3'x3'	7	3	14	-	-	60	60	-	36	36	4	56	38	132	4	29	8	0.4
LT	178+03.29	PCBC 2'x2'	16	4	6	1	-	48	48	-	24	24	4	44	32	108	4	24	8	0.3
RT	178+03.29	PCBC 2'x2'	20	4	6	1	-	48	48	-	24	24	4	44	32	108	4	24	8	0.3
LT	181+71.80	PCBC 8'x6'	12	5	5	1	30°	136	104	-	96	72	8	100	76	252	4	56	18	1.0
RT	181+71.80	PCBC 8'x6'	14	5	5	1	30°	136	104	-	96	72	8	100	76	252	4	56	18	1.0
LT	203+98.97	PCBC 3'x2'	8	6	<2	1	-	60	48	-	36	24	4	44	38	120	4	27	8	0.3
RT	203+98.97	PCBC 3'x2'	9	6	<2	1	-	60	48	-	36	24	4	44	38	120	4	27	8	0.3
LT	215+77.29	PCBC 3'x2'	6	7	<2	1	-	60	48	-	36	24	4	44	38	120	4	27	8	0.3
RT	215+77.29	PCBC 3'x2'	10	7	<2	1	-	60	48	-	36	24	4	44	38	120	4	27	8	0.3
LT	287+41.18	PCBC 4'x2'	8	8	<2	1	-	74	50	-	48	24	5	46	45	136	4	30	8	0.4
RT	287+41.18	PCBC 4'x2'	9	8	<2	1	-	74	50	-	48	24	5	46	45	136	4	30	8	0.4
LT	313+50.00	PCBC 6'x3'	69	9	2	1	23°	110	66	-	72	36	7	62	63	188	4	42	12	0.7
RT	313+75.00	PCBC 4'x3'	43	10	3	1	13°	82	62	29	48	36	5	58	49	156	6	52	10	1.0
LT	391+26.76	PCBC 2'x2'	16	11	2	1	-	48	48	-	24	24	4	44	32	108	4	24	8	0.3
RT	391+26.76	PCBC 2'x2'	13	11	2	1	-	48	48	-	24	24	4	44	32	108	4	24	8	0.3
LT	554+20.38	PCBC 8'x2'	5	13	<2	1	45°	136	56	-	96	24	8	52	76	204	4	45	14	0.7
RT	554+20.38	PCBC 8'x2'	5	13	2	1	45°	136	56	-	96	24	8	52	76	204	4	45	14	0.7
LT	609+33.42	PCBC 2'x2'	8	14	2	1	26°	56	48	38	24	24	4	44	36	116	6	39	8	0.5
RT	609+33.42	PCBC 2'x2'	12	14	2	1	26°	56	48	38	24	24	4	44	36	116	6	39	8	0.5
LT	682+90.23	PCBC 3'x2'	9	15	2	1	29°	68	48	38	36	24	4	44	42	128	6	43	8	1.1
RT	689+49.10	PCBC 4'x2'	6	16	<2	1	-	74	50	-	48	24	5	46	45	136	4	30	8	0.4
TOTALS:																817	230	12.2		

*THE COST OF CONCRETE COLLAR FOR PRECAST BOX CULVERT EXTENSION IS TO BE INCLUDED IN THE COST OF BOX CULVERT EXTENSION.

**SKEWED CULVERT

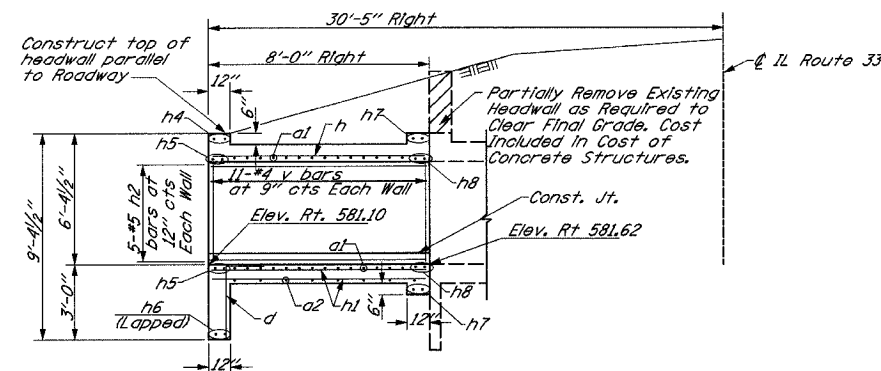
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

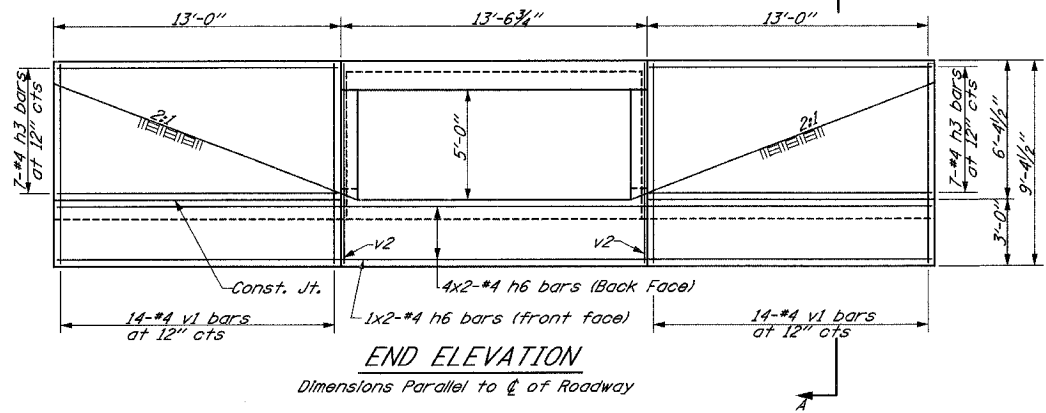
CONCRETE BOX CULVERT EXTENSION DETAILS

DATE 9/01

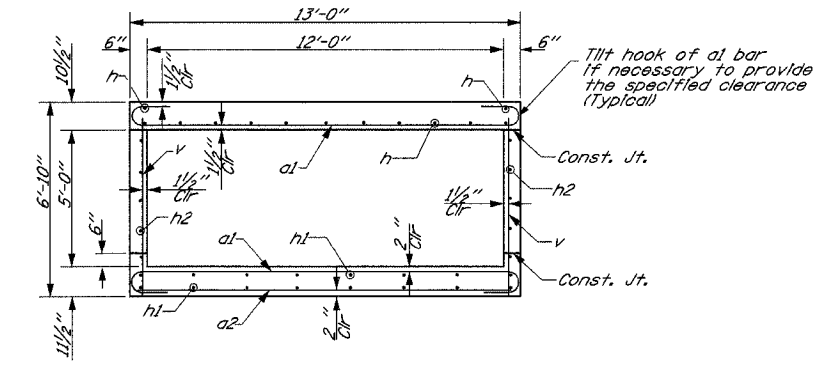
DRAWN BY MLO
CHECKED BY SJK



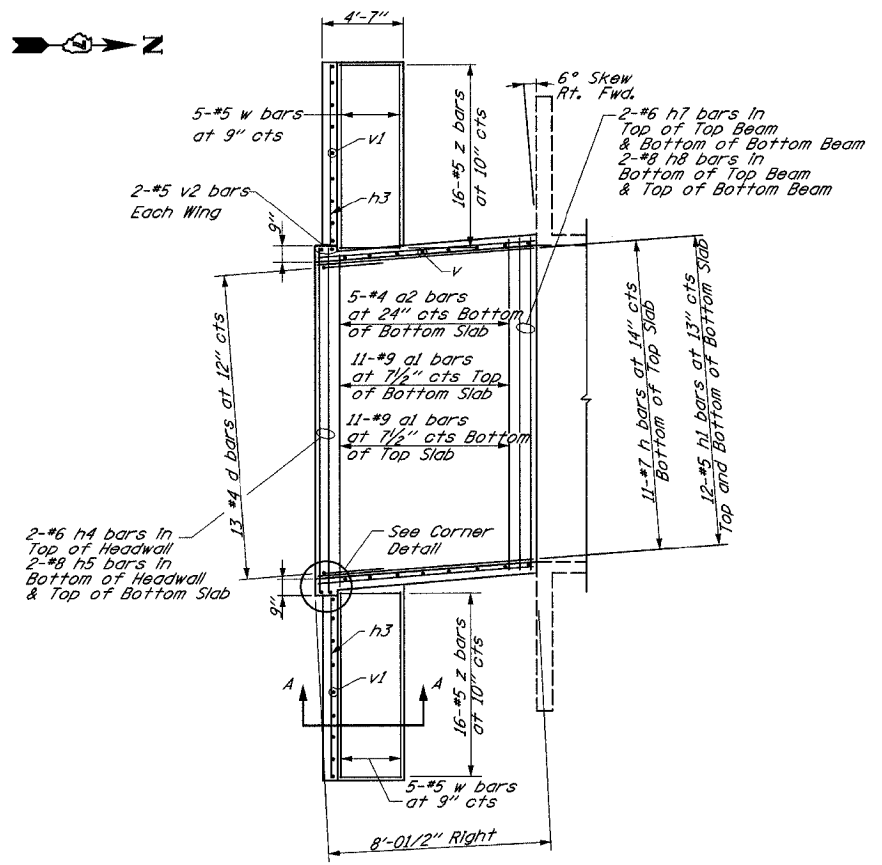
HALF LONG SECTION
Dimensions at Rt L to & Roadway



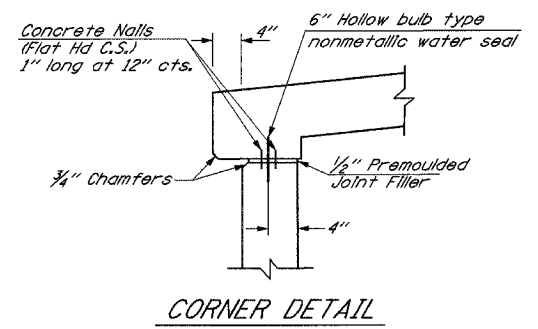
END ELEVATION
Dimensions Parallel to & of Roadway



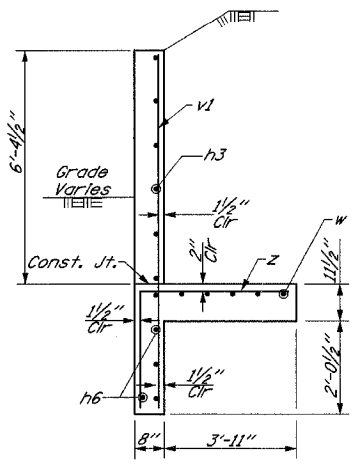
SECTION THRU BARREL



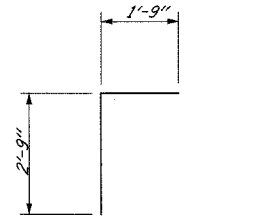
PLAN SHOWING REINFORCEMENT



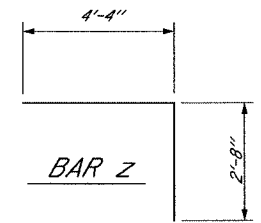
CORNER DETAIL



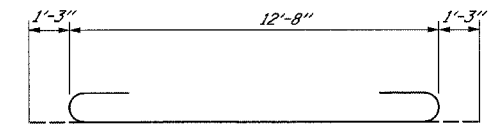
SECTION A-A



BAR d



BAR z



BAR a1

BILL OF MATERIAL

Bar	No.	Size	Length
a1	22	#9	15'-2"
a2	5	#4	12'-8"
d	13	#4	4'-6"
h	13	#7	7'-8"
h1	24	#5	7'-8"
h2	10	#5	7'-8"
h3	14	#4	12'-8"
h4	2	#6	13'-2"
h5	4	#8	13'-2"
h6	10	#4	21'-4"
h7	4	#6	12'-8"
h8	4	#8	12'-8"
v	22	#4	6'-6"
v1	28	#4	9'-0"
v2	4	#5	9'-0"
w	10	#5	12'-10"
z	32	#4	7'-0"
Concrete Structures	Cu Yd		19.7
Reinforcement Bars	Pound		2930
Expansion Bolts 3/4"	Each		24

NOTES:

- Bench Mark: & IL Route 33 at & Culvert (Sta. 238+44.88), Elev. 589.55.
- Design Fill Height 2' Rt.
- Exposed edges shall be chamfered 3/4".
- Class SI Concrete shall be used throughout.
- Reinforcement Bars shall conform to the requirements of AASHTO M31 or M322, Grade 60.
- Bars indicated thus 12x4-#5 etc. indicates 12 lines of #5 bars with 4 lengths per line.
- Nonmetallic water seal used in the wingwall joints shall extend from the top of the footing to within 6" of the top of the headwall.
- For Backfilling and Embankment, see Standard Specifications.
- Hooked Expansion Bolts shall consist of self-drilling expansion shields and hooked bolts. Hooked Bolts shall extend a minimum of 9" into new concrete.

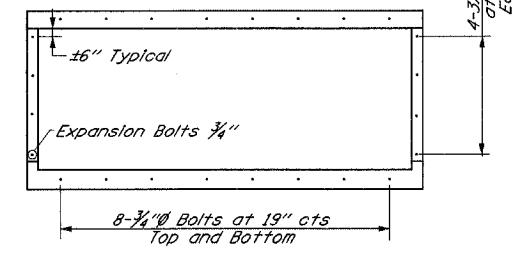
SPECIFICATION

1996 AASHTO with 1997, 1998, 1999, 2000 and 2002 Interims

DESIGN STRESSES

$f_y = 60,000 \text{ psi}$
 $f'_c = 3,500 \text{ psi}$

LOADING HS 20-44

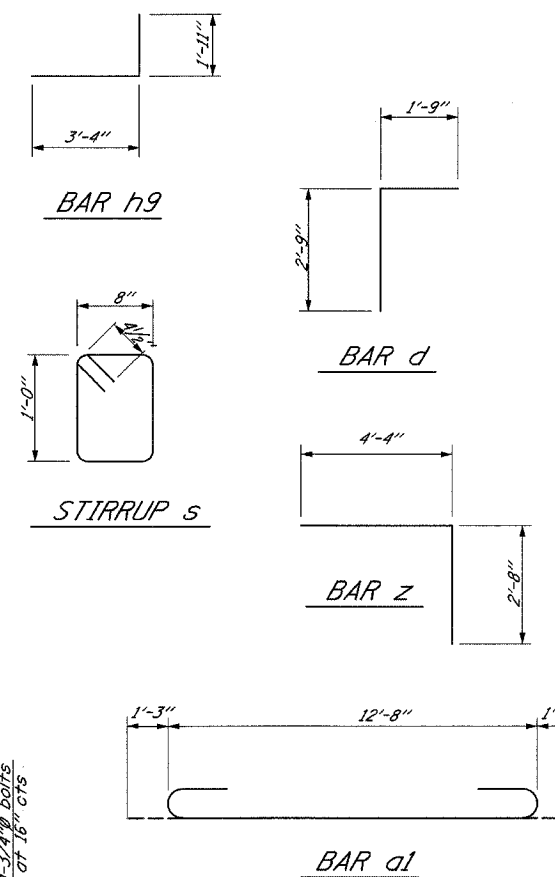
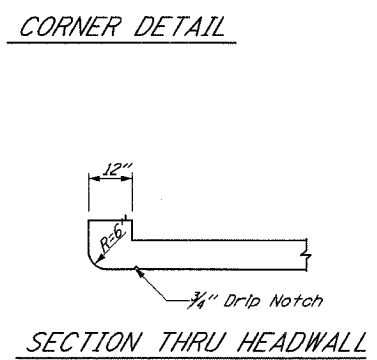
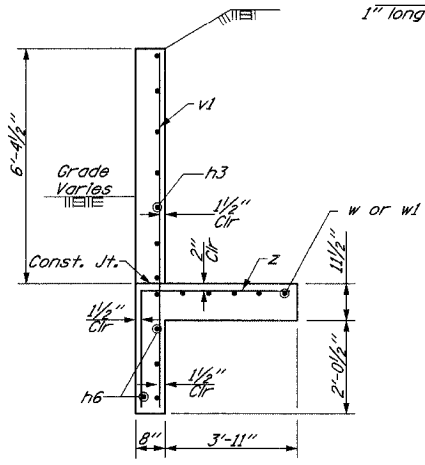
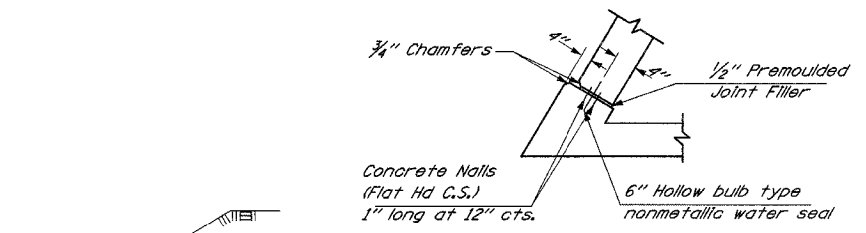
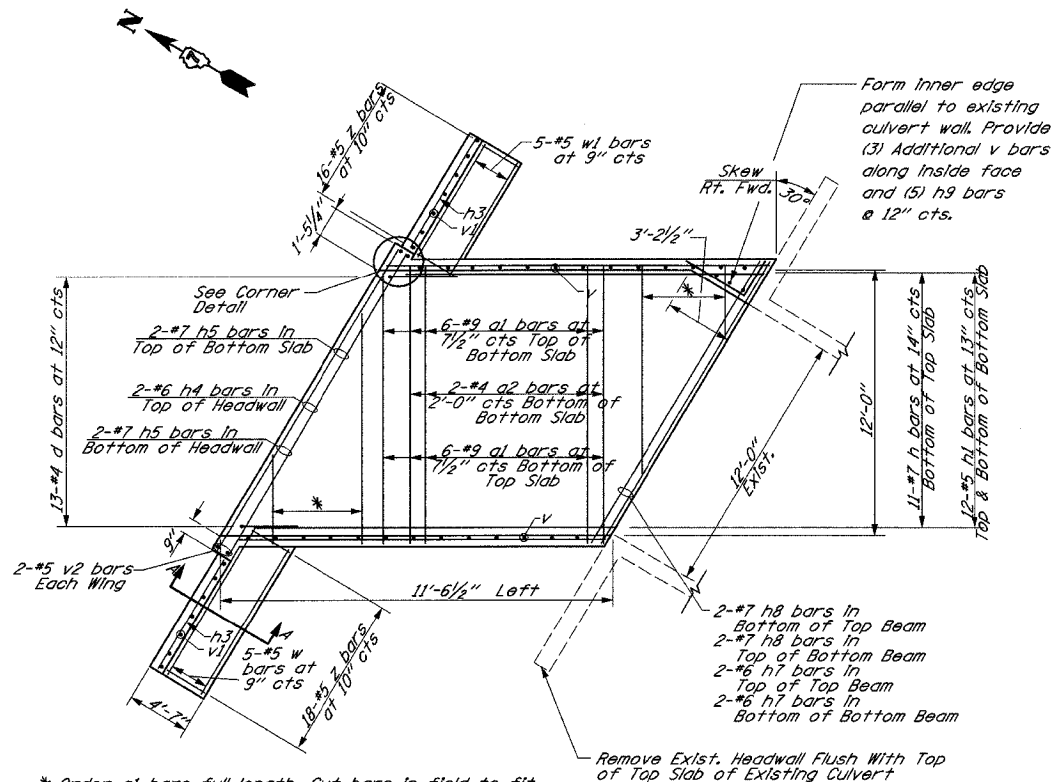
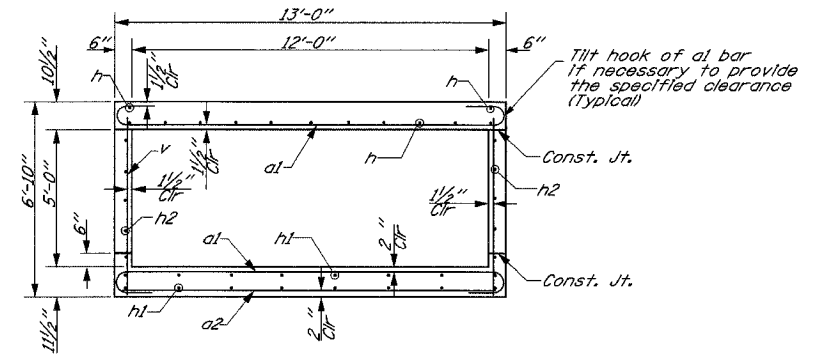
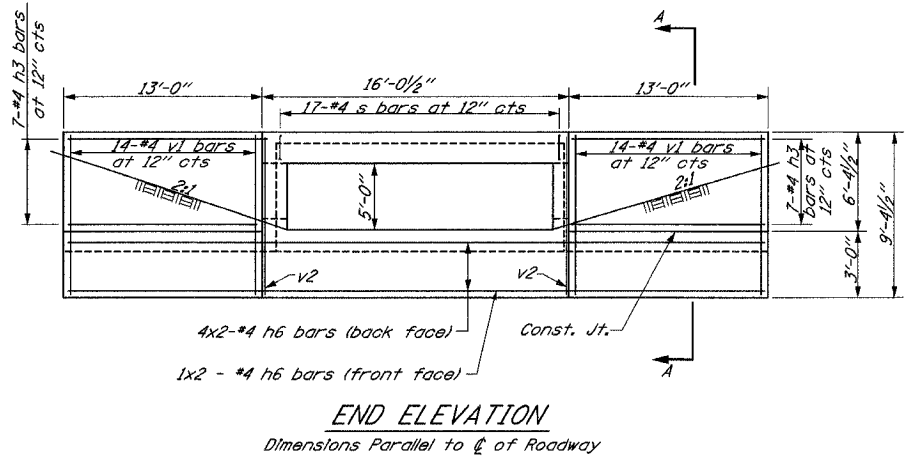
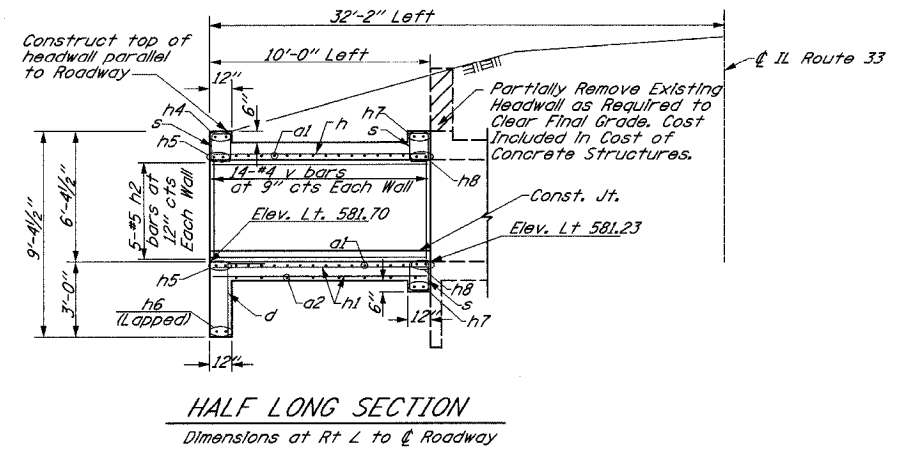


EXPANSION BOLT PLACEMENT DETAIL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
CULVERT EXTENSION DETAILS
& STA. 238+44.88 RT.
SHEET 1 OF 5

DATE 9/01
DRAWN BY BDM
CHECKED BY SJK



BILL OF MATERIAL

Bar	No.	Size	Length
a1	36	#9	15'-2"
a2	6	#4	12'-3"
d	13	#4	4'-6"
h	13	#7	11'-2"
h1	24	#5	11'-2"
h2	10	#5	11'-2"
h3	14	#4	12'-8"
h4	2	#6	15'-8"
h5	4	#7	15'-8"
h6	10	#4	22'-6"
h7	4	#6	14'-8"
h8	4	#7	14'-8"
h9	5	#5	5'-3"
s	49	#4	4'-1"
v	31	#4	6'-6"
v1	28	#4	9'-0"
v2	4	#5	9'-0"
w	5	#5	15'-0"
w1	5	#5	13'-0"
z	28	#4	7'-0"
Concrete Structures			Cu Yd 24.1
Reinforcement Bars			Pound 4067
Expansion Bolts 3/4"			Each 28

NOTES:

- Bench Mark: C of IL Route 33 at C of Culvert (Sta. 238+44.88), Elev. 589.55.
- Design Fill Height 2' Lt.
- Exposed edges shall be chamfered 3/4".
- Class SI Concrete shall be used throughout.
- Reinforcement Bars shall conform to the requirements of AASHTO M31 or M322, Grade 60.
- Bars indicated thus 12x4-#5 etc. indicates 12 lines of #5 bars with 4 lengths per line.
- Nonmetallic water seal used in the wingwall joints shall extend from the top of the footing to within 5" of the top of the headwall.
- For Backfilling and Embankment, see Standard Specifications.
- Hooked Expansion Bolts shall consist of self-drilling expansion shields and hooked bolts. Hooked Bolts shall extend a minimum of 9" into new concrete.

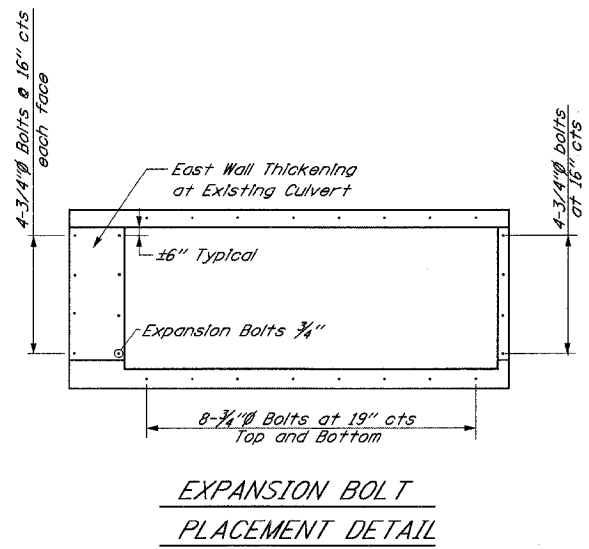
SPECIFICATION

1996 AASHTO with 1997, 1998, 1999, 2000 and 2002 Interims

DESIGN STRESSES

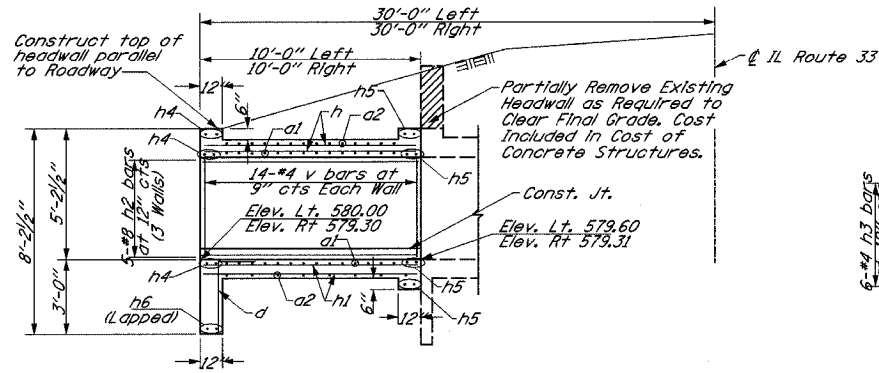
$f_y = 60,000$ psi
 $f'_c = 3,500$ psi

LOADING HS 20-44



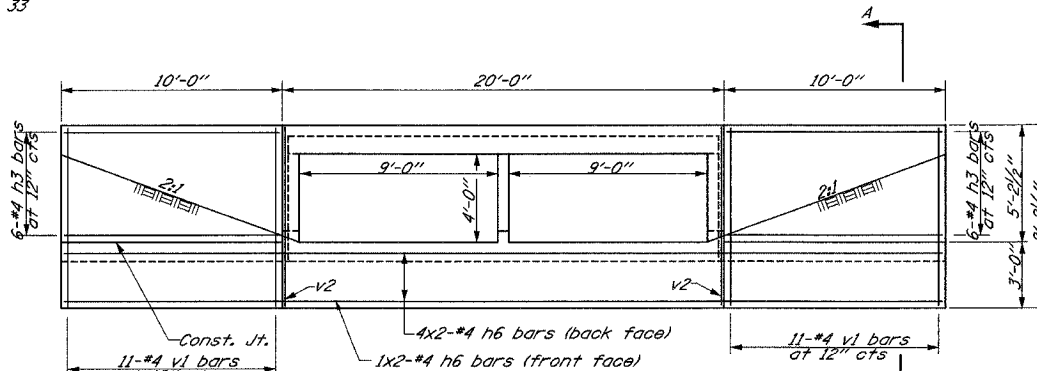
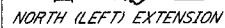
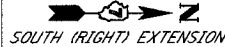
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
CULVERT EXTENSION DETAILS
C of STA. 238+44.88 LT.
SHEET 2 OF 5
DATE 9/01
DRAWN BY BDM
CHECKED BY SJK



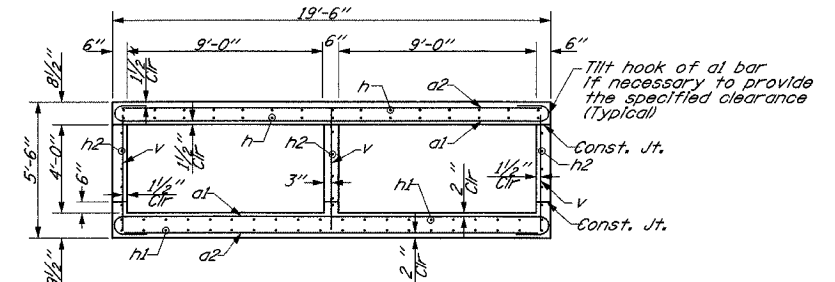
HALF LONG SECTION

Dimensions at Rt L to & Roadway

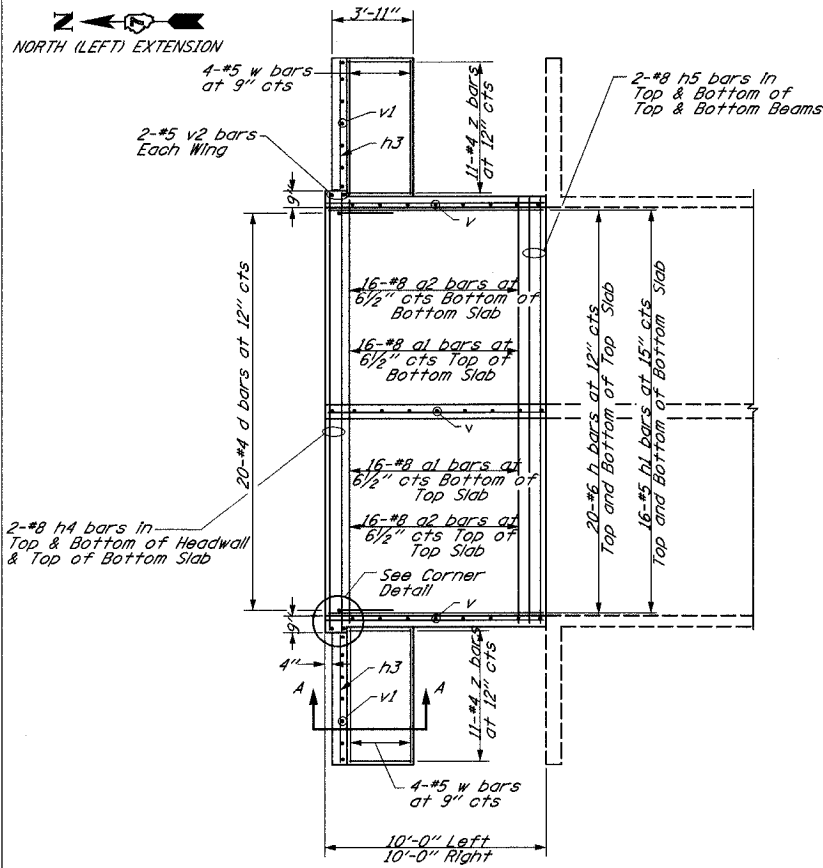


END ELEVATION

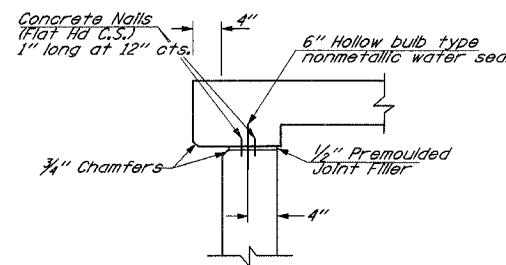
Dimensions Parallel to & of Roadway



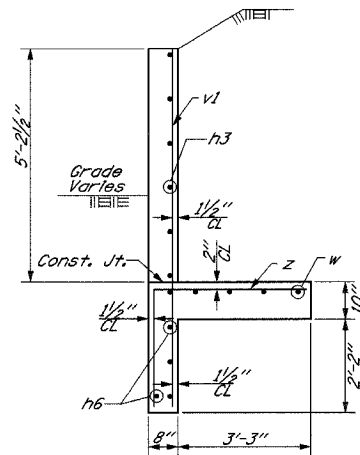
SECTION THRU BARRELS



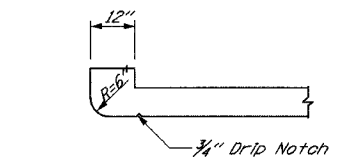
PLAN SHOWING REINFORCEMENT



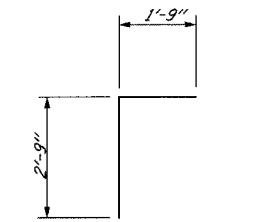
CORNER DETAIL



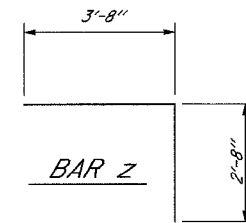
SECTION A-A



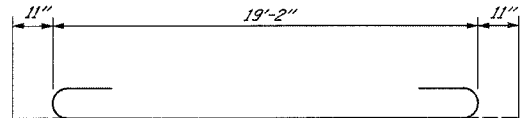
SECTION THRU HEADWALL
(Up Stream End Only)



BAR d



BAR z



BAR a1

BILL OF MATERIAL

(For Two Extensions, 1 Lt. & 1 Rt.)

Bar	No.	Size	Length
a1	64	#8	21'-0"
a2	64	#8	19'-2"
d	40	#4	4'-6"
h	80	#6	9'-8"
h1	64	#5	9'-8"
h2	30	#5	9'-8"
h3	24	#4	9'-8"
h4	12	#8	19'-8"
h5	16	#8	19'-2"
h6	20	#4	21'-6"
v	84	#4	5'-2"
v1	44	#4	7'-11"
v2	8	#5	7'-11"
w	16	#5	9'-11"
z	44	#4	6'-4"
Concrete Structures	Cu Yd		45.2
Reinforcement Bars	Pound		23,848
Expansion Bolts 3/4"	Each		60

NOTES:

- Bench Mark: & IL Route 33 at & Cluvert (Sta. 268+85.25), Elev. 586.63.
- Design Fill Height 2' Lt & Rt.
- Exposed edges shall be chamfered 3/4".
- Class SI Concrete shall be used throughout.
- Reinforcement Bars shall conform to the requirements of AASHTO M31 or M322, Grade 60.
- Bars indicated thus 12x4-#5 etc. indicates 12 lines of #5 bars with 4 lengths per line.
- Nonmetallic water seal used in the wingwall joints shall extend from the top of the footing to within 6" of the top of the headwall.
- For Backfilling and Embankment, see Standard Specifications.
- Expansion Bolts shall consist of self-drilling expansion shields and hooked bolts. Hooked Bolts shall extend a minimum of 9" into new concrete.

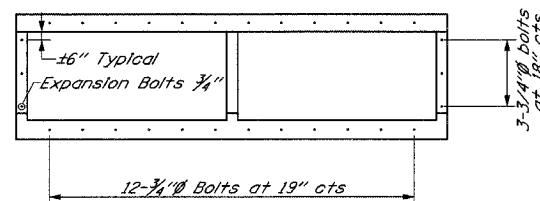
SPECIFICATION

1996 AASHTO with 1997, 1998, 1999, 2000 and 2002 Interims

DESIGN STRESSES

$f_y = 60,000 \text{ psi}$
 $f'_c = 3,500 \text{ psi}$

LOADING HS 20-44

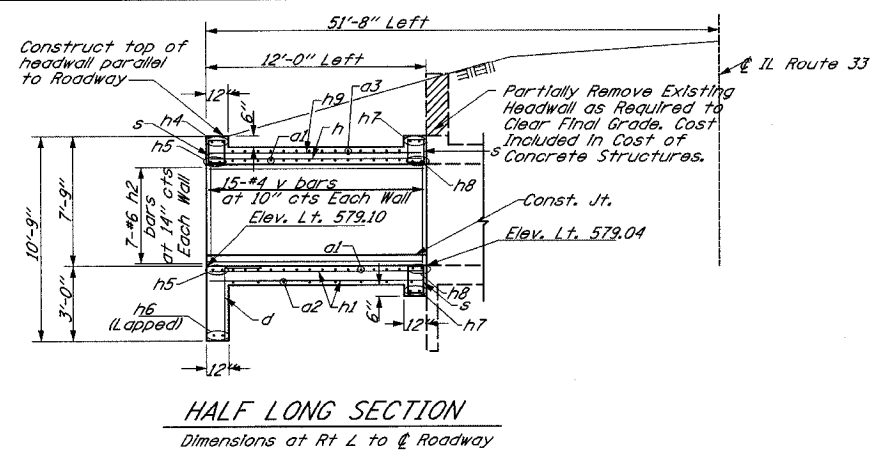


EXPANSION BOLT
PLACEMENT DETAIL

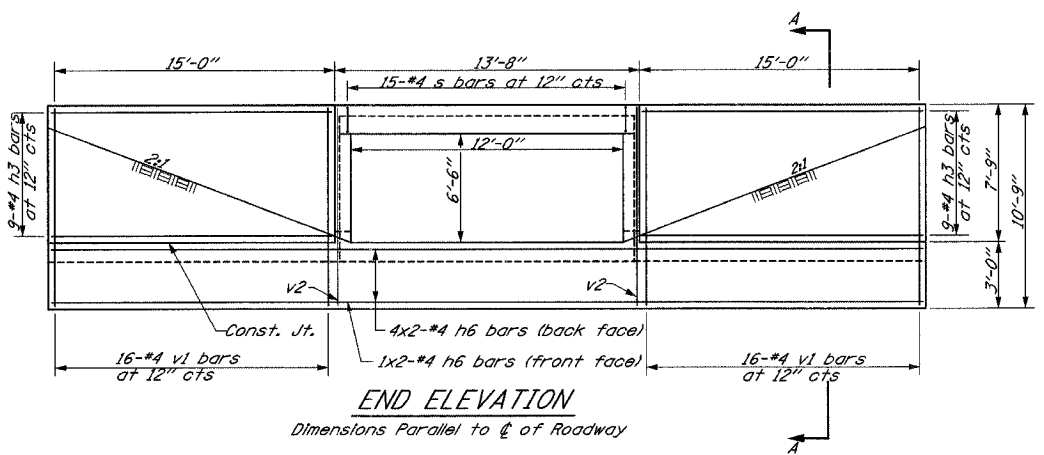
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
CULVERT EXTENSION DETAILS
& STA. 268+85.25
SHEET 3 OF 5

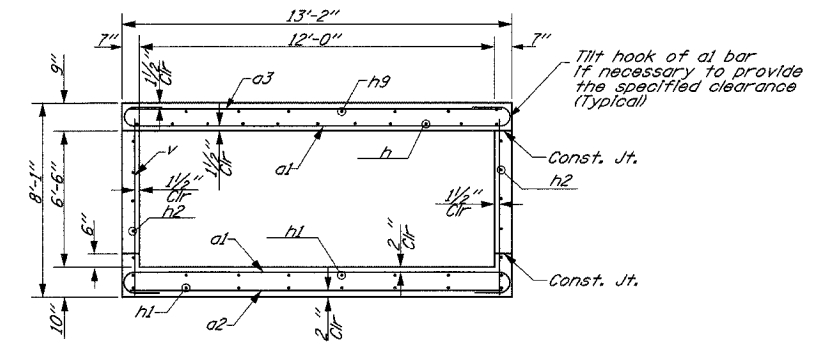
DATE 9/01
DRAWN BY BDM
CHECKED BY SJK



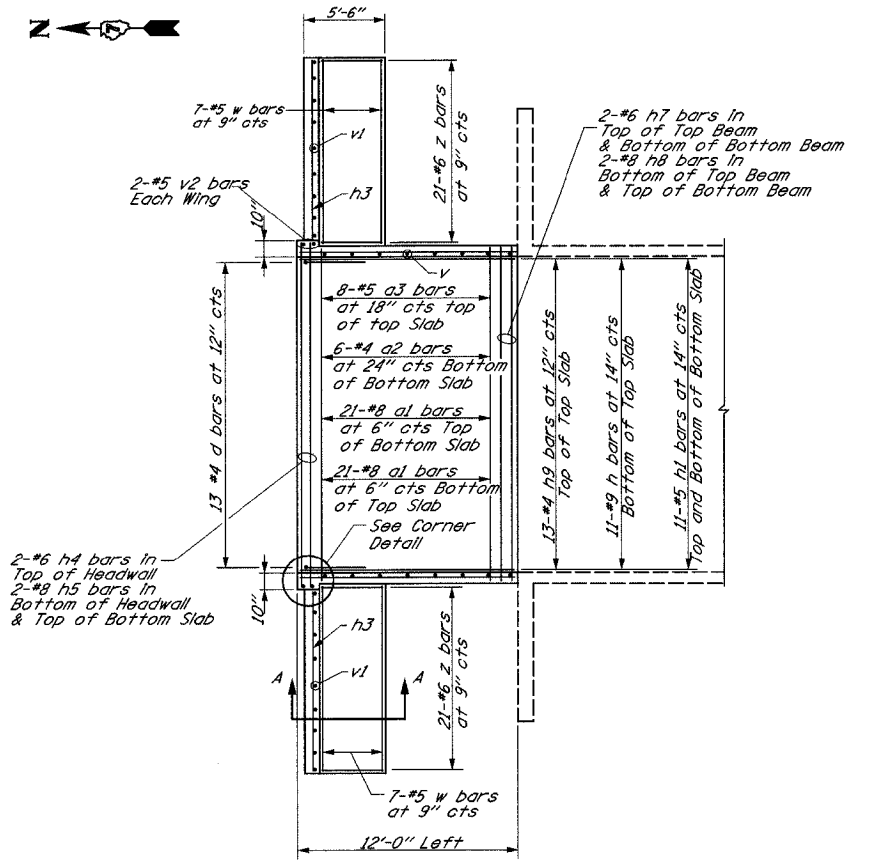
HALF LONG SECTION
Dimensions at Rt L to & Roadway



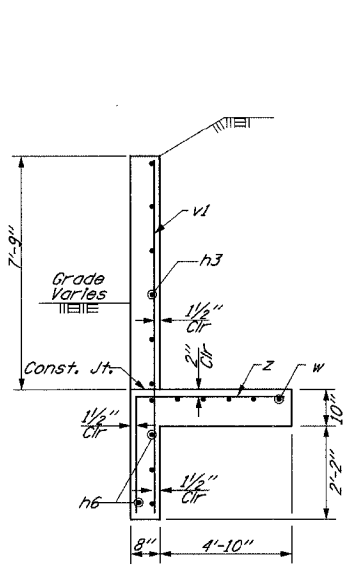
END ELEVATION
Dimensions Parallel to & of Roadway



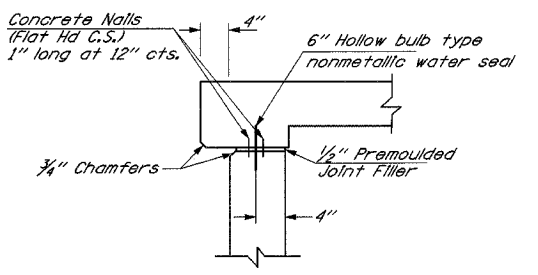
SECTION THRU BARREL



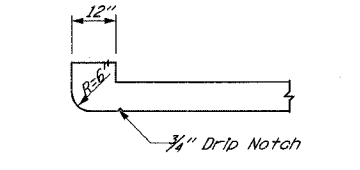
PLAN SHOWING REINFORCEMENT



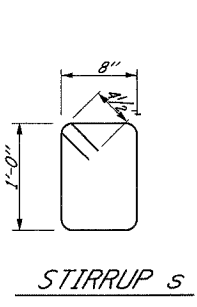
SECTION A-A



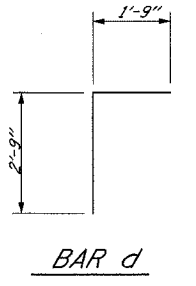
CORNER DETAIL



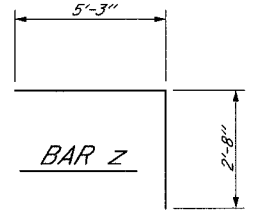
SECTION THRU HEADWALL



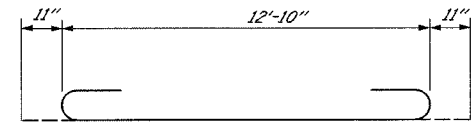
STIRRUP s



BAR d



BAR z



BAR a1

BILL OF MATERIAL

Bar	No.	Size	Length
a1	42	#9	14'-8"
a2	6	#4	12'-3"
a3	8	#5	12'-3"
d	13	#4	4'-6"
h	11	#9	11'-8"
h1	22	#5	11'-8"
h2	14	#6	11'-8"
h3	18	#4	14'-8"
h4	2	#6	13'-4"
h5	4	#9	13'-4"
h6	10	#4	23'-4"
h7	4	#6	12'-10"
h8	4	#9	12'-10"
h9	13	#4	11'-8"
s	43	#4	4'-1"
v	30	#4	7'-9"
v1	32	#4	10'-6"
v2	4	#5	10'-6"
w	14	#5	14'-8"
z	42	#6	7'-11"
Concrete Structures	Cu Yd		28.6
Reinforcement Bars	Pound		4866
Expansion Bolts 3/4"	Each		26

NOTES:

- Bench Mark: Chiseled "C" on Box Culvert Headwall 40' RT, Sta. 315+00.00, Elev. 586.73.
- Design Fill Height <2' Lt.
- Exposed edges shall be chamfered 3/4".
- Class SI Concrete shall be used throughout.
- Reinforcement Bars shall conform to the requirements of AASHTO M31 or M322, Grade 60.
- Bars indicated thus 12x4-#5 etc. indicates 12 lines of #5 bars with 4 lengths per line.
- Nonmetallic water seal used in the wingwall joints shall extend from the top of the footing to within 6" of the top of the headwall.
- For Backfilling and Embankment, see Standard Specifications.
- Hooked Expansion Bolts shall consist of self-drilling expansion shields and hooked bolts. Hooked Bolts shall extend a minimum of 9" into new concrete.

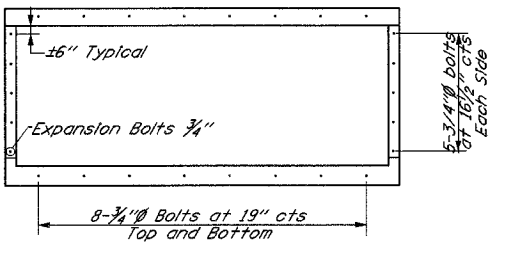
SPECIFICATION

1996 AASHTO with 1997, 1998, 1999, 2000 and 2002 Interims

DESIGN STRESSES

$f_y = 60,000 \text{ psi}$
 $f'_c = 3,500 \text{ psi}$

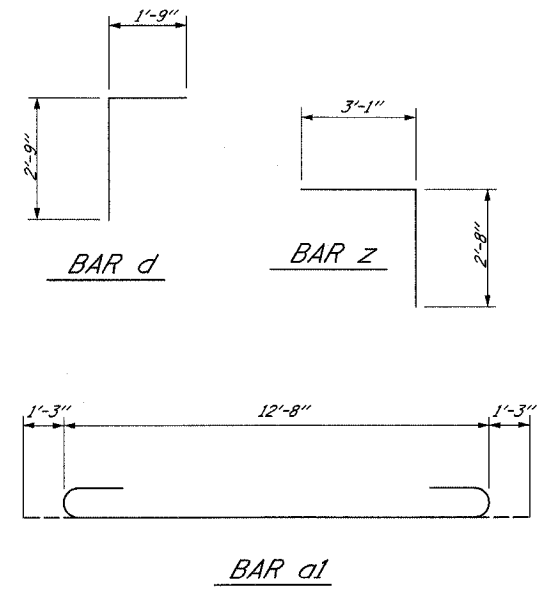
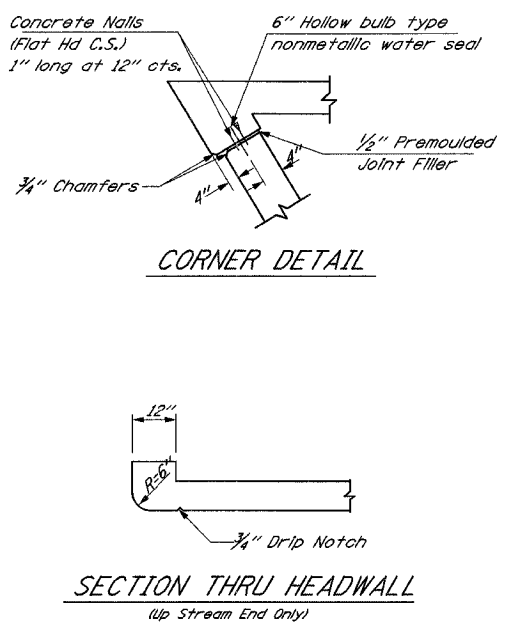
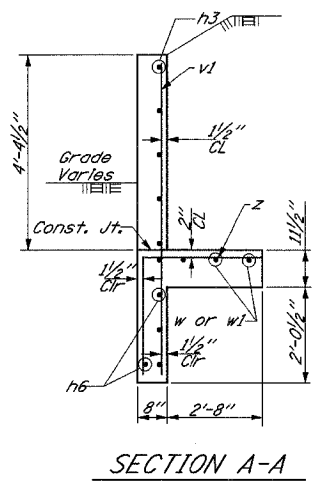
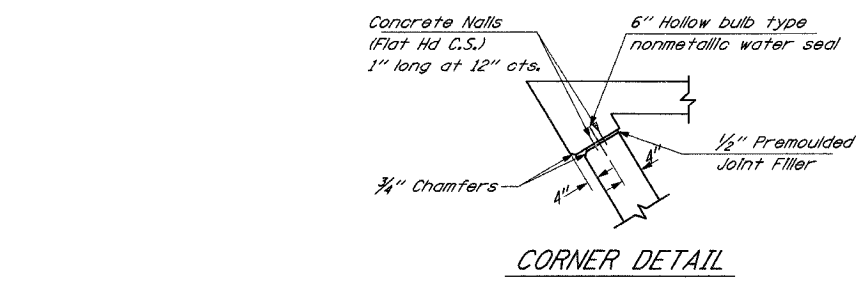
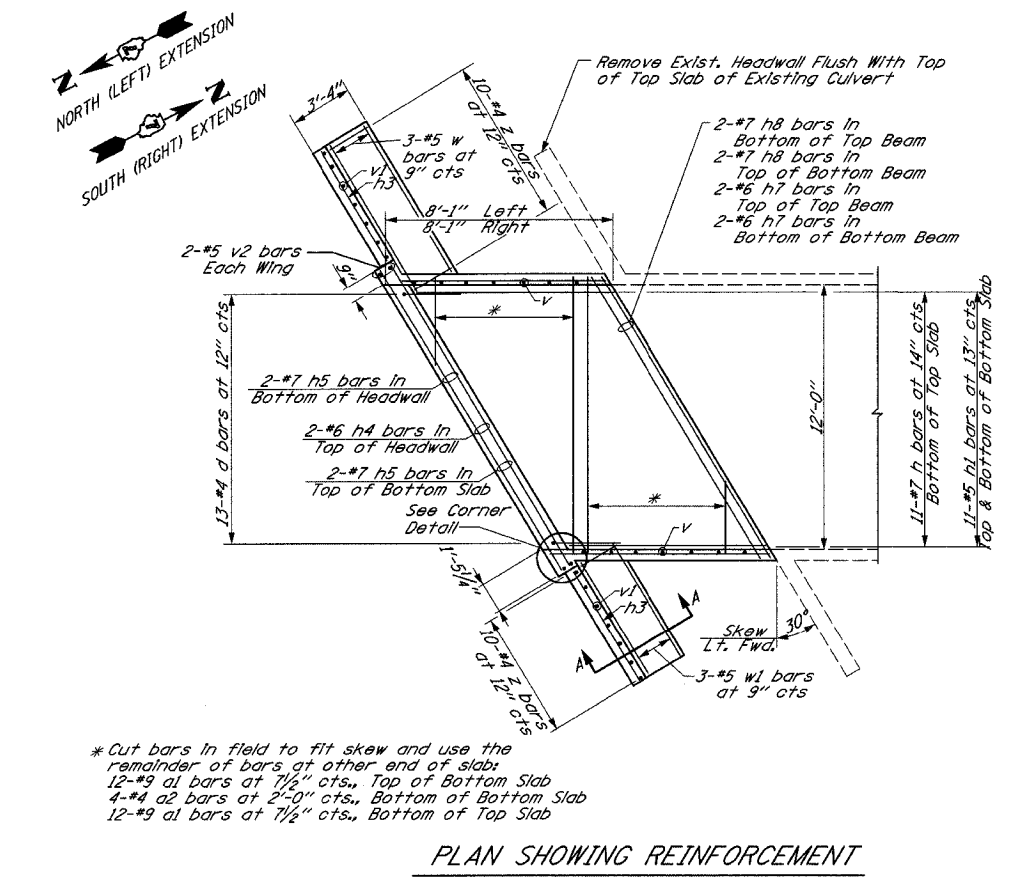
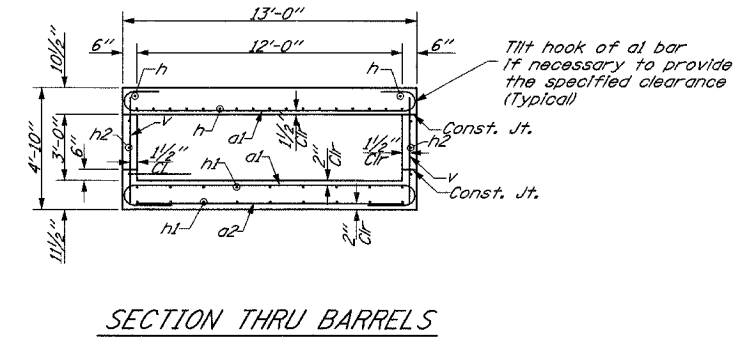
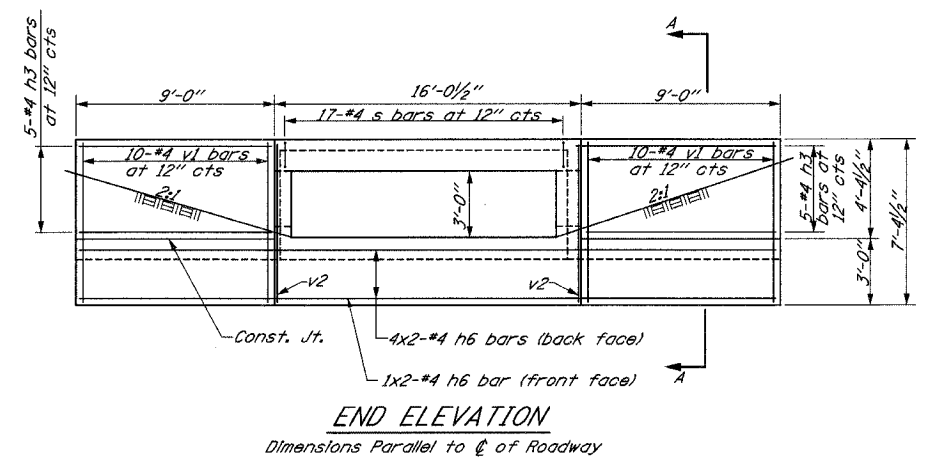
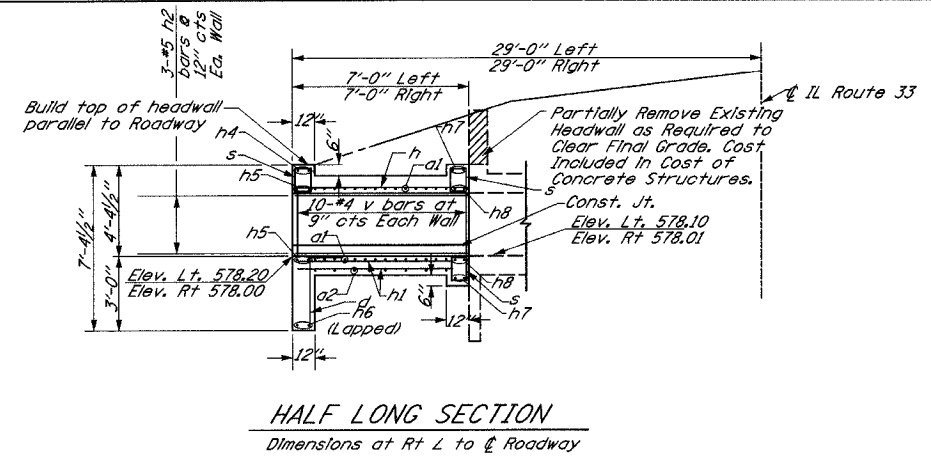
LOADING HS 20-44



EXPANSION BOLT PLACEMENT DETAIL

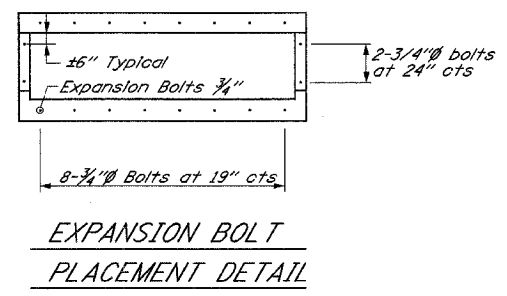
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
CULVERT EXTENSION DETAILS
& STA. 315+00.88 LT.
SHEET 4 OF 5
DRAWN BY BDM
CHECKED BY SJK
DATE 9/01



BILL OF MATERIAL
(For Two Extensions, 1 Lt. & 1 Rt.)

Bar	No.	Size	Length
a1	36	#9	15'-2"
a2	8	#4	12'-3"
d	26	#4	4'-6"
h	26	#7	7'-9"
h1	44	#5	7'-9"
h2	12	#5	7'-9"
h3	20	#4	8'-8"
h4	4	#6	15'-8"
h5	8	#7	15'-8"
h6	20	#4	18'-6"
h7	8	#6	14'-8"
h8	8	#7	14'-8"
s	98	#4	4'-1"
v	40	#4	4'-6"
v1	40	#4	7'-0"
v2	8	#5	7'-0"
w	6	#5	11'-0"
w1	6	#5	9'-0"
z	44	#4	5'-9"
Concrete Structures	Cu Yd		29.8
Reinforcement Bars	Pound		9838
Expansion Bolts 3/4"	Each		40



NOTES:
 Bench Mark: @ IL Route 33 @ Culvert (Sta. 544+21.63), Elev. 583.71.
 Design Fill Height 2' Lt & Rt.
 Exposed edges shall be chamfered 3/4".
 Class SI Concrete shall be used throughout.
 Reinforcement Bars shall conform to the requirements of AASHTO M31 or M322, Grade 60.
 Bars indicated thus 12x4-#5 etc. indicates 12 lines of bars with 4 lengths per line.
 Nonmetallic water seal used in the wingwall joints shall extend from the top of the footing to within 6" of the top of the headwall.
 For backfilling and embankment, see Standard Specifications.
 Expansion Bolts shall consist of self-drilling expansion shields and hooked bolts. Hooked Bolts shall extend a minimum of 9" into new concrete.

SPECIFICATION
 1996 AASHTO with 1997, 1998, 1999, 2000 and 2002 Interims

DESIGN STRESSES
 $f_y = 60,000 \text{ psi}$
 $f'_c = 3,500 \text{ psi}$

LOADING HS 20-44

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
CULVERT EXTENSION DETAILS
 @ STA. 544+21.63
 SHEET 5 OF 5

DATE 9/01
 DRAWN BY BDM
 CHECKED BY SJK

BORING B-1
STA. 268+94, 50' LT

BORING B-2
STA. 268+64, 29' RT

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	148A
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
* (6,7)Y, RS-1, 6B-1, 7B-1 & 7B-2				
CONTRACT NO. 94356				



Illinois Department of Transportation
Division of Geotechnical Engineering

SOIL BORING LOG

Page 1 of 2

Date 10/7/04

Cutovers on IL Route 33 between Effingham and Newton

LOGGED BY: gskelton

ROUTE: FAP 95 DESCRIPTION: Cutovers on IL Route 33 between Effingham and Newton
 SECTION: (6,7)Y, RS-1, 6B-1, 7B-1 & 7B-2 LOCATION: SEC. 26, TWP. 8N, RNG. 6E, 3rd PM
 COUNTY: Effingham DRILLING METHOD: Hollow Stem Auger HAMMER TYPE: 140-pound Automatic

STRUCT. NO. Station	D E P T H S	B L O W S	U C C S	M O D E	S I T E	Surface Water Elev. #	Stream Bed Elev. #	Groundwater Elev. #	First Encounter	Upon Completion	After	Hrs.	D E P T H S	B L O W S	U C C S	M O D E	S I T E
BORING NO. 2 Station 268+94 Offset 50.00' Left Ground Surface Elev. 581.65	1	8	10	10	10								1	8	10	10	10
	2	8	10	10	10								2	8	10	10	10
Dark Gray-Brown SILTY CLAY LOAM	3	8	10	10	10								3	8	10	10	10
	4	8	10	10	10								4	8	10	10	10
Gray-Brown CLAY LOAM	5	8	10	10	10								5	8	10	10	10
	6	8	10	10	10								6	8	10	10	10
Dark Gray-Brown SILTY CLAY LOAM, FILL	7	8	10	10	10								7	8	10	10	10
	8	8	10	10	10								8	8	10	10	10
Dark Gray-Brown SILTY CLAY LOAM, FILL	9	8	10	10	10								9	8	10	10	10
	10	8	10	10	10								10	8	10	10	10
Brown SILTY CLAY LOAM	11	8	10	10	10								11	8	10	10	10
	12	8	10	10	10								12	8	10	10	10
Gray-Brown SONEY CLAY LOAM, trace Gravel	13	8	10	10	10								13	8	10	10	10
	14	8	10	10	10								14	8	10	10	10
Gray SILTY LOAM	15	8	10	10	10								15	8	10	10	10
	16	8	10	10	10								16	8	10	10	10
Dark Gray SILTY CLAY	17	8	10	10	10								17	8	10	10	10
	18	8	10	10	10								18	8	10	10	10

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Perimeter)
 The SPT (N value) is the sum of the last two blowvalues in each sampling cone (ASTM T209)

URS Form 137 (Rev. 8/04)



Illinois Department of Transportation
Division of Geotechnical Engineering

SOIL BORING LOG

Page 1 of 2

Date 10/7/04

Cutovers on IL Route 33 between Effingham and Newton

LOGGED BY: gskelton

ROUTE: FAP 95 DESCRIPTION: Cutovers on IL Route 33 between Effingham and Newton
 SECTION: (6,7)Y, RS-1, 6B-1, 7B-1 & 7B-2 LOCATION: SEC. 26, TWP. 8N, RNG. 6E, 3rd PM
 COUNTY: Effingham DRILLING METHOD: Hollow Stem Auger HAMMER TYPE: 140-pound Automatic

STRUCT. NO. Station	D E P T H S	B L O W S	U C C S	M O D E	S I T E	Surface Water Elev. #	Stream Bed Elev. #	Groundwater Elev. #	First Encounter	Upon Completion	After	Hrs.	D E P T H S	B L O W S	U C C S	M O D E	S I T E
BORING NO. 2 Station 268+64 Offset 29.00' Right Ground Surface Elev. 582.35	1	8	10	10	10								1	8	10	10	10
	2	8	10	10	10								2	8	10	10	10
RIP RAP	3	8	10	10	10								3	8	10	10	10
	4	8	10	10	10								4	8	10	10	10
Gray LIMESTONE Plenes, FILL	5	8	10	10	10								5	8	10	10	10
	6	8	10	10	10								6	8	10	10	10
Dark Gray-Brown SILTY CLAY LOAM, FILL	7	8	10	10	10								7	8	10	10	10
	8	8	10	10	10								8	8	10	10	10
Dark Gray-Brown LOAM, POSSIBLE FILL	9	8	10	10	10								9	8	10	10	10
	10	8	10	10	10								10	8	10	10	10
Brown SILTY CLAY LOAM	11	8	10	10	10								11	8	10	10	10
	12	8	10	10	10								12	8	10	10	10
Gray-Brown 11.75 to 21.75 Feet	13	8	10	10	10								13	8	10	10	10
	14	8	10	10	10								14	8	10	10	10
Trace Gravel below 14.25 Feet	15	8	10	10	10								15	8	10	10	10
	16	8	10	10	10								16	8	10	10	10

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Perimeter)
 The SPT (N value) is the sum of the last two blowvalues in each sampling zone (ASTM T209)

URS Form 137 (Rev. 8/04)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS
DOUBLE BOX CULVERT EXTENSION
C STA. 268+85.25

SCALE: NONE
DATE: 8/05

DRAWN BY: DIST 7
CHECKED BY: BWC

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	148B
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (6.7)Y, RS-1, 6B-1, 7B-1 & 7B-2				
CONTRACT NO. 94356				

BORING B-3
STA. 509+69, 47.5' LT

BORING B-4
STA. 509+65, 12' RT



Illinois Department of Transportation
Division of Highways
Talley Mechanical, Inc.

SOIL BORING LOG

Page 1 of 2

Date 10/7/04

Culverts on IL Route 33 between Effingham and Newton

LOGGED BY Rossler/Kinsella

ROUTE 542.85 DESCRIPTION (6.7)Y, RS-1, 6B-1, 7B-1 &
SECTION 7BR-2 LOCATION SEC. 10, TWP. 7N, R9G. 7E, 3rd PM
COUNTY Effingham DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140-pound Automatic

STRUCT. NO. Station	DEPTH ft	CORRECTION ft	CORRECTION %	SOIL DESCRIPTION	SURFACE WATER ELEV. ft	STREAM BED ELEV. ft	GROUNDWATER ELEV. ft	FIRST ENCOUNTER UPON COMPLETION ft	UPON COMPLETION AFTER Hrs.	UNCONSOLIDATED SPT blows	UNCONSOLIDATED SPT blows	UNCONSOLIDATED SPT blows	UNCONSOLIDATED SPT blows
				Gray-Brown SILTY CLAY									
	2												
	3	1.1	20.1										
	3	B											
	2												
	2	0.8	23.1										
	8	B											
	2												
	5												
	4												
	5												
	2												
	4												
	5												
	7												
	14	2.4	8.5										
	21	S											
	9												
	14	2.5	9.5										
	17	S											
	12												
	24												
	23												
	7												
	50.2	1.0	8.3										
	20	B											

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

RSS Form 127 (Rev. 8.04)



Illinois Department of Transportation
Division of Highways
Talley Mechanical, Inc.

SOIL BORING LOG

Page 1 of 2

Date 10/6/04

Culverts on IL Route 33 between Effingham and Newton

LOGGED BY Rossler/Kinsella

ROUTE 542.85 DESCRIPTION (6.7)Y, RS-1, 6B-1, 7B-1 &
SECTION 7BR-2 LOCATION SEC. 10, TWP. 7N, R9G. 7E, 3rd PM
COUNTY Effingham DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140-pound Automatic

STRUCT. NO. Station	DEPTH ft	CORRECTION ft	CORRECTION %	SOIL DESCRIPTION	SURFACE WATER ELEV. ft	STREAM BED ELEV. ft	GROUNDWATER ELEV. ft	FIRST ENCOUNTER UPON COMPLETION ft	UPON COMPLETION AFTER Hrs.	UNCONSOLIDATED SPT blows	UNCONSOLIDATED SPT blows	UNCONSOLIDATED SPT blows	UNCONSOLIDATED SPT blows
				Gray SILTY CLAY LOAM									
	2												
	3												
	3												
	2												
	2	0.8	23.1										
	8	B											
	2												
	5												
	4												
	5												
	2												
	4												
	5												
	7												
	14	3.7	20.1										
	21	S											
	9												
	14	1.0	12.1										
	14	S											
	4												
	11	2.1	8.3										
	14	S											
	9												
	14	2.5	9.1										
	15	S											
	7												
	14	2.3	8.5										
	18	S											

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

RSS Form 127 (Rev. 8.04)

REVISIONS	
NAME	DATE

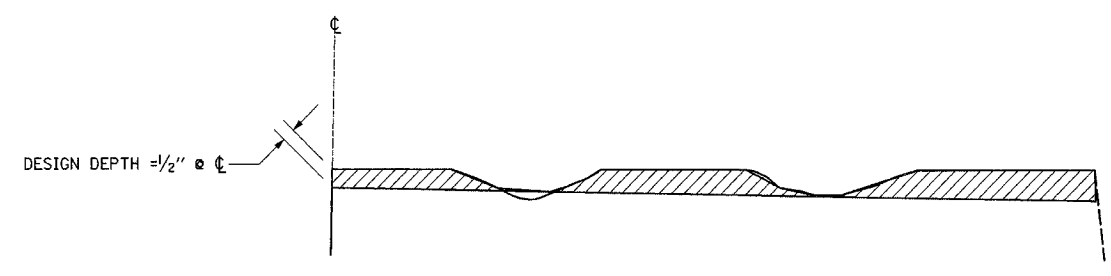
ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS
PRECAST DOUBLE BOX CULVERT
@ STA. 506+65.00

SCALE: NONE
DATE 8/05

DRAWN BY DIST 7
CHECKED BY BWC

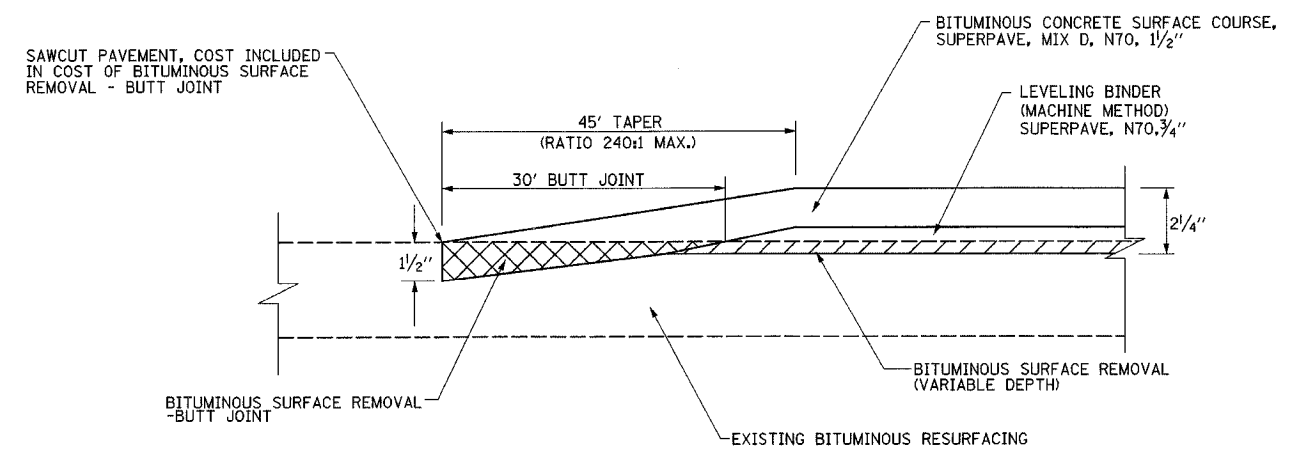
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	149
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
*(6,7)Y, RS-1, 6B-1, 7B-1 & 7BR-2				
CONTRACT NO. 94356				



NOTES:

1. MILLING SHALL BE DONE TO ATTAIN REQUIRED SLOPE IN CROWN SECTIONS
2. EXISTING S.E. AND S.E. TRANSITIONS SHALL BE MAINTAINED UNLESS OTHERWISE SHOWN ON THE PLANS.
3. MILLING TO THE BOTTOM OF WHEEL RUTS SHALL NOT BE NECESSARY UNLESS REQUIRED TO OBTAIN SLOPE OR THE DESIGN DEPTH AT CENTERLINE.
4. THE AVERAGE DEPTH OF MILLING IS ESTIMATED TO BE 1/2" BUT MAY VARY IN ISOLATED LOCATIONS.

BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH) DETAIL

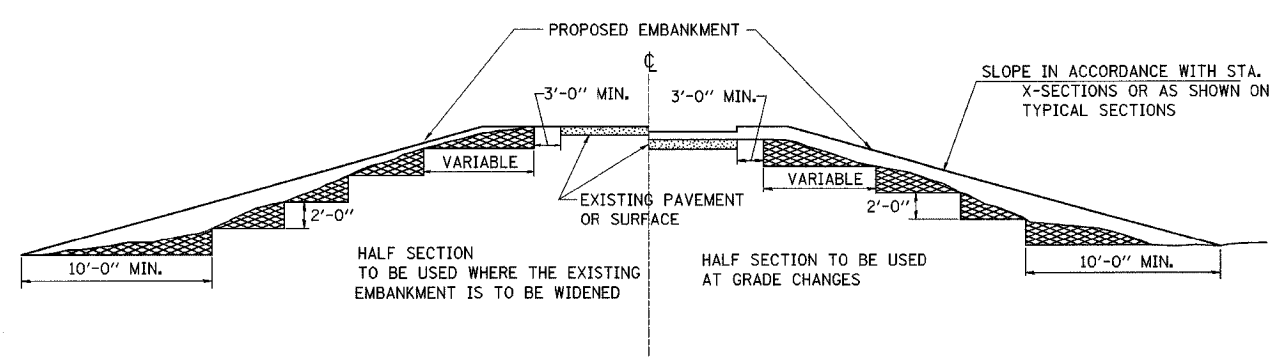


NOTE: MAINLINE BUTT JOINT SHOWN, 1775th STREET SIMILAR.

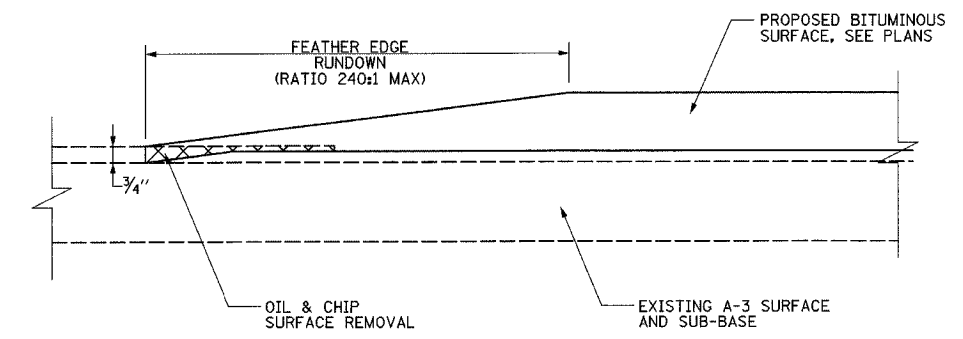
- BITUMINOUS SURFACE REMOVAL - BUTT JOINT
- BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)

BITUMINOUS SURFACE REMOVAL-BUTT JOINT DETAIL

MATERIAL TO BE REMOVED AND REPLACED IN THE EMBANKMENT IN ACCORDANCE WITH ART. 205.04 OF THE STANDARD SPECIFICATION. COST TO BE INCLUDED IN THE VARIOUS ITEMS OF EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED BECAUSE OF THIS WORK.



TYPICAL CROSS SECTION SHOWING STEP CONSTRUCTION ON EXISTING FILL



FEATHER EDGE RUNDOWN DETAIL

REVISIONS	
NAME	DATE

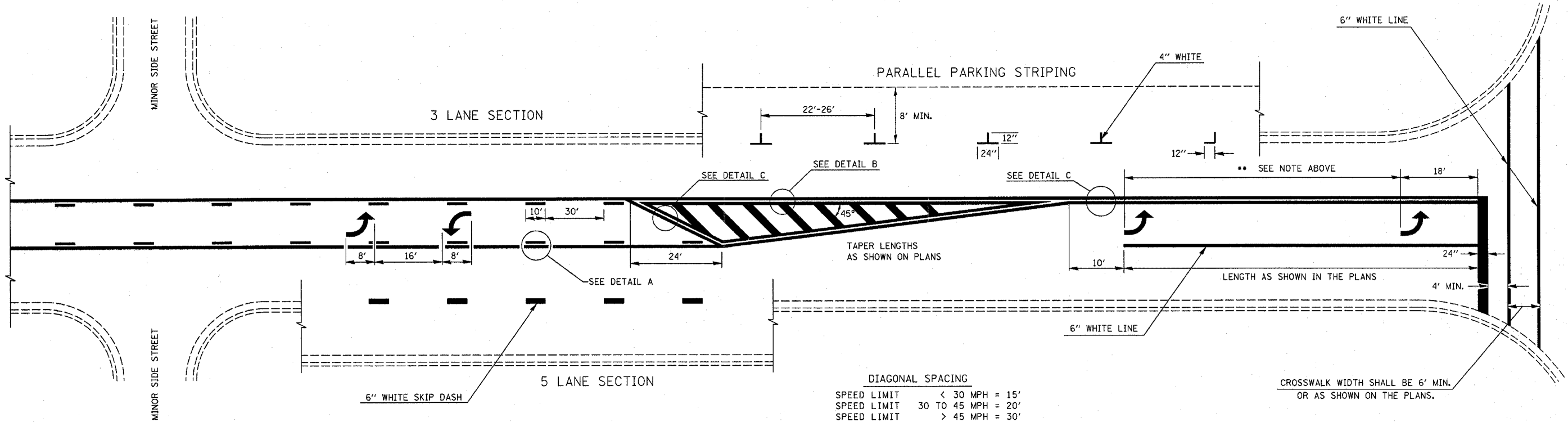
ILLINOIS DEPARTMENT OF TRANSPORTATION
ROADWAY DETAILS
DRAWN BY DIST. 7
CHECKED BY BWC
DATE 6/02

4/27/2007
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 MMD REV: 05-06-96
 EPMD1

S:\PROJECTS\94356\66, D12, D13\BWC Revised Sheets 040607\DistDetails.dgn
 DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	150
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
* (6,7)Y, RS-1, 6B-1, 7B-1 & 7BR-2				
CONTRACT NO. 94356				

** PLACE THE FIRST ARROW EVEN WITH THE BEGINNING OF THE TURN BAY.
 PLACE ANOTHER ARROW 18' BACK FROM THE STOP BAR, IF REQUIRED,
 ADD ADDITIONAL ARROWS TO MAINTAIN A MAXIMUM OF 80' SPACING.



DIAGONAL SPACING

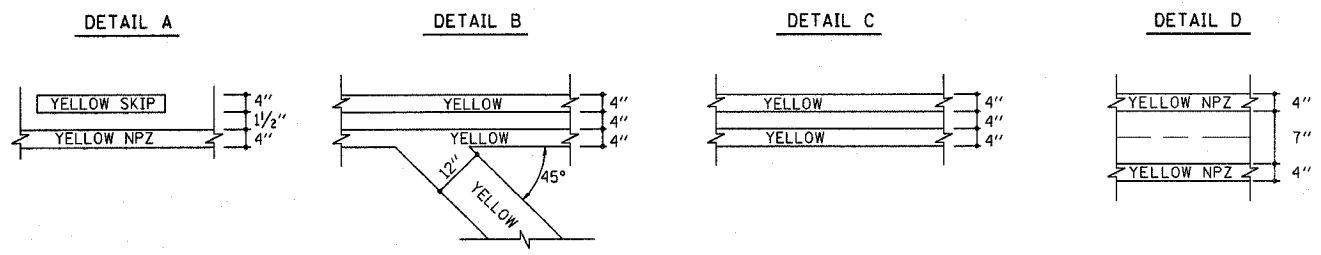
SPEED LIMIT	< 30 MPH = 15'
SPEED LIMIT	30 TO 45 MPH = 20'
SPEED LIMIT	> 45 MPH = 30'

CROSSWALK WIDTH SHALL BE 6' MIN.
 OR AS SHOWN ON THE PLANS.

TYPICAL BI-DIRECTIONAL TURN LANE MARKINGS
 (SHOWING TRANSITION TO EXCLUSIVE LEFT TURN LANE)

NOTES:

1. NO LESS THAN 2 ARROWS SHALL BE USED.
2. TAPER RATES, LANE WIDTHS, AND STORAGE LENGTHS AS SHOWN ON THE PLANS.
3. AVOID PLACING BI-DIRECTIONAL ARROWS IN INTERSECTIONS.
4. BI-DIRECTIONAL ARROWS SHALL BE SPACED A MAXIMUM OF 250'.



REVISIONS	
NAME	DATE

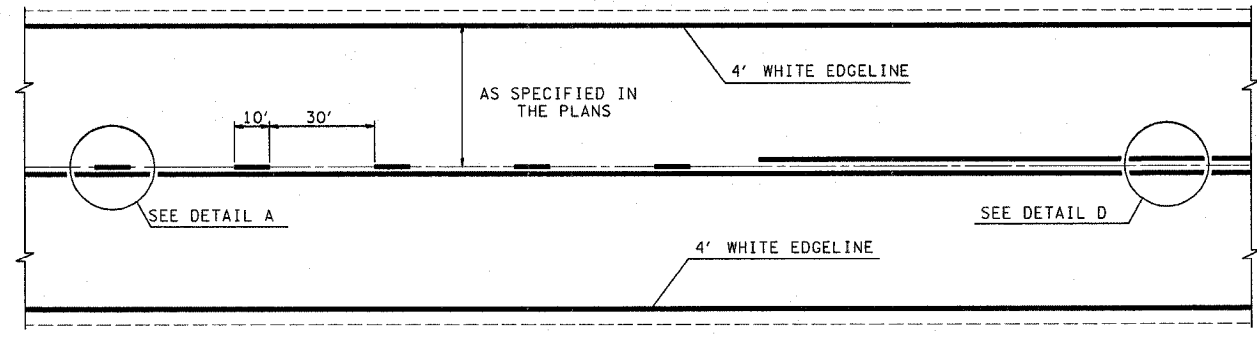
ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL PAVEMENT MARKING DETAILS
 SHEET 1 OF 2
 SCALE: VERT. DATE 6/02
 DRAWN BY DIST. 7
 CHECKED BY BWC

Revised 5/2/07

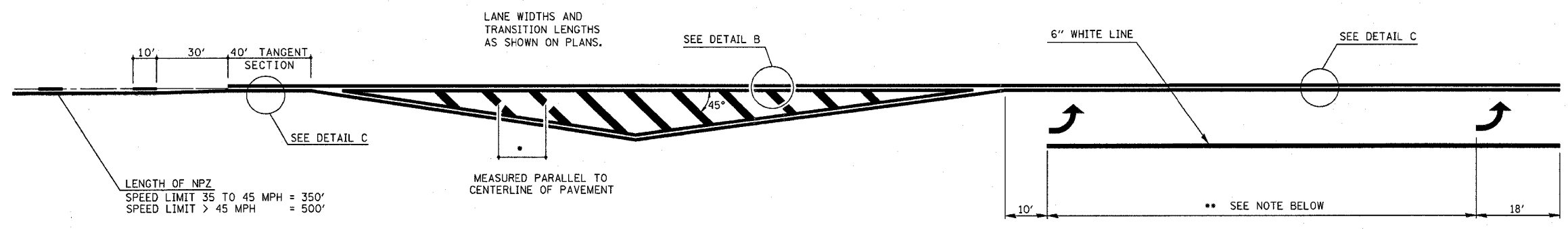
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 94 95 96 97 98 99 100

S:\PROJECTS\94356 G6, D12, D13\BWB Revised Sheets 040607\Dist\Details.dgn
 DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	150A
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
* (6,7)Y, RS-1, 6B-1, 7B-1 & 7BR-2				
CONTRACT NO. 94356				



TYPICAL CENTERLINE, NO PASSING ZONE LINE (NPZ) & EDGELINE MARKINGS
2-LANE PAVEMENT

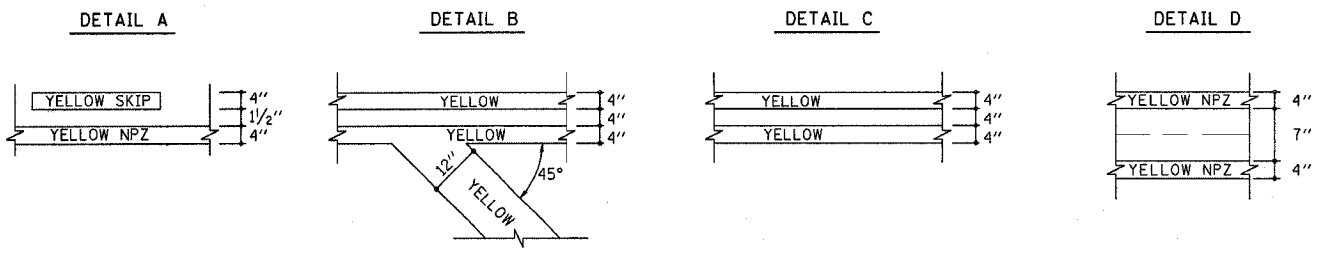


LENGTH OF NPZ
 SPEED LIMIT 35 TO 45 MPH = 350'
 SPEED LIMIT > 45 MPH = 500'

•DIAGONAL SPACING
 SPEED LIMIT < 30 MPH = 15'
 SPEED LIMIT 30 TO 45 MPH = 20'
 SPEED LIMIT > 45 MPH = 30'

** PLACE THE FIRST ARROW EVEN WITH THE BEGINNING OF THE TURN BAY.
 PLACE ANOTHER ARROW 18' BACK FROM THE STOP BAR, IF REQUIRED,
 ADD ADDITIONAL ARROWS TO MAINTAIN A MAXIMUM OF 80' SPACING.

- NOTES:
1. OMIT EDGELINE THRU SIDE ROADS.
 2. TAPER RATES, LANE WIDTHS, AND STORAGE LENGTHS AS SHOWN ON THE PLANS.
 3. WHEN MEDIANS ARE PRESENT, PLACE A SINGLE YELLOW STRIPE AROUND ITS PERIMETER.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL PAVEMENT MARKING DETAILS
SHEET 2 OF 2

SCALE: VERT. DRAWN BY DIST. 7
 HORIZ. CHECKED BY BWB
 DATE 6/02

Revised 5/2/07

S:\PROJECTS\94356 66, D12, D13\BWC Revised Sheets 040607\ PavementMarkingSched.dgn

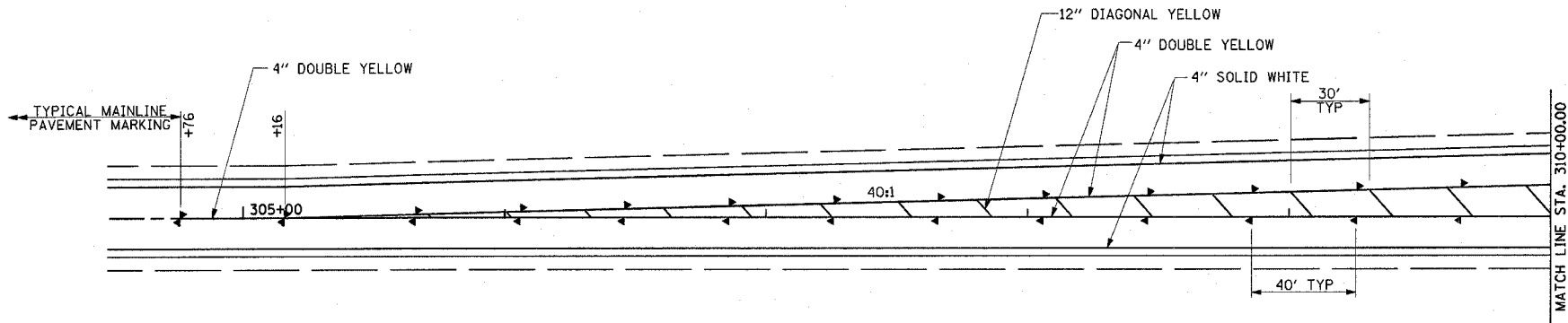
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	1508
FED. ROAD DIST. NO. 7 [ILLINOIS] FED. AID PROJECT				
*6,7Y, RS-1, 6B-1, 7B-1 & 7BR-2				
CONTRACT NO. 94356				

LOCATION	PAINT PAVEMENT MARKING		EPOXY PAVEMENT MARKING							RAISED REFLECTIVE PAVEMENT MARKERS				RAISED REFLECTIVE PAVEMENT MARKERS (BRIDGE)
	YELLOW 4"	WHITE 4"	LETTERS AND SYMBOLS	YELLOW 4"	WHITE 4"	WHITE 6"	YELLOW 12"	WHITE 12"	WHITE 24"	ONE WAY CRYSTAL	ONE WAY AMBER	TWO WAY CRYSTAL	TWO WAY AMBER	TWO WAY CRYSTAL
STATION TO STATION	LIN. FT.	LIN. FT.	SQ. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	EACH	EACH	EACH	EACH	EACH
142+00.00 TO 145+44.00	86	688										4		3
145+44.00 TO 147+81.00				59	474									
147+81.00 TO 180+60.00	820	6558										41		
URBAN TOTALS	906	7,246	0	59	474	0	0	0	0	0	0	45	0	3
180+60.00 TO 209+78.77	730	5838										36		
209+67.66 TO 304+76.00	2377	19017										119		
304+76.00 TO 312+86.00				3240	1620		237				40			
312+86.00 TO 313+96.00				220	330					4			8	
314+62.00 TO 316+12.00				300	450					5			10	
316+12.00 TO 324+22.00				3240	1620		259				40			
314+90.00 TO 317+55.00					265					8				
317+55.00 TO 320+20.00					66									
312+86.00			15.6 (TURN ARROW)											
313+32.00			15.6 (TURN ARROW)											
313+78.00			15.6 (TURN ARROW)											
314+80.00			15.6 (TURN ARROW)											
315+08.00			15.6 (TURN ARROW)											
315+46.00			15.6 (TURN ARROW)											
315+91.00			15.6 (TURN ARROW)											
316+12.00			15.6 (TURN ARROW)											
316+73.00			15.6 (TURN ARROW)											
317+55.00			15.6 (TURN ARROW)											
324+22.00 TO 355+20.31	775	6197										39		
357+15.38 TO 412+78.37	1391	11126										70		
412+74.63 TO 422+94.33	255	2039										13		
422+94.33 TO 424+45.67				38	303									2
424+45.67 TO 502+08.00	1941	15525										97		
502+08.00 TO 506+88.00				1920	960		72				26			
506+88.00 TO 507+88.00				200	300					3			6	
508+94.50 TO 510+64.50				340	510					5			10	
510+64.50 TO 512+44.50				360	360						4			
512+44.50 TO 514+14.50				340	510					5			10	
514+92.00 TO 520+87.00				2380	1190		170				31			
506+88.00			15.6 (TURN ARROW)											
507+29.00			15.6 (TURN ARROW)											
507+70.00			15.6 (TURN ARROW)											
509+12.50			15.6 (TURN ARROW)											
509+88.50			15.6 (TURN ARROW)											
510+64.50			15.6 (TURN ARROW)											
512+44.50			15.6 (TURN ARROW)											
513+20.50			15.6 (TURN ARROW)											
513+96.50			15.6 (TURN ARROW)											
520+87.00 TO 531+30.28	261	2087										13		
531+30.28 TO 531+41.06				3	22									1
531+33.78 TO 532+37.00				26	206									
532+37.00 TO 621+24.00	2222	17774										111		
643+15.00 TO 687+28.06	1103	8826										55		
687+73.01 TO 689+81.63	52	417										3		
1775TH STREET														
26+27.00														12
27+34.00														14
27+40.00														18
27+26.00 TO 27+56.00						117		40						
RURAL TOTALS	11107	88846	296	12607	8712	117	738	40	44	30	141	556	44	3
TOTALS	12013	96092	296	12666	9186	117	738	40	44	30	141	601	44	6
GRAND TOTALS	108105		296	21852		117	778		44			816		6

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		PAVEMENT MARKING SCHEDULE
		DRAWN BY RJC
		CHECKED BY CWG
		DATE 8/05

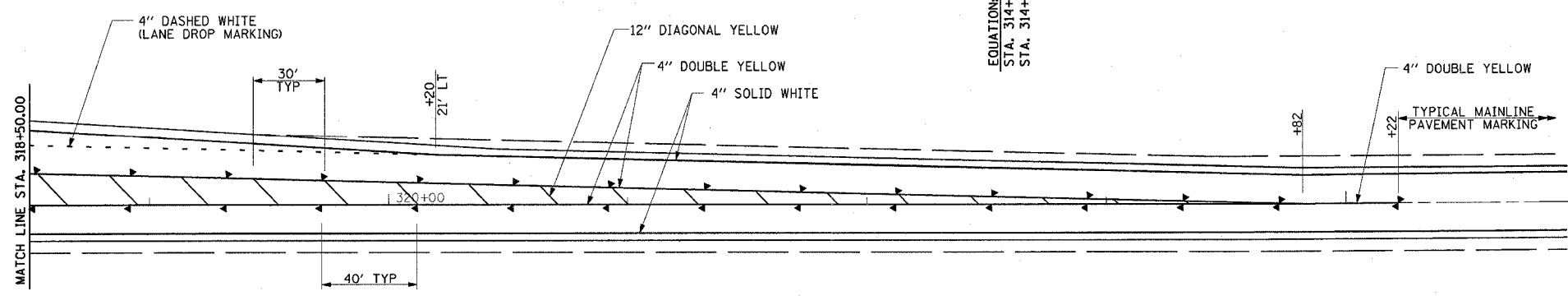
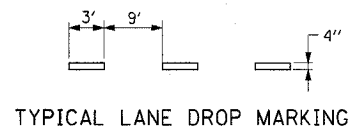
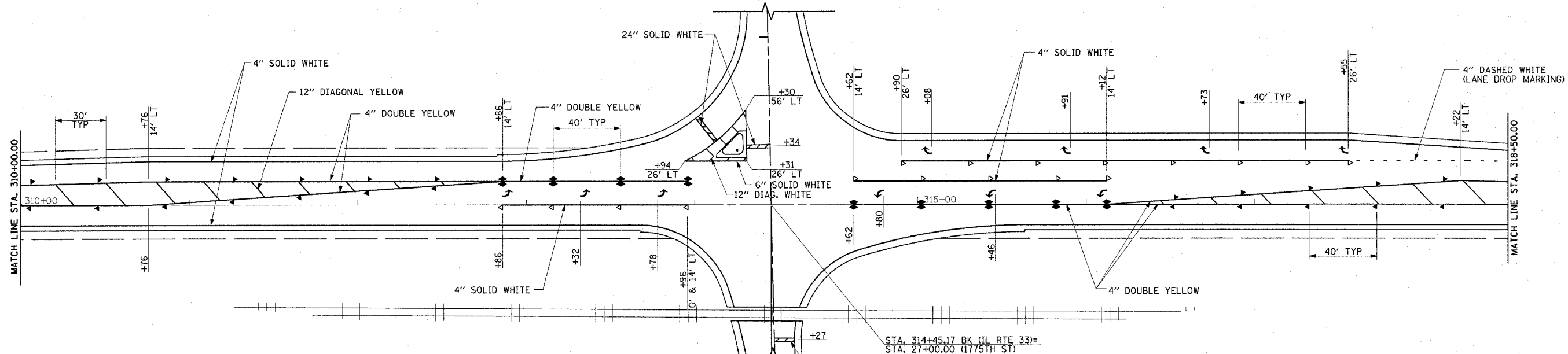
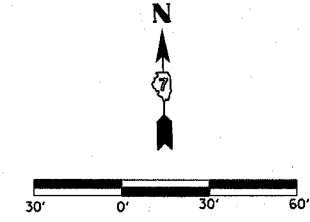
Revised 5/2/07

F.A.P. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95		EFFINGHAM	409	151
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
* (6,7)Y, RS-1, 6B-1, 7B-1 & 7BR-2				
CONTRACT NO. 94356				



RAISED REFLECTIVE PAVEMENT MARKER LEGEND

- ▷ ONE-WAY CRYSTAL MARKER
- ▶ ONE-WAY AMBER MARKER
- ◄ TWO-WAY AMBER MARKER



NOTES:

1. SEE SHEET 150 FOR SPACING AND SIZE OF LEFT TURN ARROWS AND "ONLY" MARKINGS.
2. ALL PAVEMENT MARKINGS DETAILED ON THIS SHEET TO BE EPOXY PAVEMENT MARKINGS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

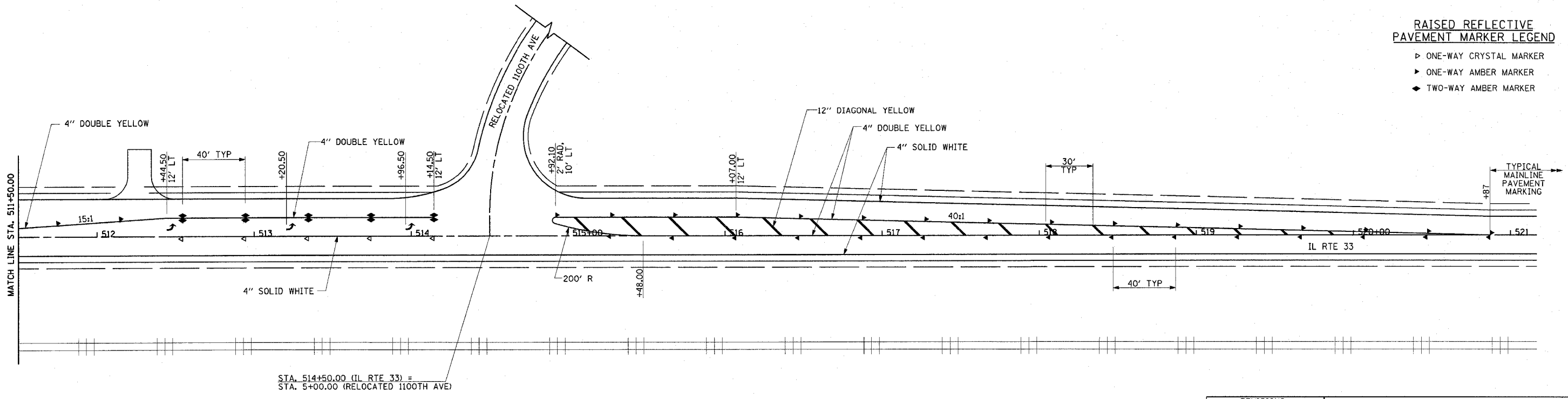
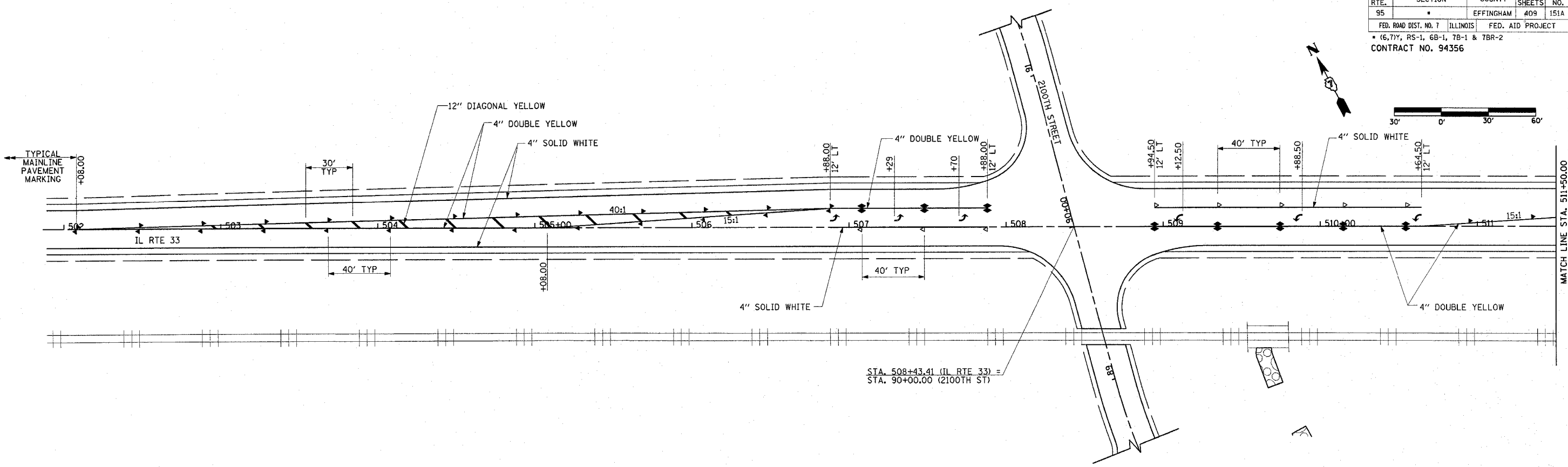
PAVEMENT MARKING PLAN
INTERSECTION OF IL RTE 33
AND 1775TH STREET

DATE 1/03

DRAWN BY ASB
CHECKED BY SJK

Revised 5/2/07

F.A.P. RTE. 95	SECTION	COUNTY EFFINGHAM	TOTAL SHEETS 409	SHEET NO. 151A
FED. ROAD DIST. NO. 7 ILLINOIS		FED. AID PROJECT		
* (6,7)Y, RS-1, 6B-1, 7B-1 & 7BR-2				
CONTRACT NO. 94356				



RAISED REFLECTIVE PAVEMENT MARKER LEGEND

- ▷ ONE-WAY CRYSTAL MARKER
- ▷ ONE-WAY AMBER MARKER
- ◆ TWO-WAY AMBER MARKER

- NOTES:**
- SEE SHEET 150 FOR SPACING AND SIZE OF LEFT TURN ARROWS AND "ONLY" MARKINGS.
 - ALL PAVEMENT MARKINGS DETAILED ON THIS SHEET TO BE EPOXY PAVEMENT MARKINGS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
INTERSECTION OF IL RTE 33
AND 2100TH ST/1100TH AVE

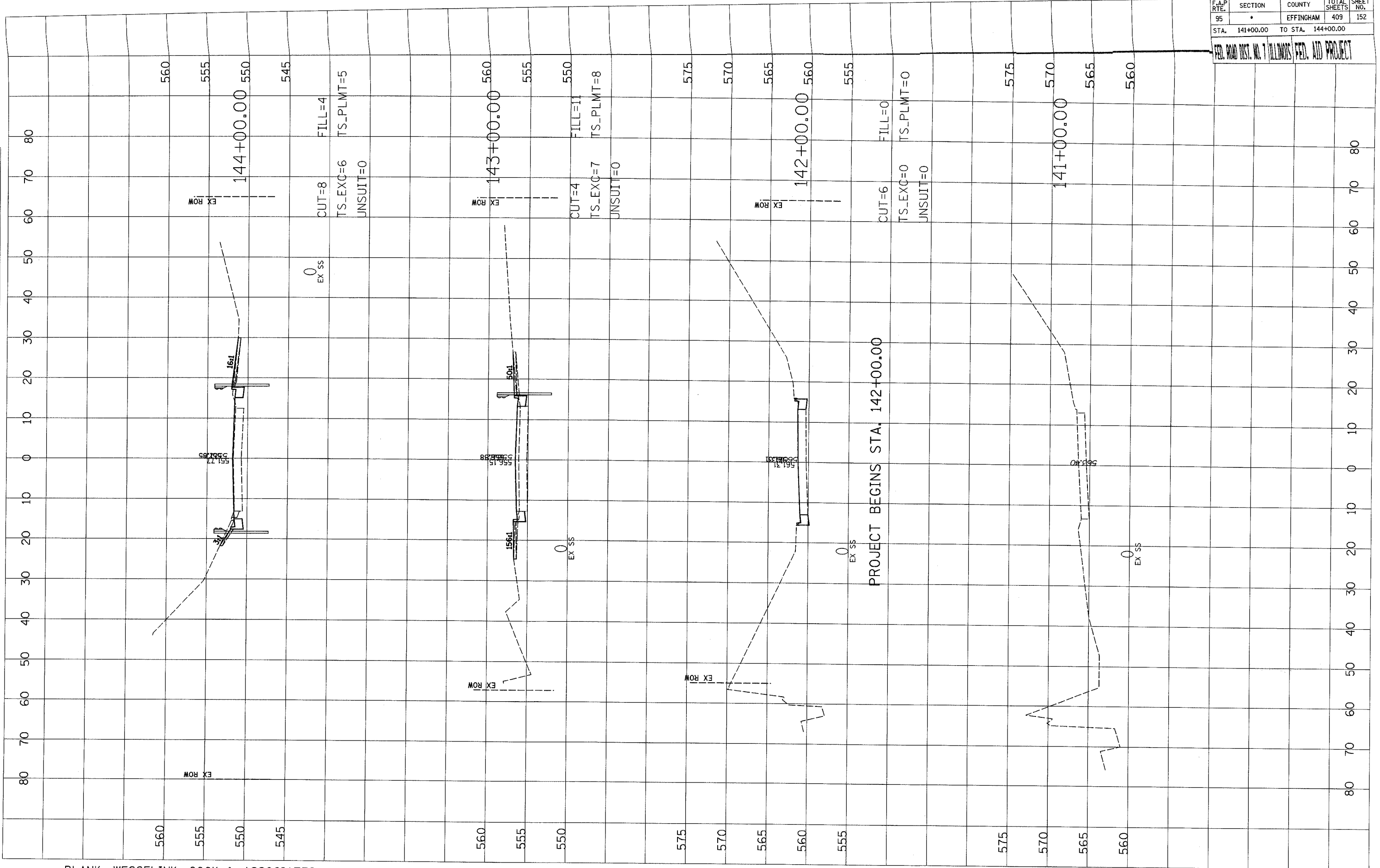
DATE 4/05

DRAWN BY MLO
 CHECKED BY SJK

Revised 5/2/07

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	152
STA. 141+00.00		TO STA. 144+00.00		

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



BY	DATE

FINAL SURVEY
SURVEYED
PLOTTED
NOTE BOOK
AREAS CHECKED

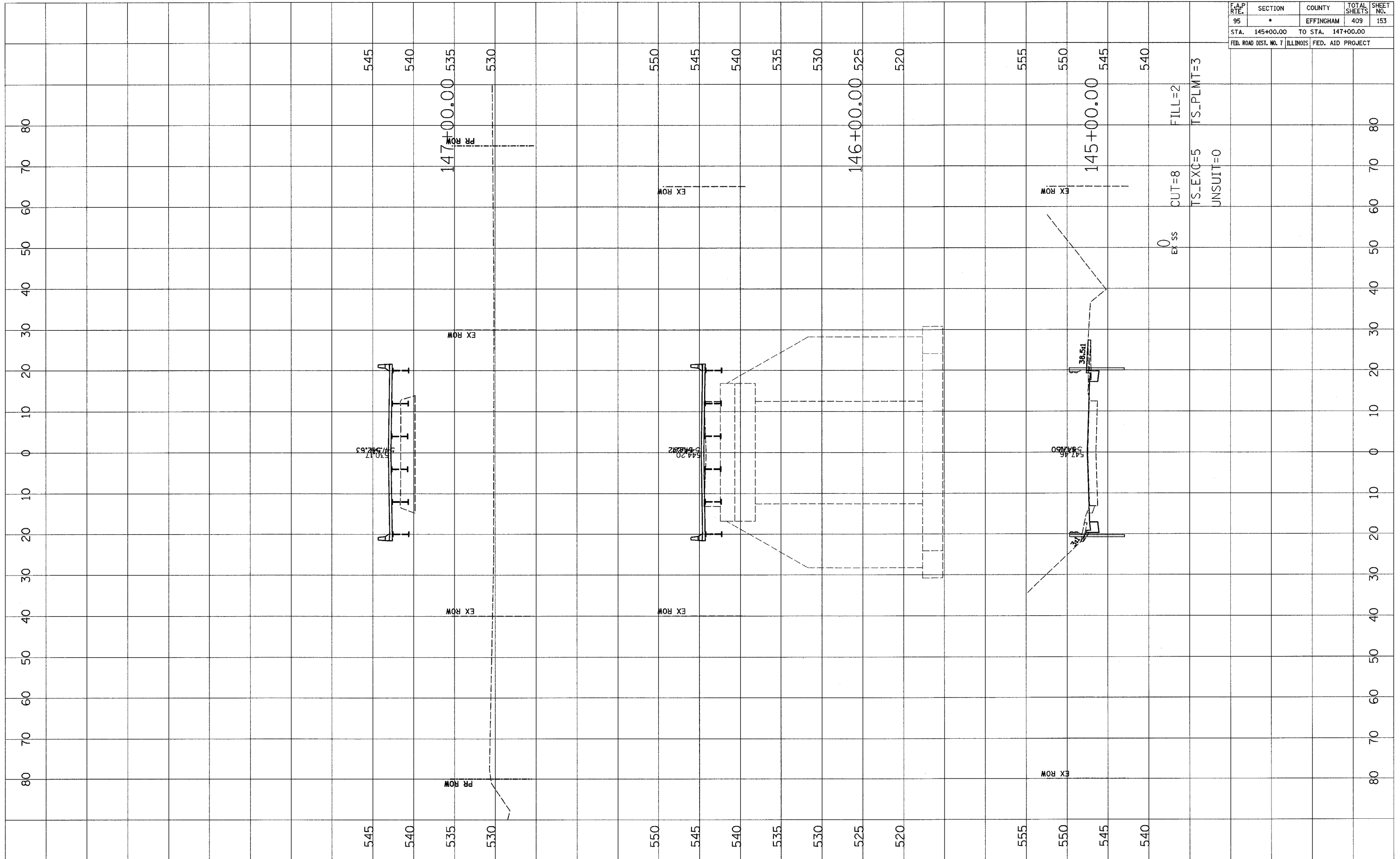
BY	DATE

ORIGINAL SURVEY
SURVEYED
PLOTTED
NOTE BOOK
AREAS CHECKED

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	153
STA. 145+00.00		TO STA. 147+00.00		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
NO.	
AREAS CHECKED	

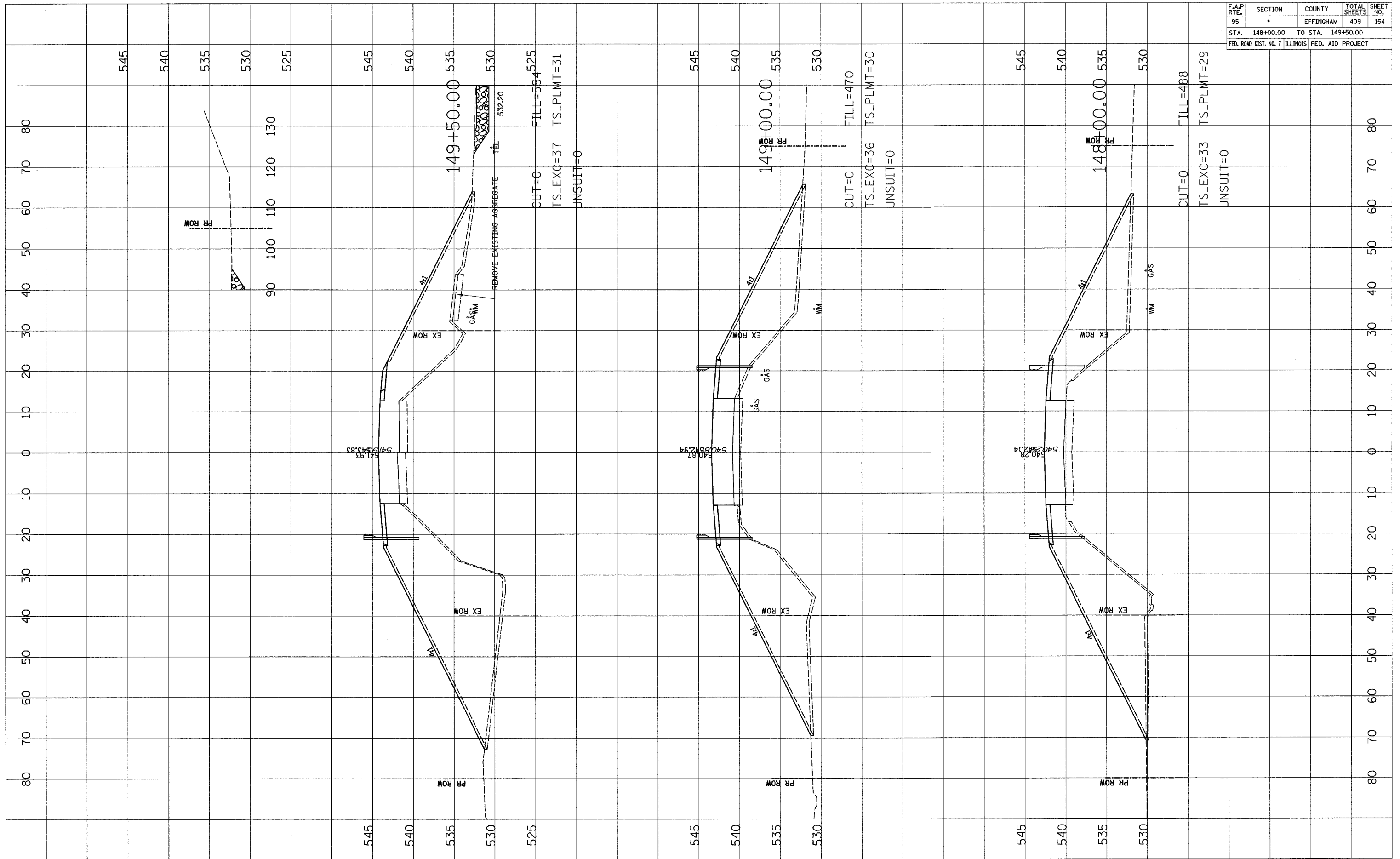
ORIGINAL SURVEY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
NO.	
AREAS CHECKED	



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	154
STA. 148+00.00		TO STA. 149+50.00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

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

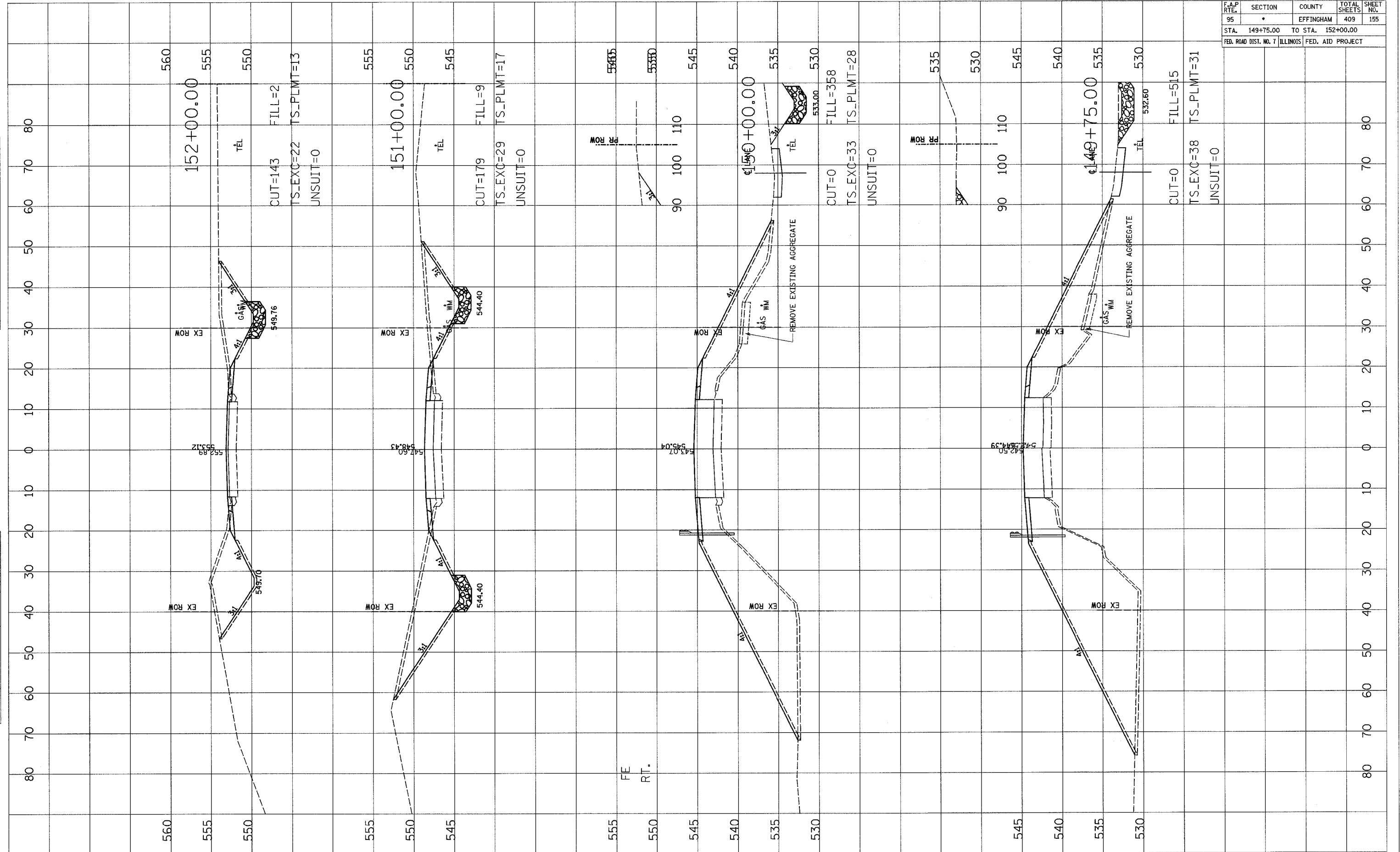
ORIGINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
AREAS CHECKED	
NOTE BOOK NO.	



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	155
STA. 149+75.00		TO STA. 152+00.00		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

DATE	BY

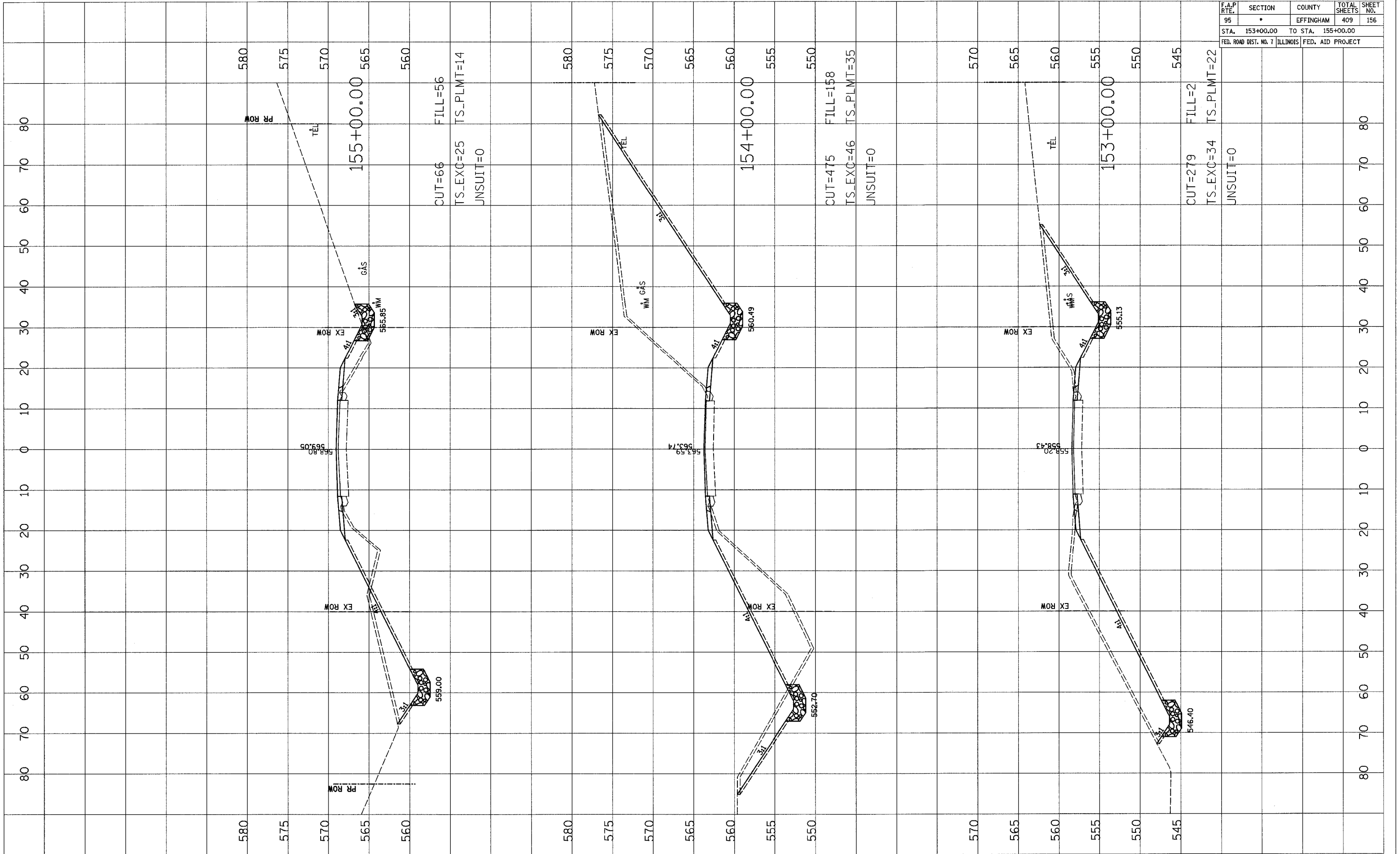
DATE	BY



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	156
STA. 153+00.00		TO STA. 155+00.00		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

DATE	BY

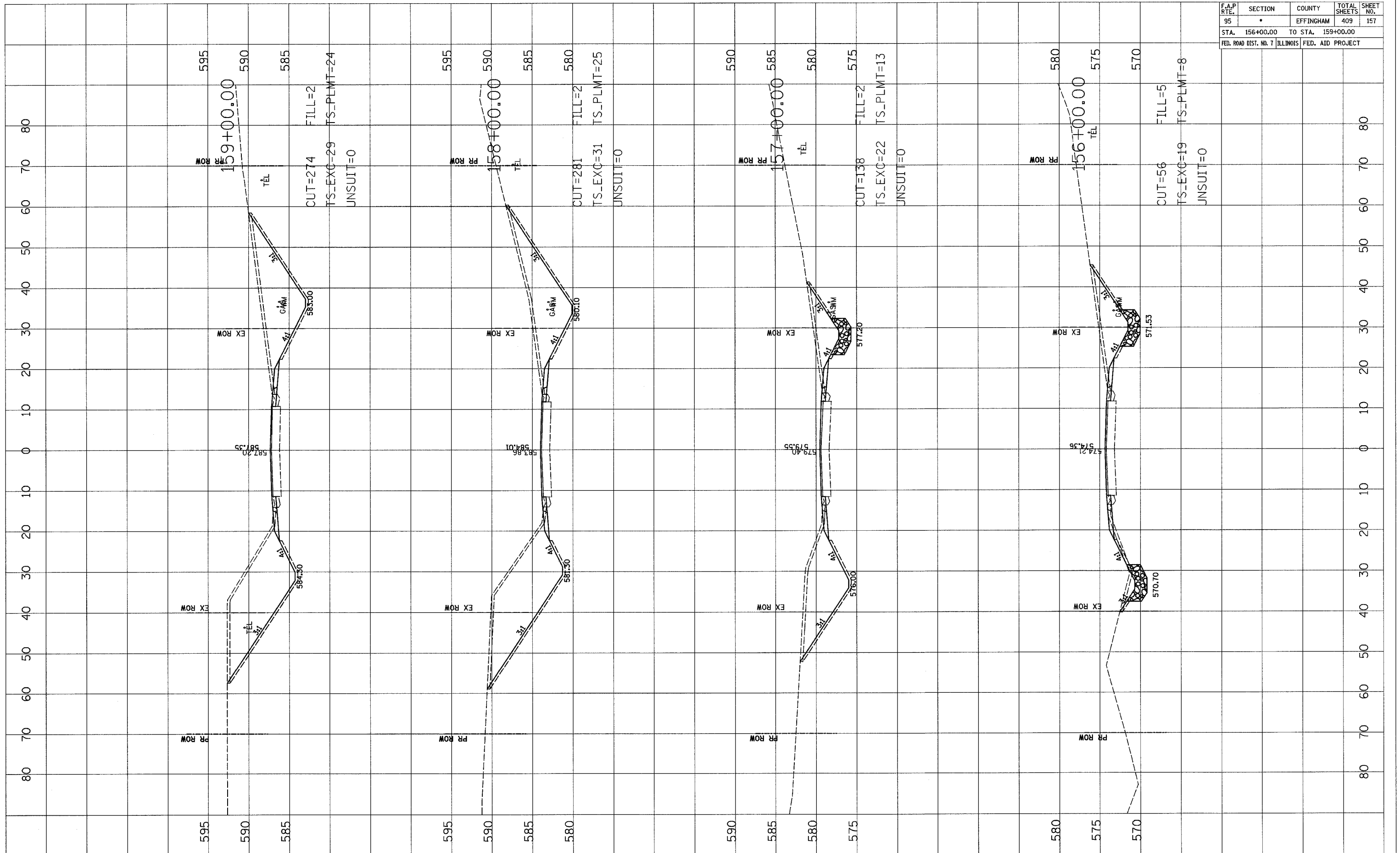
DATE	BY



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	157
STA. 156+00.00		TO STA. 159+00.00		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

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

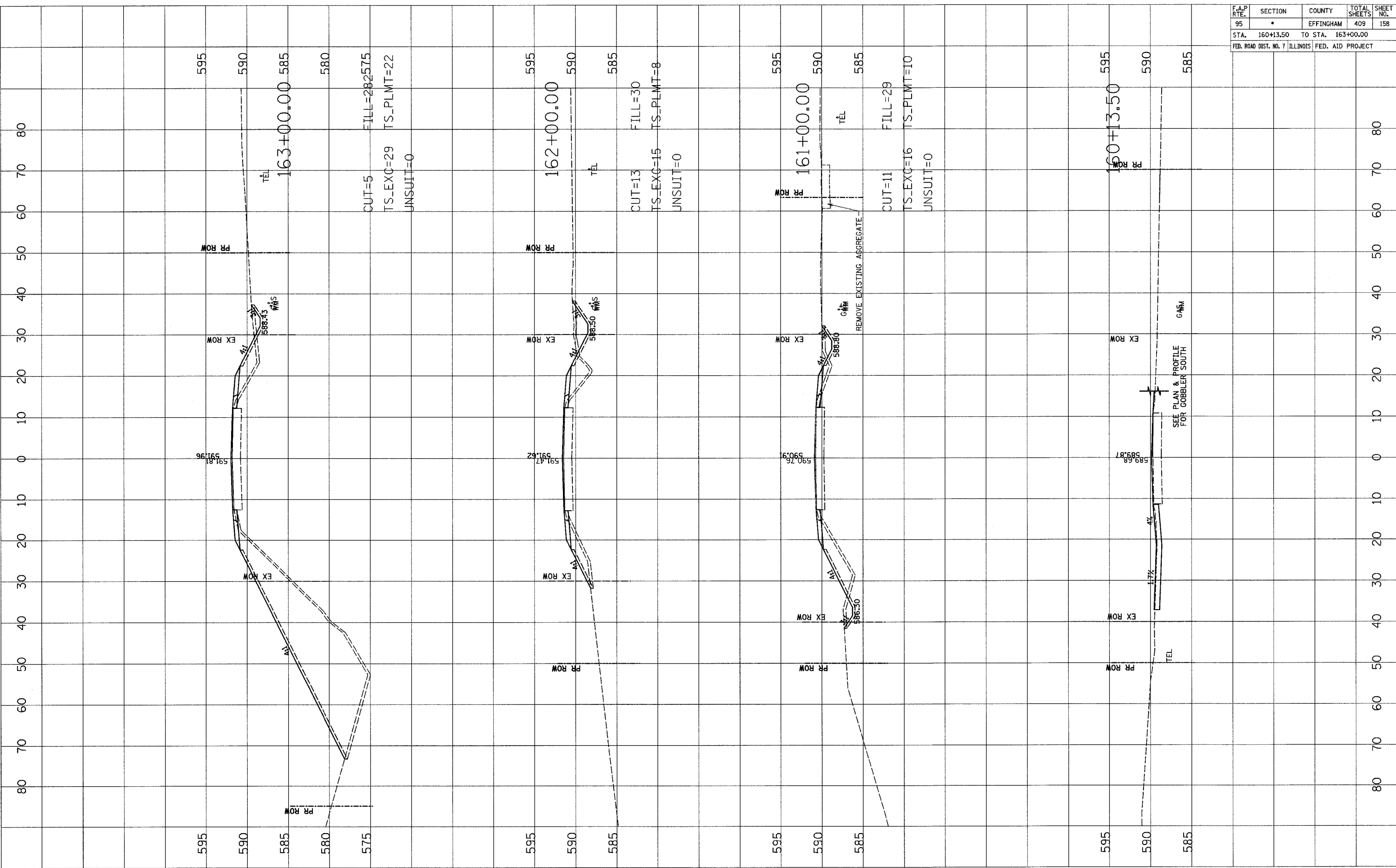
ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	DATE	
	AREAS CHECKED	



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	158
STA. 160+13.50		TO STA. 163+00.00		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	DATE
SURVEYED	
PLOTTED	
DATE	
AREAS CHECKED	
NO.	

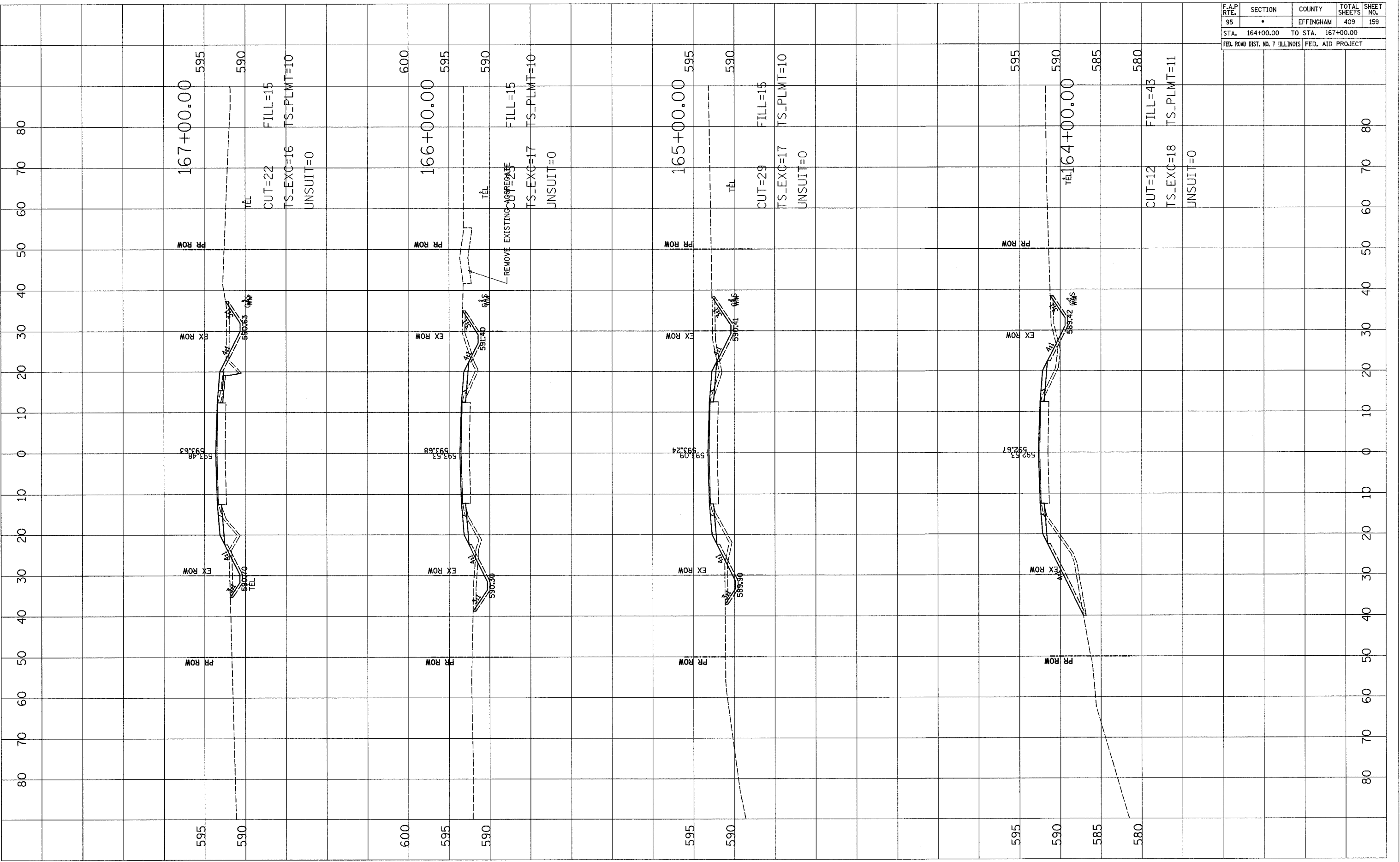
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SURVEYED	
PLOTTED	
DATE	
AREAS CHECKED	
NO.	



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	159
STA. 164+00.00		TO STA. 167+00.00		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

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

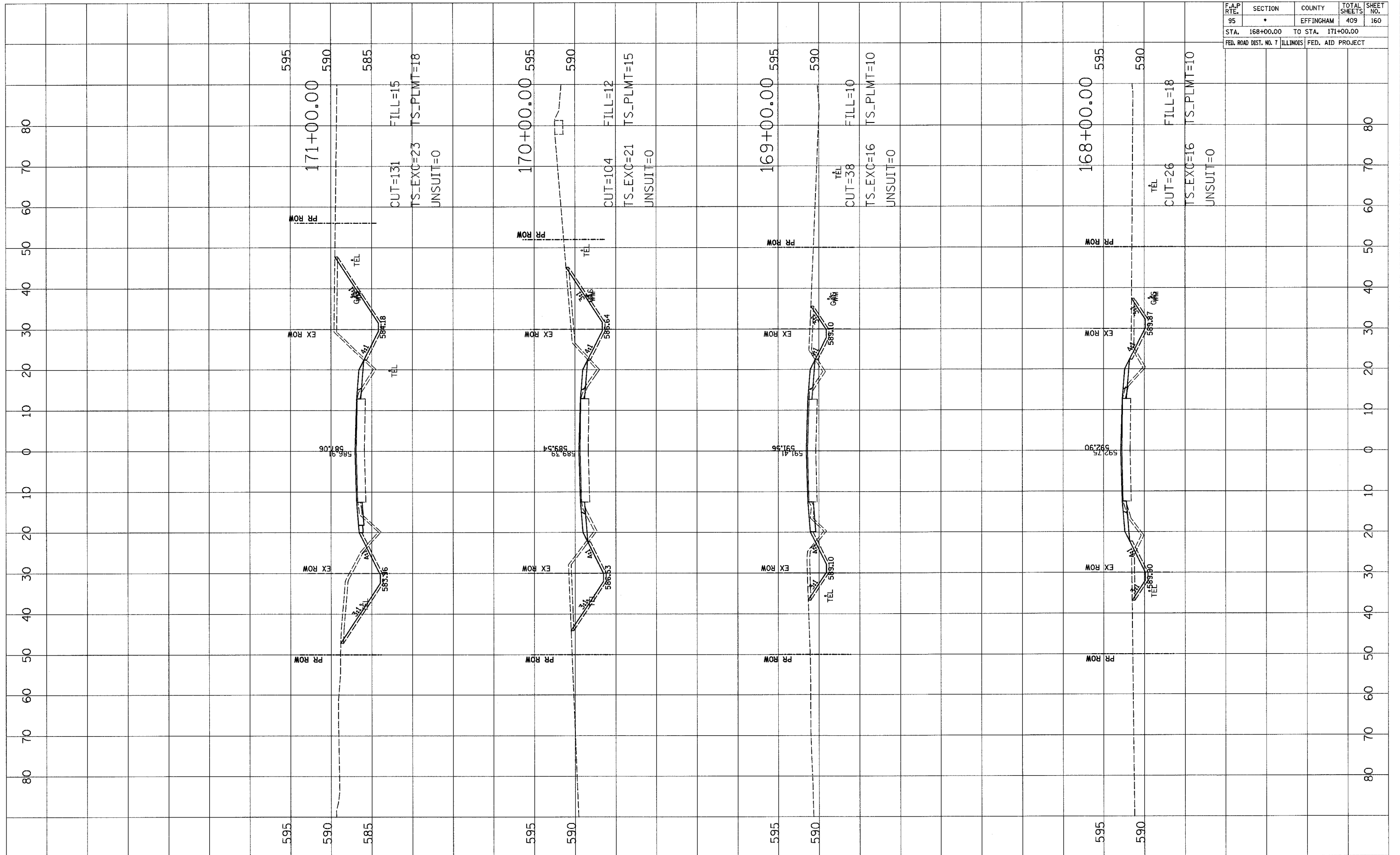
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SURVEYED	BY
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	160
STA. 168+00.00		TO STA. 171+00.00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

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

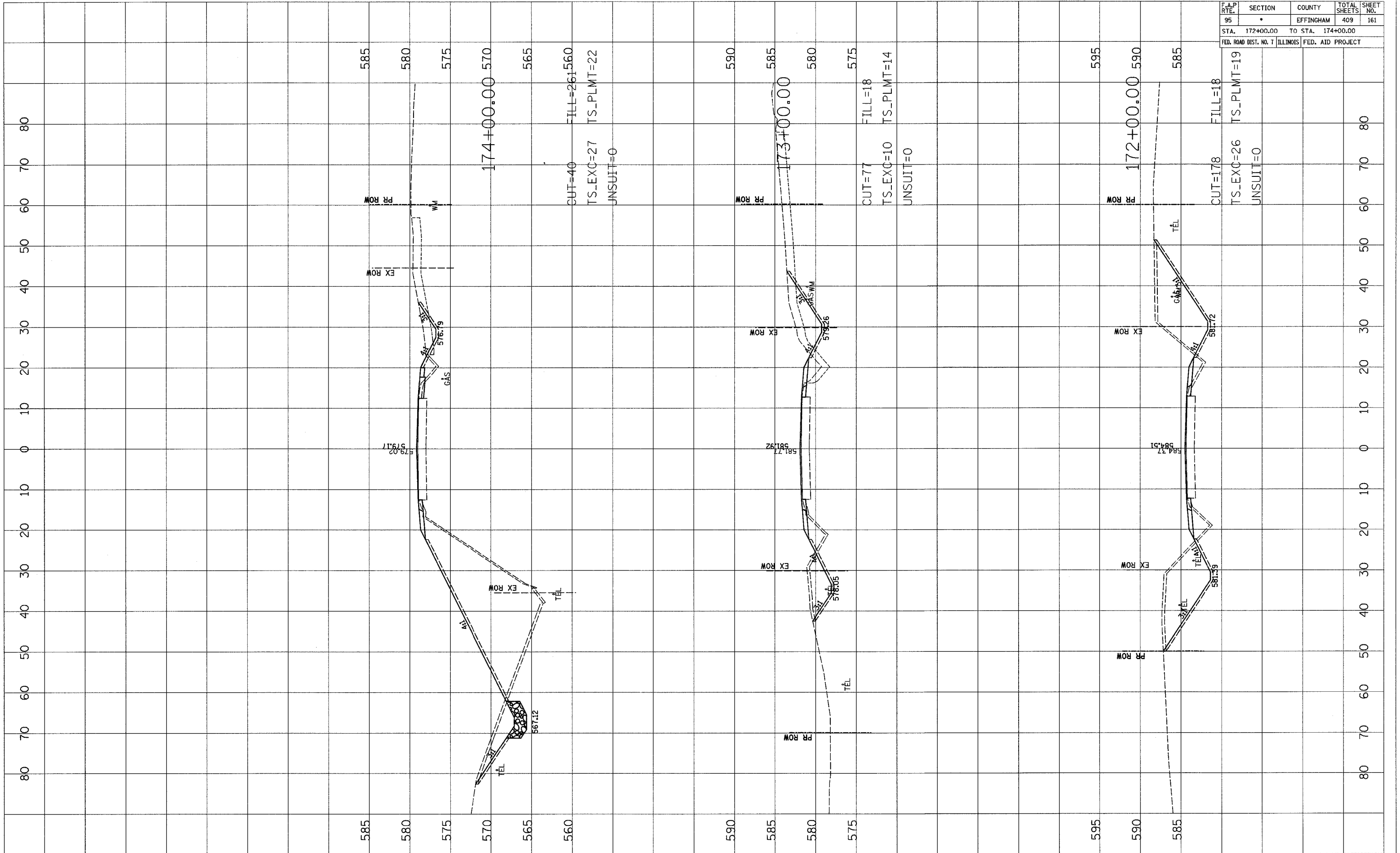
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	AREAS CHECKED		



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	161
STA. 172+00.00		TO STA. 174+00.00		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

DATE	BY	FINAL SURVEY	SURVEYED	PLOTTED	DATE	AREAS CHECKED

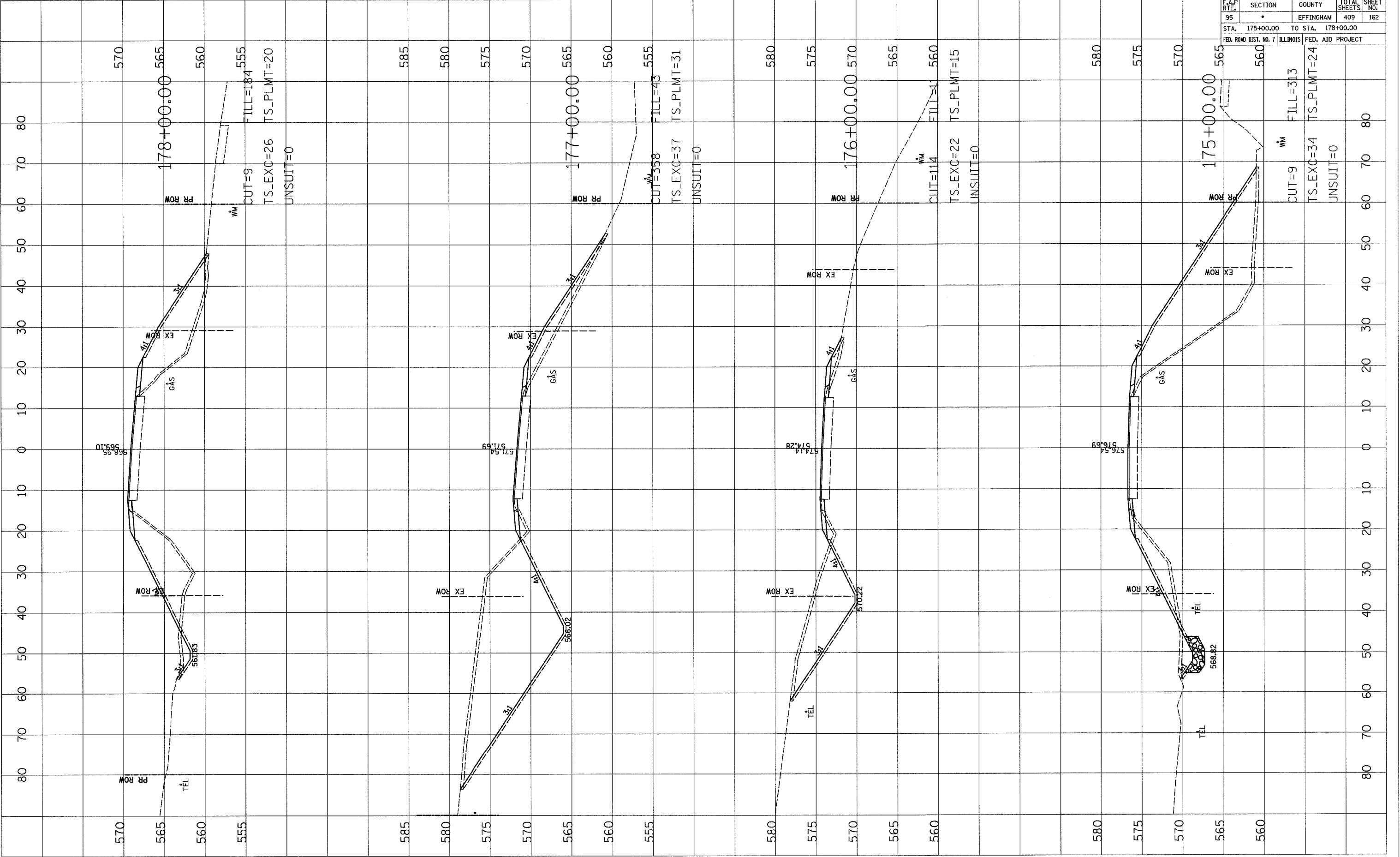
DATE	BY	ORIGINAL SURVEY	SURVEYED	PLOTTED	DATE	AREAS CHECKED



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	•	EFFINGHAM	409	162
STA. 175+00.00		TO STA. 178+00.00		
FED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT

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

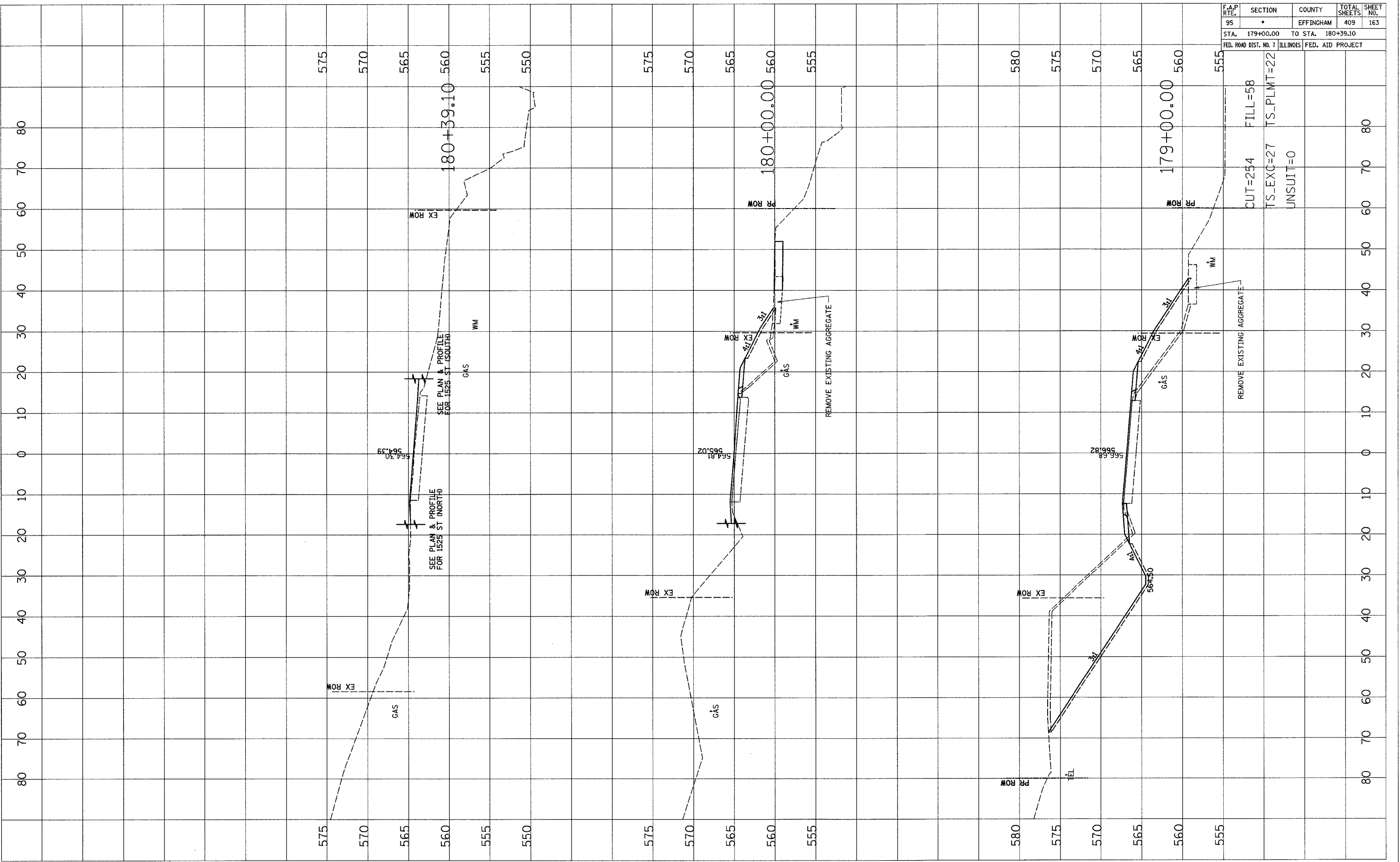
ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
NO.		



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95		EFFINGHAM	409	163
STA. 179+00.00 TO STA. 180+39.10		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		

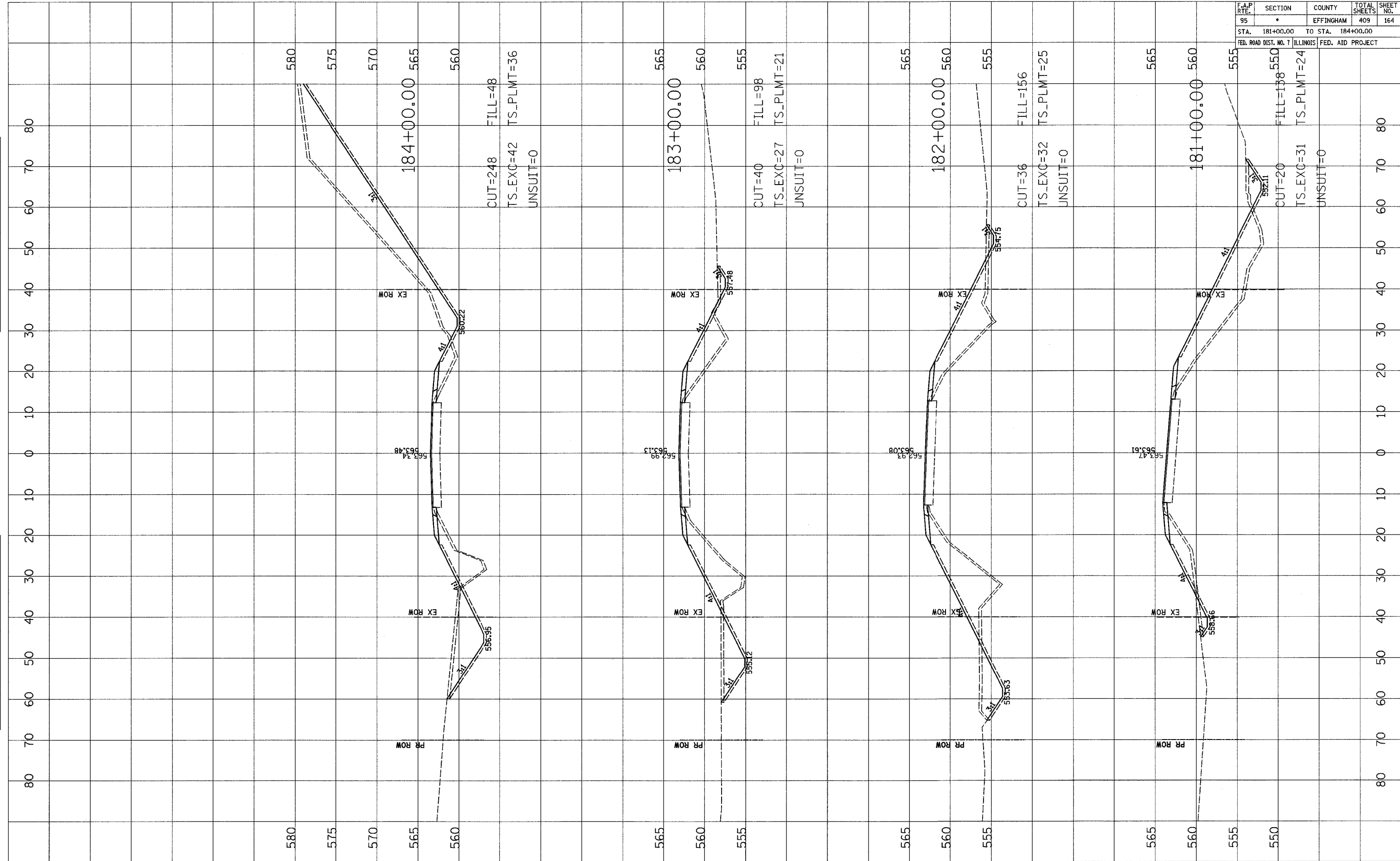
DATE	BY

DATE	BY



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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	164
STA. 181+00.00 TO STA. 184+00.00		FED. ROAD DIST. NO. 7 ILLINOIS		
		FED. AID PROJECT		



FINAL SURVEY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

ORIGINAL SURVEY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

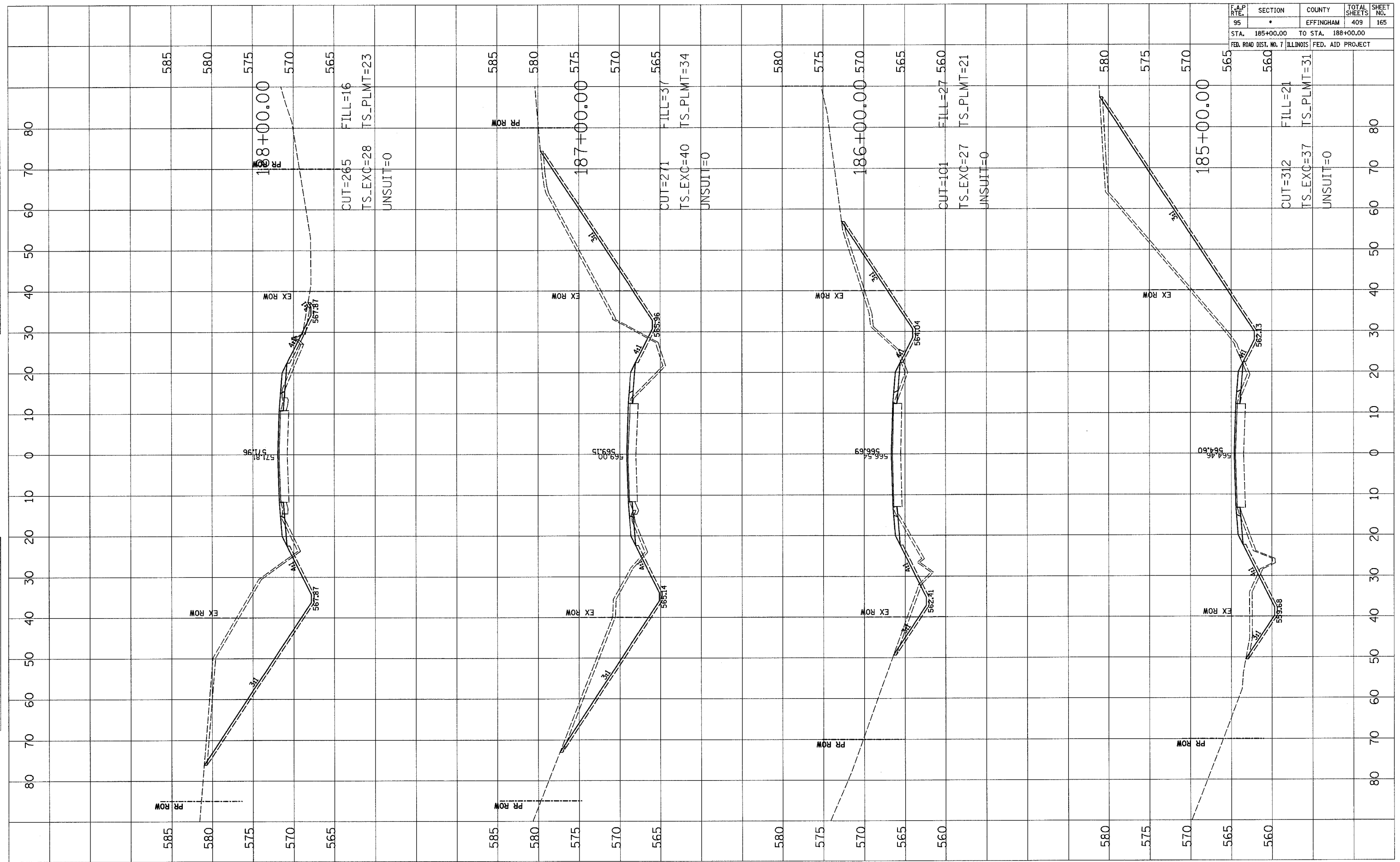
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	•	EFFINGHAM	409	165
STA. 185+00.00		TO STA. 188+00.00		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

DATE	BY

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

DATE	BY

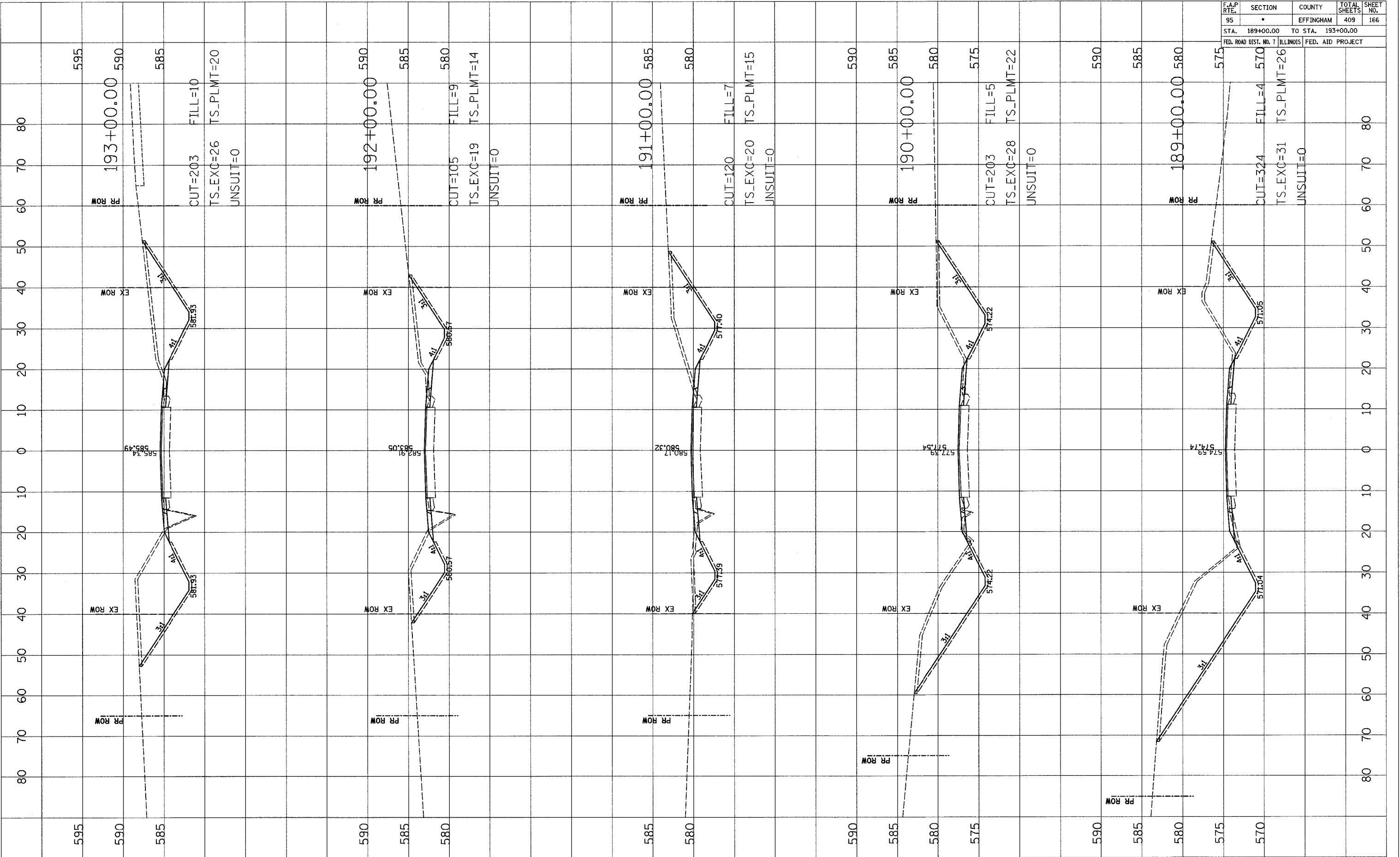
ORIGINAL SURVEY _____
 PLOTTED _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	•	EFFINGHAM	409	166
STA. 189+00.00		TO STA. 193+00.00		
RED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT

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

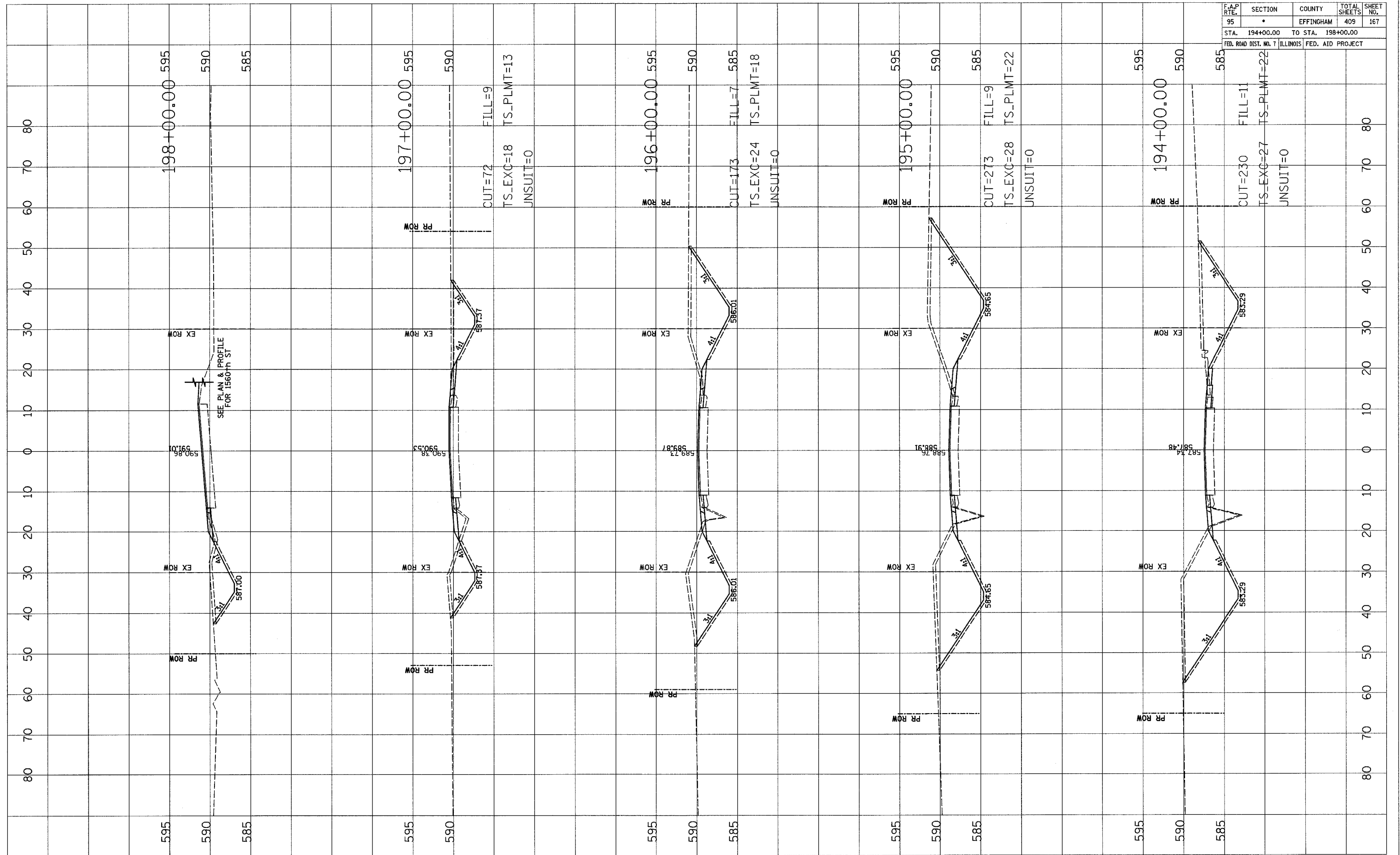
ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	DATE	
	AREAS CHECKED	



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	167
STA. 194+00.00 TO STA. 198+00.00		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		

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

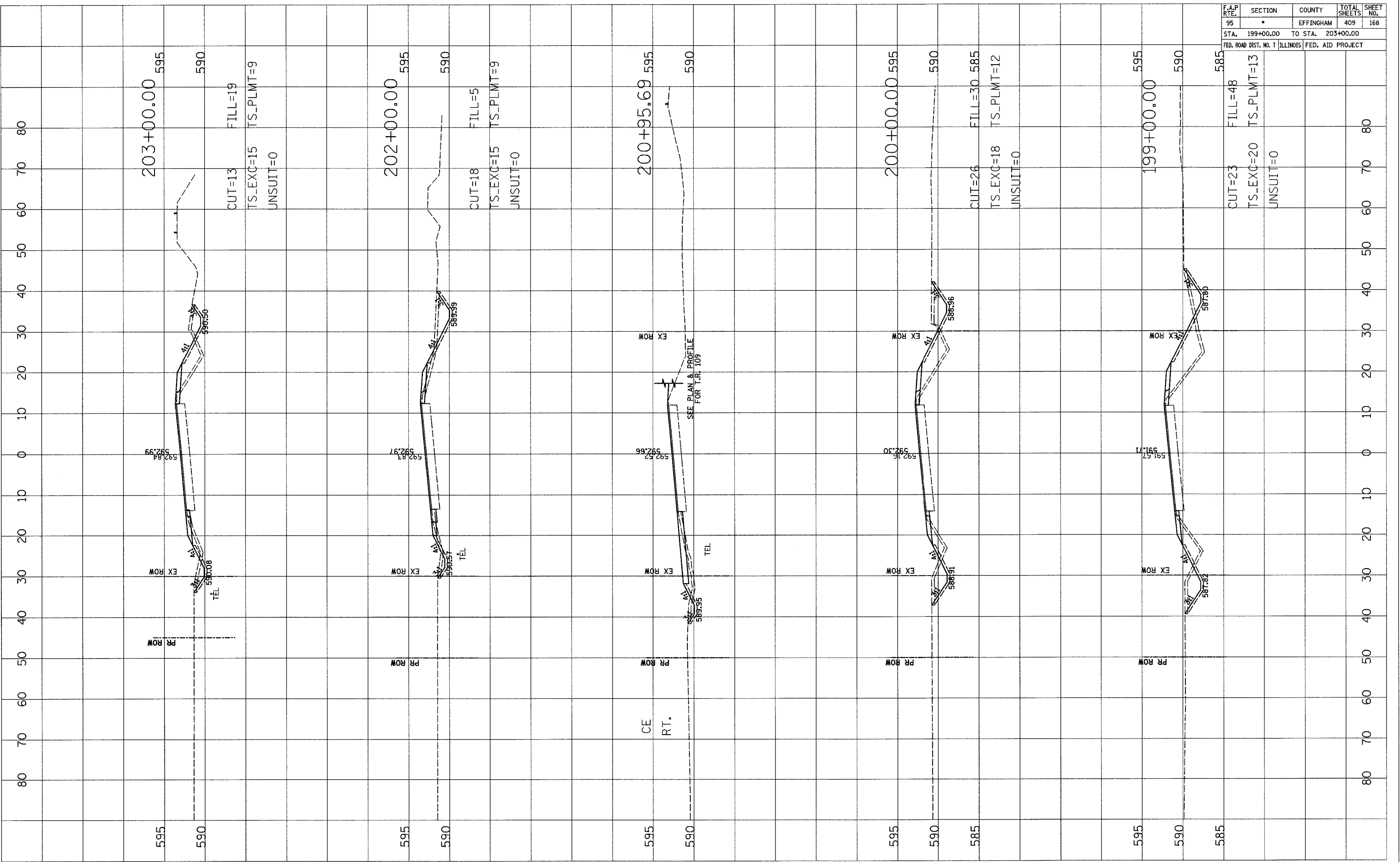
ORIGINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	DATE
NOTE BOOK	NO.
AREAS CHECKED	



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	•	EFFINGHAM	409	168
STA. 199+00.00		TO STA. 203+00.00		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
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NO.	

ORIGINAL SURVEY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
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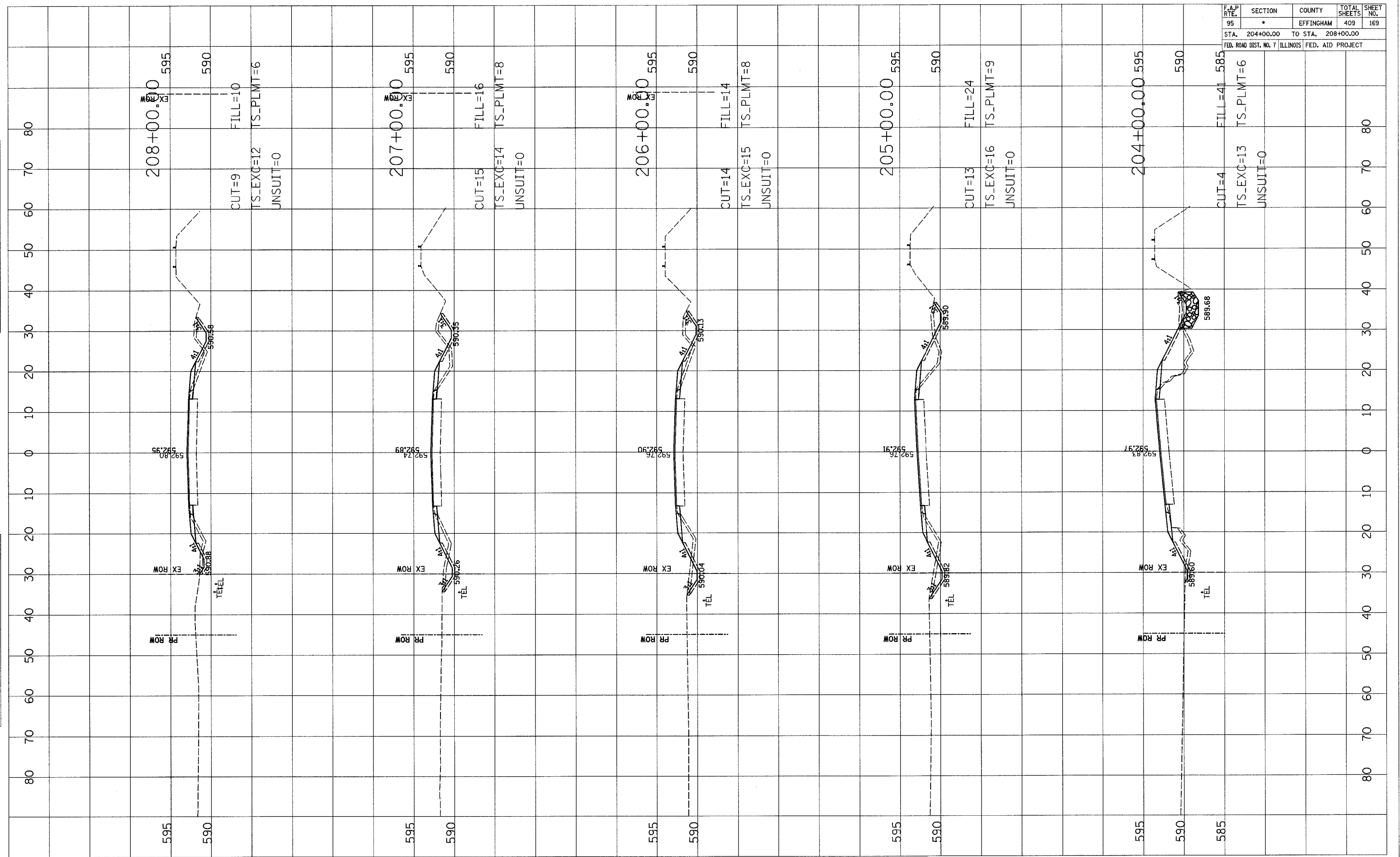
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	169
STA. 204+00.00		TO STA. 208+00.00		
FED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT



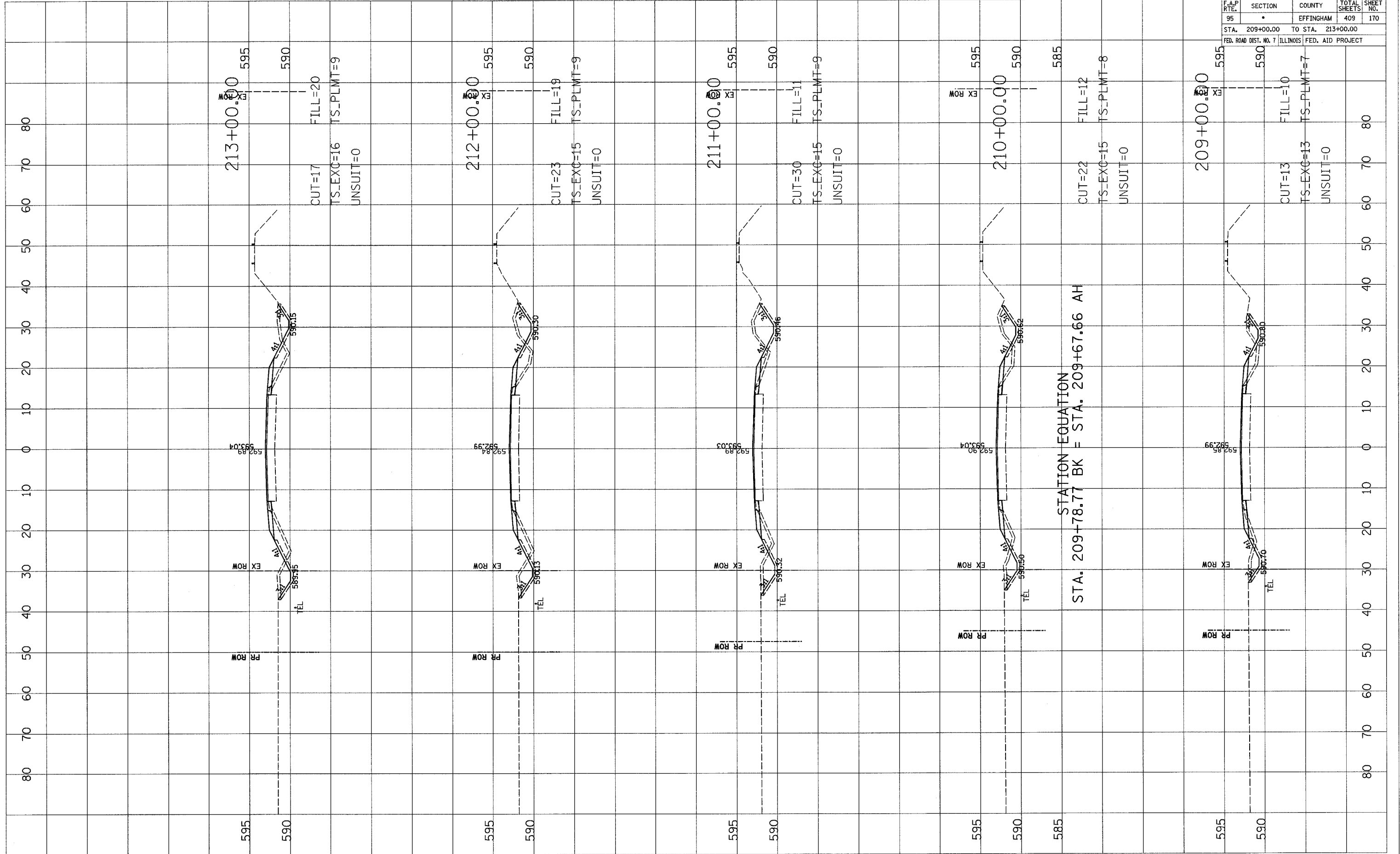
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NO.				

ORIGINAL SURVEY	SURVEYED	PLOTTED	DATE	BY
NO.				

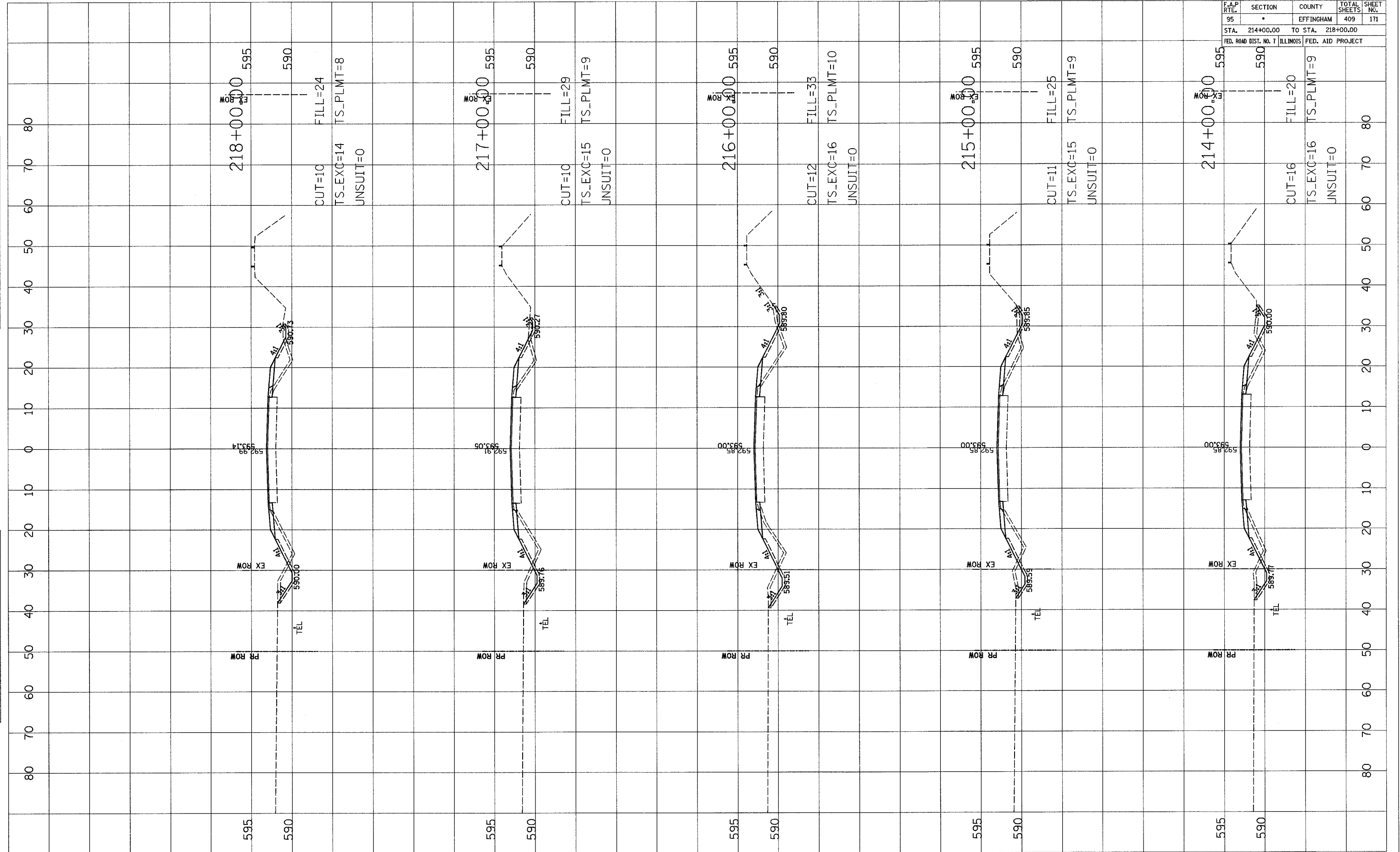
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	•	EFFINGHAM	409	170
STA. 209+00.00 TO STA. 213+00.00				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

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

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



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	171
STA.	214+00.00	TO STA.	218+00.00	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		



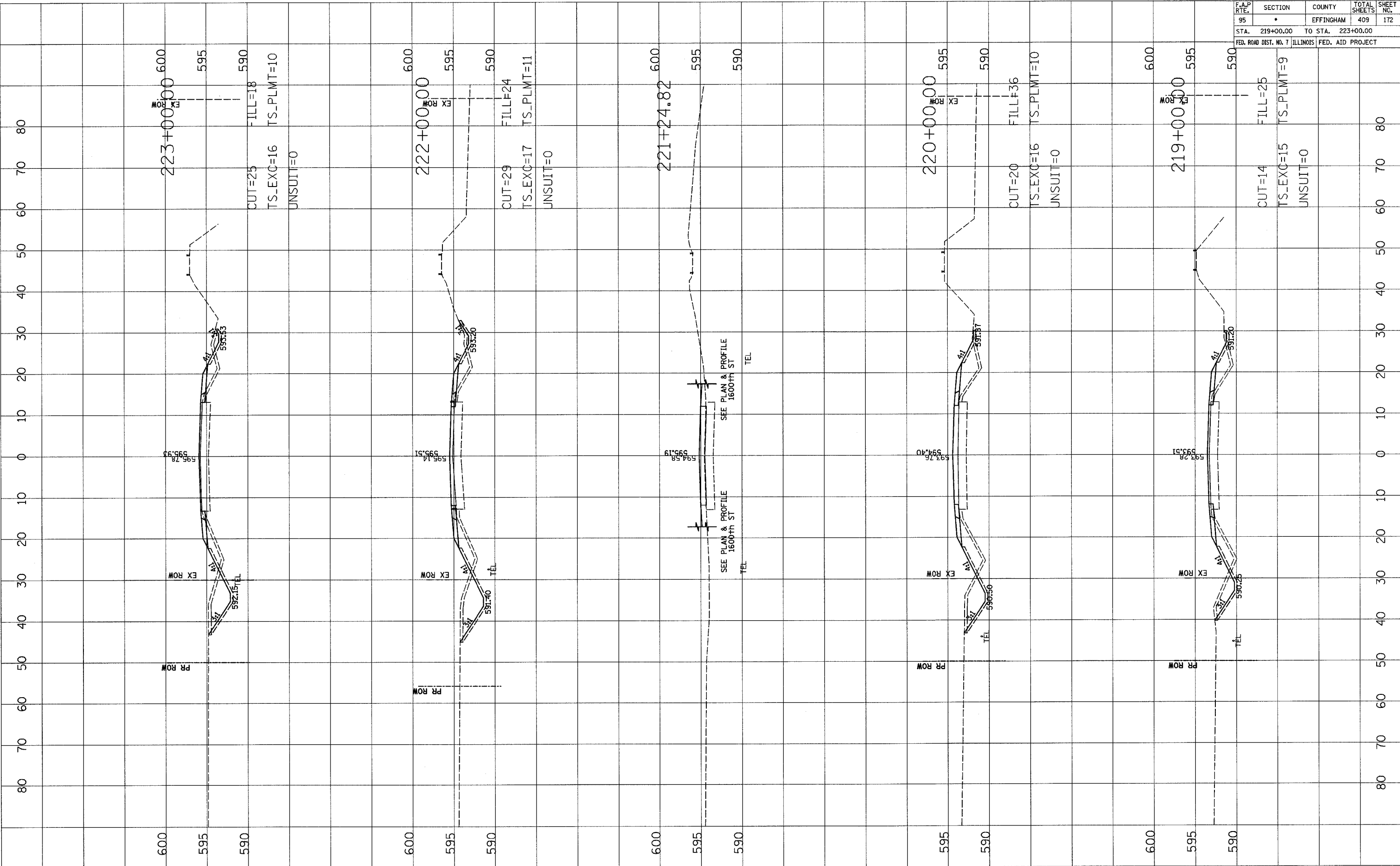
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NOTE BOOK	PLOTTED		
NO.	AREAS CHECKED		

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	•	EFFINGHAM	409	172
STA. 219+00.00		TO STA. 223+00.00		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

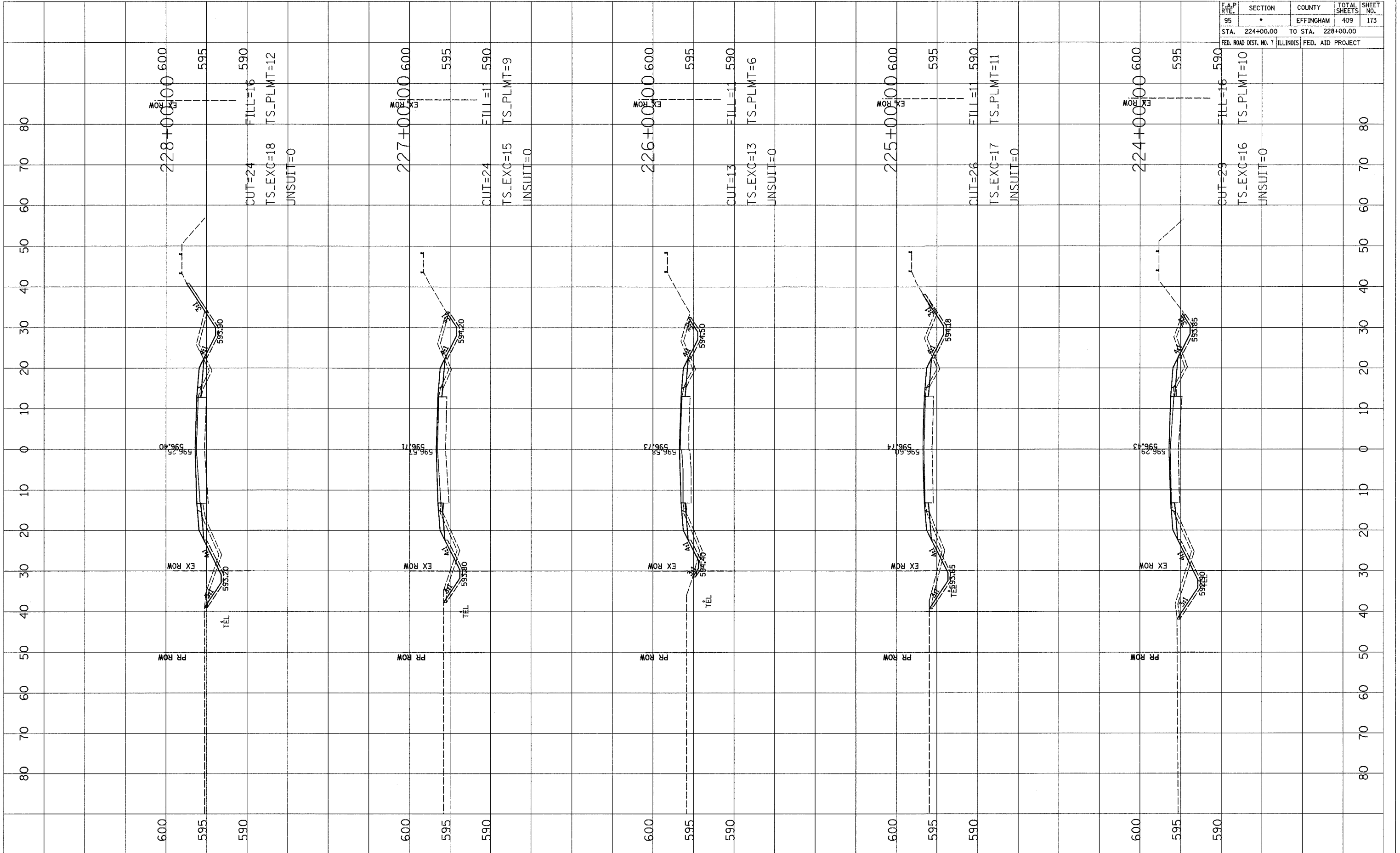
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SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	•	EFFINGHAM	409	173
STA. 224+00.00		TO STA. 228+00.00		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

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

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	DATE		
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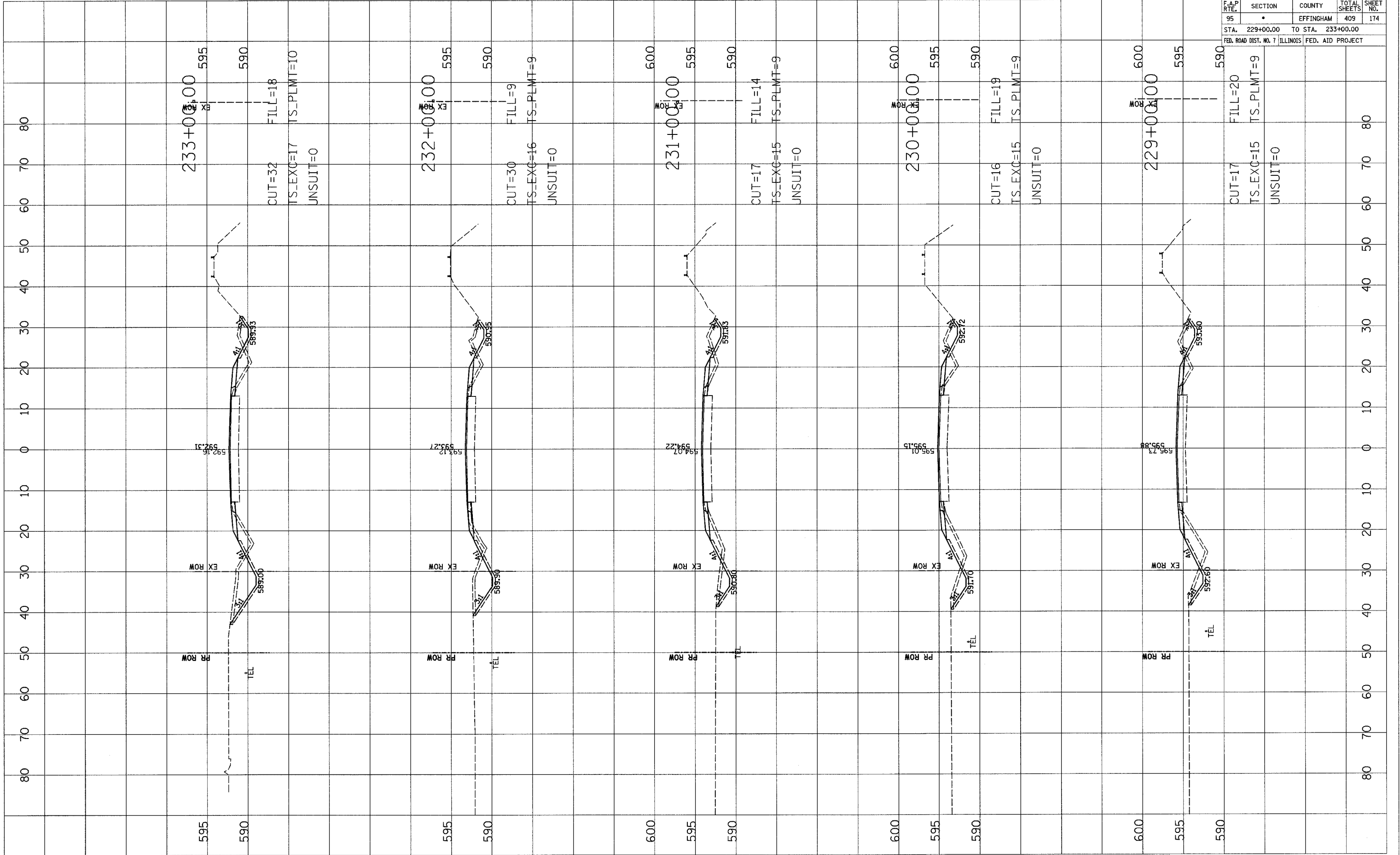
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	•	EFFINGHAM	409	174
STA. 229+00.00		TO STA. 233+00.00		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

BY	DATE

FINAL SURVEY SURVEYED PLOTTED DATE AREAS CHECKED

BY	DATE

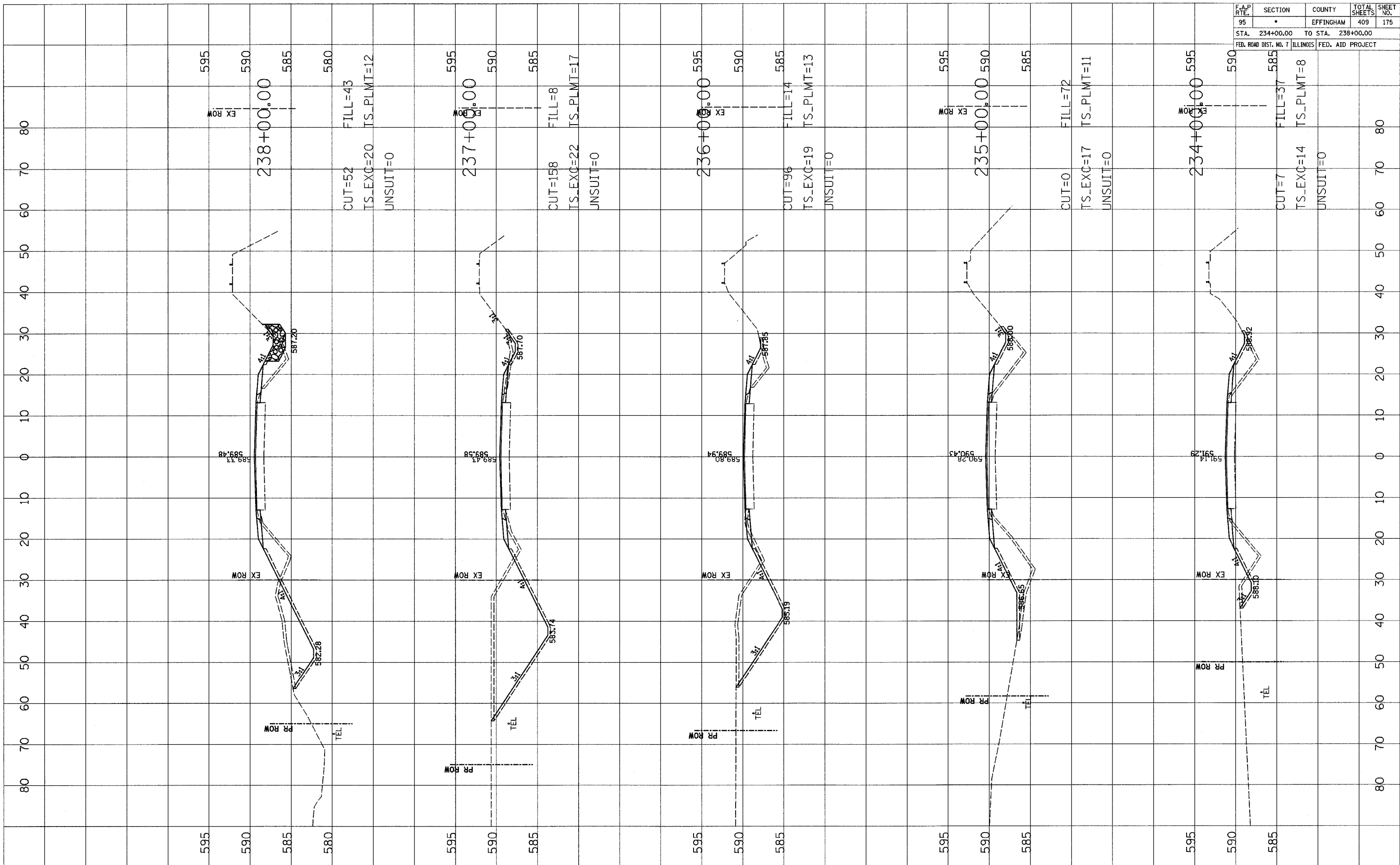
ORIGINAL SURVEY SURVEYED PLOTTED DATE AREAS CHECKED



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	•	EFFINGHAM	409	175
STA. 234+00.00		TO STA. 238+00.00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

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

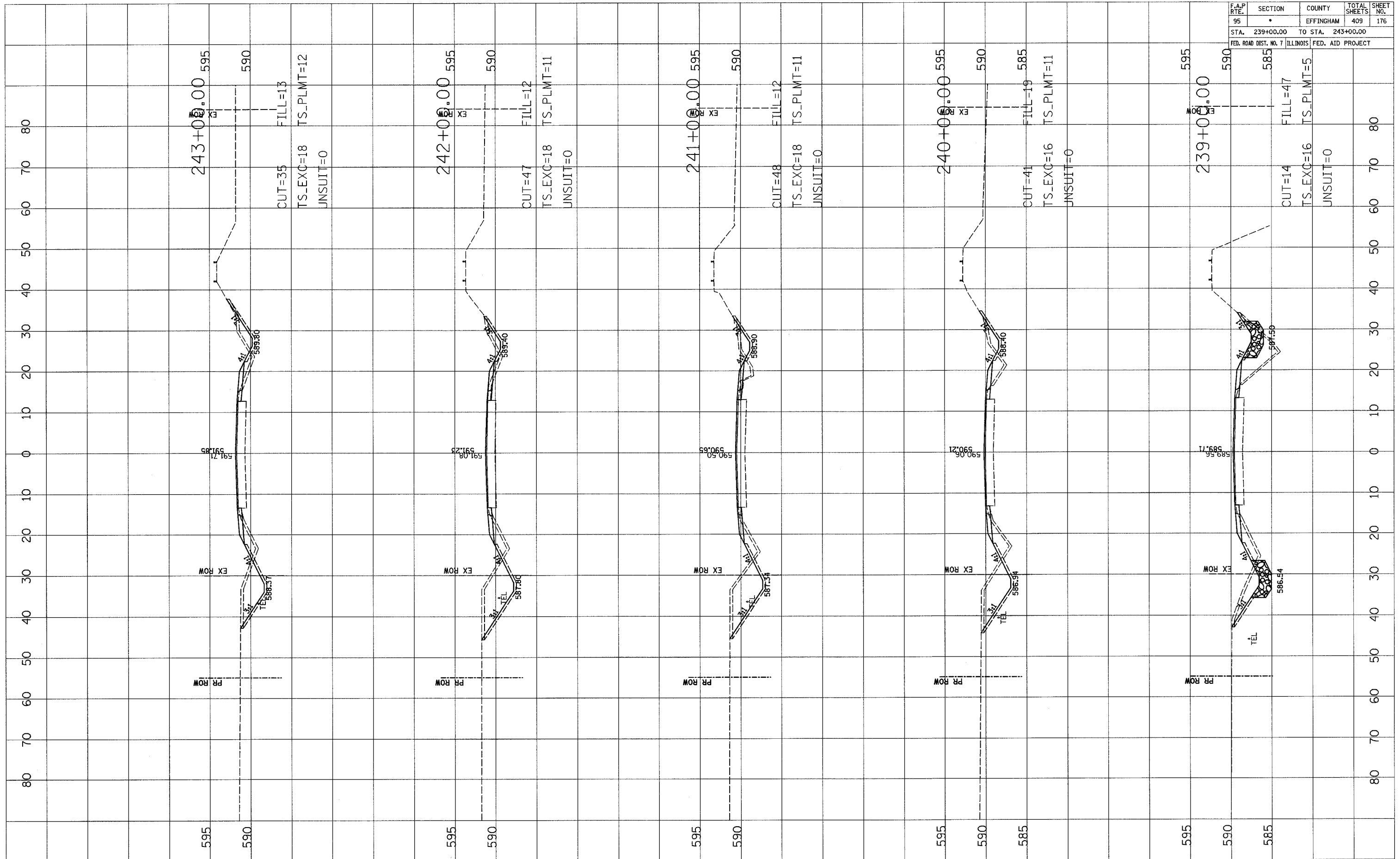
ORIGINAL SURVEY	DATE
NO. _____	_____
BY _____	_____
DATE _____	_____
NO. _____	_____



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	176
STA. 239+00.00		TO STA. 243+00.00		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

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

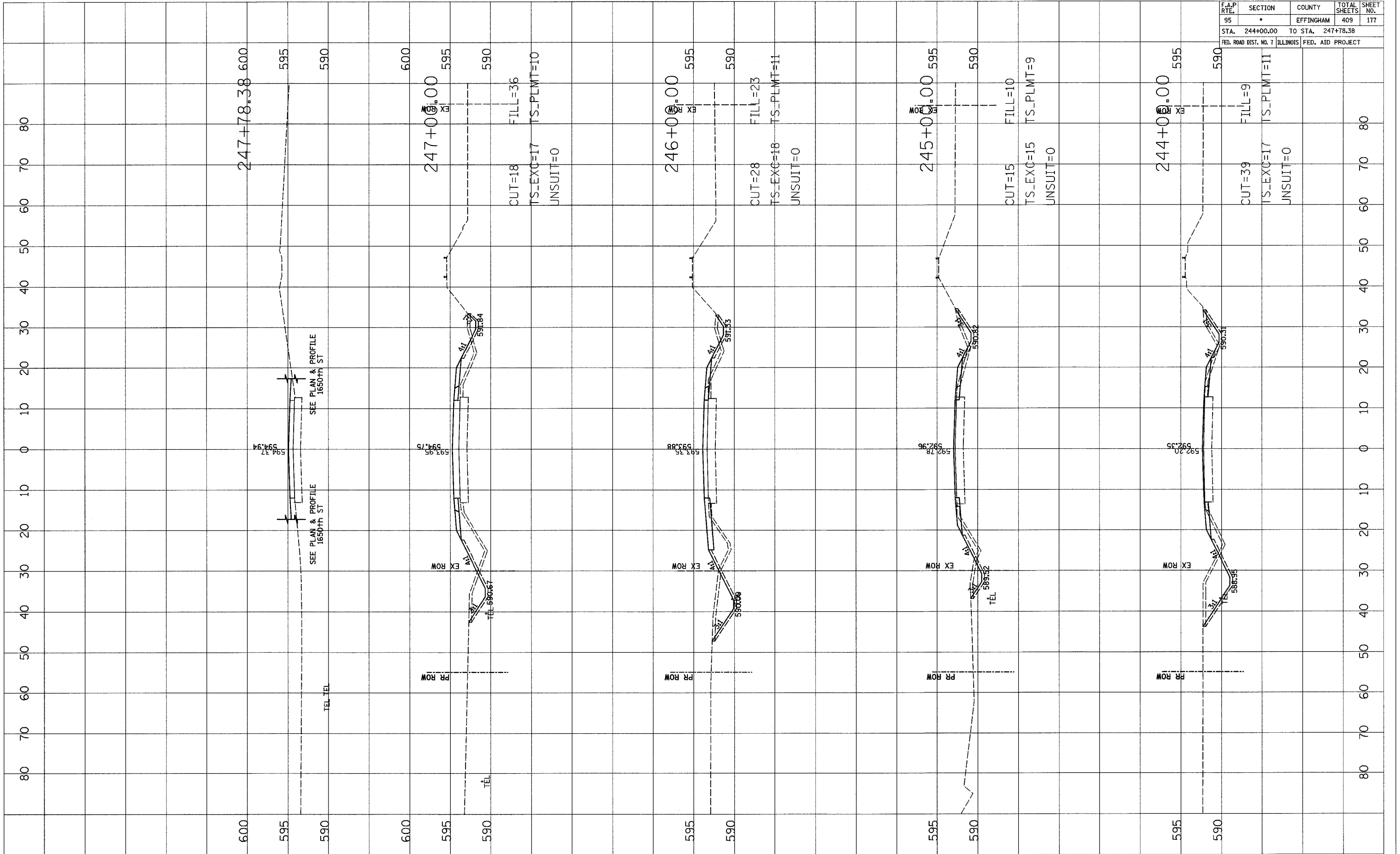
ORIGINAL SURVEY	DATE
SURVEYED	
PLOTTED	
DATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	177
STA. 244+00.00		TO STA. 247+78.38		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

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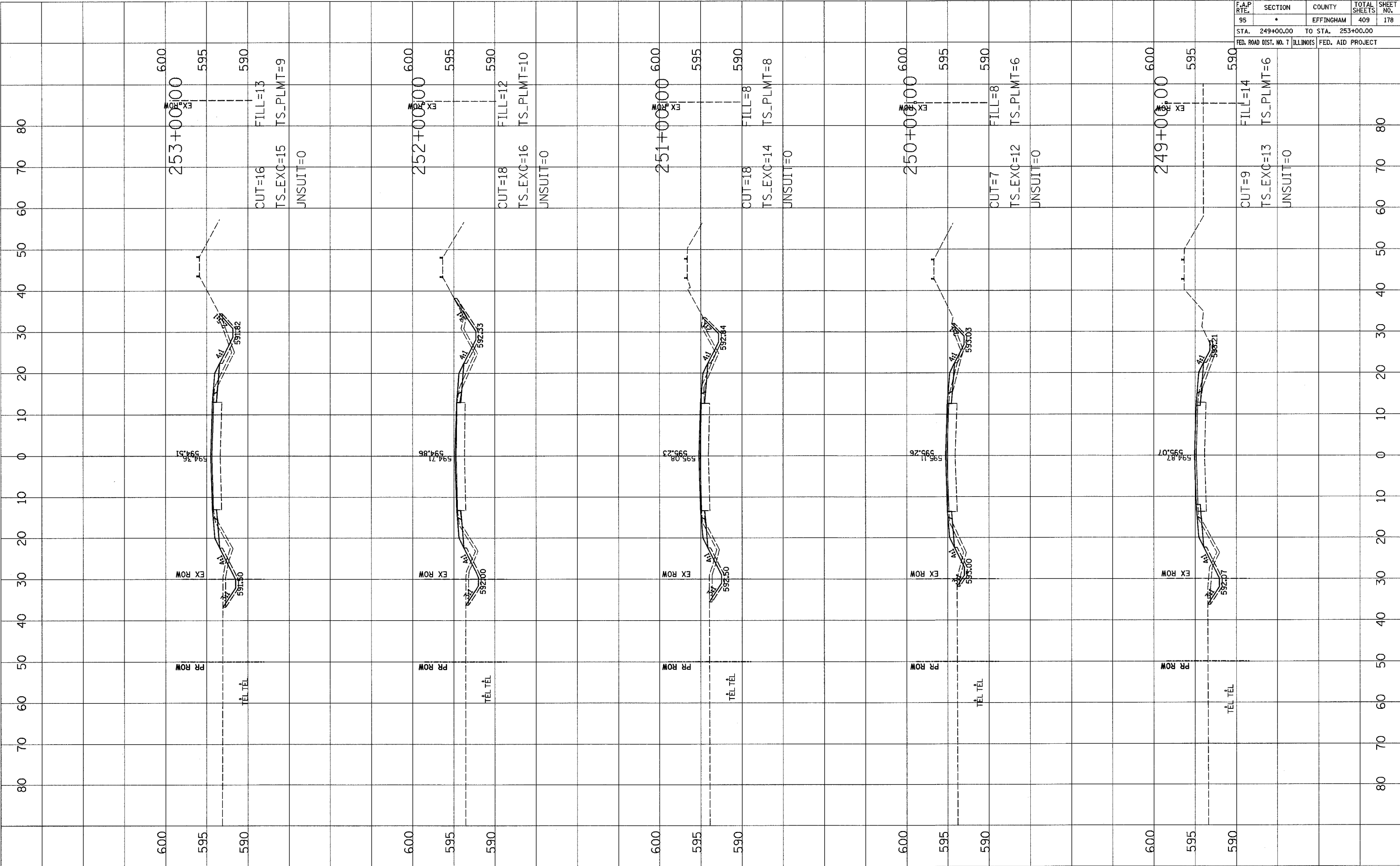
ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	DATE	
NO.	AREAS CHECKED	



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	178
STA. 249+00.00 TO STA. 253+00.00				
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

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

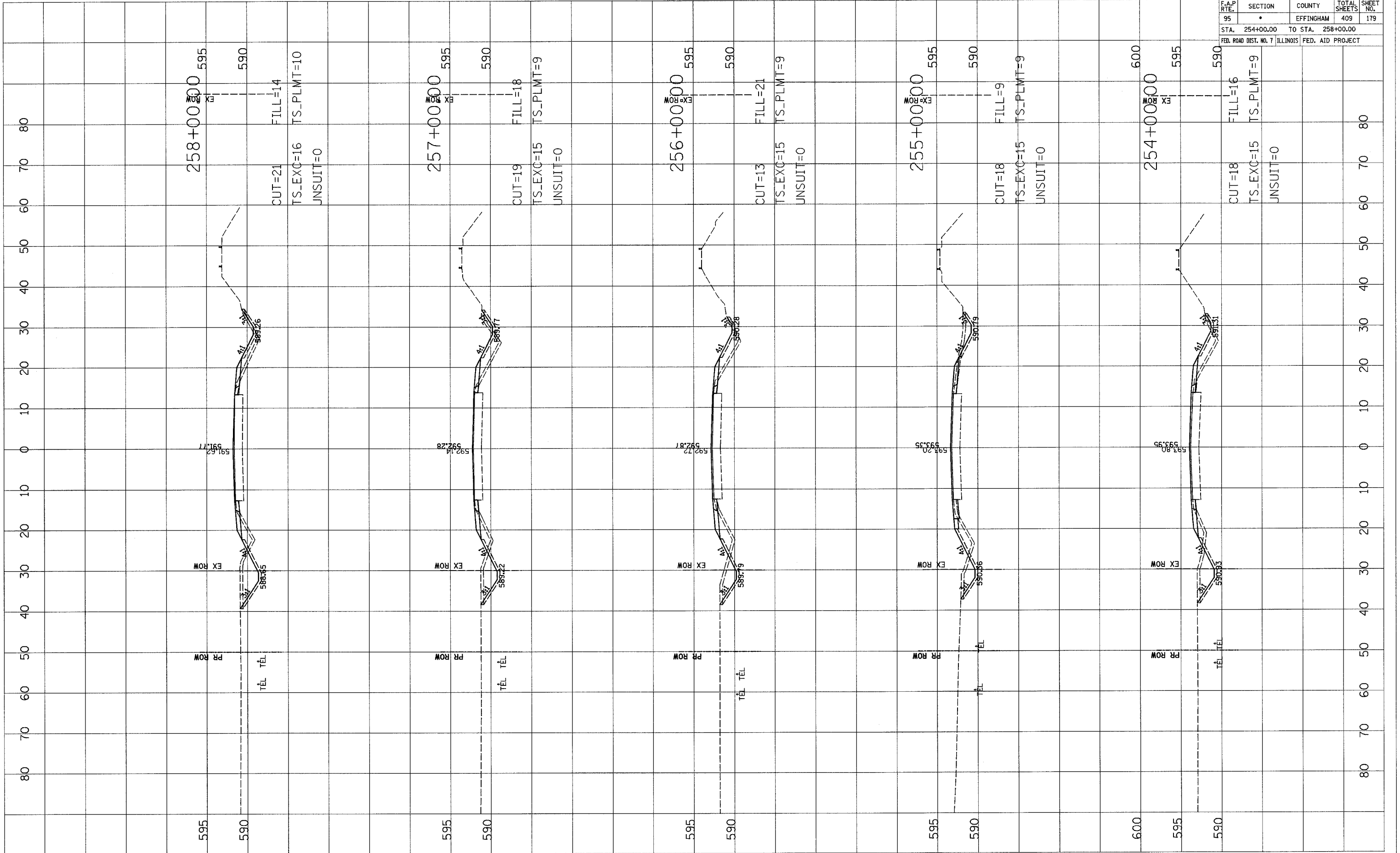
ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	DATE	
	AREAS CHECKED	



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	179
STA. 254+00.00		TO STA. 258+00.00		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

BY	DATE

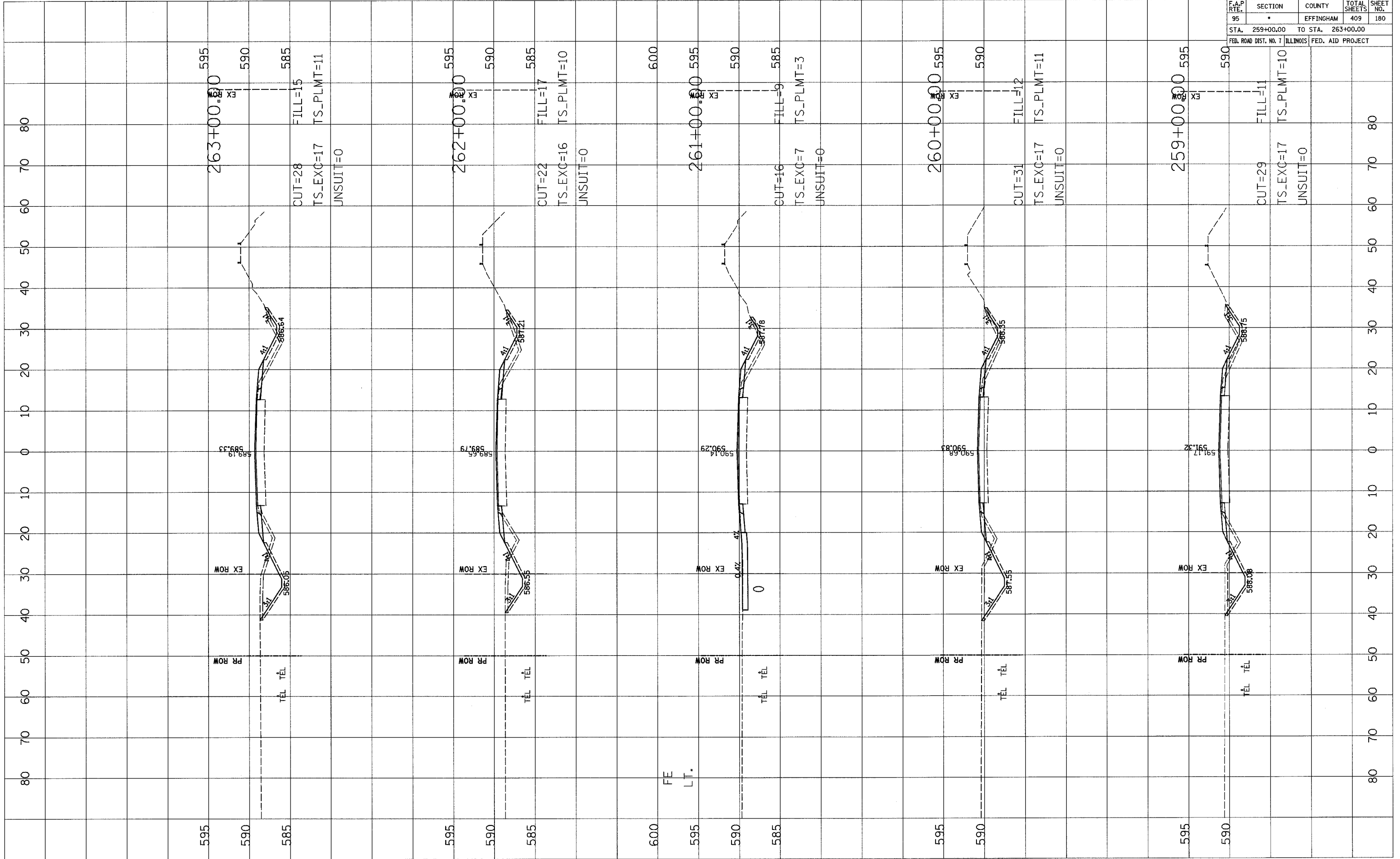
BY	DATE



F.A.P. RTE. 95	SECTION •	COUNTY EFFINGHAM	TOTAL SHEETS 409	SHEET NO. 180
STA. 259+00.00		TO STA. 263+00.00		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

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

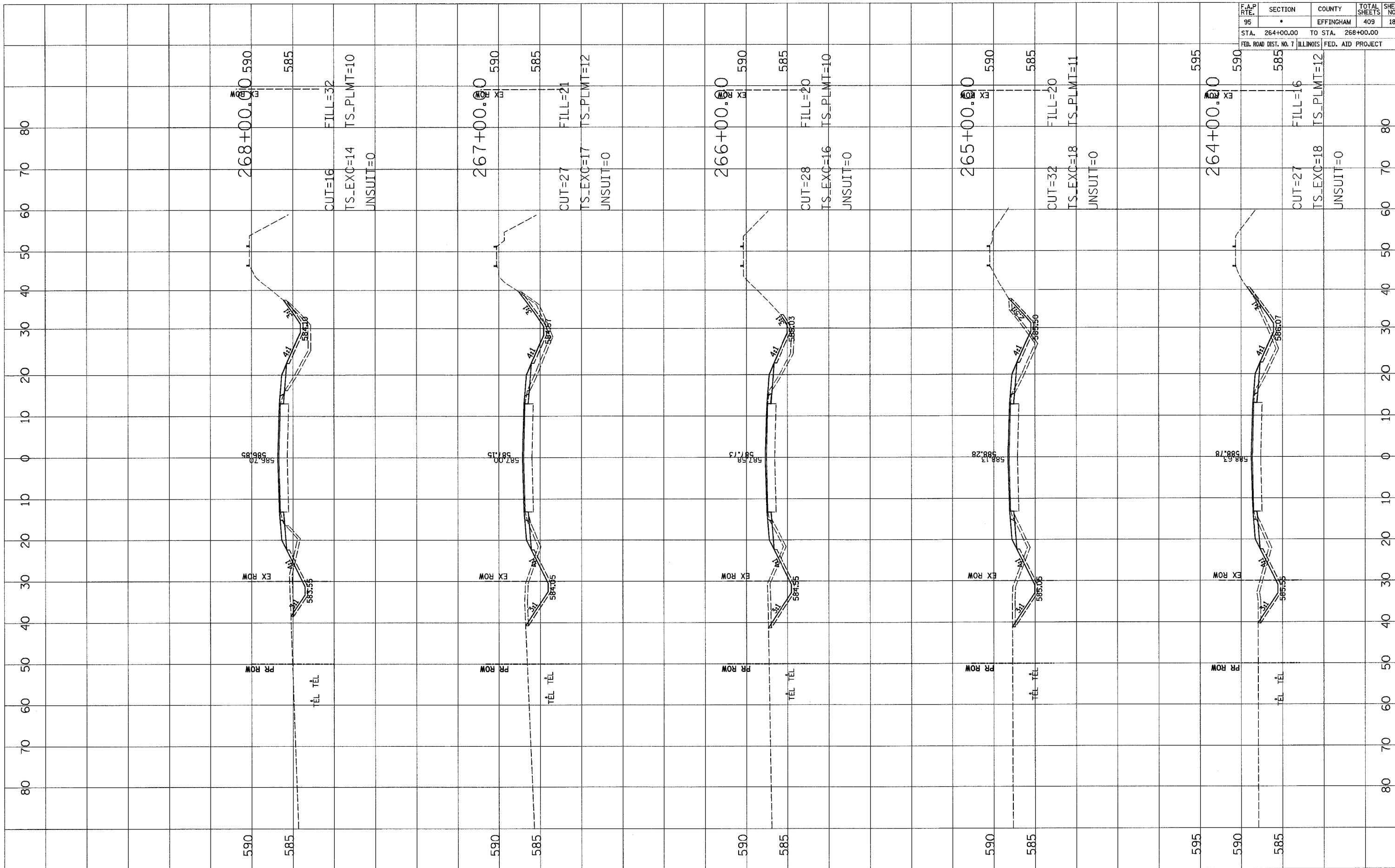
ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	DATE	
	AREAS CHECKED	



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	181
STA. 264+00.00		TO STA. 268+00.00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

DATE	BY

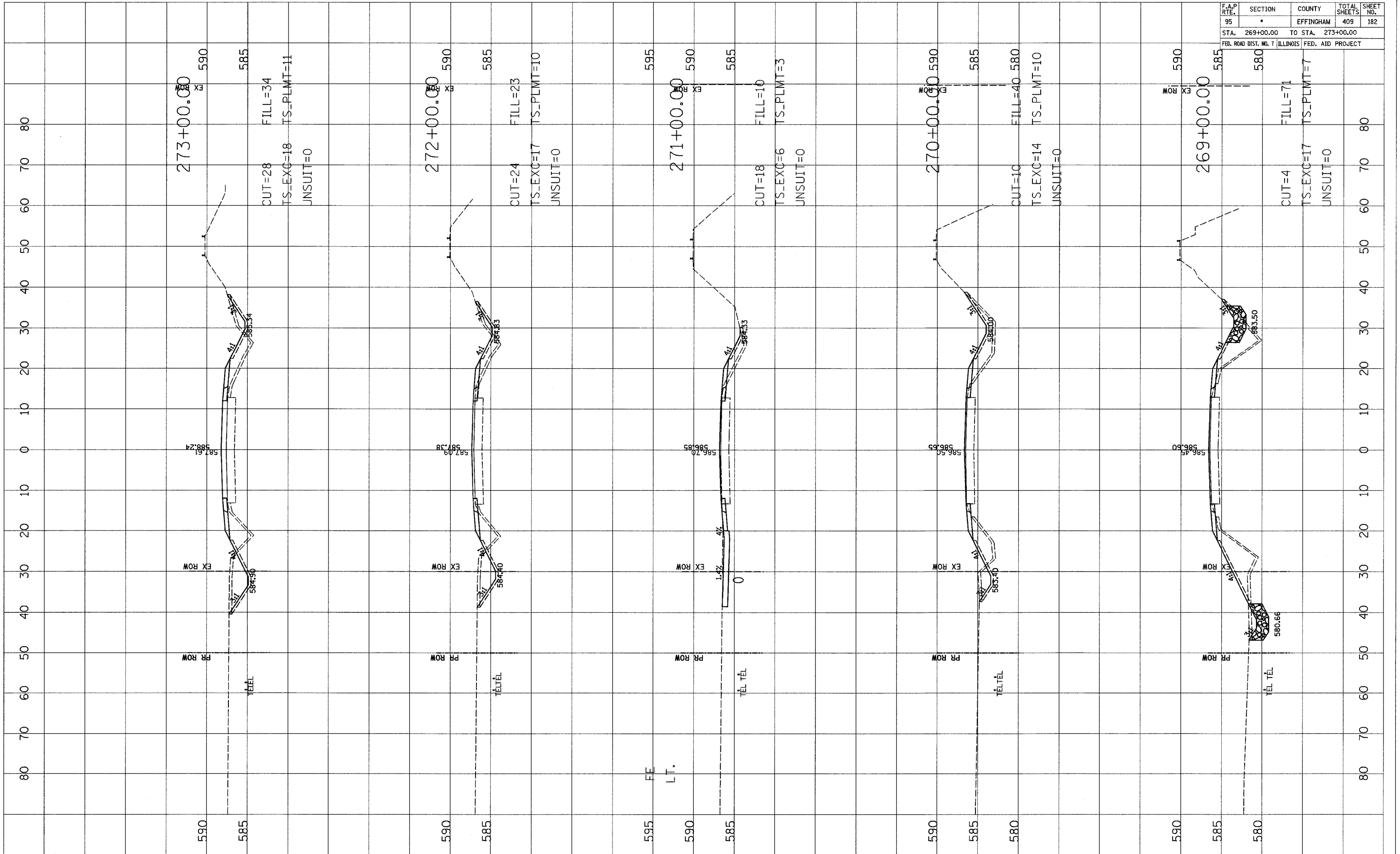
DATE	BY



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	182
STA. 269+00.00 TO STA. 273+00.00				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

DATE	BY

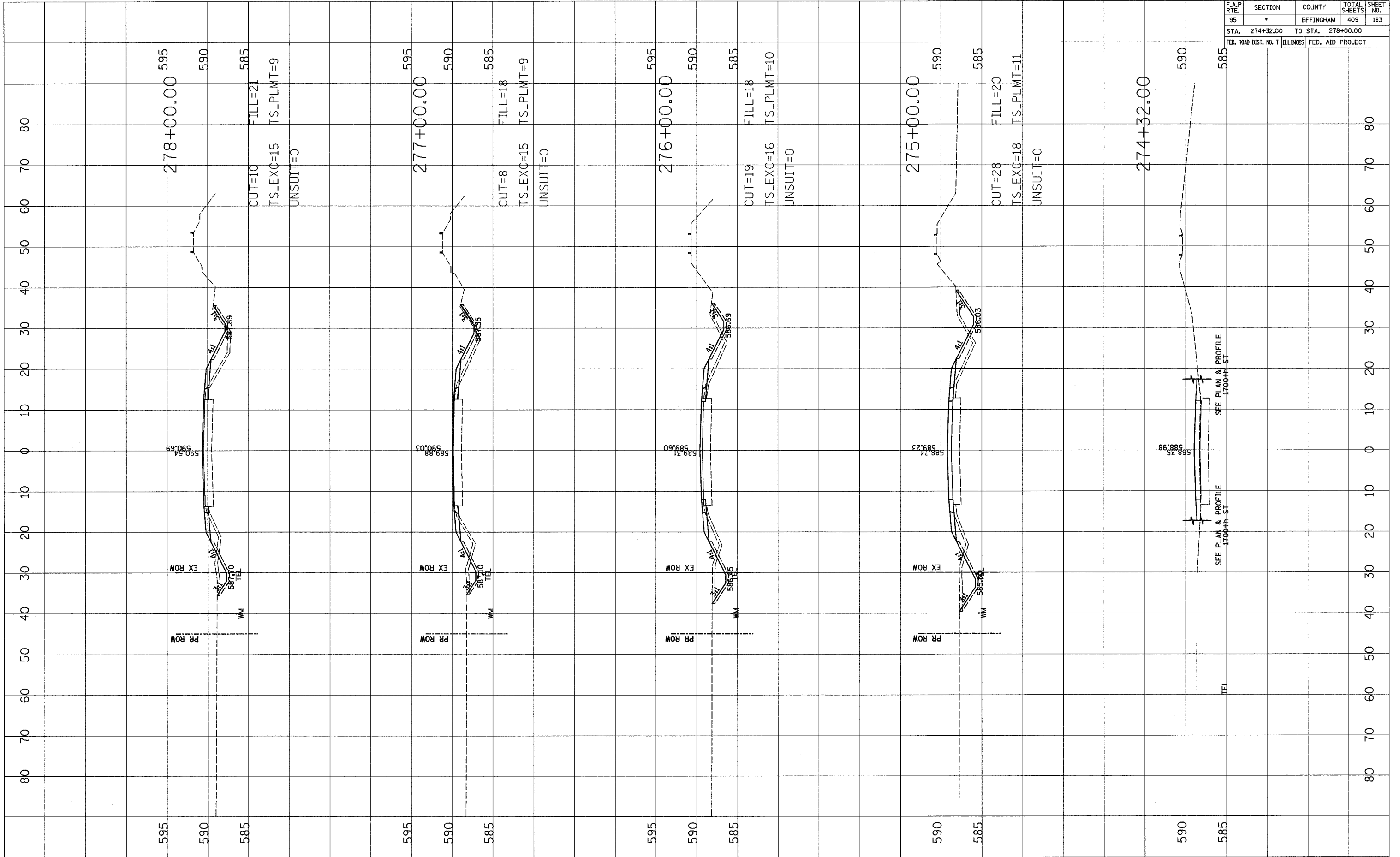
DATE	BY



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	•	EFFINGHAM	409	183
STA. 274+32.00		TO STA. 278+00.00		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS CHECKED		

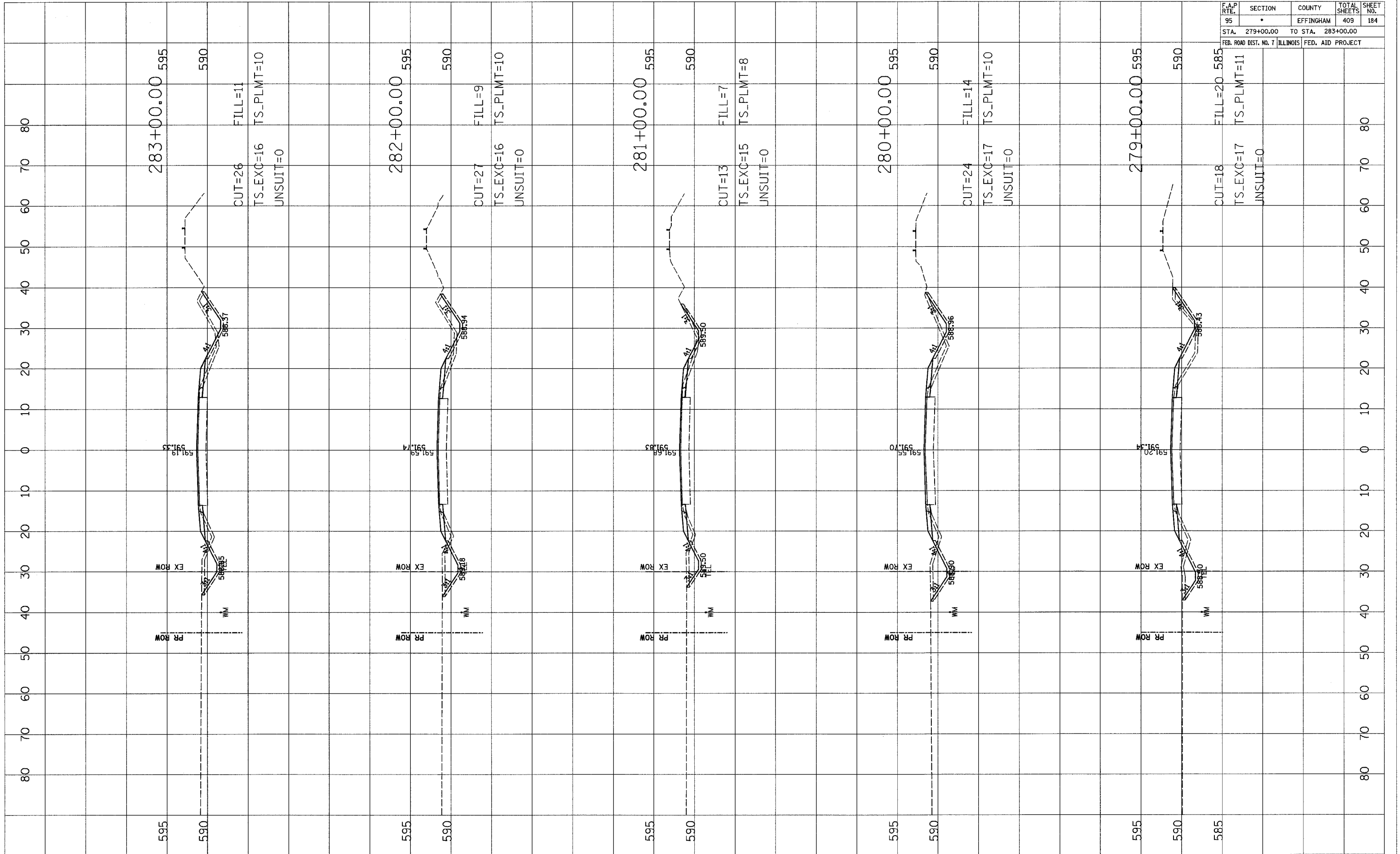
ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS CHECKED		



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	184
STA. 279+00.00 TO STA. 283+00.00		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	AREAS CHECKED	



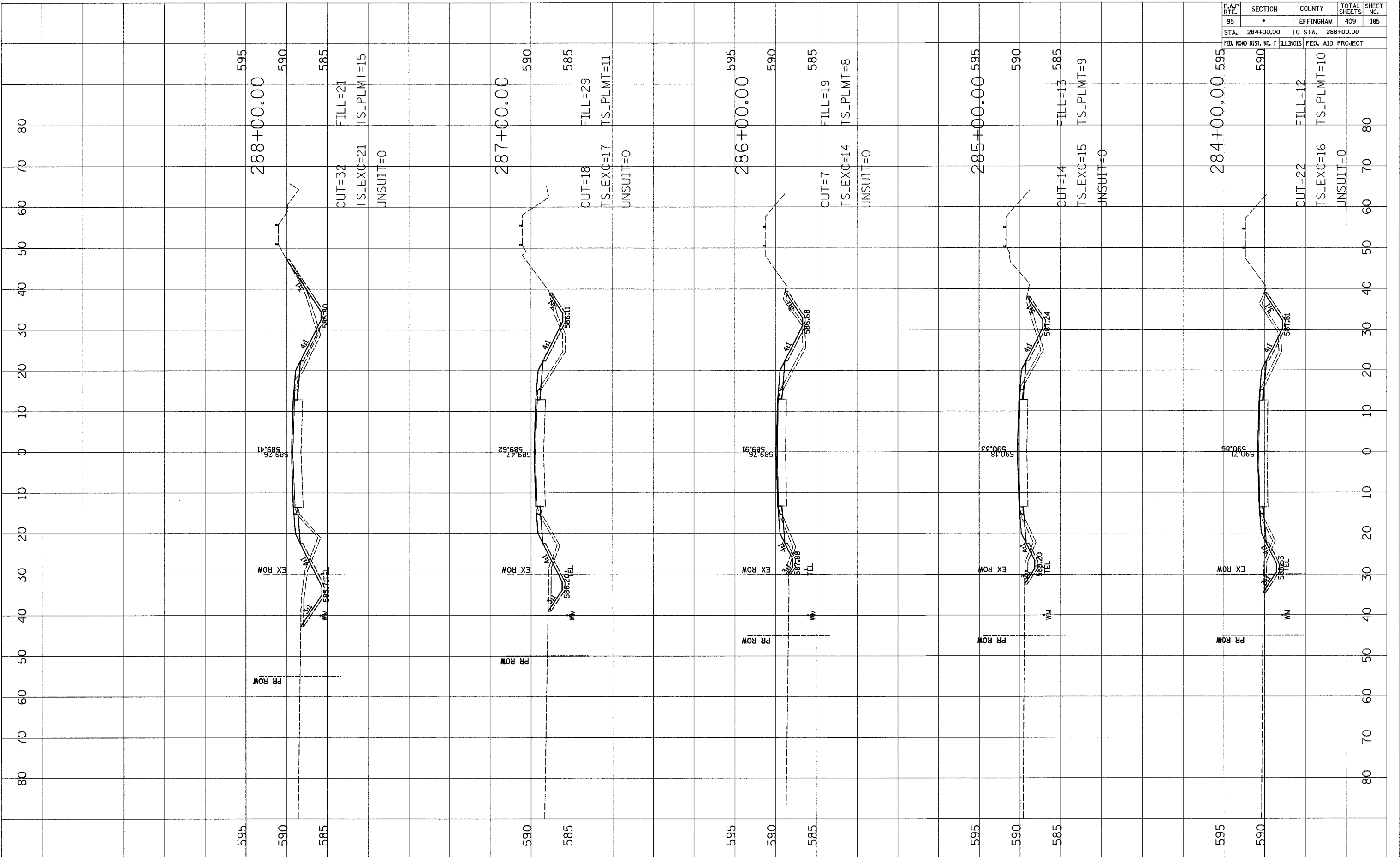
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	•	EFFINGHAM	409	185
STA. 284+00.00 TO STA. 288+00.00		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		

BY	DATE

FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	DATE
	AREAS CHECKED

BY	DATE

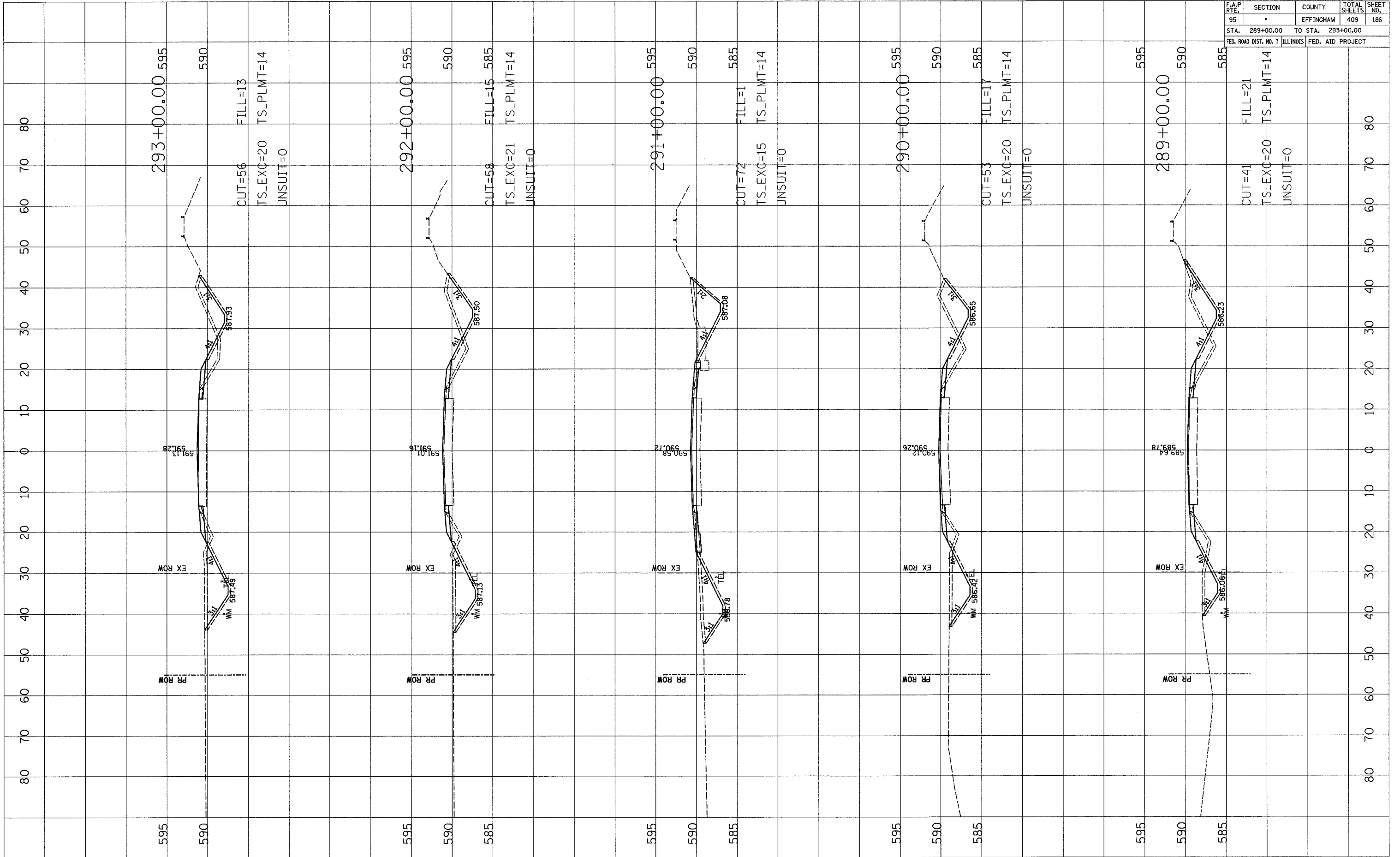
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	DATE
	AREAS CHECKED



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	186
STA. 289+00.00 TO STA. 293+00.00				
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	AREAS CHECKED	

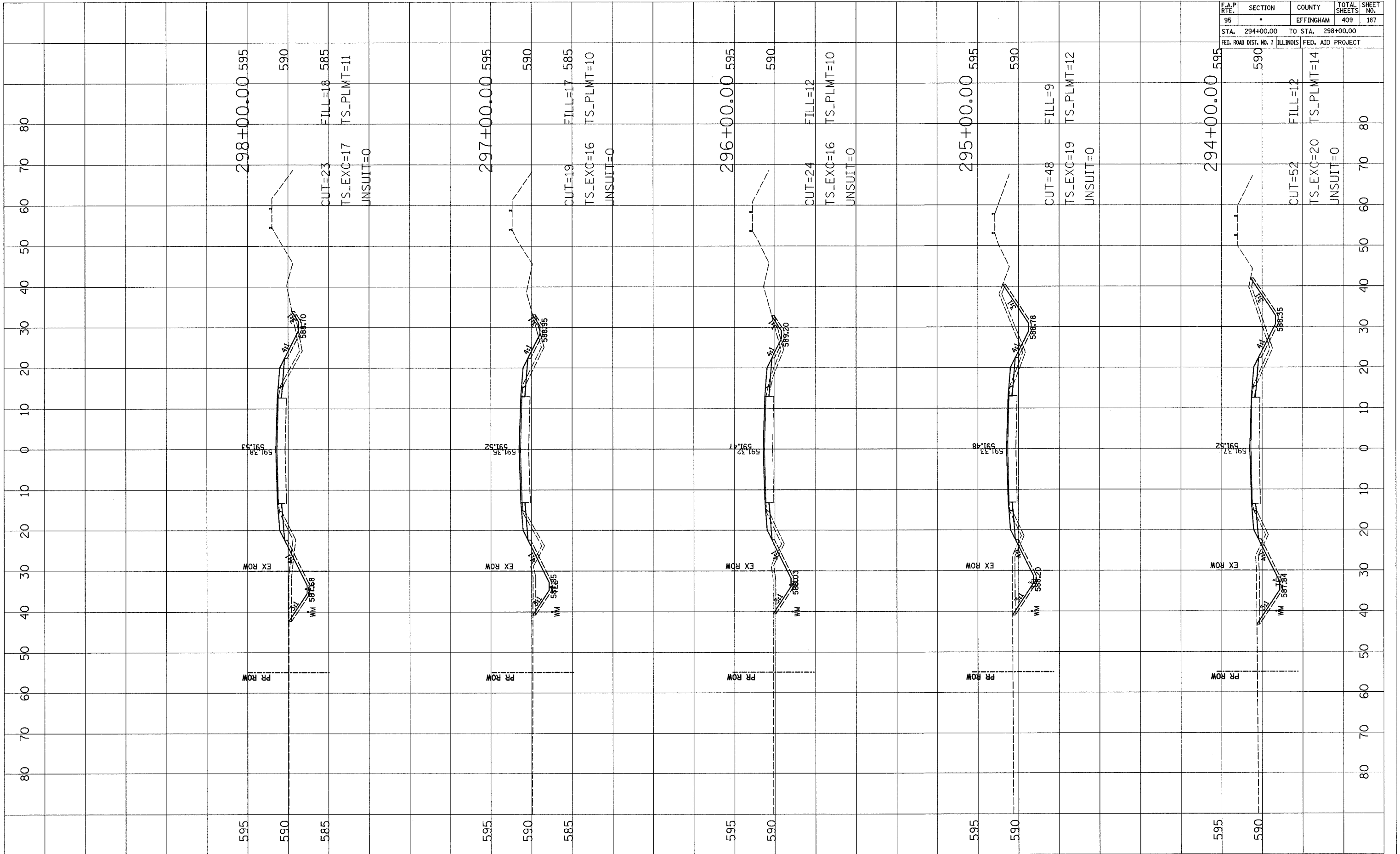
ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	AREAS CHECKED	



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	•	EFFINGHAM	409	187
STA. 294+00.00		TO STA. 298+00.00		
FED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT

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

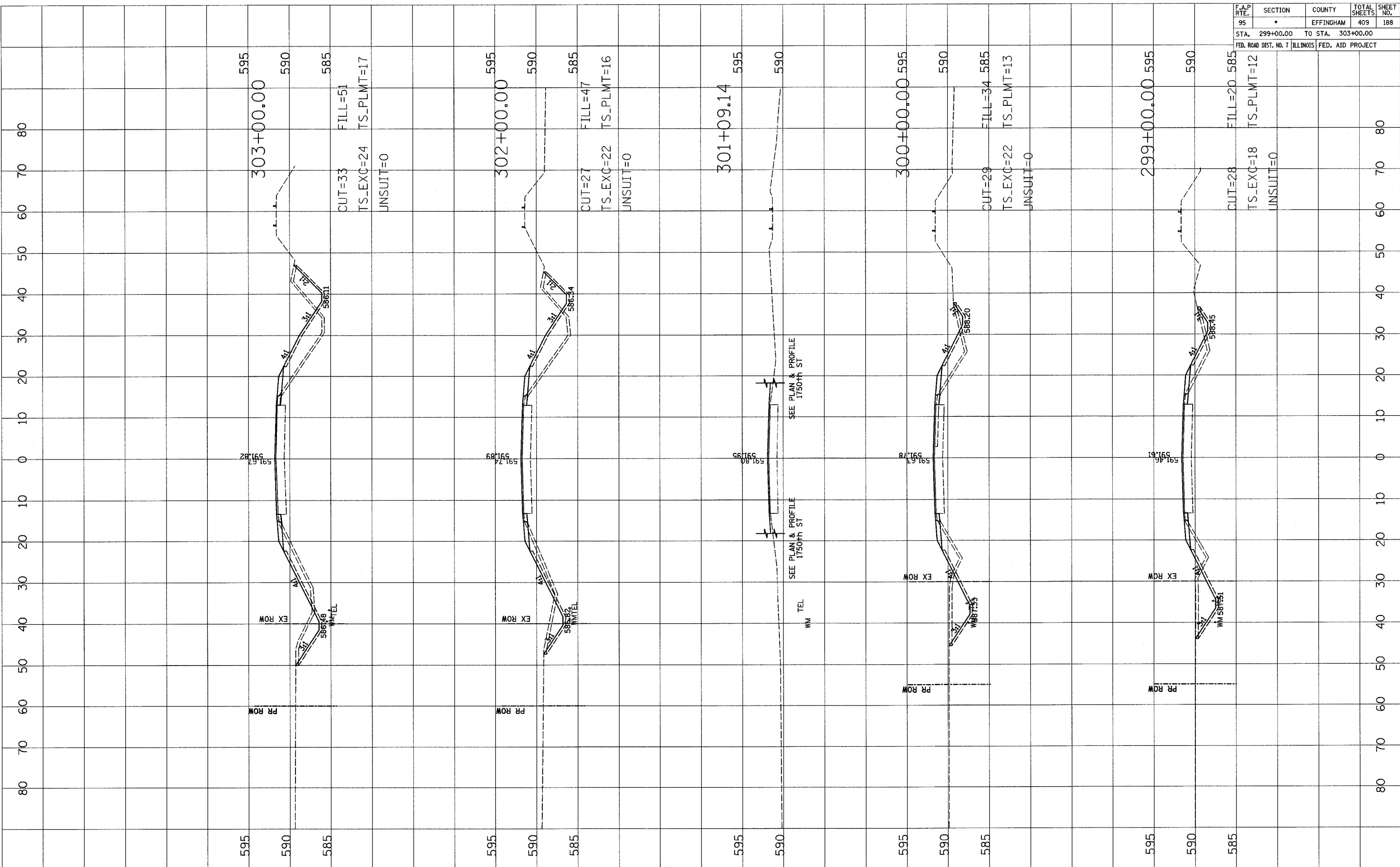
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	DATE		
	AREAS CHECKED		



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	•	EFFINGHAM	409	188
STA. 299+00.00		TO STA. 303+00.00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

FINAL SURVEY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

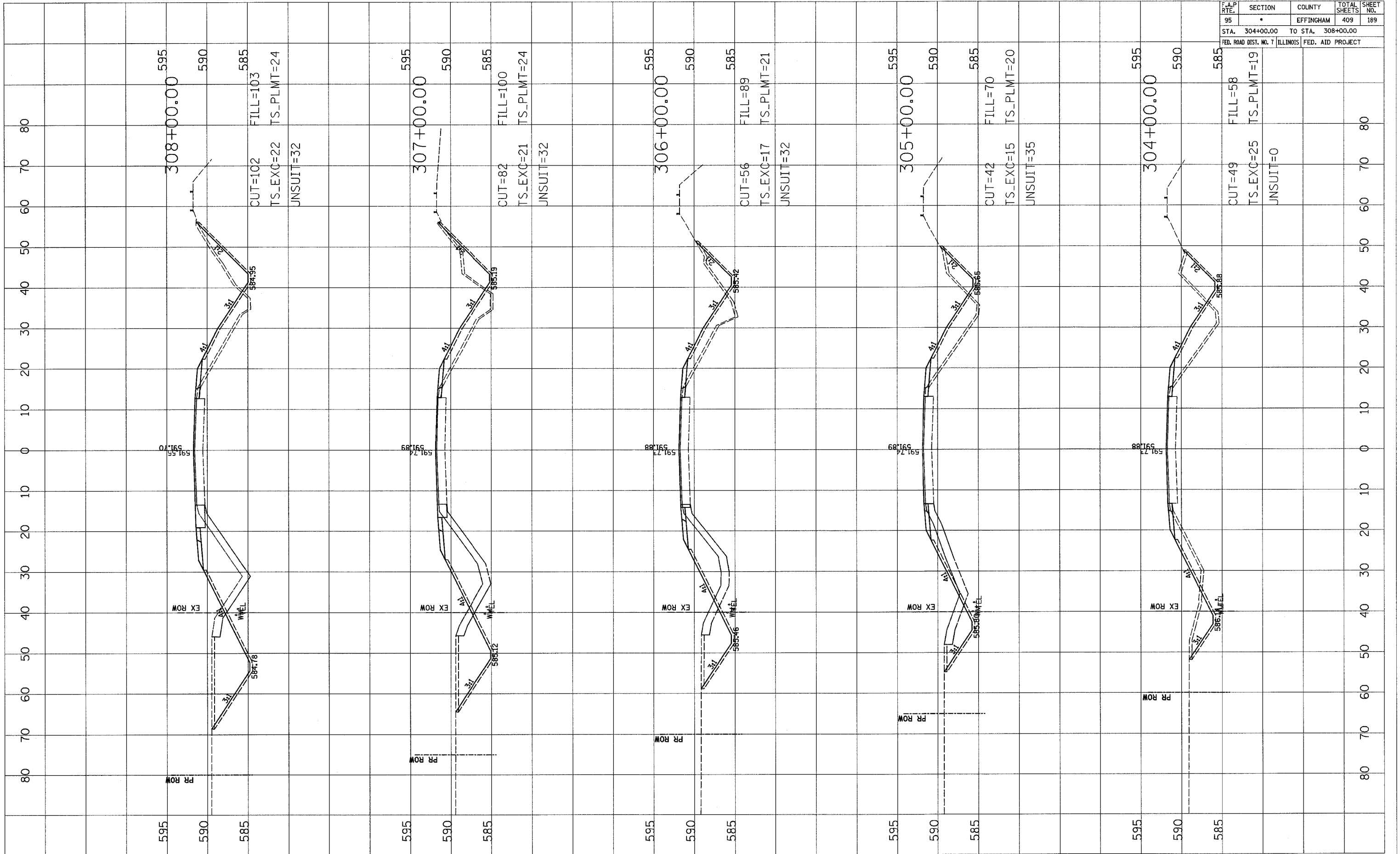
ORIGINAL SURVEY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	189
STA. 304+00.00 TO STA. 308+00.00				
FED. ROAD DIST. NO. 7 ILLINOIS		FED. AID PROJECT		

FINAL SURVEY	DATE
SURVEYED	
PLOTTED	
DATE	
AREAS CHECKED	
NO.	

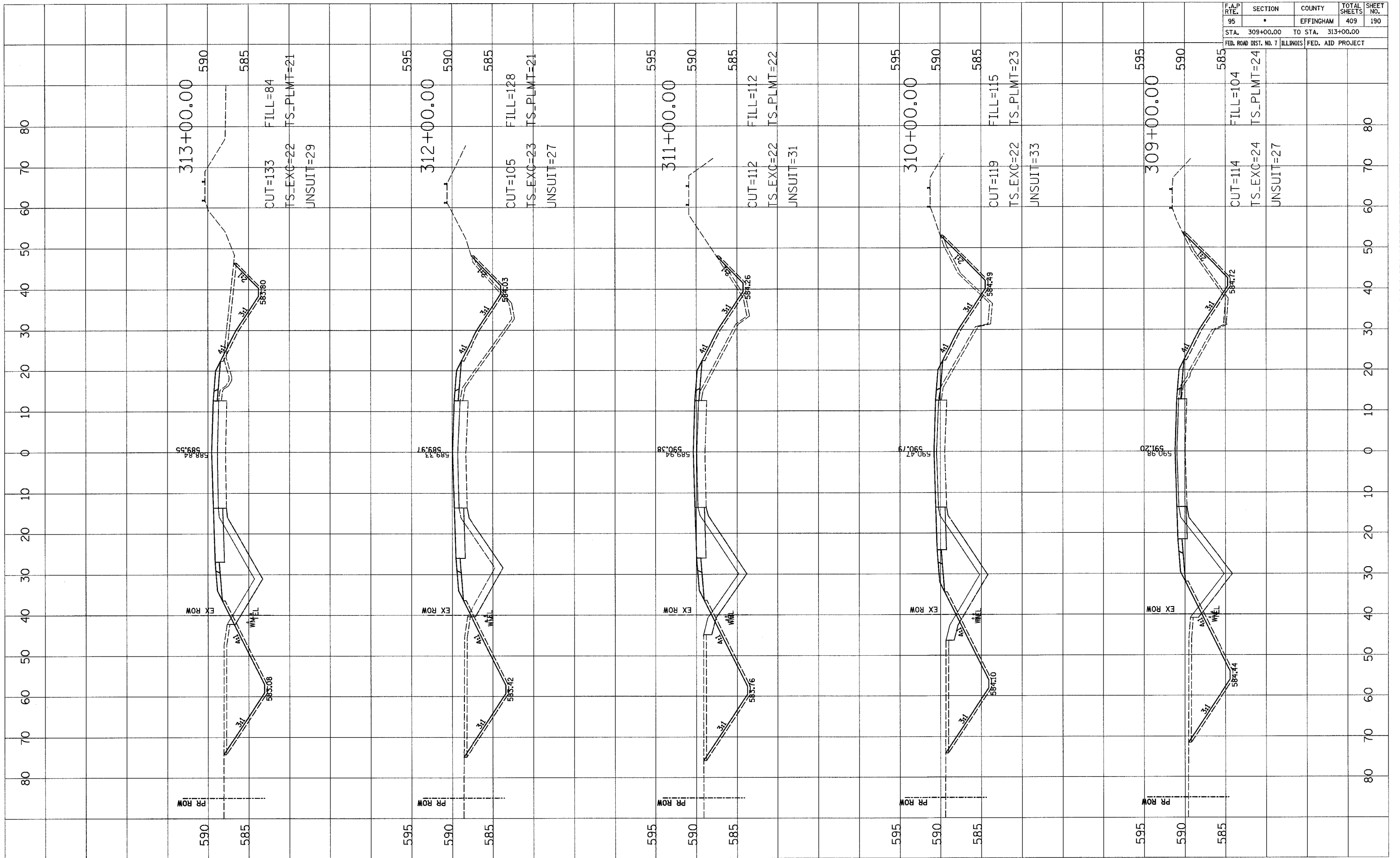
ORIGINAL SURVEY	DATE
SURVEYED	
PLOTTED	
DATE	
AREAS CHECKED	
NO.	



F.A.P. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	•	EFFINGHAM	409	190
STA. 309+00.00		TO STA. 313+00.00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

BY	DATE
ORIGINAL SURVEY	PLOTTED
NOTE BOOK	DATE
AREAS CHECKED	

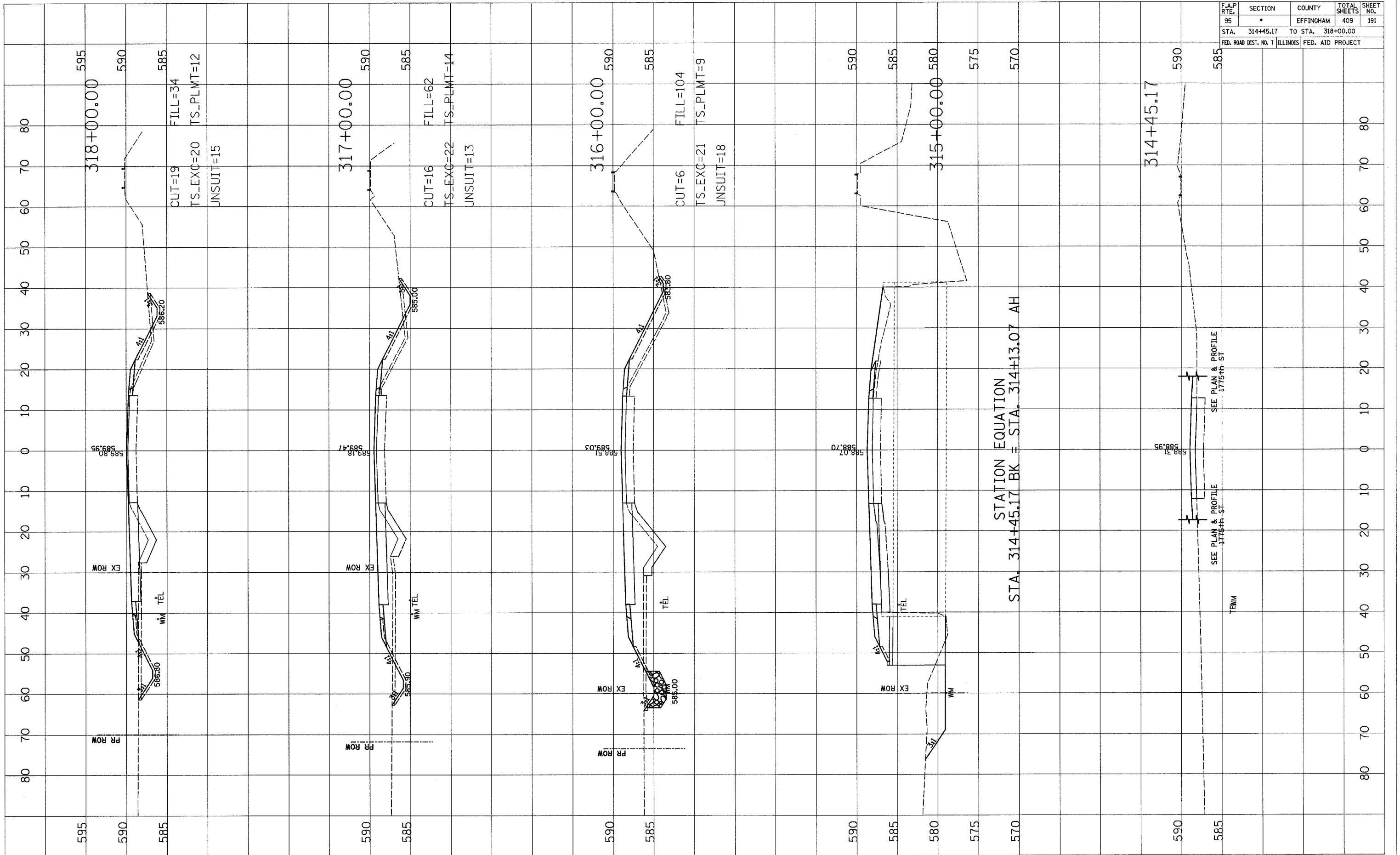
BY	DATE
ORIGINAL SURVEY	PLOTTED
NOTE BOOK	DATE
AREAS CHECKED	



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	191
STA. 314+45.17		TO STA. 318+00.00		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

DATE	BY

DATE	BY



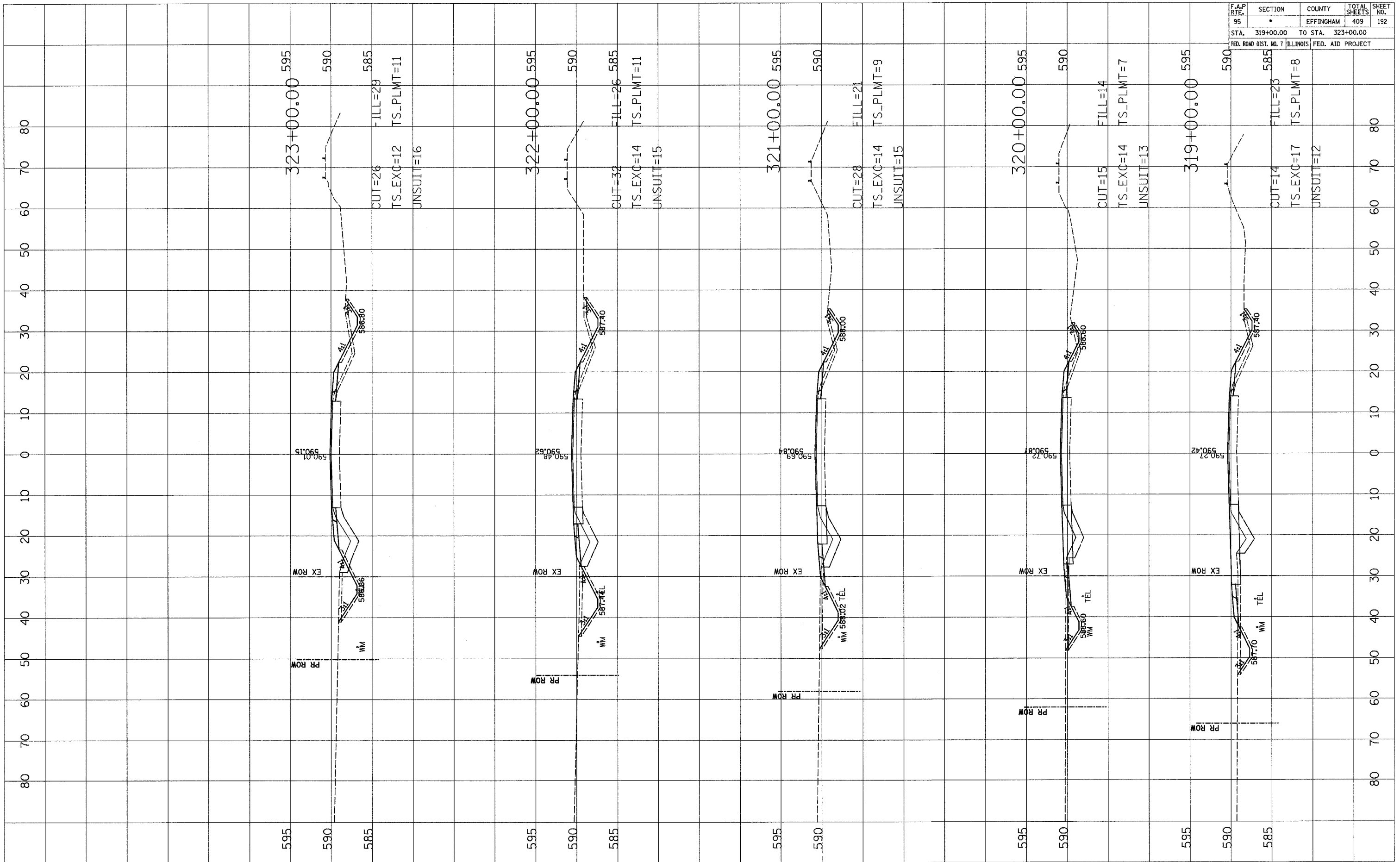
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95		EFFINGHAM	409	192
STA. 319+00.00		TO STA. 323+00.00		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

DATE	BY

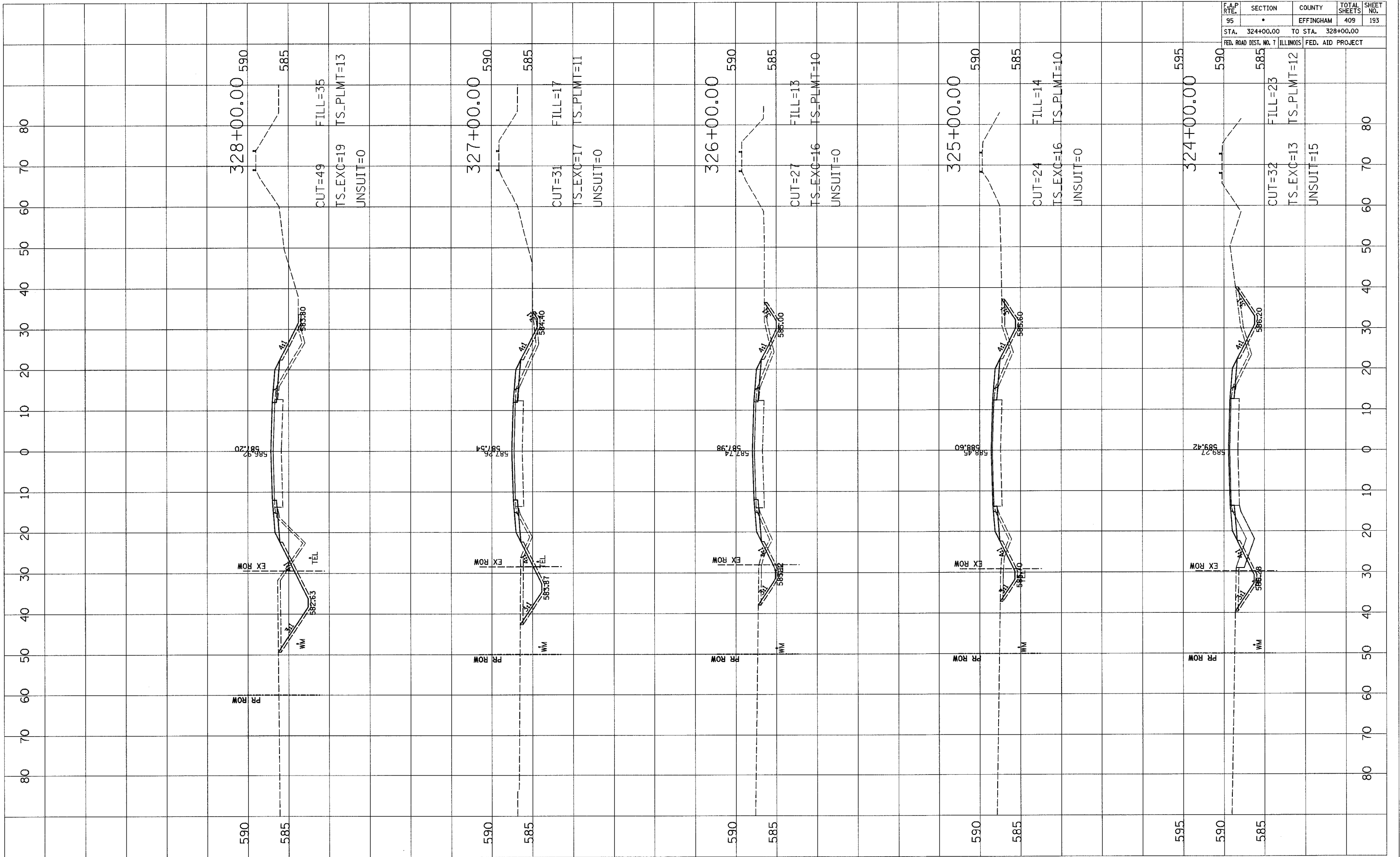
FINAL SURVEY SURVEYED PLOTTED DATE AREAS CHECKED

DATE	BY

ORIGINAL SURVEY SURVEYED PLOTTED DATE AREAS CHECKED



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95		EFFINGHAM	409	193
STA. 324+00.00		TO STA. 328+00.00		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	



DATE	BY

FINAL SURVEY PLOTTED DATE AREAS CHECKED

DATE	BY

ORIGINAL SURVEY PLOTTED DATE AREAS CHECKED

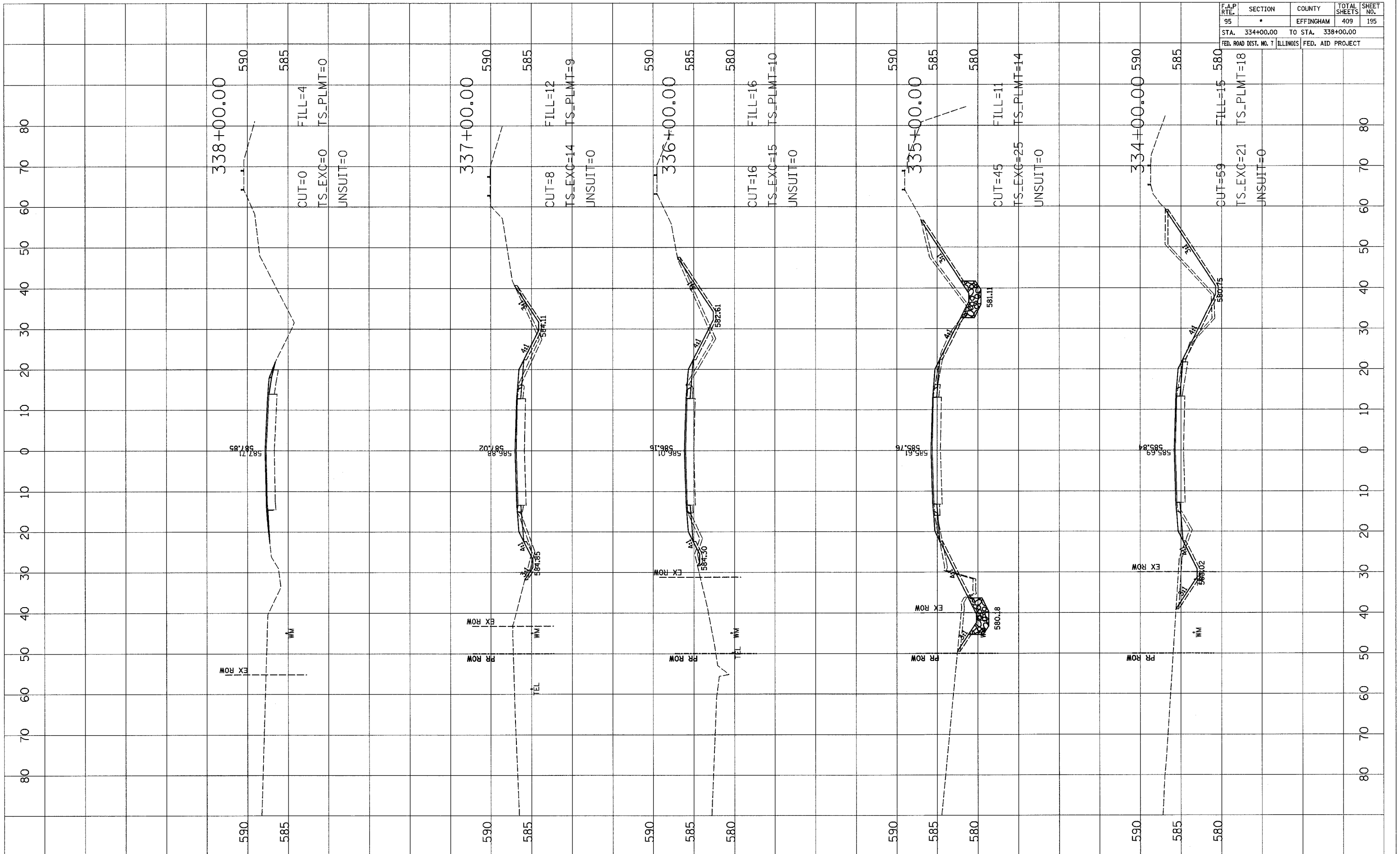
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	195
STA. 334+00.00 TO STA. 338+00.00				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

BY	DATE

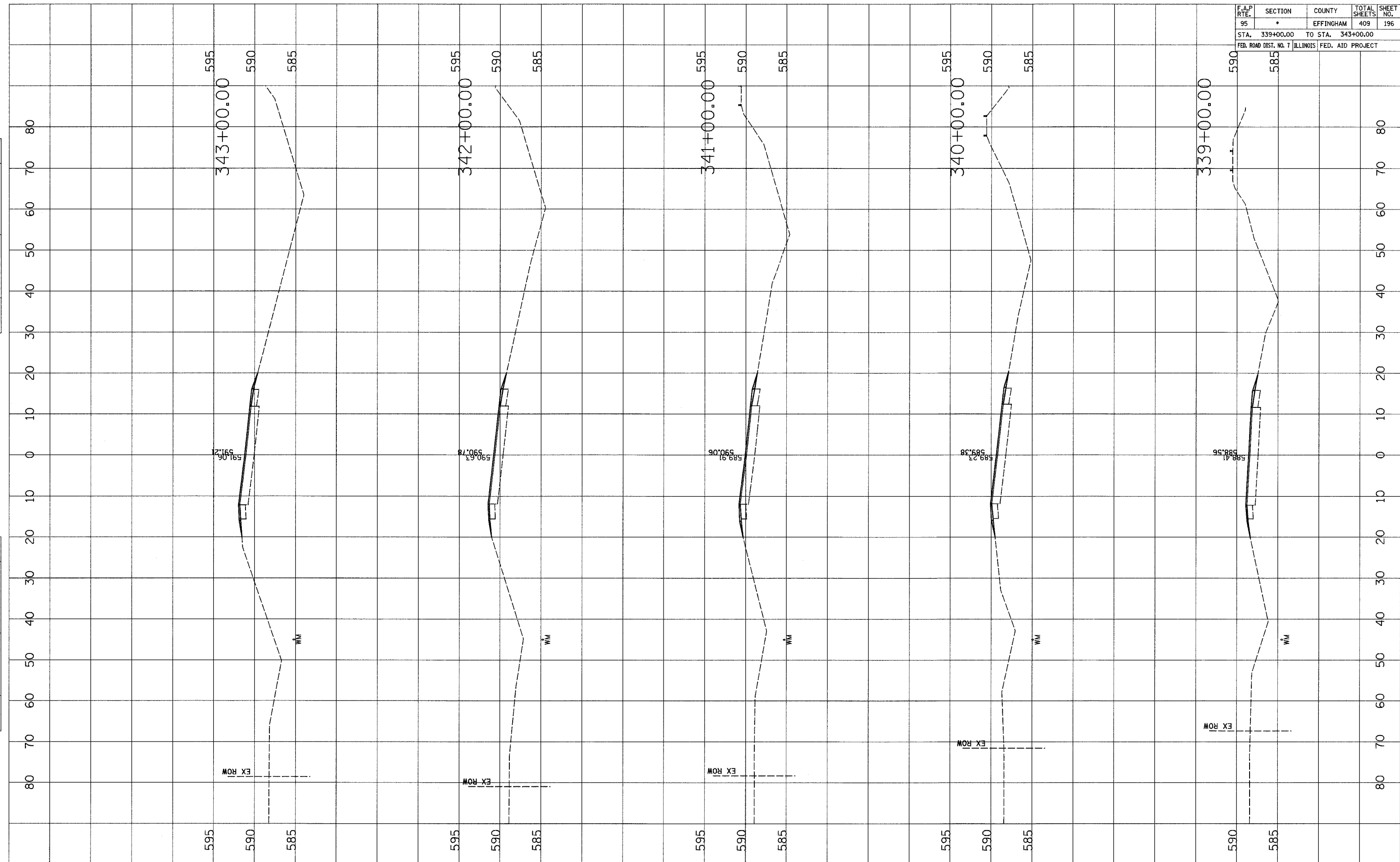
FINAL SURVEY	SURVEYED	PLOTTED	DATE

BY	DATE

ORIGINAL SURVEY	SURVEYED	PLOTTED	DATE



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	196
STA. 339+00.00		TO STA. 343+00.00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



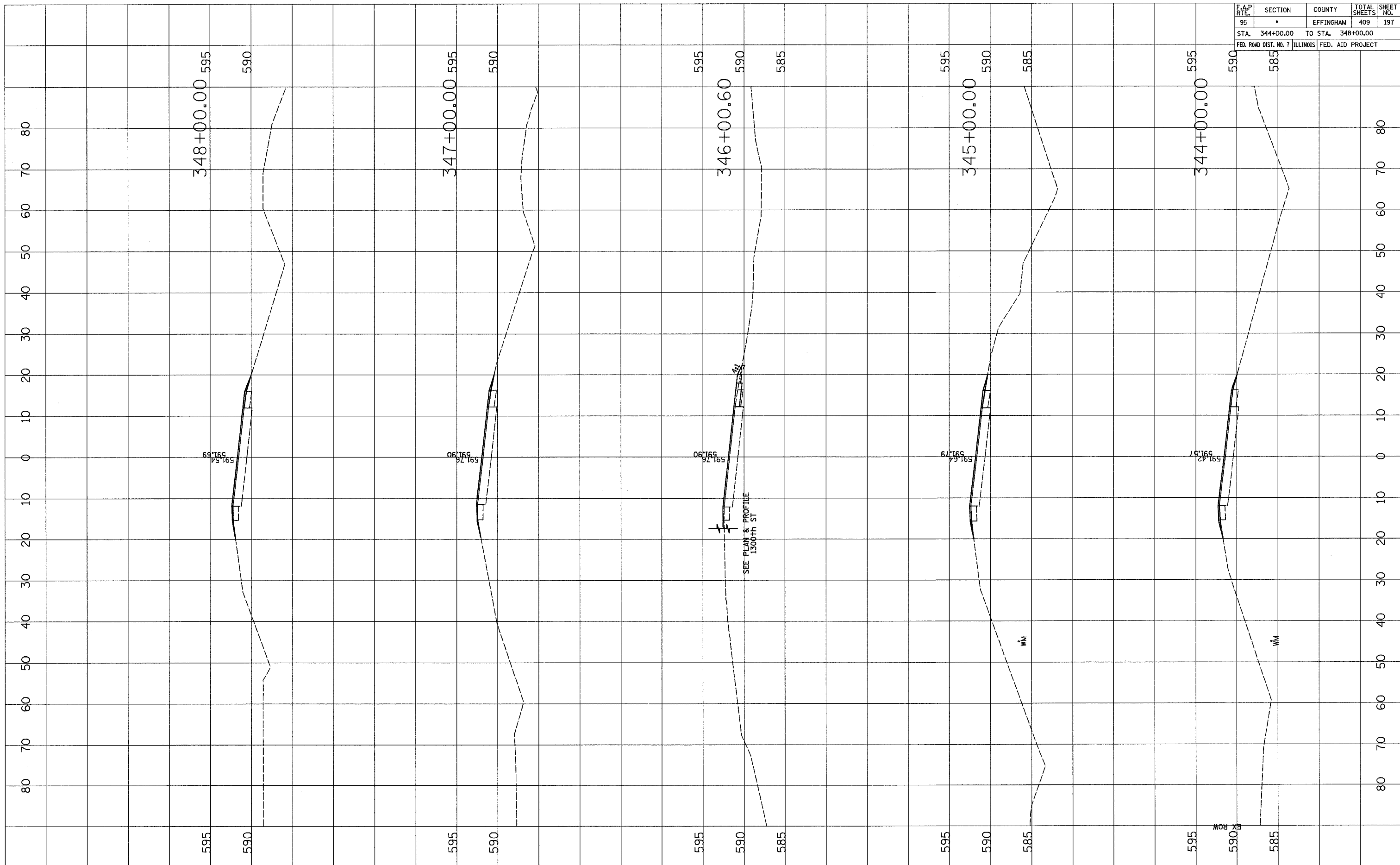
FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	DATE	
	AREAS CHECKED	

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	•	EFFINGHAM	409	197
STA. 344+00.00		TO STA. 348+00.00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

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

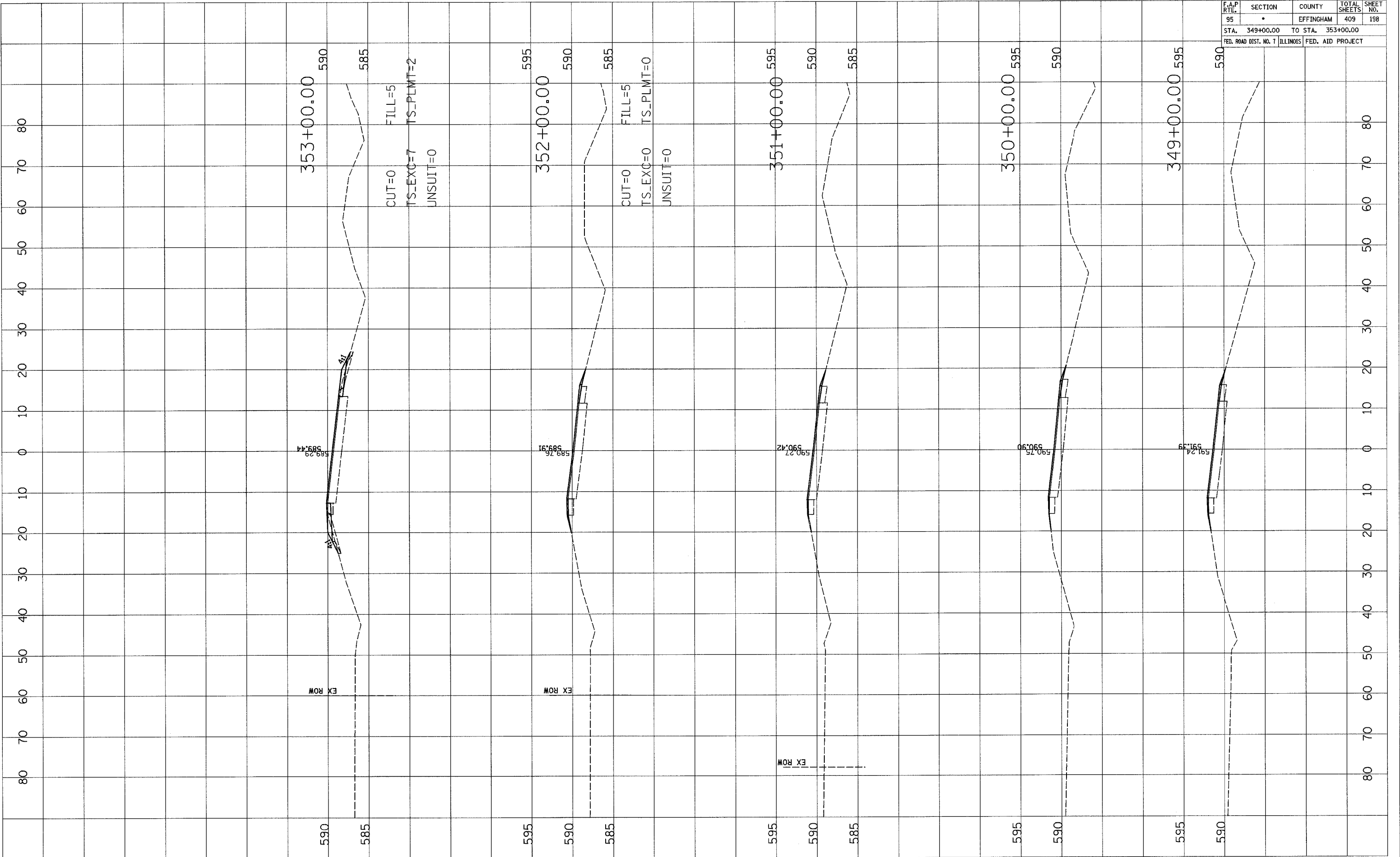
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	DATE		
	AREAS CHECKED		



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	198
STA. 349+00.00		TO STA. 353+00.00		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

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

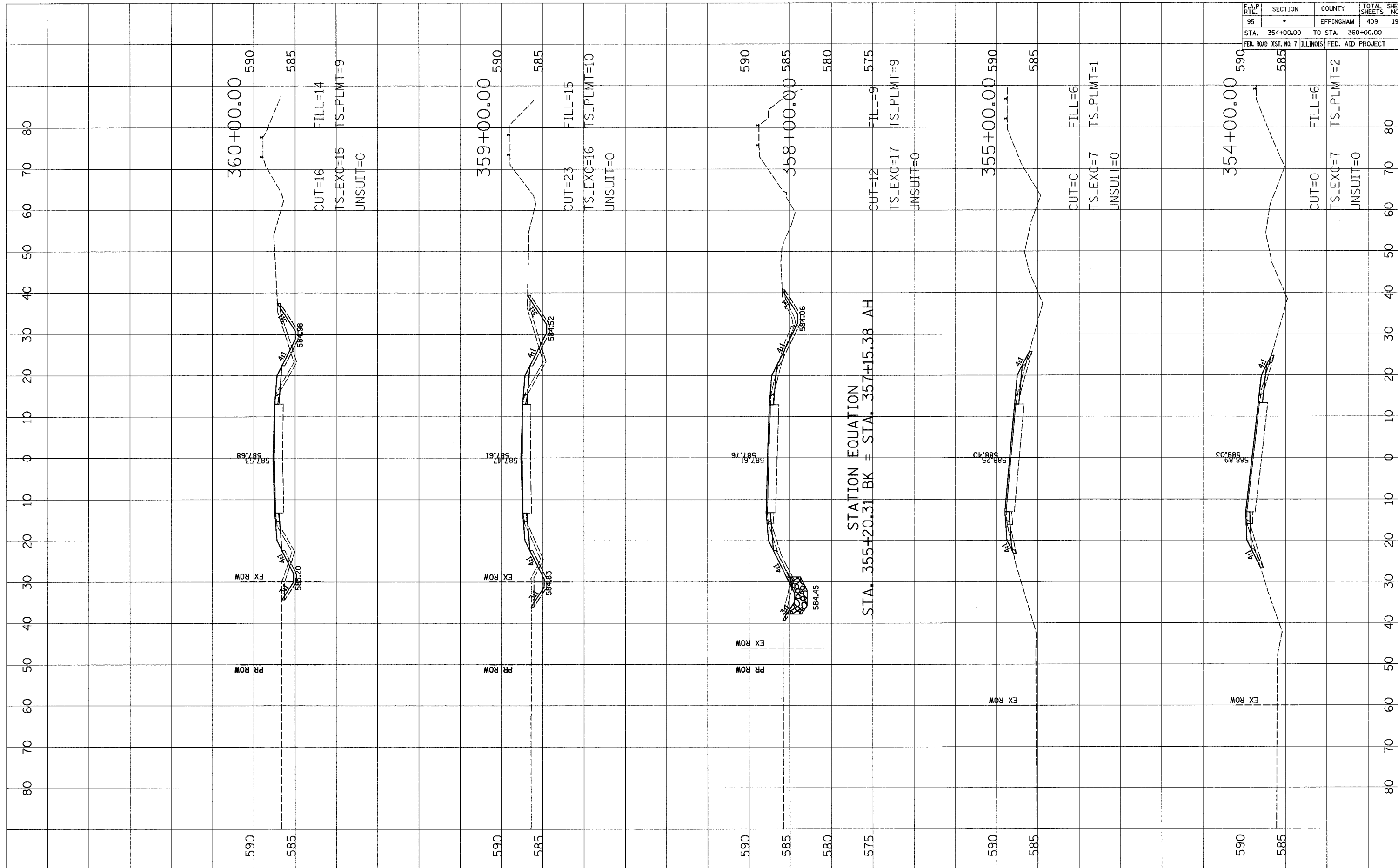
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	DATE		
	AREAS CHECKED		



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	•	EFFINGHAM	409	199
STA. 354+00.00		TO STA. 360+00.00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

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

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



F.A.P. RATE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	200
STA. 361+00.00		TO STA. 365+00.00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

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

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

