

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774		EFFINGHAM	273	101

SHEET NO. 13  
OF 14 SHEETS

FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT  
• 107WRS-1, 107BY, 107BY-1 & 107B-2  
CONTRACT NO. 94827

ILLINOIS DEPARTMENT OF TRANSPORTATION  
Testing Service Corporation  
STRUCTURE BORING LOG

Page 1 of 1  
Date 7/15/02

ROUTE FAP 774 (IL 32/33) DESCRIPTION Northwest of Ford Avenue, Effingham, Illinois  
SECT. 107WRS-1 STRUCT. NO. DRILLED BY B. Williamson  
COUNTY Effingham LOCATION Douglas Township S. 18, TWP. T8N, RNG. R6E

Boring No.	Station	Offset	Surface Elev.	DEPTH	SOIL TYPE	QU	W	Surface Water Elev.	Groundwater Elev. when drilling	Groundwater Elev. at Completion
B-106	1027+98	70.00ft Lt	587.14 ft						DRY	DRY
				5	P 9	4.5+		581.14		
				6	S 14					
				11						
			584.14					558.64		
				5	S 14	6.1				
				7						
				8						
			581.14					556.14		
				2	S 14	4.1				
				5						
				8						
				7	P 9	4.5+		553.64		
				17						
				17						
				7	P 8					
				16						
				19						
				8	S 8	6.8				
				16						
				22						
			572.14							
				7	P 9	4.5+				
				19						
				24						
				11	S 7					
				30						
				46						
				14						
				25						
				32						
				13						
				29						
				44						

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet

Testing Service Corporation  
STRUCTURE ROCK CORING LOG

Page 1 of 1  
Date 7/15/02

ROUTE FAP 774 (IL 32/33) DESCRIPTION Northwest of Ford Avenue, Effingham, Illinois  
SECT. 107WRS-1 STRUCT. NO. DRILLED BY B. Williamson  
COUNTY Effingham

Boring No. B-106 Core Type NX Core Barrel  
Station 1027+98 Core Diameter 2.34 in  
Offset 70.00ft Lt Core Length 20 ft  
Surface Elev. 587.14 ft

Top Elev. ft	Coring Notes and Rock Description	Core Run (#)	RECOVERY (%)	ROQ (%)	CORE TIME (Min/ft)	COMP. STRNGTH (tsf)
547.14	Gray SANDSTONE with interbedded SHALE	1	95	45	2.5	
-45.0						
537.14	Gray SANDSTONE with interbedded SHALE	2	97	66	3	201
-55.0						
527.14						253
-60.0						

End of Boring at 80.0'  
Color pictures of the cores  
Cores will be stored for examination until

ILLINOIS DEPARTMENT OF TRANSPORTATION  
Testing Service Corporation  
STRUCTURE BORING LOG

Page 1 of 1  
Date 7/16/02

ROUTE FAP 774 (IL 32/33) DESCRIPTION Northwest of Ford Avenue, Effingham, Illinois  
SECT. 107WRS-1 STRUCT. NO. DRILLED BY B. Williamson  
COUNTY Effingham LOCATION Douglas Township S. 18, TWP. T8N, RNG. R6E

Boring No.	Station	Offset	Surface Elev.	DEPTH	SOIL TYPE	QU	W	Surface Water Elev.	Groundwater Elev. when drilling	Groundwater Elev. at Completion
B-107	1027+52	70.00ft Lt	587.38 ft						DRY	DRY
				7	P 8	4.5+		584.38		
				12						
				16						
			584.38					558.38		
				4	S 20	6.4				
				5						
				7						
			581.38					553.88		
				2	P 12	3.75				
				4						
				8						
			578.88					553.88		
				1						
				4						
				8						
			578.88					553.88		
				1						
				4						
				8						
			578.38					553.88		
				13						
				30						
				34						
			573.88					549.38		
				7	P 8	4.5+				
				17						
				34						
			571.88					547.38		
				13						
				31						
				42						
				18						
				37						
				50						
			566.38					547.38		
				5	B 11	7.0				
				7						
				12						
				6	P 6					
				9						
				15						
			562.38					547.38		
				6	P 6					
				9						
				15						

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet

SOIL BORINGS LOGS  
ILLINOIS ROUTE 32/33  
F.A.P. ROUTE 774  
SECTION 107 WRS-1, 107BY,  
107BY-1 & 107B-2  
EFFINGHAM COUNTY  
RETAINING WALL  
STA. 1026+03.00 LT. TO STA. 1033+86.00 LT.  
STRUCTURE NUMBER 025-W008

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	*	EFFINGHAM	273	102
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
* 107WRS-1, 107BY, 107BY-1 & 107B-2				
CONTRACT NO. 94827				

SHEET NO. 14  
OF 14 SHEETS

Testing Service Corporation  
STRUCTURE ROCK CORING LOG

Page 1 of 1  
Date 7/16/02

ROUTE FAP 774 (IL 32/33) DESCRIPTION Northwest of Ford Avenue, Effingham, Illinois  
SECT. 107WRS-1 STRUCT. NO. \_\_\_\_\_ DRILLED BY B. Williamson  
COUNTY Effingham

Boring No. B-107 Core Type NX Core Barrel  
Station 1027+52 Core Diameter 2.34 in  
Offset 70.00ft Lt Core Length 20 ft

Surface Elev. 587.38 ft

Top Elev. ft	Coring Notes and Rock Description	Core Run (#)	RECOVERY (%)	RQD (%)	CORE TIME (Min/ft)	COMP. STRNGTH (tsf)
547.38	Gray SANDSTONE with interbedded SHALE	1	99	43	3	
						202
537.38	Gray SANDSTONE with interbedded SHALE	2	95	51	3	
						188
527.38	End of Boring at 60.0'					

End of Boring at 60.0'

Color pictures of the cores \_\_\_\_\_

Cores will be stored for examination until \_\_\_\_\_

ILLINOIS DEPARTMENT OF TRANSPORTATION  
Testing Service Corporation  
STRUCTURE BORING LOG

Page 1 of 1  
Date 7/16/02

ROUTE FAP 774 (IL 32/33) DESCRIPTION Northwest of Ford Avenue, Effingham, Illinois  
SECT. 107WRS-1 STRUCT. NO. \_\_\_\_\_ DRILLED BY B. Williamson  
COUNTY Effingham LOCATION Douglas Township S. 18 TWP. T8N , RNG. R6E

Boring No. B-108 Station 1025+96 Offset 59.00ft Lt  
Surface Elev. 559.22 ft  
Surface Water Elev. \_\_\_\_\_  
Groundwater Elev. when drilling at Completion 545.7 after \_\_\_\_\_ Hrs. \_\_\_\_\_

Depth (ft)	Blow Count (N)	Penetration (P)	Shear (S)	Bulge (B)
7	7			
8	4.5+			
11				
8	9			
8	4.5+			
12				
8	10			
11	4.5+			
13				
6	11			
10	4.8			
15				
10	11			
12				
14				
17				
17				
15				
23	12			
41				
50.3"				
50.9"	9			
539.22	20			

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet

Testing Service Corporation  
STRUCTURE ROCK CORING LOG

Page 1 of 1  
Date 7/16/02

ROUTE FAP 774 (IL 32/33) DESCRIPTION Northwest of Ford Avenue, Effingham, Illinois  
SECT. 107WRS-1 STRUCT. NO. \_\_\_\_\_ DRILLED BY B. Williamson  
COUNTY Effingham

Boring No. B-108 Core Type NX Core Barrel  
Station 1025+96 Core Diameter 2.34 in  
Offset 59.00ft Lt Core Length 10 ft

Surface Elev. 559.22 ft

Top Elev. ft	Coring Notes and Rock Description	Core Run (#)	RECOVERY (%)	RQD (%)	CORE TIME (Min/ft)	COMP. STRNGTH (tsf)
539.22	Gray SANDSTONE with interbedded SHALE	1	93	40	2.5	
						158
529.22	End of Boring at 30.0'					

Color pictures of the cores \_\_\_\_\_

Cores will be stored for examination until \_\_\_\_\_

SOIL BORINGS LOGS  
ILLINOIS ROUTE 32/33  
F.A.P. ROUTE 774  
SECTION 107 WRS-1, 107BY,  
107BY-1 & 107B-2  
EFFINGHAM COUNTY  
RETAINING WALL  
STA. 1026+03.00 LT. TO STA. 1033+86.00 LT.  
STRUCTURE NUMBER 025-W008

## EROSION CONTROL GENERAL NOTES

### DESCRIPTION OF STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION:

- 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:
  - 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.
  - DEAD, DISEASED, OR UNSUITABLE VEGETATION WITHIN THE SITE SHALL BE REMOVED AS DIRECTED BY THE ENGINEER, ALONG WITH REQUIRED TREE REMOVAL.
  - 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.
  - 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.
  - 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.
  - 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:

- 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.
  - 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.
  - EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS.
  - AS THE CONTRACTOR CONSTRUCTS A PORTION OF ROADWAY IN A FILL SECTION, HE/SHE SHALL FOLLOW THE FOLLOWING STEPS AS DIRECTED BY THE ENGINEER:
    - PLACE TEMPORARY EROSION CONTROL SYSTEMS AT LOCATIONS WHERE WATER LEAVES AND RETURNS FROM CONSTRUCTION ZONE.
    - TEMPORARILY SEED HIGHLY ERODABLE AREAS OUTSIDE THE CONSTRUCTION SLOPE LIMITS.
    - CONSTRUCT ROADSIDE DITCHES AND PROVIDE TEMPORARY EROSION CONTROL SYSTEMS.
    - TEMPORARILY DIVERT WATER AROUND PROPOSED CULVERT LOCATIONS.
    - BUILD NECESSARY EMBANKMENTS AT CULVERT LOCATIONS AND THEN EXCAVATE AND PLACE CULVERT.
    - 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.
  - 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.
  - 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.
  - 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.
  - 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.
  - 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:

- 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.
- ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONING AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP, AND DISTURBED TURF RESEEDED.

STA.	QUANTITY (EACH)	
	LT	RT
942+50.00		1
945+50.00	1	
951+00.00	1	
951+50.00		1
952+00.00	1	
956+50.00		1
958+50.00	1	
961+50.00		1
966+00.00		1
966+25.00	1	
967+75.00	1	
968+00.00		1
968+75.00	1	
971+50.00		1
974+00.00	1	
976+00.00	1	
978+00.00	1	
980+00.00	1	
982+60.00	1	1
983+00.00	1	1
983+40.00	1	1
983+80.00	1	1
984+20.00	1	1
984+60.00	1	1
985+00.00	1	1
985+40.00	1	1
985+80.00	1	1
986+20.00	1	1
986+60.00	1	1
987+00.00	1	1
987+40.00	1	1
987+80.00	1	1
988+20.00	1	1
988+60.00	1	1
989+00.00	1	1
989+40.00	1	1
989+80.00	1	1
990+20.00	1	1
990+60.00	1	1
991+00.00		1
991+80.00	1	1
992+20.00	1	1
992+60.00	1	1
SUB-TOTAL	34	33

STA.	QUANTITY (EACH)	
	LT	RT
993+00.00	1	1
993+50.00	1	1
994+00.00	1	1
994+50.00	1	1
995+00.00	1	1
995+50.00	1	1
996+00.00	1	1
996+50.00	1	1
998+00.00	1	1
1002+00.00	1	
1006+00.00	1	1
1010+00.00		1
1020+50.00	1	1
1021+00.00	1	1
1021+50.00	1	
1022+50.00	1	
1022+75.00		1
1023+50.00		1
1024+00.00	1	1
1024+50.00	1	
1025+00.00		1
1025+50.00		1
1026+00.00	1	
1026+50.00		1
1034+46.00	1	
1034+60.00	1	
1034+70.00		1
1034+71.00	1	
1034+80.00		1
1034+90.00		1
1034+92.00	1	
1035+00.00		1
1035+05.00	1	
1035+10.00		1
1035+19.00	1	
1035+20.00		1
1035+30.00		1
1035+32.00	1	
1035+40.00		1
1035+46.00	1	
1035+50.00		1
1035+58.00	1	
1035+60.00		1
1035+70.00		1
1035+71.00	1	
1035+80.00		1
1035+83.00	1	
1035+90.00		1
1035+96.00	1	
1036+18.00	1	
1036+33.00	1	
1036+47.00	1	
1036+62.00	1	
1036+74.00	1	
1036+87.00	1	
1037+00.00	1	
1037+25.00		1
1038+00.00	1	
1038+50.00		1
1039+00.00	1	
1039+75.00		1
240+75.00	1	1
90+75.00		1
90+80.00	1	
91+20.00	1	1
203+50.00	1	1
206+00.00	1	1
211+16.00		1
211+24.00	1	
SUB-TOTAL	45	42
TOTAL	154	

INLET AND PIPE PROTECTION		
STATION	OFFSET	QUANTITY (EACH)
951+32.00	RT	1
953+52.00	LT	1
956+18.00	RT	1
958+39.00	LT	1
967+07.00	RT	1
968+07.00	LT	1
968+12.00	LT	1
969+72.00	LT	1
981+85.00	LT	1
990+96.00	LT	1
991+10.00	RT	1
1010+27.00	RT	1
1013+20.00	RT	1
1017+60.00	RT	1
1020+16.00	RT	1
1021+95.00	RT	1
1022+39.00	LT	1
1034+77.00	LT	1
1036+03.00	LT	1
1037+36.00	LT	1
1038+57.00	RT	1
1038+57.00	RT	1
41+14.00	LT	1
41+99.00	RT	1
42+67.00	RT	1
43+41.00	RT	1
43+42.00	RT	1
45+94.00	RT	1
83+92.00	RT	1
202+55.00	RT	1
TOTAL	30	

PERIMETER EROSION BARRIER (SILT FENCE)		
STATION	LT	RT
951+25.00	15'	
951+50.00	15'	
969+00.00		15'
969+25.00		15'
978+00.00-982+00.00		400'
1010+25.00	15'	
1011+00.00		15'
1013+00.00-1016+00.00		310'
1012+90.00-1014+50.00	170'	
1015+50.00-1016+00.00	50'	
1016+00.00-1017+40.00		150'
1016+00.00-1017+80.00	190'	
1019+75.00-1020+75.00	100'	
1019+75.00-1020+40.00		65'
1031+32.00	15'	15'
1036+00.00	15'	15'
1200th AVE 203+70.00	15'	15'
1200th AVE 205+00.00	15'	15'
SUB-TOTAL	585'	1,030'
TOTAL	1615'	

EROSION CONTROL BLANKET			
STATION TO STATION	OFFSET	LENGTH (FEET)	
1026+03.00	1033+00.00	LT	1,000

(SEE DITCH RIPRAP SCHEDULE AND DETAILS, SHEET 23, FOR REMAINING QUANTITIES)

FOR RIPRAP STILLING BASIN SCHEDULE AND DETAILS, SEE SHEET 24

FOR PERMANENT DITCH RIPRAP SCHEDULE AND DETAILS, SEE SHEET 23

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

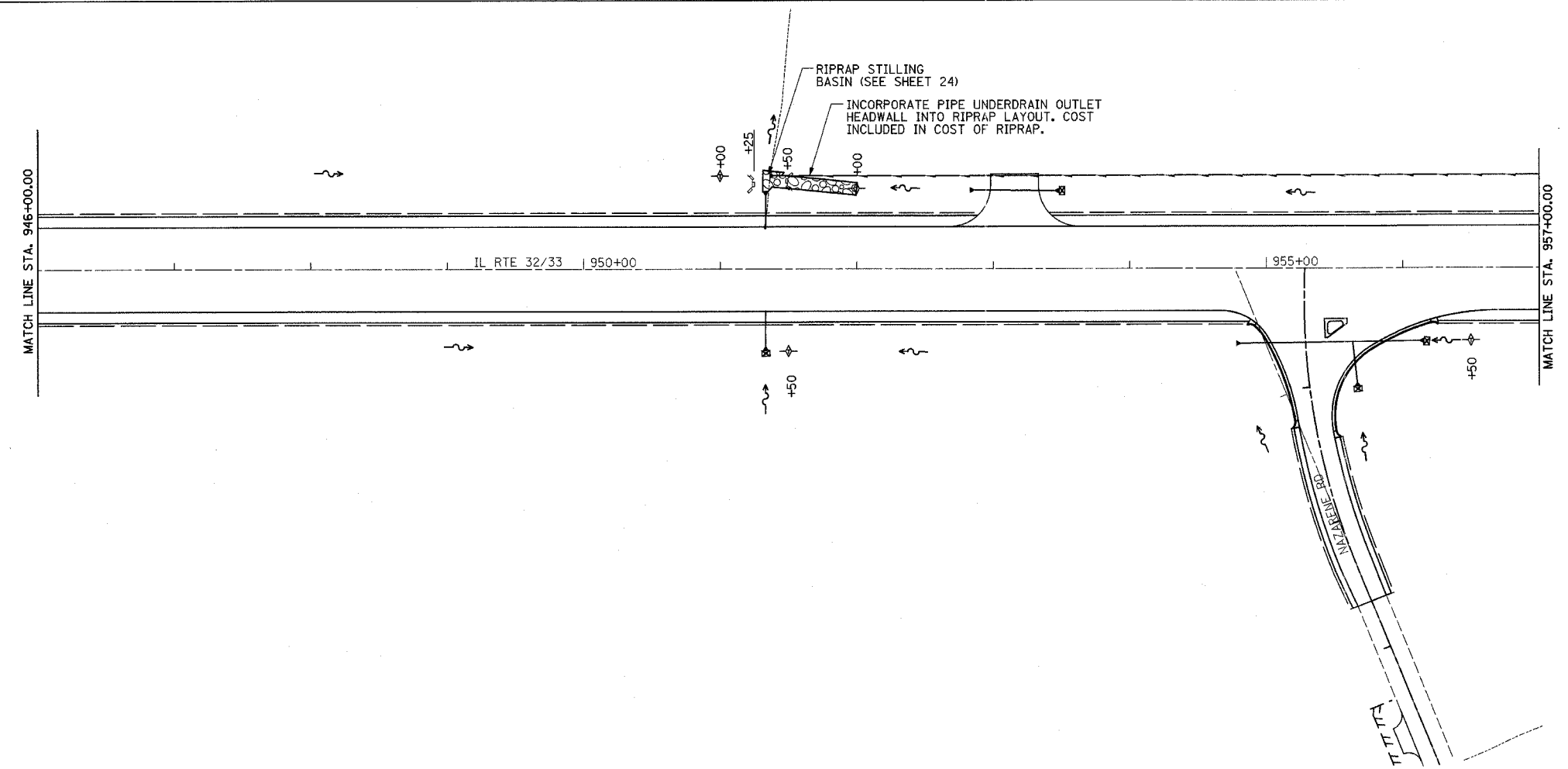
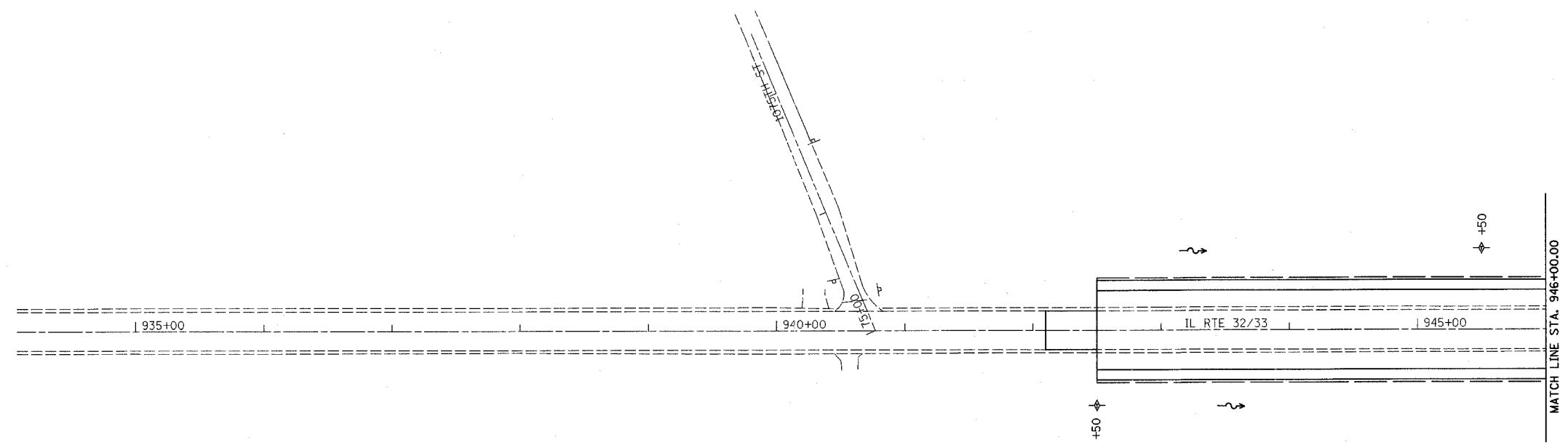
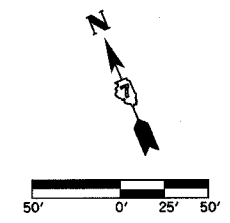
EROSION CONTROL PLAN  
GENERAL NOTES & SCHEDULES  
SHEET 1 OF 6

DATE 8/02

DRAWN BY MLO

CHECKED BY SJK

F.A.P. RTE. 774	SECTION *	COUNTY EFFINGHAM	TOTAL SHEETS 273	SHEET NO. 104
FED. ROAD DIST. NO. 7 ILLINOIS		FED. AID PROJECT		
*107WRS-1, 107BY, 107BY-1 & 107B-2				
CONTRACT NO. 94827				



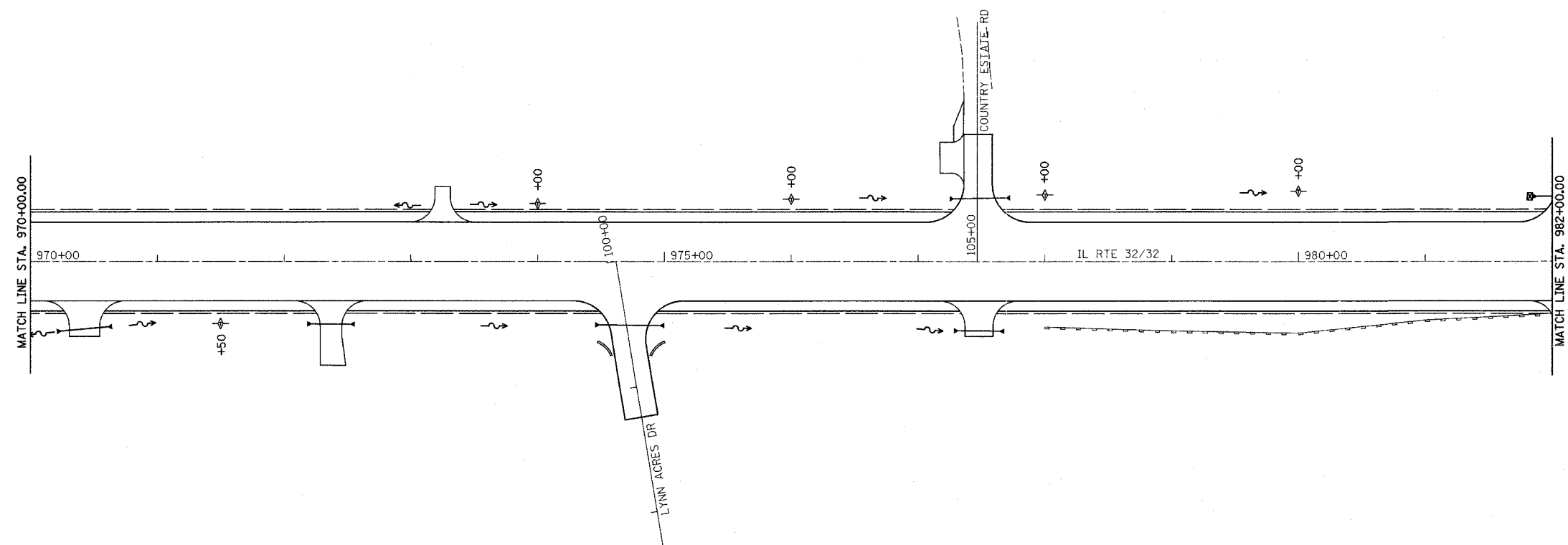
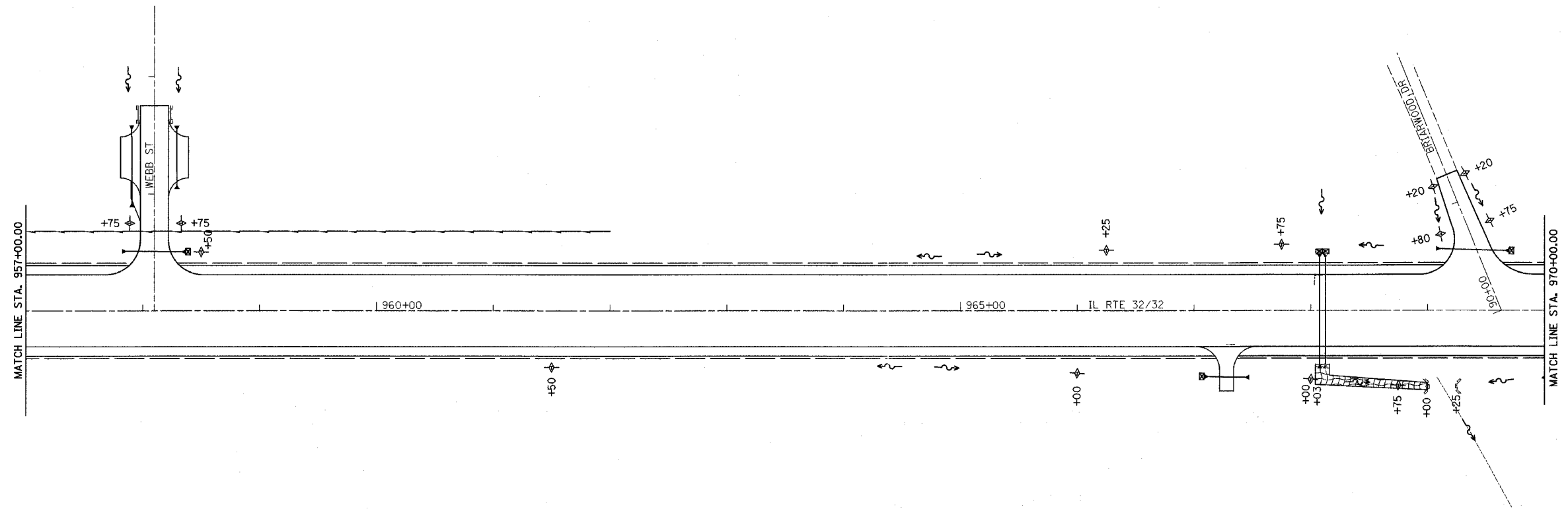
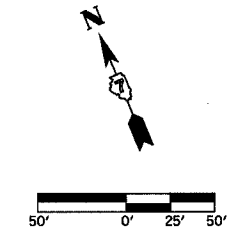
**LEGEND**

- ▣ INLET AND PIPE PROTECTION
- ⊕ TEMPORARY DITCH CHECKS
- PERIMETER EROSION BARRIER
- ▨ EROSION CONTROL BLANKET
- ▩ STONE RIPRAP CLASS A4 OR GABIONS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
 SHEET 2 OF 6  
 DATE 8/02  
 DRAWN BY ASB  
 CHECKED BY SJK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	*	EFFINGHAM	273	105
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
*107WRS-1, 107BY, 107BY-1 & 107B-2 CONTRACT NO. 94827				



**LEGEND**

- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECKS
- PERIMETER EROSION BARRIER
- EROSION CONTROL BLANKET
- STONE RIPRAP CLASS A4 OR GABIONS

REVISIONS	
NAME	DATE

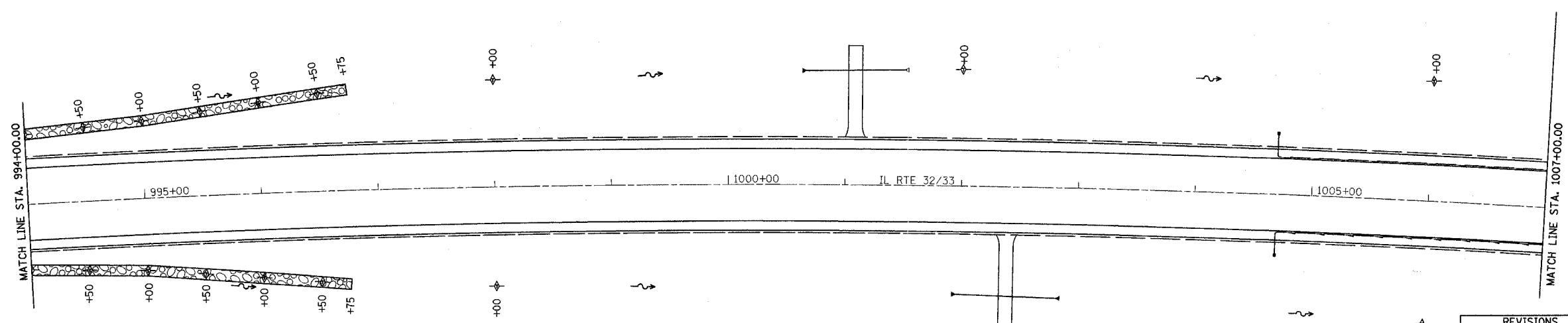
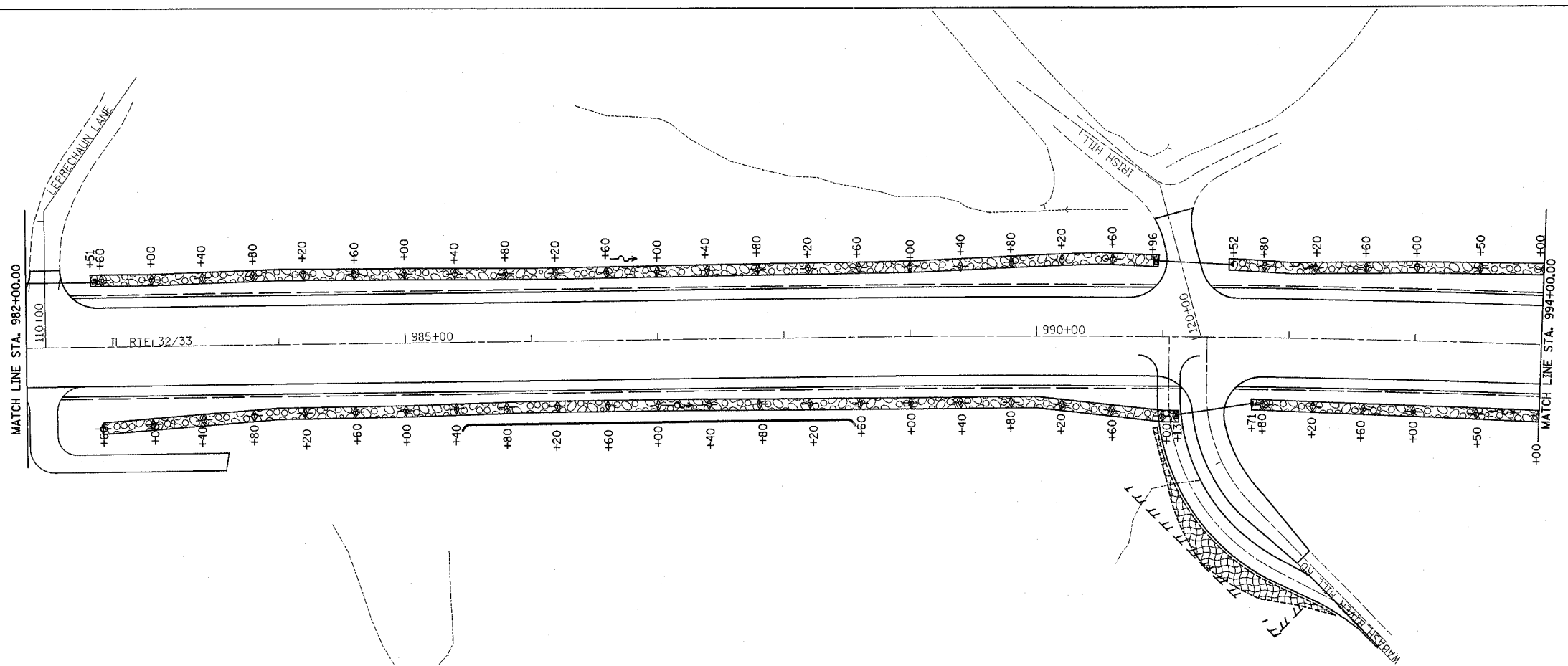
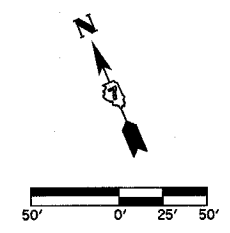
ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN  
SHEET 3 OF 6

DATE 8/02

DRAWN BY ASB  
CHECKED BY SJK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774		EFFINGHAM	273	106
FED. ROAD DIST. NO. 7 ILLINOIS		FED. AID PROJECT		
*107WRS-1, 107BY, 107BY-1 & 107B-2 CONTRACT NO. 94827				



**LEGEND**

- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECKS
- PERIMETER EROSION BARRIER
- EROSION CONTROL BLANKET
- STONE RIPRAP CLASS A4 OR GABIONS

REVISIONS	
NAME	DATE

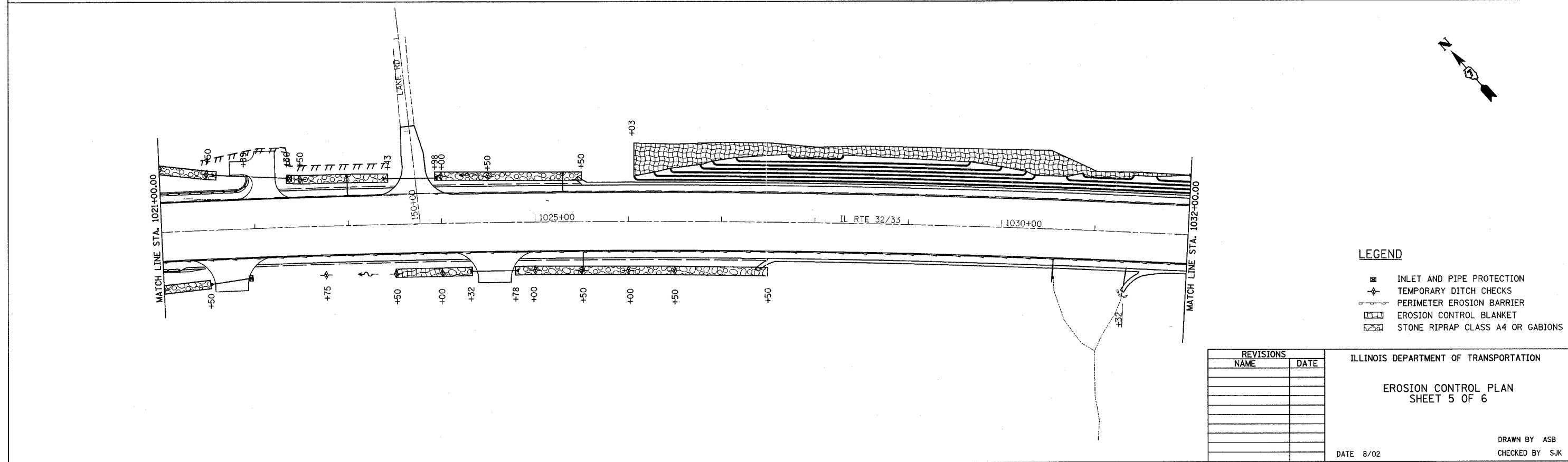
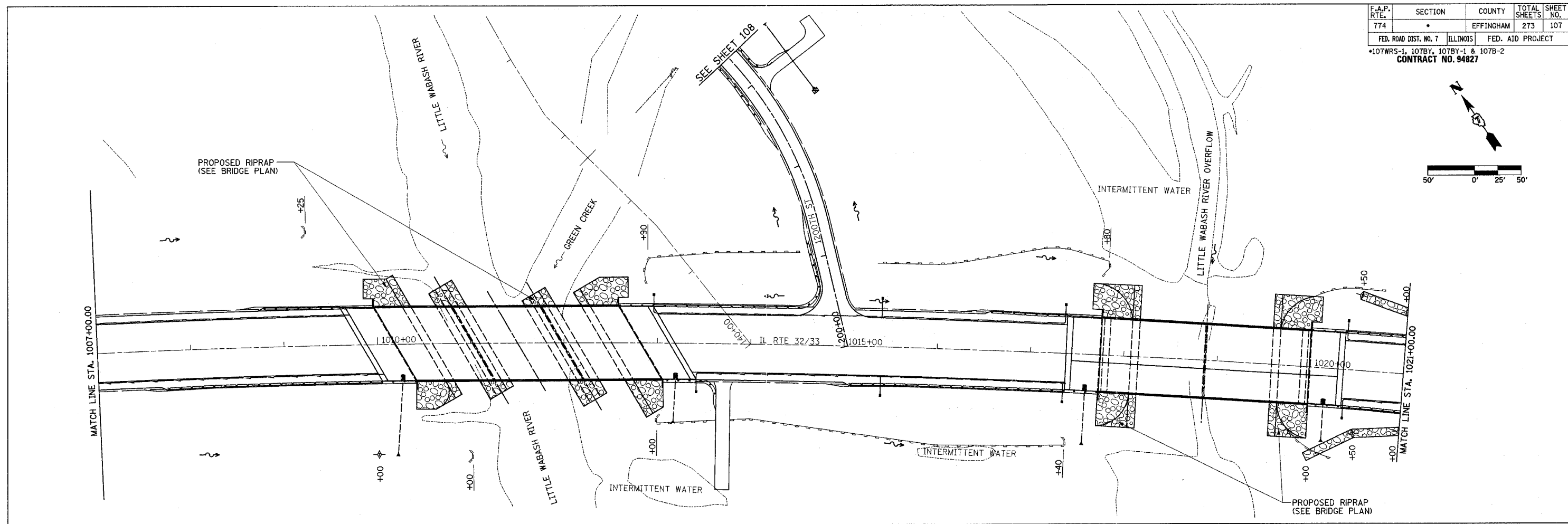
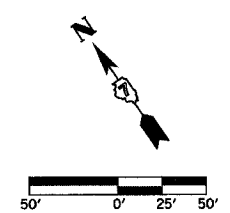
ILLINOIS DEPARTMENT OF TRANSPORTATION

**EROSION CONTROL PLAN  
SHEET 4 OF 6**

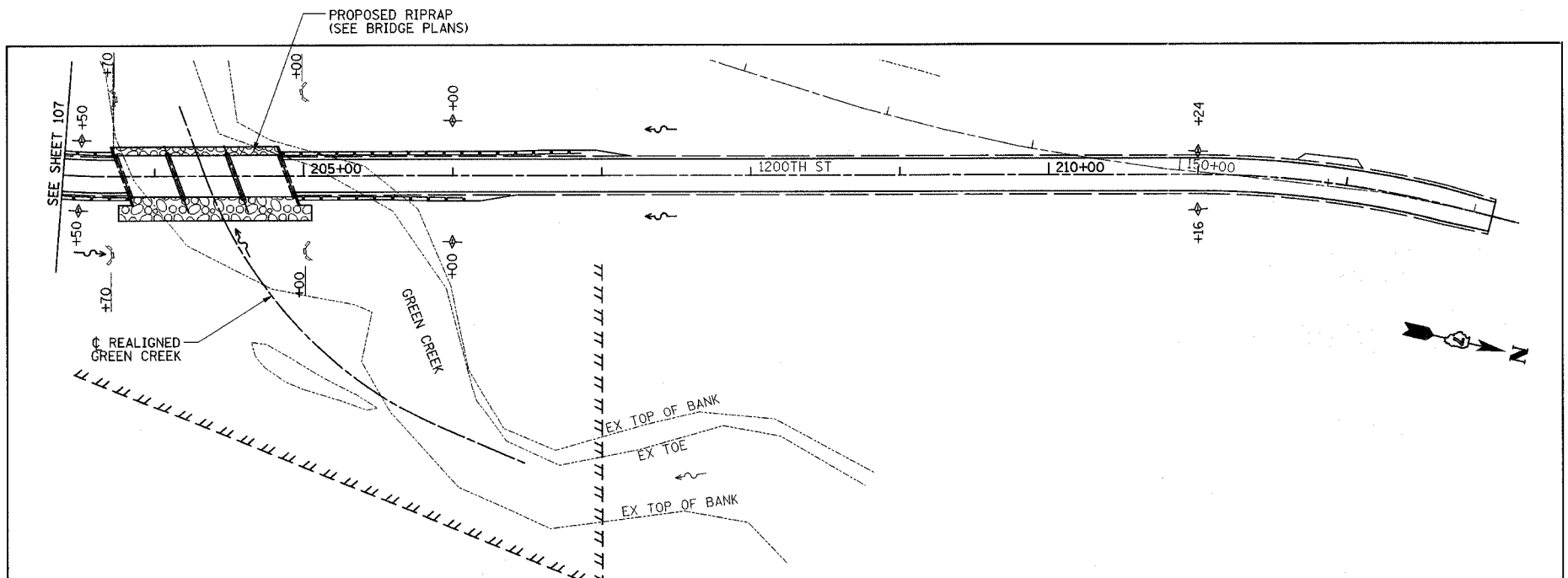
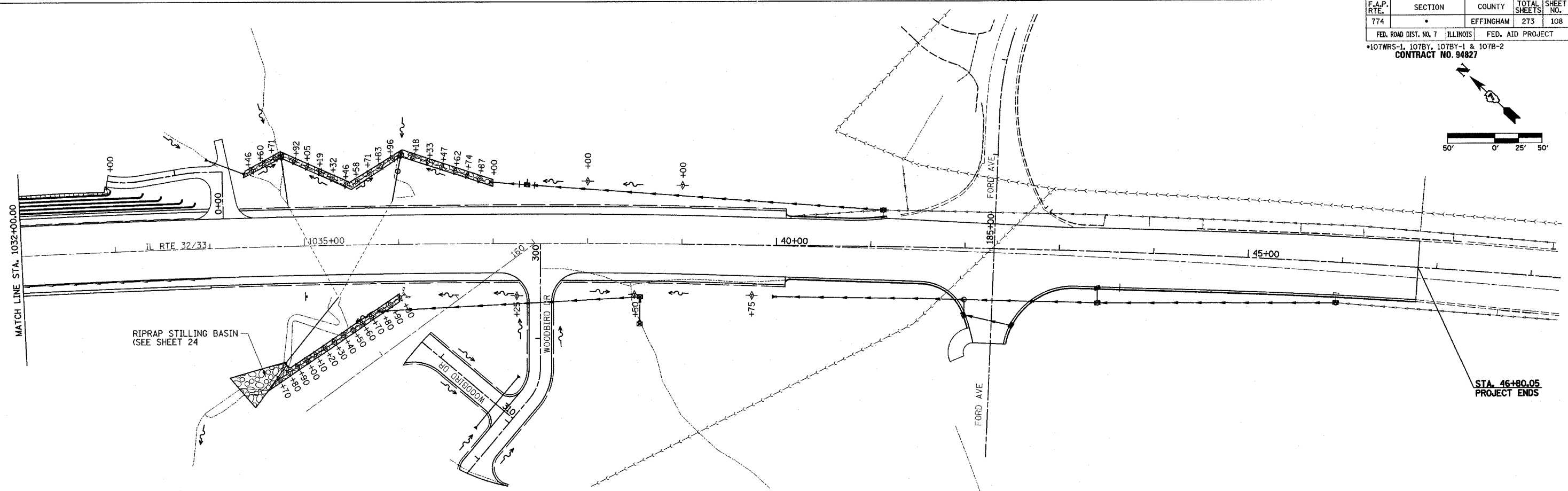
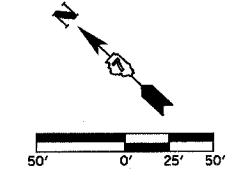
DATE 8/02

DRAWN BY ASB  
CHECKED BY SJK

F.A.P. RTE. 774	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		EFFINGHAM	273	107
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
*107WRS-1, 107BY, 107BY-1 & 107B-2				
CONTRACT NO. 94827				



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774		EFFINGHAM	273	108
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
*107WRS-1, 107BY, 107BY-1 & 107B-2				
CONTRACT NO. 94827				



**LEGEND**

- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECKS
- PERIMETER EROSION BARRIER
- EROSION CONTROL BLANKET
- STONE RIPRAP CLASS A4 OR GABIONS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN  
SHEET 6 OF 6

DATE 8/02

DRAWN BY ASB  
CHECKED BY SJK

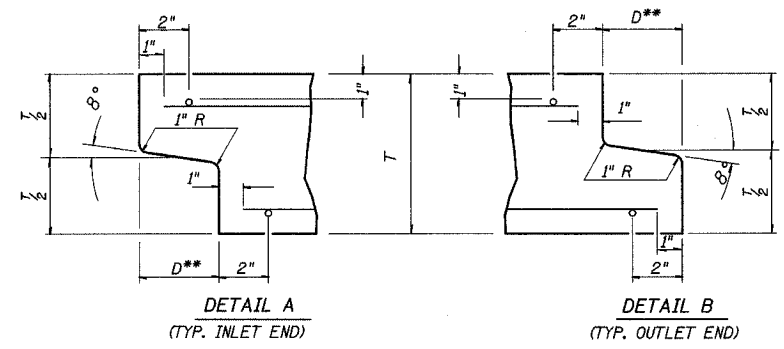


1 2 3 4 5 6 7 8 9 \$\$\$DATE\$\$\$  
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 19 20 21 22 23 24 25 26 27 \*MMO REV: MMO  
 28 29 30 31 32 33 34 35 36 E C 8 5 0  
 37 38 39 40 41 42 43 44 45  
 46 47 48 49 50 51 52 53 54  
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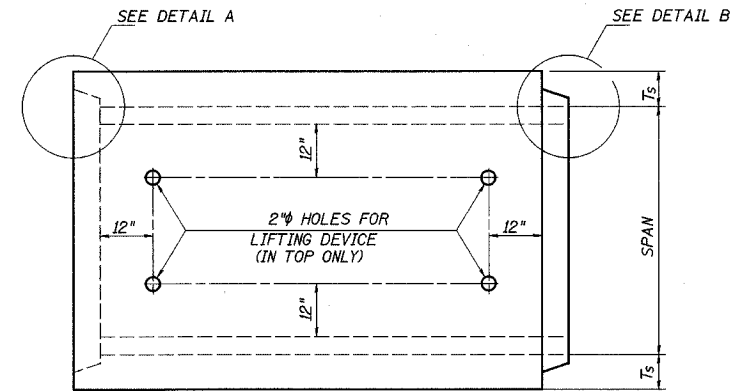
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	*	EFFINGHAM	273	109
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
* 107WRS-1, 107BY, 107BY-1 & 107B-2				
CONTRACT NO. 94827				

# 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



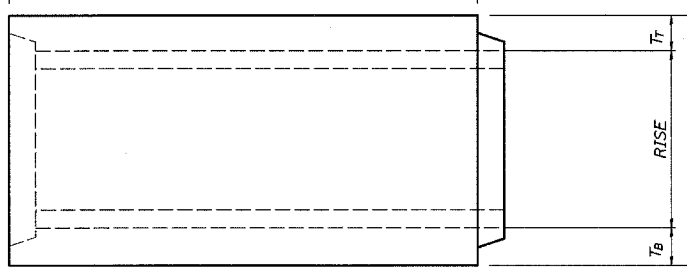
\*\* THE D DIMENSION SHALL CONFORM TO THE MANUFACTURER'S STANDARDS.



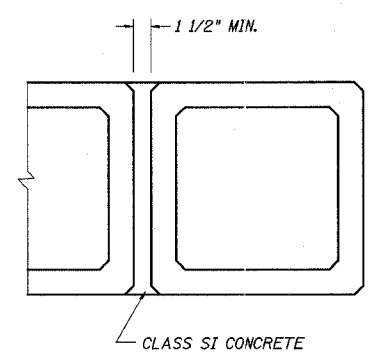
**PLAN**  
 LOCATION OF LIFTING HOLES MAY BE VARIED AS NEEDED TO CLEAR REINFORCEMENT.

SECTION LENGTH

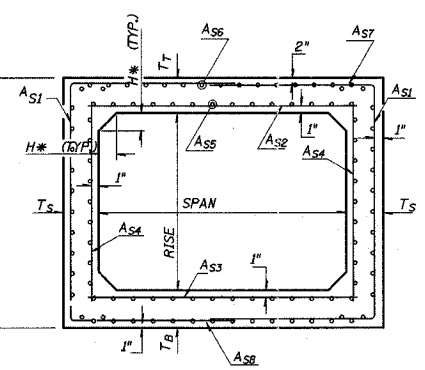
WHEN EXTENDING AN EXISTING BOX, PLACE THIS END AGAINST THE EXISTING HEADWALL.



**ELEVATION**



CLASS SI CONCRETE  
 MULTIPLE UNIT PLACEMENT



**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(G) 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(G) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- THE TERMS A\_s1, A\_s8, 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, M42, OR M53, 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.
- THE P.C.C. PAVEMENT PATCH REINFORCED WITH PAVEMENT FABRIC (STANDARD 42070D) 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 <sub>T</sub>	T <sub>B</sub>	T <sub>S</sub>
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
7x4	8	8	8
7x5	8	8	8
7x6	8	8	8
7x7	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

PRECAST CONCRETE BOX CULVERT DETAILS SHEET 1 OF 3

DATE REVISED: 05/28/99

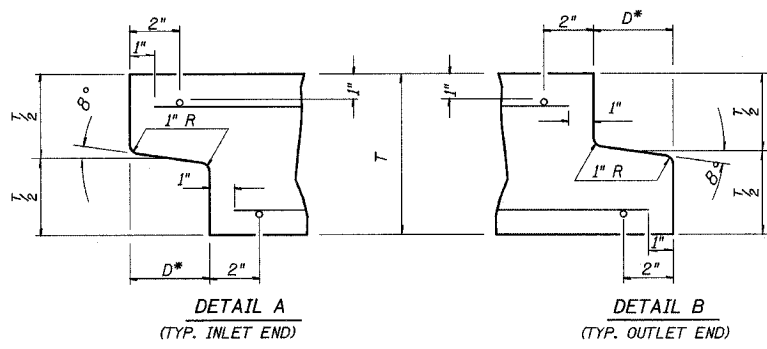
DRAWN BY DIST. 7  
 CHECKED BY BWC

1 2 3 4 5 6 7 8 9 \$\$\$DATE\$\$\$  
 10 11 12 13 14 15 16 17 18 \*DGN-SPEC\*  
 19 20 21 22 23 24 25 26 27 \*MMO REV: MMO  
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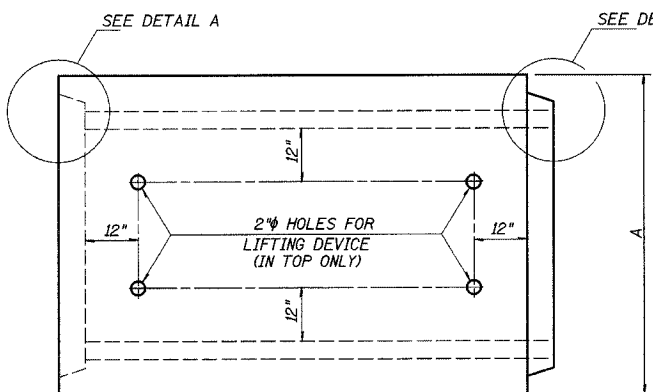
# DETAIL OF PRECAST CONCRETE BOX CULVERT M259

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

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



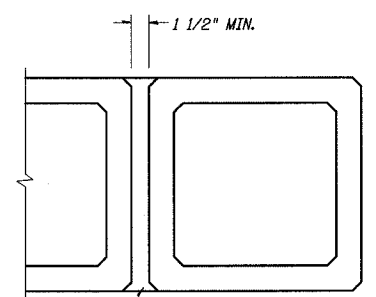
\* THE D DIMENSION SHALL CONFORM TO THE MANUFACTURER'S STANDARDS.



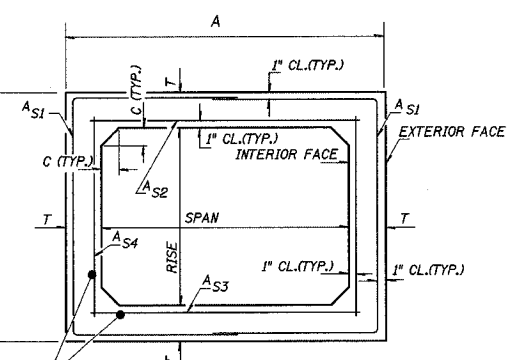
PLAN  
 LOCATION OF LIFTING HOLES MAY BE VARIED AS NEEDED TO CLEAR REINFORCEMENT.

SECTION LENGTH

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



CLASS SI CONCRETE  
 MULTIPLE UNIT PLACEMENT



LONGITUDINAL REINFORCEMENT  
 CROSS SECTION

**GENERAL NOTES**

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

CULVERT SIZE	DIMENSIONS			
	T (INCHES)	A FT-IN	B FT-IN	C (INCHES)
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
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
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

PRECAST CONCRETE BOX CULVERT DETAILS  
 SHEET 2 OF 3

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

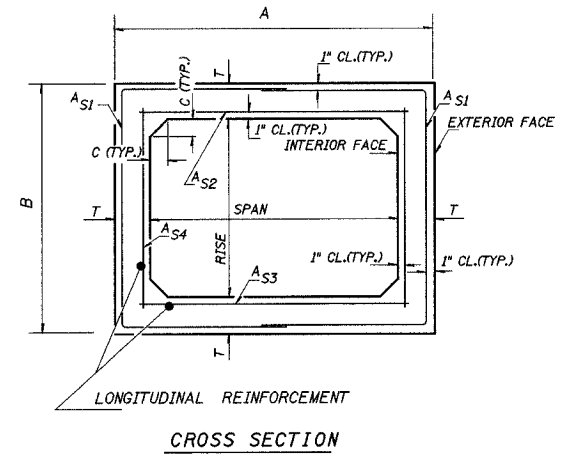
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 19 20 21 22 23 24 25 26 27 \*DGN-SPEC\*  
 28 29 30 31 32 33 34 35 36 MMO REV: 05-28-99  
 37 38 39 40 41 42 43 44 45  
 46 47 48 49 50 51 52 53 54  
 55 56 57 58 59 60 61 62 63

END

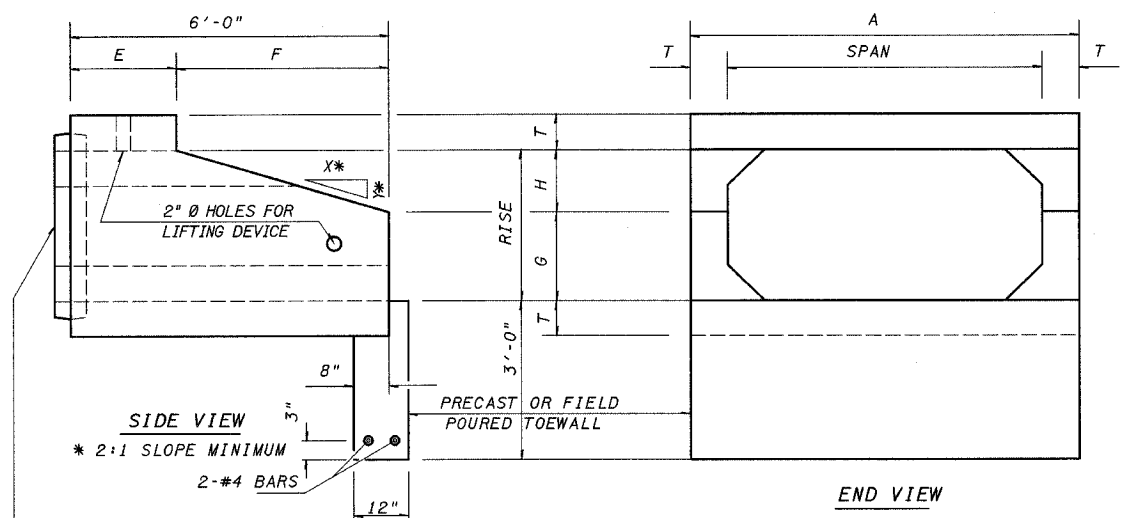
# DETAIL OF PRECAST CONCRETE BOX CULVERT END SECTION

AASHTO 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.



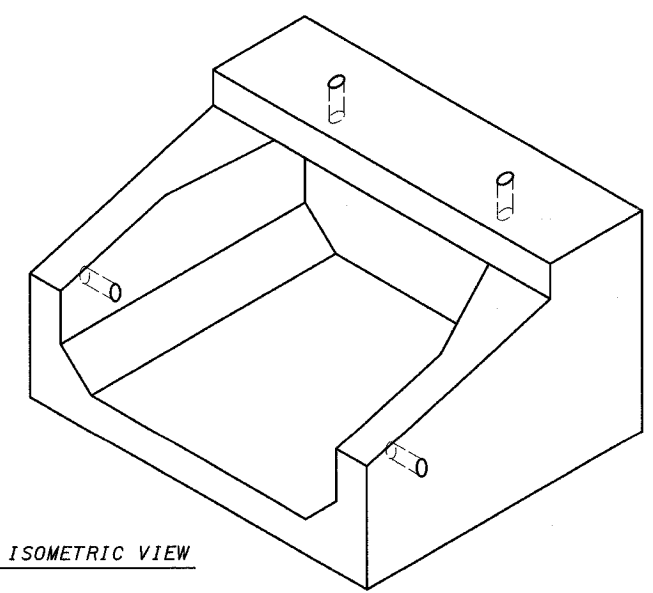
CROSS SECTION



SIDE VIEW

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

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	Y:X
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		
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	
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		
7x6	8	8-4	7-4	8			4-0	2-0		
7x7	8	8-4	8-4	8			5-0	2-0		
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		
8x6	8	9-4	7-4	8	2-0	4-0	4-0	2-0		
9x5	9	10-6	6-6	9	2-0	4-0	3-0	2-0		
9x6	9	10-6	7-6	9	2-0	4-0	4-0	2-0		

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<sub>S1</sub>, A<sub>S2</sub>, A<sub>S3</sub>, AND A<sub>S4</sub> 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.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	*	EFFINGHAM	273	111
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
* 107WRS-1, 107BY, 107BY-1 & 107B-2				
CONTRACT NO. 94827				

REVISIONS	
NAME	DATE

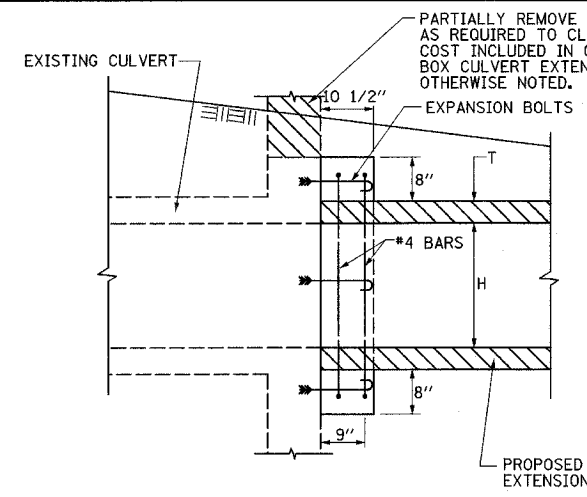
ILLINOIS DEPARTMENT OF TRANSPORTATION

PRECAST CONCRETE BOX CULVERT DETAILS  
 SHEET 3 OF 3

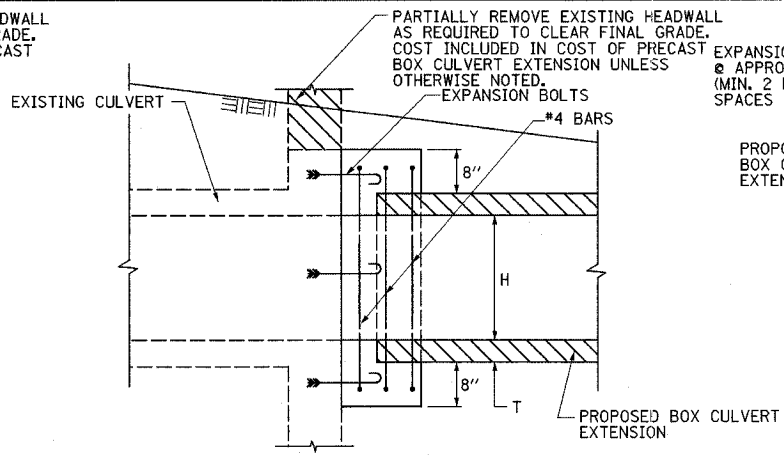
DATE REVISED: 05/28/99

DRAWN BY DIST. 7  
 CHECKED BY BWC

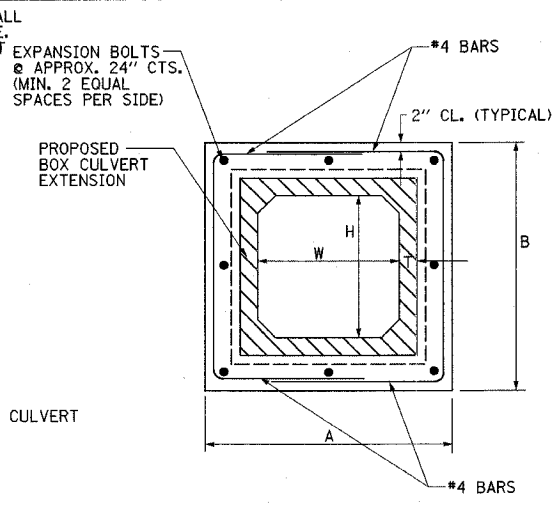
F.A.P. RTE. 774	SECTION *	COUNTY EFFINGHAM	TOTAL SHEETS 273	SHEET NO. 112
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
* 107WRS-1, 107BY, 107BY-1 & 107B-2				
CONTRACT NO. 94827				



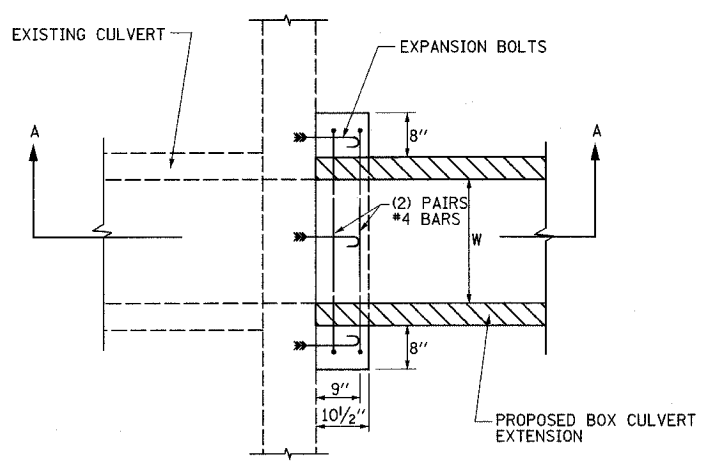
SECTION A-A



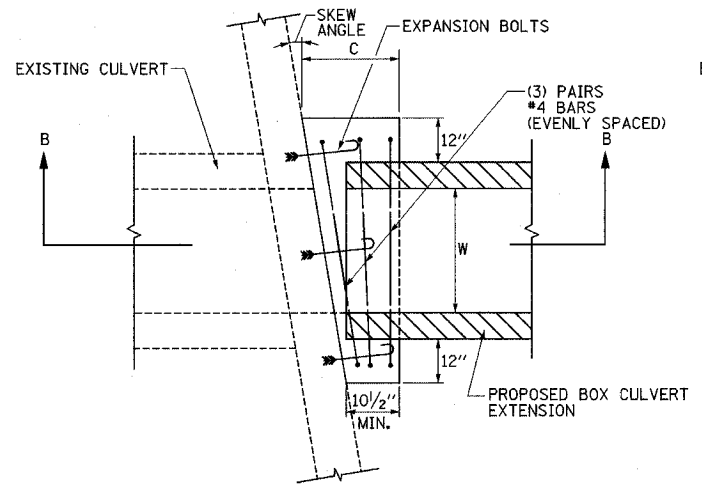
SECTION B-B



END VIEW

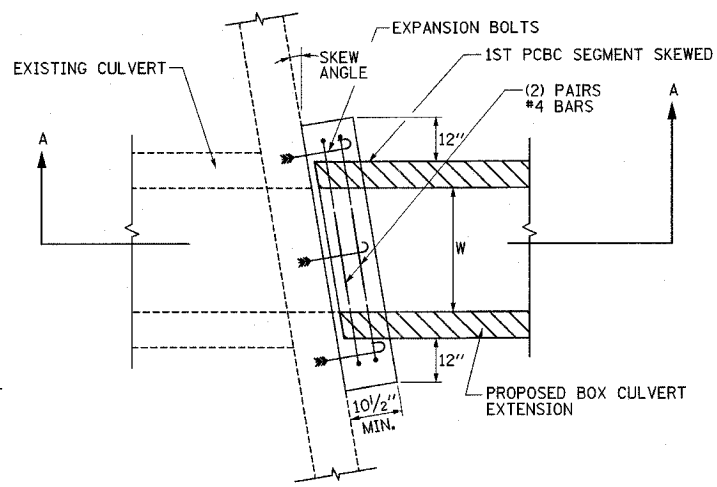


PLAN VIEW  
(RIGHT ANGLE CULVERT)



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°



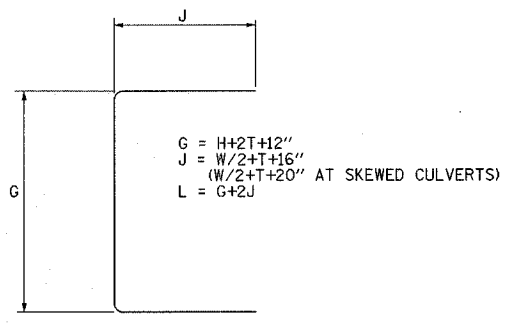
PLAN VIEW

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.

CONCRETE BOX CULVERT EXTENSION COLLAR SCHEDULE																					
SIDE	STATION	CULVERT SIZE	EXTENSION LENGTH	CULVERT NO.	DESIGN FILL HEIGHT	BOX CULVERT END SECTION	SKEW ANGLE	DIMENSIONS						REINFORCEMENT BARS				EXPANSION BOLTS #4	CONCRETE COLLAR *		
								A	B	C	W	H	T	G	J	L	NUMBER BARS			LB	EACH
			FEET		FEET	EACH	DEGREE	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	EACH	LB	EACH	CU YD
LT	951+33.21	PCBC 4'x3'	23	1	2'	1	-	74	62	-	48	36	5	58	45	148	4	33	10	0.4	
RT	951+33.21	PCBC 4'x3'	25	1	2'	1	-	74	62	-	48	36	5	58	45	148	4	33	10	0.4	
RT	1034+79.00	PCBC 4'x3'	85	2	20'	1	39°	106	62	-	48	36	5	58	61	180	4	40	12	0.7	
LT	1034+78.00	PCBC 2'x2'	45	3	15'	1	5°	56	48	16	24	24	4	44	36	116	6	40	8	0.5	
LT	1036+00.00	PCBC 3'x3'	30	4	18'	-	8°	68	60	20	36	36	4	56	42	140	6	50	10	0.9	
TOTALS:																		196	50	2.9	

\*SKEWED CULVERT



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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

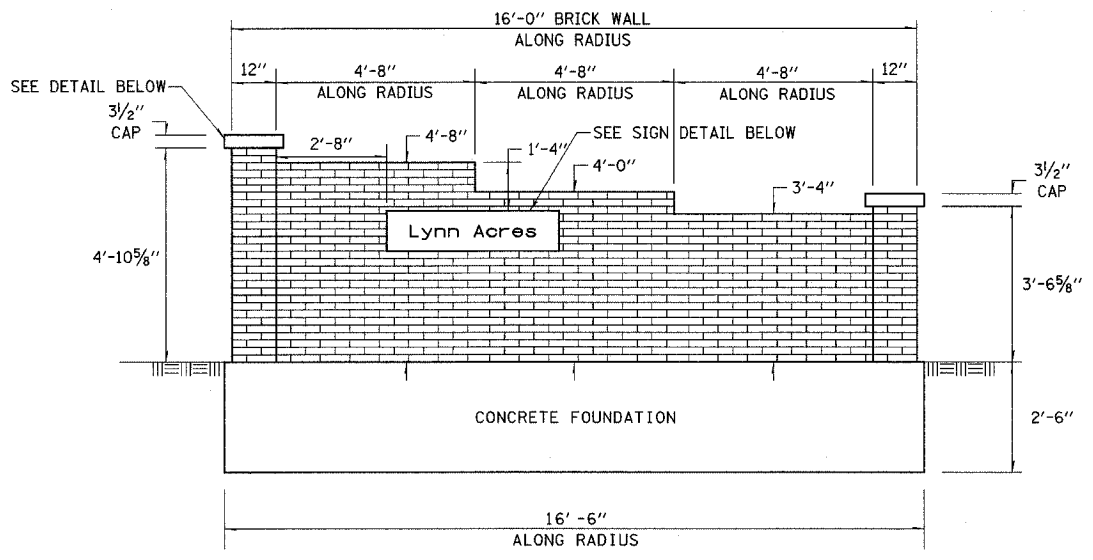
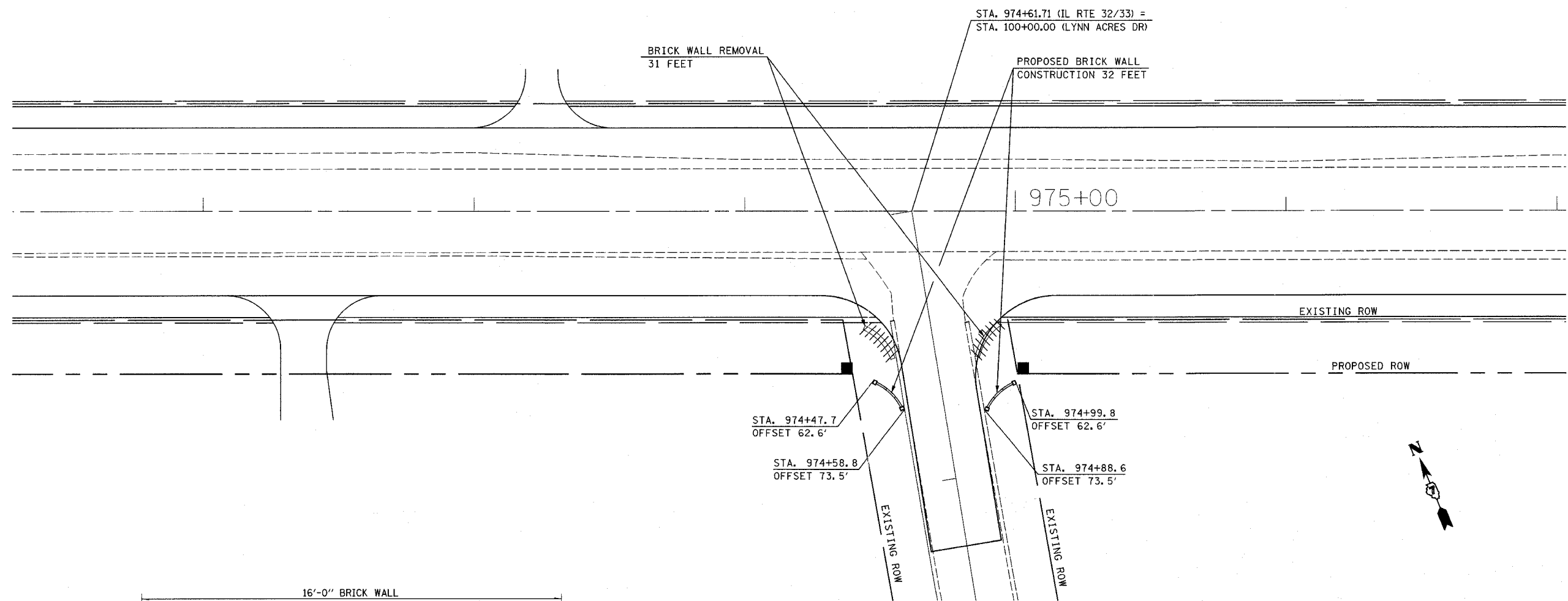
CULVERT EXTENSION COLLAR DETAILS

DATE 8/02

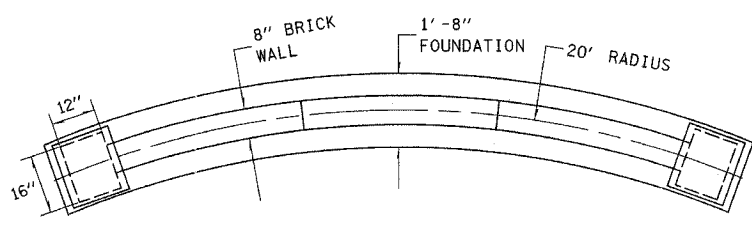
DRAWN BY ASB  
CHECKED BY SJK

CONCRETE BOX CULVERT EXTENSIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	*	EFFINGHAM	273	113
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
*107WRS-1, 107BY, 107BY-1 & 107B-2				
CONTRACT NO. 94827				



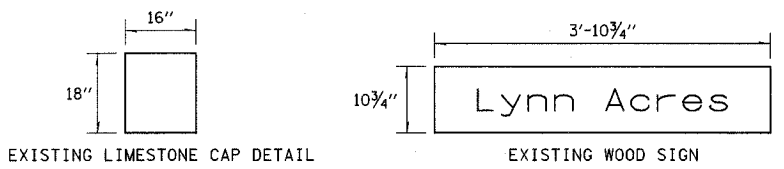
**WALL ELEVATION**



**WALL PLAN**

**NOTES:**

1. PRIOR TO REMOVAL OF EXISTING BRICK WALLS, REMOVE "LYNN ACRES" SIGN AND LIMESTONE COLUMN CAPS AS SHOWN ON THE PLANS AND SAVE FOR REUSE.
2. REMOVE EXISTING BRICK WALLS AND CONCRETE FOUNDATION.
3. CONSTRUCT THE PROPOSED UNREINFORCED CONCRETE FOUNDATIONS FLUSH WITH THE GROUND AT PROPOSED LOCATIONS AS SHOWN ON THE PLANS.
4. CONSTRUCT THE BRICK WALLS AS DETAILED IN THE PLANS. MATCH THE EXISTING BRICK COLOR.
5. ATTACH "LYNN ACRES" SIGN AND REPLACE THE LIMESTONE COLUMN CAPS.
6. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.



REVISIONS	
NAME	DATE

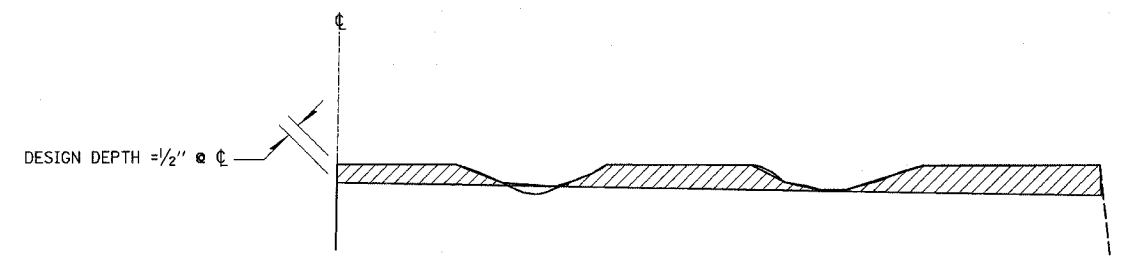
ILLINOIS DEPARTMENT OF TRANSPORTATION

**BRICK WALL DETAIL**

DRAWN BY DIST. 7  
CHECKED BY DIST. 7

DATE

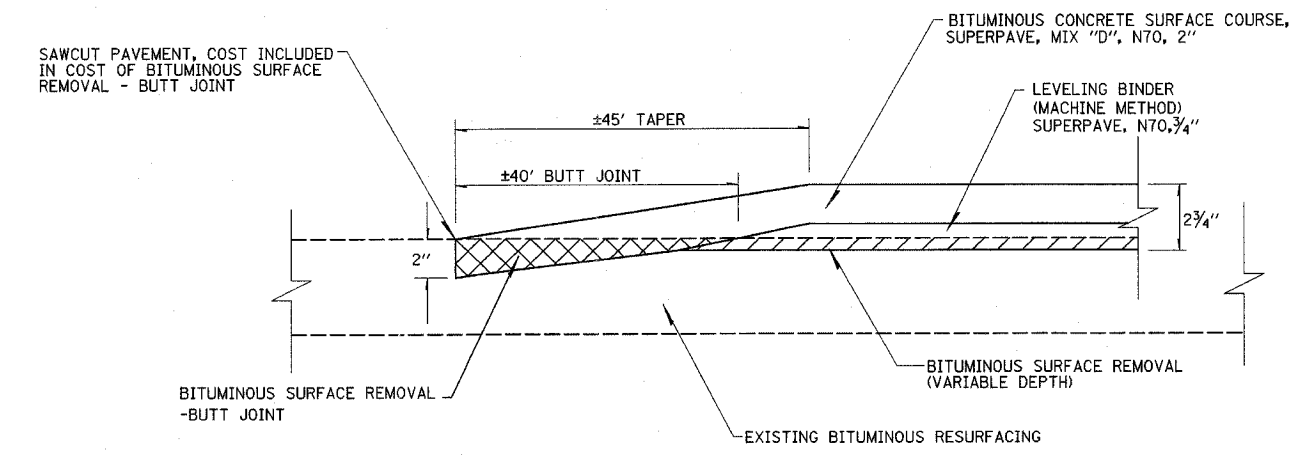
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	*	EFFINGHAM	273	114
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
* 107WRS-1, 107BY, 107BY-1 & 107B-2				
CONTRACT NO. 94827				



**NOTES:**

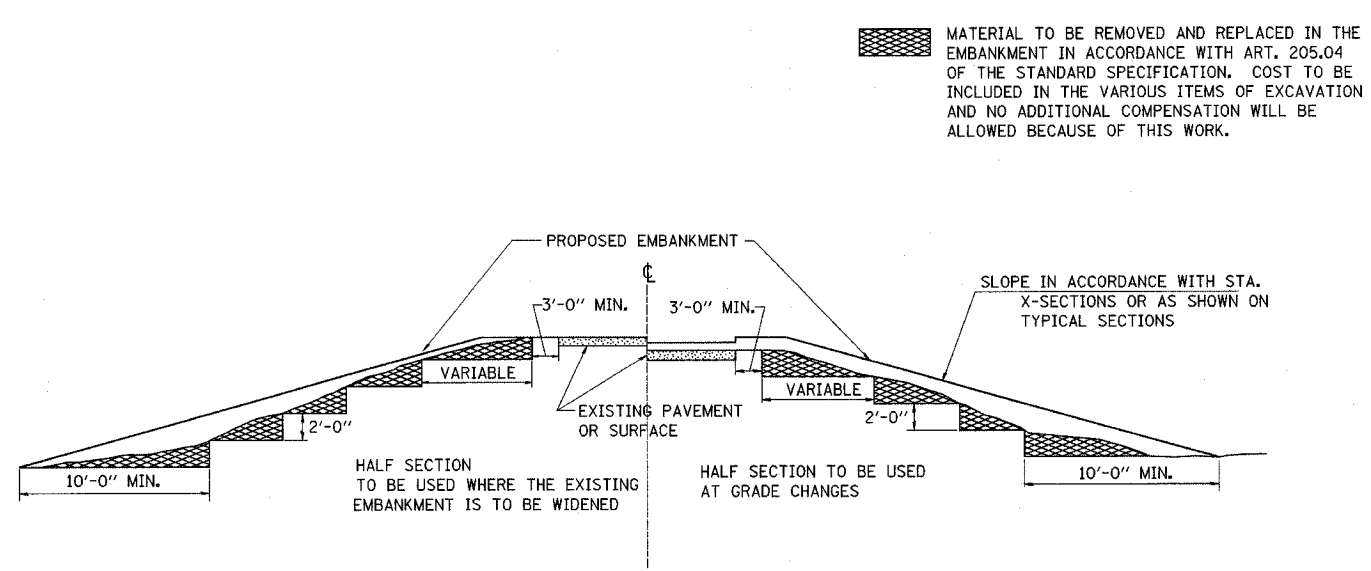
1. MILLING SHALL BE DONE TO ATTAIN REQUIRED SLOPE IN CROWN SECTIONS
2. EXISTING S.E. AND S.E. TRANSITIONS SHALL BE MAINTAINED UNLESS OTHERWISE SHOWN ON THE PLANS.
3. MILLING TO THE BOTTOM OF WHEEL RUTS SHALL NOT BE NECESSARY UNLESS REQUIRED TO OBTAIN SLOPE OR THE DESIGN DEPTH AT CENTERLINE.
4. THE AVERAGE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

**BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH) DETAIL**

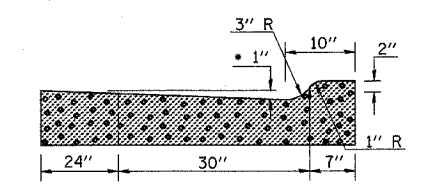
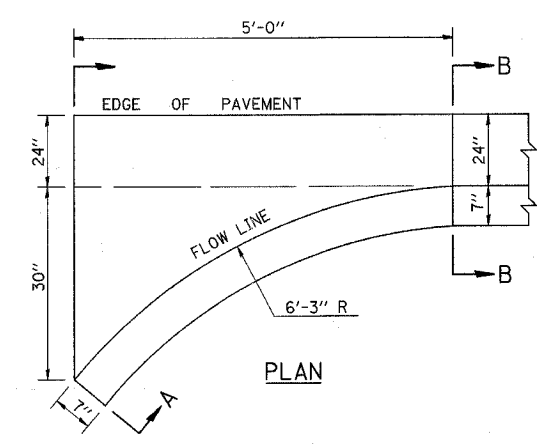


- BITUMINOUS SURFACE REMOVAL - BUTT JOINT
- BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)

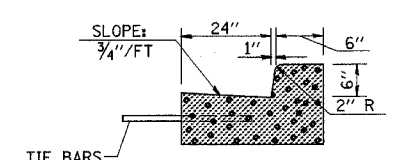
**BITUMINOUS SURFACE REMOVAL-BUTT JOINT DETAIL**



**TYPICAL CROSS SECTION SHOWING STEP CONSTRUCTION ON EXISTING FILL**



**SECTION A-A**



**SECTION B-B**

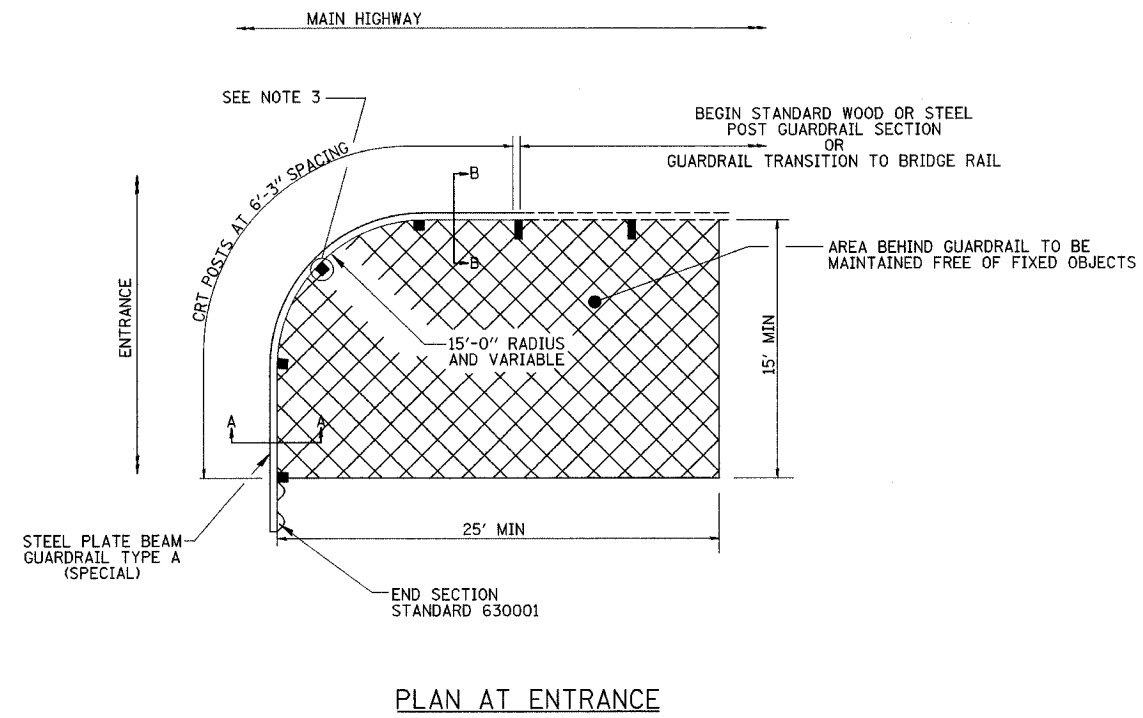
**GENERAL NOTES:**  
 THIS WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH APPLICABLE PORTIONS OF STANDARD 606001 AND SECTION 606 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24.

REVISIONS	
NAME	DATE

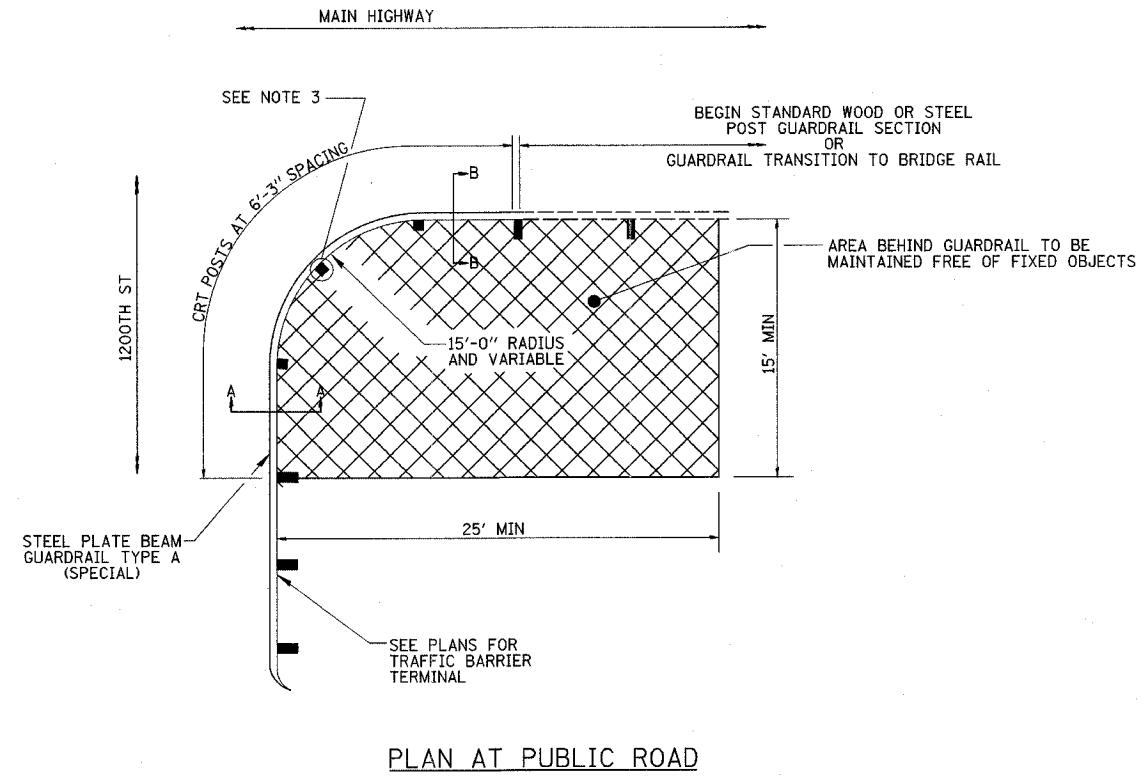
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 MISCELLANEOUS ROADWAY DETAILS  
 SHEET 1 OF 2  
 DATE 8/02  
 DRAWN BY DIST. 7  
 CHECKED BY BWC

**SPECIAL OUTLET FOR COMBINATION CURB AND GUTTER, TYPE B-6.24**

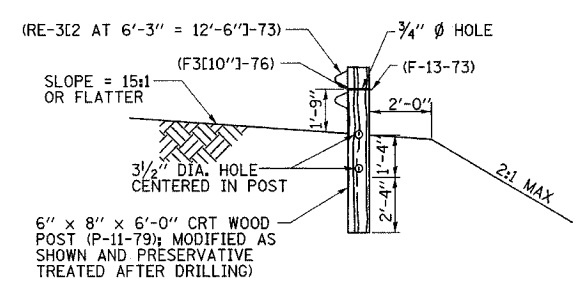
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	*	EFFINGHAM	273	115
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
* 107WRS-1, 107BY, 107BY-1 & 107B-2				
CONTRACT NO. 94827				



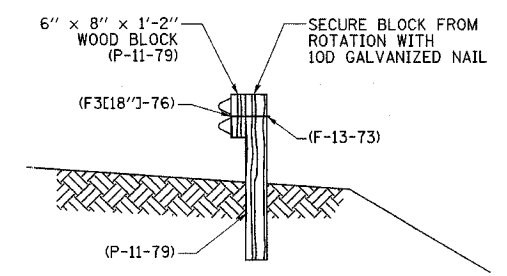
PLAN AT ENTRANCE



PLAN AT PUBLIC ROAD



SECTION A-A



SECTION B-B

**NOTES:**

1. DESIGNATIONS PROVIDED IN PARENTHESIS REFERENCE STANDARD ELEMENTS DETAILED IN "A GUIDE TO STANDARDIZED HIGHWAY BARRIER ROLL HARDWARE," 1979, AASHTO-AGC-ARTBA JOINT COOPERATIVE COMMITTEE.
2. NO WASHERS ARE USED ON THE 16 BUTTON HEAD BOLTS (F-3[AS REQUIRED]-76) CONNECTING THE RAIL TO THE CONTROLLED RELEASING TERMINAL (CRT) POSTS.
3. THE RAIL IS NOT BOLTED TO THE CRT POST AT THE CENTER OF THE NOSE AS SHOWN.
4. THE CURVED GUARDRAIL SECTION SHALL BE SHOP BENT.
5. CURVED GUARDRAIL DETAIL WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR STEEL PLATE BEAM GUARDRAIL TYPE A (SPECIAL), WHICH PRICE SHALL INCLUDE A COMPLETE CURVED GUARDRAIL DETAIL IN PLACE.

**CURVED GUARDRAIL DETAIL**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

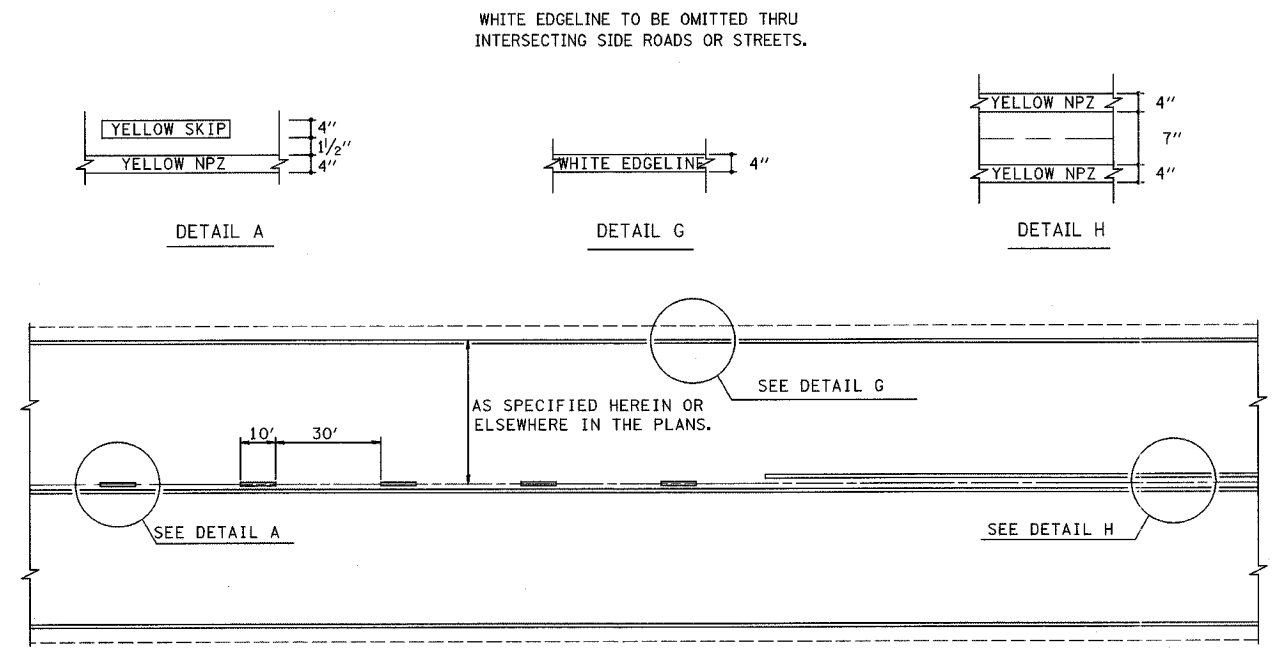
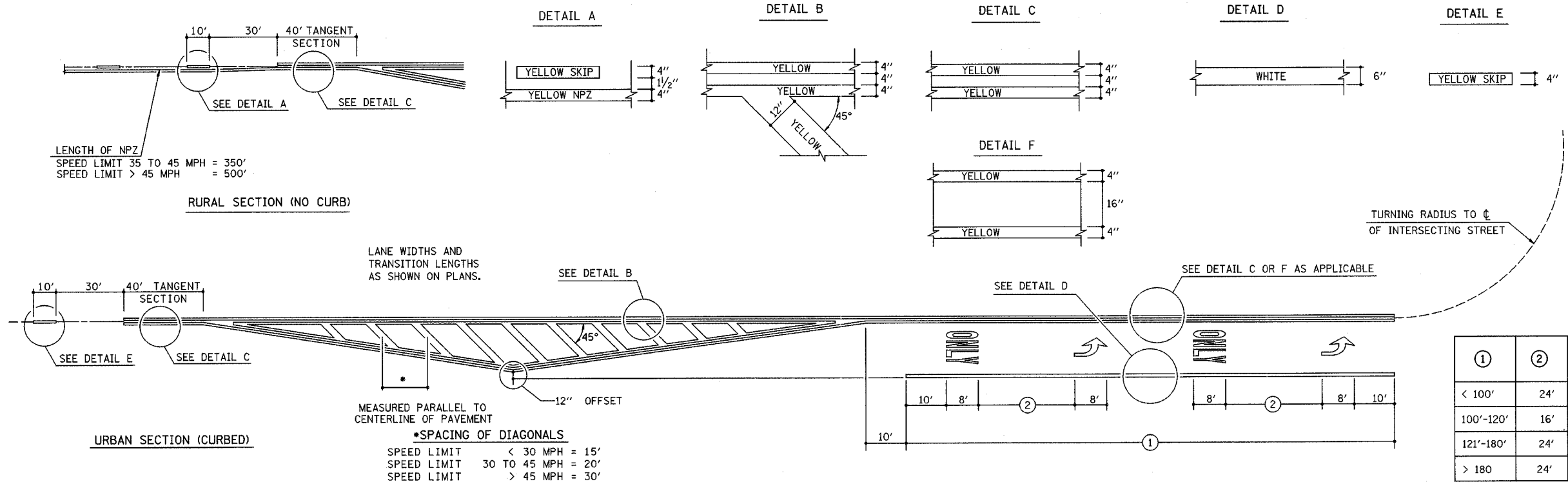
MISCELLANEOUS ROADWAY DETAILS SHEET 2 OF 2

DATE 8/02

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

\$\$\$DATE\$\$\$  
 \*DGN-SPEC\*  
 MMO REV: 05-06-96  
 EPMD



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

REVISIONS	
NAME	DATE
MMO	12-99

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATION OF PAVEMENT MARKINGS - CHANNELIZATION AND 2 LANE PAVEMENTS

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_

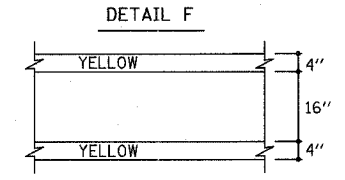
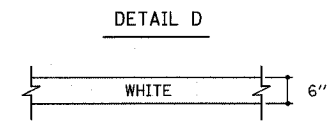
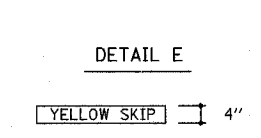
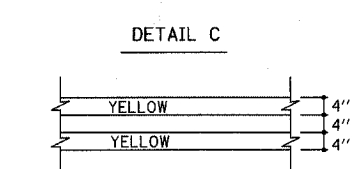
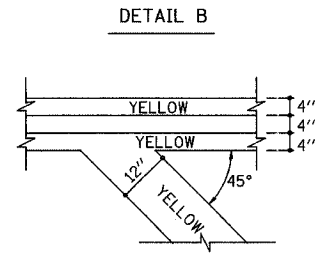
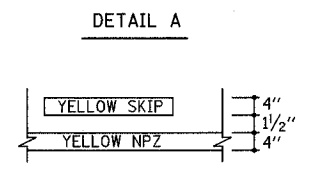
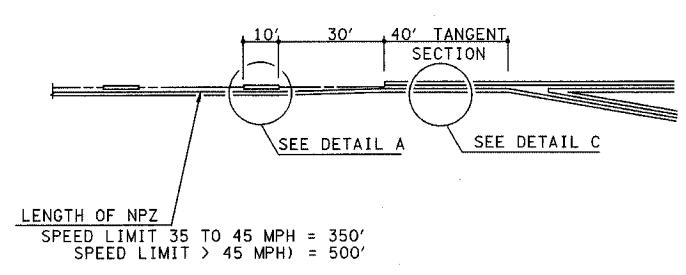
DATE ISSUED: 05-06-96

DRAWN BY DIST 7  
 CHECKED BY BWC

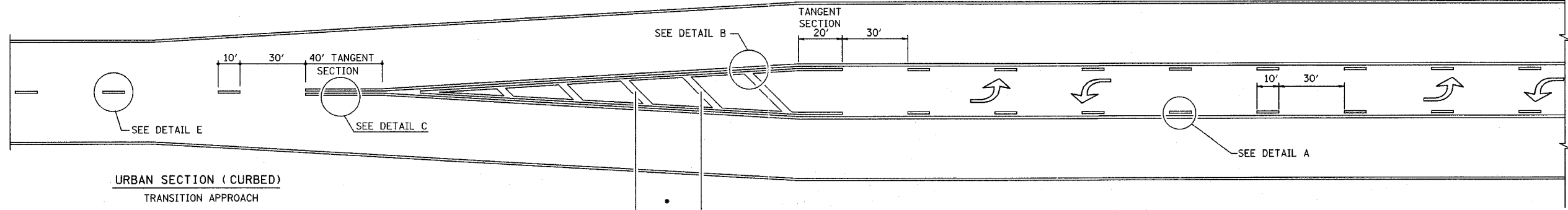


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	*	EFFINGHAM	273	117
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
* 107WRS-1, 107BY, 107BY-1 & 107B-2		CONTRACT NO. 94827		

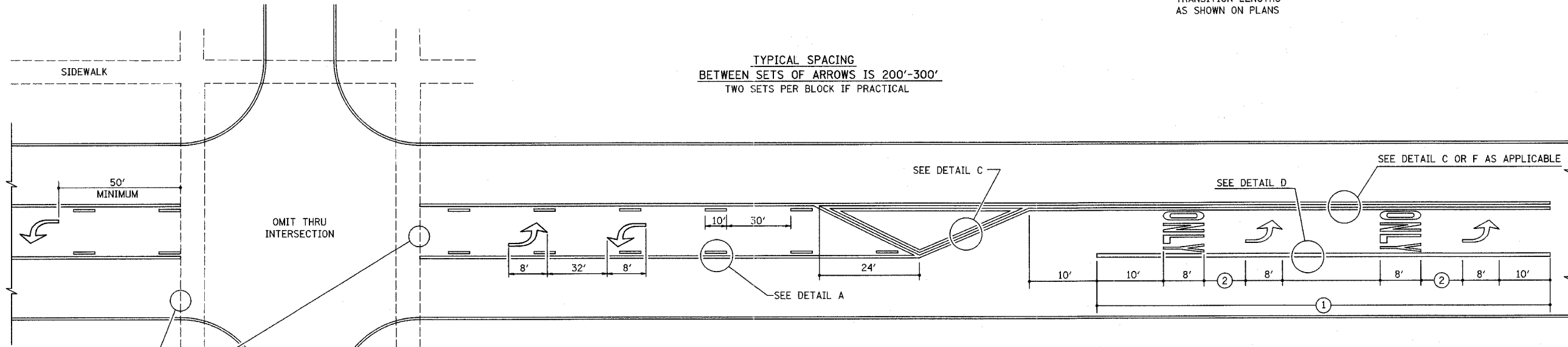
1. 2. 3. 4. 5. 6. 7. 8. 9. \$DATE\$\$  
 19. 20. 21. 22. 23. 24. 25. 26. 27. \*DGN-SPEC\*  
 28. 29. 30. 31. 32. 33. 34. 35. MMO REV: 05-06-96  
 37. 38. 40. 41. 42. 43. 44. 45. EPMD1  
 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63.



RURAL SECTION (NO CURB)  
TRANSITION APPROACH



URBAN SECTION (CURBED)  
TRANSITION APPROACH



TYPICAL SPACING  
BETWEEN SETS OF ARROWS IS 200'-300'  
TWO SETS PER BLOCK IF PRACTICAL

| ①         | ②   | SETS OF SYMBOLS |
|-----------|-----|-----------------|
| < 100'    | 24' | 1               |
| 100'-120' | 16' | 2               |
| 121'-180' | 24' | 2               |
| > 180     | 24' | 3               |

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

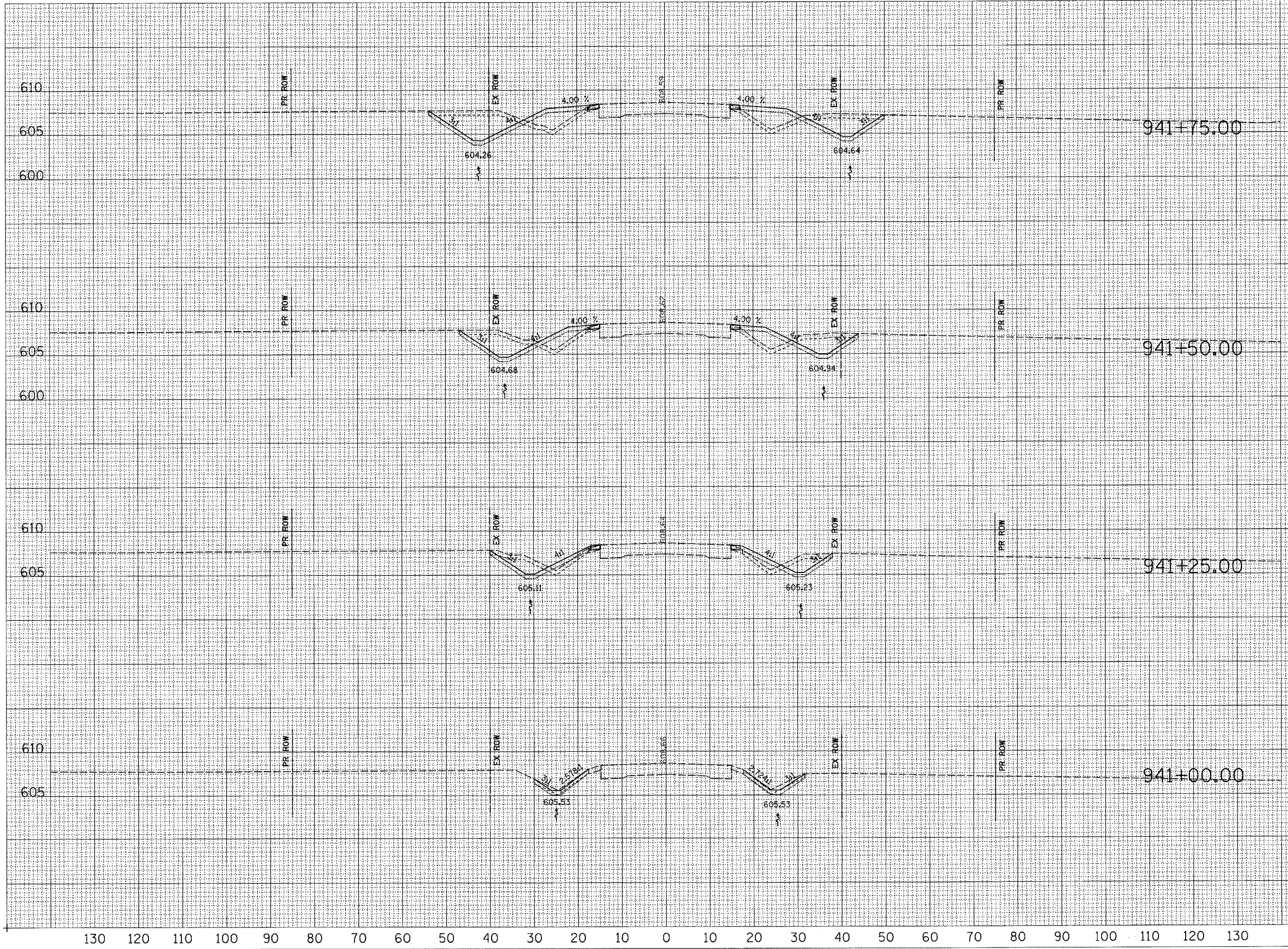
| REVISIONS |       |
|-----------|-------|
| NAME      | DATE  |
| MMO       | 12-99 |
|           |       |
|           |       |
|           |       |
|           |       |
|           |       |
|           |       |
|           |       |
|           |       |

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TYPICAL APPLICATION  
 OF PAVEMENT  
 MARKINGS - BI-DIRECTIONAL  
 TURN LANE  
 SCALE: VERT. HORIZ.  
 DATE: DRAWN BY DIST 7  
 CHECKED BY BWC

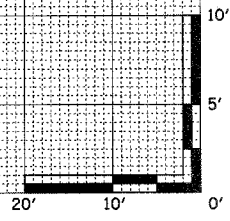
| F.A.P. RTE.                                     | SECTION           | COUNTY    | TOTAL SHEETS | SHEET NO. |
|---|-------------------|-----------|--------------|-----------|
| 774   | *                 | EFFINGHAM | 273          | 118       |
| STA. 941+00.00                                  | TO STA. 941+75.00 |           |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |                   |           |              |           |
| *107WRS-1, 107BY, 107BY-1 & 107B-2              |                   |           |              |           |
| CONTRACT NO. 94827                              |                   |           |              |           |

|               |      |
|---------------|------|
| FINAL SURVEY  | DATE |
| EXCISED       | BY   |
| PLOTTED       |      |
| TEMPLATE      |      |
| NOTE BOOK     |      |
| AREAS CHECKED |      |

|                 |      |
|-----------------|------|
| ORIGINAL SURVEY | DATE |
| EXCISED         | BY   |
| PLOTTED         |      |
| TEMPLATE        |      |
| NOTE BOOK       |      |
| AREAS CHECKED   |      |



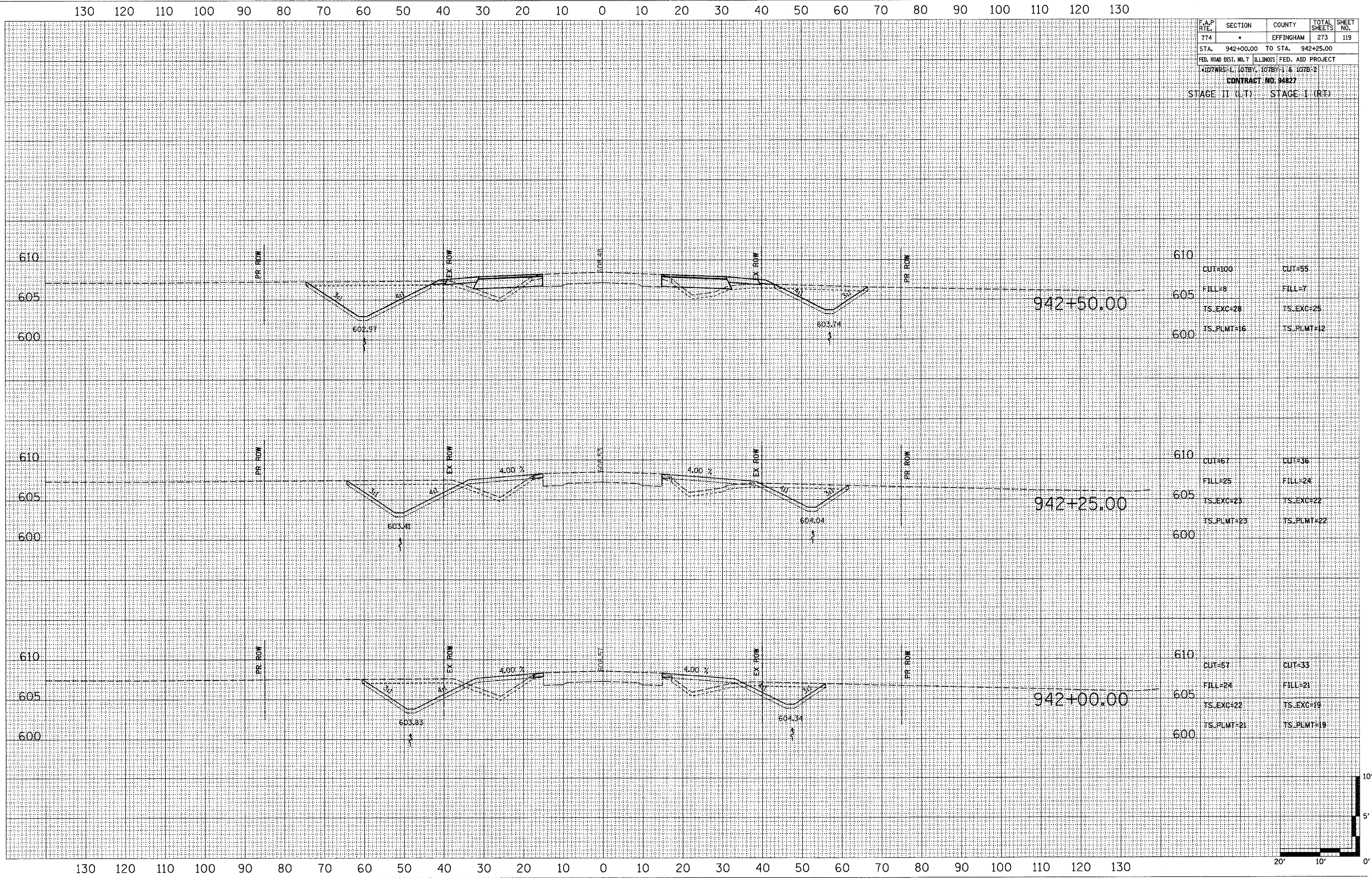
| STATION   | STAGE II (L.T.)                              | STAGE I (R.T.)                               |
|-----------|--|--|
| 941+75.00 | CUT=43<br>FILL=20<br>TS_EXC=18<br>TS_PLMT=18 | CUT=28<br>FILL=21<br>TS_EXC=16<br>TS_PLMT=16 |
| 941+50.00 | CUT=29<br>FILL=13<br>TS_EXC=15<br>TS_PLMT=15 | CUT=22<br>FILL=15<br>TS_EXC=13<br>TS_PLMT=13 |
| 941+25.00 | CUT=15<br>FILL=4<br>TS_EXC=11<br>TS_PLMT=11  | CUT=14<br>FILL=7<br>TS_EXC=10<br>TS_PLMT=10  |
| 941+00.00 | CUT=2<br>FILL=0<br>TS_EXC=6<br>TS_PLMT=5     | CUT=3<br>FILL=1<br>TS_EXC=7<br>TS_PLMT=7     |



|   |         |                  |                  |               |
|---|---------|------------------|------------------|---------------|
| F.A.P. RTE. 774                                 | SECTION | COUNTY EFFINGHAM | TOTAL SHEETS 273 | SHEET NO. 119 |
| STA. 942+00.00 TO STA. 942+25.00                |         |                  |                  |               |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |                  |                  |               |
| 407WRS-1, 107BY, 107BY-1 & 107B-2               |         |                  |                  |               |
| CONTRACT NO. 94827                              |         |                  |                  |               |
| STAGE II (L.T.) STAGE I (R.T.)                  |         |                  |                  |               |

|              |      |
|--------------|------|
| FINAL SURVEY | DATE |
| CHECKED      |      |
| PLOTTED      |      |
| TEMPLATE     |      |
| AREAS        |      |
| CHECKED      |      |

|                 |      |
|-----------------|------|
| ORIGINAL SURVEY | DATE |
| CHECKED         |      |
| PLOTTED         |      |
| TEMPLATE        |      |
| AREAS           |      |
| CHECKED         |      |

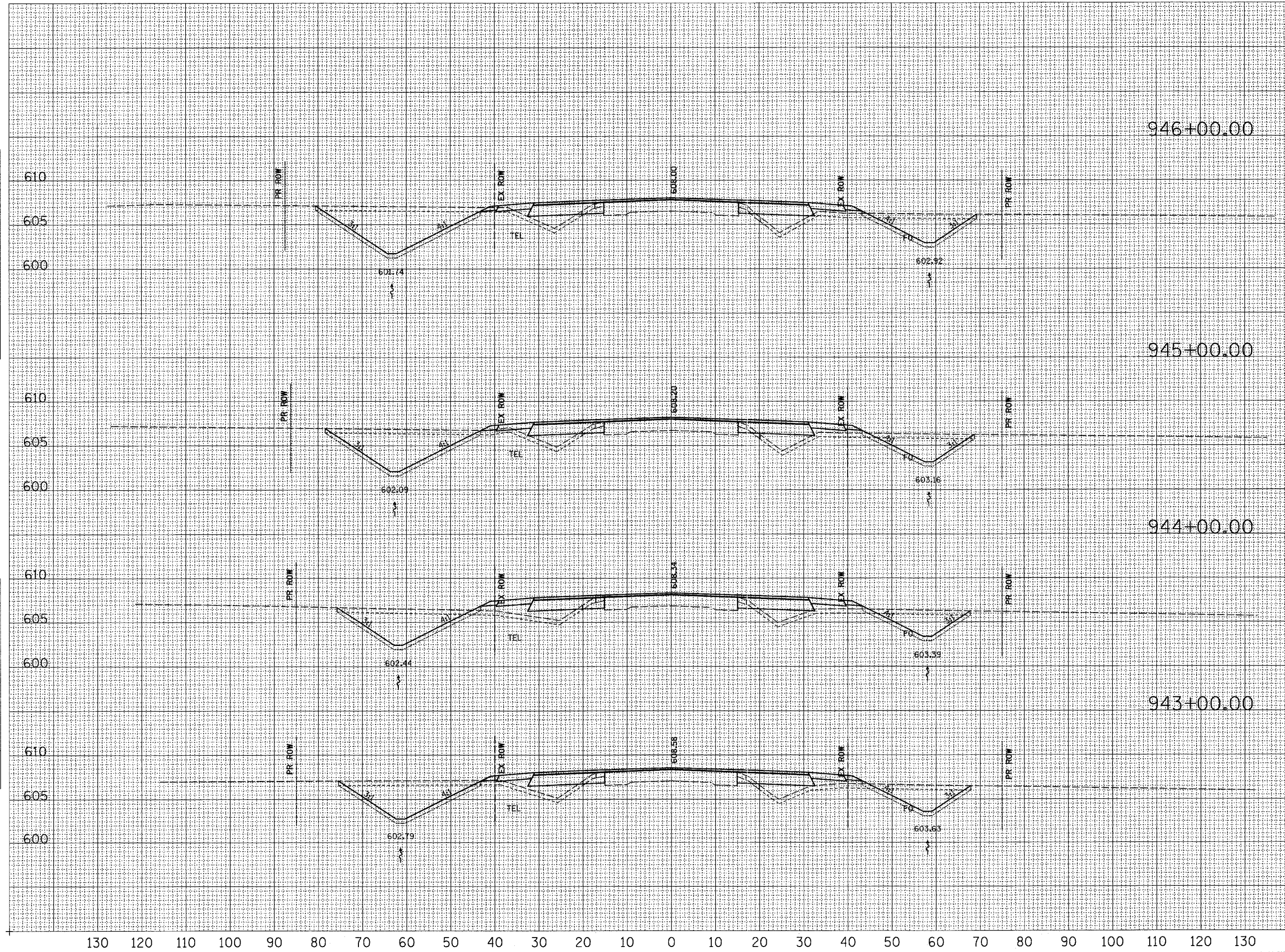


| F.A.P. RTE.                                     | SECTION | COUNTY    | TOTAL SHEETS | SHEET NO. |
|---|---------|-----------|--------------|-----------|
| 774   | *       | EFFINGHAM | 273          | 120       |
| STA. 943+00.00 TO STA. 946+00.00                |         |           |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |           |              |           |
| 107WRS-1, 107BY, 107BY-1 & 107B-2               |         |           |              |           |

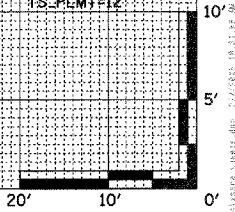
STAGE II (LT) STAGE I (RT)

|               |    |
|---------------|----|
| DATE          | BY |
|               |    |
| NO.           |    |
| AREAS CHECKED |    |
| AREAS         |    |
| DATE          | BY |
|               |    |
| NO.           |    |
| AREAS CHECKED |    |
| AREAS         |    |

|               |    |
|---------------|----|
| DATE          | BY |
|               |    |
| NO.           |    |
| AREAS CHECKED |    |
| AREAS         |    |
| DATE          | BY |
|               |    |
| NO.           |    |
| AREAS CHECKED |    |
| AREAS         |    |



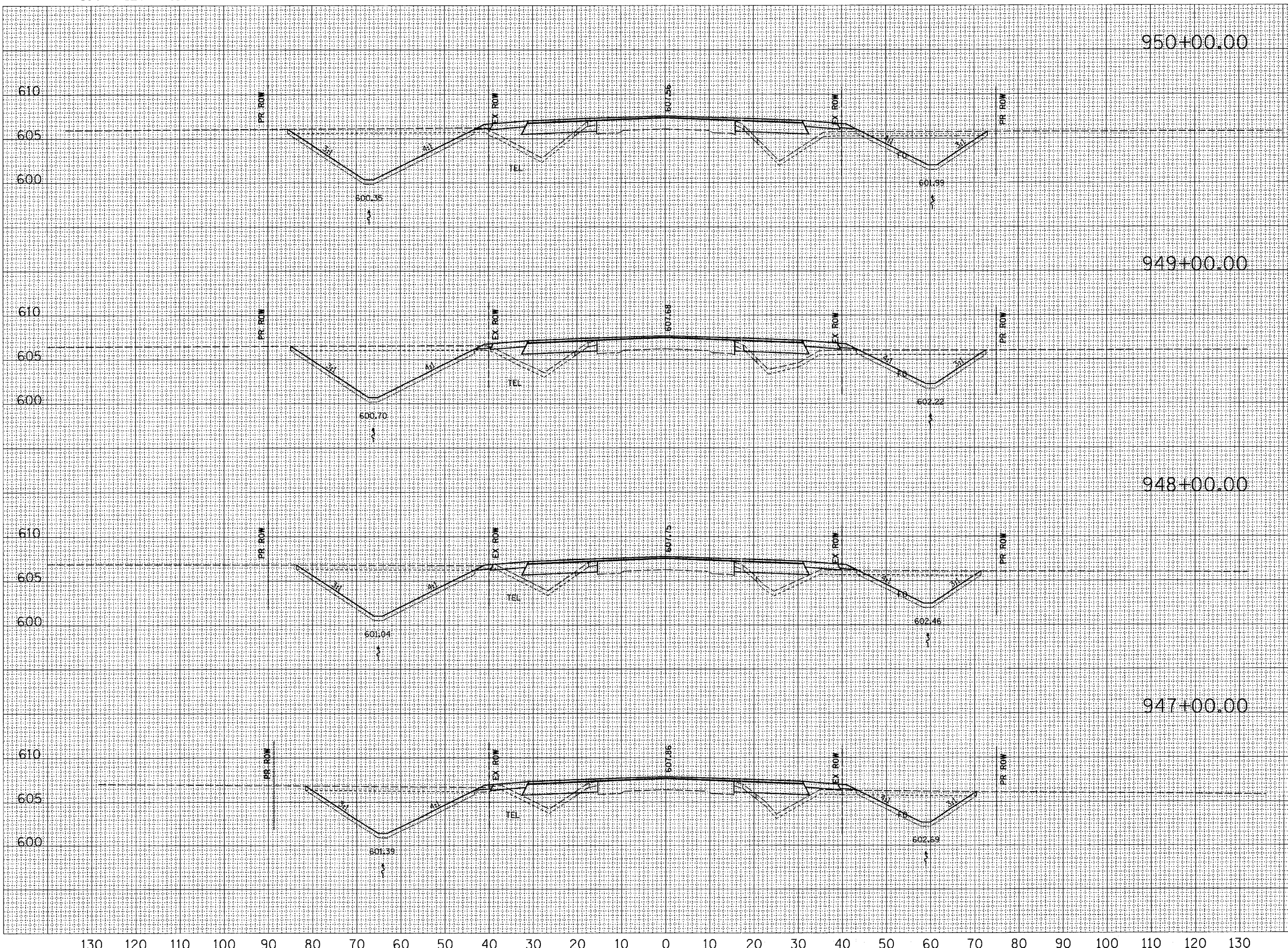
| STATION   | CUT     | FILL    | TS_EXC    | TS_PLMT    |
|-----------|---------|---------|-----------|------------|
| 946+00.00 | CUT-112 | FILL-19 | TS_EXC=30 | TS_PLMT=19 |
|           | CUT-46  | FILL-27 | TS_EXC=24 | TS_PLMT=13 |
| 945+00.00 | CUT-92  | FILL-20 | TS_EXC=29 | TS_PLMT=18 |
|           | CUT-43  | FILL-28 | TS_EXC=24 | TS_PLMT=13 |
| 944+00.00 | CUT-71  | FILL-12 | TS_EXC=27 | TS_PLMT=16 |
|           | CUT-40  | FILL-26 | TS_EXC=24 | TS_PLMT=12 |
| 943+00.00 | CUT-79  | FILL-25 | TS_EXC=28 | TS_PLMT=16 |
|           | CUT-40  | FILL-28 | TS_EXC=24 | TS_PLMT=12 |



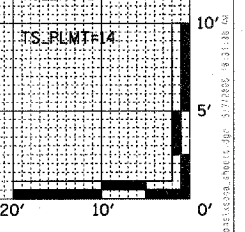
|                                   |         |                           |              |           |
|-----------------------------------|---------|---------------------------|--------------|-----------|
| F.A.P. RTE.                       | SECTION | COUNTY                    | TOTAL SHEETS | SHEET NO. |
| 774                               |         | EFFINGHAM                 | 273          | 121       |
| STA. 947+00.00 TO STA. 950+00.00  |         | ILLINOIS FED. AID PROJECT |              |           |
| 107WRS-1, 107BY, 107BY-1 & 107B-2 |         |                           |              |           |

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

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



| STATION   | STAGE II (LT)                                 | STAGE I (RT)                                 |
|-----------|---|--|
| 950+00.00 | CUT=133<br>FILL=40<br>TS_EXC=32<br>TS_PLMT=21 | CUT=69<br>FILL=42<br>TS_EXC=26<br>TS_PLMT=15 |
| 949+00.00 | CUT=135<br>FILL=31<br>TS_EXC=32<br>TS_PLMT=21 | CUT=60<br>FILL=31<br>TS_EXC=26<br>TS_PLMT=15 |
| 948+00.00 | CUT=130<br>FILL=23<br>TS_EXC=32<br>TS_PLMT=20 | CUT=57<br>FILL=28<br>TS_EXC=26<br>TS_PLMT=14 |
| 947+00.00 | CUT=115<br>FILL=21<br>TS_EXC=31<br>TS_PLMT=19 | CUT=53<br>FILL=28<br>TS_EXC=25<br>TS_PLMT=14 |

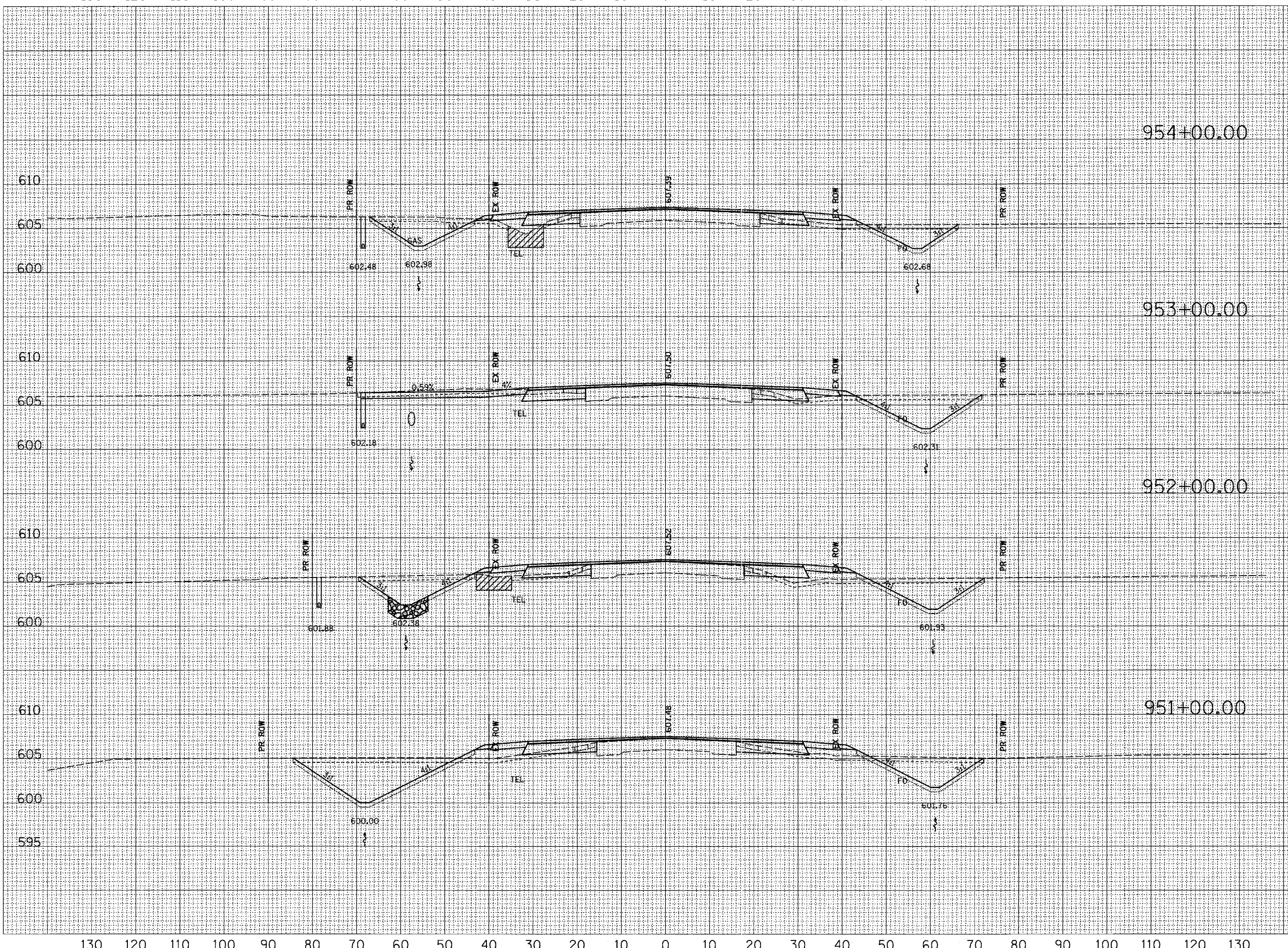


|                                   |         |   |              |           |
|-----------------------------------|---------|---|--------------|-----------|
| F.A.P. RTE.                       | SECTION | COUNTY  | TOTAL SHEETS | SHEET NO. |
| 774                               | *       | EFFINGHAM                                       | 273          | 122       |
| STA. 951+00.00 TO STA. 954+00.00  |         | FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |              |           |
| 107WRS-1, 107BY, 107BY-1 & 107B-2 |         |   |              |           |

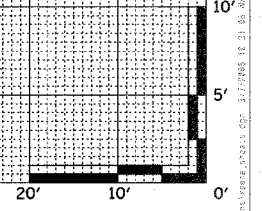
STAGE II (LT) STAGE I (RT)

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

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



|     |     |                       |
|-----|-----|-----------------------|
| 610 | 610 | UNSUIT=16             |
| 605 | 605 | CUT=48 CUT=35         |
| 600 | 600 | FILL=24 FILL=11       |
|     |     | TS_EXC=17 TS_EXC=20   |
|     |     | TS_PLMT=12 TS_PLMT=12 |
| 610 | 610 |                       |
| 605 | 605 | CUT=21 CUT=63         |
| 600 | 600 | FILL=0 FILL=8         |
|     |     | TS_EXC=23 TS_EXC=24   |
|     |     | TS_PLMT=0 TS_PLMT=14  |
| 610 | 610 | UNSUIT=13             |
| 605 | 605 | CUT=45 CUT=52         |
| 600 | 600 | FILL=18 FILL=23       |
|     |     | TS_EXC=20 TS_EXC=25   |
|     |     | TS_PLMT=9 TS_PLMT=14  |
| 610 | 610 |                       |
| 605 | 605 | CUT=104 CUT=52        |
| 600 | 600 | FILL=20 FILL=15       |
| 595 | 595 | TS_EXC=32 TS_EXC=26   |
|     |     | TS_PLMT=21 TS_PLMT=14 |

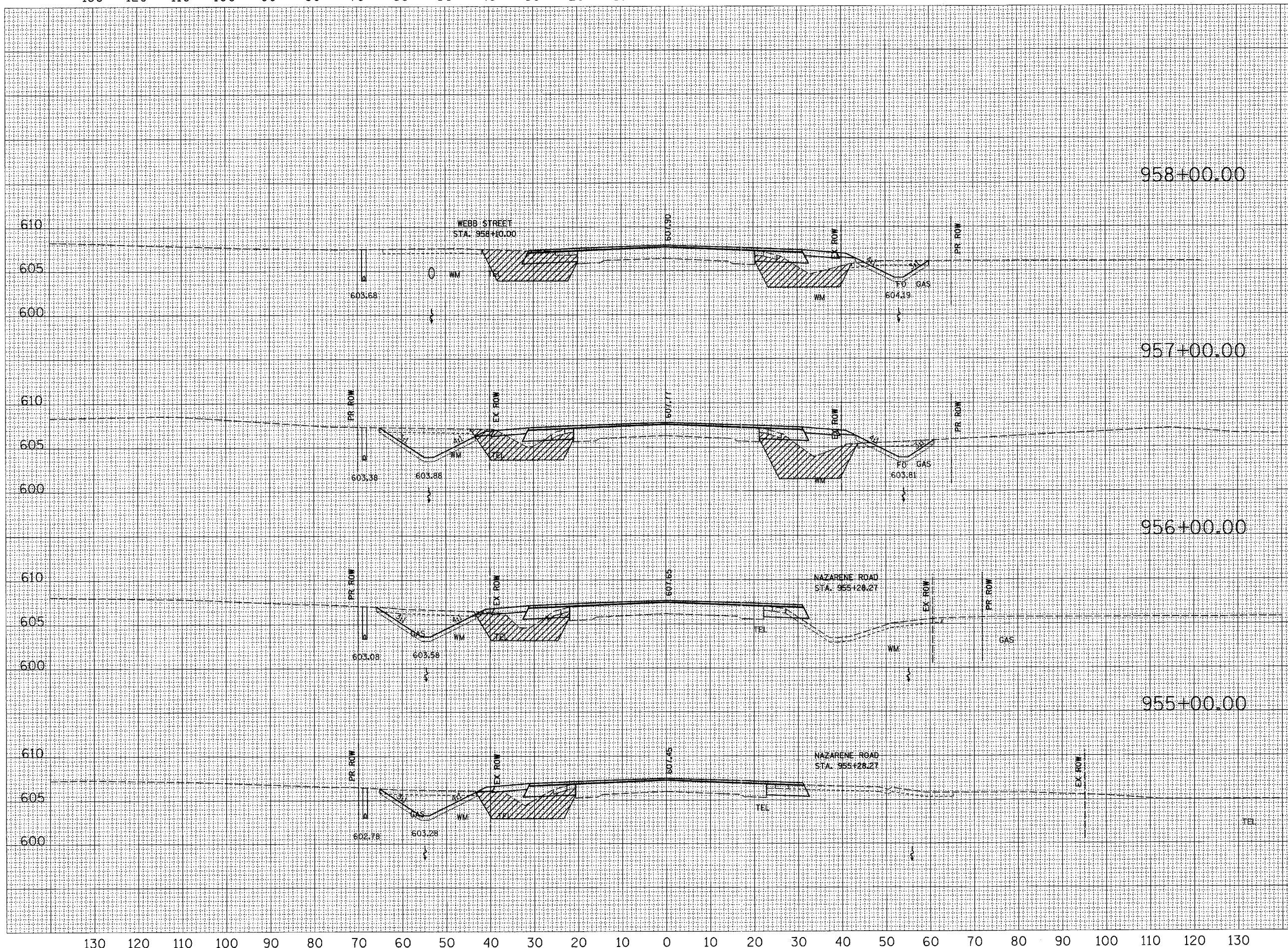


130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

|   |         |           |                |           |
|---|---------|-----------|----------------|-----------|
| F.A.P. RTE.                                     | SECTION | COUNTY    | TOTAL SHEETS   | SHEET NO. |
| 774   | *       | EFFINGHAM | 273            | 123       |
| STA. 955+00.00 TO STA. 958+00.00                |         |           |                |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |           |                |           |
| *107WRS-1, 107BY, 107BY-1 & 107B-2              |         |           |                |           |
| STAGE II (L.T.)                                 |         |           | STAGE I (R.T.) |           |

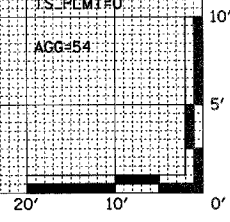
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|---------------|----|------|
| FINAL SURVEY  | BY | DATE |
| SURVEYED      |    |      |
| PLOTTED       |    |      |
| TEMPLATE      |    |      |
| NOTE BOOK     |    |      |
| AREAS CHECKED |    |      |

|                 |    |      |
|-----------------|----|------|
| ORIGINAL SURVEY | BY | DATE |
| SURVEYED        |    |      |
| PLOTTED         |    |      |
| TEMPLATE        |    |      |
| NOTE BOOK       |    |      |
| AREAS CHECKED   |    |      |



|     |            |            |
|-----|------------|------------|
| 610 | UNSUITS=49 | UNSUITS=64 |
| 610 | CUT=50     | CUT=21     |
| 605 | FILL=0     | FILL=0     |
| 605 | TS_EXC=12  | TS_EXC=9   |
| 600 | TS_PLMT=0  | TS_PLMT=8  |
| 600 | AGG=60     | AGG=43     |
| 610 | UNSUITS=69 | UNSUITS=52 |
| 610 | CUT=49     | CUT=19     |
| 605 | FILL=0     | FILL=0     |
| 605 | TS_EXC=11  | TS_EXC=8   |
| 600 | TS_PLMT=11 | TS_PLMT=9  |
| 600 | AGG=87     | AGG=49     |
| 610 | CUT=42     | UNSUITS=46 |
| 610 | CUT=14     |            |
| 605 | FILL=0     | FILL=45    |
| 605 | TS_EXC=11  | TS_EXC=18  |
| 600 | TS_PLMT=11 | TS_PLMT=0  |
| 600 |            | AGG=52     |
| 610 | CUT=39     | UNSUITS=51 |
| 610 | CUT=37     |            |
| 605 | FILL=0     | FILL=1     |
| 605 | TS_EXC=11  | TS_EXC=19  |
| 600 | TS_PLMT=11 | TS_PLMT=0  |
| 600 |            | AGG=54     |

130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

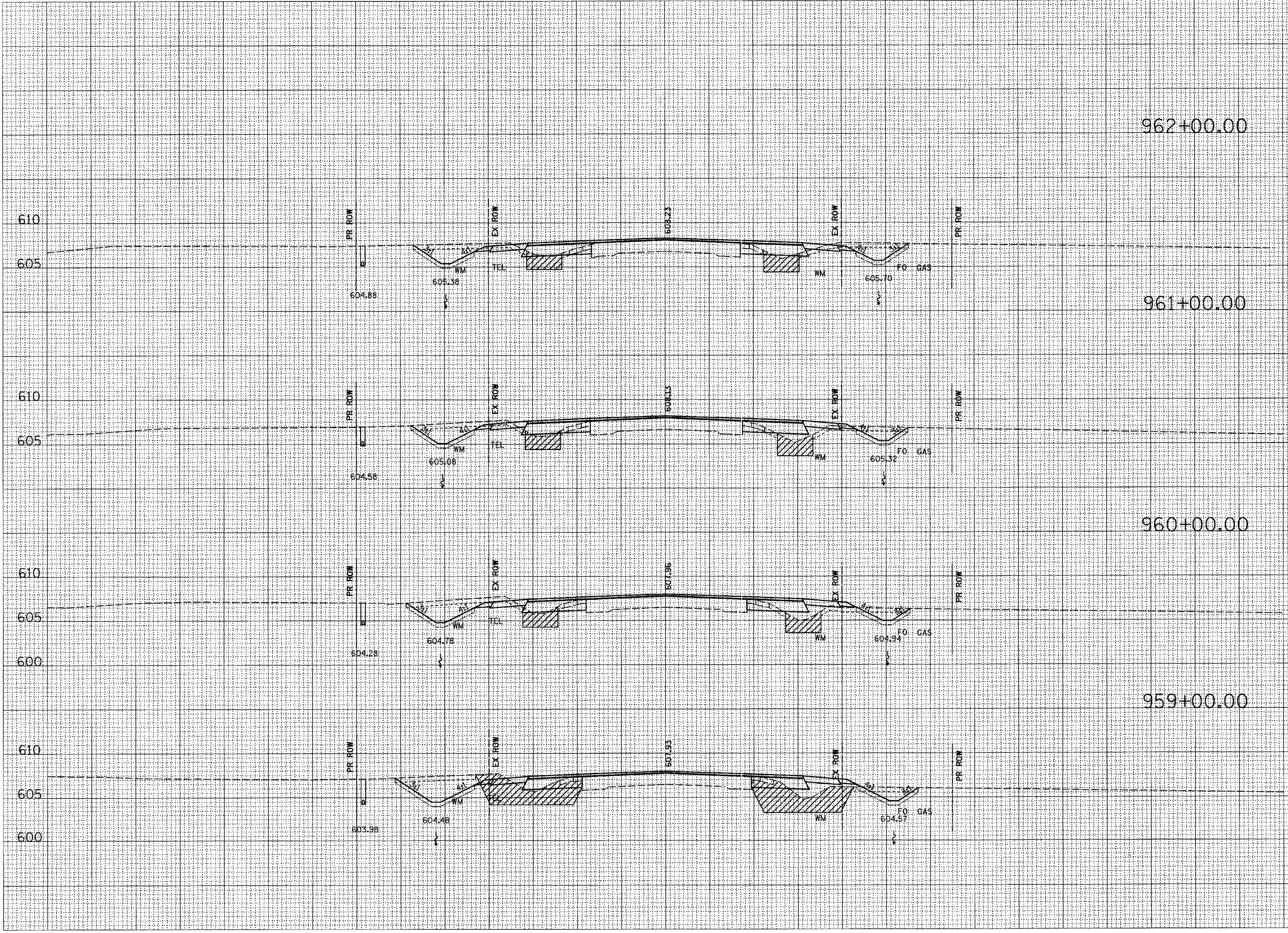


|   |         |                   |              |           |
|---|---------|-------------------|--------------|-----------|
| F.A.P. RTE.                                     | SECTION | COUNTY            | TOTAL SHEETS | SHEET NO. |
| 774   | .       | EFFINGHAM         | 273          | 124       |
| STA. 959+00.00                                  |         | TO STA. 962+00.00 |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |                   |              |           |
| 107WRS-1, 107BY, 107BY-1 & 107B-2               |         |                   |              |           |

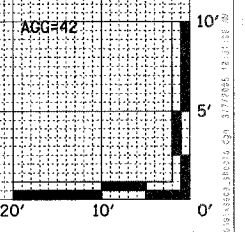
STAGE II (LT) STAGE I (RT)

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

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



|           |           |           |
|-----------|-----------|-----------|
| 962+00.00 | UNSUIT=15 | UNSUIT=13 |
| 610       | CUT=26    | CUT=22    |
| 605       | FILL=13   | FILL=16   |
|           | TS_EXC=14 | TS_EXC=13 |
|           | TS_PLMT=7 | TS_PLMT=6 |
| 961+00.00 | UNSUIT=16 | UNSUIT=13 |
| 610       | CUT=28    | CUT=15    |
| 605       | FILL=14   | FILL=28   |
|           | TS_EXC=14 | TS_EXC=12 |
|           | TS_PLMT=7 | TS_PLMT=6 |
| 960+00.00 | UNSUIT=14 | UNSUIT=14 |
| 610       | CUT=35    | CUT=14    |
| 605       | FILL=16   | FILL=27   |
| 600       | TS_EXC=14 | TS_EXC=12 |
|           | TS_PLMT=8 | TS_PLMT=6 |
| 959+00.00 | UNSUIT=56 | UNSUIT=35 |
| 610       | CUT=43    | CUT=17    |
| 605       | FILL=0    | FILL=0    |
| 600       | TS_EXC=9  | TS_EXC=7  |
|           | TS_PLMT=9 | TS_PLMT=7 |
|           | ACC=60    | ACC=42    |

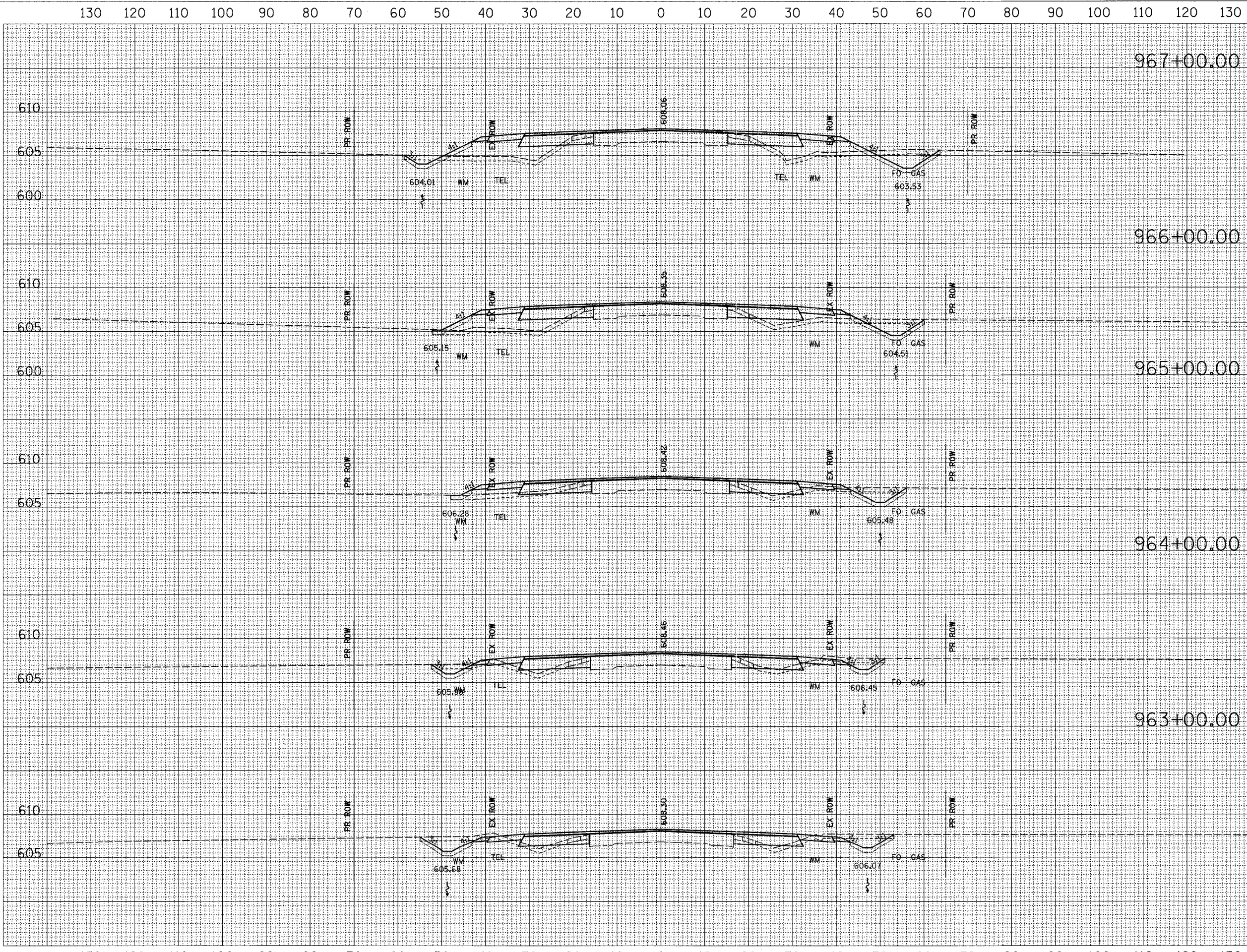




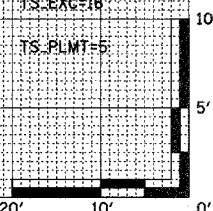
|                                   |         |   |              |           |
|-----------------------------------|---------|---|--------------|-----------|
| F.A.P. RTEL                       | SECTION | COUNTY  | TOTAL SHEETS | SHEET NO. |
| 774                               | *       | EFFINGHAM                                       | 273          | 125       |
| STA. 963+00.00 TO STA. 967+00.00  |         | FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |              |           |
| 107WRS-1, 107BY, 107BY-1 & 107B-2 |         |   |              |           |

|                 |      |
|-----------------|------|
| DATE            | BY   |
|                 |      |
| ORIGINAL SURVEY | NO.  |
| FINAL SURVEY    | NO.  |
| SURVEY PLOTTED  | DATE |
| NOTED           | DATE |
| AREAS CHECKED   |      |

|                 |      |
|-----------------|------|
| DATE            | BY   |
|                 |      |
| ORIGINAL SURVEY | NO.  |
| FINAL SURVEY    | NO.  |
| SURVEY PLOTTED  | DATE |
| NOTED           | DATE |
| AREAS CHECKED   |      |



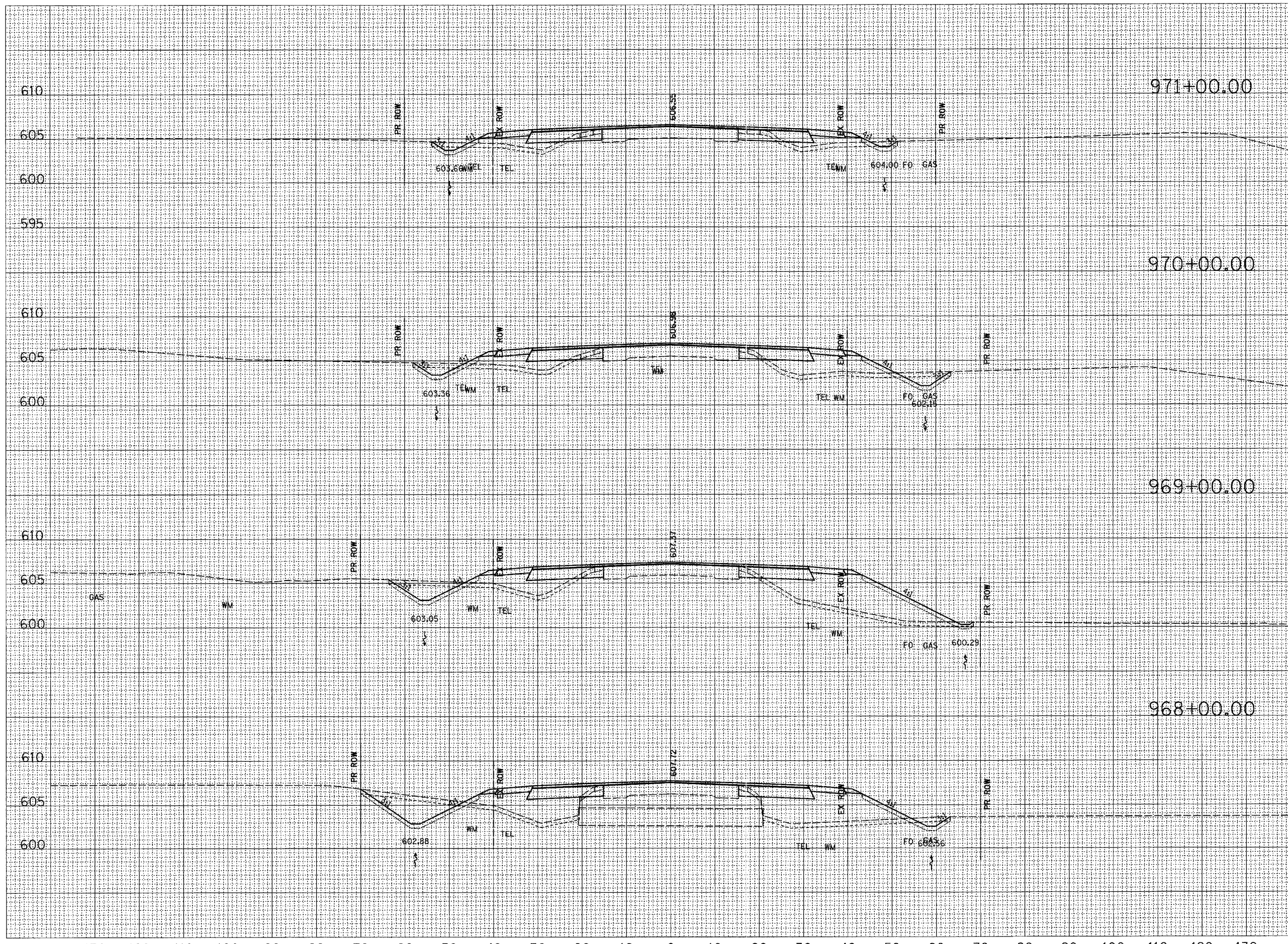
| STAGE II (L.T) | STAGE I (RT) |
|----------------|--------------|
| CUT=10         | CUT=24       |
| FILL=46        | FILL=35      |
| TS_EXC=19      | TS_EXC=22    |
| TS_PLMT=8      | TS_PLMT=10   |
| CUT=4          | CUT=20       |
| FILL=44        | FILL=21      |
| TS_EXC=16      | TS_EXC=20    |
| TS_PLMT=4      | TS_PLMT=8    |
| CUT=6          | CUT=17       |
| FILL=14        | FILL=7       |
| TS_EXC=14      | TS_EXC=18    |
| TS_PLMT=2      | TS_PLMT=6    |
| CUT=11         | CUT=14       |
| FILL=9         | FILL=4       |
| TS_EXC=16      | TS_EXC=15    |
| TS_PLMT=5      | TS_PLMT=4    |
| CUT=20         | CUT=18       |
| FILL=5         | FILL=4       |
| TS_EXC=11      | TS_EXC=16    |
| TS_PLMT=6      | TS_PLMT=5    |



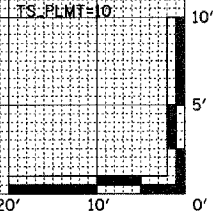
|   |         |           |              |           |
|---|---------|-----------|--------------|-----------|
| F.A.P. RTE.                                     | SECTION | COUNTY    | TOTAL SHEETS | SHEET NO. |
| 774   | *       | EFFINGHAM | 273          | 126       |
| STA. 968+00.00 TO STA. 971+00.00                |         |           |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |           |              |           |
| *107WRS-1, 107BY, 107BY-1 & 107B-2              |         |           |              |           |

|                  |      |
|------------------|------|
| FINAL SURVEY NO. | DATE |
| REVISIONS        | BY   |
| NO.              |      |
| NO.              |      |
| NO.              |      |

|                     |      |
|---------------------|------|
| ORIGINAL SURVEY NO. | DATE |
| REVISIONS           | BY   |
| NO.                 |      |
| NO.                 |      |
| NO.                 |      |



| STATION   | STAGE II (LT)                                | STAGE I (RT)                                 |
|-----------|--|--|
| 971+00.00 | CUT=10<br>FILL=24<br>TS_EXC=17<br>TS_PLMT=5  | CUT=9<br>FILL=20<br>TS_EXC=16<br>TS_PLMT=4   |
| 970+00.00 | CUT=13<br>FILL=31<br>TS_EXC=19<br>TS_PLMT=7  | CUT=15<br>FILL=52<br>TS_EXC=21<br>TS_PLMT=10 |
| 969+00.00 | CUT=25<br>FILL=39<br>TS_EXC=22<br>TS_PLMT=10 | CUT=4<br>FILL=119<br>TS_EXC=24<br>TS_PLMT=13 |
| 968+00.00 | CUT=43<br>FILL=62<br>TS_EXC=25<br>TS_PLMT=13 | CUT=8<br>FILL=95<br>TS_EXC=21<br>TS_PLMT=10  |

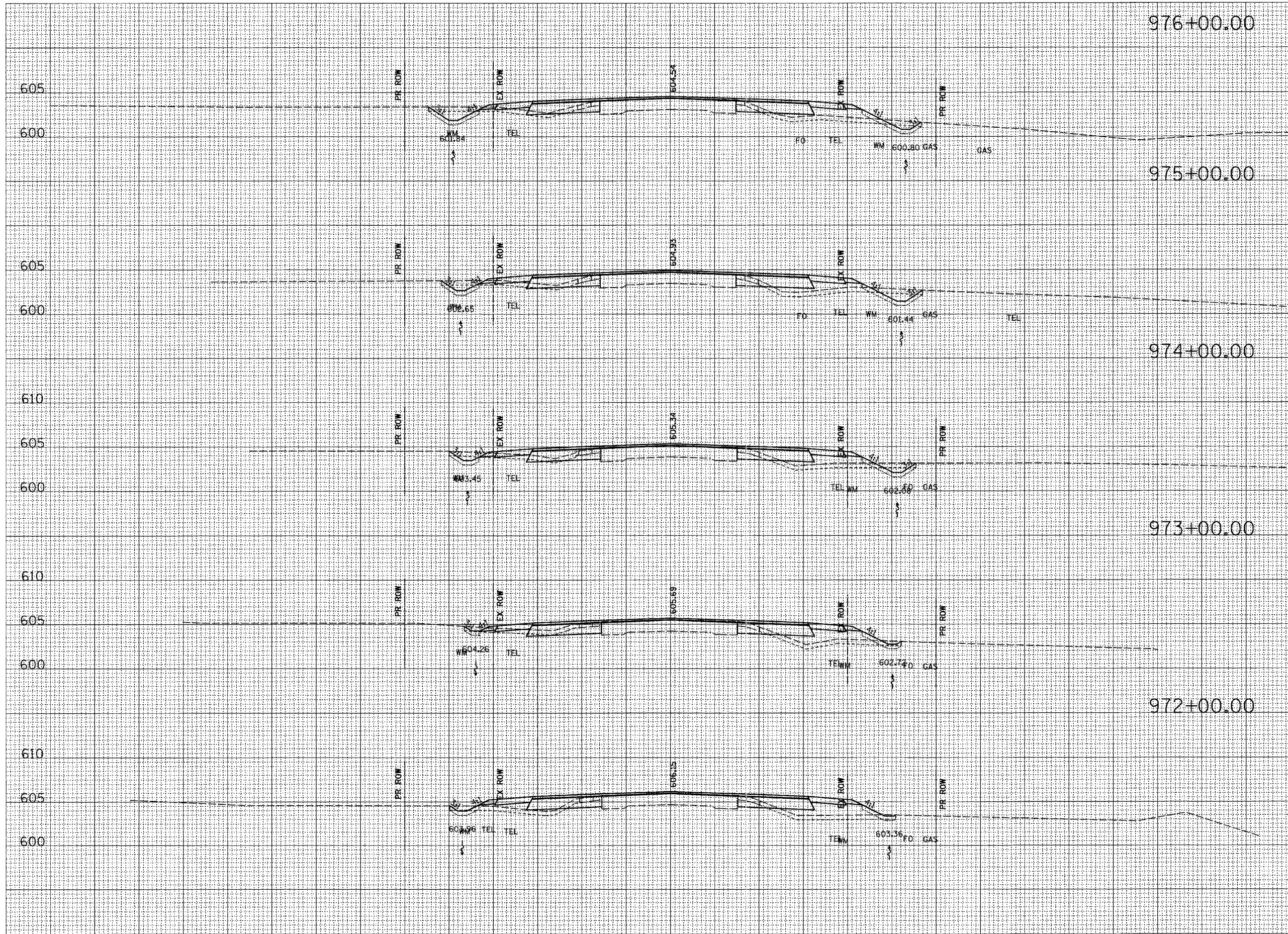


130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

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|---|---------|-----------|--------------|-----------|
| F.A.P. RTE.                                     | SECTION | COUNTY    | TOTAL SHEETS | SHEET NO. |
| 774   | *       | EFFINGHAM | 273          | 127       |
| STA. 972+00.00 TO STA. 976+00.00                |         |           |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |           |              |           |
| 107WRS-1, 107BY, 107BY-1 & 107B-2               |         |           |              |           |

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| DATE | BY |
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| DATE | BY |
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| DATE | BY |
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| DATE | BY |
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|           | STAGE II (LT) | STAGE I (RT) |
|-----------|---------------|--------------|
| 976+00.00 | CUT=16        | CUT=10       |
| 975+00.00 | FILL=7        | FILL=25      |
| 974+00.00 | TS_EXC=17     | TS_EXC=18    |
| 973+00.00 | TS_PLMT=6     | TS_PLMT=7    |
| 972+00.00 | CUT=12        | CUT=14       |
| 971+00.00 | FILL=4        | FILL=22      |
| 970+00.00 | TS_EXC=15     | TS_EXC=19    |
| 969+00.00 | TS_PLMT=4     | TS_PLMT=7    |
| 968+00.00 | CUT=11        | CUT=11       |
| 967+00.00 | FILL=3        | FILL=23      |
| 966+00.00 | TS_EXC=15     | TS_EXC=18    |
| 965+00.00 | TS_PLMT=3     | TS_PLMT=6    |
| 964+00.00 | CUT=10        | CUT=6        |
| 963+00.00 | FILL=3        | FILL=29      |
| 962+00.00 | TS_EXC=13     | TS_EXC=16    |
| 961+00.00 | TS_PLMT=2     | TS_PLMT=4    |
| 960+00.00 | CUT=8         | CUT=5        |
| 959+00.00 | FILL=15       | FILL=31      |
| 958+00.00 | TS_EXC=15     | TS_EXC=15    |
| 957+00.00 | TS_PLMT=3     | TS_PLMT=4    |

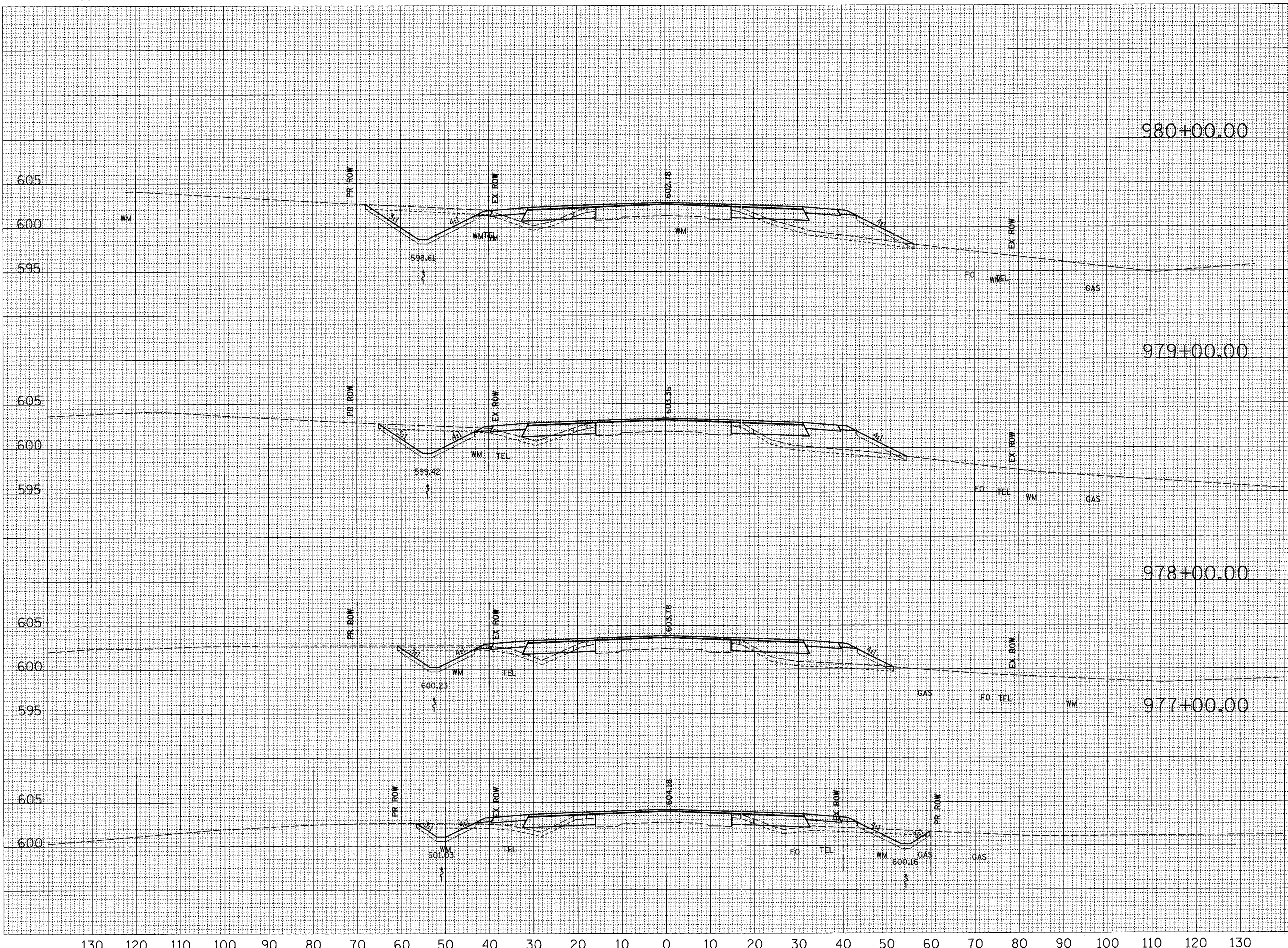
130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

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|---|---------|-----------|--------------|-----------|
| F.A.P. RTE.                                     | SECTION | COUNTY    | TOTAL SHEETS | SHEET NO. |
| 774   | *       | EFFINGHAM | 273          | 128       |
| STA. 977+00.00 TO STA. 980+00.00                |         |           |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |           |              |           |
| 107WRS-1, 107BY, 107BY-1 & 107B-2               |         |           |              |           |

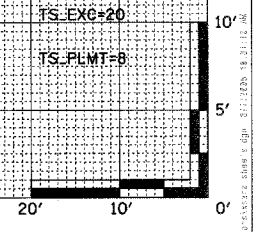
STAGE II (LT) STAGE I (RT)

|                 |  |
|-----------------|--|
| DATE            |  |
| BY              |  |
| FINISHED SURVEY |  |
| PLOTTED         |  |
| REPLATE         |  |
| NOTE BOOK       |  |
| AREAS CHECKED   |  |

|                 |  |
|-----------------|--|
| DATE            |  |
| BY              |  |
| ORIGINAL SURVEY |  |
| PLOTTED         |  |
| REPLATE         |  |
| NOTE BOOK       |  |
| AREAS CHECKED   |  |



|     |            |           |
|-----|------------|-----------|
| 605 | CUT=58     | CUT=4     |
| 600 | FILL=12    | FILL=55   |
| 595 | TS_EXC=24  | TS_EXC=18 |
|     | TS_PLMT=12 | TS_PLMT=7 |
| 605 | CUT=44     | CUT=4     |
| 600 | FILL=12    | FILL=55   |
| 595 | TS_EXC=22  | TS_EXC=17 |
|     | TS_PLMT=11 | TS_PLMT=5 |
| 605 | CUT=30     | CUT=4     |
| 600 | FILL=13    | FILL=45   |
| 595 | TS_EXC=20  | TS_EXC=16 |
|     | TS_PLMT=9  | TS_PLMT=4 |
| 605 | CUT=17     | CUT=17    |
| 600 | FILL=16    | FILL=20   |
| 595 | TS_EXC=18  | TS_EXC=20 |
|     | TS_PLMT=7  | TS_PLMT=8 |



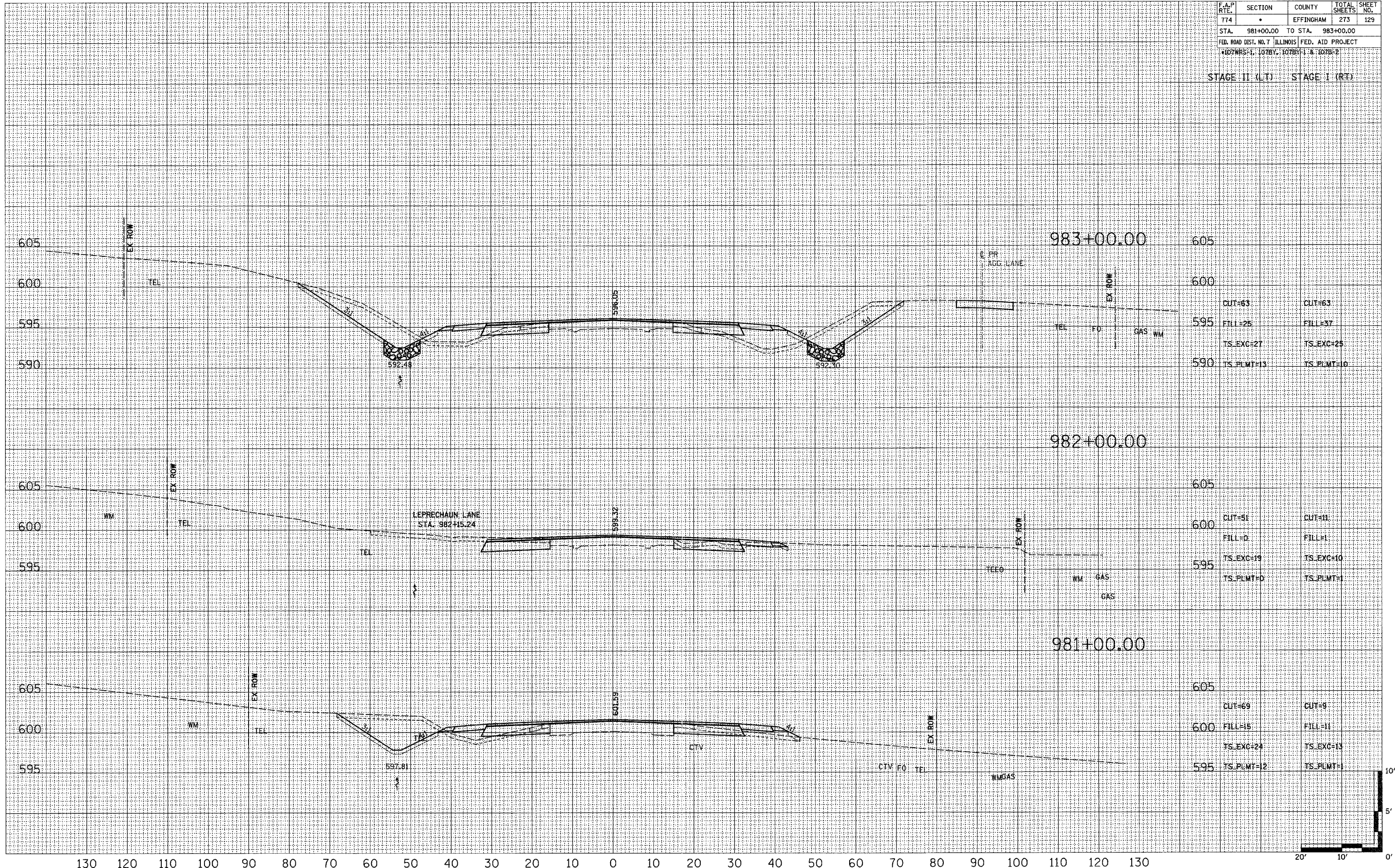
130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

|   |         |           |              |           |
|---|---------|-----------|--------------|-----------|
| F.A.P. RTE.                                     | SECTION | COUNTY    | TOTAL SHEETS | SHEET NO. |
| 774   |         | EFFINGHAM | 273          | 129       |
| STA. 981+00.00 TO STA. 983+00.00                |         |           |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |           |              |           |
| *107WRS-1, 107BY, 107BY-1 & 107B-2              |         |           |              |           |

STAGE II (LT) STAGE I (RT)

|      |    |
|------|----|
| DATE | BY |
|      |    |
| DATE | BY |
|      |    |
| DATE | BY |
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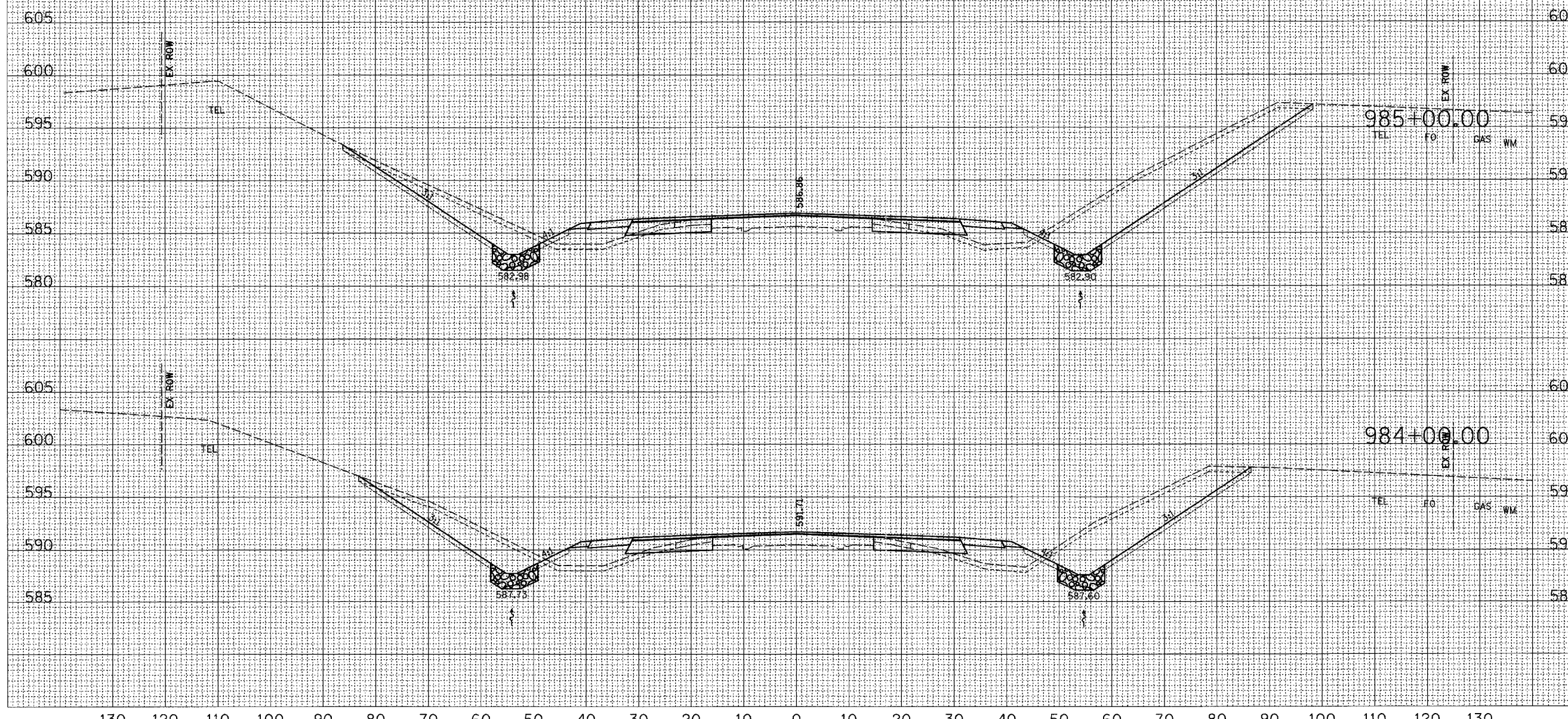


130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

|   |         |           |               |           |
|---|---------|-----------|---------------|-----------|
| F.A.P. RTE.                                     | SECTION | COUNTY    | TOTAL SHEETS  | SHEET NO. |
| 774   | *       | EFFINGHAM | 273           | 130       |
| STA. 984+00.00 TO STA. 985+00.00                |         |           |               |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |           |               |           |
| 407WRS-1, 107BY, 107BY-1 & 107B-2               |         |           |               |           |
| STAGE II (L.T.)                                 |         |           | STAGE I (RT.) |           |

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

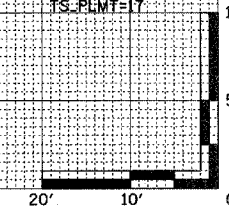
|                               |                                |    |      |
|-------------------------------|--------------------------------|----|------|
| ORIGINAL SURVEY NOTE BOOK NO. | SURVEYED PLOTTED AREAS CHECKED | BY | DATE |
|                               |                              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



|            |            |
|------------|------------|
| CUT=66     | CUT=169    |
| FILL=25    | FILL=25    |
| TS_EXC=32  | TS_EXC=38  |
| TS_PLMT=17 | TS_PLMT=23 |

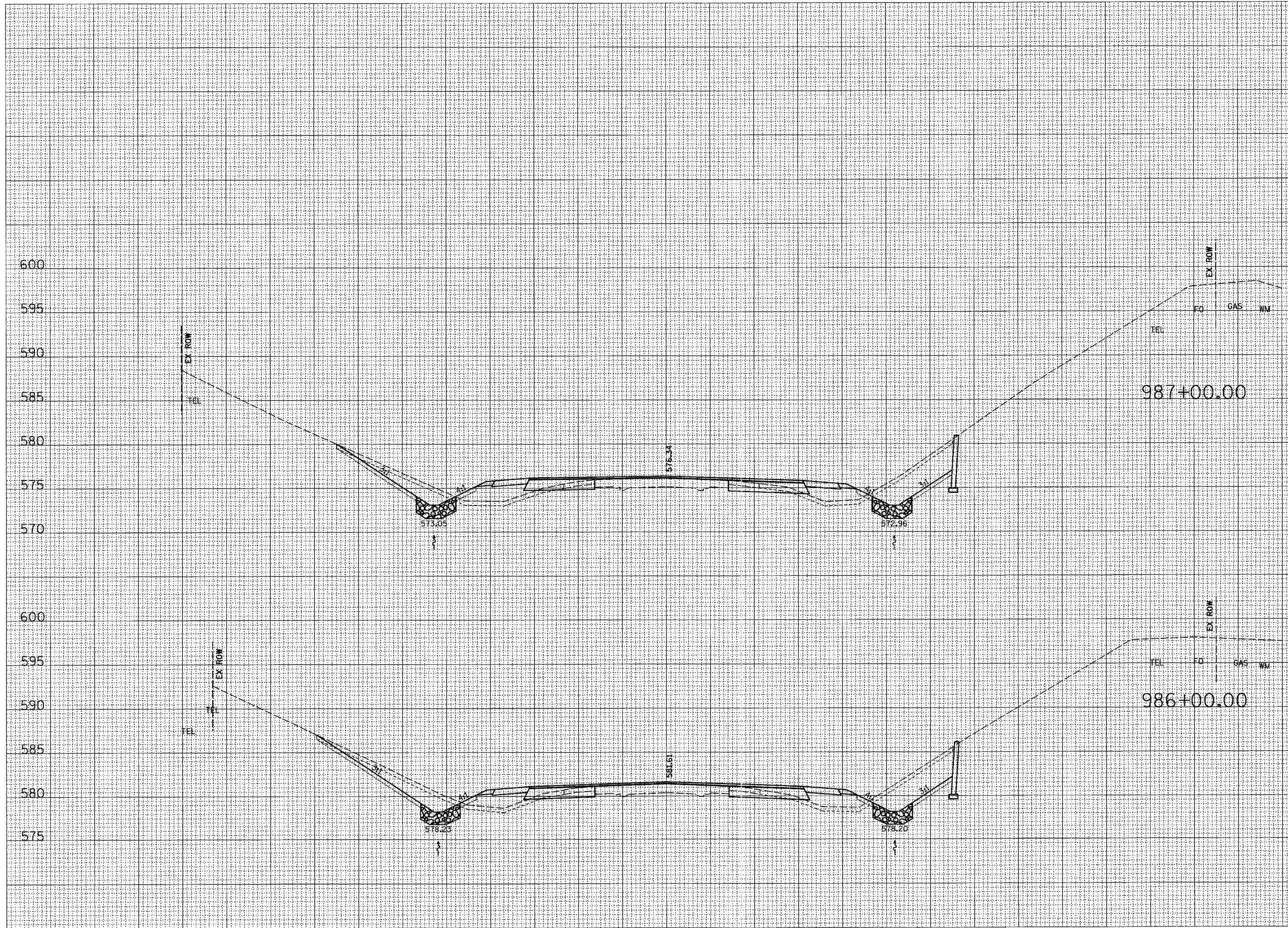
|            |            |
|------------|------------|
| CUT=69     | CUT=123    |
| FILL=31    | FILL=30    |
| TS_EXC=30  | TS_EXC=32  |
| TS_PLMT=15 | TS_PLMT=17 |



|   |         |           |              |           |
|---|---------|-----------|--------------|-----------|
| F.A.P. RTE.                                     | SECTION | COUNTY    | TOTAL SHEETS | SHEET NO. |
| 774   | *       | EFFINGHAM | 273          | 131       |
| STA. 986+00.00 TO STA. 987+00.00                |         |           |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |           |              |           |
| *107WRS-1, 107BY, 107BY-1 & 107B-2              |         |           |              |           |
| STAGE II (LT)                                   |         |           | STAGE I (RT) |           |

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| DATE | BY |
|      |    |
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| DATE | BY |
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| DATE | BY |
|      |    |
| DATE | BY |
|      |    |
| DATE | BY |
|      |    |



|            |           |
|------------|-----------|
| CUT=34     | CUT=67    |
| FILL=32    | FILL=24   |
| TS_EXC=26  | TS_EXC=22 |
| TS_PLMT=11 | TS_PLMT=5 |

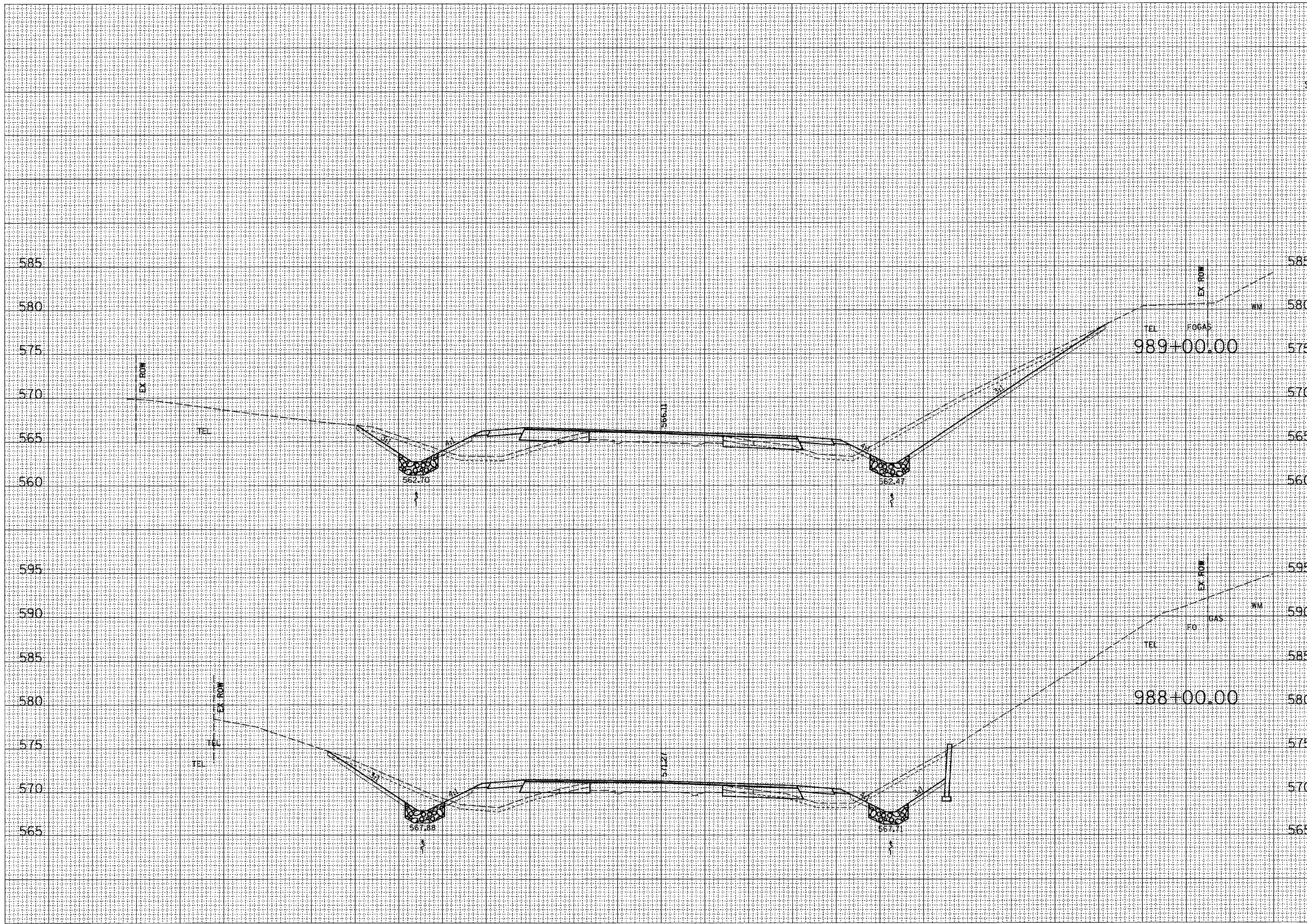
|            |           |
|------------|-----------|
| CUT=45     | CUT=66    |
| FILL=24    | FILL=24   |
| TS_EXC=28  | TS_EXC=22 |
| TS_PLMT=14 | TS_PLMT=5 |

10' 5' 0'

|   |              |                     |                     |                  |
|---|--------------|---------------------|---------------------|------------------|
| F.A.P. RTE.<br>774                              | SECTION<br>• | COUNTY<br>EFFINGHAM | TOTAL SHEETS<br>273 | SHEET NO.<br>132 |
| STA. 988+00.00 TO STA. 989+00.00                |              |                     |                     |                  |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |              |                     |                     |                  |
| *107WRS-1, 107BY, 107BY-1 & 107B-2              |              |                     |                     |                  |
| STAGE II (LT)                                   |              |                     | STAGE I (RT)        |                  |

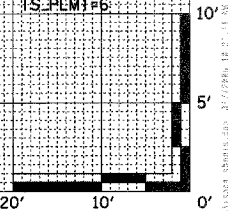
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|---------------|----|
| DATE          | BY |
|               |    |
| NO.           |    |
| AREAS CHECKED |    |
| AREAS DATE    |    |
| PLOTTED       |    |
| SURVEYED      |    |
| FINAL SURVEY  |    |

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



|           |            |
|-----------|------------|
| CUT=28    | CUT=110    |
| FILL=48   | FILL=21    |
| TS_EXC=23 | TS_EXC=40  |
| TS_PLMT=9 | TS_PLMT=25 |

|            |           |
|------------|-----------|
| CUT=39     | CUT=67    |
| FILL=40    | FILL=19   |
| TS_EXC=26  | TS_EXC=22 |
| TS_PLMT=12 | TS_PLMT=6 |



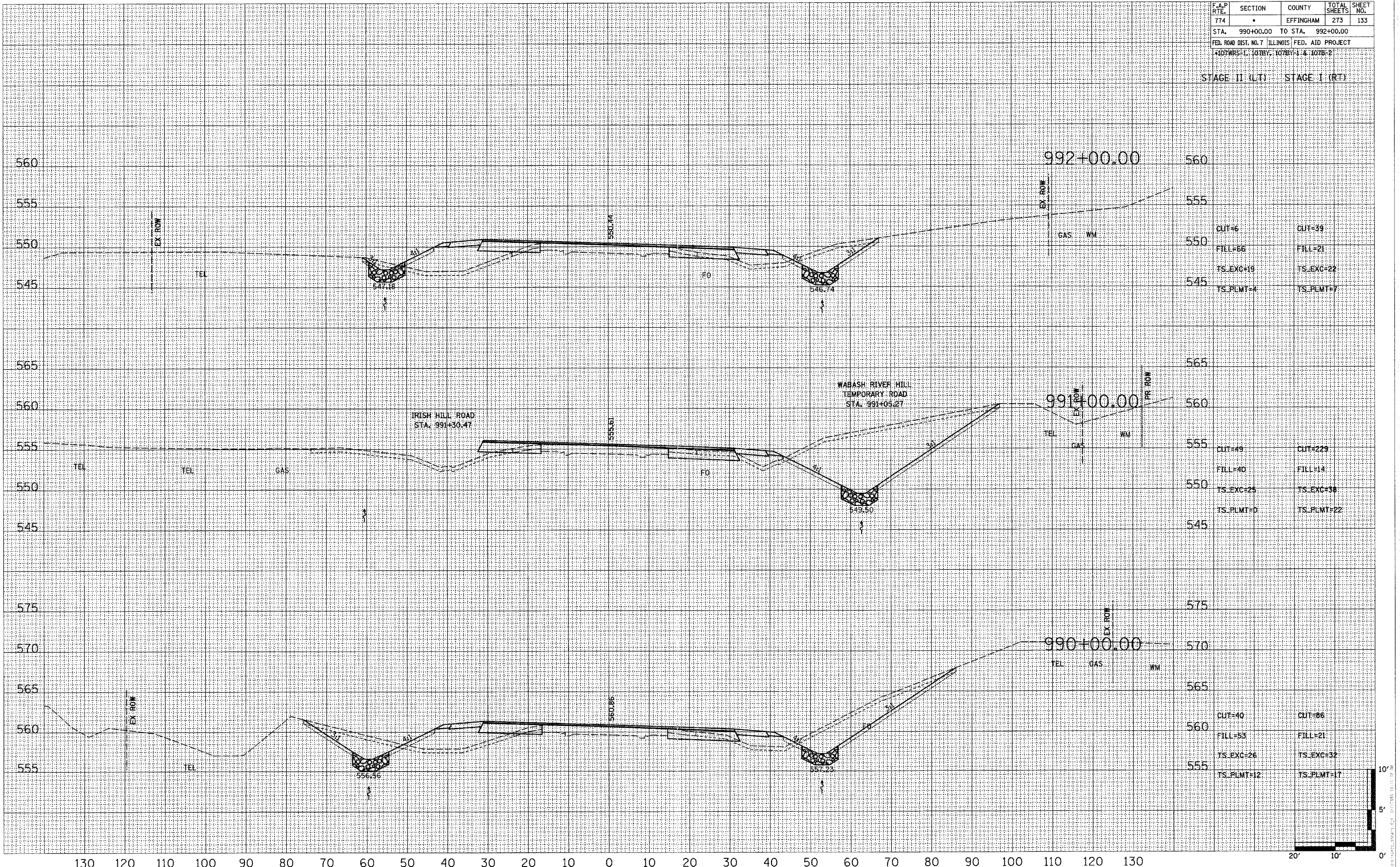


| F.A.P. RTE.                                     | SECTION | COUNTY    | TOTAL SHEETS | SHEET NO. |
|---|---------|-----------|--------------|-----------|
| 774   | *       | EFFINGHAM | 273          | 133       |
| STA. 990+00.00 TO STA. 992+00.00                |         |           |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |           |              |           |
| 107WRS-1, 107BY, 107BY-1 & 107B-2               |         |           |              |           |

STAGE II (LT) STAGE I (RT)

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

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



|           |           |
|-----------|-----------|
| CUT=6     | CUT=39    |
| FILL=66   | FILL=21   |
| TS_EXC=19 | TS_EXC=22 |
| TS_PLMT=4 | TS_PLMT=7 |

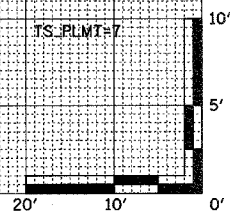
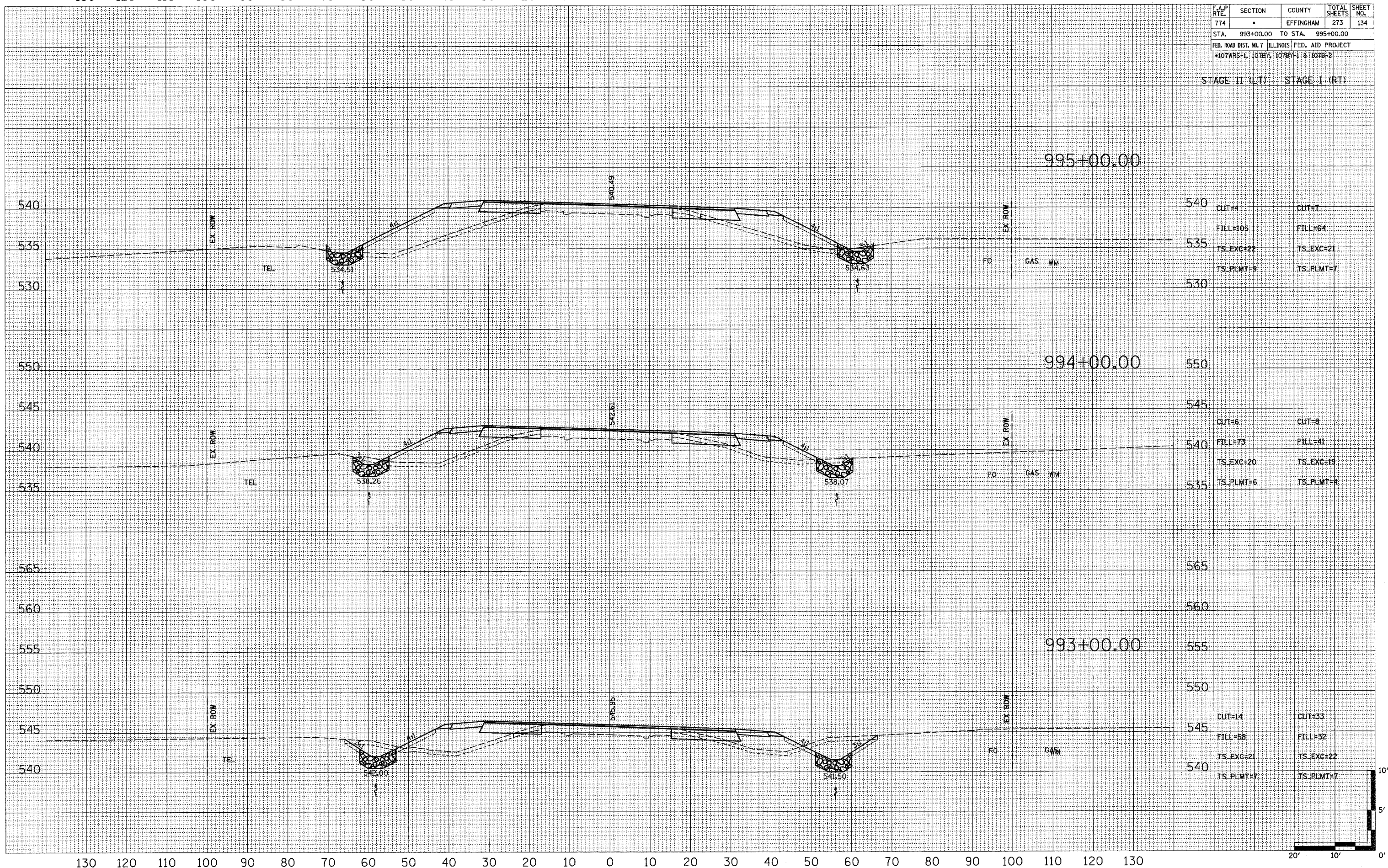
|           |            |
|-----------|------------|
| CUT=49    | CUT=229    |
| FILL=40   | FILL=14    |
| TS_EXC=25 | TS_EXC=38  |
| TS_PLMT=0 | TS_PLMT=22 |

|            |            |
|------------|------------|
| CUT=40     | CUT=86     |
| FILL=53    | FILL=21    |
| TS_EXC=26  | TS_EXC=32  |
| TS_PLMT=12 | TS_PLMT=17 |

|                       |           |                  |                                    |           |
|-----------------------|-----------|------------------|------------------------------------|-----------|
| F.A.P. RTE.           | SECTION   | COUNTY           | TOTAL SHEETS                       | SHEET NO. |
| 774                   |           | EFFINGHAM        | 273                                | 134       |
| STA.                  | 993+00.00 | TO STA.          | 995+00.00                          |           |
| FED. ROAD DIST. NO. 7 | ILLINOIS  | FED. AID PROJECT | *107WRS-1, 107BY, 107BY-1 & 107B-2 |           |
|                       |           | STAGE II (LT)    | STAGE I (RT)                       |           |

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|------|----|
| DATE | BY |
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| DATE | BY |
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| DATE | BY |
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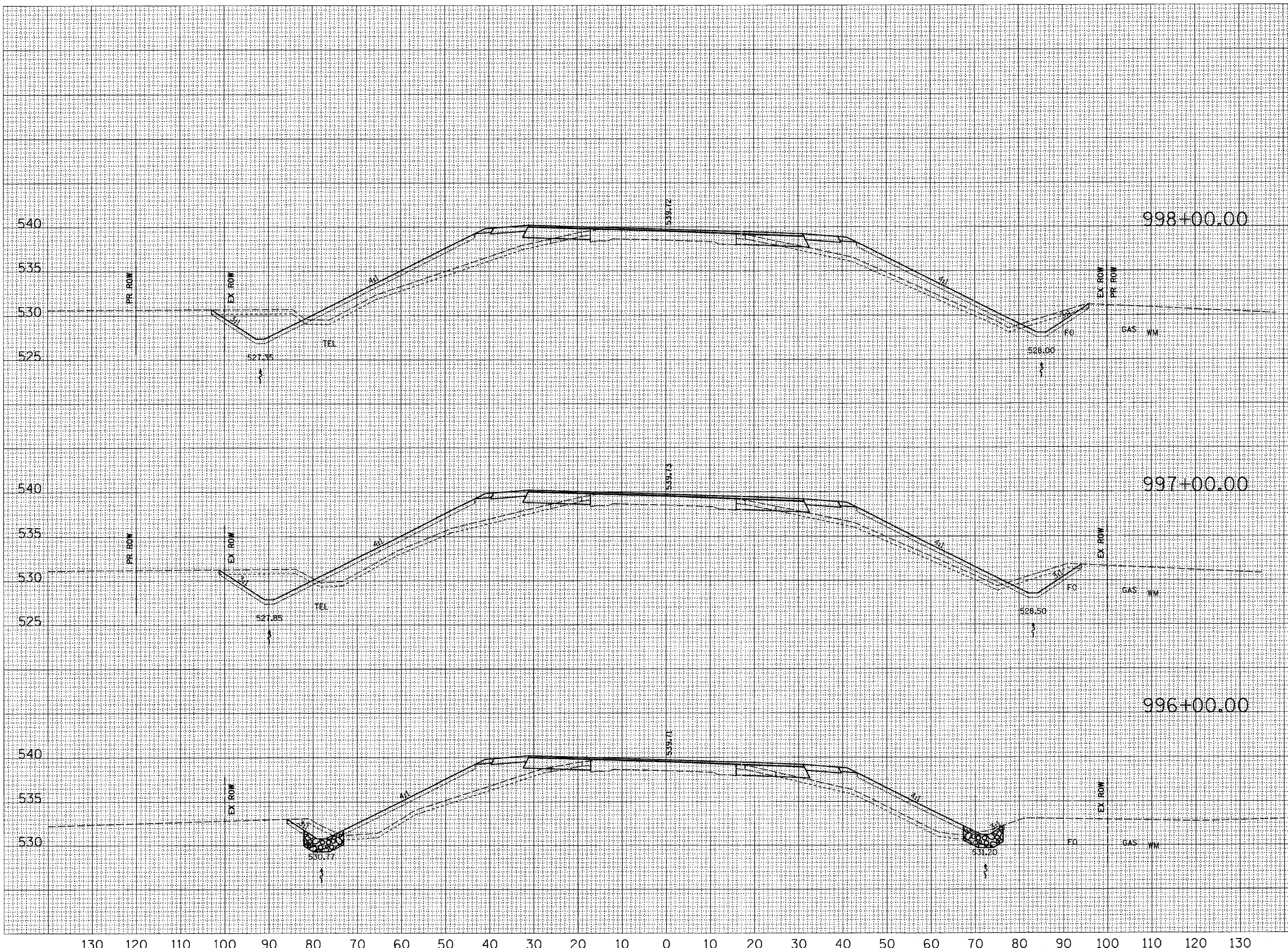


| F.A.P. RTE.                                     | SECTION | COUNTY    | TOTAL SHEETS | SHEET NO. |
|---|---------|-----------|--------------|-----------|
| 774   | *       | EFFINGHAM | 273          | 135       |
| STA. 996+00.00 TO STA. 998+00.00                |         |           |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |           |              |           |
| 107WRS-1, 107BY, 107BY-1 & 107B-2               |         |           |              |           |

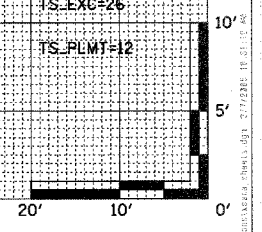
STAGE II (LT)      STAGE I (RT)

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

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



| STAGE II (LT) | STAGE I (RT) |
|---------------|--------------|
| CUT=46        | CUT=23       |
| FILL=107      | FILL=72      |
| TS_EXC=38     | TS_EXC=35    |
| TS_PLMT=30    | TS_PLMT=26   |
|               |              |
| CUT=47        | CUT=29       |
| FILL=96       | FILL=66      |
| TS_EXC=38     | TS_EXC=35    |
| TS_PLMT=29    | TS_PLMT=25   |
|               |              |
| CUT=13        | CUT=7        |
| FILL=97       | FILL=77      |
| TS_EXC=30     | TS_EXC=26    |
| TS_PLMT=17    | TS_PLMT=12   |



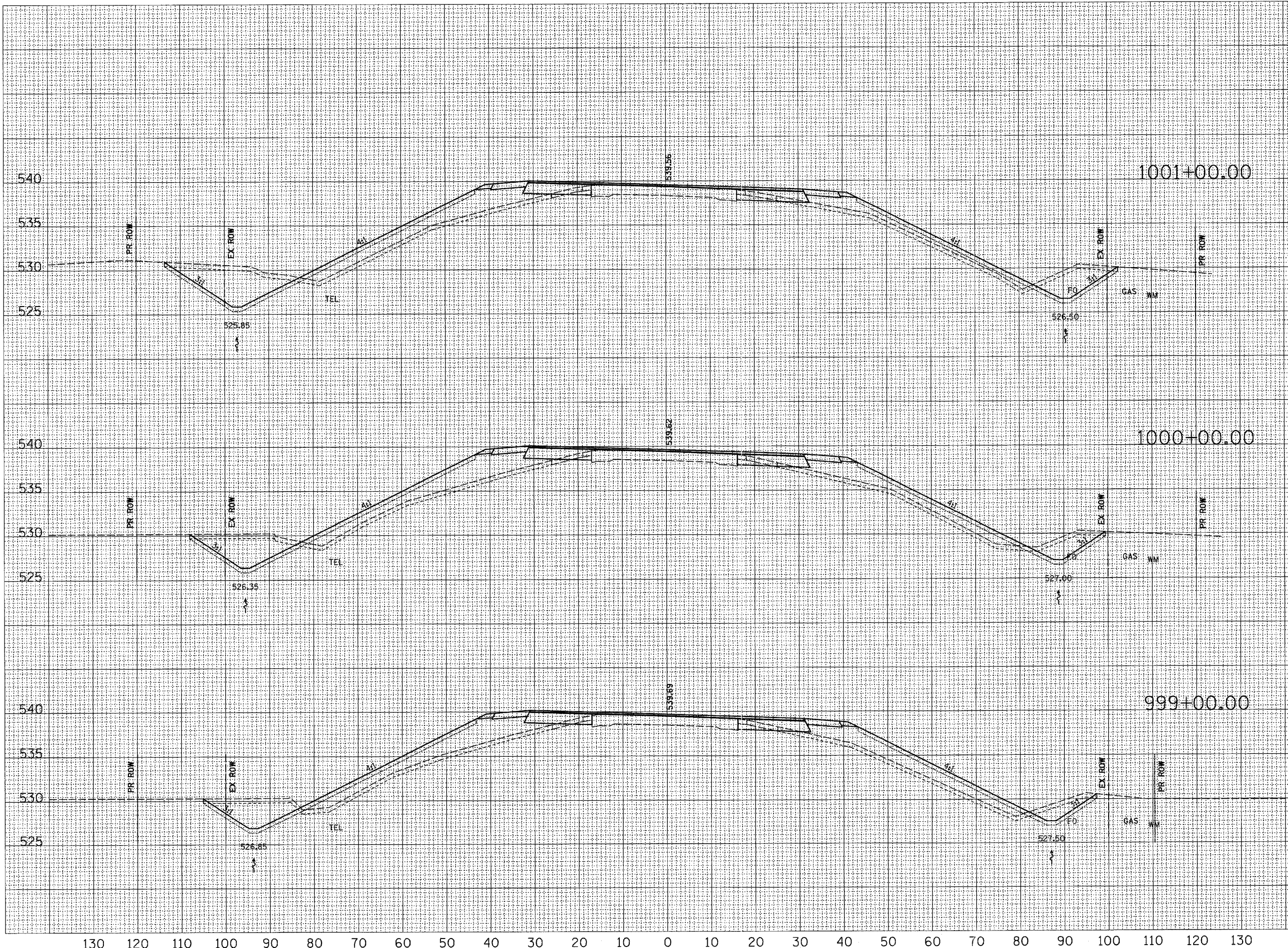
| F.A.P. RTE. | SECTION | COUNTY    | TOTAL SHEETS | SHEET NO. |
|-------------|---------|-----------|--------------|-----------|
| 774         |         | EFFINGHAM | 273          | 136       |

STA. 999+00.00 TO STA. 1001+00.00  
 FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT  
 107WRS-1, 107BY, 107BY-1 & 107B-2

STAGE II (LT) STAGE I (RT)

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|------|----|
| DATE | BY |
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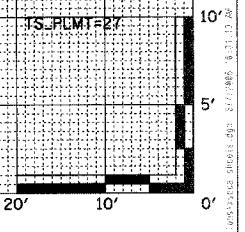
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| DATE | BY |
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| STAGE II (LT) | STAGE I (RT) |
|---------------|--------------|
| CUT=80        | CUT=45       |
| FILL=100      | FILL=56      |
| TS_EXC=44     | TS_EXC=38    |
| TS_PLMT=35    | TS_PLMT=30   |

| STAGE II (LT) | STAGE I (RT) |
|---------------|--------------|
| CUT=56        | CUT=0        |
| FILL=104      | FILL=0       |
| TS_EXC=41     | TS_EXC=0     |
| TS_PLMT=32    | TS_PLMT=0    |

| STAGE II (LT) | STAGE I (RT) |
|---------------|--------------|
| CUT=49        | CUT=26       |
| FILL=104      | FILL=87      |
| TS_EXC=40     | TS_EXC=36    |
| TS_PLMT=31    | TS_PLMT=27   |



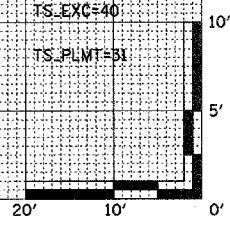
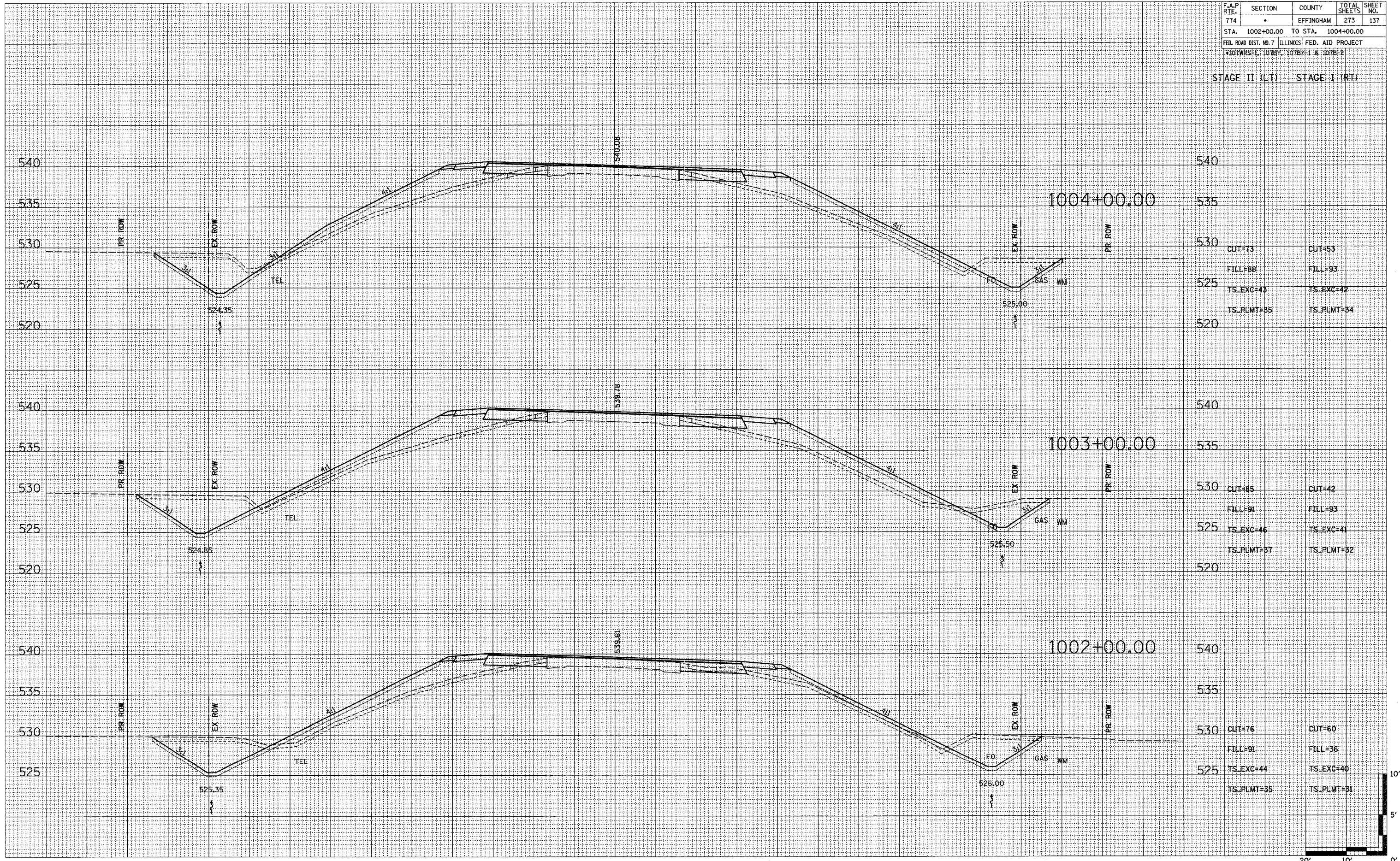
130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

|   |         |           |              |           |
|---|---------|-----------|--------------|-----------|
| F.A.P. RTE.                                     | SECTION | COUNTY    | TOTAL SHEETS | SHEET NO. |
| 774   | *       | EFFINGHAM | 273          | 137       |
| STA. 1002+00.00 TO STA. 1004+00.00              |         |           |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |           |              |           |
| *107WRS-1, 107BY, 107BY-1 & 107B-2              |         |           |              |           |

STAGE II (LT) STAGE I (RT)

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

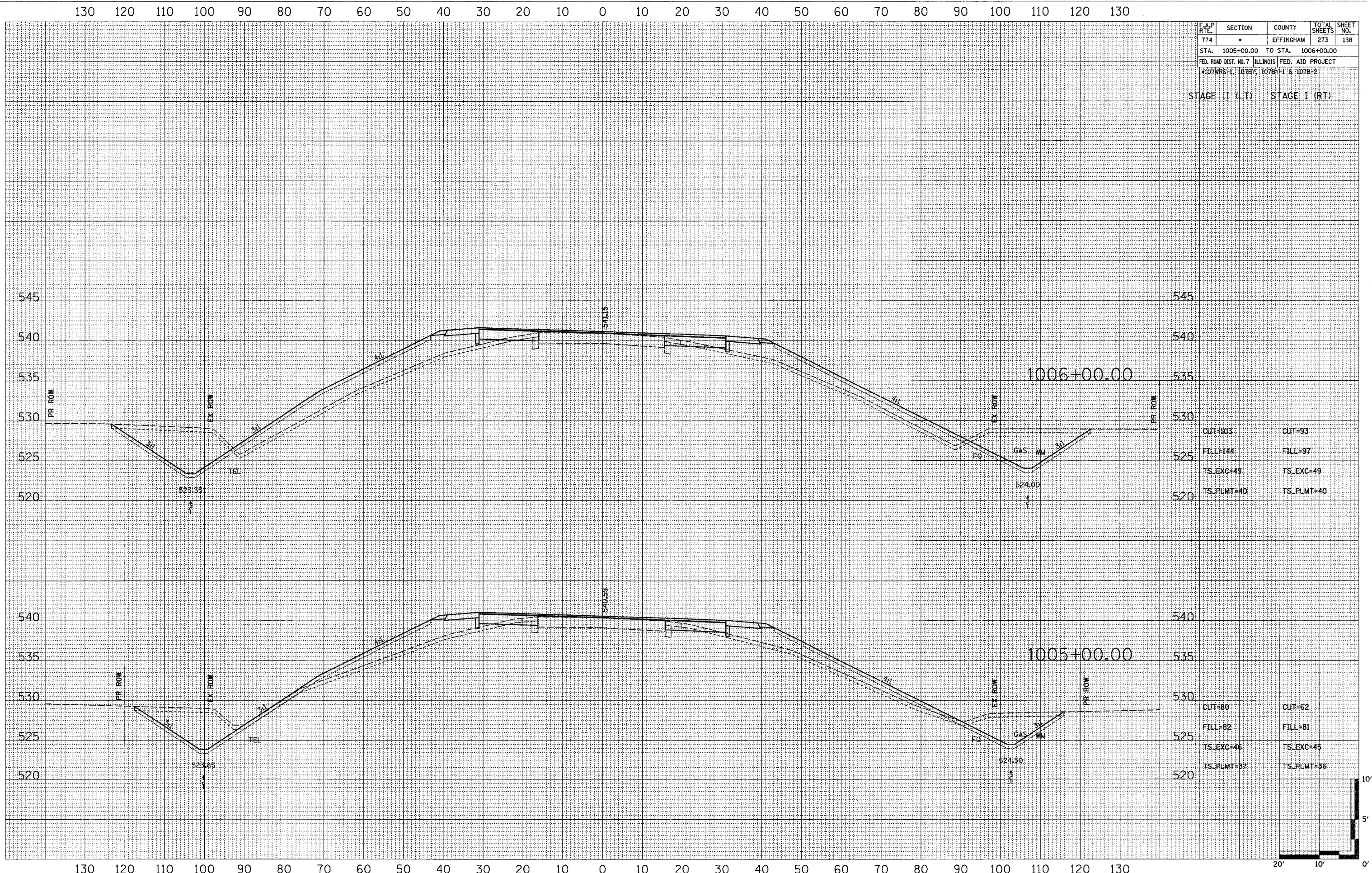
|                 |               |      |
|-----------------|---------------|------|
| ORIGINAL SURVEY | CHECKED       | DATE |
| NOTE BOOK       | PLOTTED       |      |
| NO.             | TEMPLATE      |      |
|                 | AREAS CHECKED |      |



|   |         |           |                |           |
|---|---------|-----------|----------------|-----------|
| F.A.P. RTE.                                     | SECTION | COUNTY    | TOTAL SHEETS   | SHEET NO. |
| 774   |         | EFFINGHAM | 273            | 138       |
| STA. 1005+00.00 TO STA. 1006+00.00              |         |           |                |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |           |                |           |
| 4107WRS-1, 107BY, 107BY-1 & 107B-2              |         |           |                |           |
| STAGE II (L.T.)                                 |         |           | STAGE I (R.T.) |           |

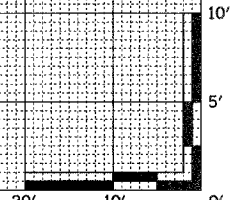
|                            |               |      |
|----------------------------|---------------|------|
| FINAL SURVEY NOTE BOOK NO. | SUBMITTED     | DATE |
|                            | PLOTTED       |      |
|                            | TEMPLATE      |      |
|                            |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

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



|            |            |
|------------|------------|
| CUT=103    | CUT=93     |
| FILL=144   | FILL=97    |
| TS_EXC=49  | TS_EXC=49  |
| TS_PLMT=40 | TS_PLMT=40 |

|            |            |
|------------|------------|
| CUT=80     | CUT=62     |
| FILL=82    | FILL=81    |
| TS_EXC=46  | TS_EXC=45  |
| TS_PLMT=37 | TS_PLMT=36 |

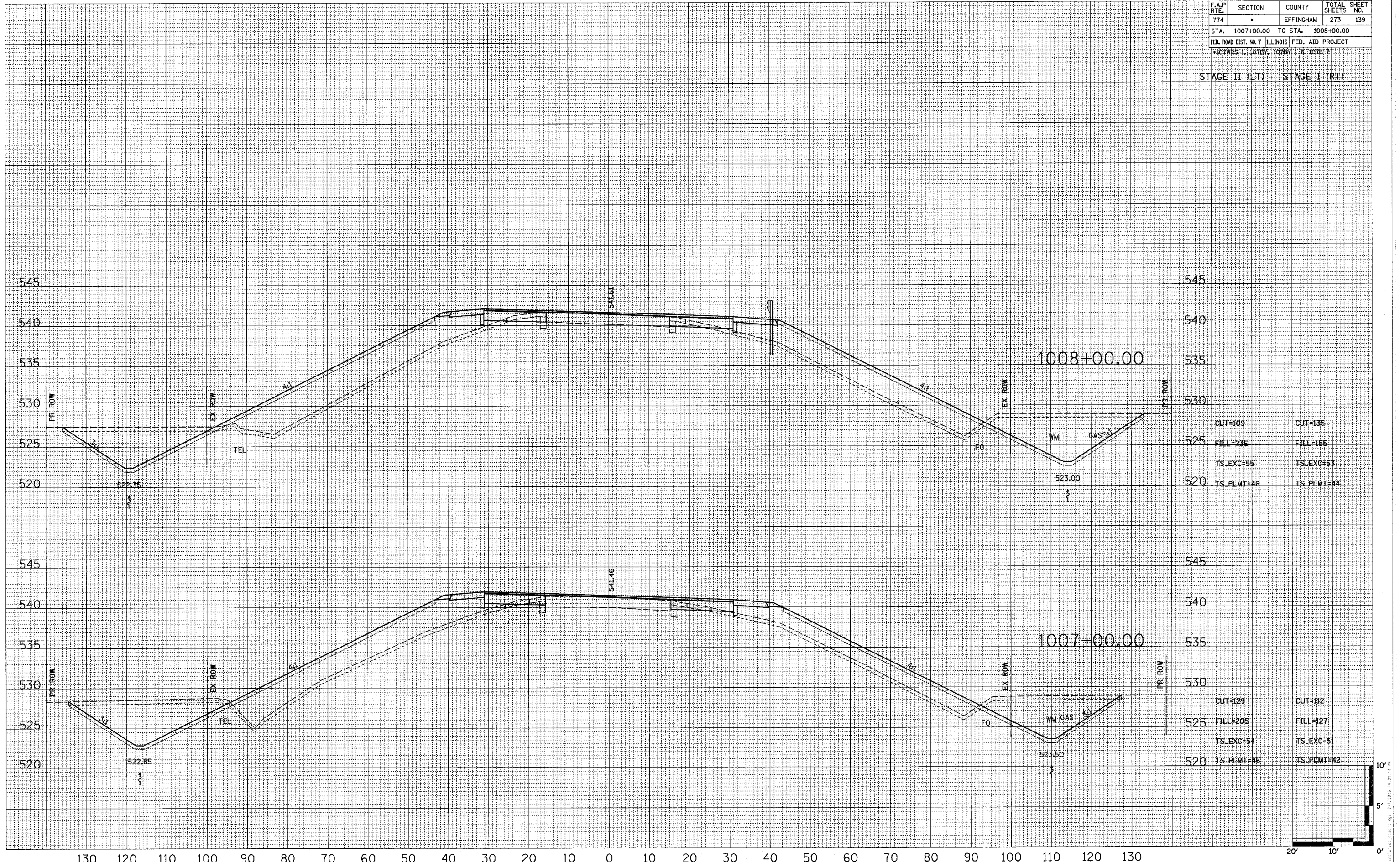


130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

|   |         |           |              |           |
|---|---------|-----------|--------------|-----------|
| F.A.P. RTE.                                     | SECTION | COUNTY    | TOTAL SHEETS | SHEET NO. |
| 774   |         | EFFINGHAM | 273          | 139       |
| STA. 1007+00.00 TO STA. 1008+00.00              |         |           |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |           |              |           |
| *107WRS-1, 107BY, 107BY-1 & 107B-2              |         |           |              |           |
| STAGE II (LT)                                   |         |           | STAGE I (RT) |           |

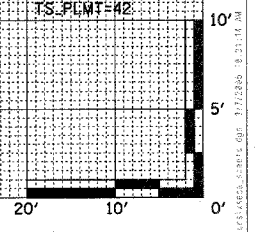
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| FINAL SURVEY | DATE |
| NOTED        |      |
| PLOTTED      |      |
| TEMPLATE     |      |
| AREAS        |      |
| CHECKED      |      |

|                 |      |
|-----------------|------|
| ORIGINAL SURVEY | DATE |
| NOTED           |      |
| PLOTTED         |      |
| TEMPLATE        |      |
| AREAS           |      |
| CHECKED         |      |



|            |            |
|------------|------------|
| CUT=109    | CUT=135    |
| FILL=236   | FILL=155   |
| TS_EXC=55  | TS_EXC=53  |
| TS_PLMT=46 | TS_PLMT=44 |

|            |            |
|------------|------------|
| CUT=128    | CUT=112    |
| FILL=205   | FILL=127   |
| TS_EXC=54  | TS_EXC=51  |
| TS_PLMT=46 | TS_PLMT=42 |

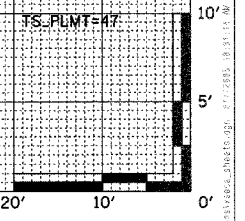
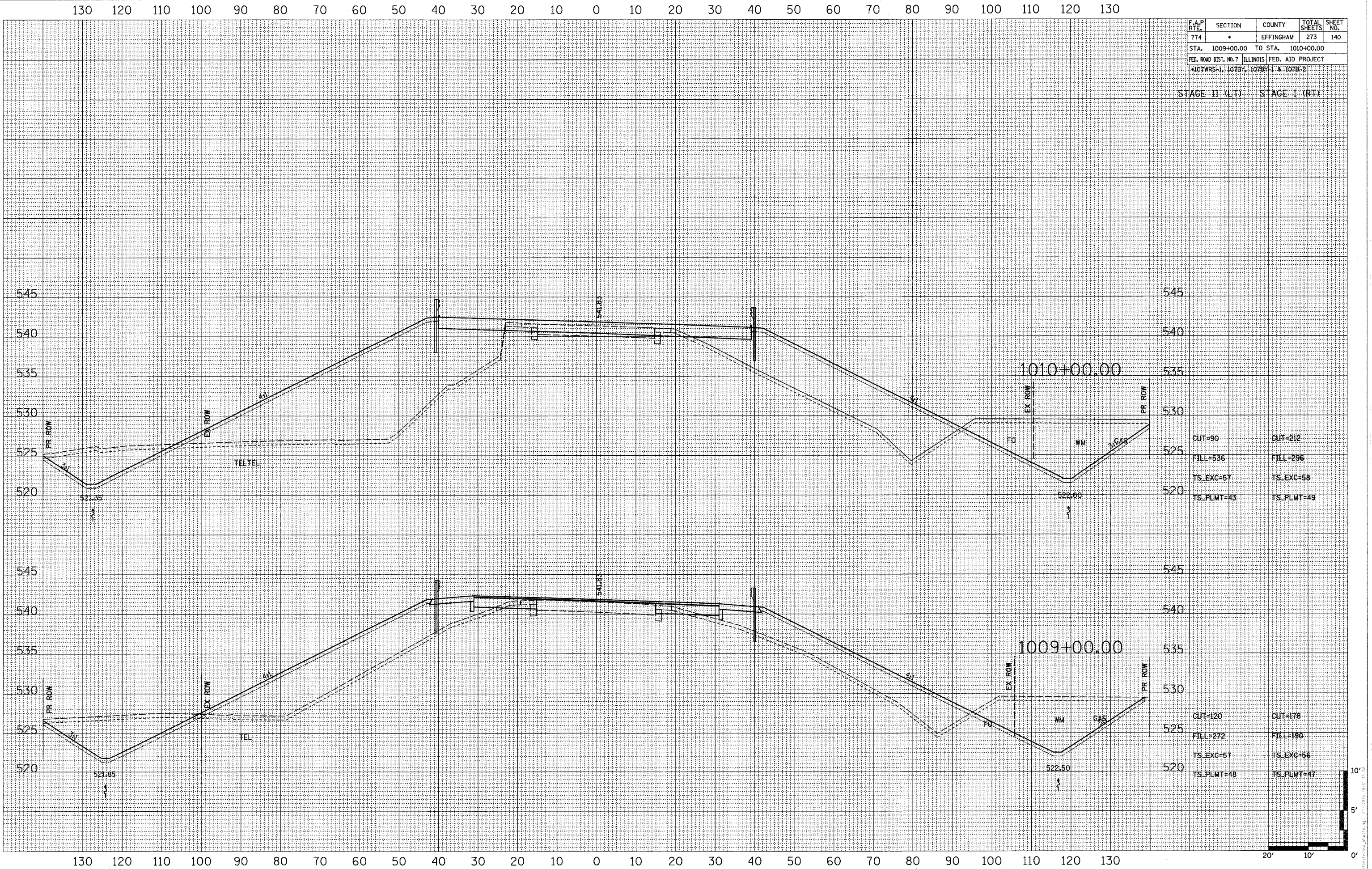


|   |         |                    |              |           |
|---|---------|--------------------|--------------|-----------|
| F.A.P. RTE.                                     | SECTION | COUNTY             | TOTAL SHEETS | SHEET NO. |
| 774   | *       | EFFINGHAM          | 273          | 140       |
| STA. 1009+00.00                                 |         | TO STA. 1010+00.00 |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |                    |              |           |
| *107WRS-1, 107BY, 107BY-1 & 107B-2              |         |                    |              |           |

STAGE II (LT) STAGE I (RT)

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

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







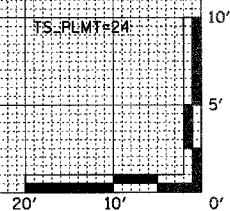
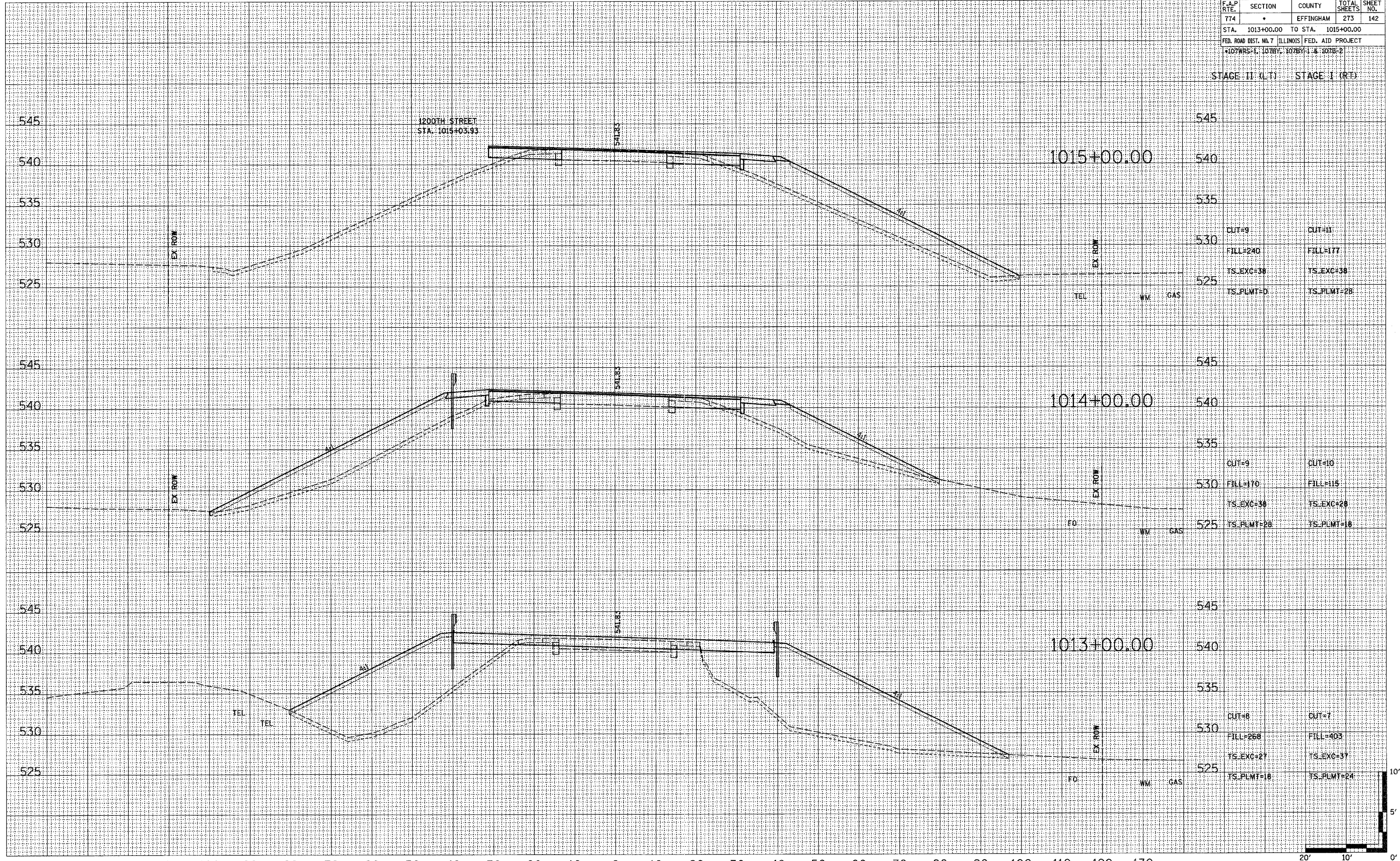
130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

|   |                    |           |              |           |
|---|--------------------|-----------|--------------|-----------|
| F.A.P. RTE.                                     | SECTION            | COUNTY    | TOTAL SHEETS | SHEET NO. |
| 774   | *                  | EFFINGHAM | 273          | 142       |
| STA. 1013+00.00                                 | TO STA. 1015+00.00 |           |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |                    |           |              |           |
| *107WRS-1, 107BY, 107BY-1 & 107B-2              |                    |           |              |           |

STAGE II (LT) STAGE I (RT)

|           |    |
|-----------|----|
| DATE      | BY |
|           |    |
| REVISIONS |    |
| NO.       |    |
| DATE      | BY |
|           |    |
| REVISIONS |    |
| NO.       |    |
| DATE      | BY |
|           |    |
| REVISIONS |    |
| NO.       |    |

|           |    |
|-----------|----|
| DATE      | BY |
|           |    |
| REVISIONS |    |
| NO.       |    |
| DATE      | BY |
|           |    |
| REVISIONS |    |
| NO.       |    |
| DATE      | BY |
|           |    |
| REVISIONS |    |
| NO.       |    |







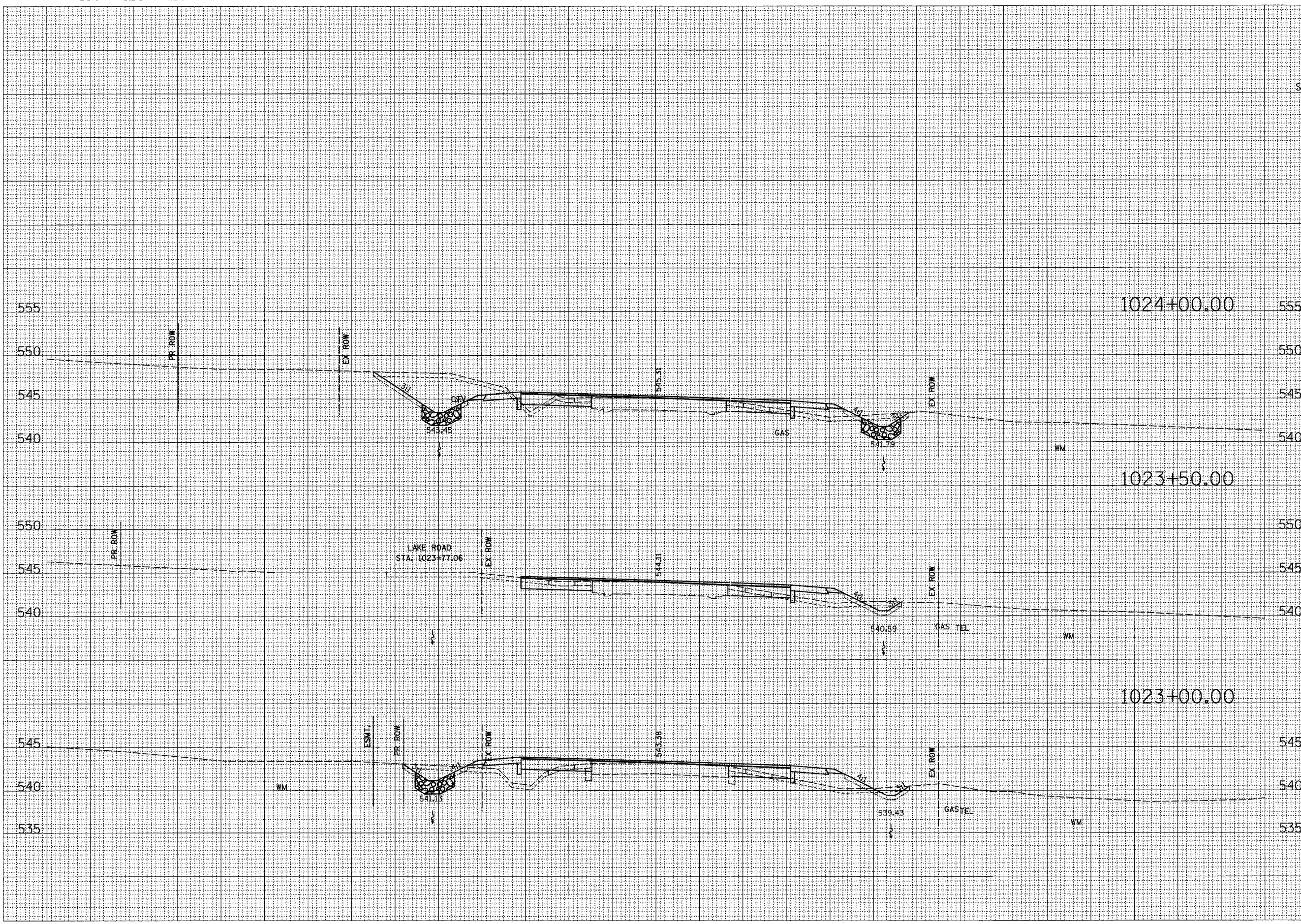


|   |              |                     |                     |                  |
|---|--------------|---------------------|---------------------|------------------|
| F.A.P. RTE.<br>774                              | SECTION<br>• | COUNTY<br>EFFINGHAM | TOTAL SHEETS<br>273 | SHEET NO.<br>146 |
| STA. 1023+00.00                                 |              | TO STA. 1024+00.00  |                     |                  |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |              |                     |                     |                  |
| *107WRS-1, 107BY, 107BY-1 & 107B-2              |              |                     |                     |                  |

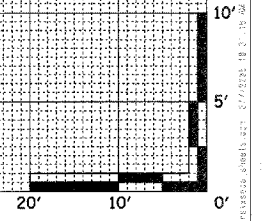
STAGE II (LT) STAGE I (RT)

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

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



|            |           |
|------------|-----------|
| CUT=77     | CUT=13    |
| FILL=5     | FILL=16   |
| TS_EXC=20  | TS_EXC=16 |
| TS_PLMT=6  | TS_PLMT=3 |
| WM         |           |
| 1024+00.00 |           |
| 555        |           |
| 550        |           |
| 545        |           |
| 540        |           |
| 1023+50.00 |           |
| 550        |           |
| 545        |           |
| 540        |           |
| CUT=49     | CUT=13    |
| FILL=0     | FILL=19   |
| TS_EXC=19  | TS_EXC=15 |
| TS_PLMT=D  | TS_PLMT=7 |
| WM         |           |
| 1023+00.00 |           |
| 545        |           |
| 540        |           |
| 535        |           |
| CUT=14     | CUT=11    |
| FILL=28    | FILL=27   |
| TS_EXC=17  | TS_EXC=16 |
| TS_PLMT=3  | TS_PLMT=7 |
| WM         |           |

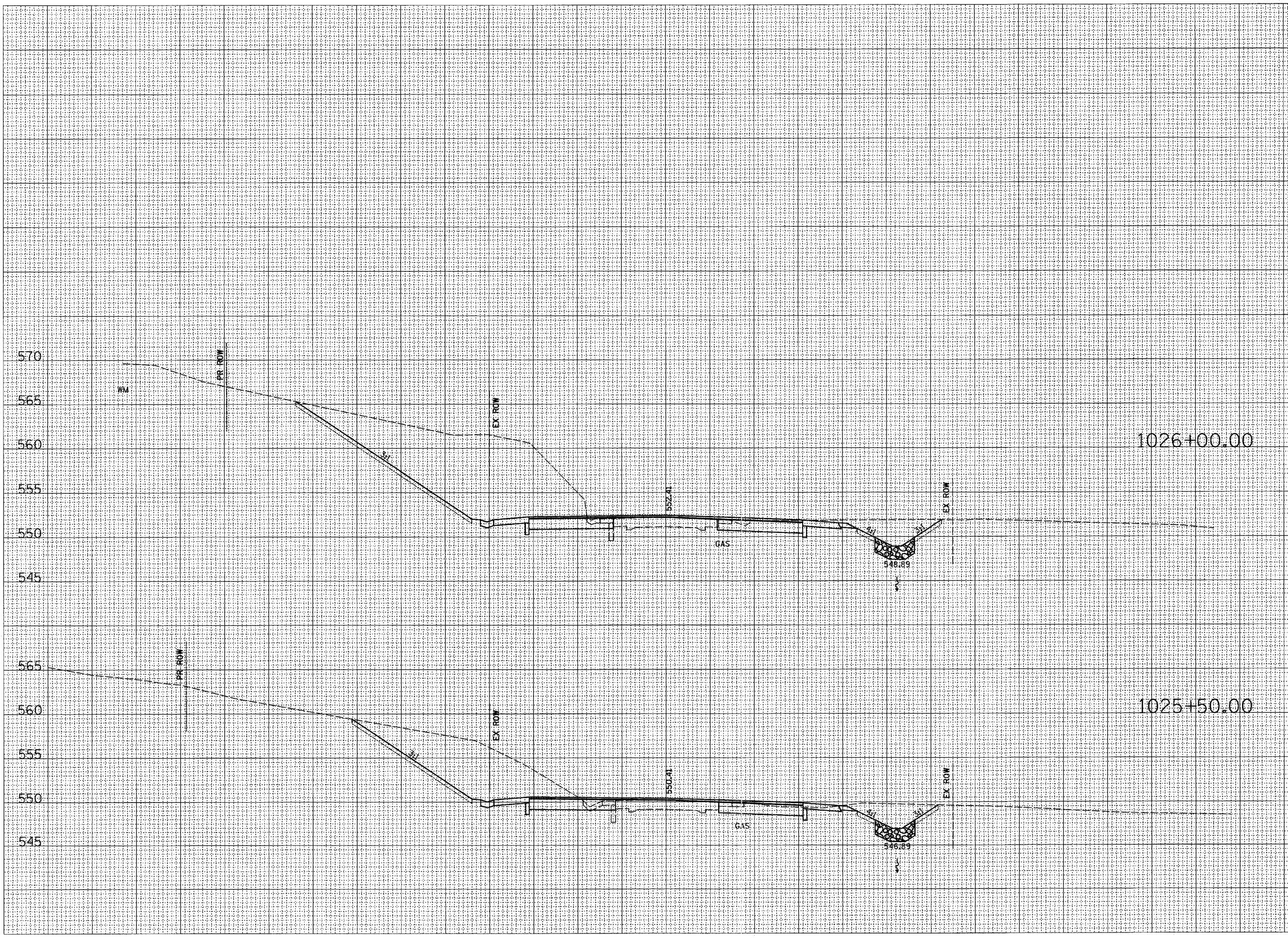




|   |         |           |              |           |
|---|---------|-----------|--------------|-----------|
| F.A.P. RTE.                                     | SECTION | COUNTY    | TOTAL SHEETS | SHEET NO. |
| 774   | *       | EFFINGHAM | 273          | 148       |
| STA. 1025+50.00 TO STA. 1026+00.00              |         |           |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |           |              |           |
| 107WRS-1, 107BY, 107BY-1 & 107B-2               |         |           |              |           |
| STAGE II (LT)                                   |         |           | STAGE I (RT) |           |

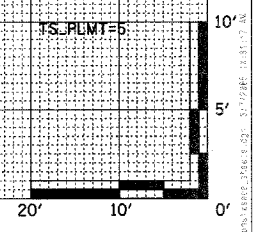
|                  |               |    |      |
|------------------|---------------|----|------|
| FINAL SURVEY NO. | SURVEYED      | BY | DATE |
|                  | PLOTTED       |    |      |
|                  | TEMPLATE      |    |      |
|                  | AREAS CHECKED |    |      |

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



|     |     |
|-----|-----|
| 570 | 570 |
| 565 | 565 |
| 560 | 560 |
| 555 | 555 |
| 550 | 550 |
| 545 | 545 |
| 565 | 565 |
| 560 | 560 |
| 555 | 555 |
| 550 | 550 |
| 545 | 545 |

|            |           |
|------------|-----------|
| CUT=414    | CUT=72    |
| FILL=0     | FILL=0    |
| TS_EXC=0   | TS_EXC=0  |
| TS_PLMT=20 | TS_PLMT=5 |
| CUT=218    | CUT=62    |
| FILL=0     | FILL=0    |
| TS_EXC=0   | TS_EXC=0  |
| TS_PLMT=14 | TS_PLMT=5 |



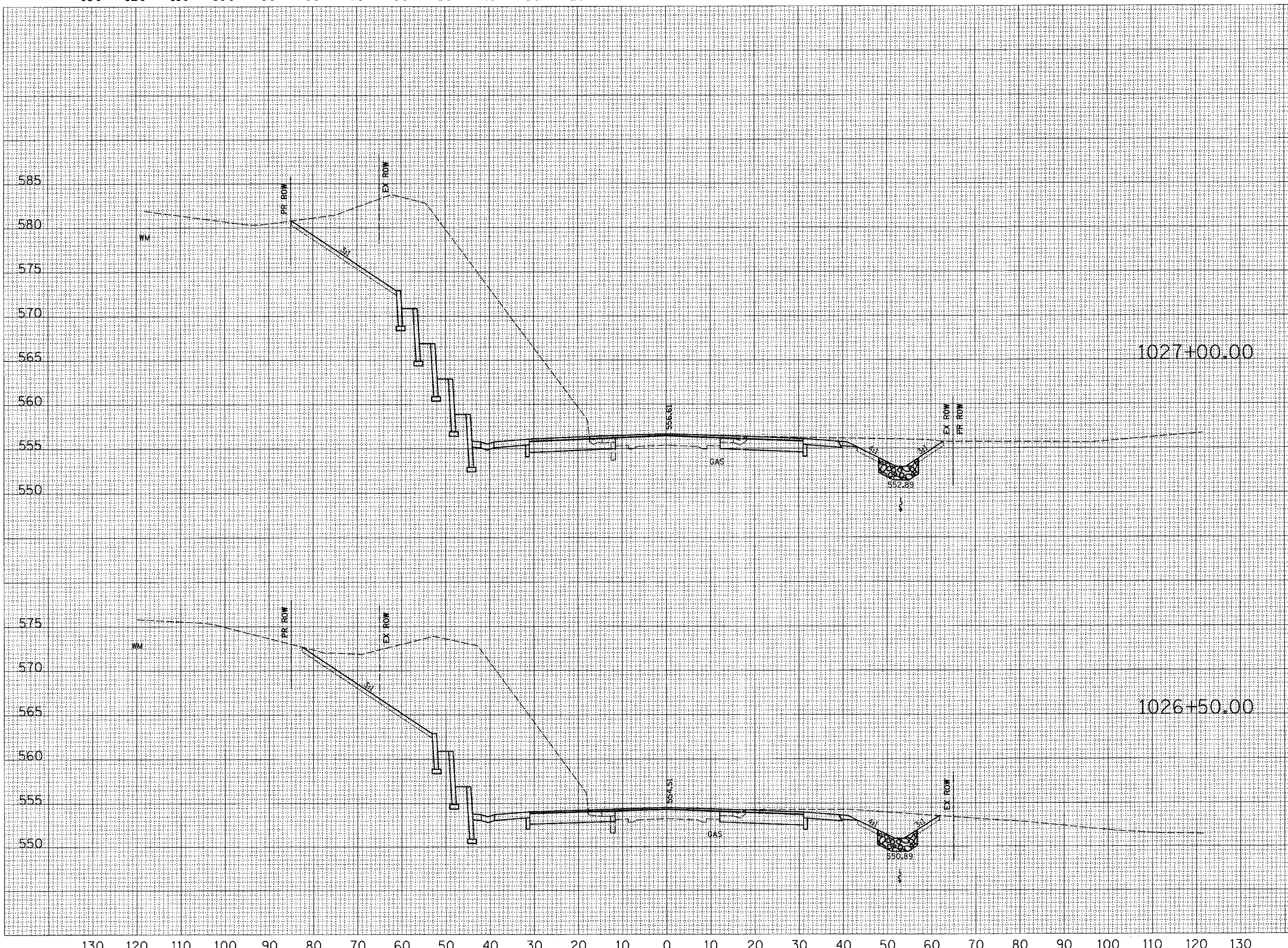


|   |         |                    |              |           |
|---|---------|--------------------|--------------|-----------|
| F.A.P. RTE.                                     | SECTION | COUNTY             | TOTAL SHEETS | SHEET NO. |
| 774   | *       | EFFINGHAM          | 273          | 149       |
| STA. 1026+50.00                                 |         | TO STA. 1027+00.00 |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |                    |              |           |
| *107WRS-1, 107BY, 107BY-1 & 107B-2              |         |                    |              |           |

STAGE II (LT)    STAGE I (RT)

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

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

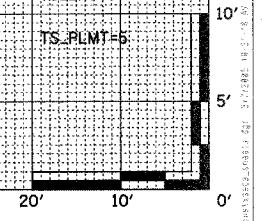


|     |     |
|-----|-----|
| 585 | 585 |
| 580 | 580 |
| 575 | 575 |
| 570 | 570 |
| 565 | 565 |
| 560 | 560 |
| 555 | 555 |
| 550 | 550 |

|            |           |
|------------|-----------|
| CUT=755    | CUT=80    |
| FILL=0     | FILL=0    |
| TS_EXC=0   | TS_EXC=0  |
| TS_PLMT=12 | TS_PLMT=5 |

|     |     |
|-----|-----|
| 575 | 575 |
| 570 | 570 |
| 565 | 565 |
| 560 | 560 |
| 555 | 555 |
| 550 | 550 |

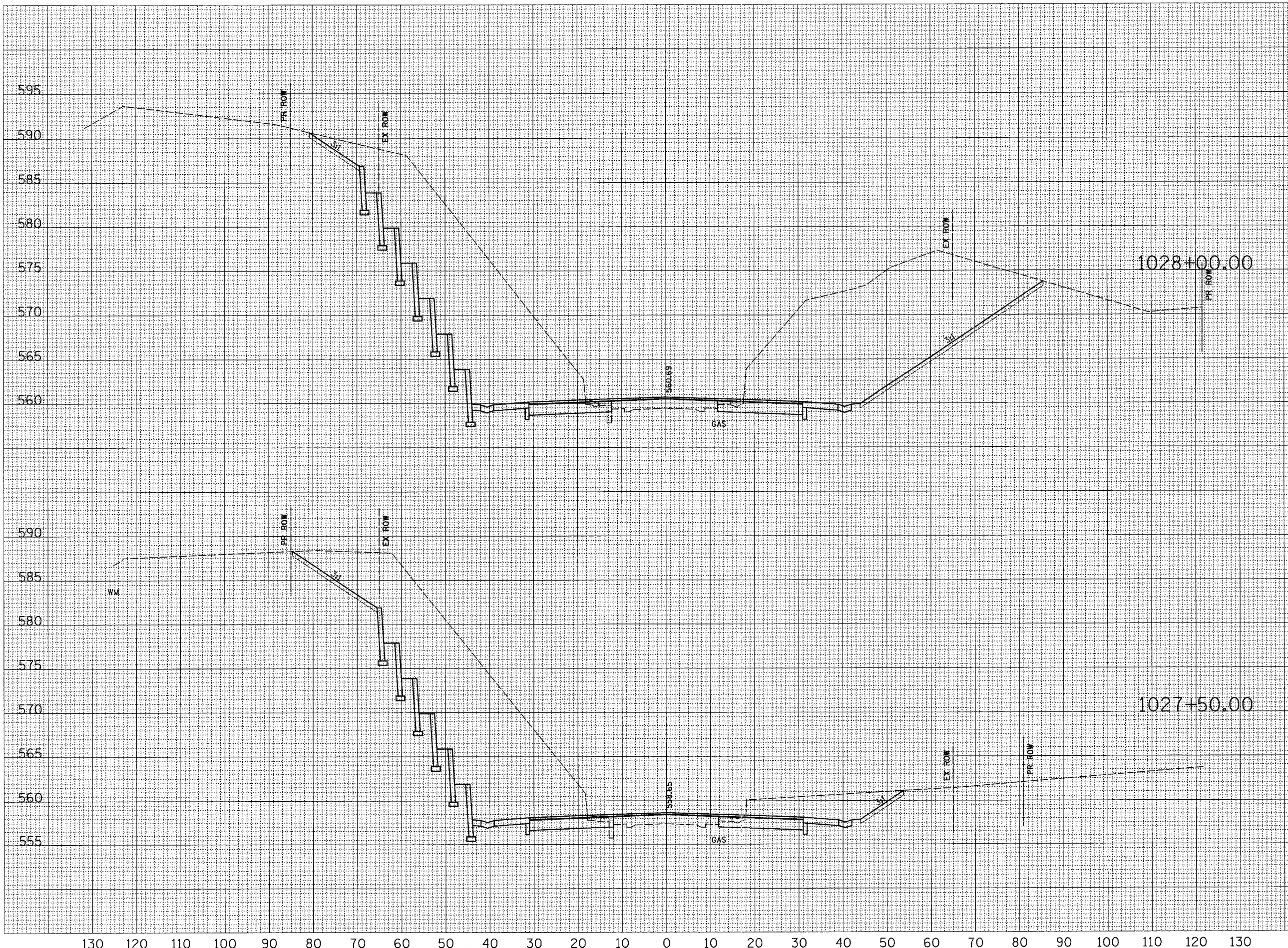
|            |           |
|------------|-----------|
| CUT=616    | CUT=81    |
| FILL=0     | FILL=0    |
| TS_EXC=0   | TS_EXC=0  |
| TS_PLMT=15 | TS_PLMT=5 |



|   |              |                     |                     |                  |
|---|--------------|---------------------|---------------------|------------------|
| F.A.P. RTE.<br>774                              | SECTION<br>* | COUNTY<br>EFFINGHAM | TOTAL SHEETS<br>273 | SHEET NO.<br>150 |
| STA. 1027+50.00 TO STA. 1028+00.00              |              |                     |                     |                  |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |              |                     |                     |                  |
| 107WRS-1, 107BY, 107BY-1 & 107B-2               |              |                     |                     |                  |

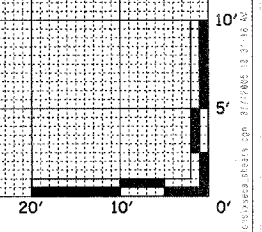
|               |  |
|---------------|--|
| DATE          |  |
| BY            |  |
| NO.           |  |
| AREAS CHECKED |  |
| TEMPLATE      |  |
| PLOTTED       |  |
| SURVEYED      |  |
| FINAL SURVEY  |  |

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



|     |               |              |
|-----|---------------|--------------|
| 595 | STAGE II (LT) | STAGE I (RT) |
| 590 |               |              |
| 585 |               |              |
| 580 |               |              |
| 575 |               |              |
| 570 |               |              |
| 565 | CUT=657       | CUT=667      |
| 560 | FILL=0        | FILL=0       |
|     | TS_EXC=0      | TS_EXC=0     |
|     | TS_PLMT=6     | TS_PLMT=21   |

|     |            |           |
|-----|------------|-----------|
| 590 |            |           |
| 585 |            |           |
| 580 |            |           |
| 575 |            |           |
| 570 |            |           |
| 565 | CUT=698    | CUT=114   |
| 560 | FILL=0     | FILL=0    |
| 555 | TS_EXC=0   | TS_EXC=0  |
|     | TS_PLMT=10 | TS_PLMT=5 |

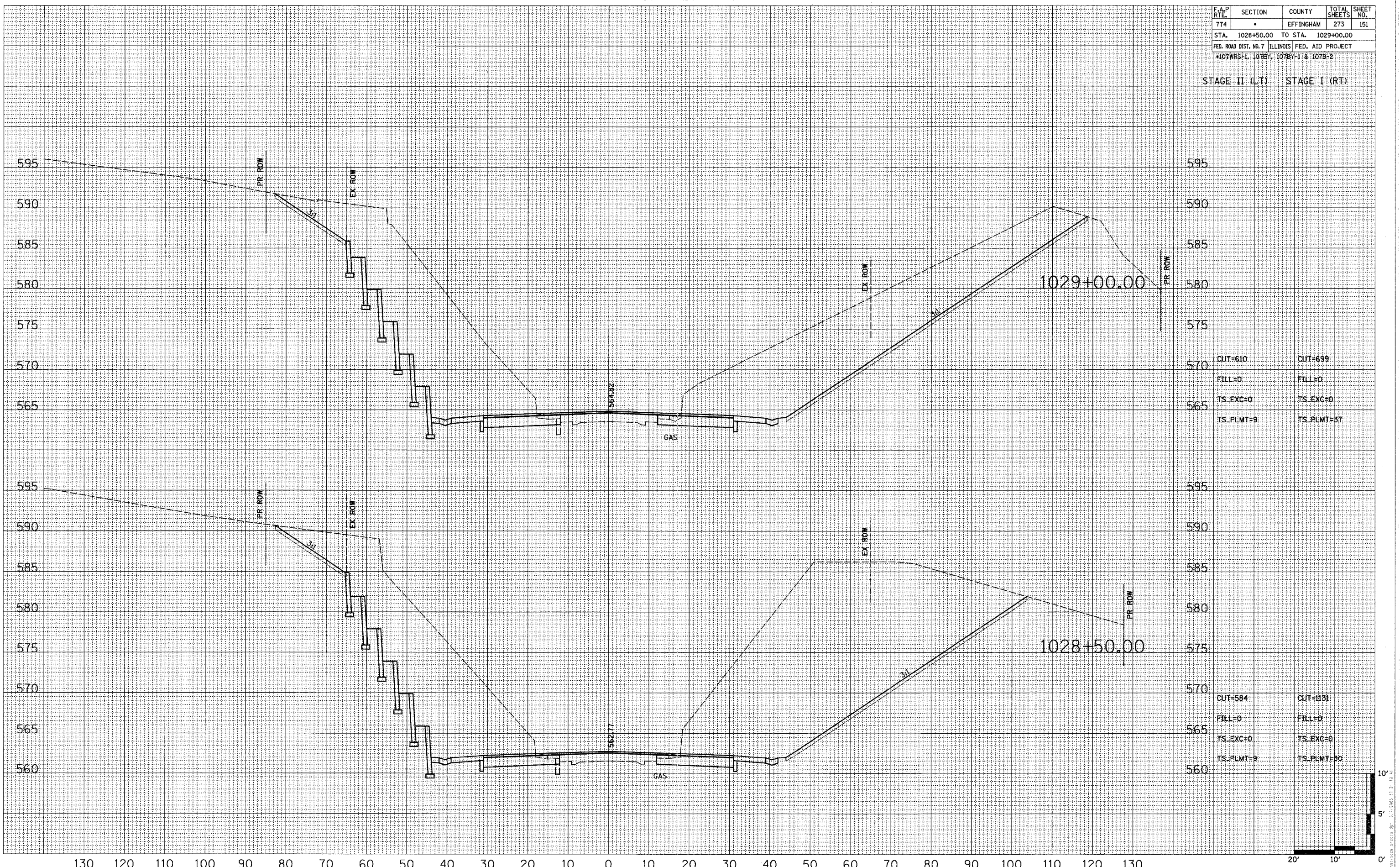


|   |         |                    |              |           |
|---|---------|--------------------|--------------|-----------|
| F.A.P. RTE.                                     | SECTION | COUNTY             | TOTAL SHEETS | SHEET NO. |
| 774   | *       | EFFINGHAM          | 273          | 151       |
| STA. 1028+50.00                                 |         | TO STA. 1029+00.00 |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |                    |              |           |
| *107WRS-1, 107BY, 107BY-1 & 107B-2              |         |                    |              |           |

STAGE II (LT) STAGE I (RT)

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

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



|           |            |
|-----------|------------|
| CUT=610   | CUT=699    |
| FILL=0    | FILL=0     |
| TS_EXC=0  | TS_EXC=0   |
| TS_PLMT=9 | TS_PLMT=37 |

|           |            |
|-----------|------------|
| CUT=584   | CUT=1131   |
| FILL=0    | FILL=0     |
| TS_EXC=0  | TS_EXC=0   |
| TS_PLMT=9 | TS_PLMT=30 |

| F.A.P. RTE.                                     | SECTION | COUNTY    | TOTAL SHEETS | SHEET NO. |
|---|---------|-----------|--------------|-----------|
| 774   | *       | EFFINGHAM | 273          | 152       |
| STA. 1029+50.00 TO STA. 1030+00.00              |         |           |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |           |              |           |
| *107WRS-1, 107BY, 107BY-1 & 107B-2              |         |           |              |           |

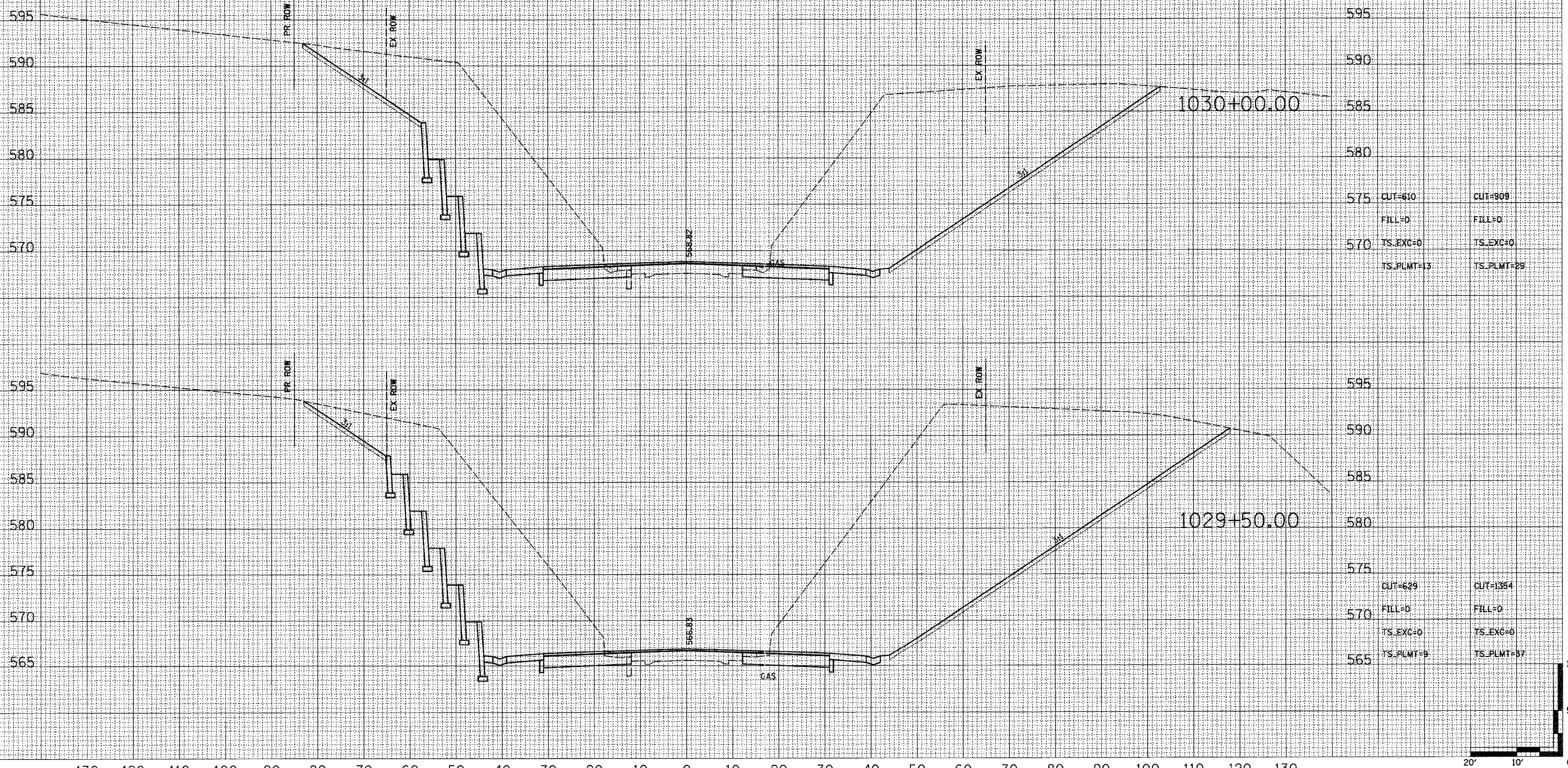
STAGE II (LT) STAGE I (RT)

| DATE | BY |
|------|----|
|      |    |

FINAL SURVEY NOTE BOOK NO. [ ]  
CORRECTED PLOTTED TEMPLATE AREAS CHECKED

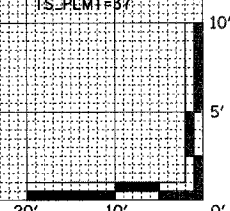
| DATE | BY |
|------|----|
|      |    |

ORIGINAL SURVEY NOTE BOOK NO. [ ]  
CORRECTED PLOTTED TEMPLATE AREAS CHECKED



| STAGE II (LT) | STAGE I (RT) |
|---------------|--------------|
| CUT-610       | CUT-909      |
| FILL=0        | FILL=0       |
| TS_EXC=0      | TS_EXC=0     |
| TS_PLMT=13    | TS_PLMT=29   |

| STAGE II (LT) | STAGE I (RT) |
|---------------|--------------|
| CUT-629       | CUT-1354     |
| FILL=0        | FILL=0       |
| TS_EXC=0      | TS_EXC=0     |
| TS_PLMT=9     | TS_PLMT=37   |

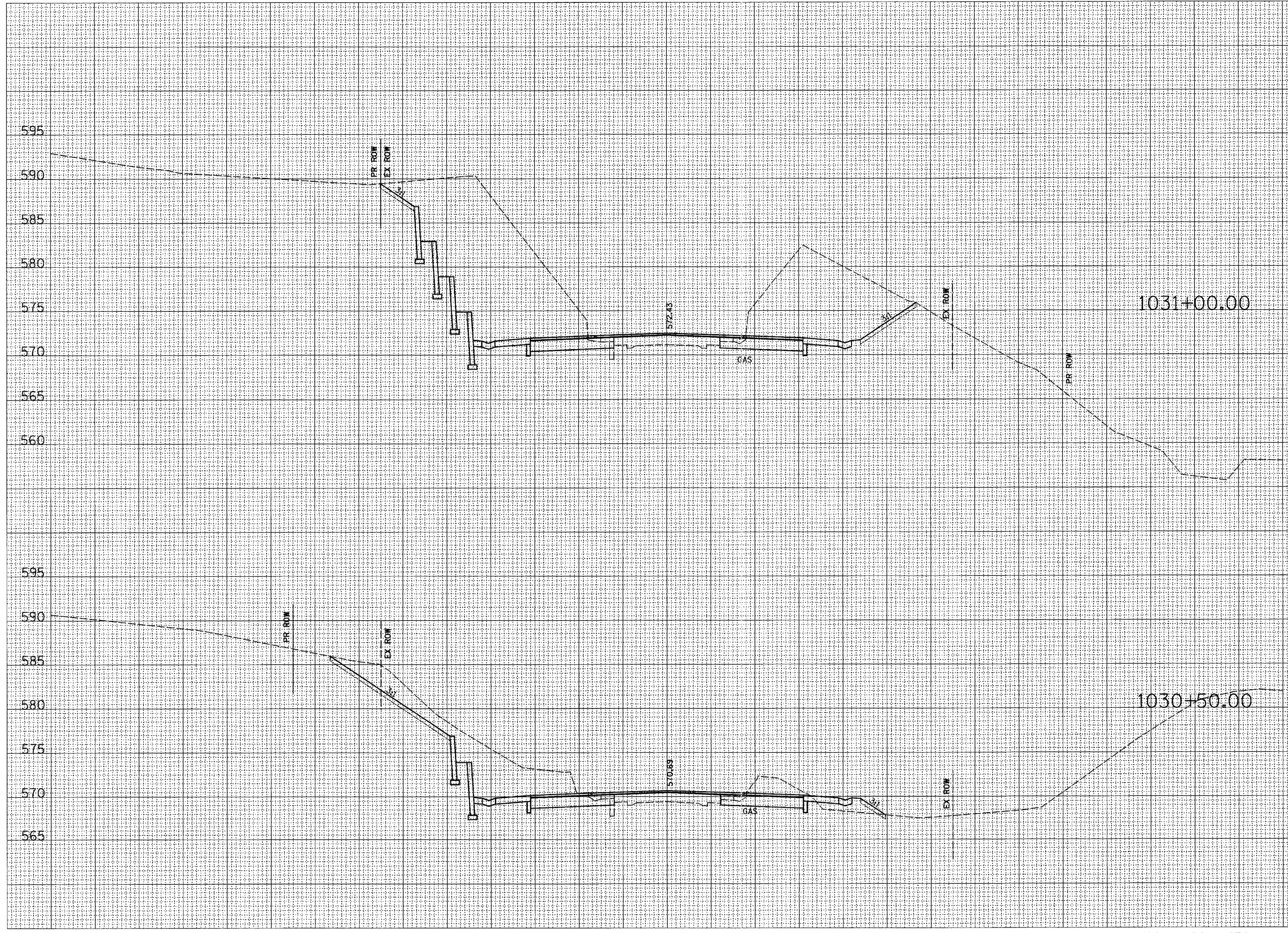


|   |         |                    |              |           |
|---|---------|--------------------|--------------|-----------|
| F.A.P. RTE.                                     | SECTION | COUNTY             | TOTAL SHEETS | SHEET NO. |
| 774   | .       | EFFINGHAM          | 273          | 153       |
| STA. 1030+50.00                                 |         | TO STA. 1031+00.00 |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |                    |              |           |
| 107WRS-1, 107BY, 107BY-1 & 107B-2               |         |                    |              |           |

STAGE II (LT) STAGE I (RT)

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

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

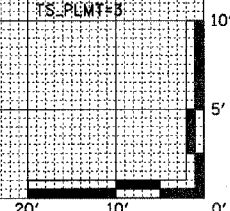


1031+00.00

1030+50.00

|           |           |
|-----------|-----------|
| CUT=487   | CUT=284   |
| FILL=0    | FILL=0    |
| TS_EXC=0  | TS_EXC=0  |
| TS_PLMT=1 | TS_PLMT=6 |

|            |           |
|------------|-----------|
| CUT=265    | CUT=44    |
| FILL=0     | FILL=11   |
| TS_EXC=0   | TS_EXC=0  |
| TS_PLMT=19 | TS_PLMT=3 |

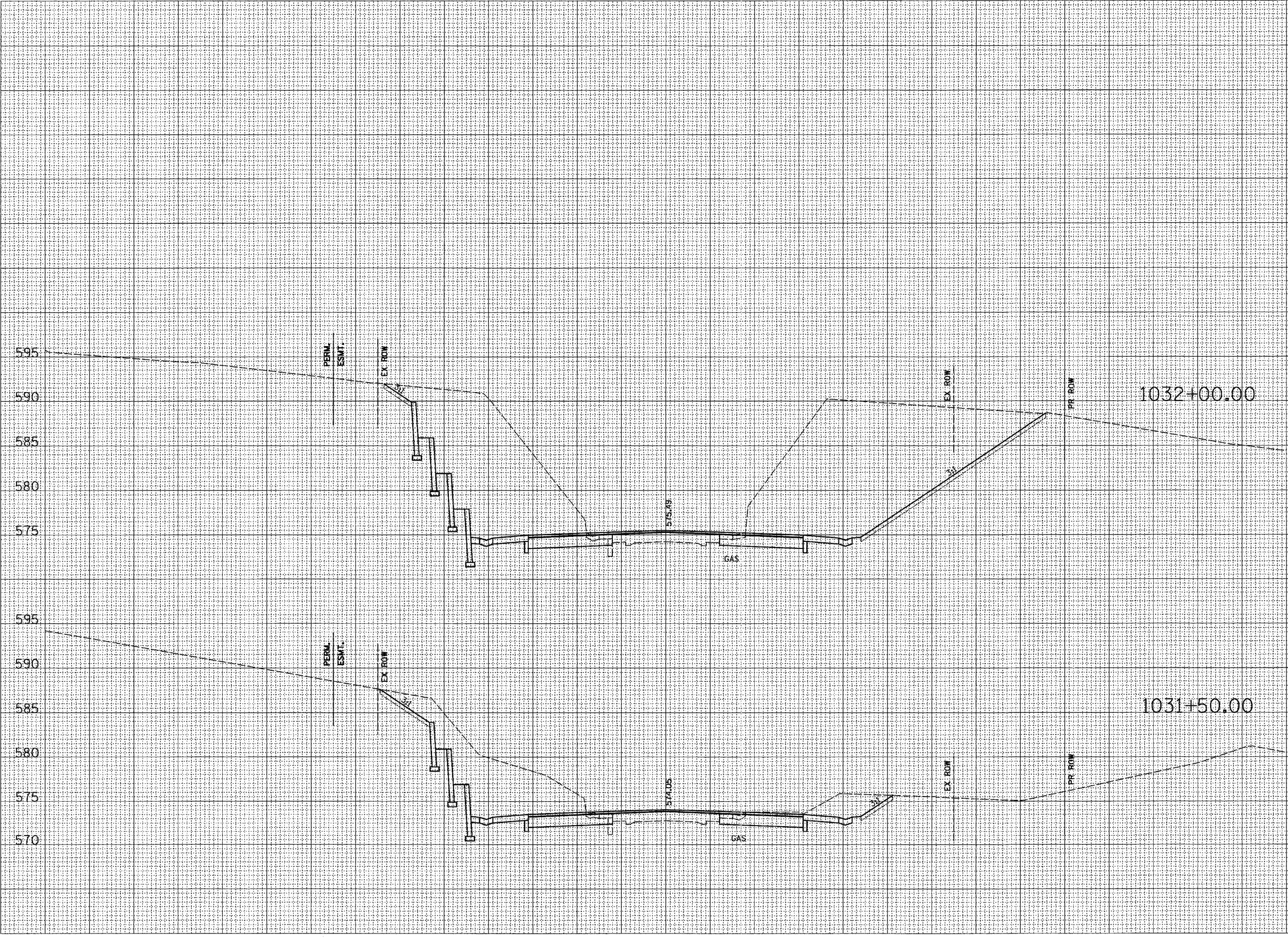


| F.A.P. RTE.                                     | SECTION | COUNTY    | TOTAL SHEETS | SHEET NO. |
|---|---------|-----------|--------------|-----------|
| 774   | •       | EFFINGHAM | 273          | 154       |
| STA. 1031+50.00 TO STA. 1032+00.00              |         |           |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |           |              |           |
| 107WRS-1, 107BY, 107BY-1 & 107B-2               |         |           |              |           |

STAGE II (LT) STAGE I (RT)

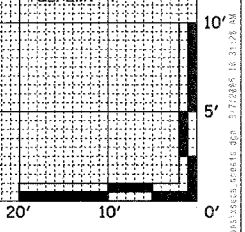
FINAL SURVEY BY DATE  
 SURVEYED BY DATE  
 TEMPLATE NO.  
 NOTE BOOK NO.  
 AREAS CHECKED

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



|           |            |
|-----------|------------|
| CUT=438   | CUT=653    |
| FILL=0    | FILL=0     |
| TS_EXC=0  | TS_EXC=0   |
| TS_PLMT=3 | TS_PLMT=21 |

|           |           |
|-----------|-----------|
| CUT=244   | CUT=70    |
| FILL=0    | FILL=0    |
| TS_EXC=0  | TS_EXC=0  |
| TS_PLMT=6 | TS_PLMT=4 |

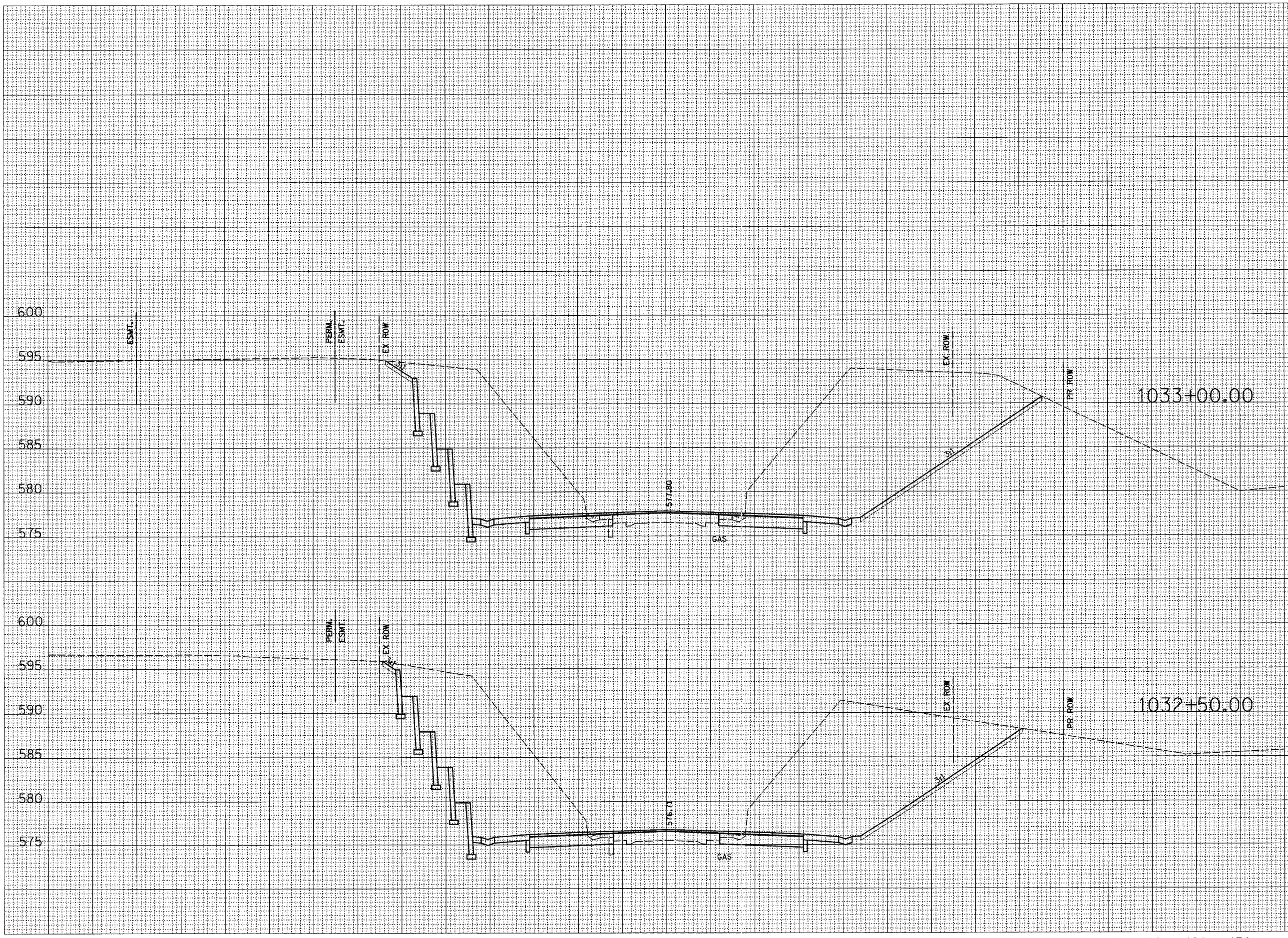


|   |              |                     |                     |                  |
|---|--------------|---------------------|---------------------|------------------|
| F.A.P. RTE.<br>774                              | SECTION<br>* | COUNTY<br>EFFINGHAM | TOTAL SHEETS<br>273 | SHEET NO.<br>155 |
| STA. 1032+50.00 TO STA. 1033+00.00              |              |                     |                     |                  |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |              |                     |                     |                  |
| *107WRS-1, 107BY, 107BY-1 & 107B-2              |              |                     |                     |                  |

STAGE II (LT) STAGE I (RT)

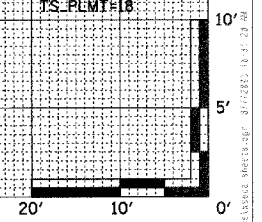
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|---------------|--|
| DATE          |  |
| BY            |  |
| NO.           |  |
| AREAS CHECKED |  |
| TEMPLATE      |  |
| PLOTTED       |  |
| SURVEYED      |  |
| FINAL SURVEY  |  |

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



|           |            |
|-----------|------------|
| CUT=432   | CUT=704    |
| FILL=0    | FILL=0     |
| TS_EXC=0  | TS_EXC=0   |
| TS_PLMT=3 | TS_PLMT=21 |

|           |            |
|-----------|------------|
| CUT=471   | CUT=588    |
| FILL=0    | FILL=0     |
| TS_EXC=0  | TS_EXC=0   |
| TS_PLMT=1 | TS_PLMT=18 |

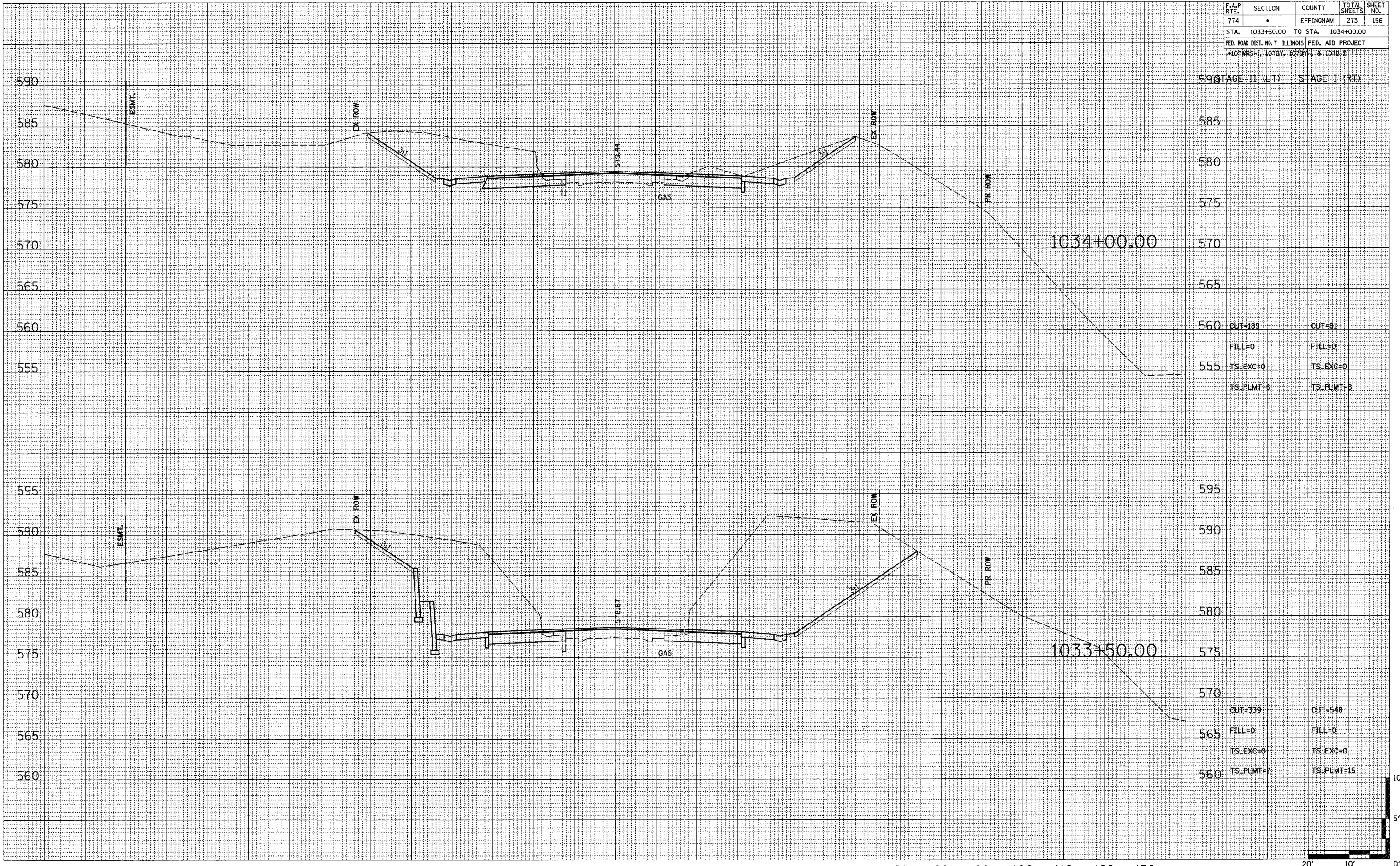


| F.A.P. RTE.                                     | SECTION | COUNTY    | TOTAL SHEETS | SHEET NO. |
|---|---------|-----------|--------------|-----------|
| 774   | *       | EFFINGHAM | 273          | 156       |
| STA. 1033+50.00 TO STA. 1034+00.00              |         |           |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |           |              |           |
| *107WRS-1, 107BY, 107BY-1 & 107B-2              |         |           |              |           |

| DATE | BY |
|------|----|
|      |    |
|      |    |
|      |    |

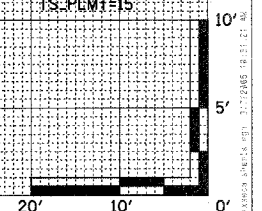
  

| NO. | AREAS CHECKED | DATE | BY |
|-----|---------------|------|----|
|     |               |      |    |
|     |               |      |    |
|     |               |      |    |



| STATION | STAGE II (LT) | STAGE I (RT) |
|---------|---------------|--------------|
| 590     |               |              |
| 585     |               |              |
| 580     |               |              |
| 575     |               |              |
| 570     |               |              |
| 565     |               |              |
| 560     | CUT=189       | CUT=81       |
| 555     | FILL=0        | FILL=0       |
| 550     | TS_EXC=0      | TS_EXC=0     |
| 545     | TS_PLMT=8     | TS_PLMT=8    |

| STATION | STAGE II (LT) | STAGE I (RT) |
|---------|---------------|--------------|
| 595     |               |              |
| 590     |               |              |
| 585     |               |              |
| 580     |               |              |
| 575     |               |              |
| 570     |               |              |
| 565     | CUT=339       | CUT=548      |
| 560     | FILL=0        | FILL=0       |
| 555     | TS_EXC=0      | TS_EXC=0     |
| 550     | TS_PLMT=7     | TS_PLMT=15   |



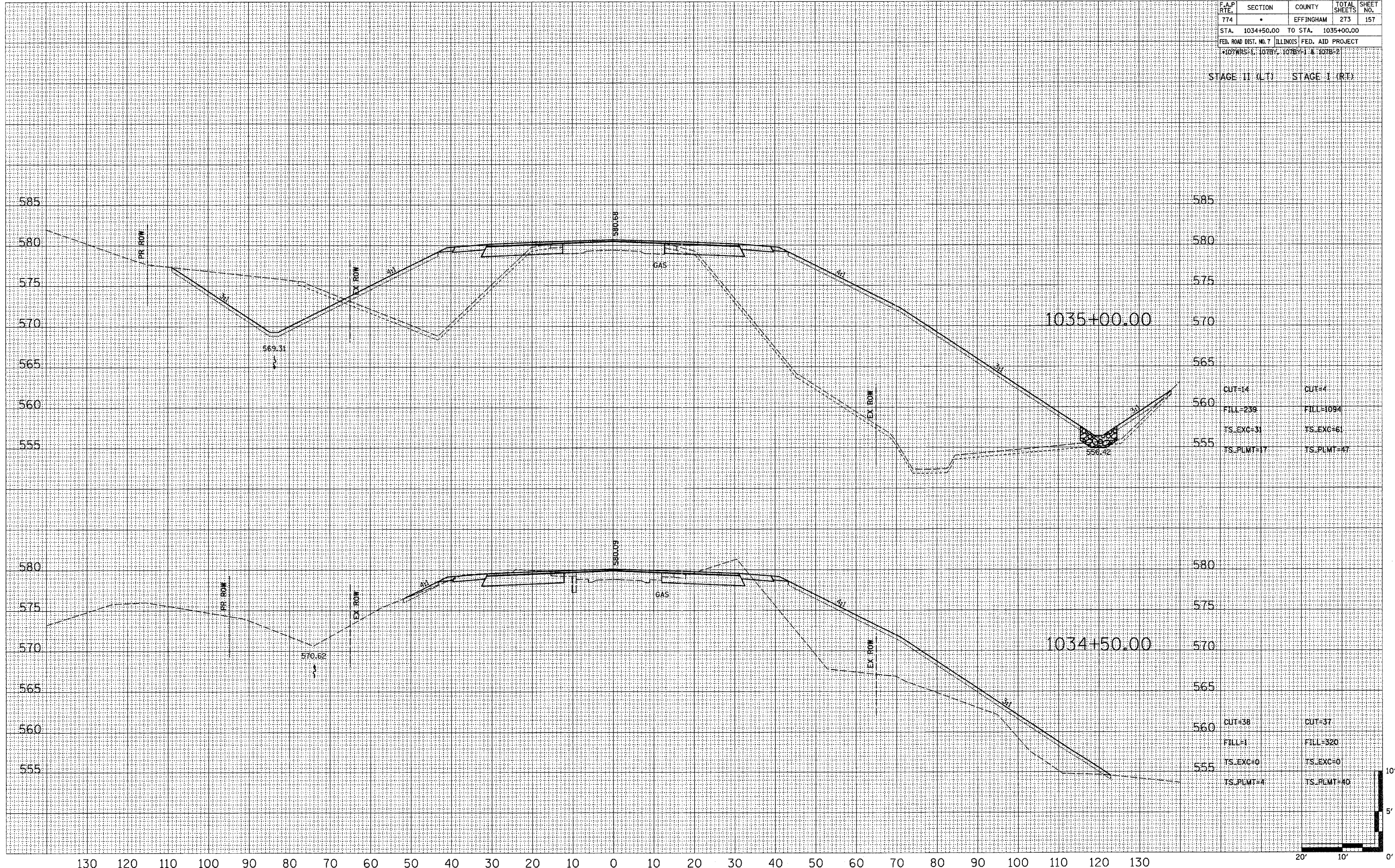


|   |              |                     |                     |                  |
|---|--------------|---------------------|---------------------|------------------|
| F.A.P. RTE.<br>774                              | SECTION<br>• | COUNTY<br>EFFINGHAM | TOTAL SHEETS<br>273 | SHEET NO.<br>157 |
| STA. 1034+50.00                                 |              | TO STA. 1035+00.00  |                     |                  |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |              |                     |                     |                  |
| 107WRS-1, 107BY, 107BY-1 & 107B-2               |              |                     |                     |                  |

STAGE II (LT) STAGE I (RT)

|               |  |
|---------------|--|
| DATE          |  |
| BY            |  |
| REVISIONS     |  |
| SURVEY        |  |
| NOTE BOOK     |  |
| PLOTTED       |  |
| TEMPLATE      |  |
| AREAS CHECKED |  |

|               |  |
|---------------|--|
| DATE          |  |
| BY            |  |
| REVISIONS     |  |
| SURVEY        |  |
| NOTE BOOK     |  |
| PLOTTED       |  |
| TEMPLATE      |  |
| AREAS CHECKED |  |



|            |            |
|------------|------------|
| CUT=14     | CUT=4      |
| FILL=238   | FILL=1094  |
| TS_EXC=31  | TS_EXC=61  |
| TS_PLMT=17 | TS_PLMT=47 |

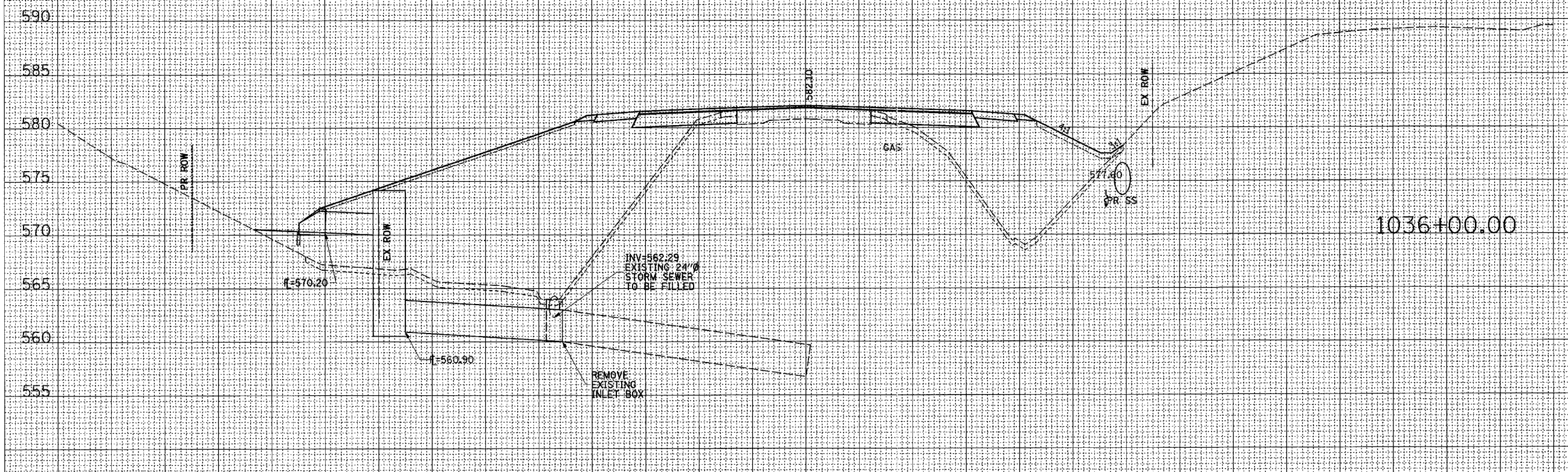
|           |            |
|-----------|------------|
| CUT=38    | CUT=37     |
| FILL=1    | FILL=320   |
| TS_EXC=0  | TS_EXC=0   |
| TS_PLMT=4 | TS_PLMT=40 |

|   |         |           |              |           |
|---|---------|-----------|--------------|-----------|
| F.A.P. RTE.                                     | SECTION | COUNTY    | TOTAL SHEETS | SHEET NO. |
| 774   | *       | EFFINGHAM | 273          | 158       |
| STA. 1035+50.00 TO STA. 1036+00.00              |         |           |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |           |              |           |
| *107WRS-1, 107BY, 107BY-1 & 107B-2              |         |           |              |           |

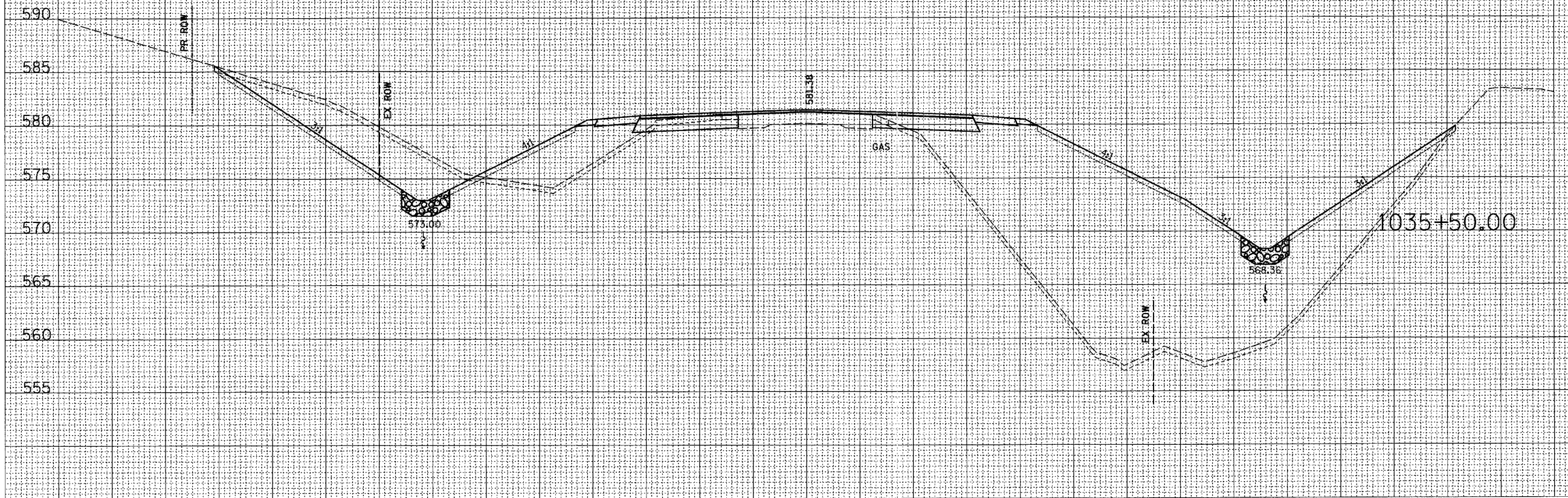
STAGE II (LT) STAGE I (RT)

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

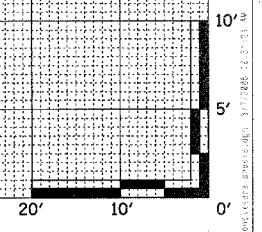
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|-----------------|--|
| DATE            |  |
| BY              |  |
| NO.             |  |
| ORIGINAL SURVEY |  |
| PLOTTED         |  |
| TEMP. DATE      |  |
| NOTE BOOK       |  |
| AREAS CHECKED   |  |



|            |           |
|------------|-----------|
| CUT=163    | CUT=3     |
| FILL=580   | FILL=231  |
| TS_EXC=39  | TS_EXC=22 |
| TS_PLMT=20 | TS_PLMT=8 |



|            |            |
|------------|------------|
| CUT=18     | CUT=3      |
| FILL=91    | FILL=989   |
| TS_EXC=31  | TS_EXC=53  |
| TS_PLMT=17 | TS_PLMT=39 |

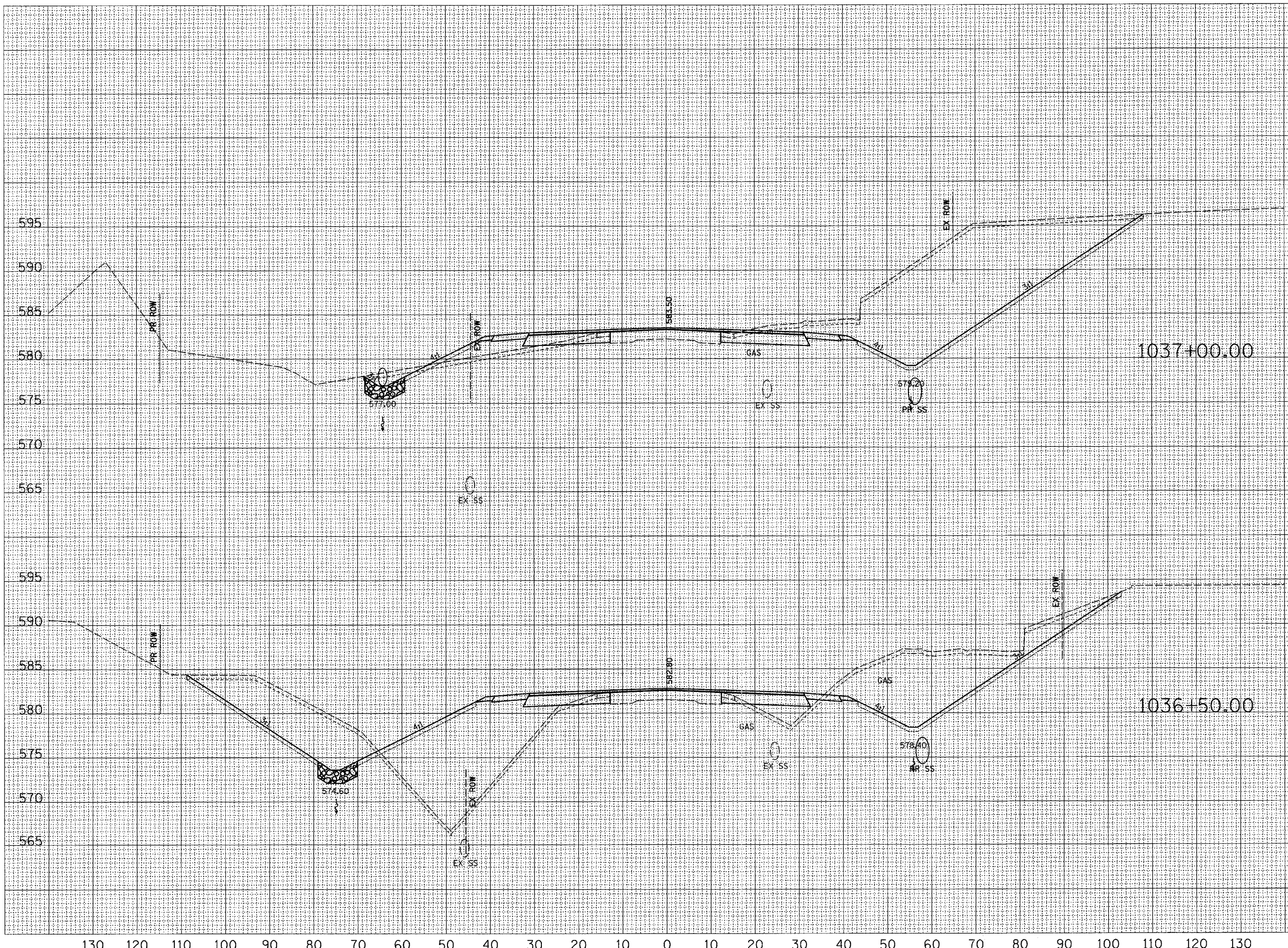


|   |         |           |              |           |
|---|---------|-----------|--------------|-----------|
| F.A.P. RTE.                                     | SECTION | COUNTY    | TOTAL SHEETS | SHEET NO. |
| 774   | *       | EFFINGHAM | 273          | 159       |
| STA. 1036+50.00 TO STA. 1037+00.00              |         |           |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |           |              |           |
| 107WRS-1, 107BY, 107BY-1 & 107B-2               |         |           |              |           |

STAGE II (LT) STAGE I (RT)

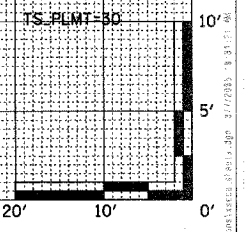
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|---------------|----|
| DATE          | BY |
|               |    |
| NO.           |    |
| AREAS CHECKED |    |
| TEMPLATE      |    |
| PLOTTED       |    |
| SURVEYED      |    |
| FINAL SURVEY  |    |

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



|            |            |
|------------|------------|
| CUT=18     | CUT=535    |
| FILL=35    | FILL=0     |
| TS_EXC=26  | TS_EXC=46  |
| TS_PLMT=13 | TS_PLMT=32 |

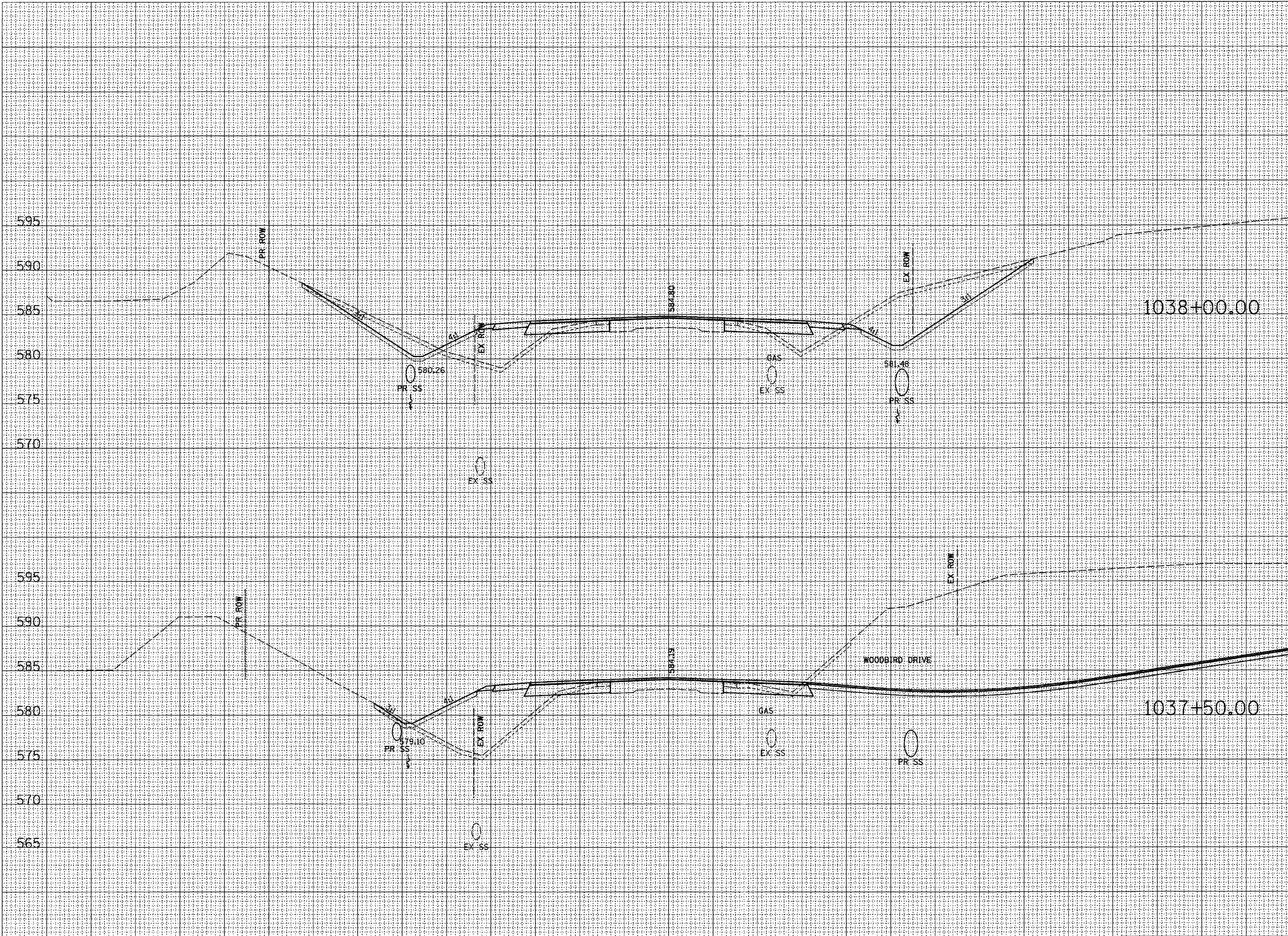
|            |            |
|------------|------------|
| CUT=125    | CUT=257    |
| FILL=298   | FILL=25    |
| TS_EXC=44  | TS_EXC=44  |
| TS_PLMT=50 | TS_PLMT=30 |



|   |              |                     |                        |                     |
|---|--------------|---------------------|------------------------|---------------------|
| F.A.P.<br>RTE.<br>774                           | SECTION<br>. | COUNTY<br>EFFINGHAM | TOTAL<br>SHEETS<br>273 | SHEET<br>NO.<br>160 |
| STA. 1037+50.00 TO STA. 1038+00.00              |              |                     |                        |                     |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |              |                     |                        |                     |
| 107WRS-1, 107BY, 107BY-1 & 107B-2               |              |                     |                        |                     |
| STAGE II (L.T.)                                 |              |                     | STAGE I (R.T.)         |                     |

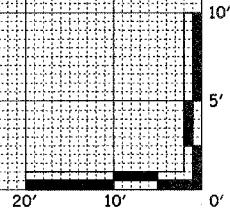
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|------|--|
| DATE |  |
| BY   |  |
| DATE |  |
| BY   |  |
| DATE |  |
| BY   |  |
| DATE |  |
| BY   |  |
| DATE |  |
| BY   |  |
| DATE |  |

|      |  |
|------|--|
| DATE |  |
| BY   |  |
| DATE |  |
| BY   |  |
| DATE |  |
| BY   |  |
| DATE |  |
| BY   |  |
| DATE |  |
| BY   |  |
| DATE |  |



|     |            |            |
|-----|------------|------------|
| 595 |            |            |
| 590 |            |            |
| 585 | 1038+00.00 |            |
| 580 |            |            |
| 575 | CUT=43     | CUT=135    |
|     | FILL=68    | FILL=25    |
| 570 | TS_EXC=33  | TS_EXC=33  |
|     | TS_PLMT=20 | TS_PLMT=19 |
| 565 |            |            |

|     |            |           |
|-----|------------|-----------|
| 595 |            |           |
| 590 |            |           |
| 585 | 1037+50.00 |           |
| 580 |            |           |
| 575 | CUT=8      | CUT=17    |
|     | FILL=151   | FILL=0    |
| 570 | TS_EXC=25  | TS_EXC=13 |
|     | TS_PLMT=12 | TS_PLMT=0 |
| 565 |            |           |



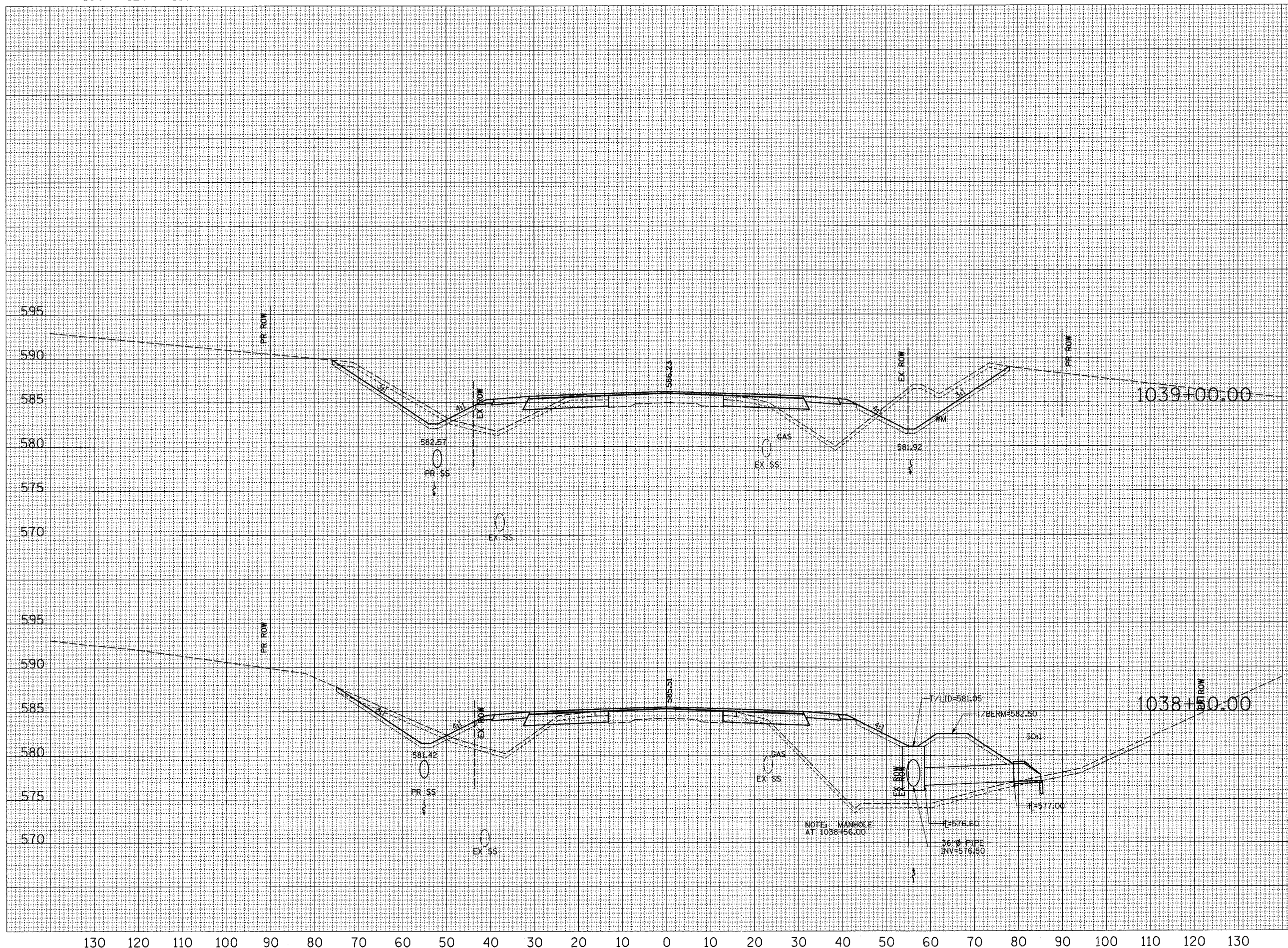
130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

|   |         |                    |              |           |
|---|---------|--------------------|--------------|-----------|
| F.A.P. RTE.                                     | SECTION | COUNTY             | TOTAL SHEETS | SHEET NO. |
| 774   |         | EFFINGHAM          | 273          | 161       |
| STA. 1038+50.00                                 |         | TO STA. 1039+00.00 |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |                    |              |           |
| 107WRS-1, 107BY, 107BY-1 & 107B-2               |         |                    |              |           |

STAGE II (L.T.) STAGE I (RT.)

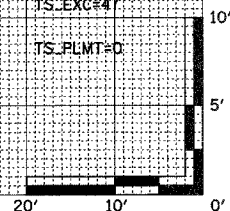
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|--------------|------|
| FINAL SURVEY | DATE |
| NO.          |      |
| CHECKED      | BY   |
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| TEMPLATE     |      |
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| ORIGINAL SURVEY | DATE |
| NO.             |      |
| CHECKED         | BY   |
| PLOTTED         |      |
| TEMPLATE        |      |
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|     |            |            |
|-----|------------|------------|
| 595 |            | 595        |
| 590 |            | 590        |
| 585 |            | 585        |
| 580 | CUT=46     | CUT=60     |
| 575 | FILL=54    | FILL=65    |
| 570 | TS_EXC=38  | TS_EXC=31  |
|     | TS_PLMT=16 | TS_PLMT=17 |
| 595 |            | 595        |
| 590 |            | 590        |
| 585 |            | 585        |
| 580 |            | 580        |
| 575 | CUT=28     | CUT=6      |
| 570 | FILL=86    | FILL=43    |
|     | TS_EXC=39  | TS_EXC=47  |
|     | TS_PLMT=16 | TS_PLMT=0  |

130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

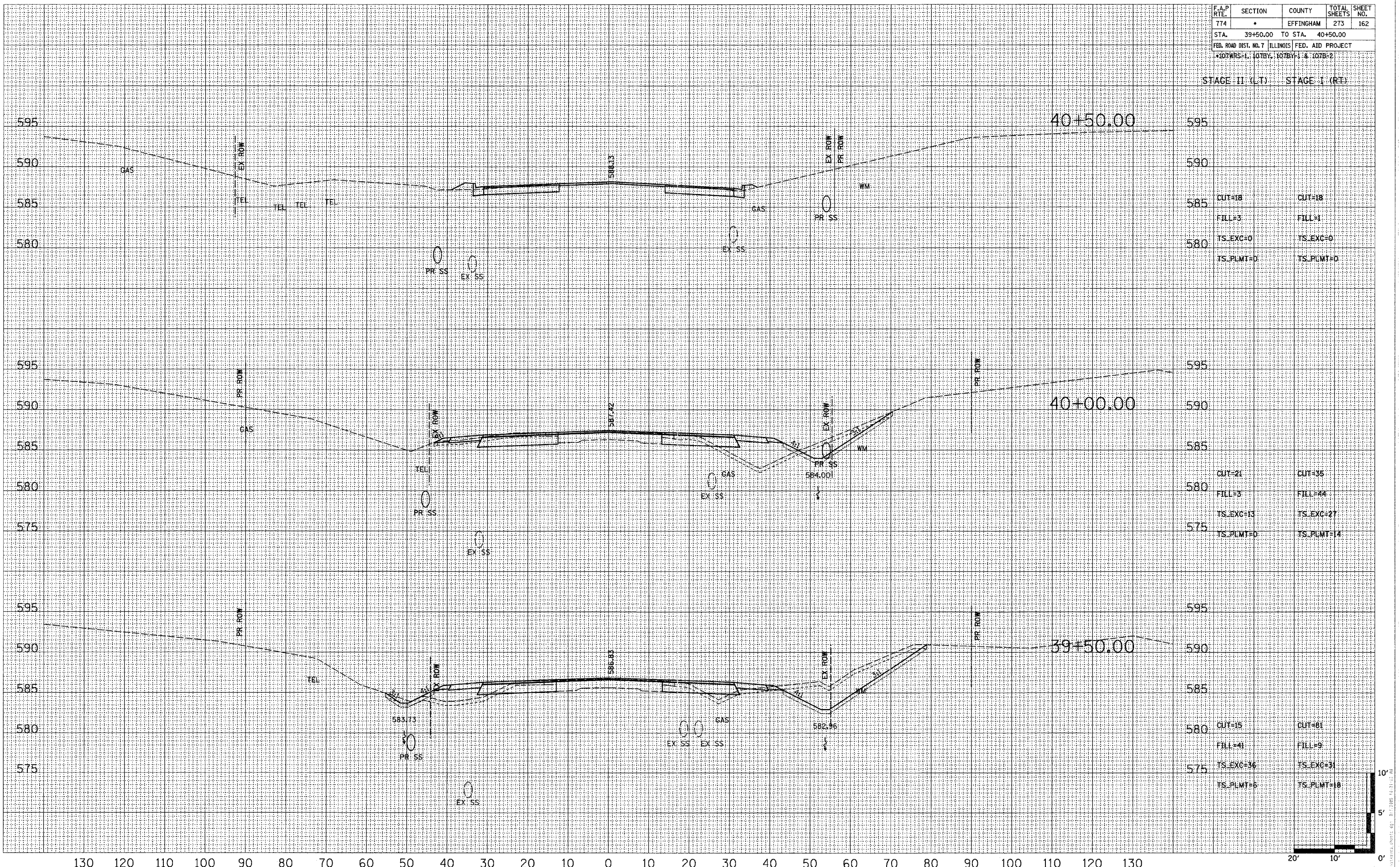


|                                    |         |   |              |           |
|------------------------------------|---------|---|--------------|-----------|
| F.A.P. RTE.                        | SECTION | COUNTY  | TOTAL SHEETS | SHEET NO. |
| 774                                | *       | EFFINGHAM                                       | 273          | 162       |
| STA. 39+50.00 TO STA. 40+50.00     |         | FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |              |           |
| *107WRS-1, 107BY, 107BY-1 & 107B-2 |         |   |              |           |

STAGE II (LT) STAGE I (RT)

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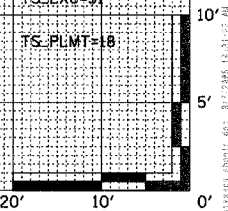
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|-----------------|---------------|------|
| ORIGINAL SURVEY | SURVEYED      | DATE |
| NOTE BOOK       | PLOTTED       |      |
|                 | TEMPLATE      |      |
|                 | AREAS CHECKED |      |
|                 |               |      |



|           |           |
|-----------|-----------|
| CUT=18    | CUT=18    |
| FILL=3    | FILL=1    |
| TS_EXC=0  | TS_EXC=0  |
| TS_PLMT=0 | TS_PLMT=0 |

|           |            |
|-----------|------------|
| CUT=21    | CUT=35     |
| FILL=3    | FILL=44    |
| TS_EXC=13 | TS_EXC=27  |
| TS_PLMT=0 | TS_PLMT=14 |

|           |            |
|-----------|------------|
| CUT=15    | CUT=81     |
| FILL=41   | FILL=9     |
| TS_EXC=36 | TS_EXC=31  |
| TS_PLMT=6 | TS_PLMT=18 |



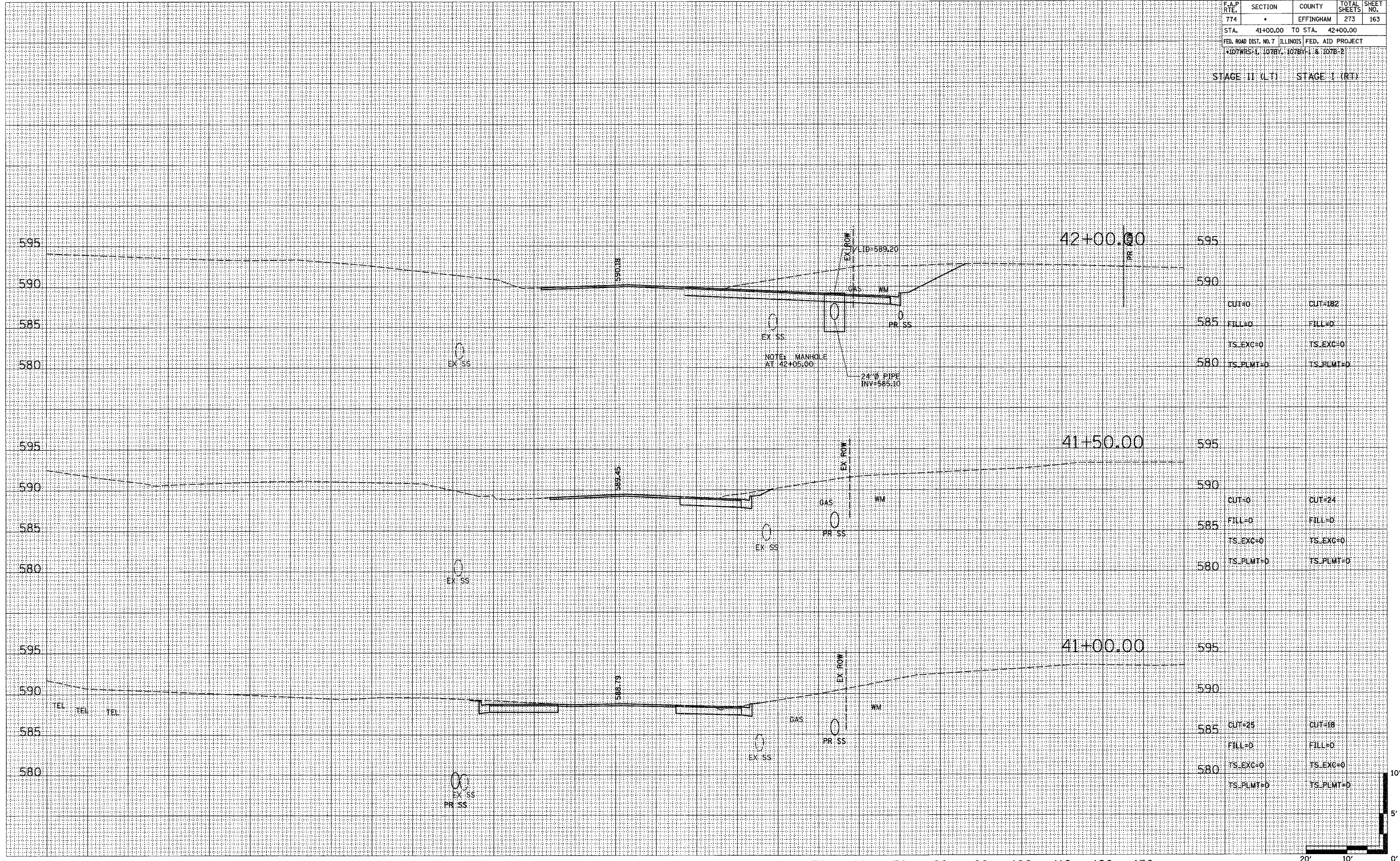
130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

|                                     |         |   |              |           |
|-------------------------------------|---------|---|--------------|-----------|
| F.A.P. RTE.                         | SECTION | COUNTY  | TOTAL SHEETS | SHEET NO. |
| 774                                 |         | EFFINGHAM                                       | 273          | 163       |
| STA. 41+00.00 TO STA. 42+00.00      |         | FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |              |           |
| 107WRS-1, 107BY-1, 107BY-1 & 107B-2 |         |   |              |           |

STAGE II (LT) STAGE I (RT)

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

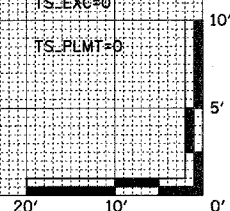
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|-----------------|--|
| DATE            |  |
| BY              |  |
| REVISIONS       |  |
| NO.             |  |
| ORIGINAL SURVEY |  |
| NOTE BOOK       |  |
| AREAS CHECKED   |  |



|           |           |
|-----------|-----------|
| CUT=0     | CUT=182   |
| FILL=0    | FILL=0    |
| TS_EXC=0  | TS_EXC=0  |
| TS_PLMT=0 | TS_PLMT=0 |

|           |           |
|-----------|-----------|
| CUT=0     | CUT=24    |
| FILL=0    | FILL=0    |
| TS_EXC=0  | TS_EXC=0  |
| TS_PLMT=0 | TS_PLMT=0 |

|           |           |
|-----------|-----------|
| CUT=25    | CUT=18    |
| FILL=0    | FILL=0    |
| TS_EXC=0  | TS_EXC=0  |
| TS_PLMT=0 | TS_PLMT=0 |



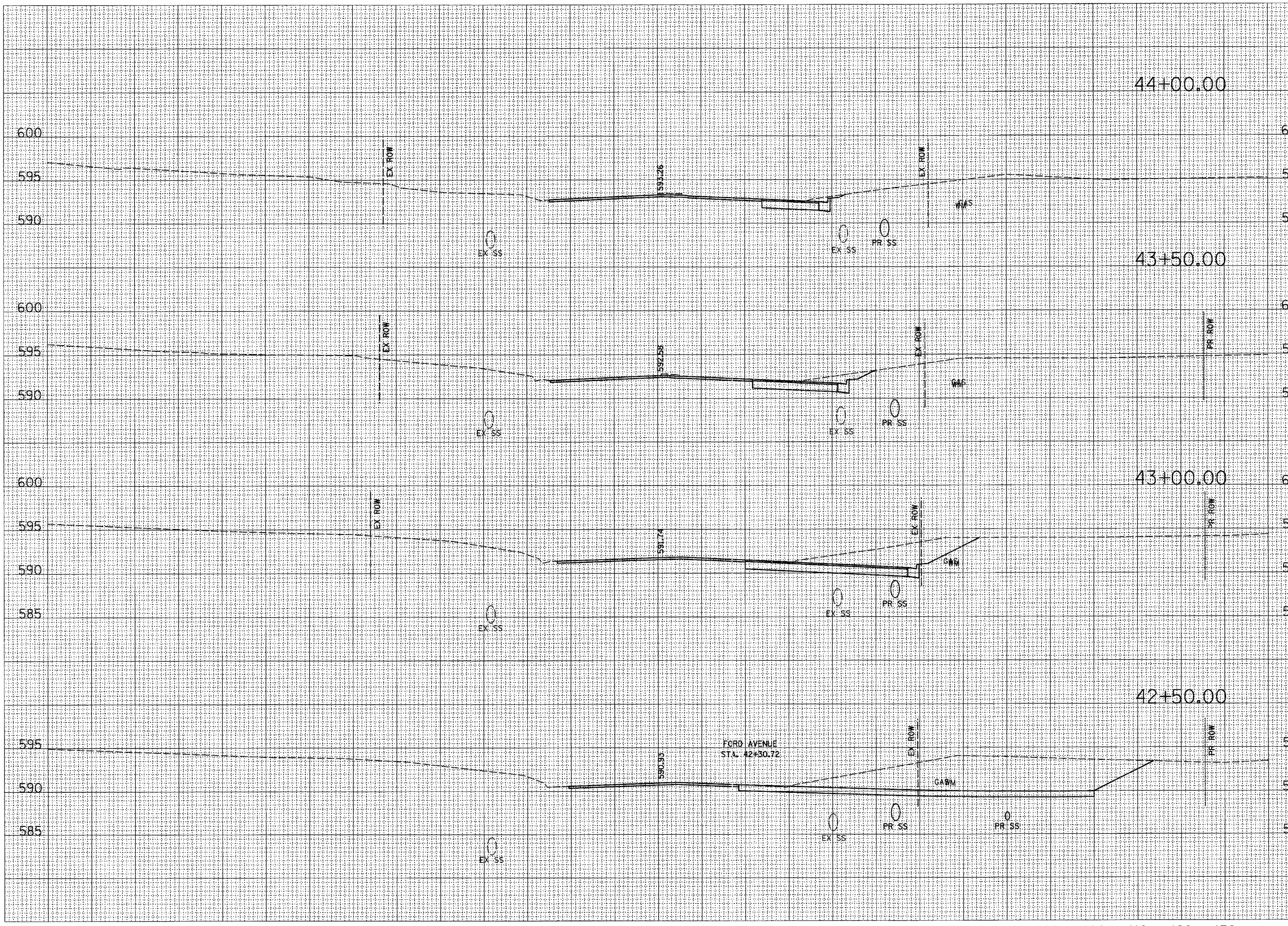
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|   |              |                     |                     |                  |
|---|--------------|---------------------|---------------------|------------------|
| F.A.P. RTE.<br>774                              | SECTION<br>* | COUNTY<br>EFFINGHAM | TOTAL SHEETS<br>273 | SHEET NO.<br>164 |
| STA. 42+50.00                                   |              | TO STA. 44+00.00    |                     |                  |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |              |                     |                     |                  |
| *107WRS-1, 107BY, 107B-1 & 107B-2               |              |                     |                     |                  |

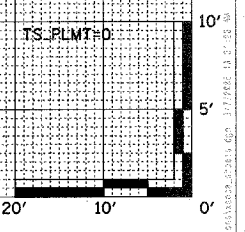
STAGE II (LT) STAGE I (RT)

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| BY | DATE |
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| BY | DATE |
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|     |           |           |
|-----|-----------|-----------|
| 600 | CUT=0     | CUT=18    |
| 595 | FILL=0    | FILL=0    |
| 590 | TS_EXC=0  | TS_EXC=0  |
|     | TS_PLMT=0 | TS_PLMT=0 |
| 600 | CUT=0     | CUT=31    |
| 595 | FILL=0    | FILL=0    |
| 590 | TS_EXC=0  | TS_EXC=0  |
|     | TS_PLMT=0 | TS_PLMT=0 |
| 600 | CUT=0     | CUT=106   |
| 595 | FILL=0    | FILL=0    |
| 590 | TS_EXC=0  | TS_EXC=0  |
| 585 | TS_PLMT=0 | TS_PLMT=0 |
| 595 | CUT=0     | CUT=0     |
| 590 | FILL=0    | FILL=0    |
| 585 | TS_EXC=0  | TS_EXC=0  |
|     | TS_PLMT=0 | TS_PLMT=0 |



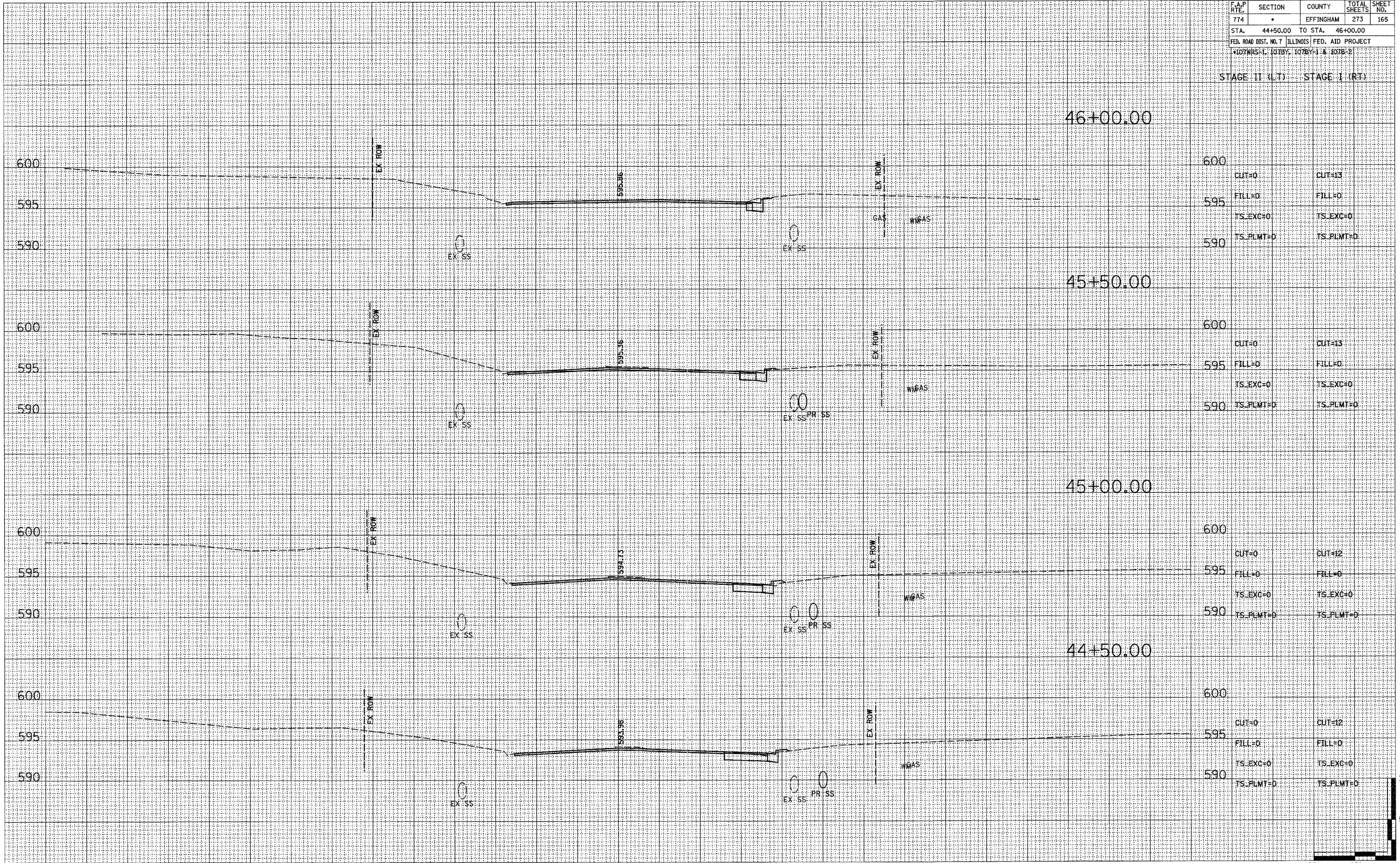


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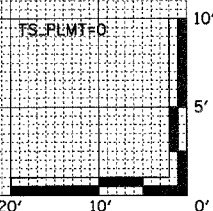
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|-----------------------------------|---------|---|--------------|-----------|
| F.A.P. RTE.                       | SECTION | COUNTY  | TOTAL SHEETS | SHEET NO. |
| 774                               | .       | EFFINGHAM                                       | 273          | 165       |
| STA. 44+50.00 TO STA. 46+00.00    |         | FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |              |           |
| 107WRS-1, 107BY, 107BY-1 & 107B-2 |         |   |              |           |
| STAGE II (LT)                     |         |   | STAGE I (RT) |           |

|               |      |
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| FINAL SURVEY  | DATE |
| NO.           |      |
| BY            |      |
| REVISIONS     |      |
| PLOTTED       |      |
| TEMPLATE      |      |
| AREAS CHECKED |      |
| NO.           |      |

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| ORIGINAL SURVEY | DATE |
| NO.             |      |
| BY              |      |
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130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130



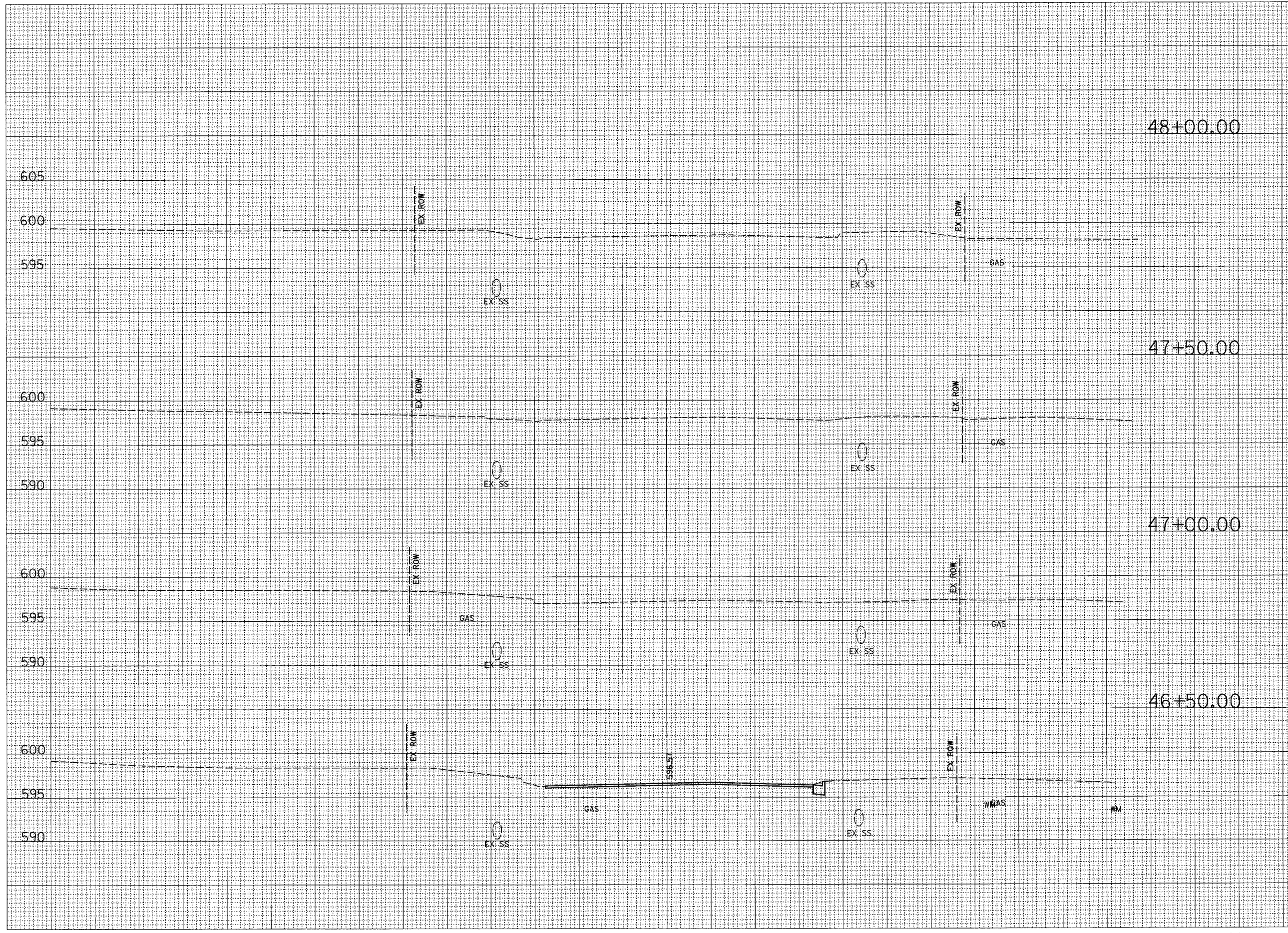
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|------------------------------------|---------|---|--------------|-----------|
| F.A.P. RTE.                        | SECTION | COUNTY  | TOTAL SHEETS | SHEET NO. |
| 774                                | *       | EFFINGHAM                                       | 273          | 166       |
| STA. 46+50.00 TO STA. 48+00.00     |         | FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |              |           |
| *107WRS-1, 107BY, 107BY-1 & 107B-2 |         |   |              |           |

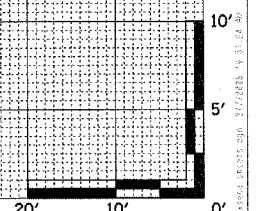
STAGE II (LT) STAGE I (RT)

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|---------------|------|
| FINAL SURVEY  | DATE |
| BY            |      |
| REVISIONS     |      |
| PLOTTED       |      |
| TEMPLATE      |      |
| AREAS CHECKED |      |
| NO.           |      |

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| ORIGINAL SURVEY | DATE |
| BY              |      |
| REVISIONS       |      |
| PLOTTED         |      |
| TEMPLATE        |      |
| AREAS CHECKED   |      |
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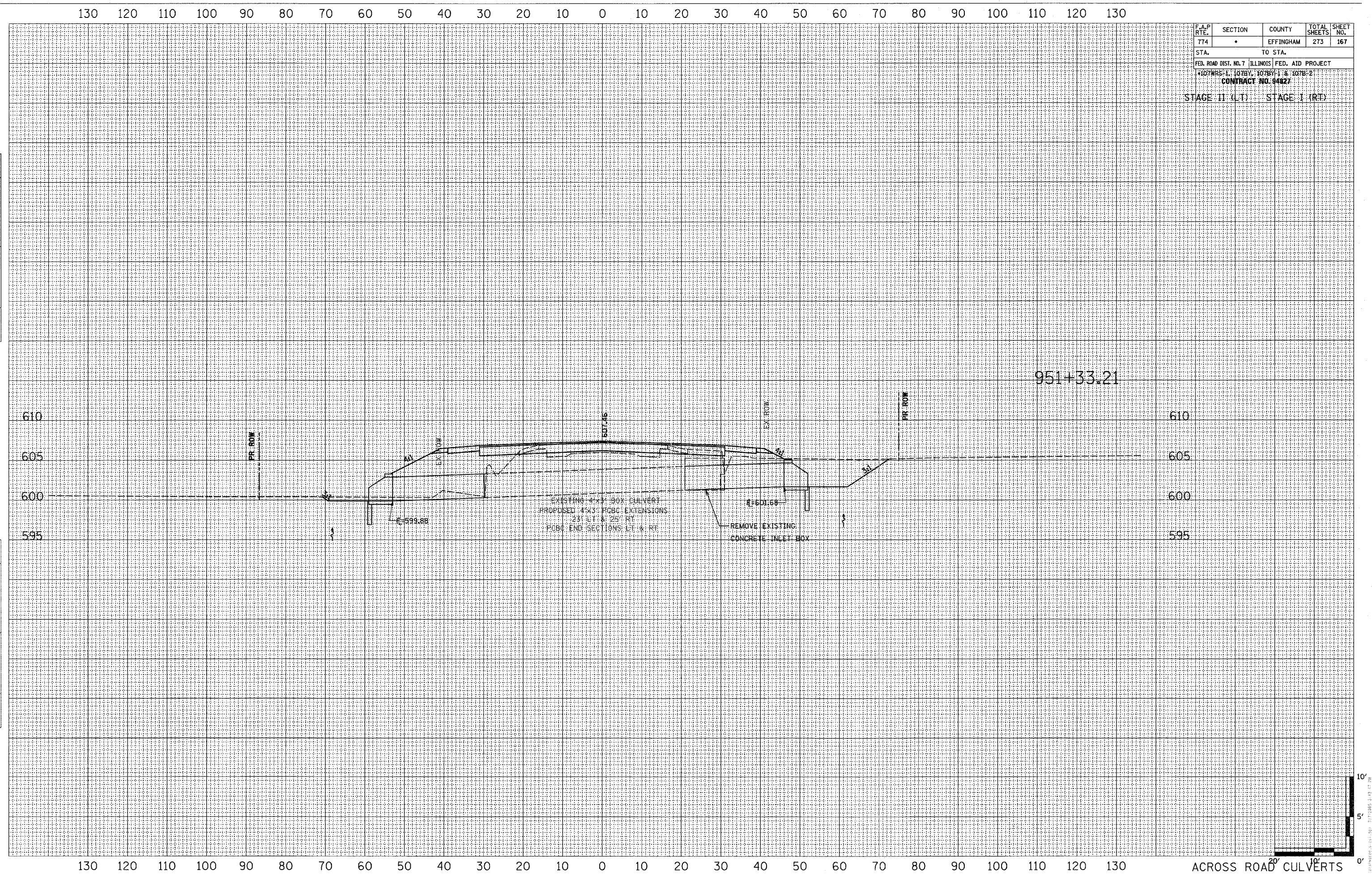
|           |           |
|-----------|-----------|
| CUT=0     | CUT=14    |
| FILL=0    | FILL=0    |
| TS_EXC=0  | TS_EXC=0  |
| TS_PLMT=0 | TS_PLMT=0 |



|                                   |         |                           |              |           |
|-----------------------------------|---------|---------------------------|--------------|-----------|
| F.A.P. RTE.                       | SECTION | COUNTY                    | TOTAL SHEETS | SHEET NO. |
| 774                               |         | EFFINGHAM                 | 273          | 167       |
| STA.                              |         | TO STA.                   |              |           |
| FED. ROAD DIST. NO. 7             |         | ILLINOIS FED. AID PROJECT |              |           |
| 107WRS-1, 107BY, 107BY-1 & 107B-2 |         | CONTRACT NO. 94827        |              |           |
| STAGE II (LT)                     |         | STAGE I (RT)              |              |           |

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

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



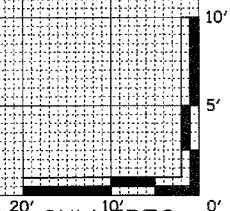
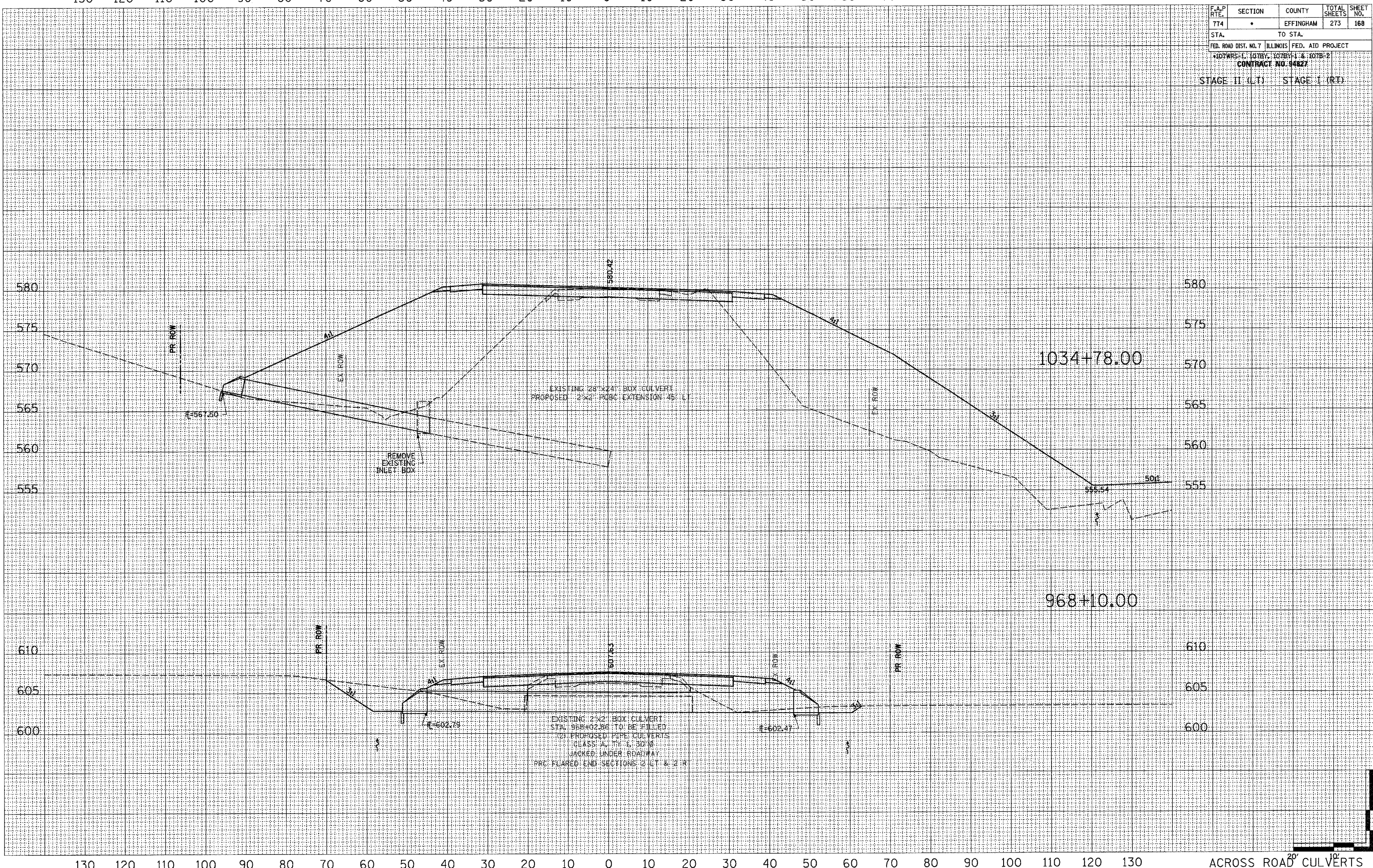
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|---|---------|-----------|--------------|-----------|
| F.A.P. RTE.                                     | SECTION | COUNTY    | TOTAL SHEETS | SHEET NO. |
| 774   | .       | EFFINGHAM | 273          | 168       |
| STA.  |         | TO STA.   |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |           |              |           |
| *107WRS-1, 107BY, 107BY-1 & 107B-2              |         |           |              |           |
| CONTRACT NO. 94827                              |         |           |              |           |

STAGE II (LT) STAGE I (RT)

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| BY | DATE |
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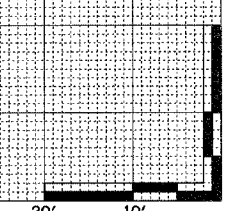
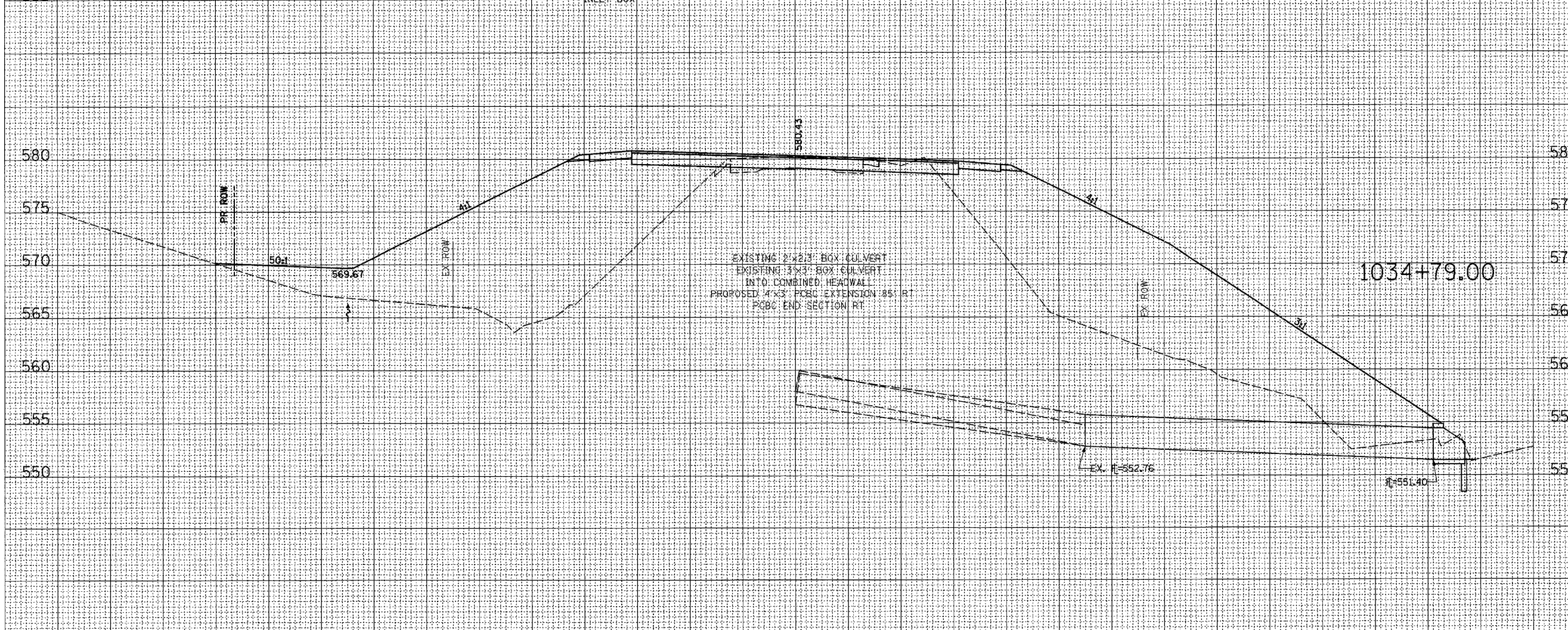
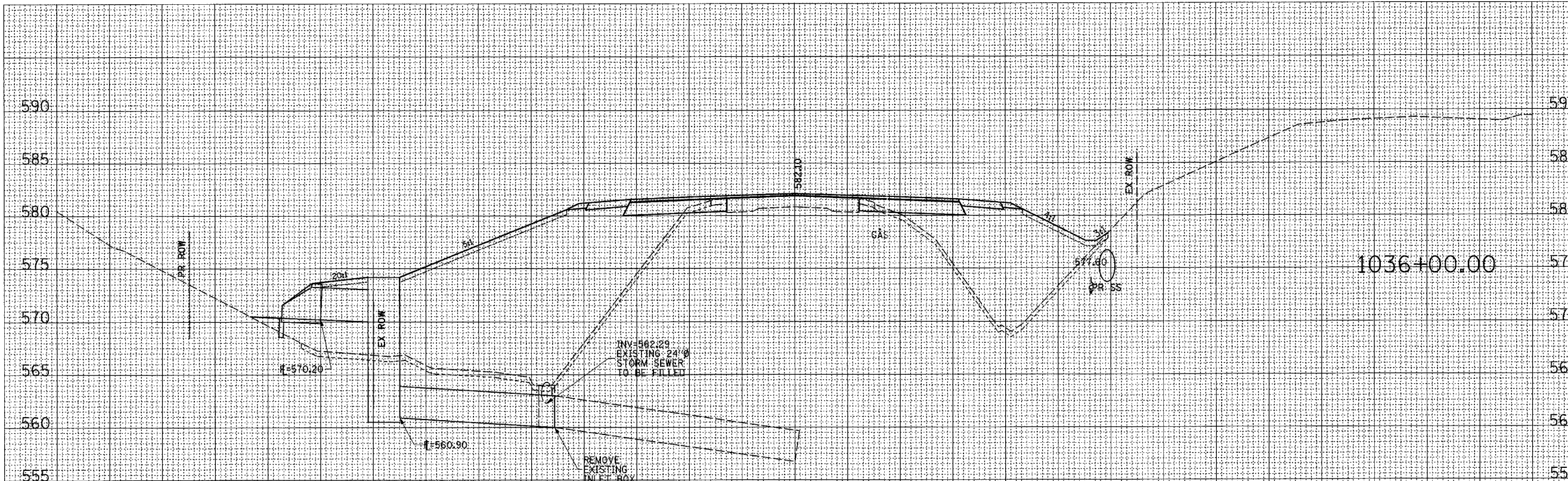
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| F.A.P. RTE.                       | SECTION | COUNTY                    | TOTAL SHEETS | SHEET NO. |
|-----------------------------------|---------|---------------------------|--------------|-----------|
| 774                               | *       | EFFINGHAM                 | 273          | 169       |
| STA.                              |         | TO STA.                   |              |           |
| FED. ROAD DIST. NO. 7             |         | ILLINOIS FED. AID PROJECT |              |           |
| 107WRS-1, 107BY, 107BY-1 & 107B-2 |         | CONTRACT NO. 9482Z        |              |           |

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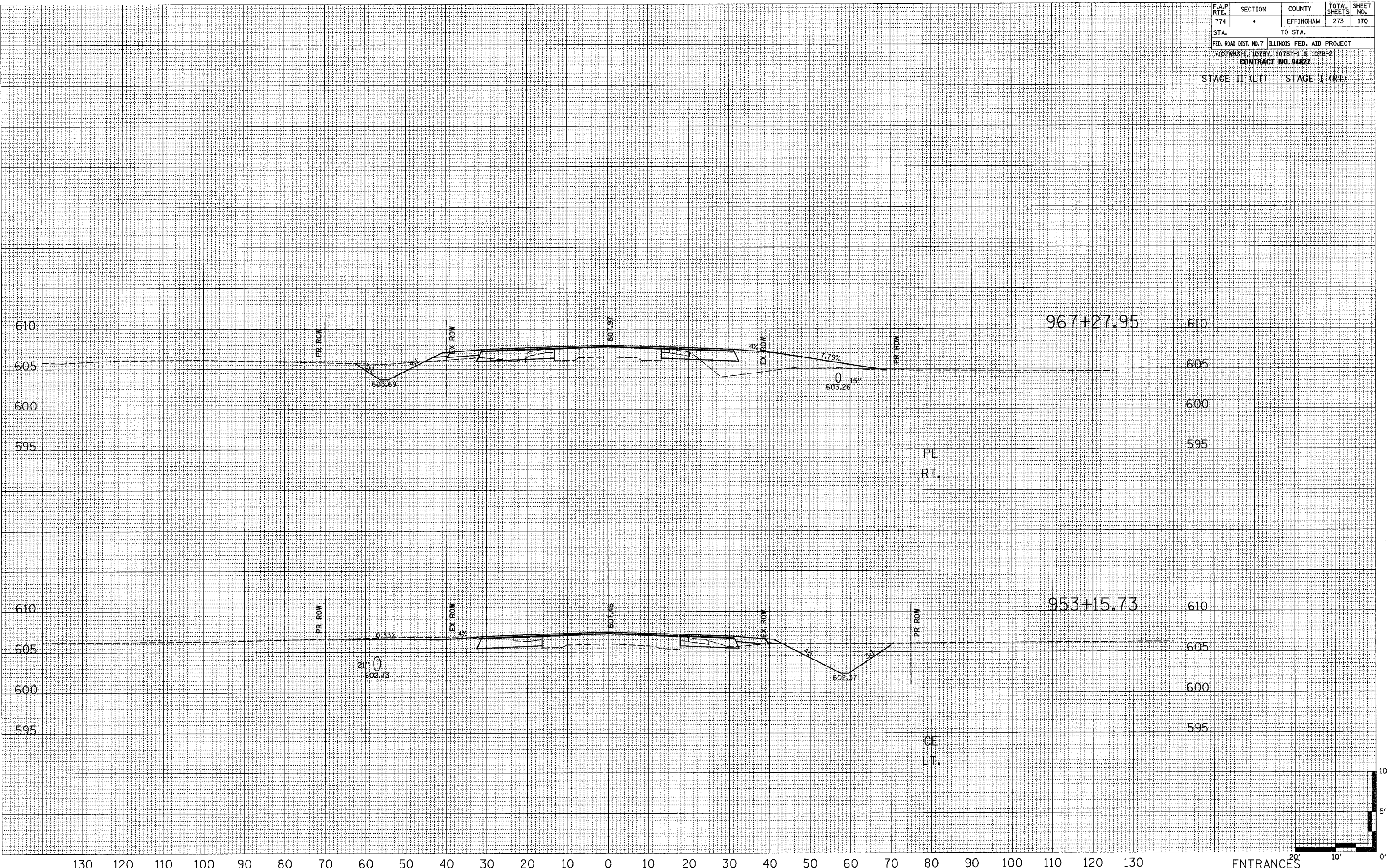
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| DATE            |  |
| BY              |  |
| ORIGINAL SURVEY |  |
| PLOTTED         |  |
| NOTE BOOK       |  |
| AREAS CHECKED   |  |
| NO.             |  |



|                                    |         |                           |              |           |
|------------------------------------|---------|---------------------------|--------------|-----------|
| F.A.P. RTE.                        | SECTION | COUNTY                    | TOTAL SHEETS | SHEET NO. |
| 774                                | *       | EFFINGHAM                 | 273          | 170       |
| STA.                               |         | TO STA.                   |              |           |
| FED. ROAD DIST. NO. 7              |         | ILLINOIS FED. AID PROJECT |              |           |
| *107WRS-1, 107BY, 107BY-1 & 107B-2 |         | CONTRACT NO. 94822        |              |           |
| STAGE II (L.T.)                    |         | STAGE I (RT.)             |              |           |

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

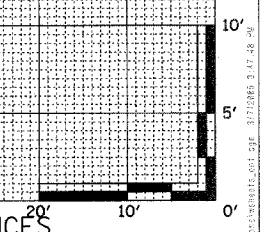
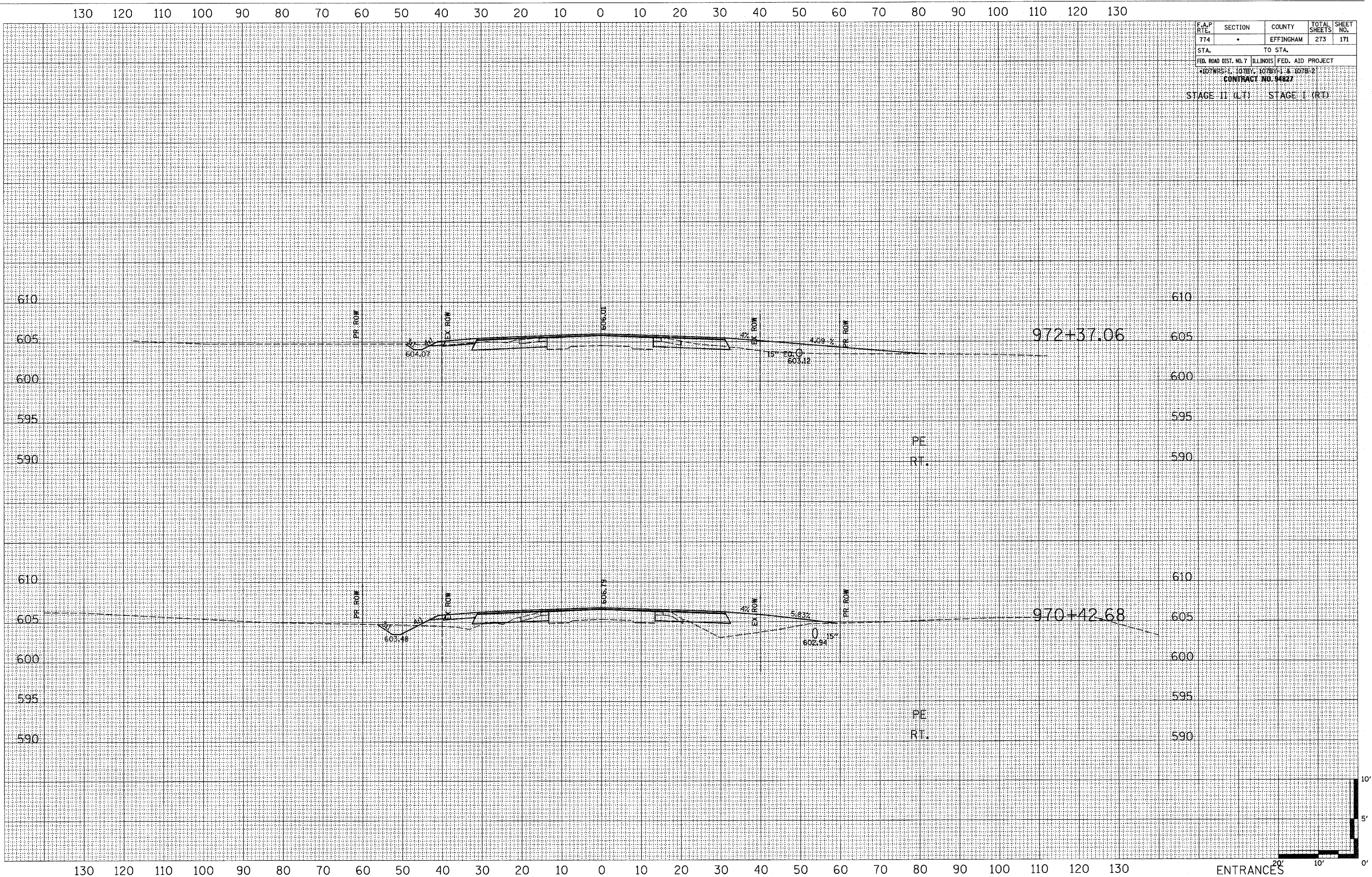
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| DATE            |  |
| BY              |  |
| ORIGINAL SURVEY |  |
| SURVEYED        |  |
| PLOTTED         |  |
| NOTE BOOK       |  |
| AREAS           |  |
| CHECKED         |  |
| NO.             |  |



| F.A.P. RTE.                                     | SECTION | COUNTY       | TOTAL SHEETS | SHEET NO. |
|---|---------|--------------|--------------|-----------|
| 774   | *       | EFFINGHAM    | 273          | 171       |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |              |              |           |
| *107WRS-1, 107BY, 107BY-1 & 107B-2              |         |              |              |           |
| CONTRACT NO. 94827                              |         |              |              |           |
| STAGE II (LT)                                   |         | STAGE I (RT) |              |           |

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

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

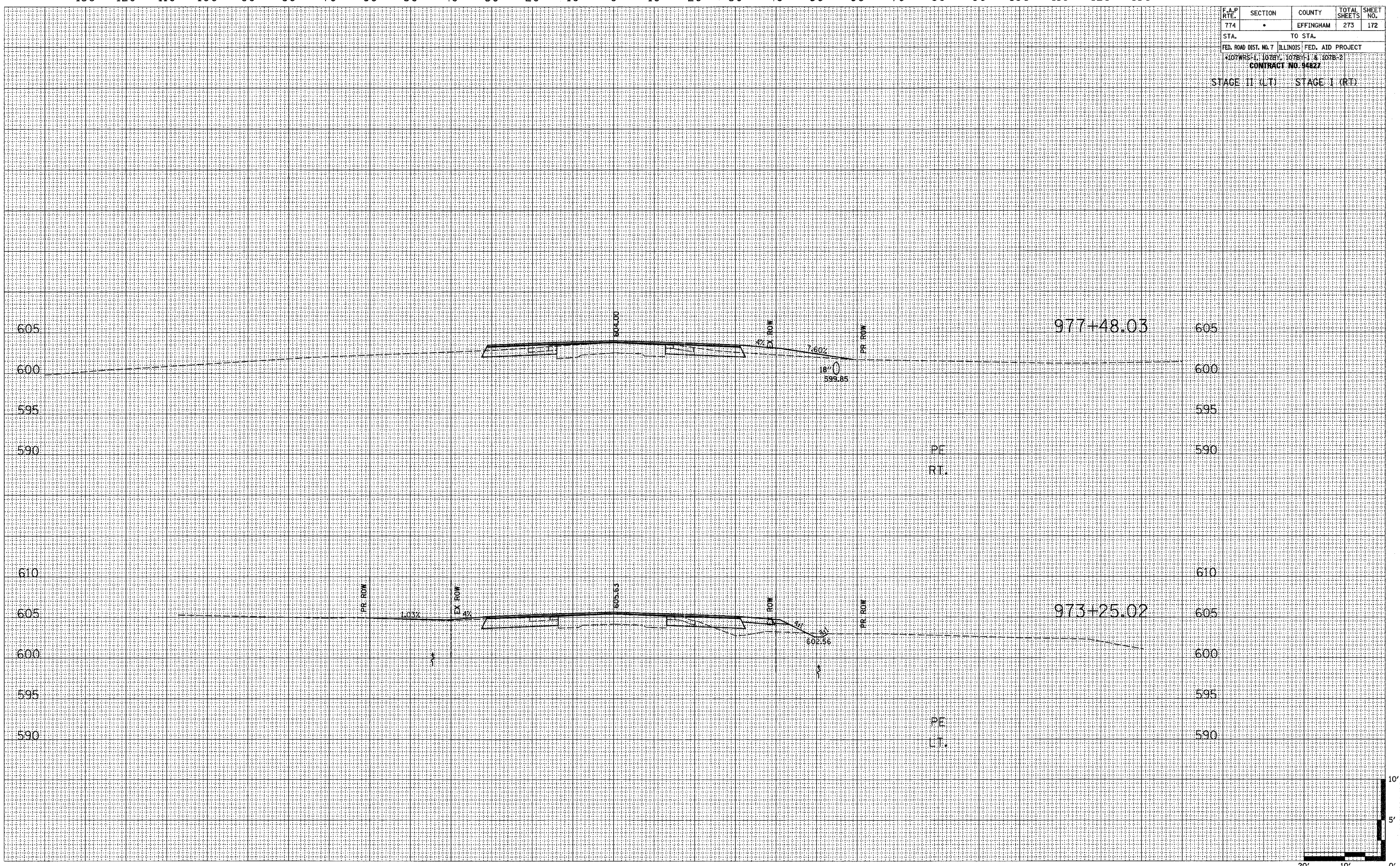


130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

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|---|---------|-----------|--------------|-----------|
| F.A.P. RTE.                                     | SECTION | COUNTY    | TOTAL SHEETS | SHEET NO. |
| 774   | *       | EFFINGHAM | 273          | 172       |
| STA.  |         | TO STA.   |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |           |              |           |
| *107WRS-1, 107BY, 107BY-1 & 107B-2              |         |           |              |           |
| CONTRACT NO. 94827                              |         |           |              |           |
| STAGE II (LT)                                   |         |           | STAGE I (RT) |           |

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

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



SCALE: VERTICAL 1" = 5', HORIZONTAL 1" = 20'







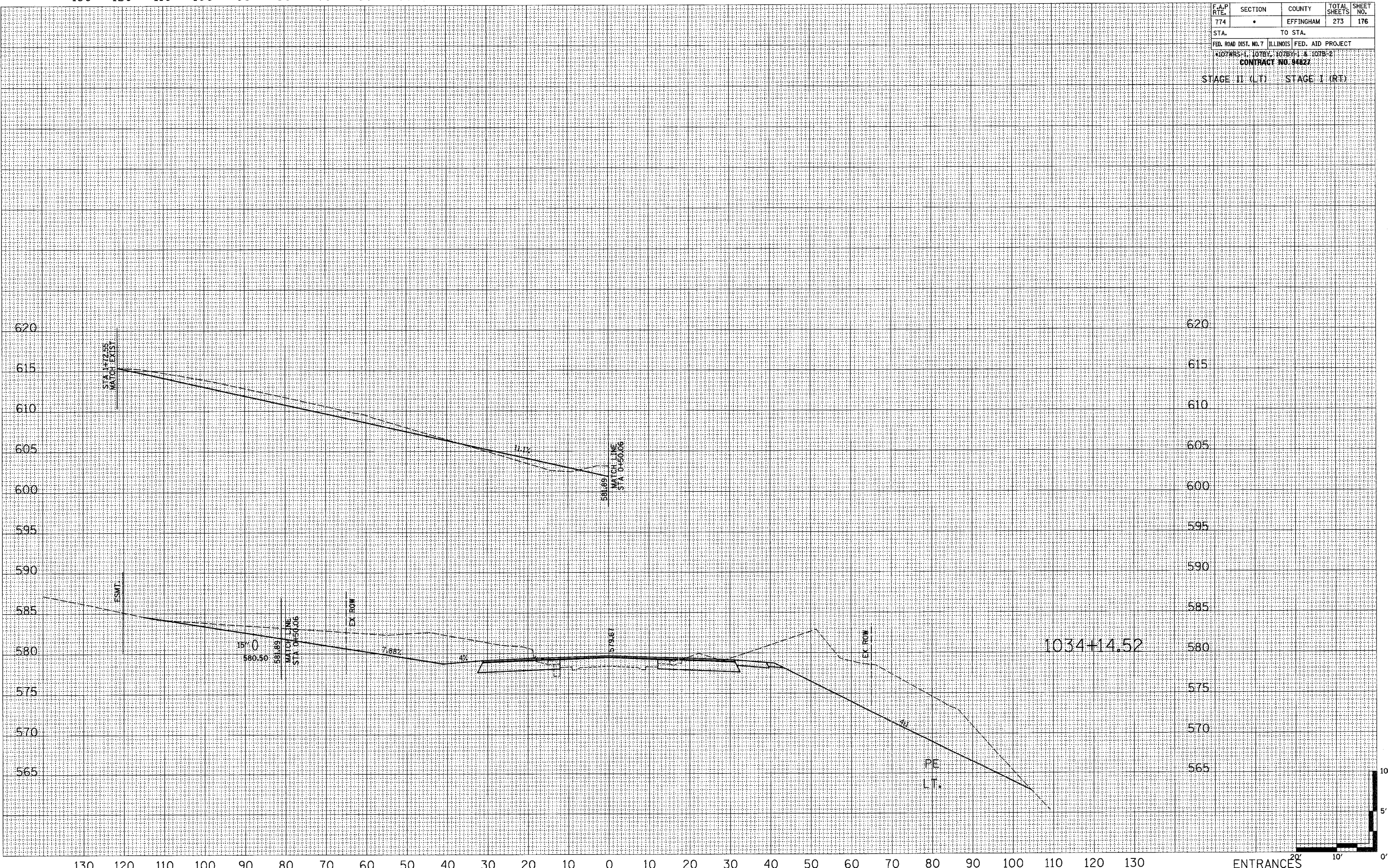


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|                                    |         |                           |              |           |
|------------------------------------|---------|---------------------------|--------------|-----------|
| F.A.P. RTE.                        | SECTION | COUNTY                    | TOTAL SHEETS | SHEET NO. |
| 774                                | *       | EFFINGHAM                 | 273          | 176       |
| STA.                               |         | TO STA.                   |              |           |
| FED. ROAD DIST. NO. 7              |         | ILLINOIS FED. AID PROJECT |              |           |
| *107WRS-1, 107BY, 107BY-1 & 107B-2 |         | CONTRACT NO. 94827        |              |           |
| STAGE II (LT)                      |         | STAGE I (RT)              |              |           |

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

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



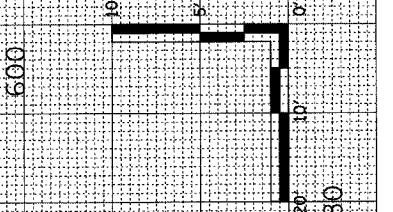
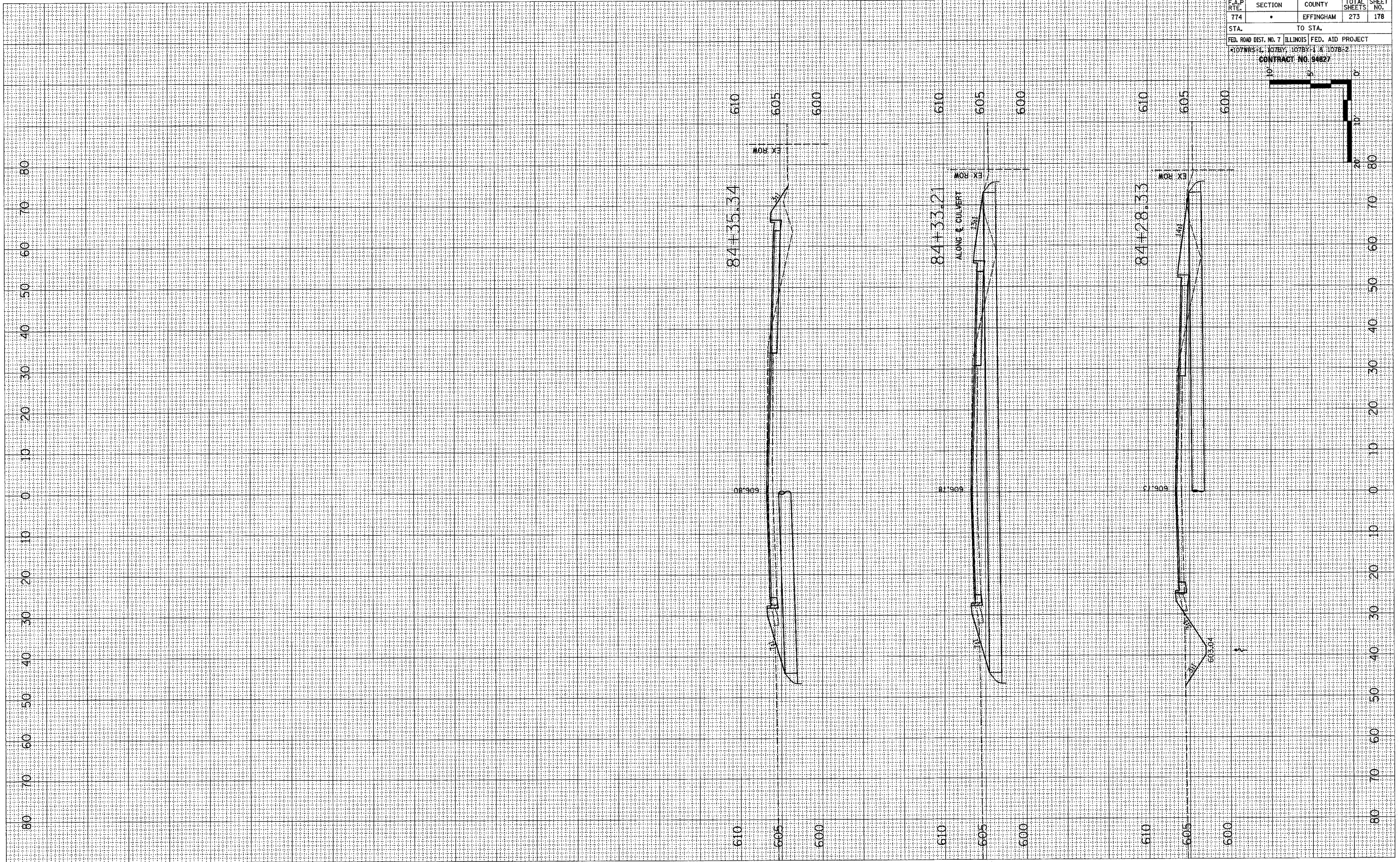
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|---------------|---------------|----|------|
| FINAL SURVEY  | SURVEYED      | BY | DATE |
| NOTE BOOK NO. | PLOTTED       |    |      |
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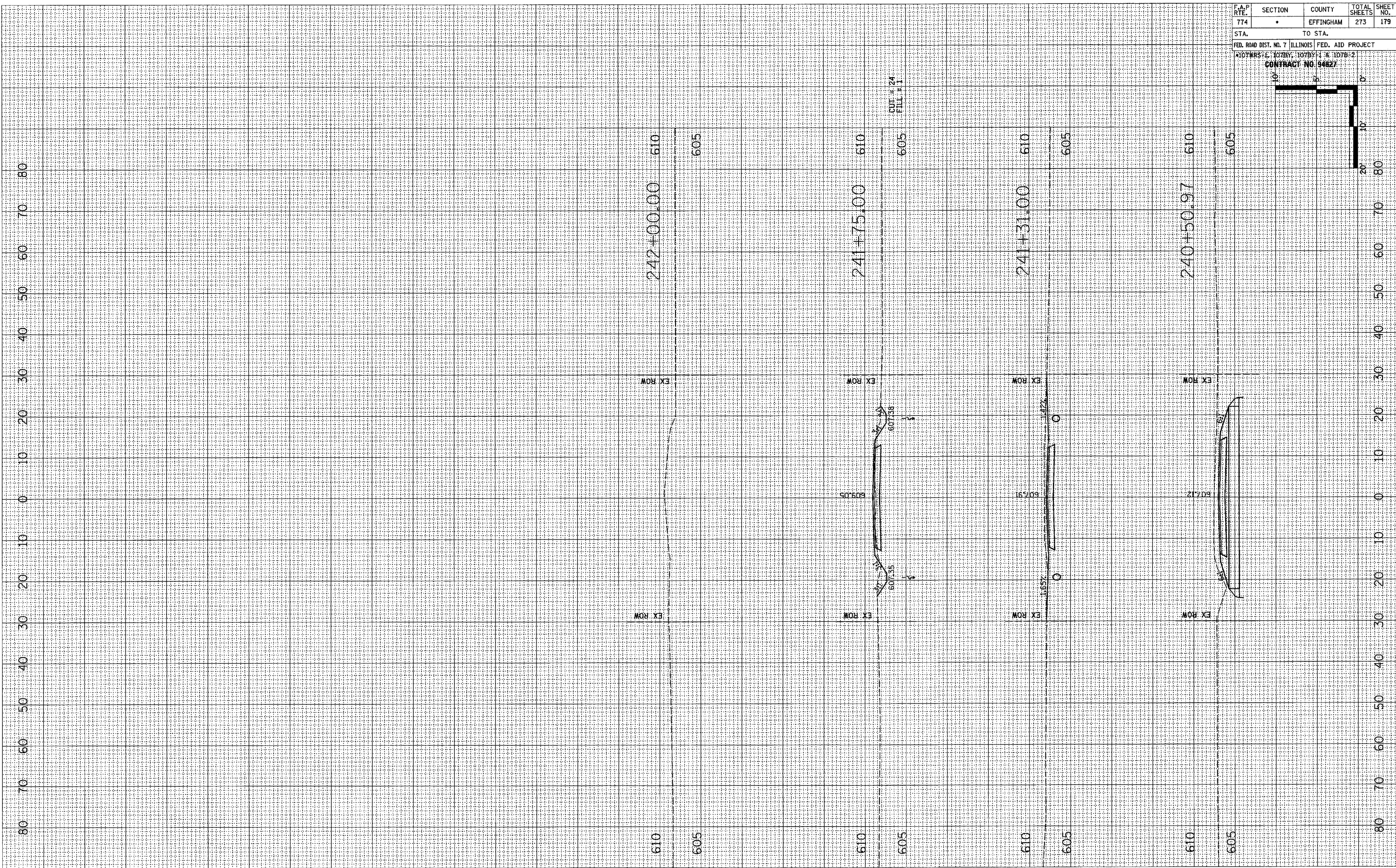
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| F.A.P. RITE.                                    | SECTION | COUNTY    | TOTAL SHEETS | SHEET NO. |
| 774   | *       | EFFINGHAM | 273          | 178       |
| STA.  |         | TO STA.   |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |           |              |           |
| 107WRS-1, 107BY, 107BY-1 & 107B-2               |         |           |              |           |
| CONTRACT NO. 94827                              |         |           |              |           |



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| F.A.P. RTE. 774                                 | SECTION * | COUNTY EFFINGHAM | TOTAL SHEETS 273 | SHEET NO. 179 |
| STA.  |           | TO STA.          |                  |               |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |           |                  |                  |               |
| 107WRS-1, 107BY, 107BY-1 & 107B-2               |           |                  |                  |               |
| CONTRACT NO. 94827                              |           |                  |                  |               |

WEBB STREET

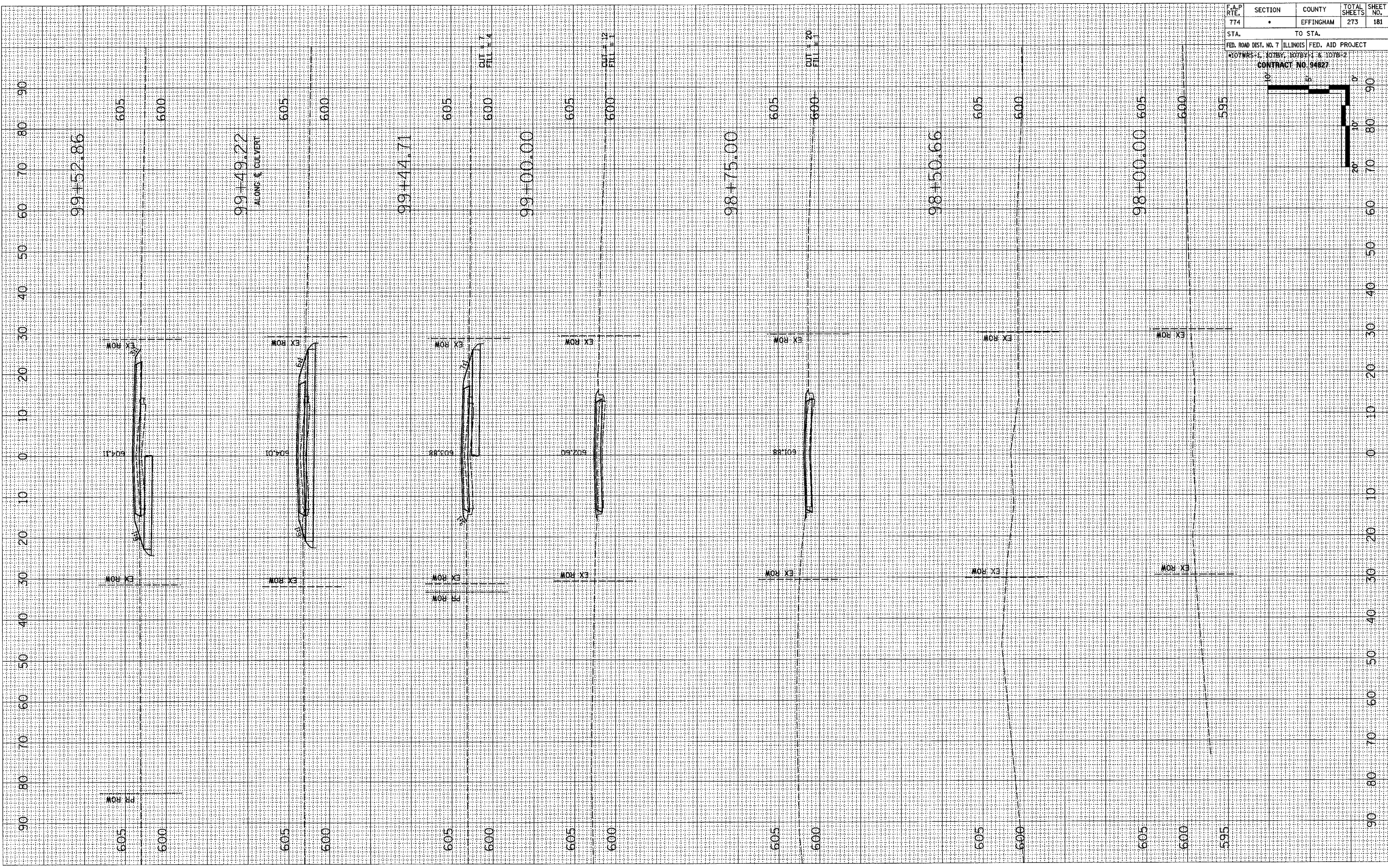
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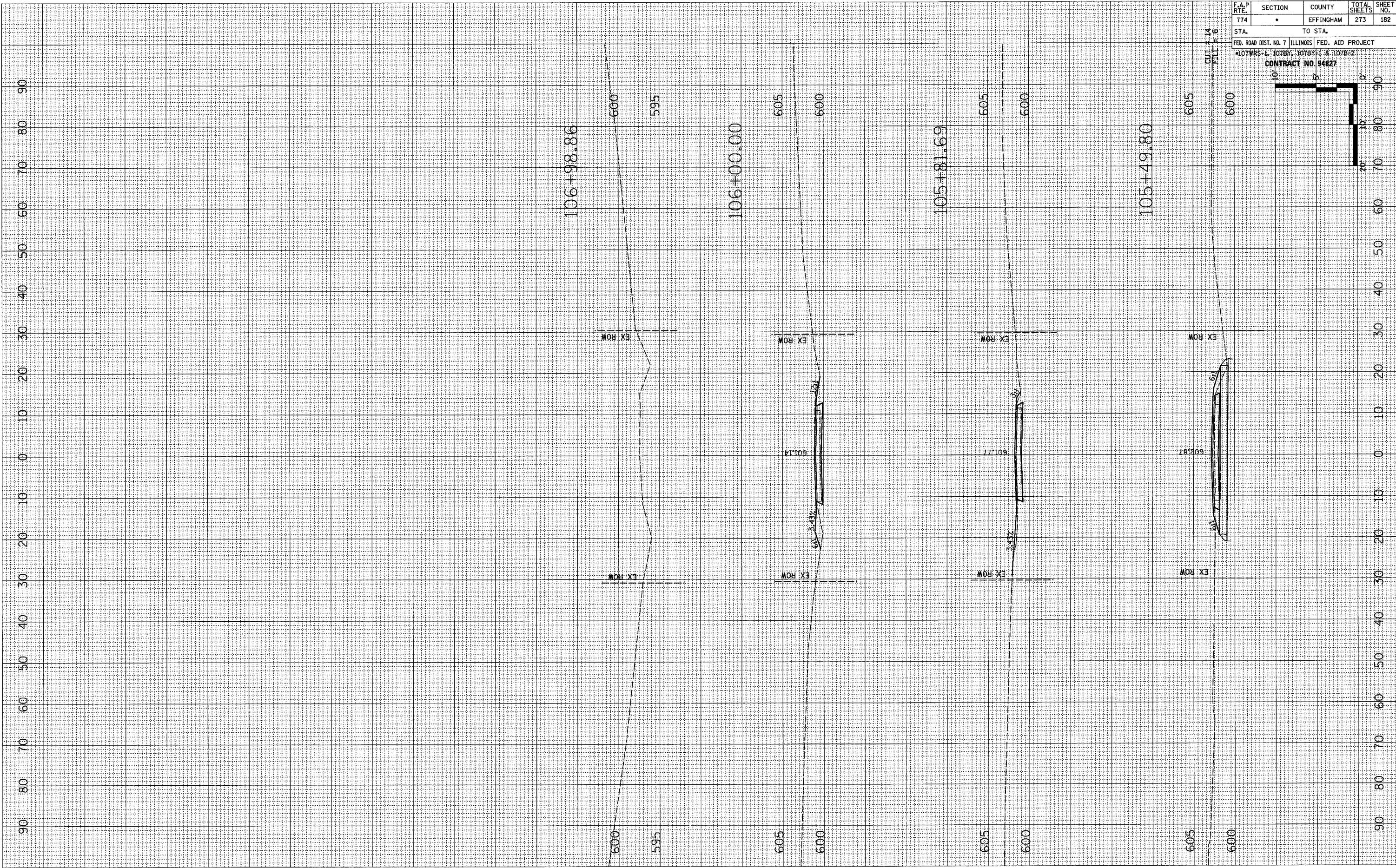


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|-----------------------------------|-----------|---|------------------|---------------|
| F.A.P. RTE. 774                   | SECTION * | COUNTY EFFINGHAM                                | TOTAL SHEETS 273 | SHEET NO. 181 |
| STA. TO STA.                      |           | FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |                  |               |
| 107WRS-1, 107BY, 107BY-1 & 107B-2 |           | CONTRACT NO. 94827                              |                  |               |

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| F.A.P. RTE. | SECTION | COUNTY    | TOTAL SHEETS | SHEET NO. |
|-------------|---------|-----------|--------------|-----------|
| 774         | •       | EFFINGHAM | 273          | 182       |

STA. TO STA.  
 FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT  
 \*107WRS-1, 107BY, 107BY-1 & 107B-2  
 CONTRACT NO. 94827

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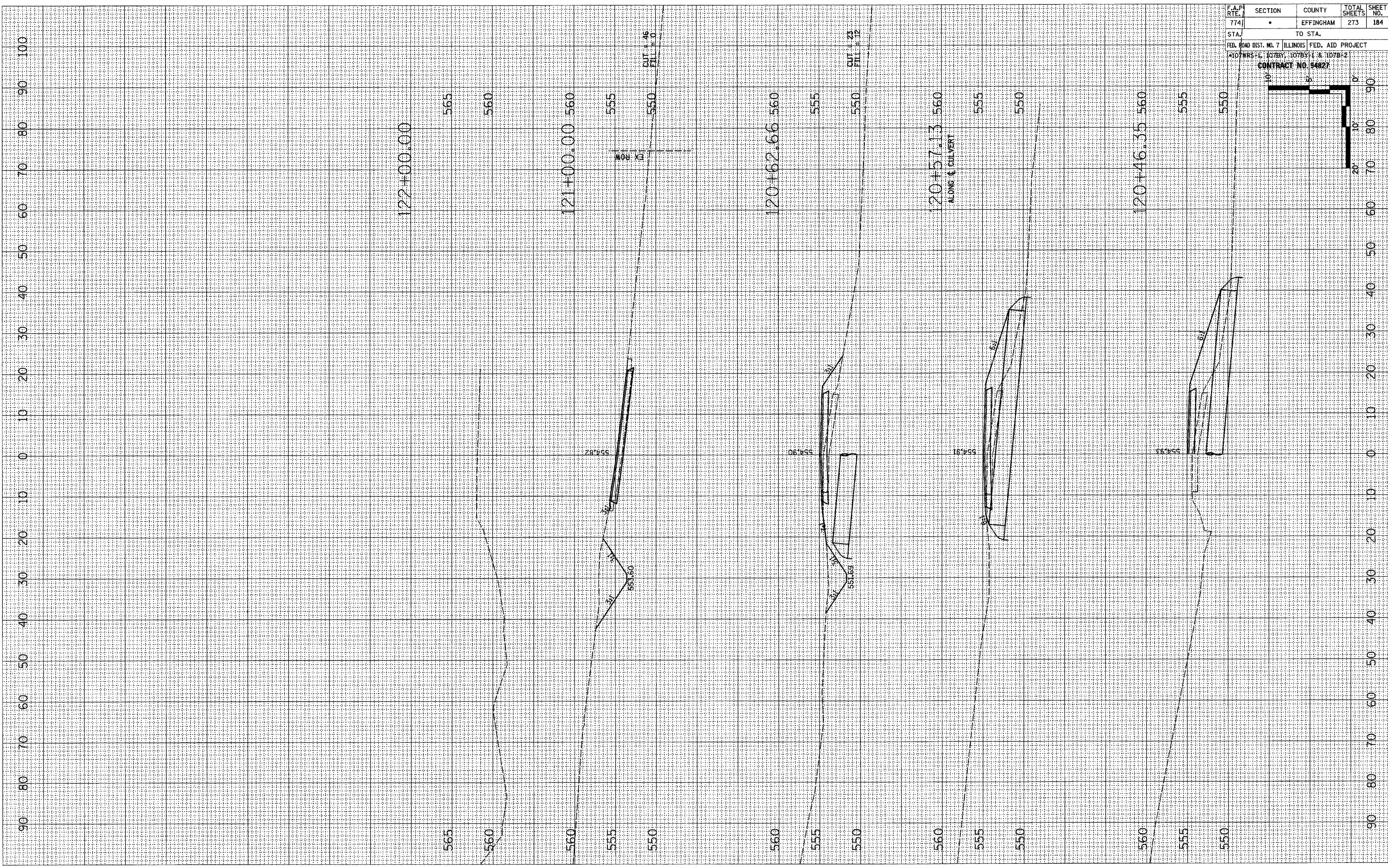
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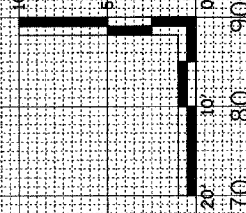
| F.A.P. RTE.                                     | SECTION | COUNTY    | TOTAL SHEETS | SHEET NO. |
|---|---------|-----------|--------------|-----------|
| 774   | .       | EFFINGHAM | 273          | 183       |
| STA. TO STA.                                    |         |           |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |           |              |           |
| 107WRS-1, 107BY, 107BY-1 & 107B-2               |         |           |              |           |
| CONTRACT NO. 94827                              |         |           |              |           |

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| F.A.P. RTE. 774                                 | SECTION | COUNTY    | TOTAL SHEETS | SHEET NO. |
|   |         | EFFINGHAM | 273          | 184       |
| STA.  | TO STA. |           |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |           |              |           |
| 107WRS-1, 107BY, 107BY-1 & 107B-2               |         |           |              |           |
| CONTRACT NO. 94827                              |         |           |              |           |



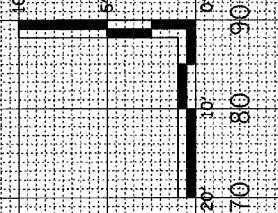
IRISH HILL ROAD  
EFFINGHAM COUNTY

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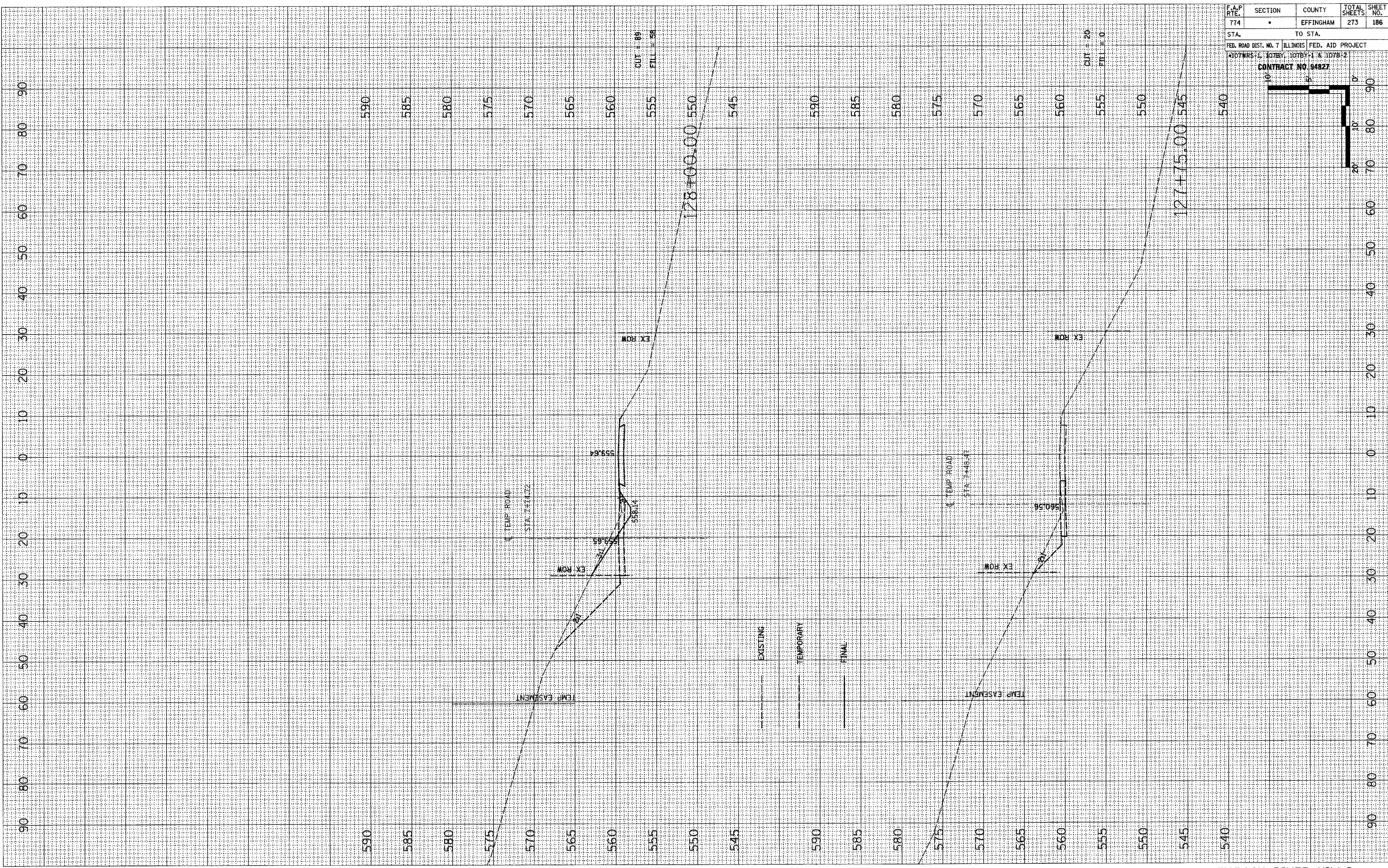
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| F.A.P. RTE. 774                                 | SECTION | COUNTY EFFINGHAM | TOTAL SHEETS 273 | SHEET NO. 185 |
| STA.  |         | TO STA.          |                  |               |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |                  |                  |               |
| 4107WRS-1, 107BY, 107BY-1 & 107B-2              |         |                  |                  |               |
| CONTRACT NO. 94827                              |         |                  |                  |               |



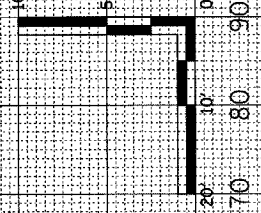
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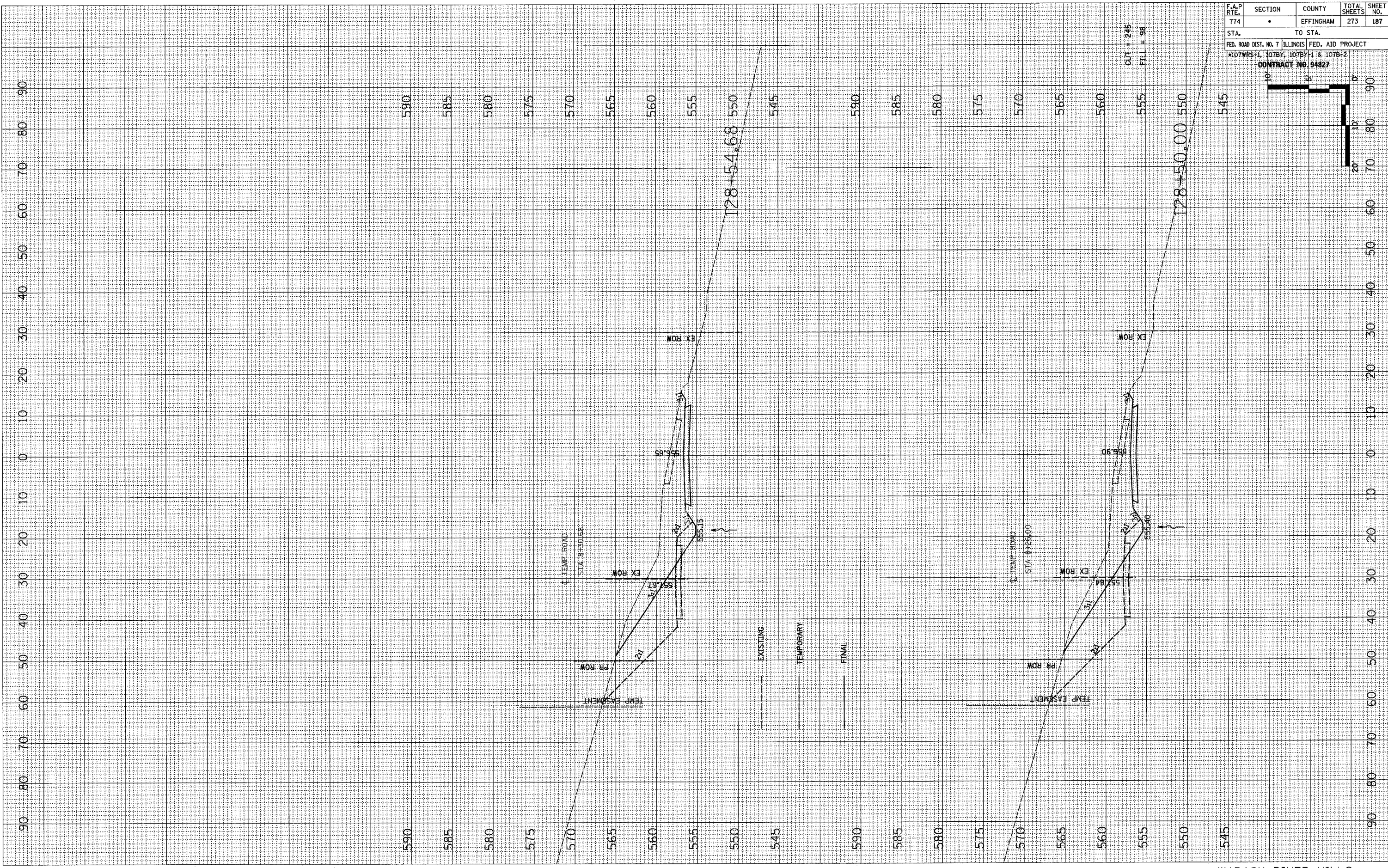
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| F.A.P. RTE.                       | SECTION | COUNTY                    | TOTAL SHEETS | SHEET NO. |
| 774                               |         | EFFINGHAM                 | 273          | 186       |
| STA.                              |         | TO STA.                   |              |           |
| FED. ROAD DIST. NO. 7             |         | ILLINOIS FED. AID PROJECT |              |           |
| 107WRS-1, 107BY, 107BY-1 & 107B-2 |         | CONTRACT NO. 94827        |              |           |



WABASH RIVER HILLS  
EFFINGHAM COUNTY

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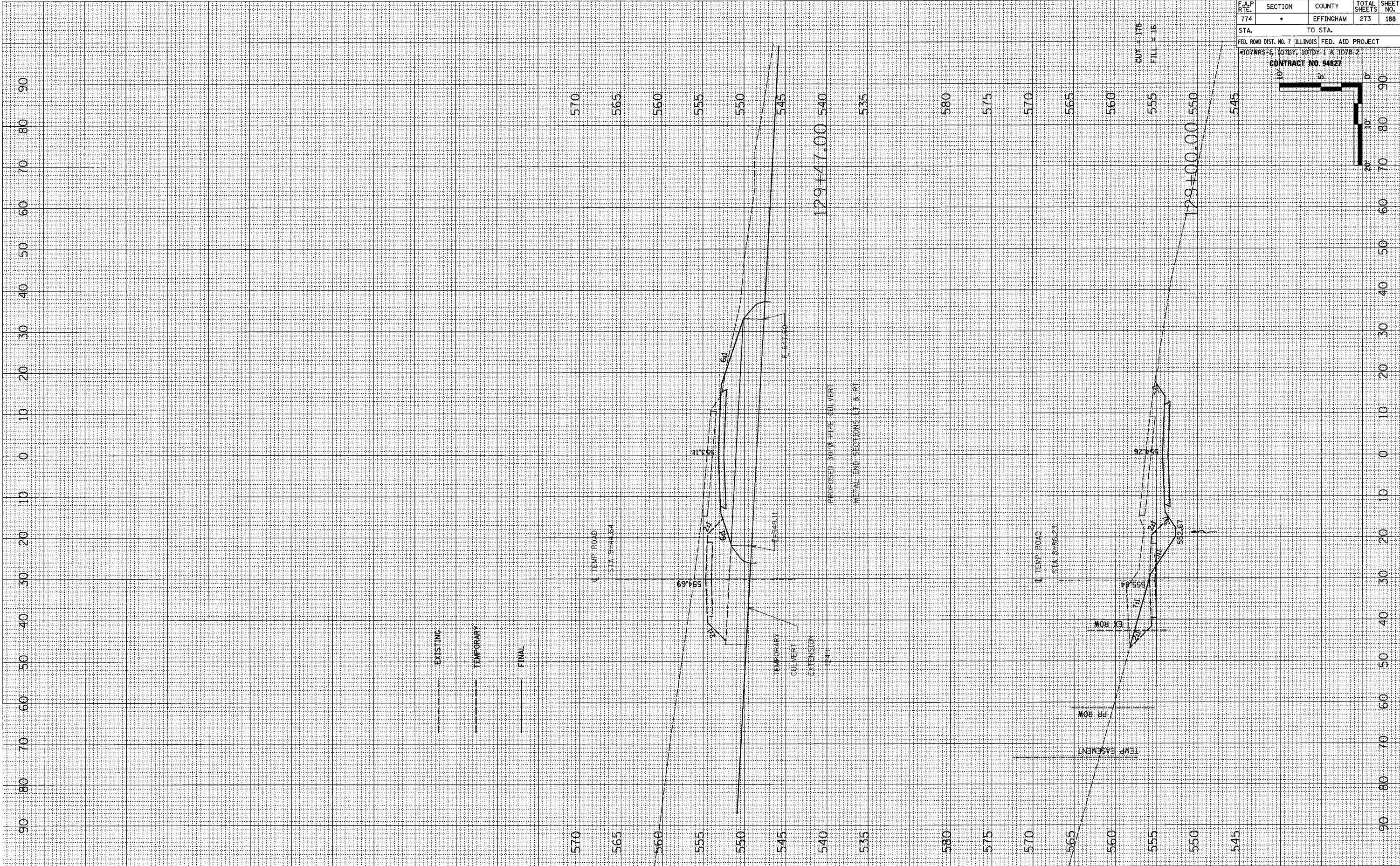


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|-----------------------------------|---------|---------------------------|--------------|-----------|
| F.A.P. RTE.                       | SECTION | COUNTY                    | TOTAL SHEETS | SHEET NO. |
| 774                               | *       | EFFINGHAM                 | 273          | 187       |
| STA.                              |         | TO STA.                   |              |           |
| FED. ROAD DIST. NO. 7             |         | ILLINOIS FED. AID PROJECT |              |           |
| 107WRS-1, 107BY, 107BY-1 & 107B-2 |         | CONTRACT NO. 94827        |              |           |

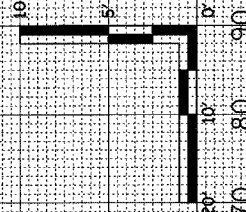
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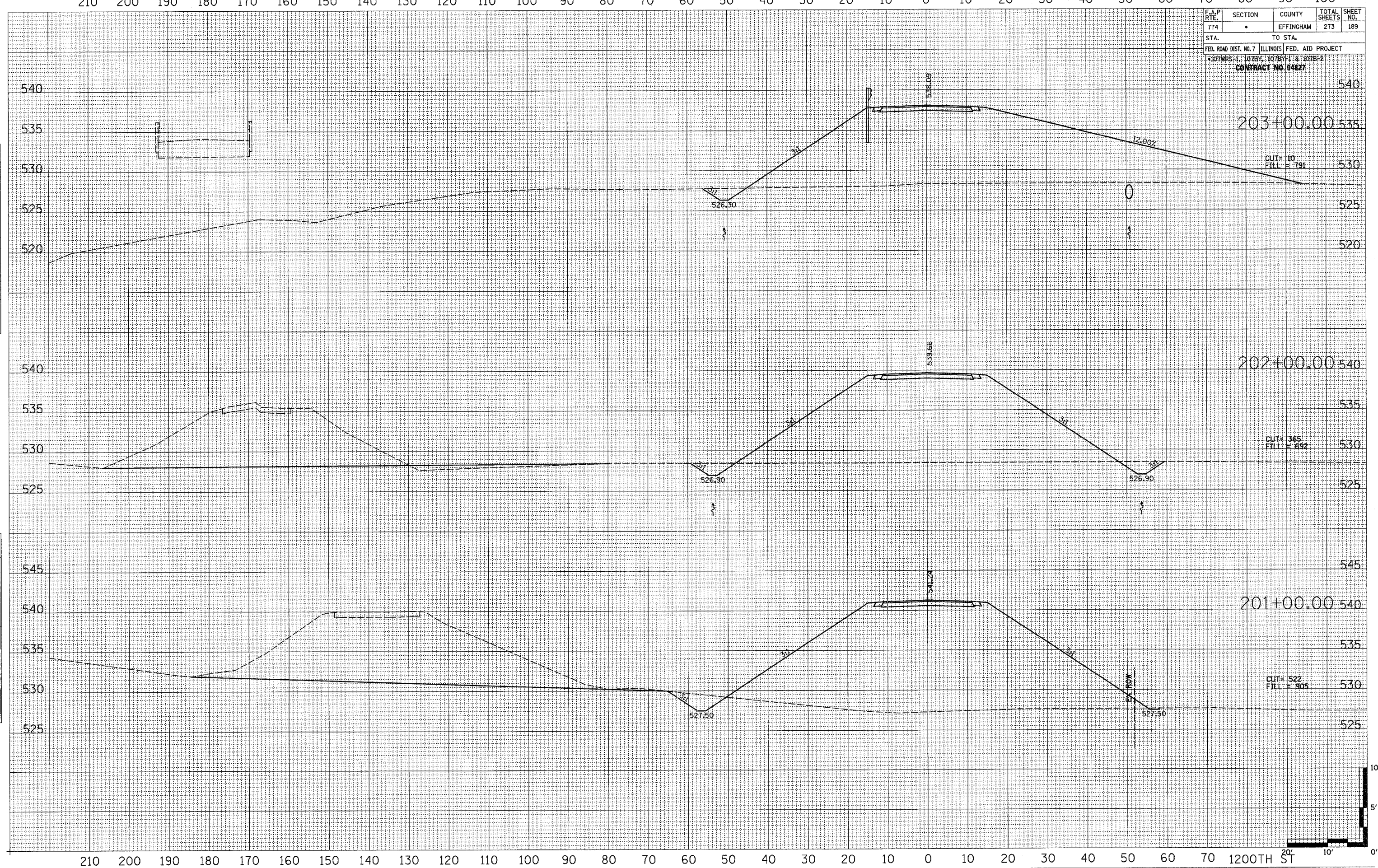
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| F.A.P. RTE.                                     | SECTION | COUNTY    | TOTAL SHEETS | SHEET NO. |
| 774   | *       | EFFINGHAM | 273          | 188       |
| STA.  |         | TO STA.   |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |           |              |           |
| 4107WRS-1, 107BY, 107BY-1 & 107B-2              |         |           |              |           |
| CONTRACT NO. 94827                              |         |           |              |           |



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| F.A.P. RTE.                                     | SECTION | COUNTY    | TOTAL SHEETS | SHEET NO. |
|---|---------|-----------|--------------|-----------|
| 774   | .       | EFFINGHAM | 273          | 189       |
| STA.  | TO STA. |           |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |           |              |           |
| 107WRS-1, 107BY, 107BY-1 & 107B-2               |         |           |              |           |
| CONTRACT NO. 84827                              |         |           |              |           |



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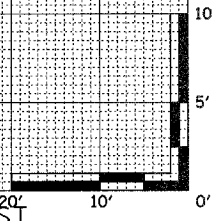
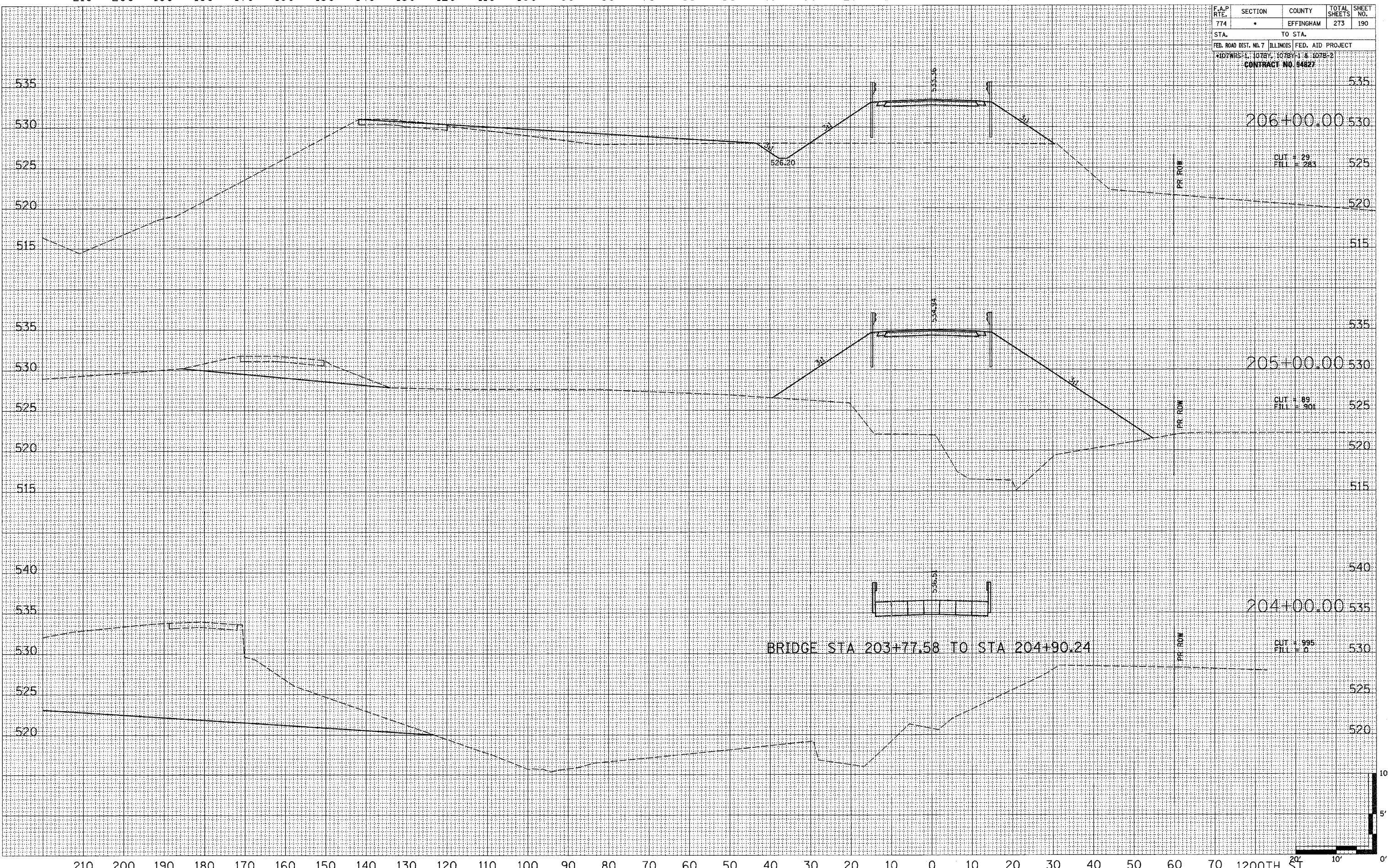
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| F.A.P. RTE.                        | SECTION | COUNTY             | TOTAL SHEETS     | SHEET NO. |
| 774                                | *       | EFFINGHAM          | 273              | 190       |
| STA.                               |         | TO STA.            |                  |           |
| FED. ROAD DIST. NO. 7              |         | ILLINOIS           | FED. AID PROJECT |           |
| 4107WRS-1, 107BY, 107BY-1 & 107B-2 |         | CONTRACT NO. 84827 |                  |           |

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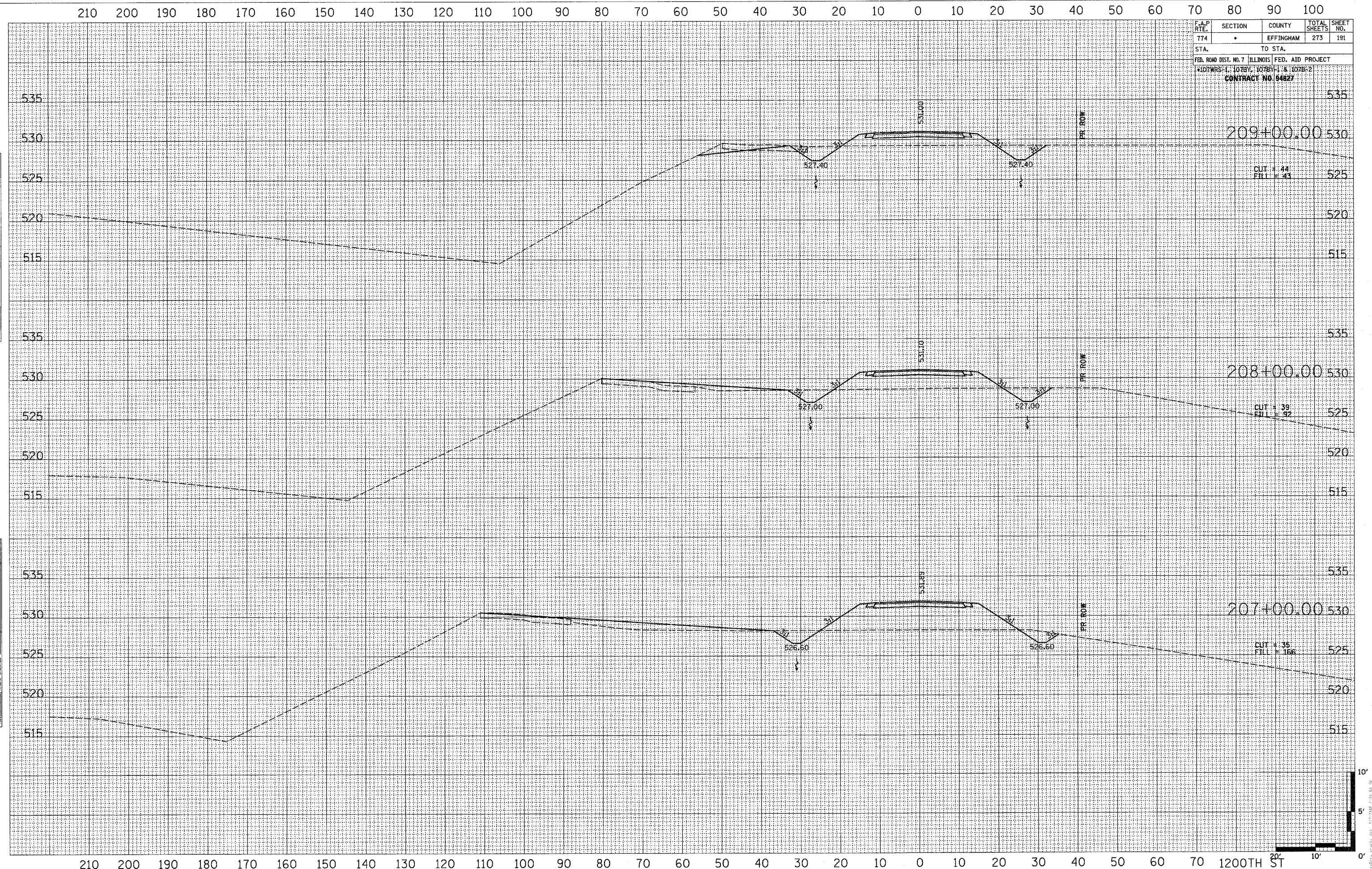
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| F.A.P. RTE.                                     | SECTION | COUNTY    | TOTAL SHEETS | SHEET NO. |
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| 774   | .       | EFFINGHAM | 273          | 191       |
| STA.  |         | TO STA.   |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |           |              |           |
| 4107 WRS-1, 107BY, 107BY-1 & 107B-2             |         |           |              |           |
| CONTRACT NO. 94827                              |         |           |              |           |

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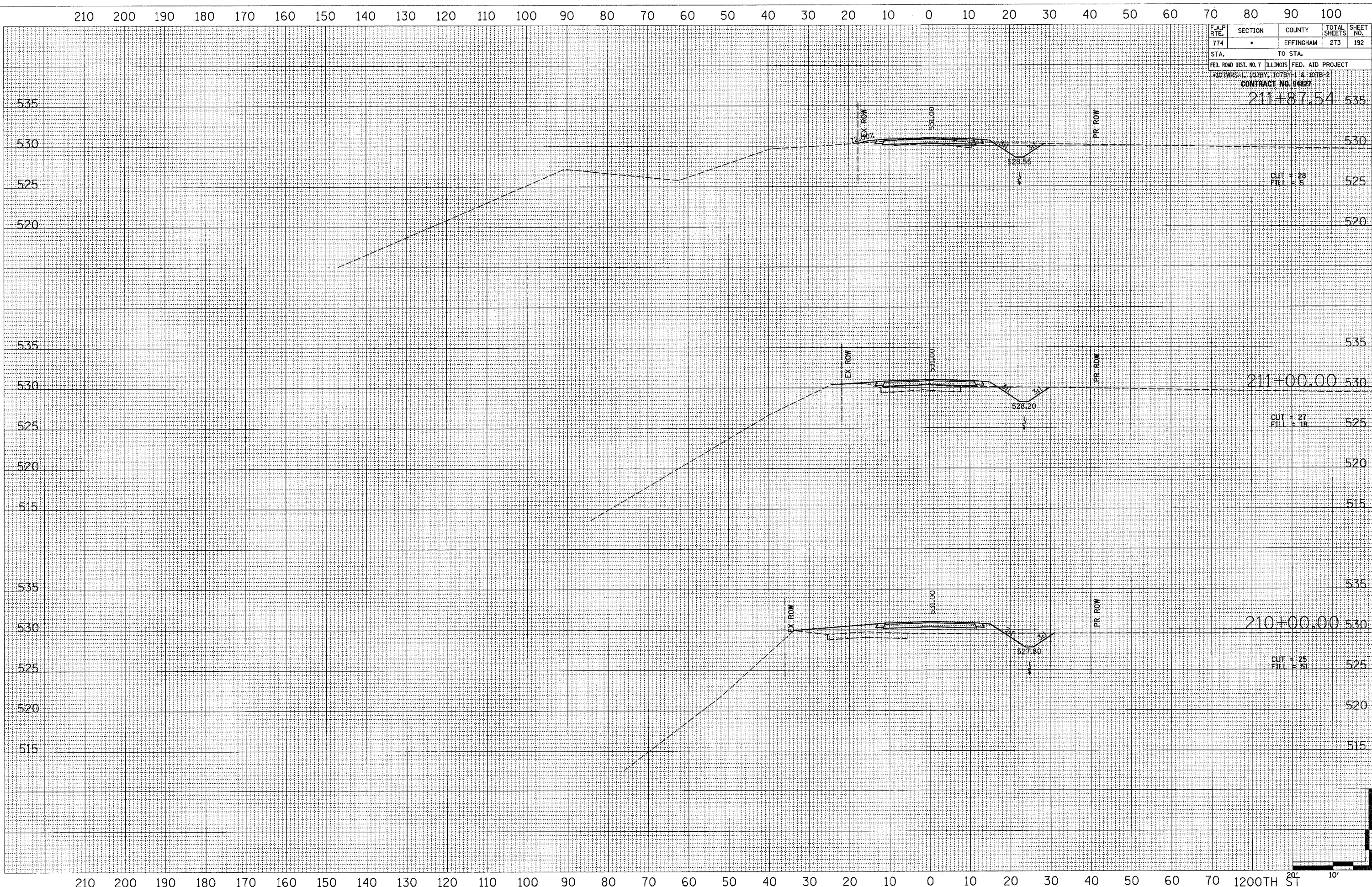
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| F.A.P. RTE.<br>774                              | SECTION<br>• | COUNTY<br>EFFINGHAM | TOTAL SHEETS<br>273 | SHEET NO.<br>192 |
| STA.  |              | TO STA.             |                     |                  |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |              |                     |                     |                  |
| *107WRS-1, 107BY, 107BY-1 & 107B-2              |              |                     |                     |                  |
| CONTRACT NO. 94827                              |              |                     |                     |                  |

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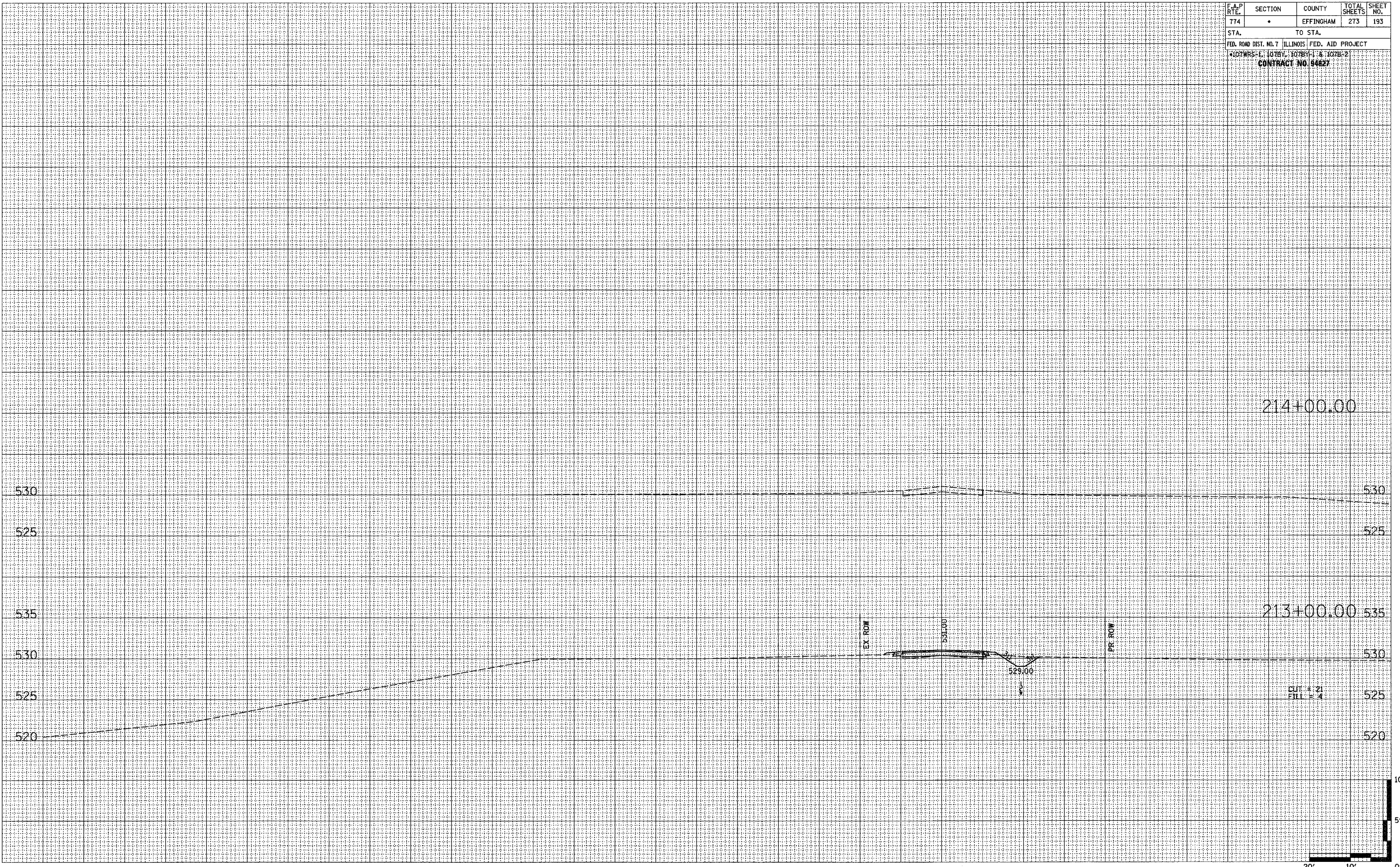


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| F.A.P. RTE.                        | SECTION | COUNTY                    | TOTAL SHEETS | SHEET NO. |
| 774                                | *       | EFFINGHAM                 | 273          | 193       |
| STA.                               |         | TO STA.                   |              |           |
| FED. ROAD DIST. NO. 7              |         | ILLINOIS FED. AID PROJECT |              |           |
| 4107WRS-1, 107BY, 107BY-1 & 107B-2 |         | CONTRACT NO. 84827        |              |           |

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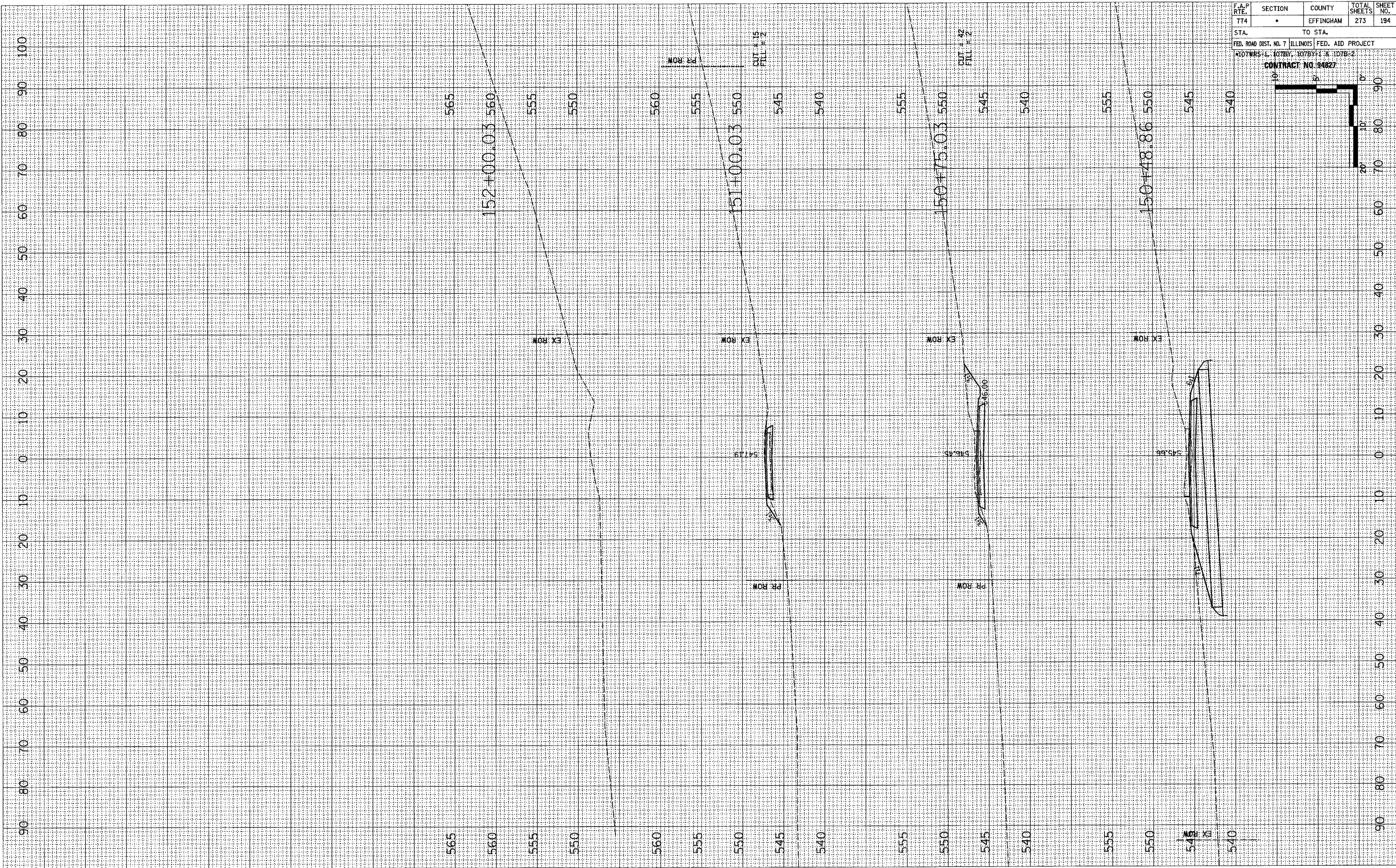


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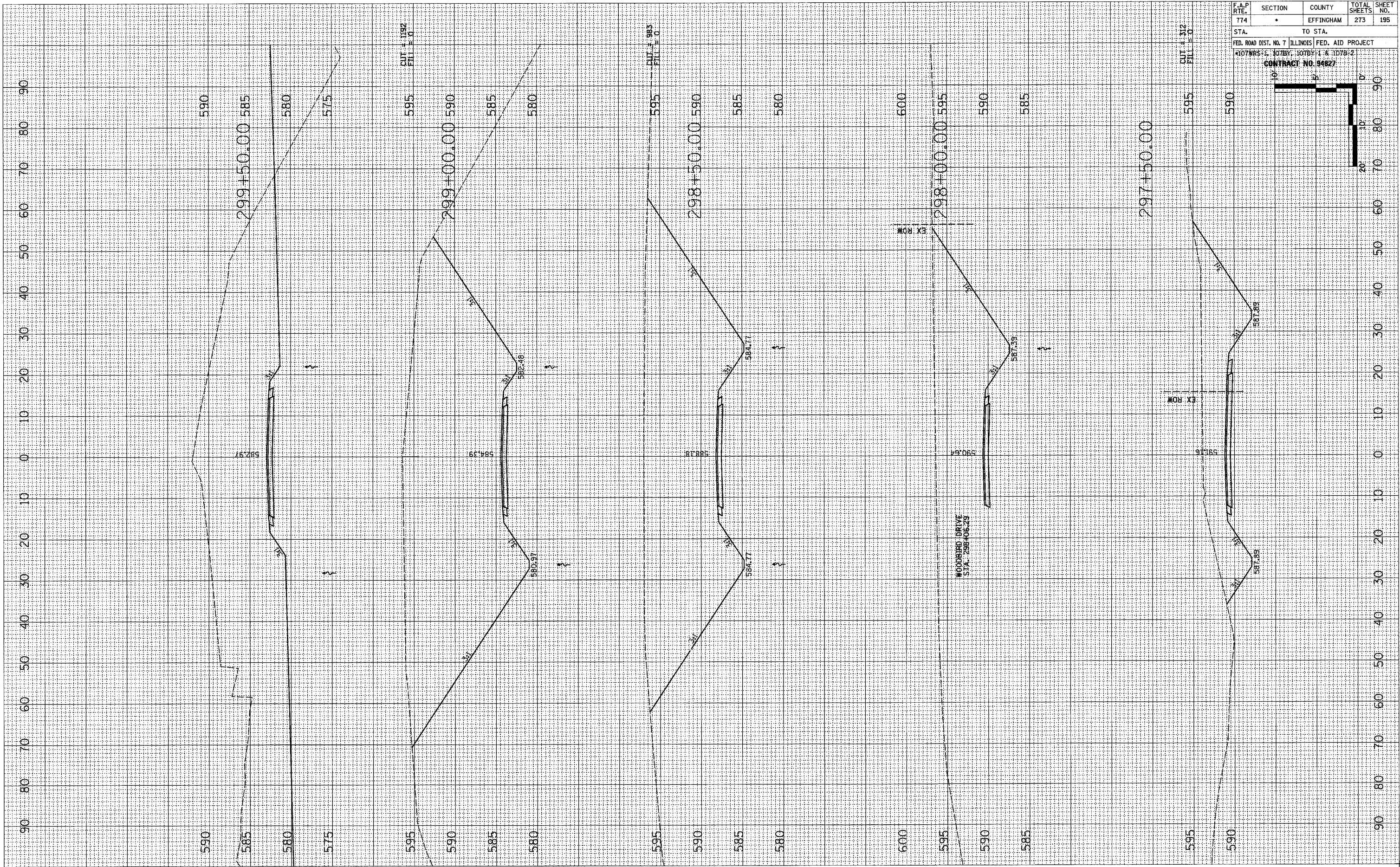


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| F.A.P. RTE.                                     | SECTION | COUNTY    | TOTAL SHEETS | SHEET NO. |
| 774   | *       | EFFINGHAM | 273          | 194       |
| STA.  |         | TO STA.   |              |           |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |           |              |           |
| *107WRS-1, 107BY-1, 107BY-2 & 107B-2            |         |           |              |           |
| CONTRACT NO. 94827                              |         |           |              |           |

LAKE ROAD

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| F.A.P. RITE. | SECTION | COUNTY    | TOTAL SHEETS | SHEET NO. |
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| 774          | *       | EFFINGHAM | 273          | 195       |

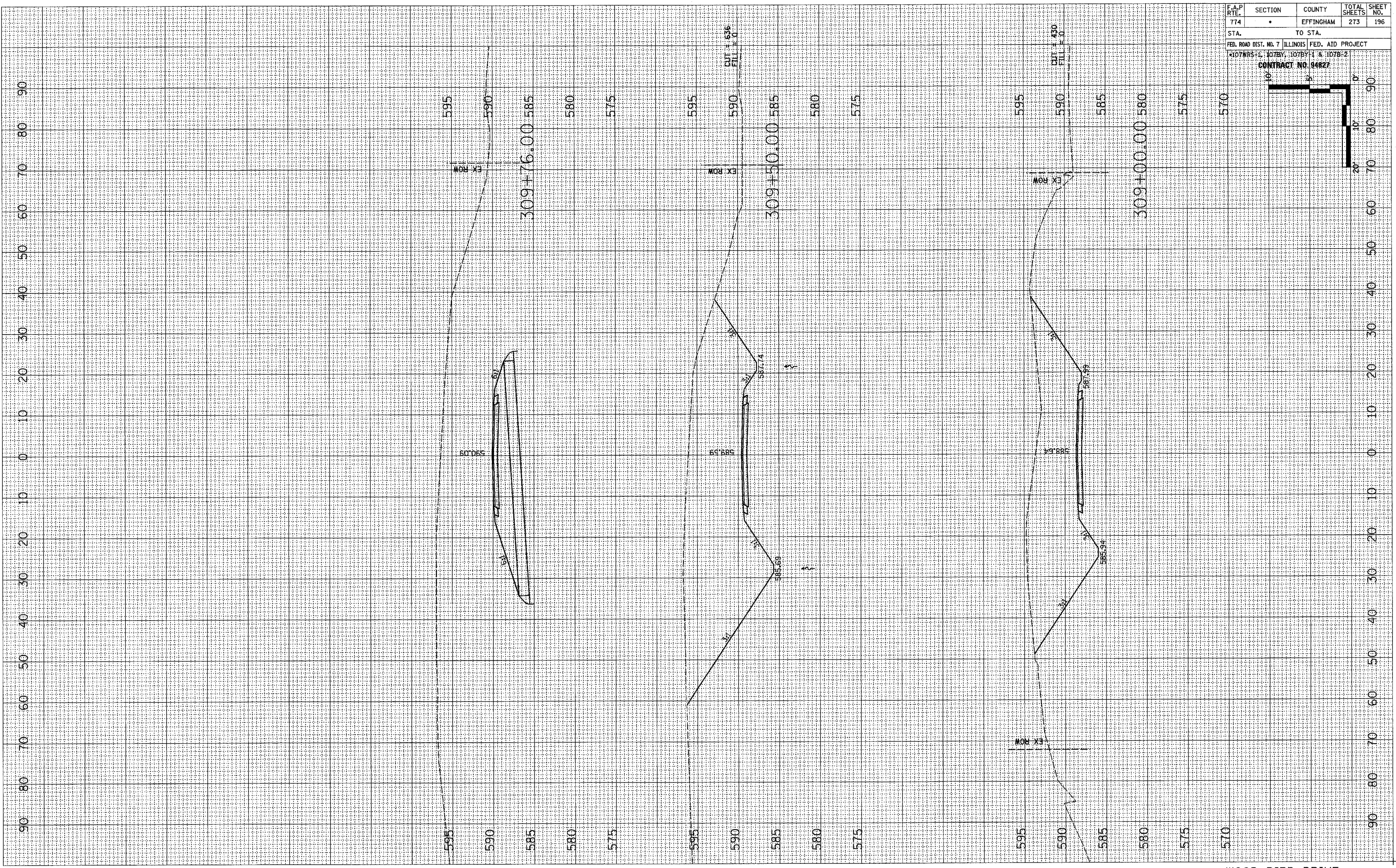
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 FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT  
 107WRS-1, 107BY, 107BY-1 & 107B-2  
 CONTRACT NO. 94827

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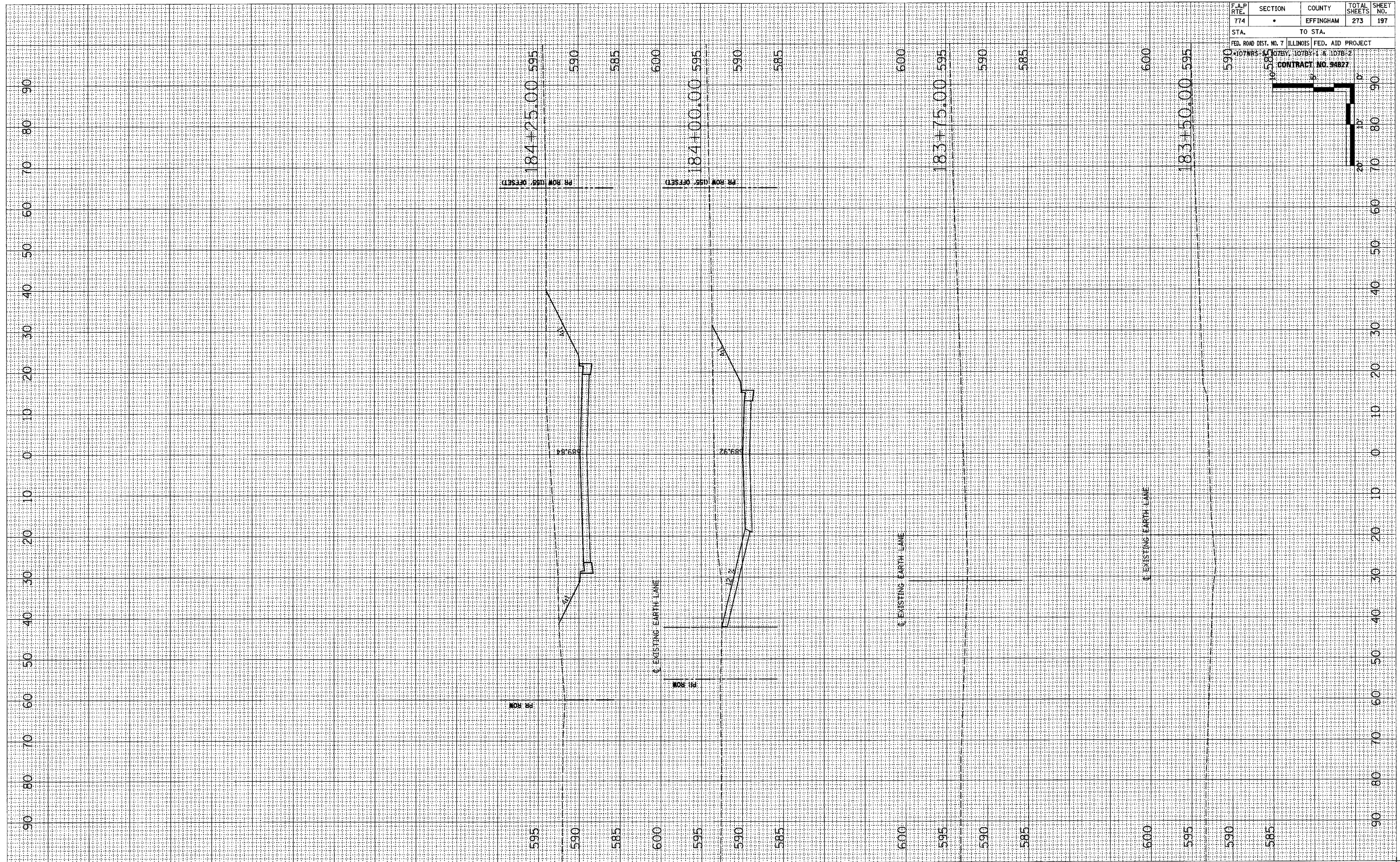
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| F.A.P. RTE.                       | SECTION | COUNTY                    | TOTAL SHEETS | SHEET NO. |
| 774                               | *       | EFFINGHAM                 | 273          | 196       |
| STA.                              |         | TO STA.                   |              |           |
| FED. ROAD DIST. NO. 7             |         | ILLINOIS FED. AID PROJECT |              |           |
| 107WRS-1, 107BY, 107BY-1 & 107B-2 |         | CONTRACT NO. 94827        |              |           |

1:25000 SCALE (SEE SHEET 197 FOR 1:2500 SCALE)

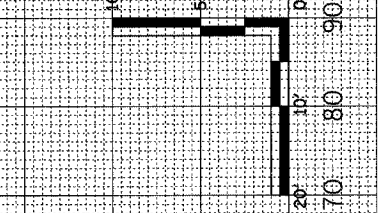


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| NOTE BOOK NO.   | PLOTTED       |    |      |
|                 | TEMPLATE      |    |      |
|                 | AREAS CHECKED |    |      |



|   |         |                  |                  |               |
|---|---------|------------------|------------------|---------------|
| F.A.P. RTE. 774                                 | SECTION | COUNTY EFFINGHAM | TOTAL SHEETS 273 | SHEET NO. 197 |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |         |                  |                  |               |
| CONTRACT NO. 94827                              |         |                  |                  |               |



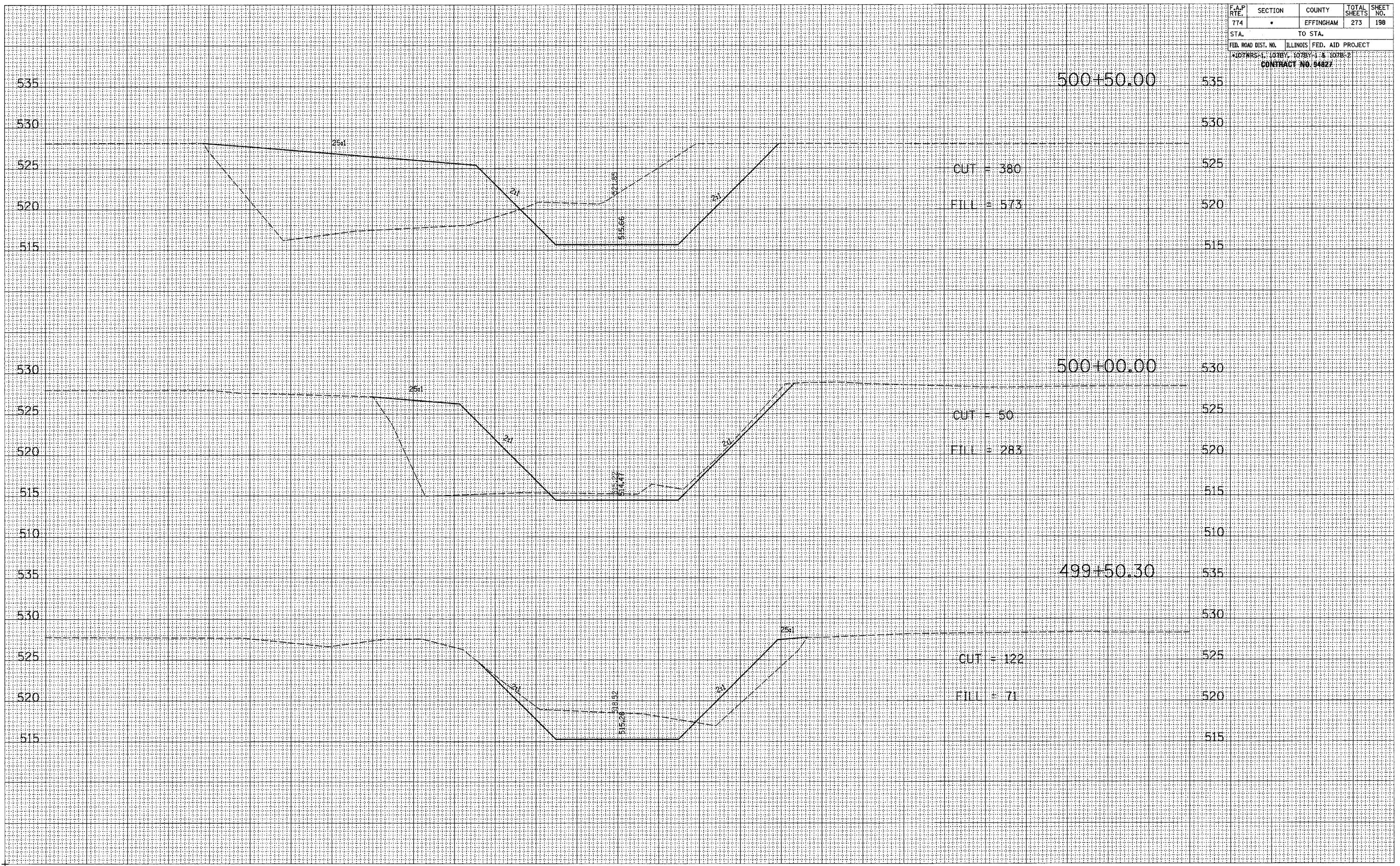
13-08100114(1)A(1)197(1) 3/17/18

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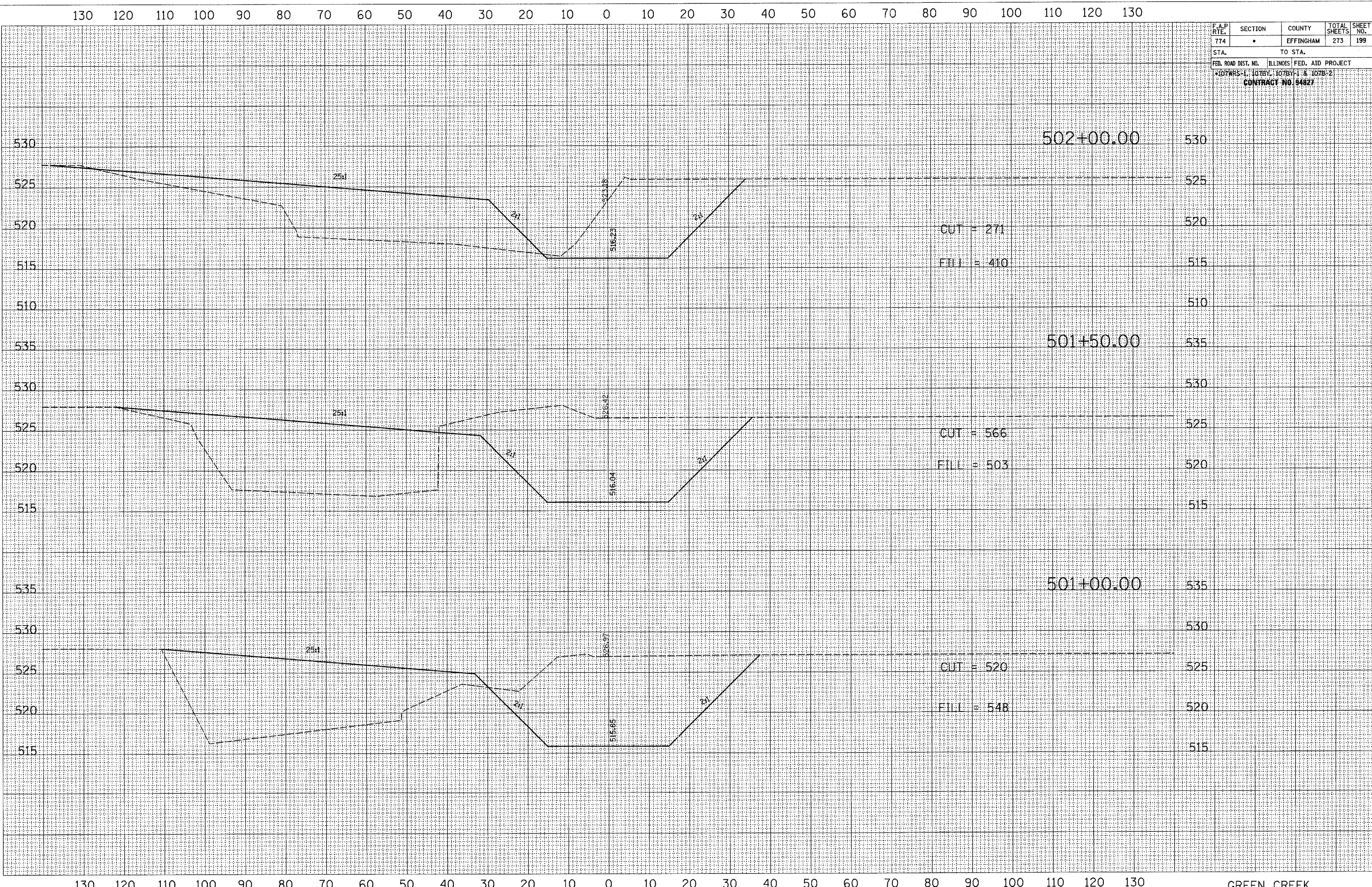
|                                    |         |                           |              |           |
|------------------------------------|---------|---------------------------|--------------|-----------|
| F.A.P. RTE.                        | SECTION | COUNTY                    | TOTAL SHEETS | SHEET NO. |
| 774                                | *       | EFFINGHAM                 | 273          | 198       |
| STA.                               |         | TO STA.                   |              |           |
| FED. ROAD DIST. NO.                |         | ILLINOIS FED. AID PROJECT |              |           |
| *107WRS-1, 107BY, 107BY-1 & 107B-2 |         | CONTRACT NO. 94827        |              |           |

|              |      |
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| FINAL SURVEY | DATE |
| NO.          |      |
| BY           |      |
| DATE         |      |
| NO.          |      |
| BY           |      |
| DATE         |      |
| NO.          |      |
| BY           |      |
| DATE         |      |
| NO.          |      |

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



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| F.A.P. RTE.<br>774 | SECTION<br>• | COUNTY<br>EFFINGHAM                           | TOTAL SHEETS<br>273 | SHEET NO.<br>199 |
| STA. TO STA.       |              | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |                     |                  |
|                    |              | 107WRS-1, 107BY, 107BY-1 & 107B-2             |                     |                  |
|                    |              | CONTRACT NO. 94827                            |                     |                  |



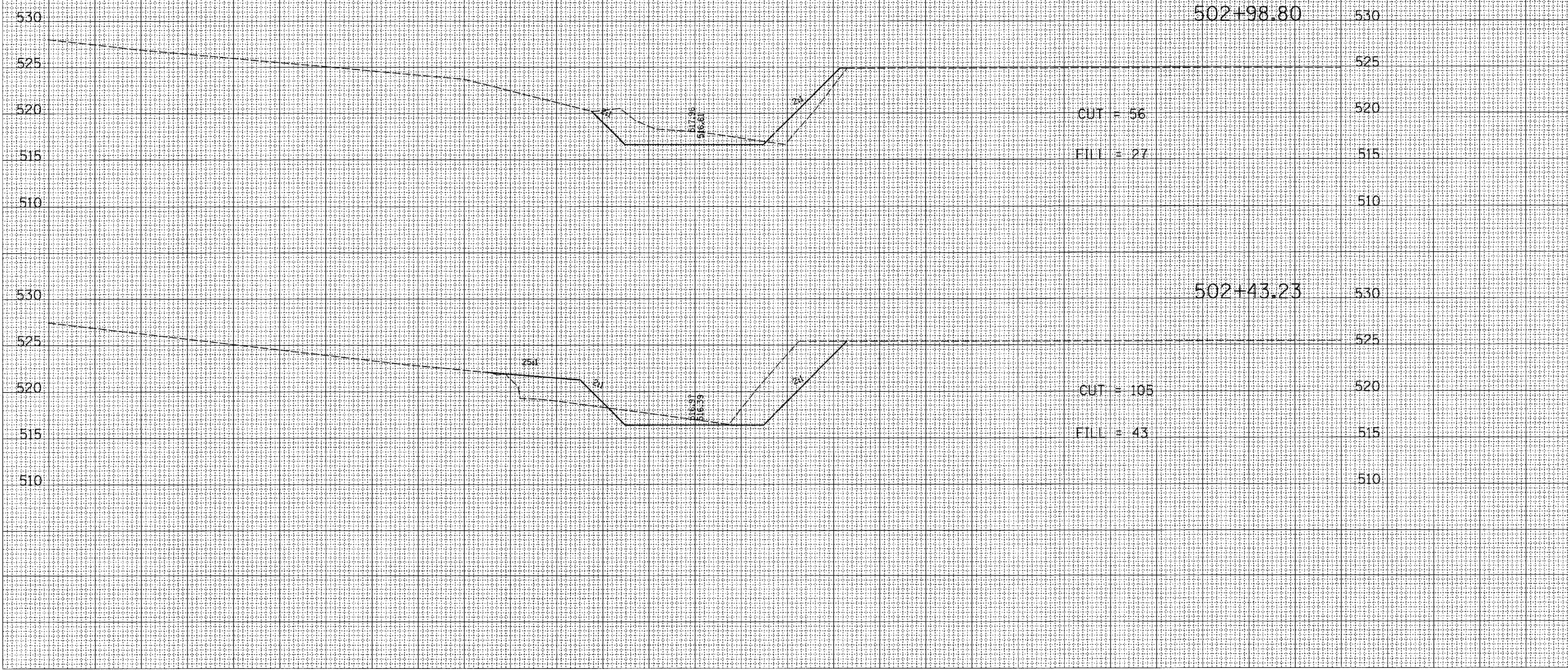
DATE \_\_\_\_\_  
BY \_\_\_\_\_  
FINAL SURVEY  
NOTE BOOK NO. \_\_\_\_\_  
PLOTTED BY \_\_\_\_\_  
REVISION DATE \_\_\_\_\_  
AREAS CHECKED \_\_\_\_\_

DATE \_\_\_\_\_  
BY \_\_\_\_\_  
ORIGINAL SURVEY  
NOTE BOOK NO. \_\_\_\_\_  
PLOTTED BY \_\_\_\_\_  
REVISION DATE \_\_\_\_\_  
AREAS CHECKED \_\_\_\_\_

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|-----------------------------------|--------------|--------------------------------------|---------------------|------------------|
| F.A.P. RTE.<br>774                | SECTION<br>• | COUNTY<br>EFFINGHAM                  | TOTAL SHEETS<br>273 | SHEET NO.<br>200 |
| STA.<br>FED. ROAD DIST. NO.       |              | TO STA.<br>ILLINOIS FED. AID PROJECT |                     |                  |
| 107WRS-1, 107BY, 107BY-1 & 107B-2 |              | <b>CONTRACT NO. 94627</b>            |                     |                  |

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APPROVED FOR CONSTRUCTION