

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 14 OF 14 SHEETS
774	*	EFFINGHAM	273	102	
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					
* 107WRS-1, 107BY, 107BY-1 & 107B-2					
CONTRACT NO. 94827					

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 (%)	RQ (%)	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, 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
Hrs. _____

DEPTH	LOG	Qu	W
7	P 7		
8	4.5+		
11			
6	P 9		
8	4.5+		
12			
8	P 10		
11	4.5+		
13			
6	S 11		
10	4.6		
15			
10			
12			
14			
17			
17			
15			
23			
41			
50/3"			
50/3"			
50/3"			
539.22			
-20			

See STRUCTURE CORING LOG for core information to termination depth of boring.
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 (%)	RQ (%)	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+30.00	1	
203+50.00		1
206+00.00	1	1
SUB-TOTAL	44	41
TOTAL	152	

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+60.00	75'	
1015+40.00-1016+00.00	60'	
1016+00.00-1017+40.00		150'
1016+00.00-1018+20.00	235'	
1019+75.00-1020+75.00	100'	
1019+75.00-1020+40.00		65'
1031+32.00		15'
1036+00.00		15'
1200th 200+90.00-202+80.00		213'
1200th 202+90.00-203+20.00		96'
1200th 203+25.00-203+70.00		94'
1200th 203+50.00	160'	
1200th 205+00.00-208+27.00	350'	380'
SUB-TOTAL	1025'	1783'
TOTAL	2808'	

EROSION CONTROL BLANKET			
STATION TO STATION	OFFSET	AREA (SQ YD)	
1026+03.00	1033+00.00	LT	1,484

(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

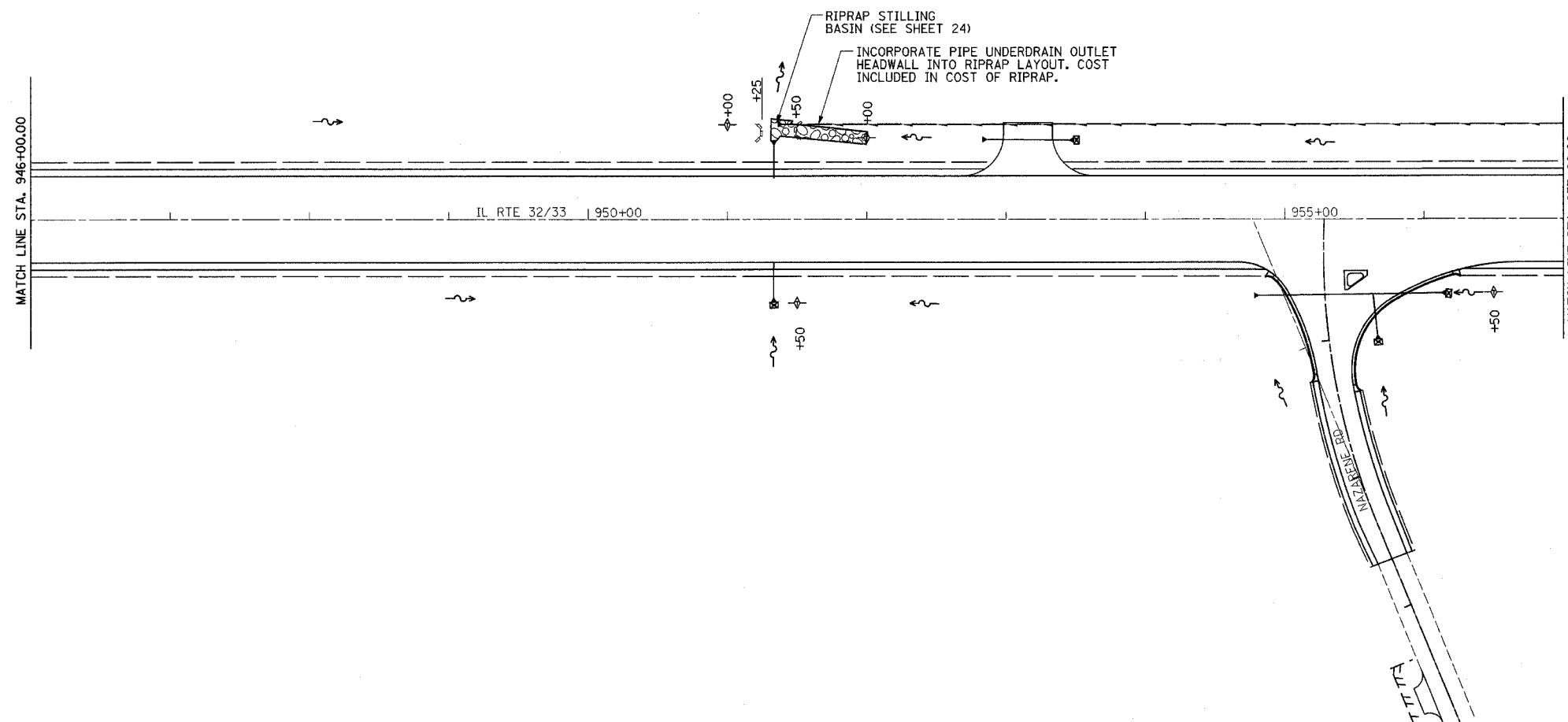
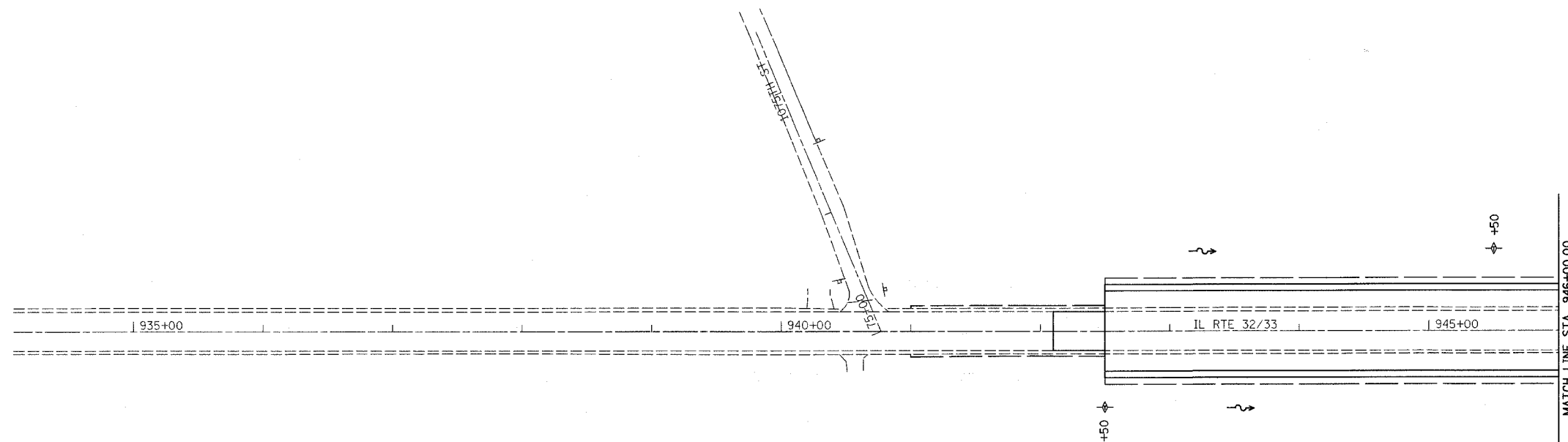
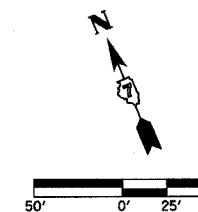
REVISIONS	
NAME	DATE

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.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	*	EFFINGHAM	273	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

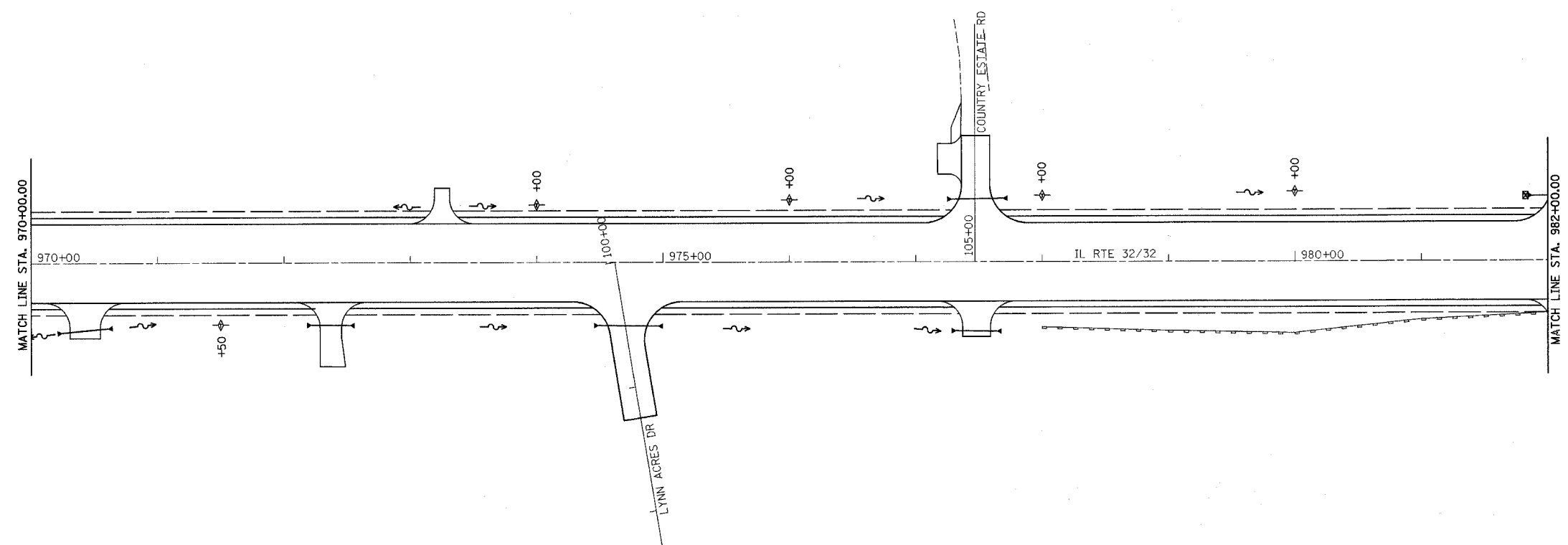
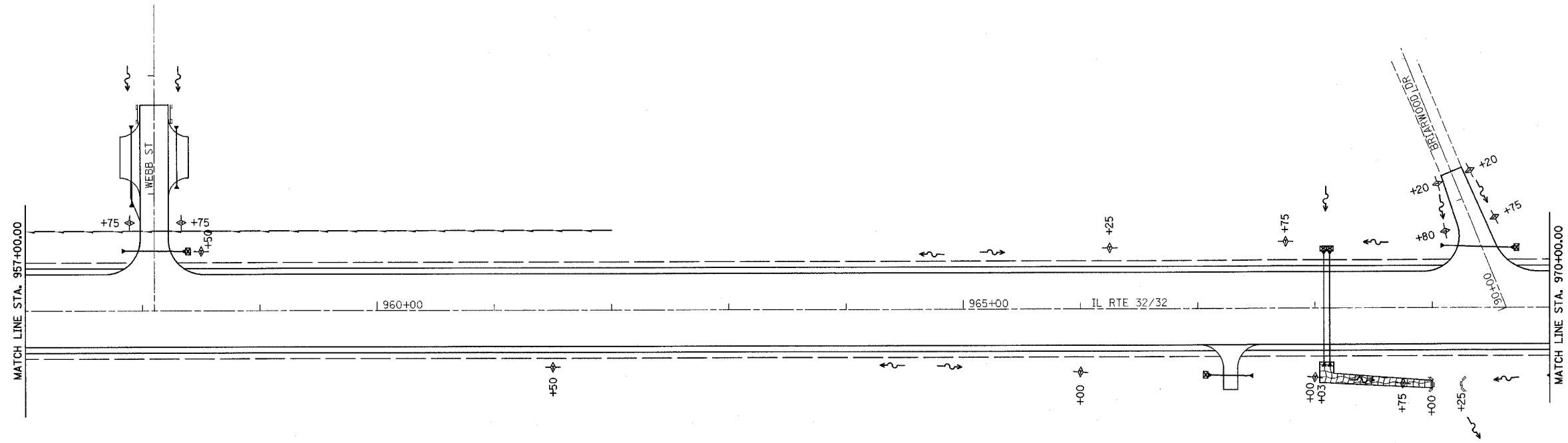
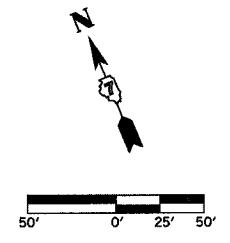
ILLINOIS DEPARTMENT OF TRANSPORTATION

**EROSION CONTROL PLAN
SHEET 2 OF 6**

DATE 8/02

DRAWN BY ASB
CHECKED BY SJK

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

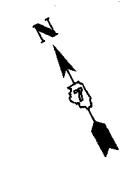
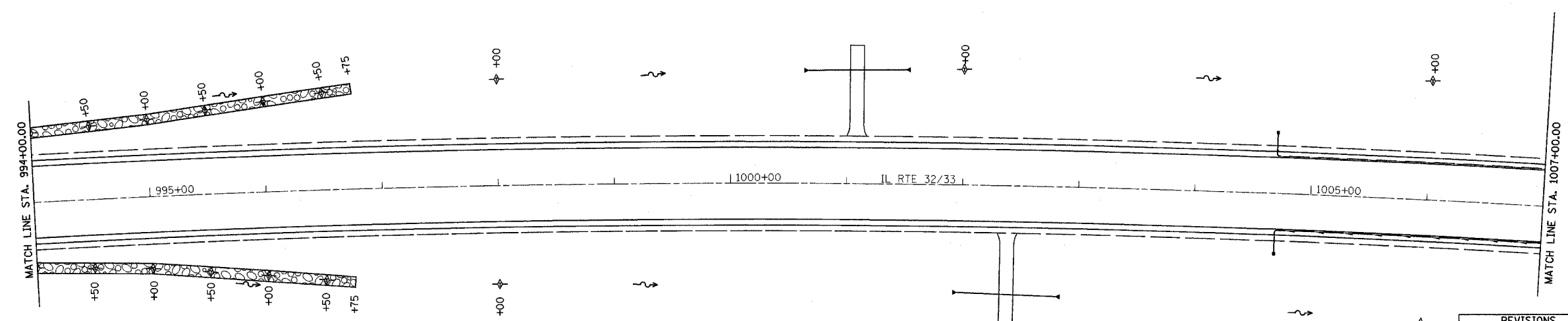
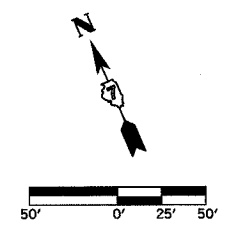
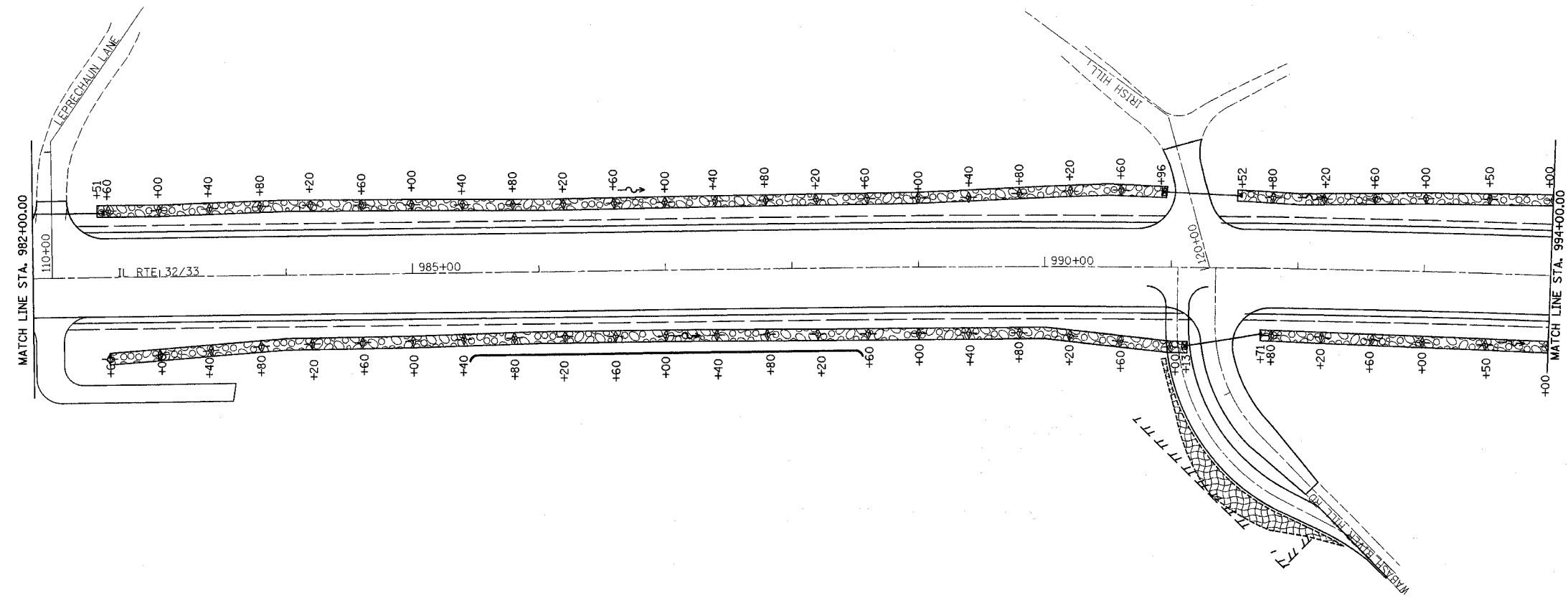
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EROSION CONTROL PLAN
SHEET 3 OF 6

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

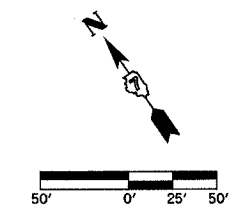
ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
SHEET 4 OF 6

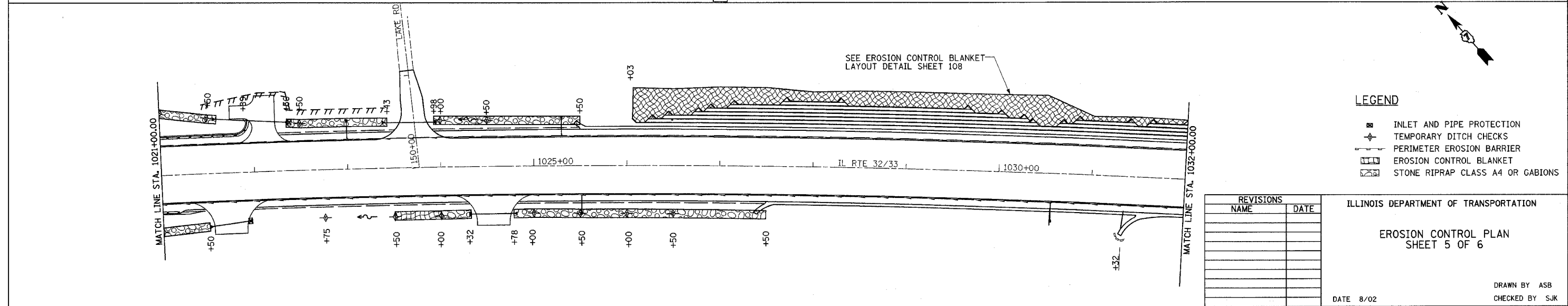
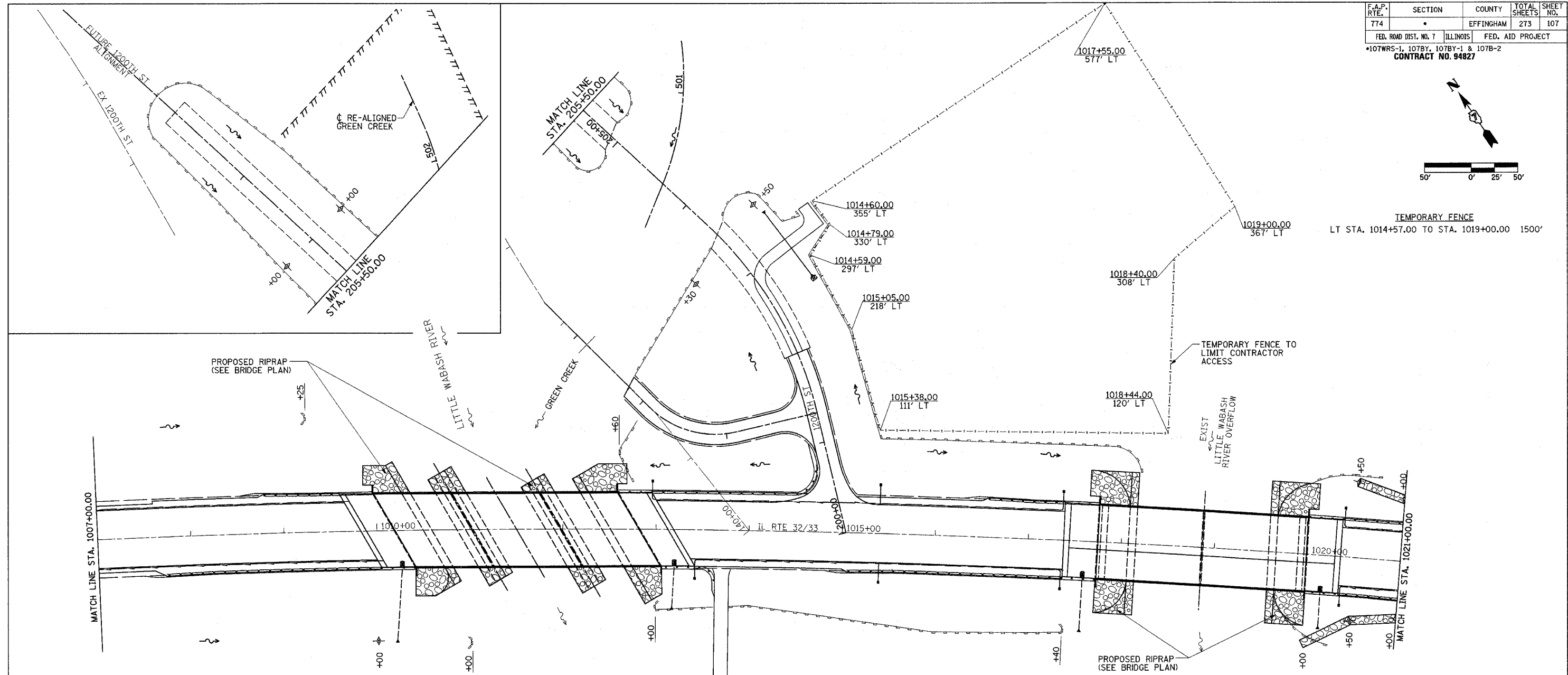
DATE 8/02

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CHECKED BY SJK

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



TEMPORARY FENCE
LT STA. 1014+57.00 TO STA. 1019+00.00 1500'



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

REVISIONS	
NAME	DATE

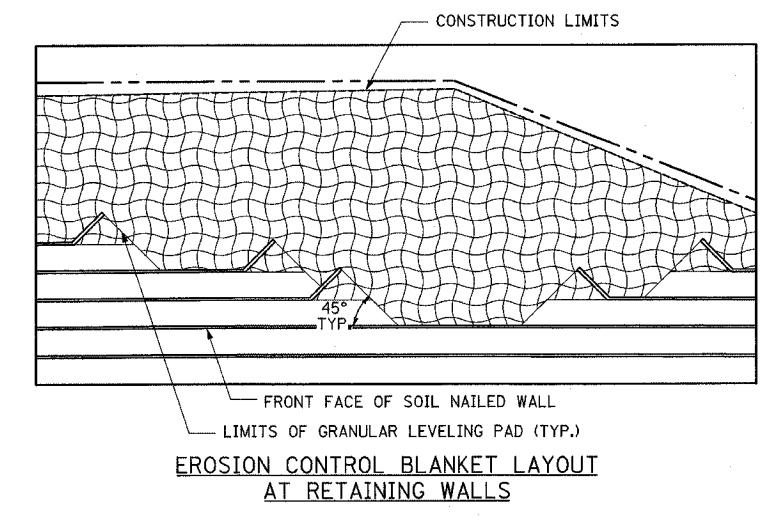
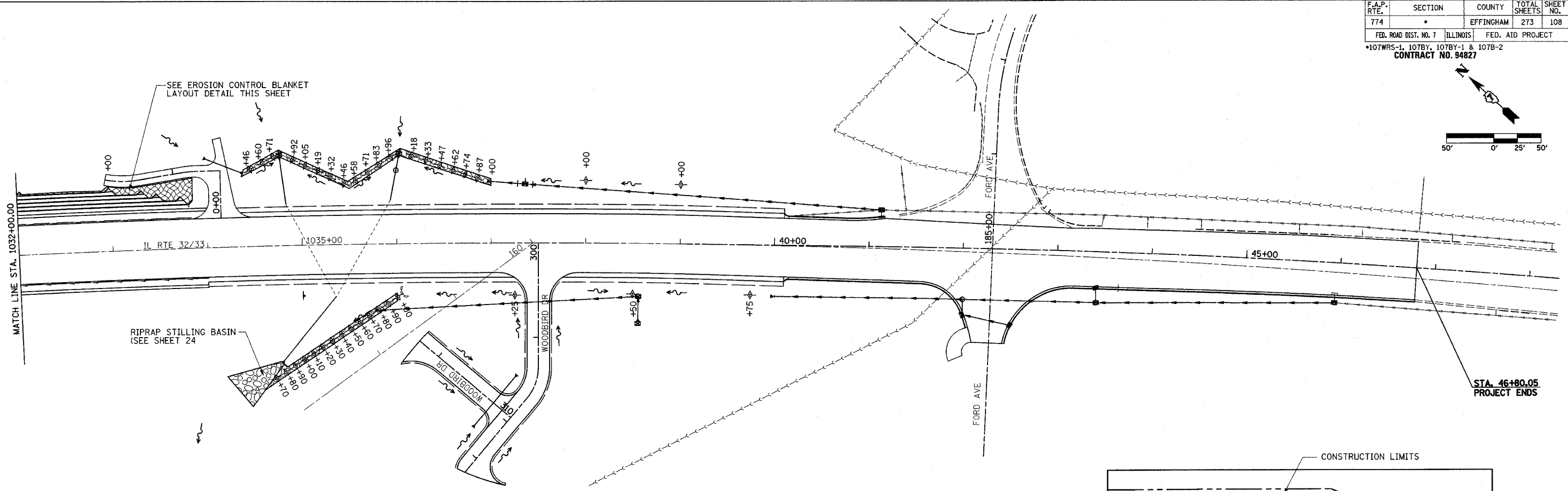
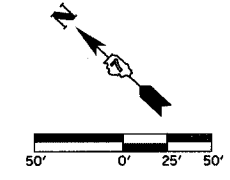
ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
SHEET 5 OF 6

DATE 8/02

DRAWN BY ASB
CHECKED BY SJK

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				



EROSION CONTROL BLANKET LAYOUT AT RETAINING WALLS

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

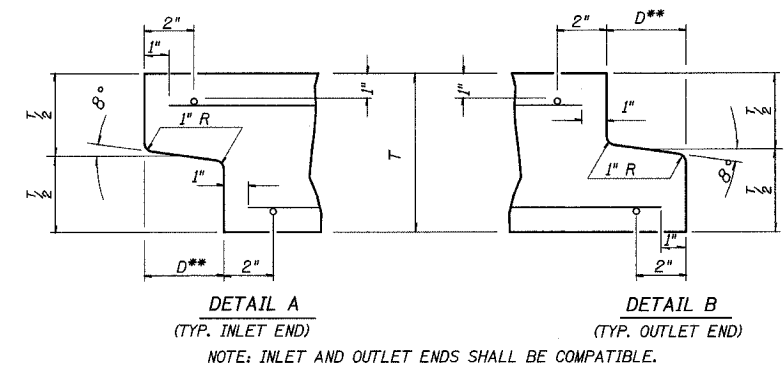
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 10 11 12 13 14 15 16 17 18
 19 20 21 22 23 24 25 26 27
 28 29 30 31 32 33 34 35 36
 37 38 39 40 41 42 43 44 45
 46 47 48 49 50 51 52 53 54
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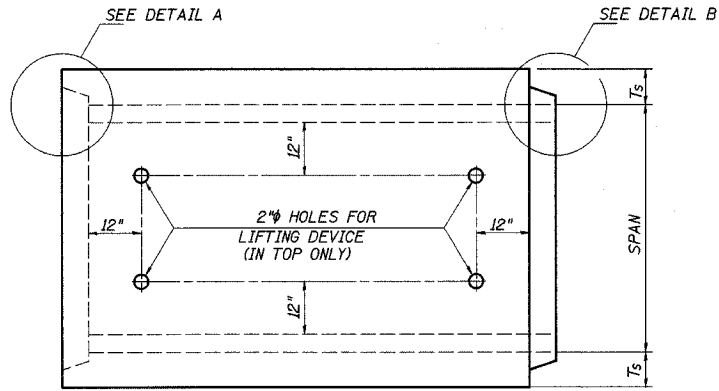
DGN-SPEC
 DATE

DETAIL OF PRECAST CONCRETE BOX CULVERT M273

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



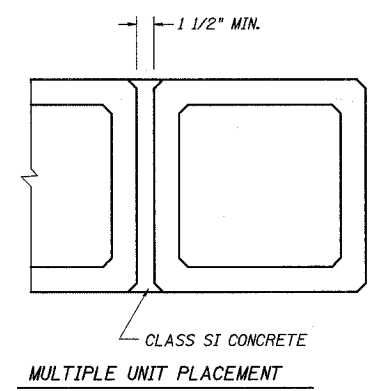
** THE D DIMENSION SHALL CONFORM TO THE MANUFACTURER'S STANDARDS.



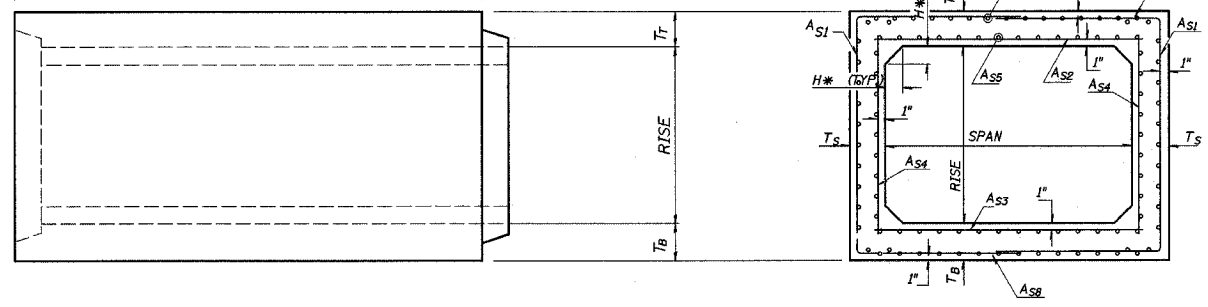
PLAN
 LOCATION OF LIFTING HOLES MAY BE VARIED AS NEEDED TO CLEAR REINFORCEMENT.

SECTION LENGTH

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



CLASS SI CONCRETE
 MULTIPLE UNIT PLACEMENT



ELEVATION

CROSS SECTION
 * THE HAUNCH DIMENSION, H, IS EQUAL TO THE WALL THICKNESS, T_S.

GENERAL NOTES

- SHOP PLANS FOR THE REINFORCEMENT SHALL BE SUBMITTED IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 504.04(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_{S2}, 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 42070J) WILL BE CONSTRUCTED OVER THE CULVERT. THE PATCH SHALL BE FULL PAVEMENT WIDTH, AND THE LENGTH SHALL EXTEND 24" BEYOND EACH SIDE OF THE CULVERT.

CULVERT SIZE (FEET)	DIMENSIONS (INCHES)		
	T _T	T _B	T _S
SPAN x RISE (FOOT)			
3x2	7	6	4
3x3	7	6	4
4x2	7 1/2	6	5
4x3	7 1/2	6	5
4x4	7 1/2	6	5
5x3	8	7	6
5x4	8	7	6
5x5	8	7	6
6x3	8	7	7
6x4	8	7	7
6x5	8	7	7
6x6	8	7	7
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

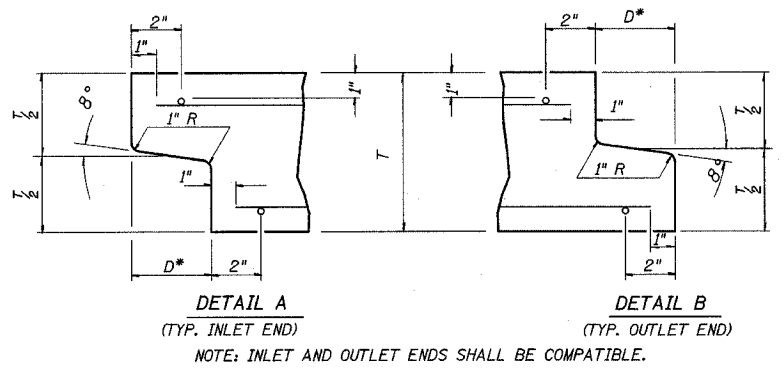
DRAWN BY DIST. 7
 CHECKED BY BWC

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
 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
EC789

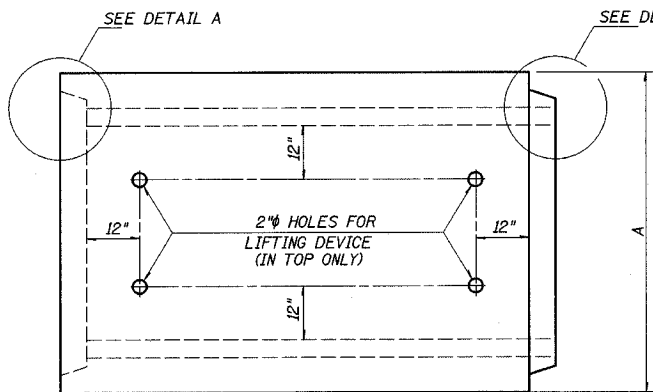
DETAIL OF PRECAST CONCRETE BOX CULVERT M259

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

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



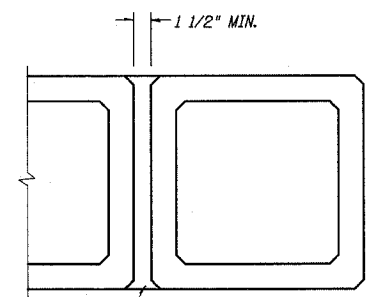
* THE D DIMENSION SHALL CONFORM TO THE MANUFACTURER'S STANDARDS.



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.



MULTIPLE UNIT PLACEMENT

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.

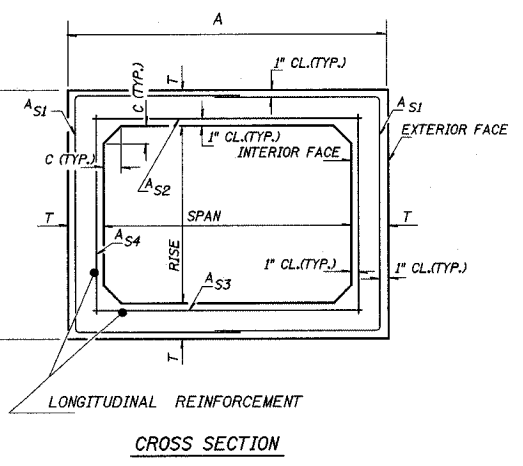
THE JOINTS OF THE PRECAST BOX SECTIONS SHALL BE SEALED IN ACCORDANCE WITH ARTICLE 542.04(d) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

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)
SPANxRISE (FOOT)				
2x2	4	2-8	2-8	4
3x2	4	3-8	2-8	4
3x3	4	3-8	3-8	4
4x2	5	4-10	2-10	5
4x3	5	4-10	3-10	5
4x4	5	4-10	4-10	5
5x2	6	6-0	3-0	6
5x3	6	6-0	4-0	6
5x4	6	6-0	5-0	6
5x5	6	6-0	6-0	6
6x2	7	7-2	3-2	7
6x3	7	7-2	4-2	7
6x4	7	7-2	5-2	7
6x5	7	7-2	6-2	7
6x6	7	7-2	7-2	7
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



CROSS SECTION

ELEVATION

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

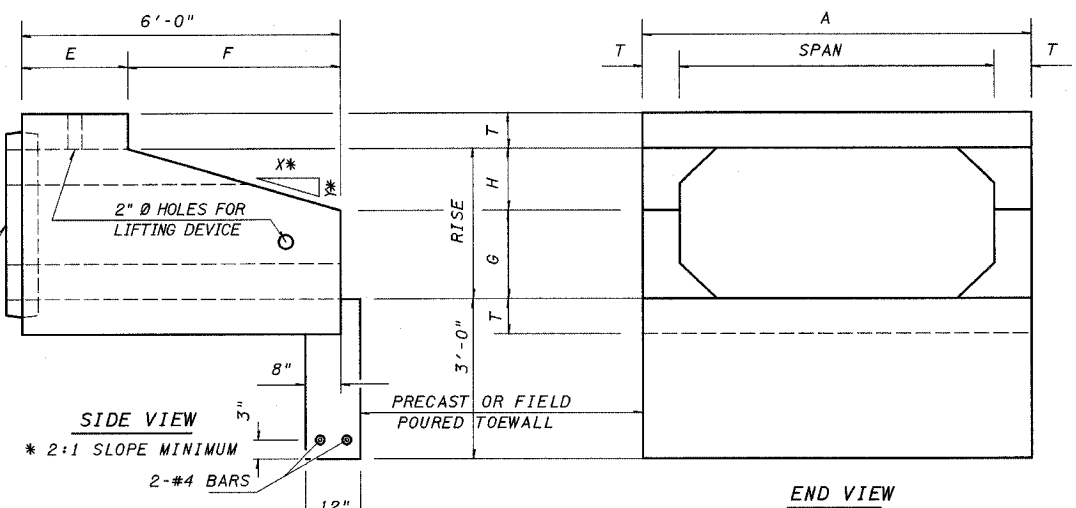
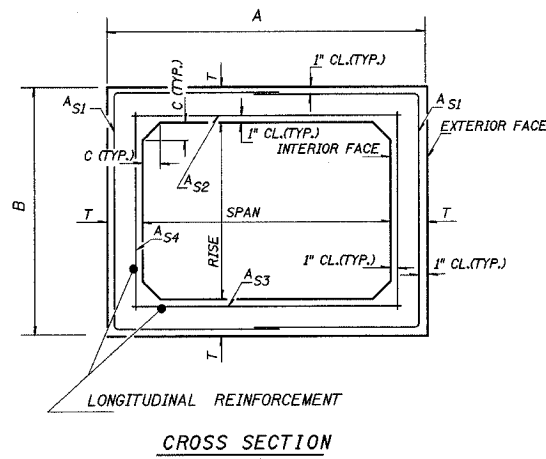
1 2 3 4 5 6 7 8 9 \$\$\$DATE\$\$\$
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 19 20 21 22 23 24 25 26 27 *MMO REV: 05-28-99
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 46 47 48 49 50 51 52 53 54
 55 56 57 58 59 60 61 62 63

DGN-SPEC
 DATE

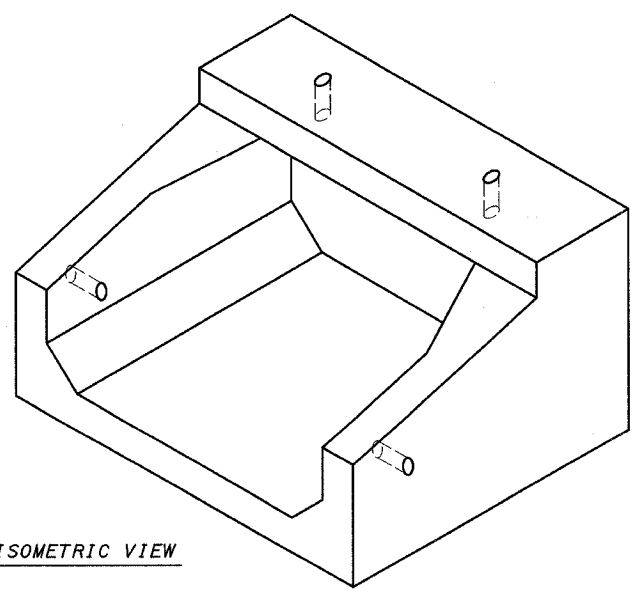
DETAIL OF PRECAST CONCRETE BOX CULVERT END SECTION

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.



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



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

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

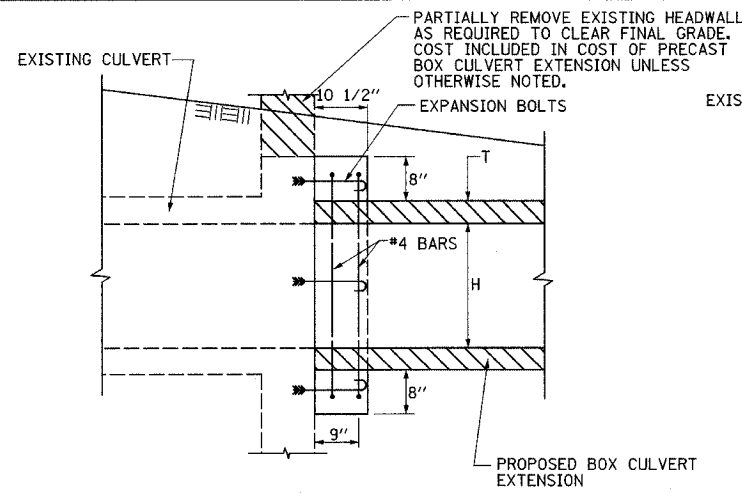
GENERAL NOTES

SHOP PLANS FOR THE REINFORCEMENT SHALL BE SUBMITTED IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 504.04(d) OF THE STANDARD SPECIFICATIONS.
 MINIMUM CONCRETE STRENGTH SHALL BE 5000 PSI AFTER 28 DAYS.
 THE JOINTS OF THE PRECAST BOX SECTIONS SHALL BE SEALED WITH ACCORDANCE WITH ARTICLE 542.04(d) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

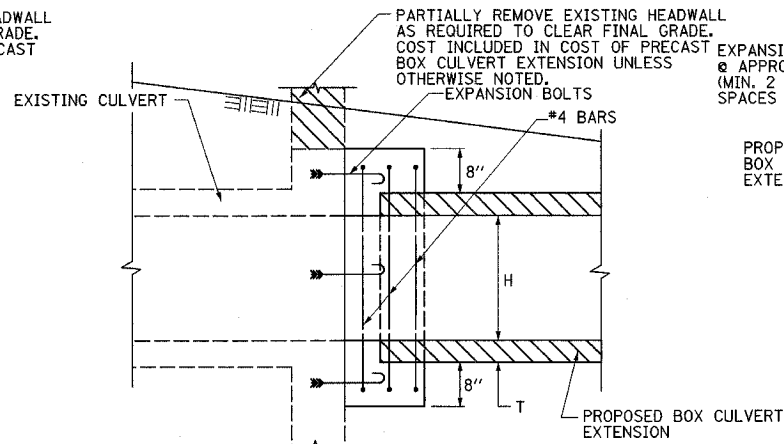
THE TERMS A_{s1} , A_{s2} , A_{s3} , AND A_{s4} DENOTE THE REQUIRED STEEL AREAS FOR REINFORCEMENT AS SPECIFIED IN AASHTO M259. REINFORCEMENT SHALL BE WELDED WIRE FABRIC CONFORMING TO AASHTO SPECIFICATIONS M55.
 LIFTING HOLES SHALL BE FILLED WITH CONCRETE PLUGS AND MASTIC AFTER THE END SECTIONS ARE IN PLACE.

REVISIONS	
NAME	DATE

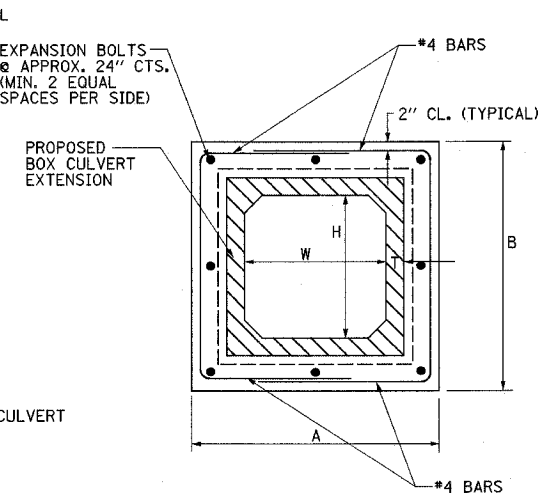
ILLINOIS DEPARTMENT OF TRANSPORTATION
 PRECAST CONCRETE BOX CULVERT DETAILS
 SHEET 3 OF 3
 DATE REVISED: 05/28/99
 DRAWN BY DIST. 7
 CHECKED BY BWC



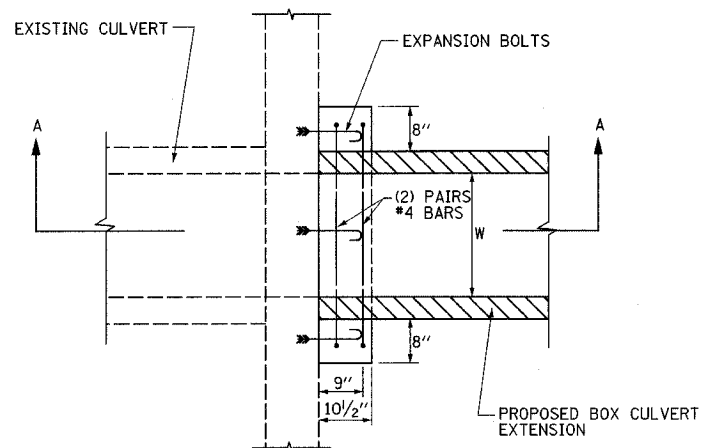
SECTION A-A



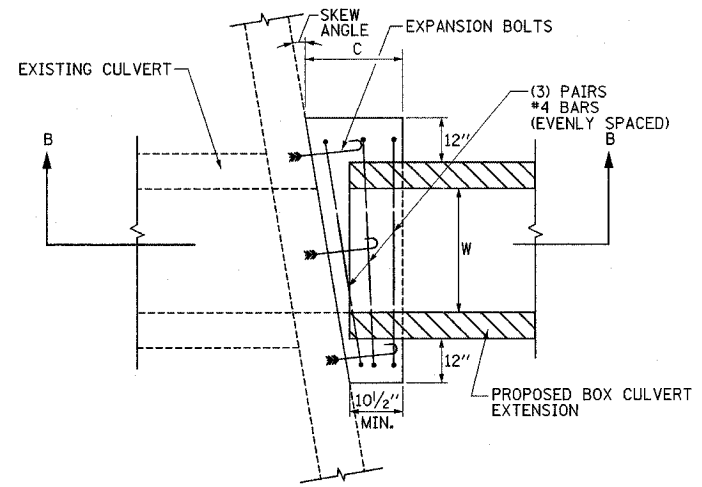
SECTION B-B



END VIEW

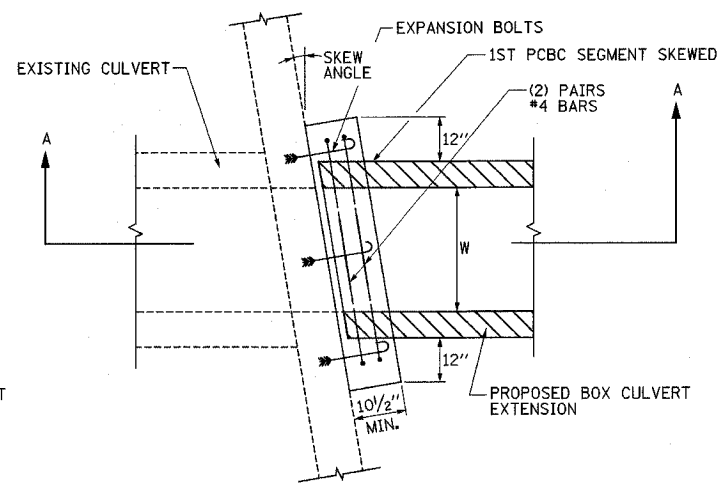


PLAN VIEW
(RIGHT ANGLE CULVERT)



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°



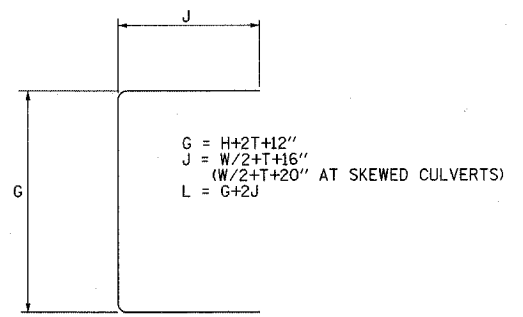
PLAN VIEW

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	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

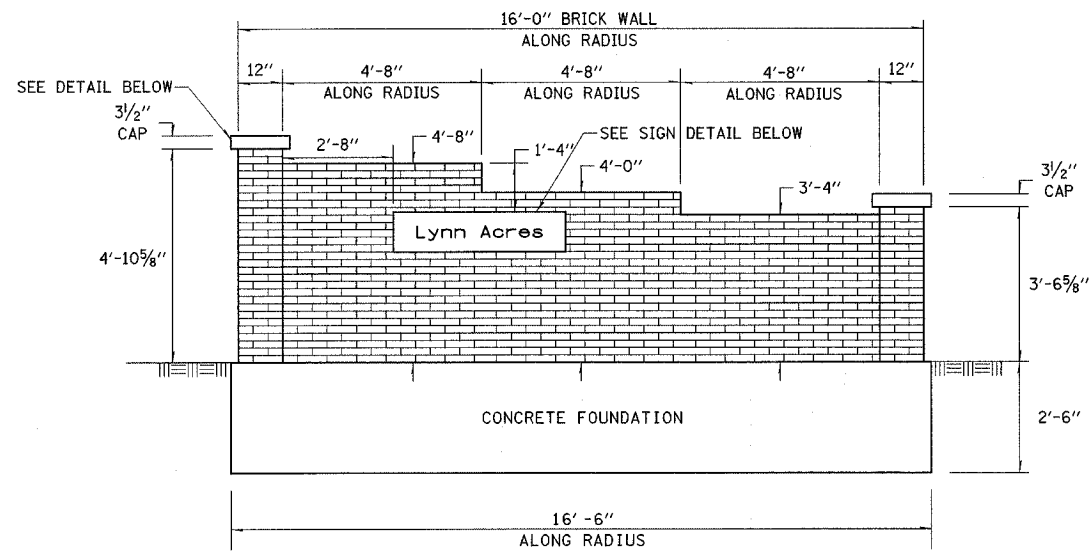
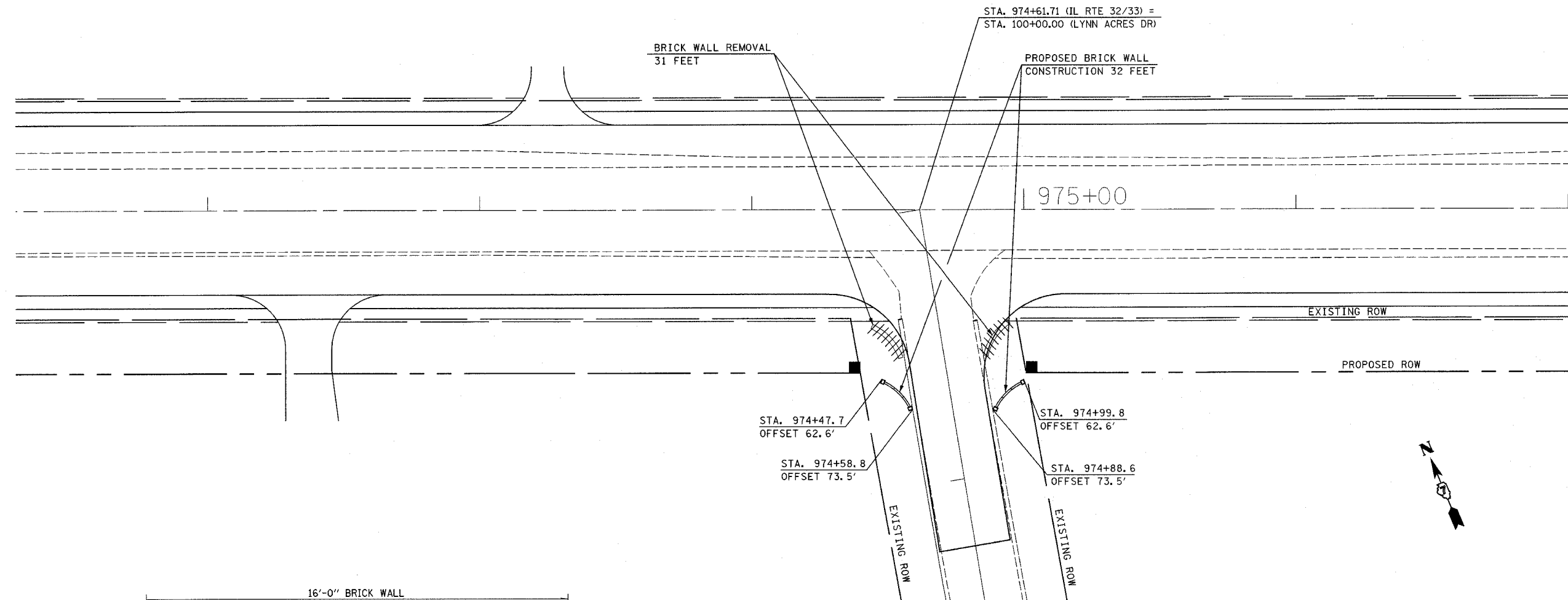
CULVERT EXTENSION COLLAR DETAILS

DATE 8/02

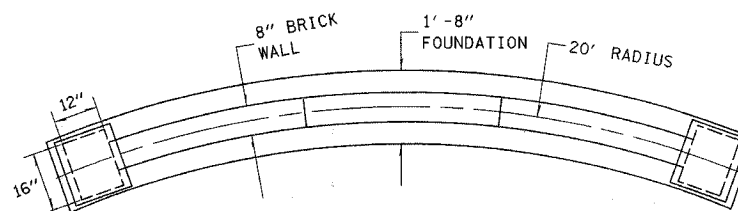
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CHECKED BY SJK

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				



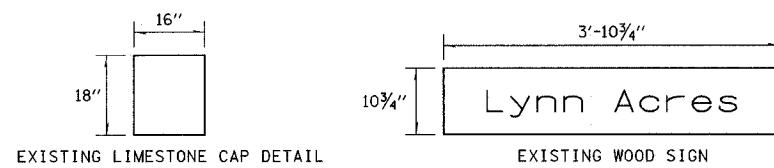
WALL ELEVATION



WALL PLAN

NOTES:

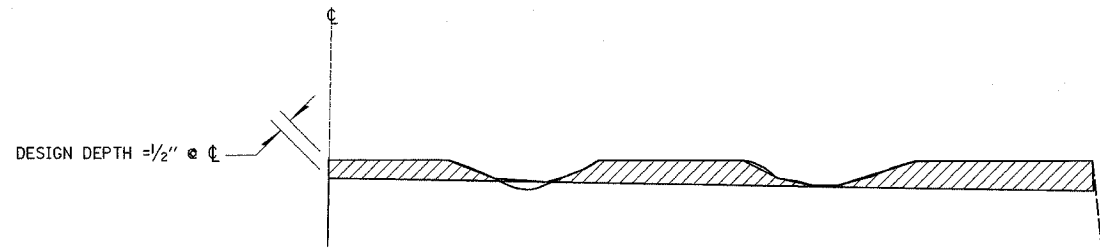
1. PRIOR TO REMOVAL OF EXISTING BRICK WALLS, REMOVE "LYNN ACRES" SIGN AND LIMESTONE COLUMN CAPS AS SHOWN ON THE PLANS AND SAVE FOR REUSE.
2. REMOVE EXISTING BRICK WALLS AND CONCRETE FOUNDATION.
3. CONSTRUCT THE PROPOSED UNREINFORCED CONCRETE FOUNDATIONS FLUSH WITH THE GROUND AT PROPOSED LOCATIONS AS 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		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		BRICK WALL DETAIL
		DRAWN BY DIST. 7
		CHECKED BY DIST. 7
		DATE

DRAWN BY DIST. 7

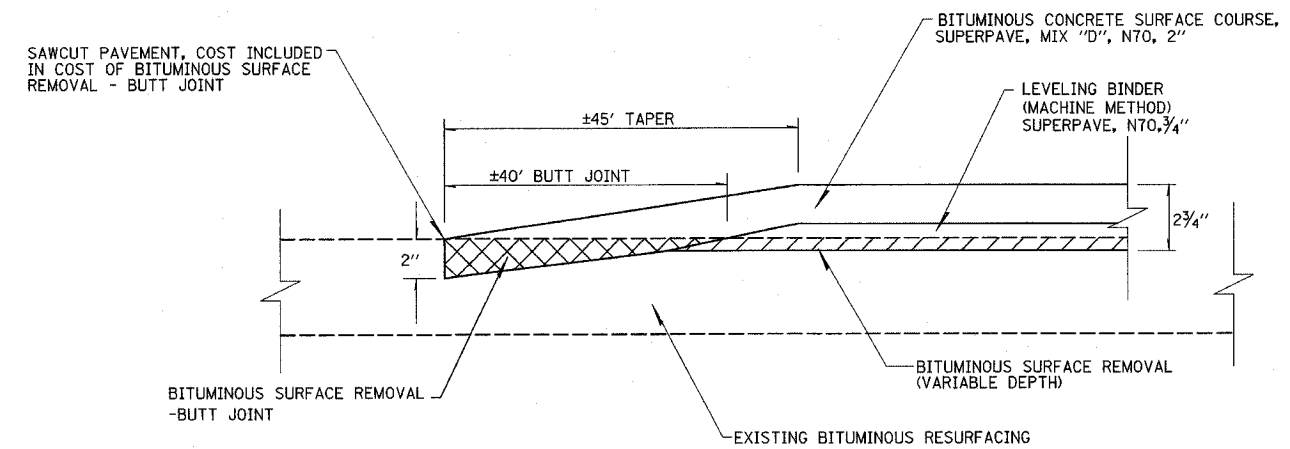
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	*	EFFINGHAM	273	114
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
* 107WRS-1, 107BY, 107BY-1 & 107B-2				
CONTRACT NO. 94827				



NOTES:

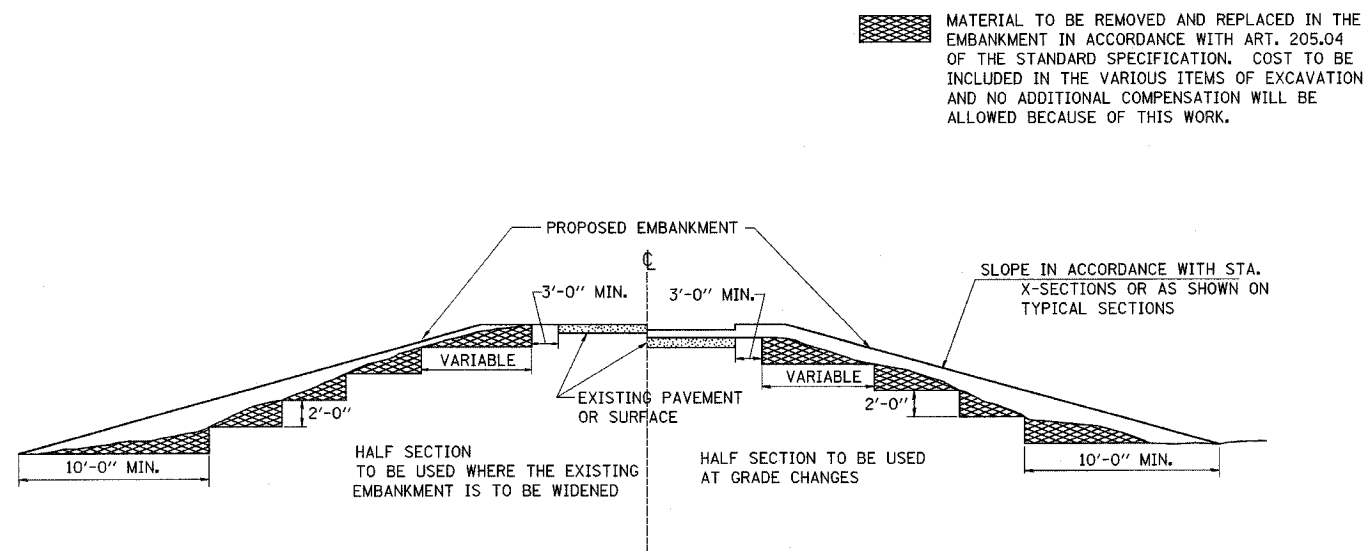
1. MILLING SHALL BE DONE TO ATTAIN REQUIRED SLOPE IN CROWN SECTIONS
2. EXISTING S.E. AND S.E. TRANSITIONS SHALL BE MAINTAINED UNLESS OTHERWISE SHOWN ON THE PLANS.
3. MILLING TO THE BOTTOM OF WHEEL RUTS SHALL NOT BE NECESSARY UNLESS REQUIRED TO OBTAIN SLOPE OR THE DESIGN DEPTH AT CENTERLINE.
4. THE AVERAGE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

BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH) DETAIL

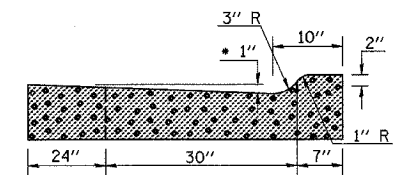
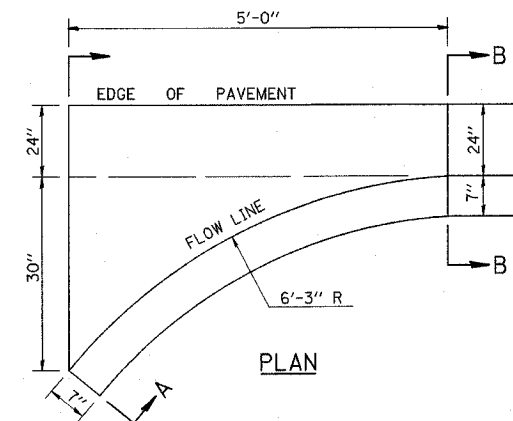


- BITUMINOUS SURFACE REMOVAL - BUTT JOINT
- BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)

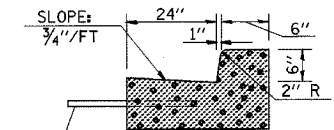
BITUMINOUS SURFACE REMOVAL-BUTT JOINT DETAIL



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

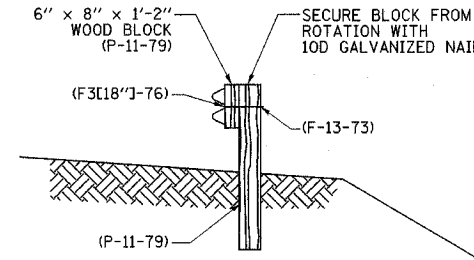
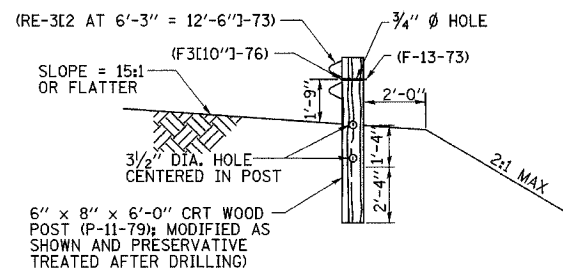
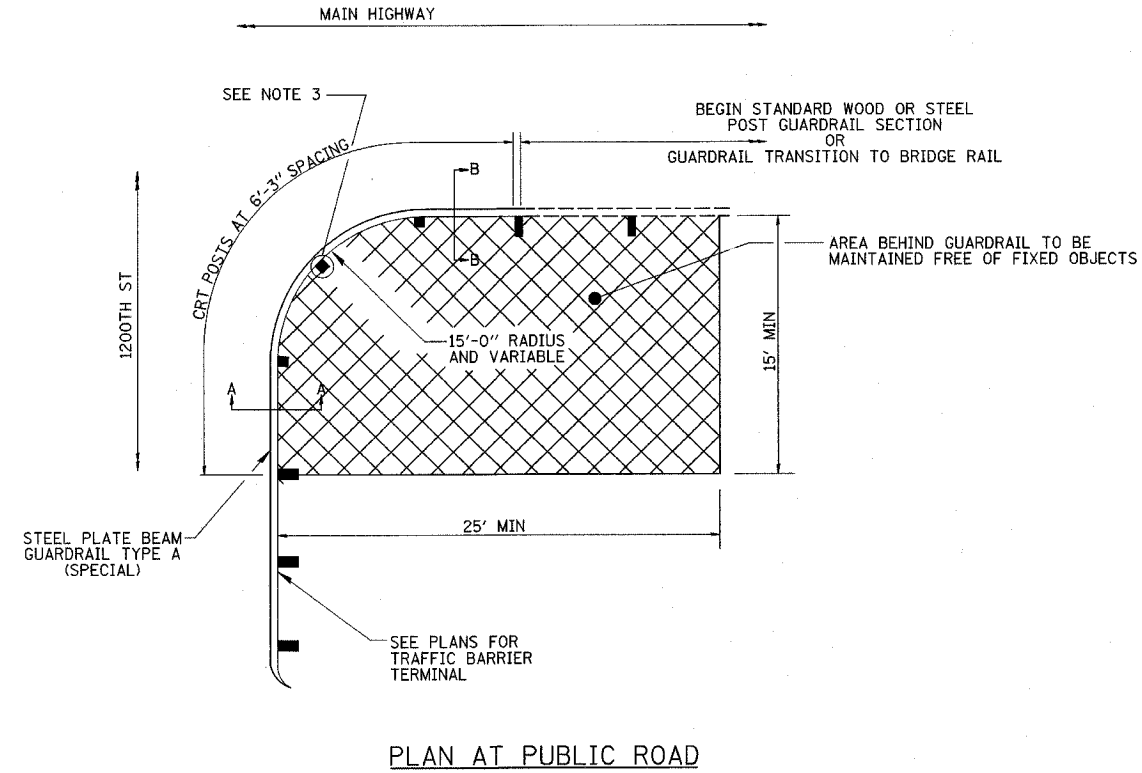
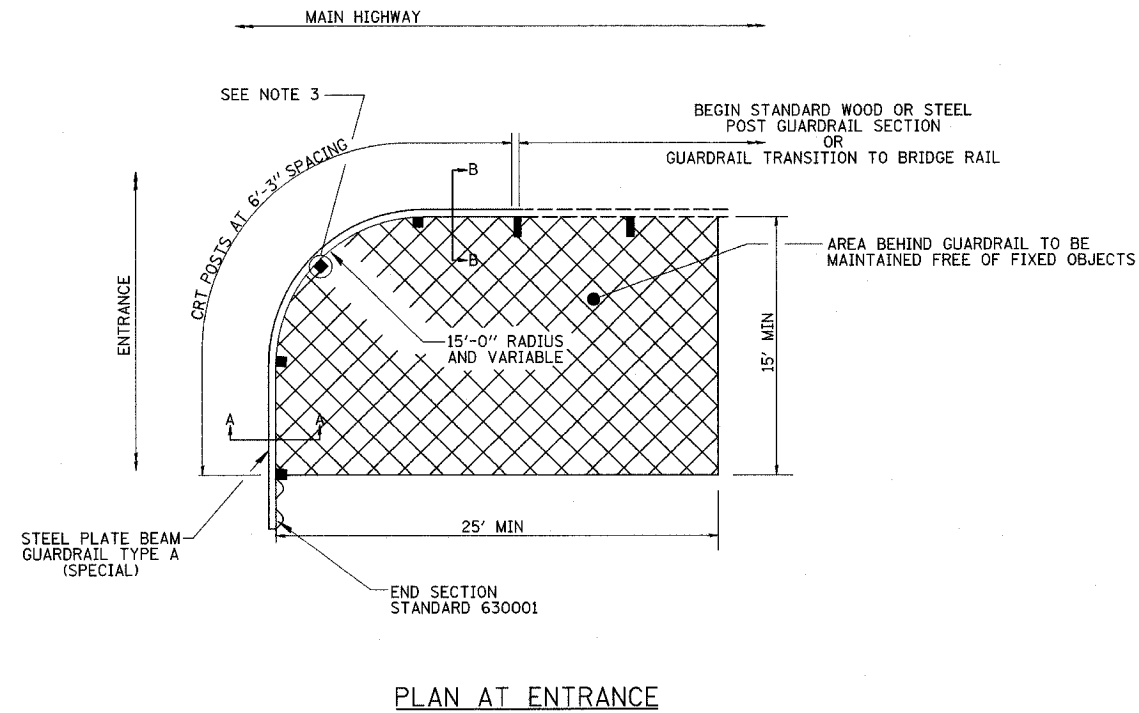
MISCELLANEOUS ROADWAY DETAILS SHEET 1 OF 2

DATE 8/02

DRAWN BY DIST. 7
CHECKED BY BWC

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



NOTES:

- DESIGNATIONS PROVIDED IN PARENTHESIS REFERENCE STANDARD ELEMENTS DETAILED IN "A GUIDE TO STANDARDIZED HIGHWAY BARRIER ROLL HARDWARE," 1979, AASHTO-AGC-ARTBA JOINT COOPERATIVE COMMITTEE.
- NO WASHERS ARE USED ON THE 16 BUTT HEAD BOLTS (F-31AS REQUIRED)-76) CONNECTING THE RAIL TO THE CONTROLLED RELEASING TERMINAL (CRT) POSTS.
- THE RAIL IS NOT BOLTED TO THE CRT POST AT THE CENTER OF THE NOSE AS SHOWN.
- THE CURVED GUARDRAIL SECTION SHALL BE SHOP BENT.
- 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

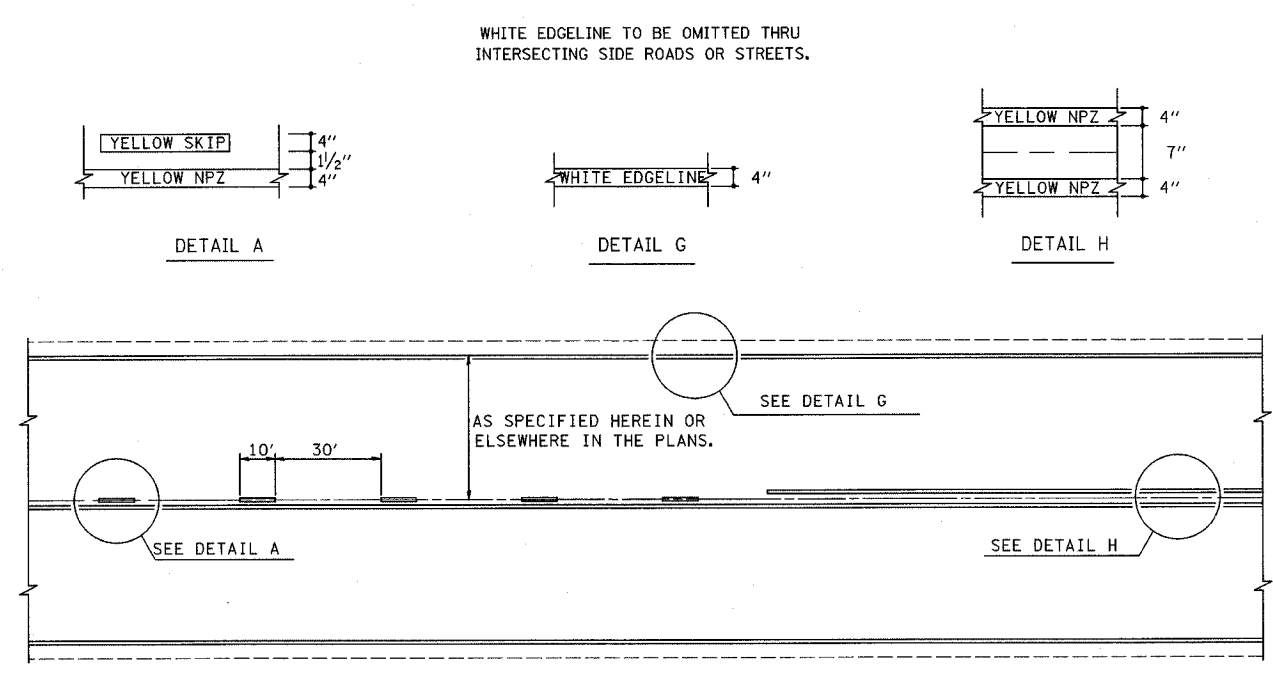
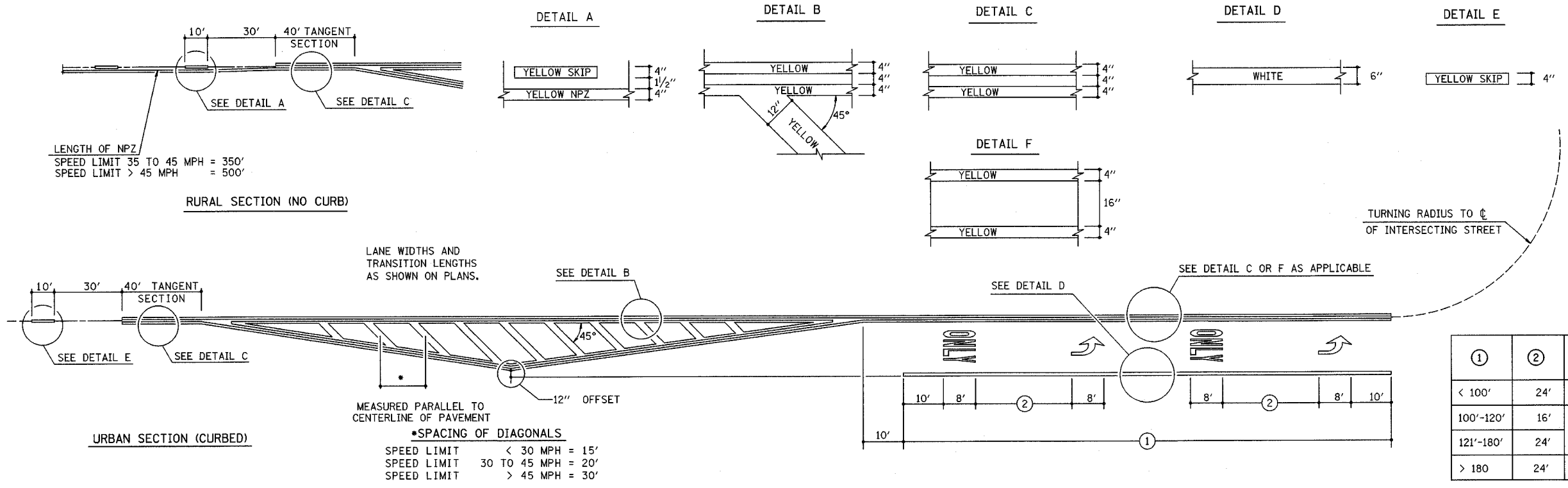
MISCELLANEOUS
ROADWAY DETAILS
SHEET 2 OF 2

DATE 8/02

DRAWN BY DIST. 7
CHECKED BY BWC

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

•DGN-SPEC*
 •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

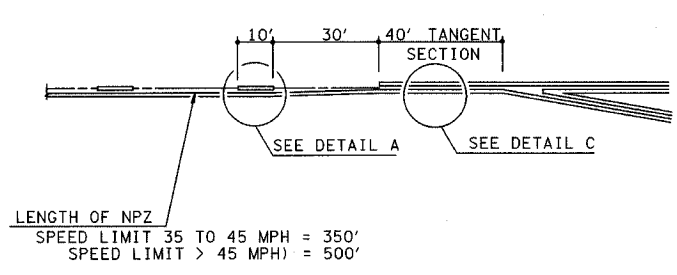
TYPICAL APPLICATION OF PAVEMENT MARKINGS - CHANNELIZATION AND 2 LANE PAVEMENTS

SCALE: VERT. _____
 HORIZ. _____

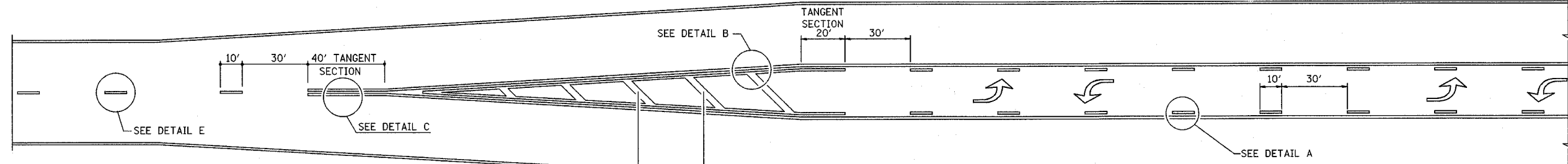
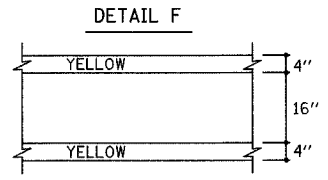
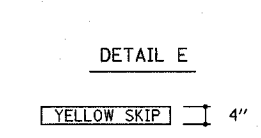
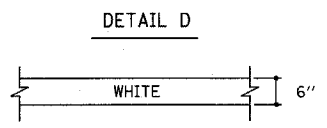
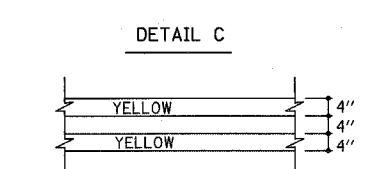
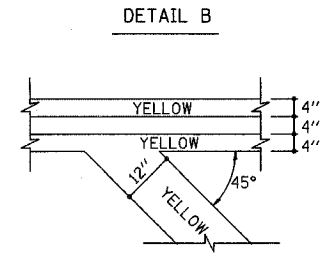
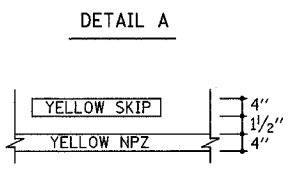
DATE ISSUED: 05-06-96 DRAWN BY: DIST 7
 CHECKED BY: BWC

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

DCN-SPEC
 DATE



RURAL SECTION (NO CURB)
 TRANSITION APPROACH

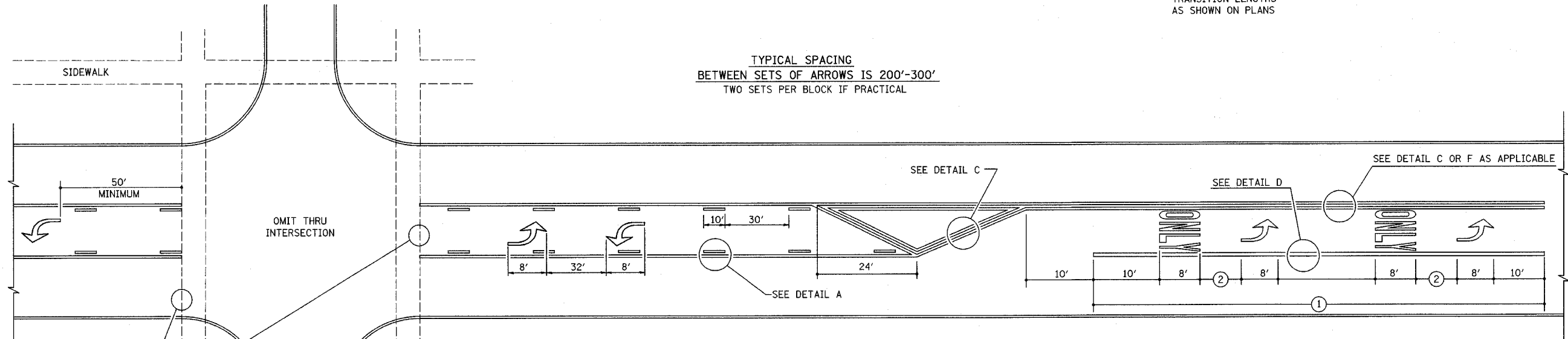


URBAN SECTION (CURBED)
 TRANSITION APPROACH

* SPACING OF DIAGONALS
 SPEED LIMIT < 30 MPH = 15'
 SPEED LIMIT 30 TO 45 MPH = 20'
 SPEED LIMIT > 45 MPH = 30'
 NO DIAGONALS SHORTER THAN 24"

LANE WIDTHS AND
 TRANSITION LENGTHS
 AS SHOWN ON PLANS

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



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

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

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

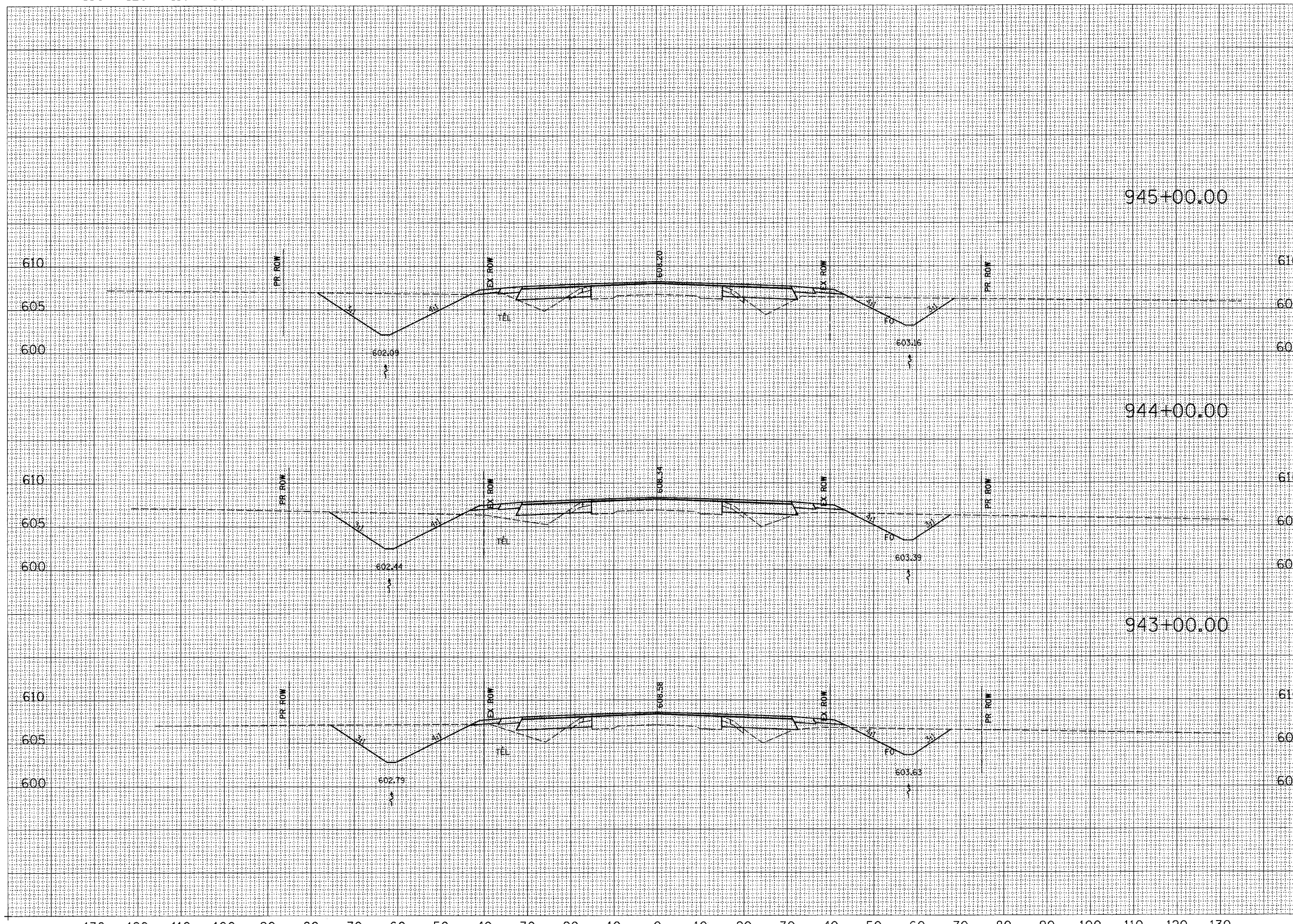
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	*	EFFINGHAM	273	120
STA. 943+00.00 TO STA. 945+00.00		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		
*107WRS-1, 107BY, 107BY-1 & 107B-2				

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

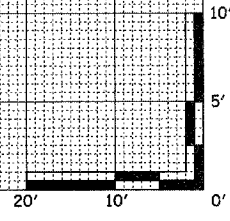
FINAL SURVEY	DATE
SURVEYED	
BY	
NO. _____	
NOTE BOOK	
AREAS CHECKED	

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



945+00.00	610	CUT=94	CUT=44
	605	FILL=10	FILL=17
	600		
944+00.00	610	CUT=72	CUT=41
	605	FILL=19	FILL=14
	600		
943+00.00	610	CUT=80	CUT=41
	605	FILL=14	FILL=16
	600		

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

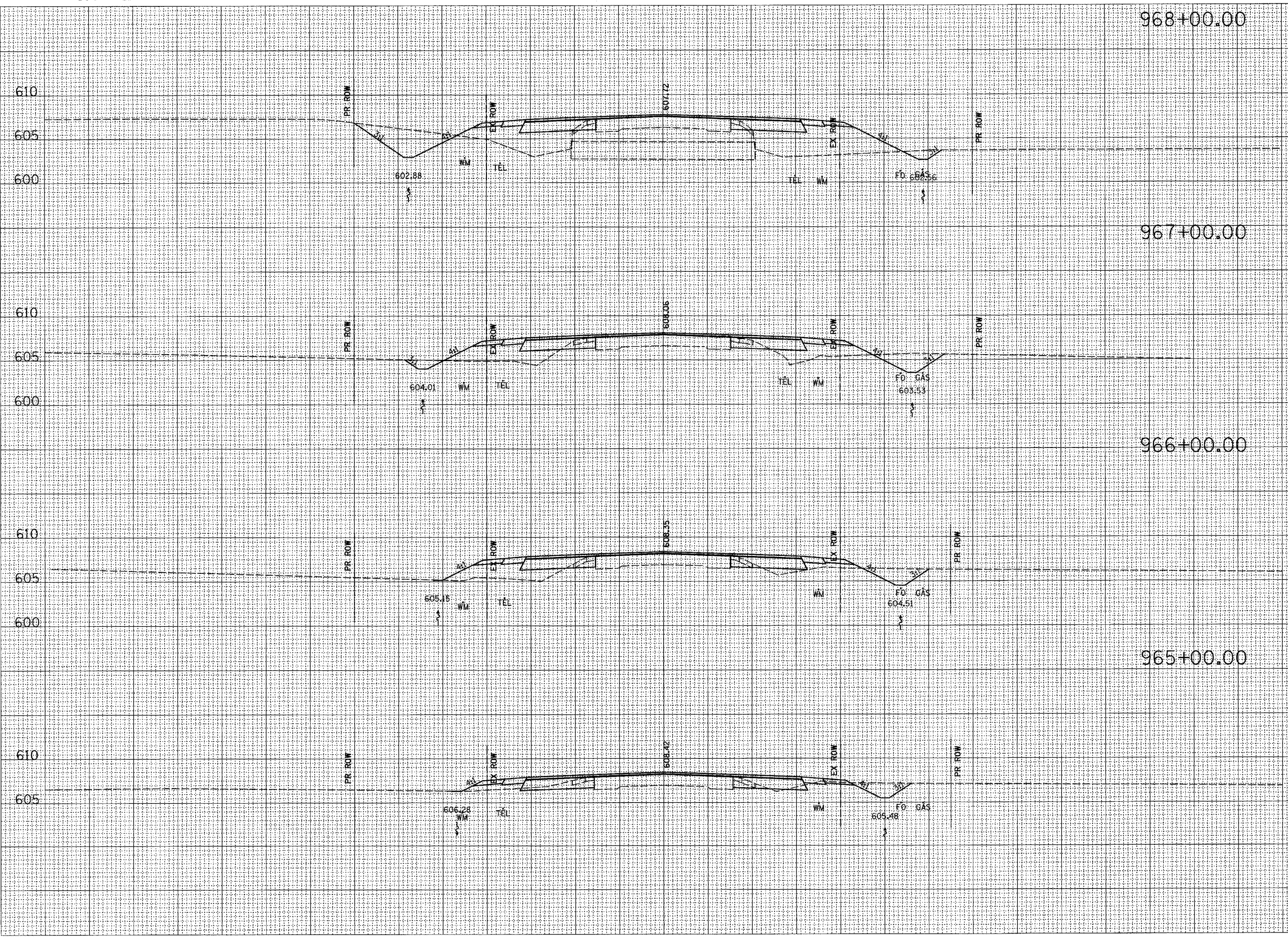


130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

F.A.P. RTE. 774	SECTION *	COUNTY EFFINGHAM	TOTAL SHEETS 273	SHEET NO. 127
STA. 965+00.00 TO STA. 968+00.00				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
*107WRS-1, 107BY, 107BY-1 & 107B-2				

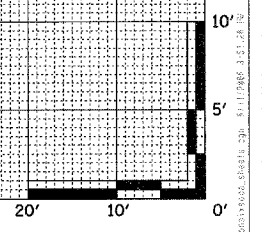
DATE	
BY	
FINAL SURVEY	
REVISION	
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	
NO.	

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



STATION	CUT	FILL	STAGE II (LT)	STAGE I (RT)
968+00.00	CUT=44	FILL=51	CUT=9	FILL=84
967+00.00	CUT=12	FILL=36	CUT=27	FILL=28
966+00.00	CUT=5	FILL=35	CUT=21	FILL=10
965+00.00	CUT=11	FILL=7	CUT=22	FILL=1

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

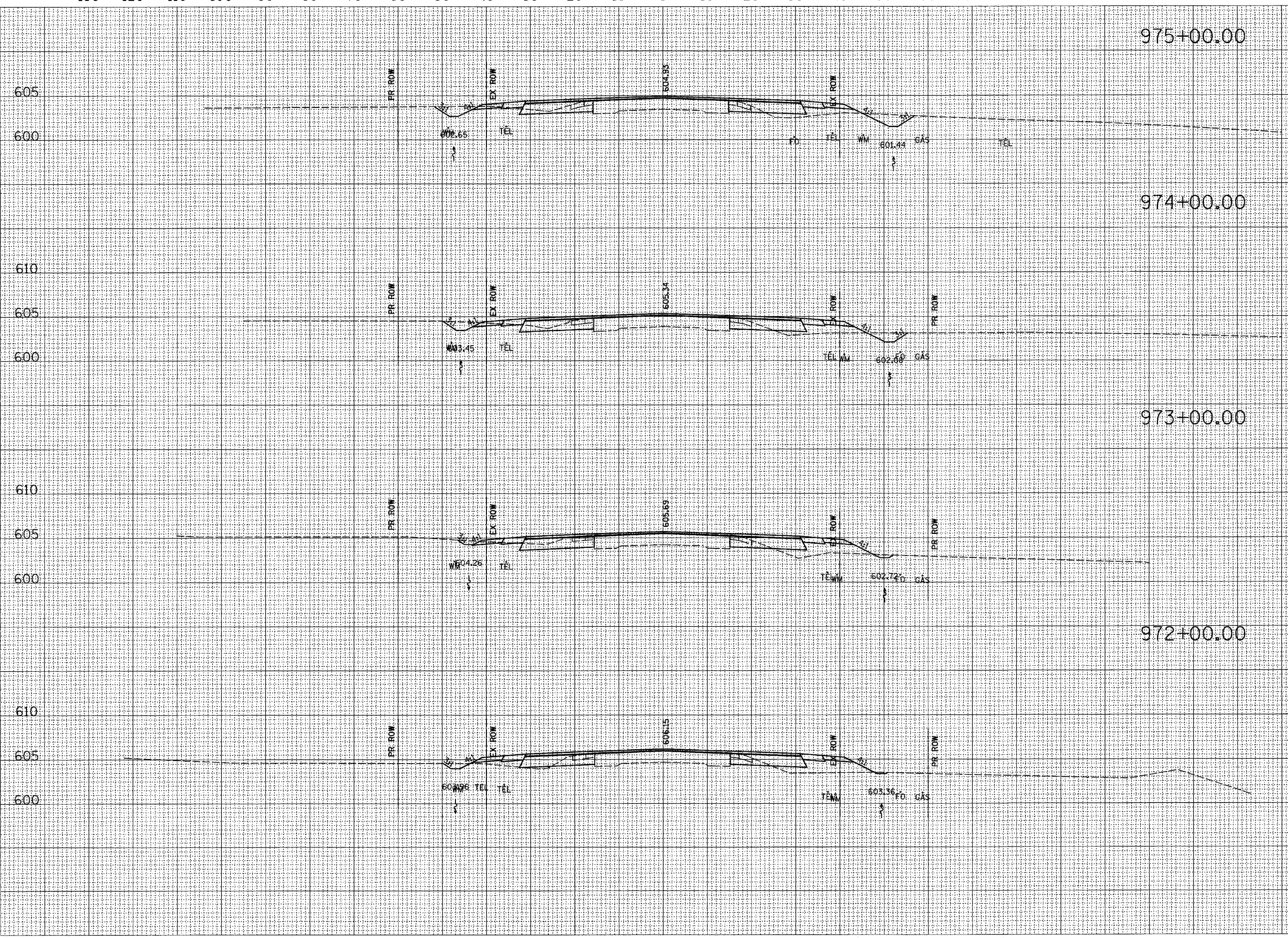


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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	*	EFFINGHAM	273	129
STA. 972+00.00 TO STA. 975+00.00				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
107WRS-1, 107BY, 107BY-1 & 107B-2				

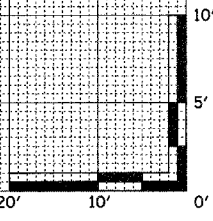
DATE	BY
DATE	BY
NO.	AREAS CHECKED
NO.	AREAS CHECKED

DATE	BY
DATE	BY
NO.	AREAS CHECKED
NO.	AREAS CHECKED



STATION	STAGE II (LT)	STAGE I (RT)
975+00.00	CUT=19 FILL=0	CUT=16 FILL=12
974+00.00	CUT=20 FILL=0	CUT=14 FILL=13
973+00.00	CUT=19 FILL=0	CUT=9 FILL=20
972+00.00	CUT=11 FILL=6	CUT=8 FILL=21

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

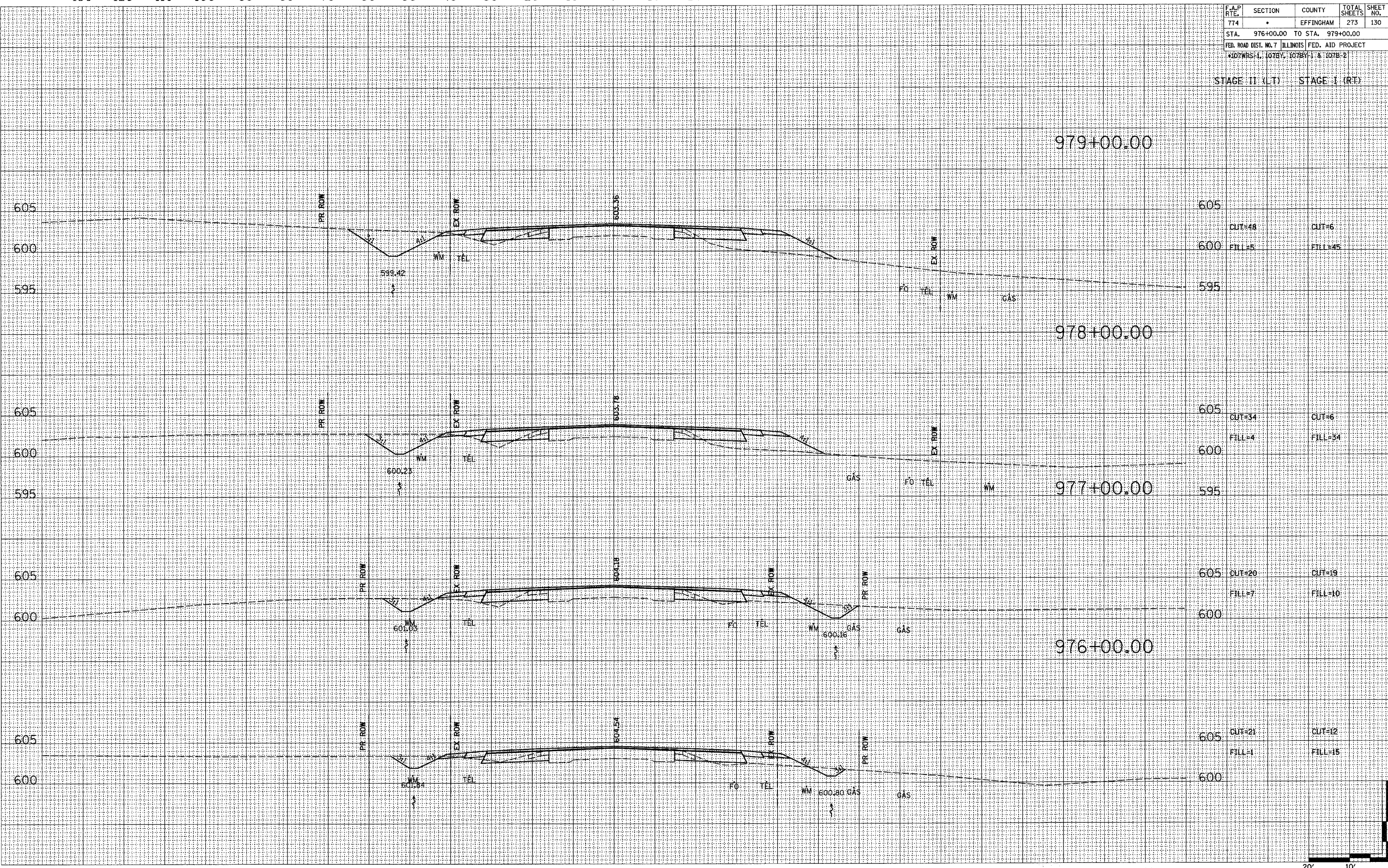


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774		EFFINGHAM	273	130
STA. 976+00.00 TO STA. 979+00.00		FED. AID PROJECT		
*107WRS-1, 107BY, 107BY-1 & 107B-2				

STAGE II (LT) STAGE I (RT)

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

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

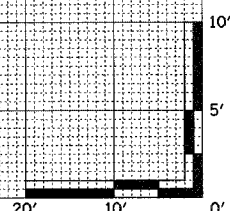


CUT=48	CUT=6
FILL=5	FILL=45

CUT=34	CUT=6
FILL=4	FILL=34

CUT=20	CUT=19
FILL=7	FILL=10

CUT=21	CUT=12
FILL=1	FILL=15

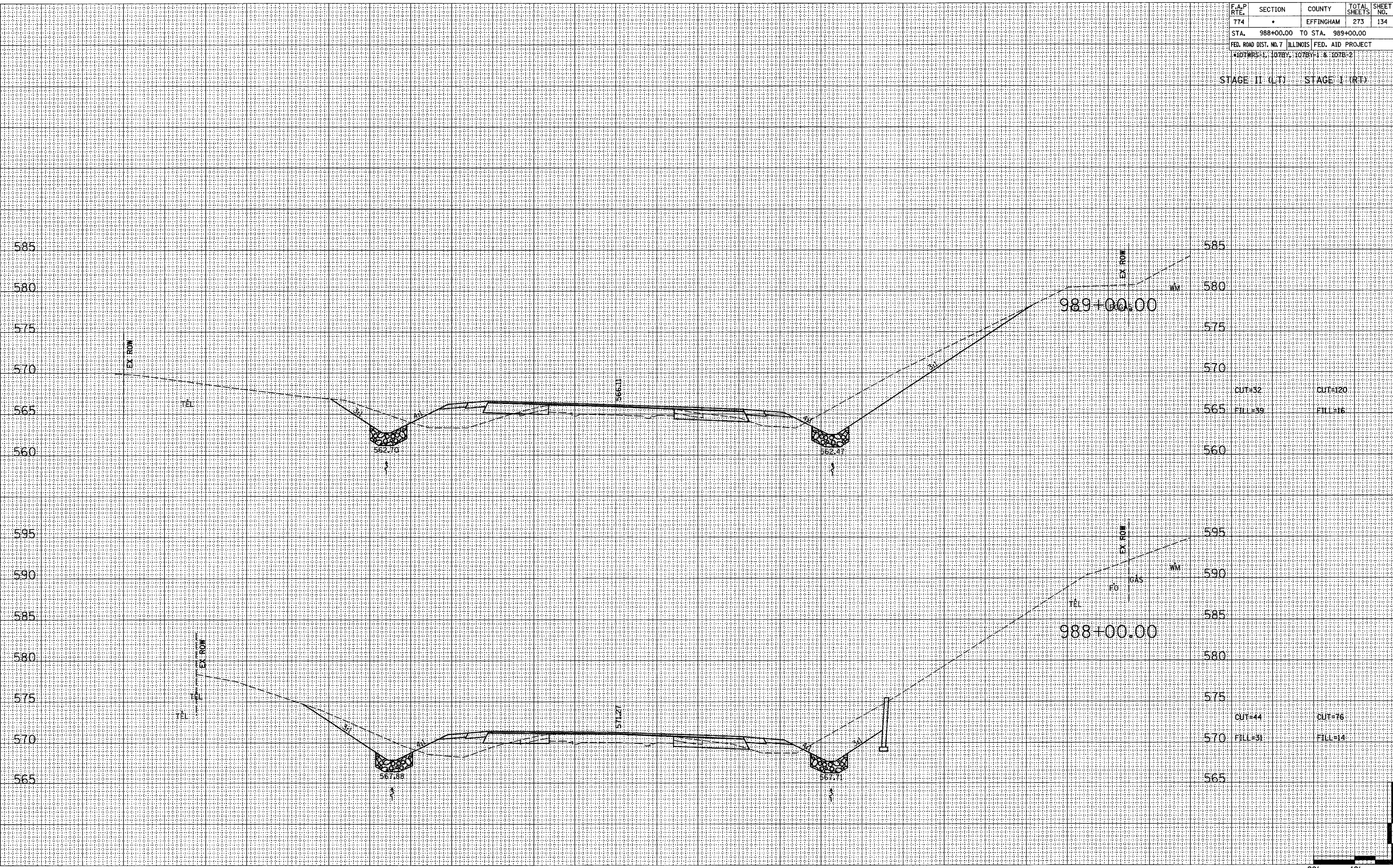


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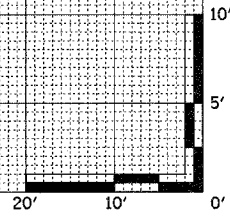
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	.	EFFINGHAM	273	134
STA. 988+00.00 TO STA. 989+00.00				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
107WRS-1, 107BY, 107BY-1 & 107B-2				
STAGE II (LT)			STAGE I (RT)	

FINAL SURVEY	DATE
SURVEYED	
BY	
NOTE BOOK	
NO.	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
SURVEYED	
BY	
NOTE BOOK	
NO.	
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



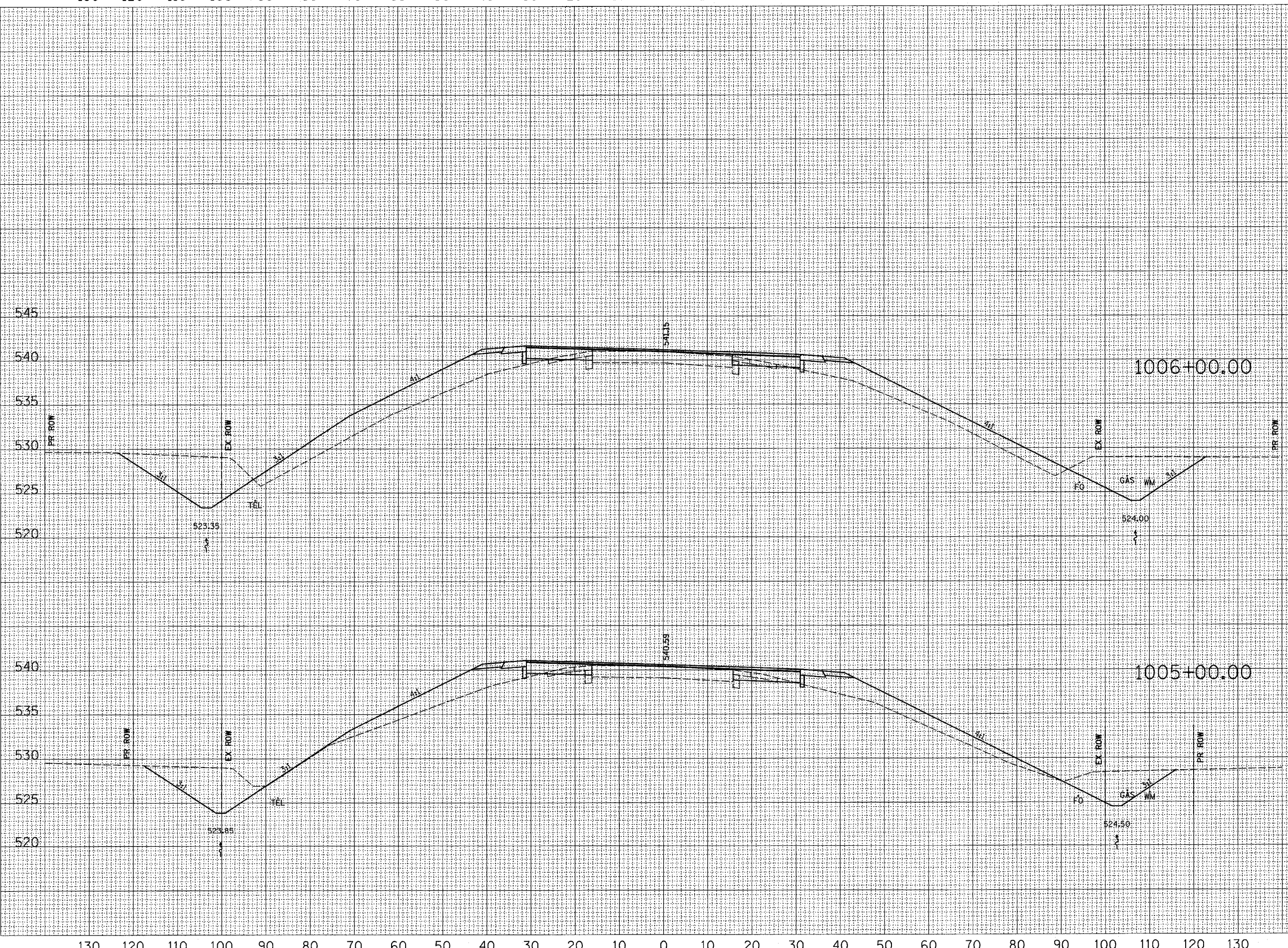
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774		EFFINGHAM	273	140
STA. 1005+00.00 TO STA. 1006+00.00		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		
*107WRS-1, 107BY, 107BY-1 & 107B-2				

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

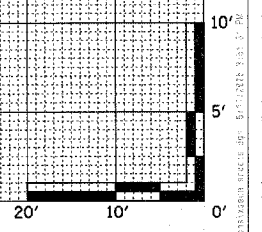
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BY	
FINAL SURVEY	
REVISION	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
REVISION	
NOTE BOOK	
AREAS CHECKED	
NO.	



CUT=106	CUT=95
FILL=137	FILL=91

CUT=82	CUT=65
FILL=75	FILL=74



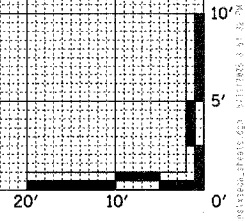
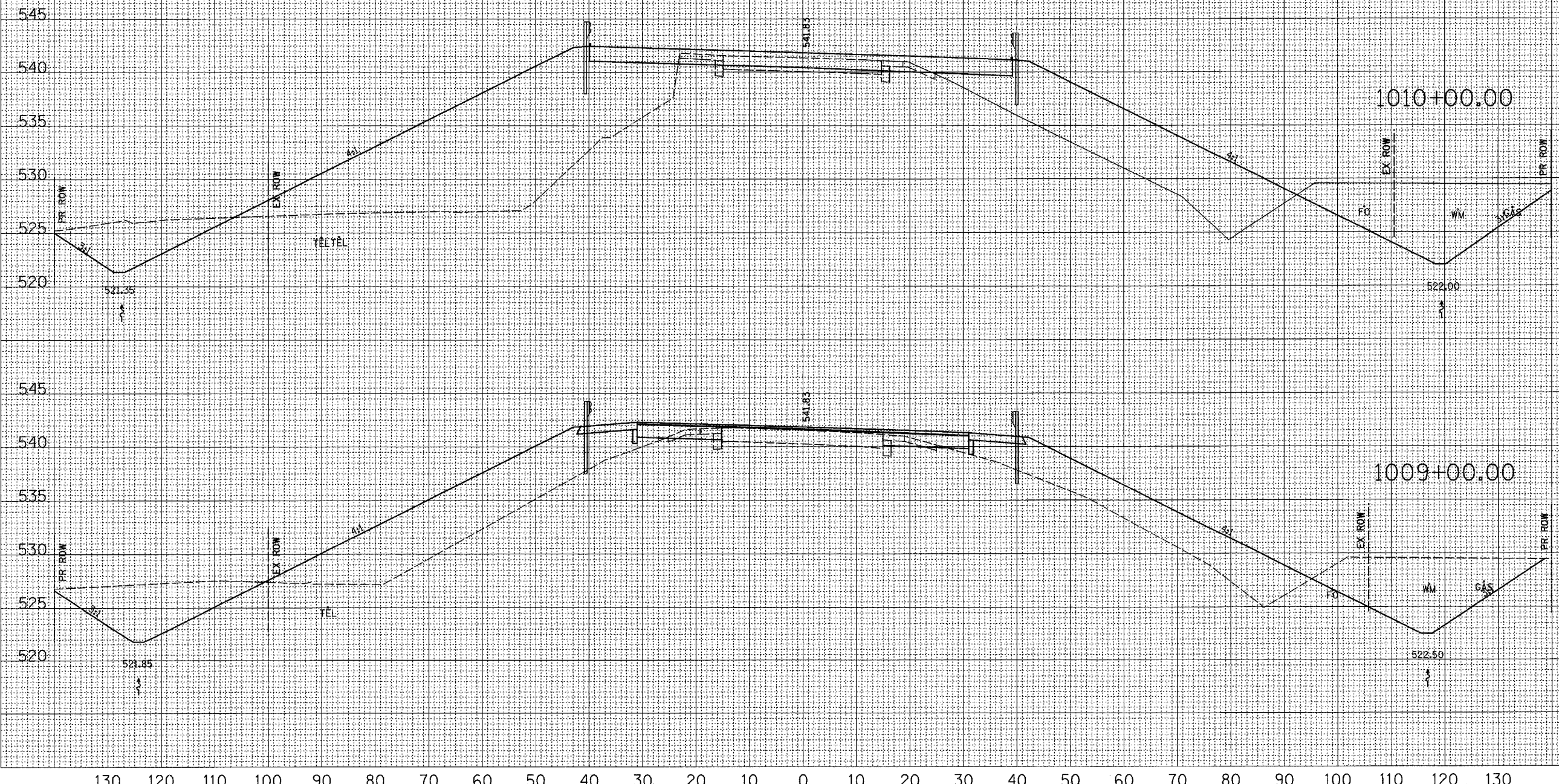
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	*	EFFINGHAM	273	142
STA. 1009+00.00 TO STA. 1010+00.00				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
407WRS-1, 107BY, 107BY-1 & 107B-2				

STAGE II (LT) STAGE I (RT)

DATE	
BY	
FINAL SURVEY	
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	



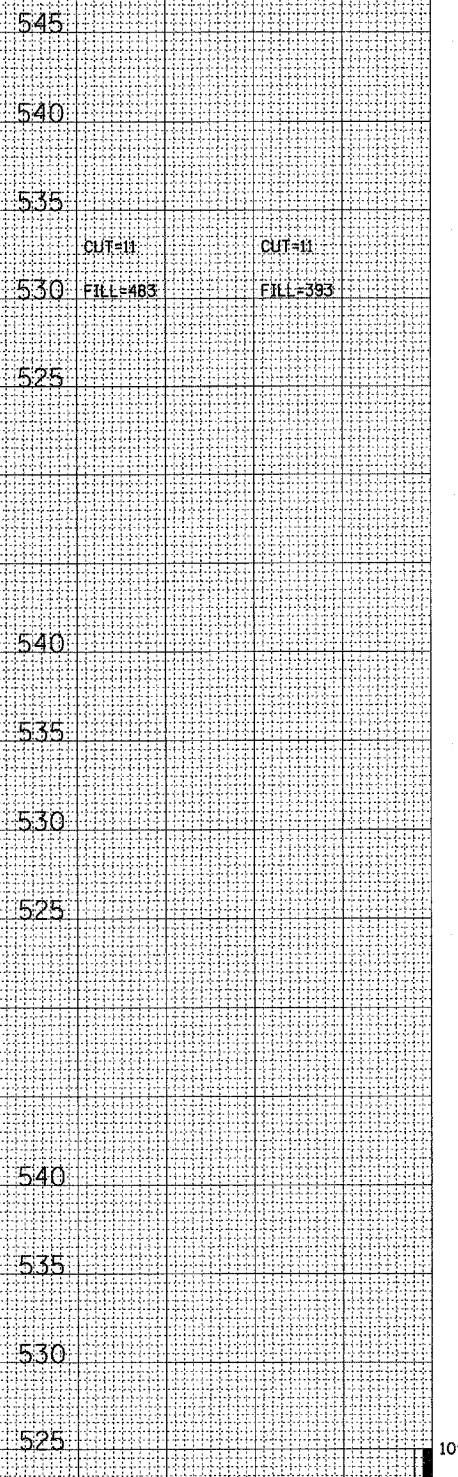
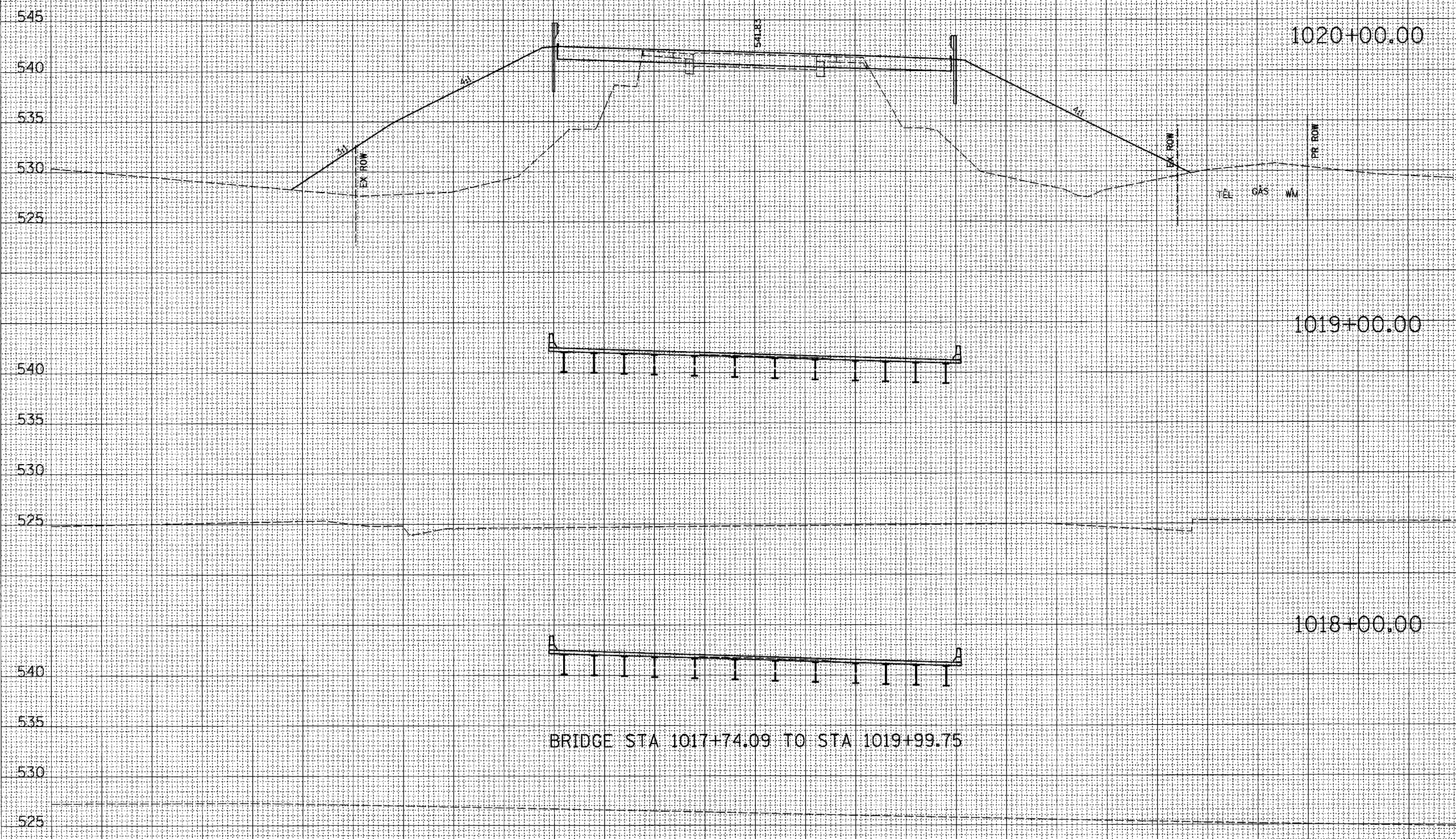
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	*	EFFINGHAM	273	146
STA. 1018+00.00		TO STA. 1020+00.00		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
*107WRS-1, 107BY, 107BY-1 & 107B-2				

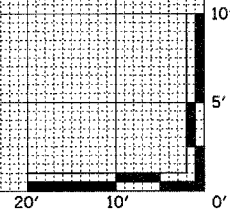
STAGE II (L.T.) STAGE I (RT.)

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

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



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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

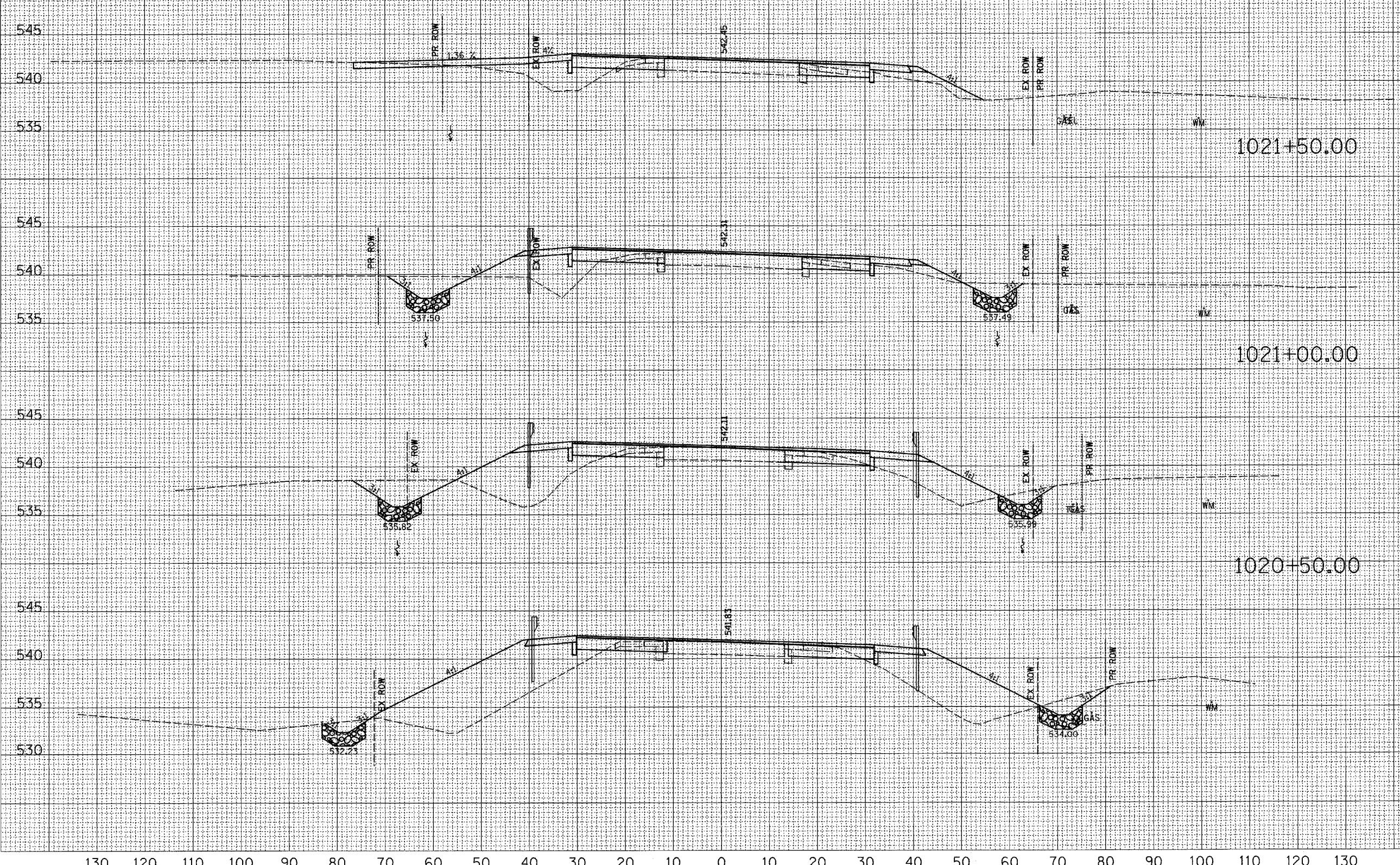
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774		EFFINGHAM	273	147
STA. 1020+50.00 TO STA. 1022+00.00				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
107WRS-1, 107BY, 107BY-1 & 107B-2				

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

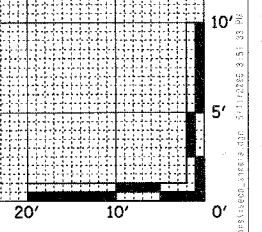
1022+00.00

DATE	
BY	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



545	CUT=41	CUT=32
540	FILL=48	FILL=16
535		
545	CUT=32	CUT=23
540	FILL=55	FILL=10
535		
545	CUT=42	CUT=24
540	FILL=97	FILL=56
535		
545		
540	CUT=18	CUT=28
535	FILL=188	FILL=120
530		



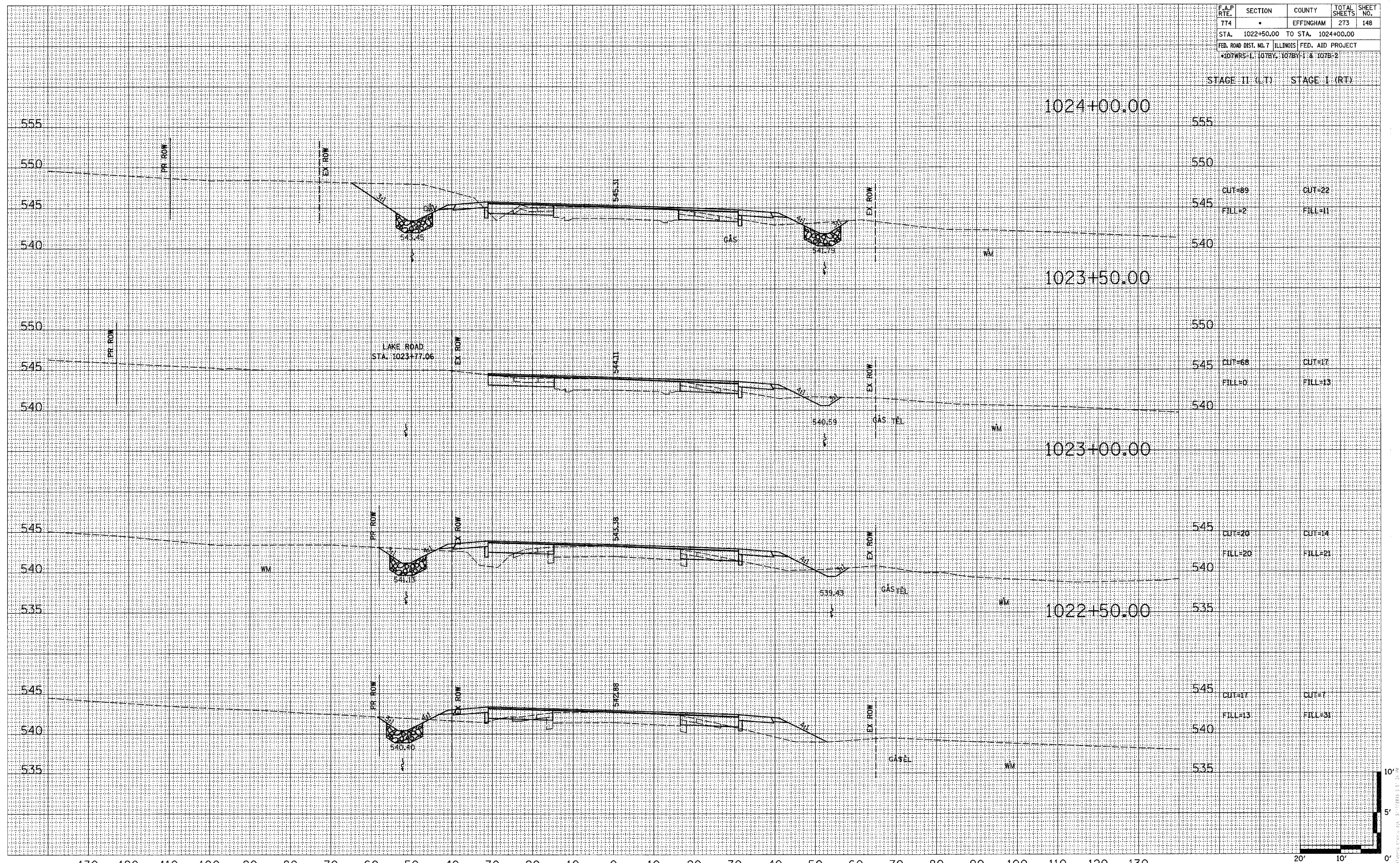
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F.A.P. RTE. 774	SECTION *	COUNTY EFFINGHAM	TOTAL SHEETS 273	SHEET NO. 148
STA. 1022+50.00 TO STA. 1024+00.00		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		
*107WRS-1, 107BY, 107BY-1 & 107B-2				

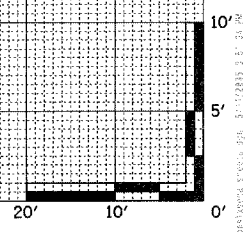
STAGE II (LT) STAGE I (RT)

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

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



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



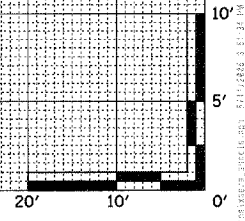
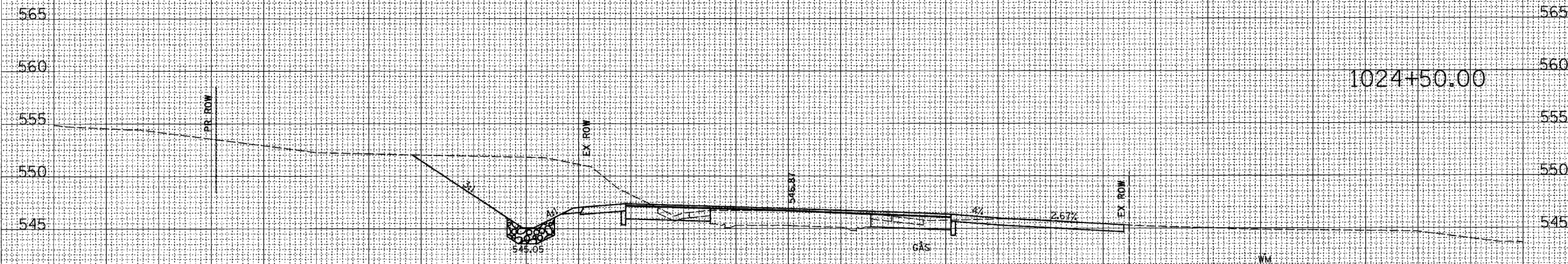
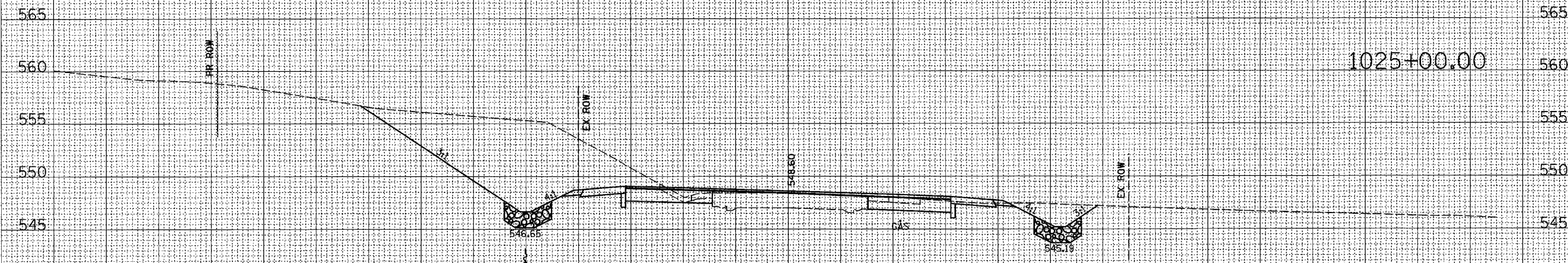
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	.	EFFINGHAM	273	149
STA. 1024+50.00		TO STA. 1025+00.00		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		
107WRS-1, 107BY, 107BY-1 & 107B-2				

STAGE II (LT) STAGE I (RT)

DATE	BY	DATE

DATE	BY	DATE



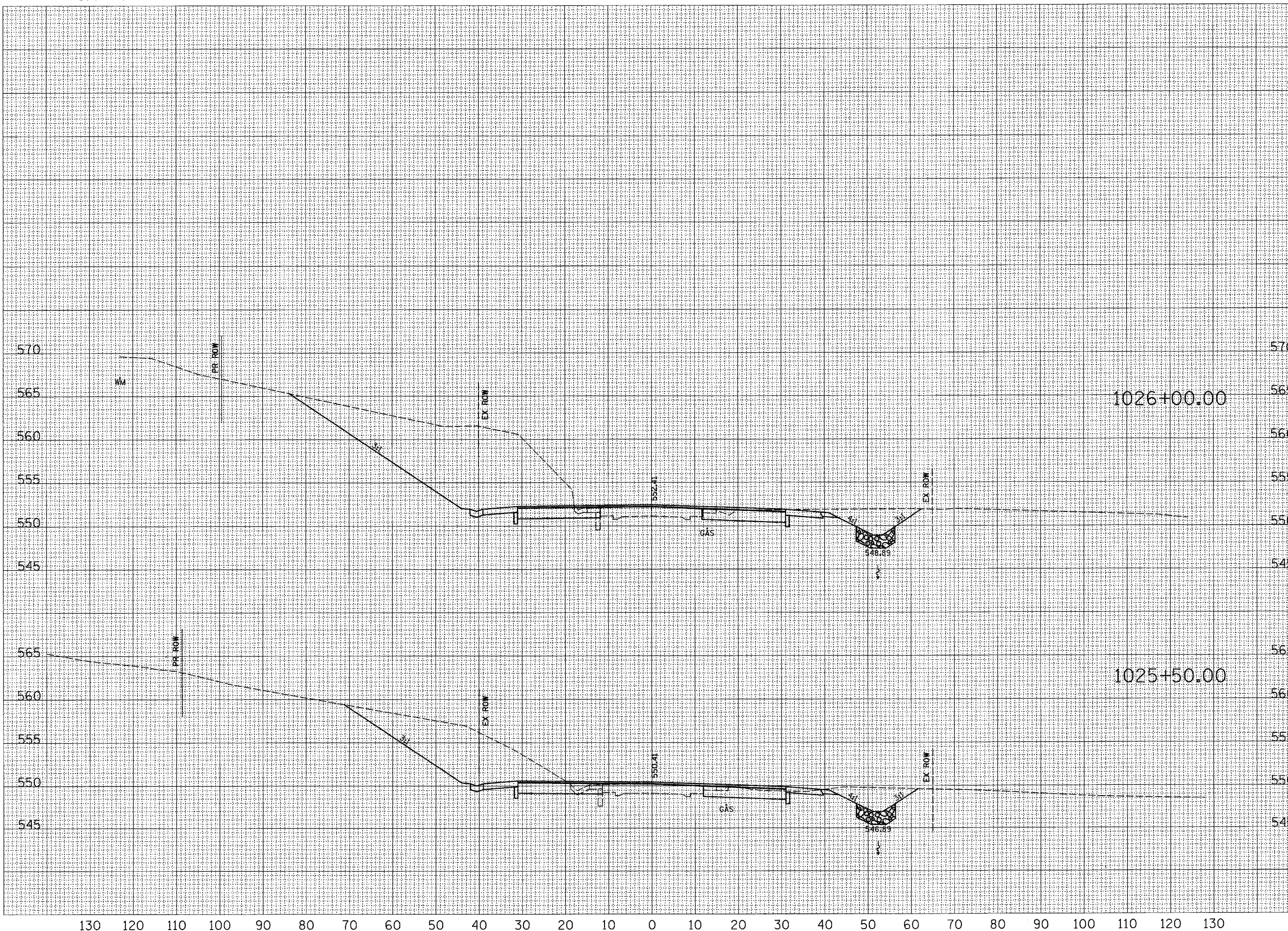
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	*	EFFINGHAM	273	150
STA. 1025+50.00 TO STA. 1026+00.00				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
*107WRS-1, 107BY, 107BY-1 & 107B-2				

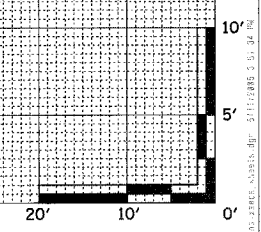
STAGE II (LT) STAGE I (RT)

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

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



570		
565		
560		
555	CUT-395	CUT-66
550	FILL-0	FILL-0
545		
565		
560		
555		
550	CUT-205	CUT-56
545	FILL-0	FILL-0



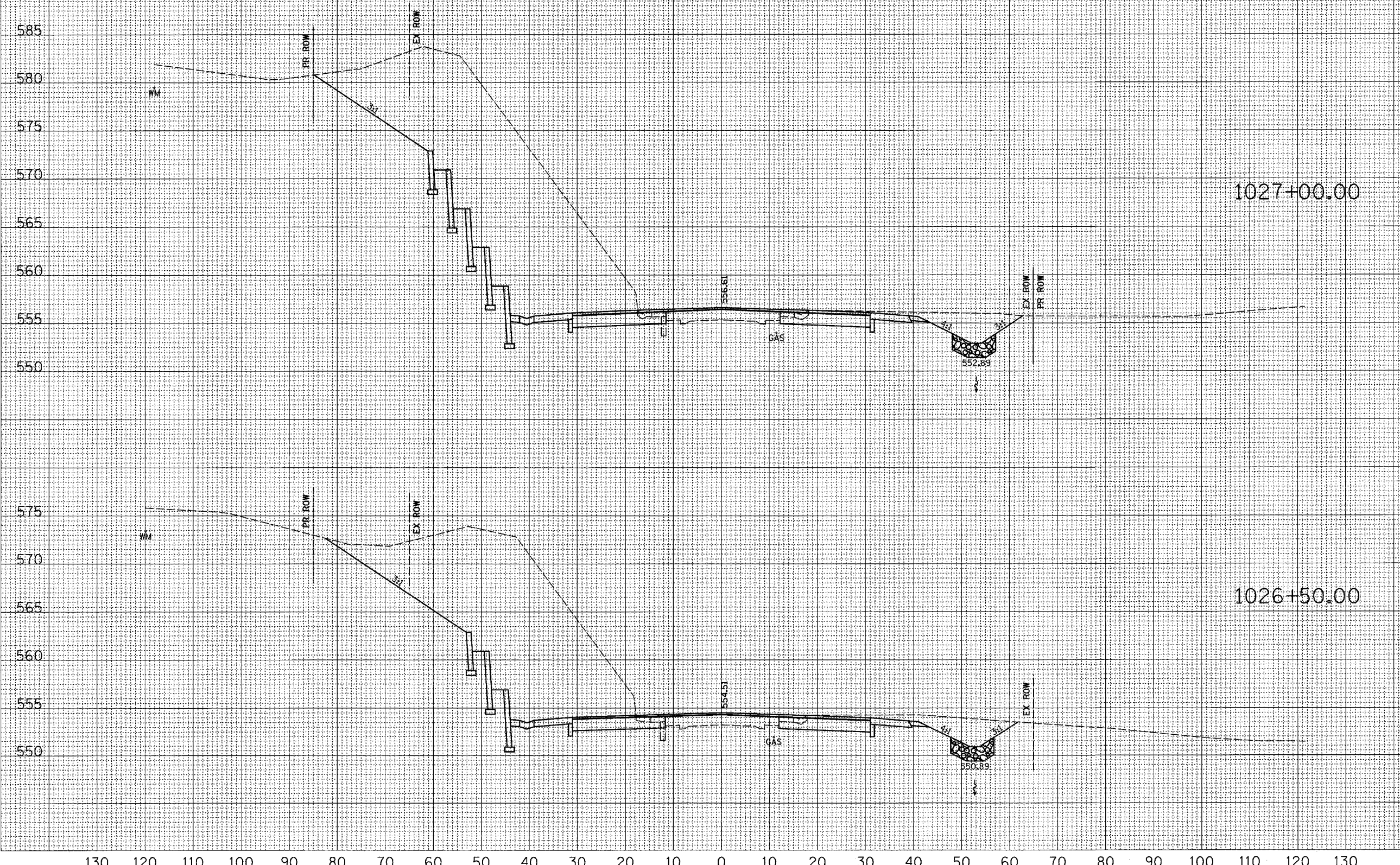
130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774		EFFINGHAM	273	151
STA. 1026+50.00 TO STA. 1027+00.00				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
407WRS-1, 107BY, 107BY-1 & 107B-2				

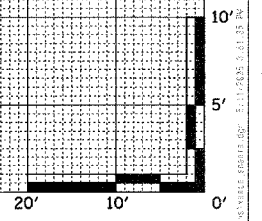
STAGE II (LT) STAGE I (RT)

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

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



585	585
580	580
575	575
570	570
565	565
560	560
555	CUT=743 FILL=0
550	550
575	575
570	570
565	565
560	560
555	CUT=602 FILL=0
550	550

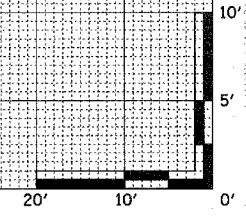
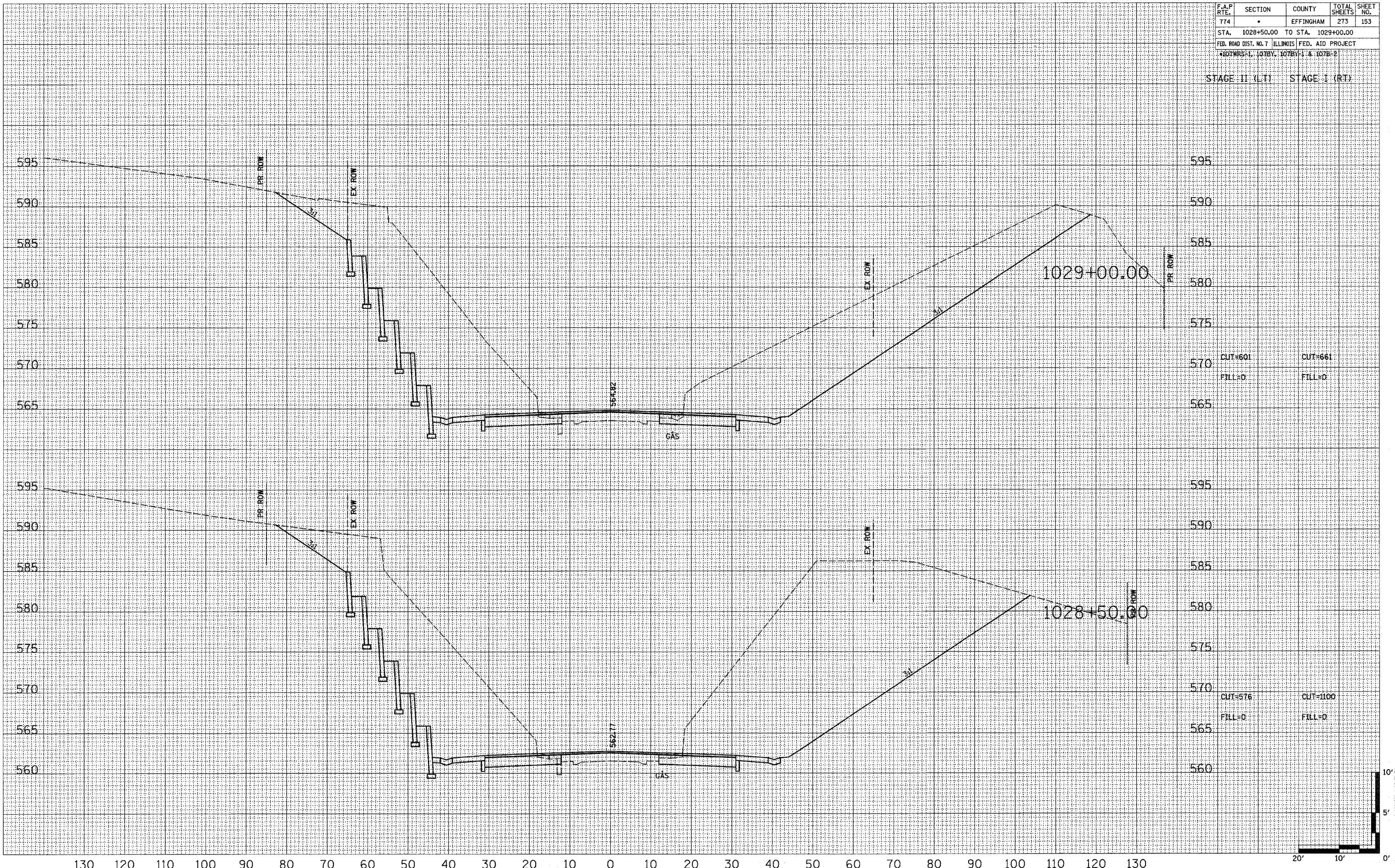


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	.	EFFINGHAM	273	153
STA. 1028+50.00 TO STA. 1029+00.00				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
*107WRS-1, 107BY, 107BY-1 & 107B-2				

STAGE II (LT) STAGE I (RT)

DATE	BY
NO.	
AREAS CHECKED	
TEMPLATE	
PLOTTED	
SURVEYED	
FINAL SURVEY	

DATE	BY
NO.	
AREAS CHECKED	
TEMPLATE	
PLOTTED	
SURVEYED	
ORIGINAL SURVEY	

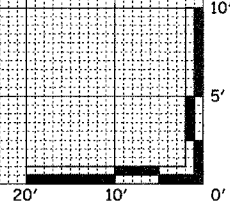
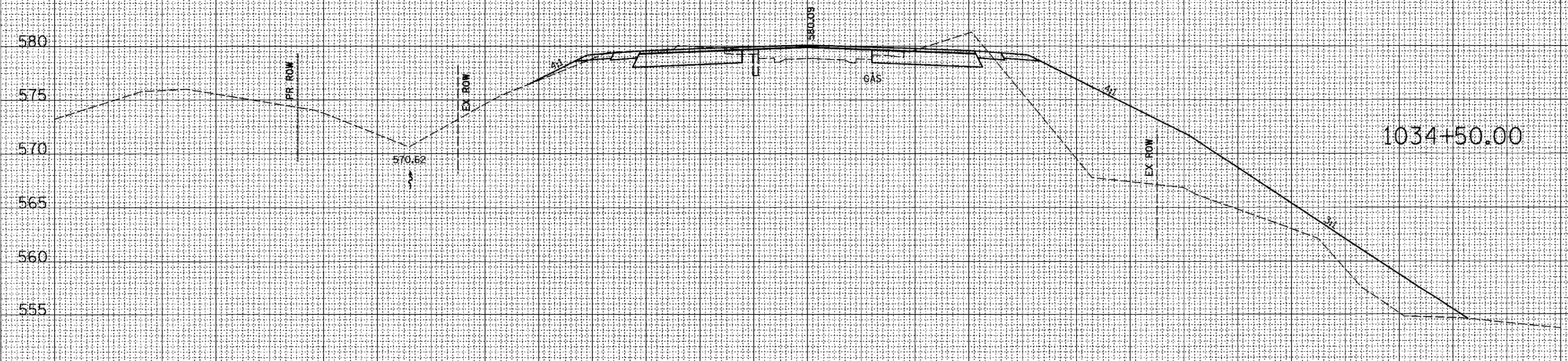
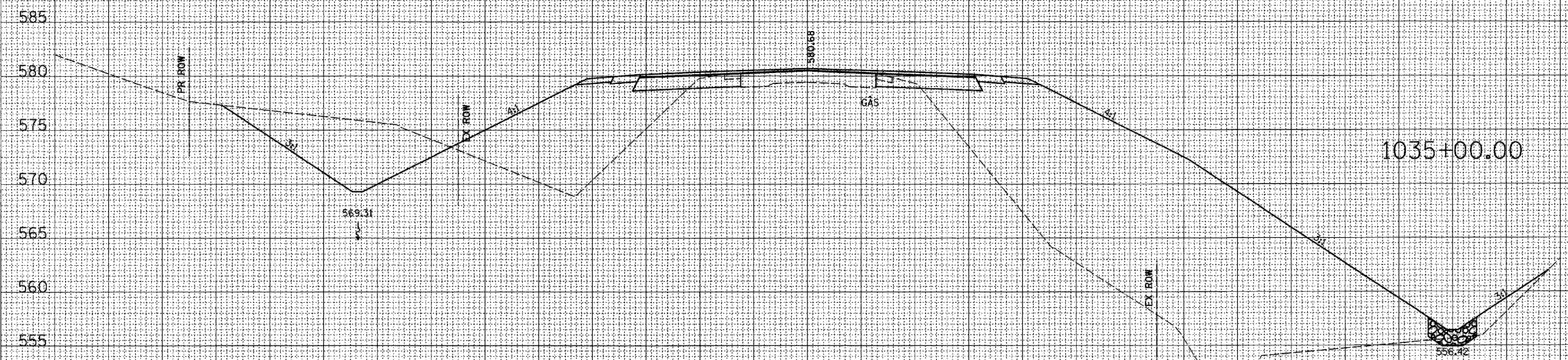


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	*	EFFINGHAM	273	159
STA. 1034+50.00 TO STA. 1035+00.00				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
107WRS-1, 107BY-1, 107BY-1 & 107B-2				

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

DATE _____
 BY _____
 SURVEYED _____
 CHECKED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____

DATE _____
 BY _____
 SURVEYED _____
 CHECKED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____



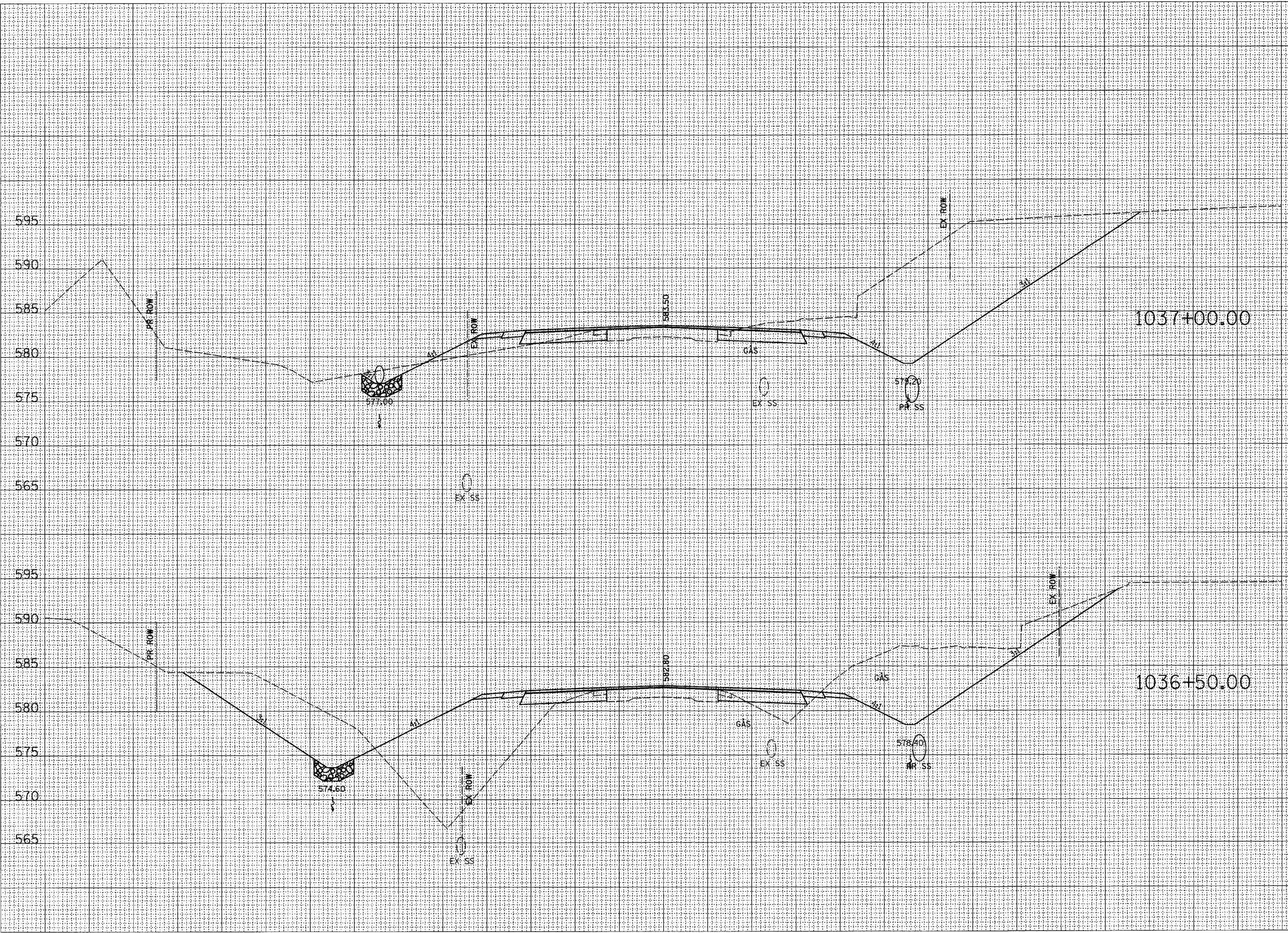
130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774		EFFINGHAM	273	161
STA. 1036+50.00 TO STA. 1037+00.00				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
*107WRS-1, 107BY, 107BY-1 & 107B-2				

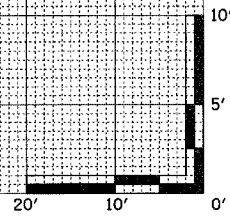
STAGE II (L.T.) STAGE I (RT.)

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

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



595	595
590	590
585	585
580	580
575	575
570	570
565	565
595	595
590	590
585	585
580	580
575	575
570	570
565	565
CUT=22	CUT=548
FILL=26	FILL=0
CUT=183	CUT=262
FILL=288	FILL=17



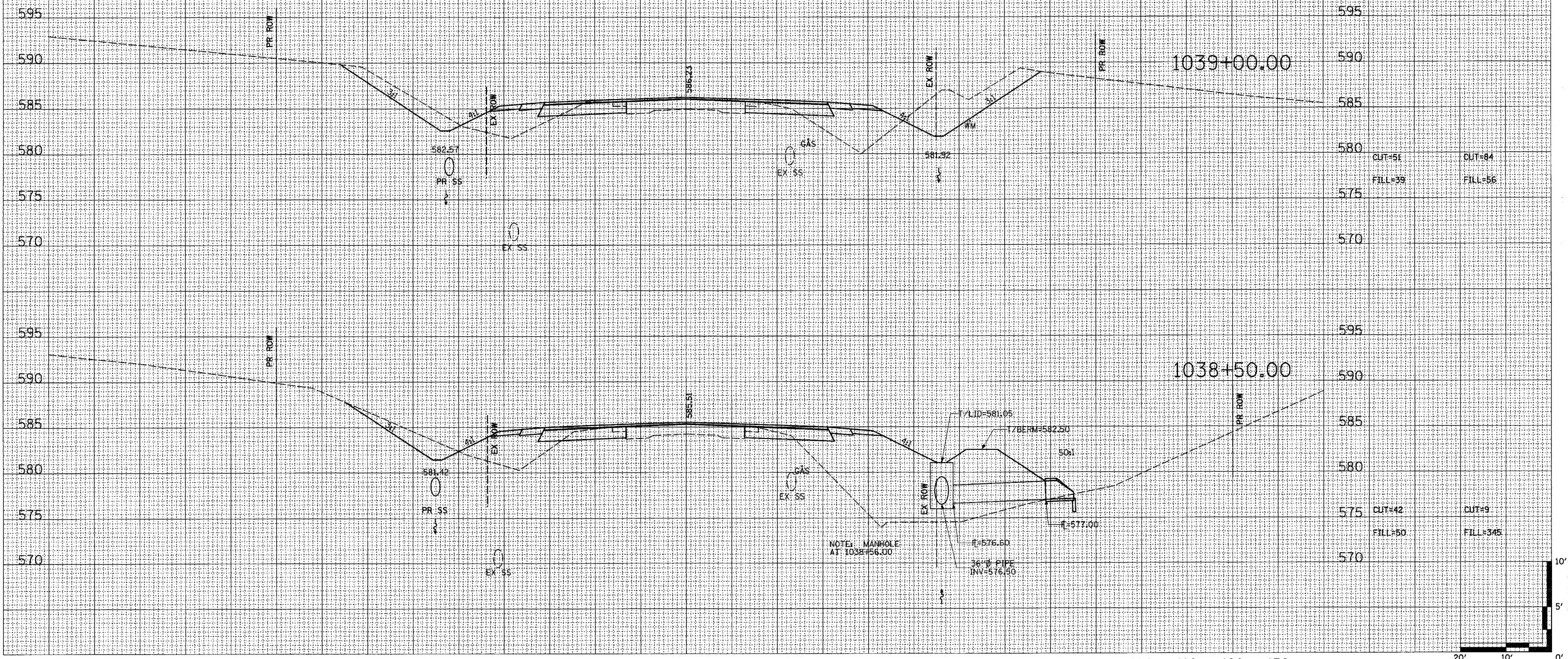
130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	.	EFFINGHAM	273	163
STA. 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 (LT) STAGE I (RT)

DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
DATE	
NO. OF SHEETS	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
DATE	
NO. OF SHEETS	
AREAS CHECKED	



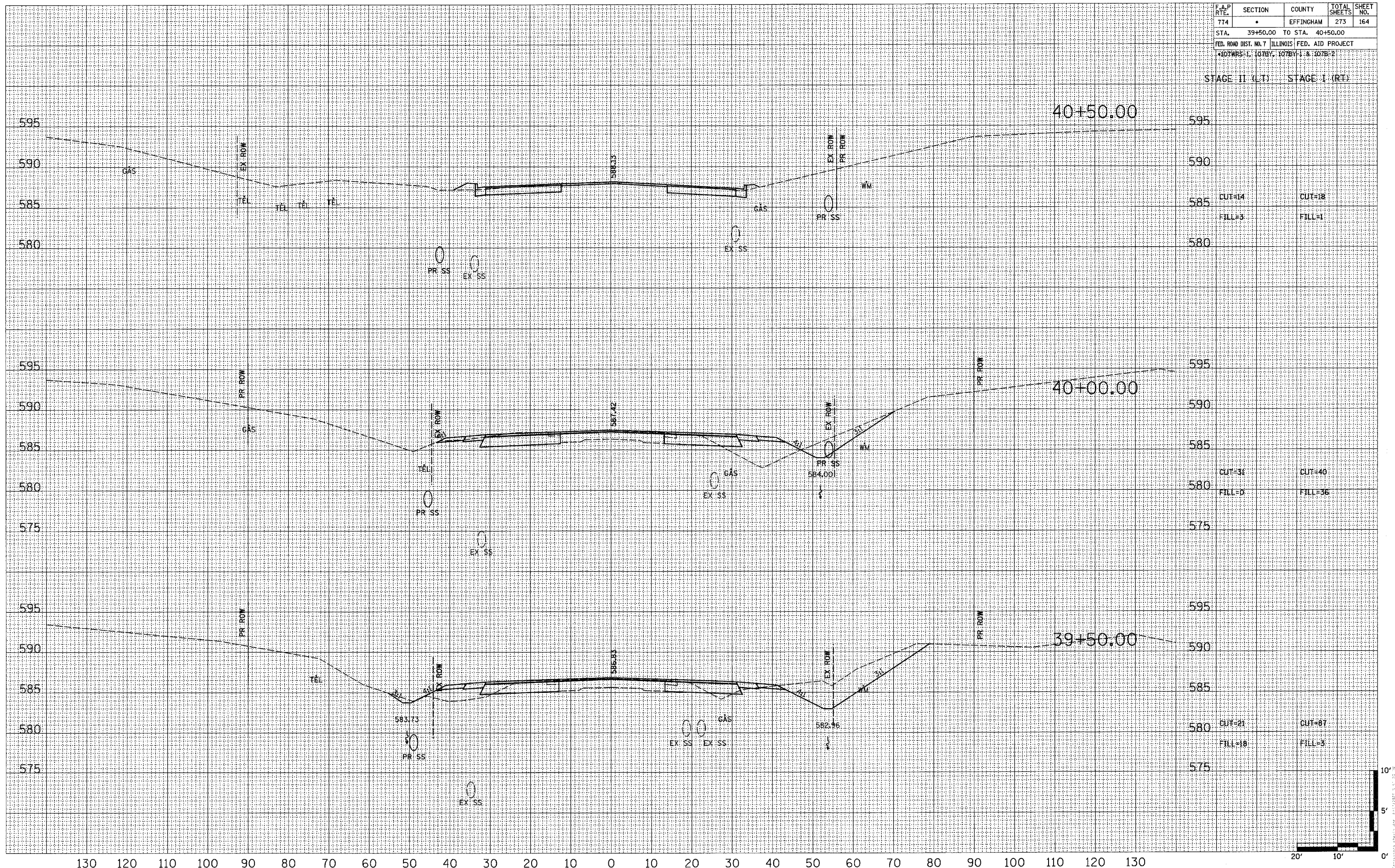
130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	*	EFFINGHAM	273	164
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)

DATE	BY
DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY



CUT=14
FILL=3

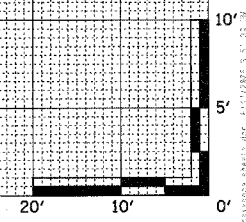
CUT=31
FILL=0

CUT=21
FILL=18

CUT=18
FILL=1

CUT=40
FILL=36

CUT=67
FILL=3

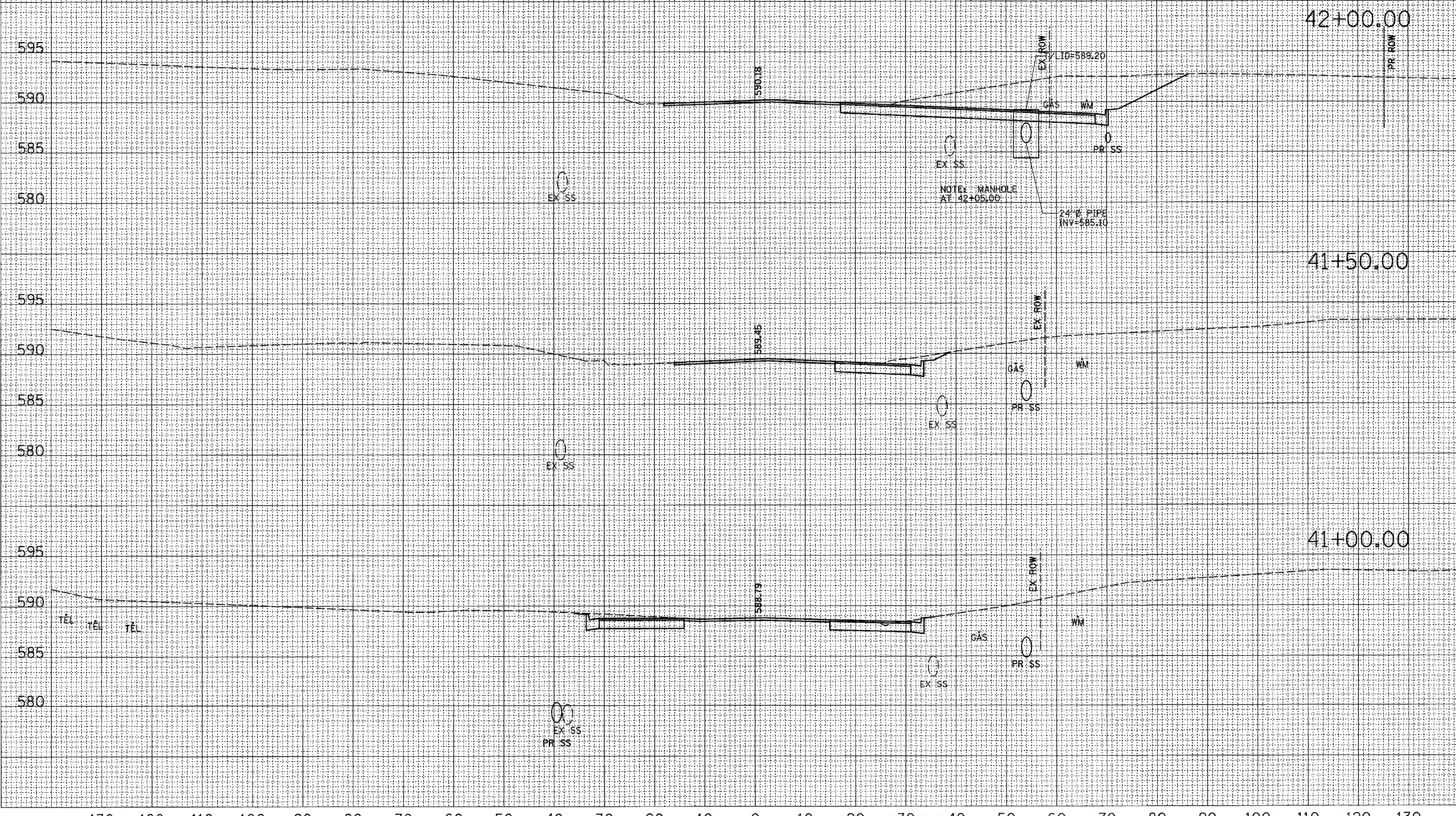


130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

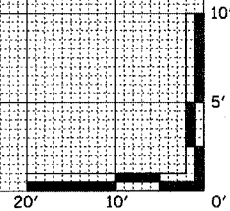
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	.	EFFINGHAM	273	165
STA. 41+00.00 TO STA. 42+00.00				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
107WRS-1, 107BY, 107BY-1 & 107B-2				
STAGE II (LT.)			STAGE I (RT.)	

DATE	
BY	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



595	595		
590	590	CUT=0	CUT=182
585	585	FILL=0	FILL=0
580	580		
595	595		
590	590	CUT=0	CUT=24
585	585	FILL=0	FILL=0
580	580		
595	595		
590	590	CUT=7	CUT=18
585	585	FILL=0	FILL=0
580	580		



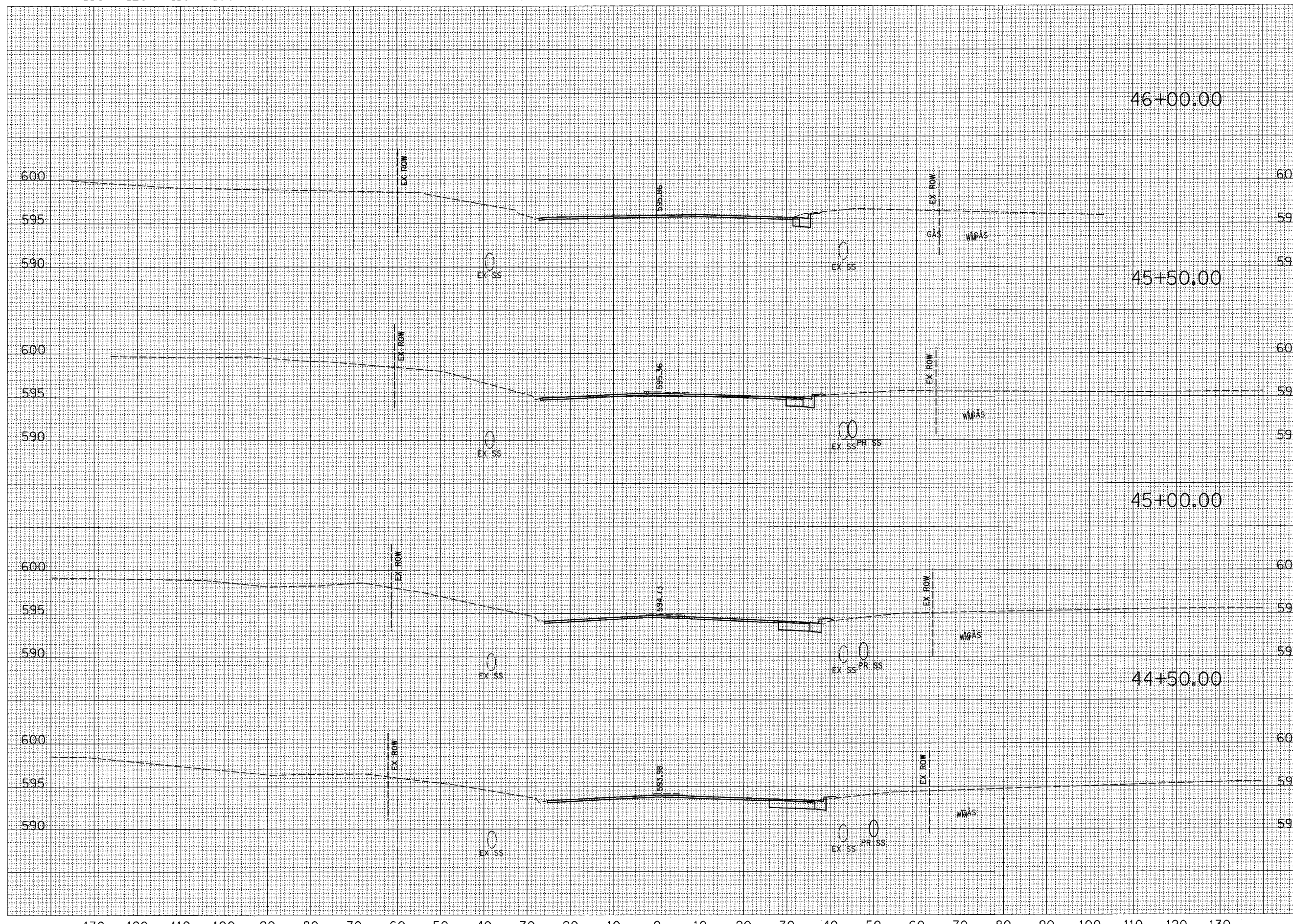
130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774		EFFINGHAM	273	166A
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				

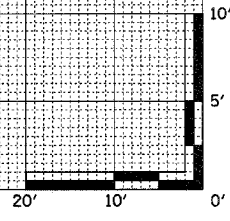
STAGE II (L.T.) STAGE I (R.T.)

DATE	
BY	
FINAL SURVEY	
REVISION	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
REVISION	
NOTE BOOK	
AREAS CHECKED	



600	CUT=0	CUT=13
595	FILL=0	FILL=0
590		
600	CUT=0	CUT=15
595	FILL=0	FILL=0
590		
600	CUT=0	CUT=14
595	FILL=0	FILL=0
590		
600	CUT=0	CUT=13
595	FILL=0	FILL=0
590		

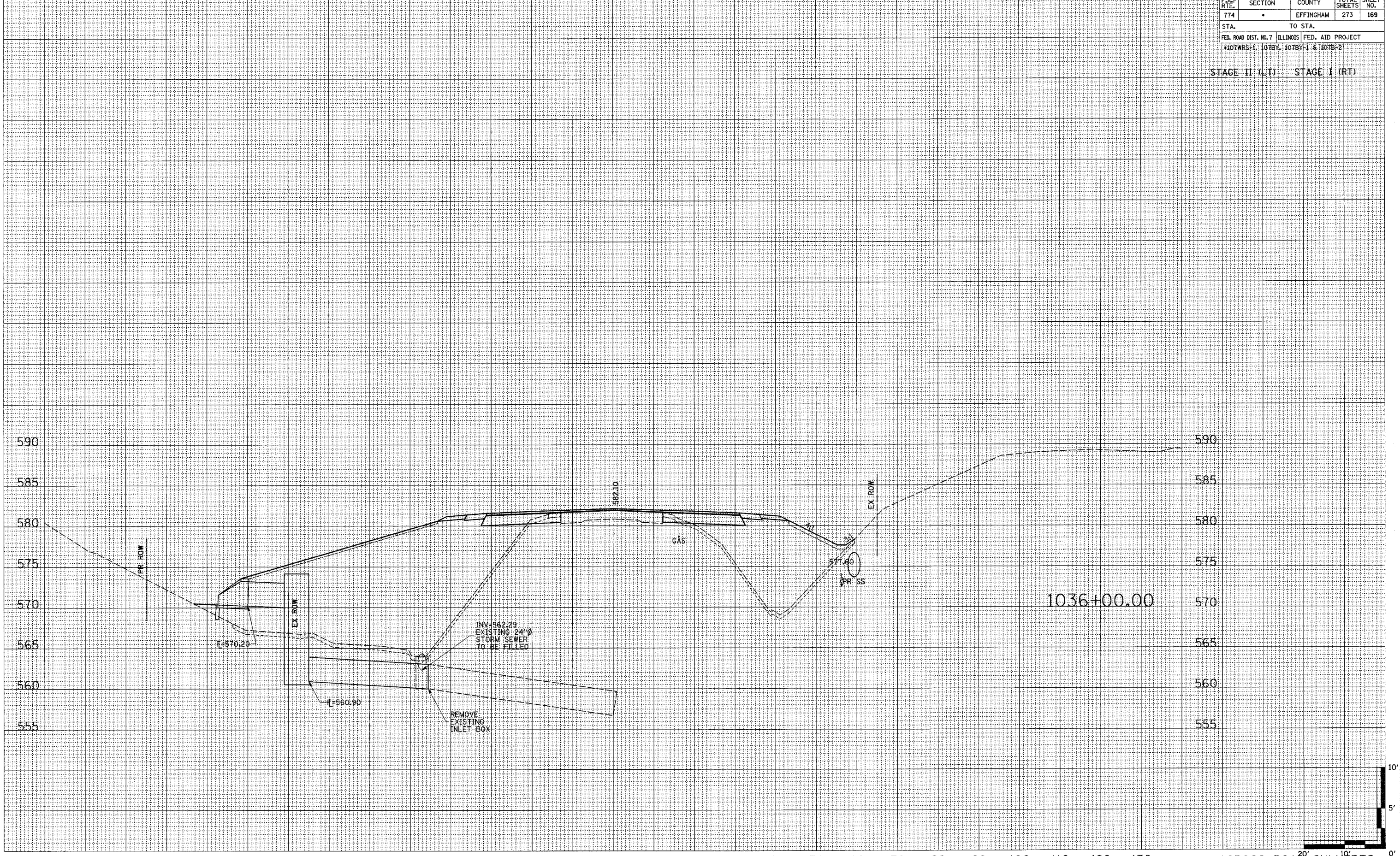


130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	•	EFFINGHAM	273	169
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
107WRS-1, 107BY, 107BY-1 & 107B-2				
STAGE II (LT)		STAGE I (RT)		

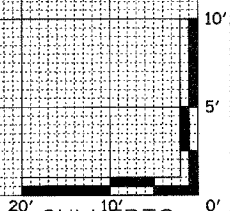
FINAL SURVEY	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

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

ACROSS ROAD CULVERTS



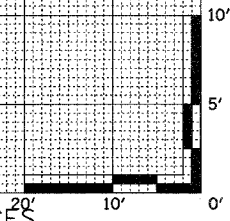
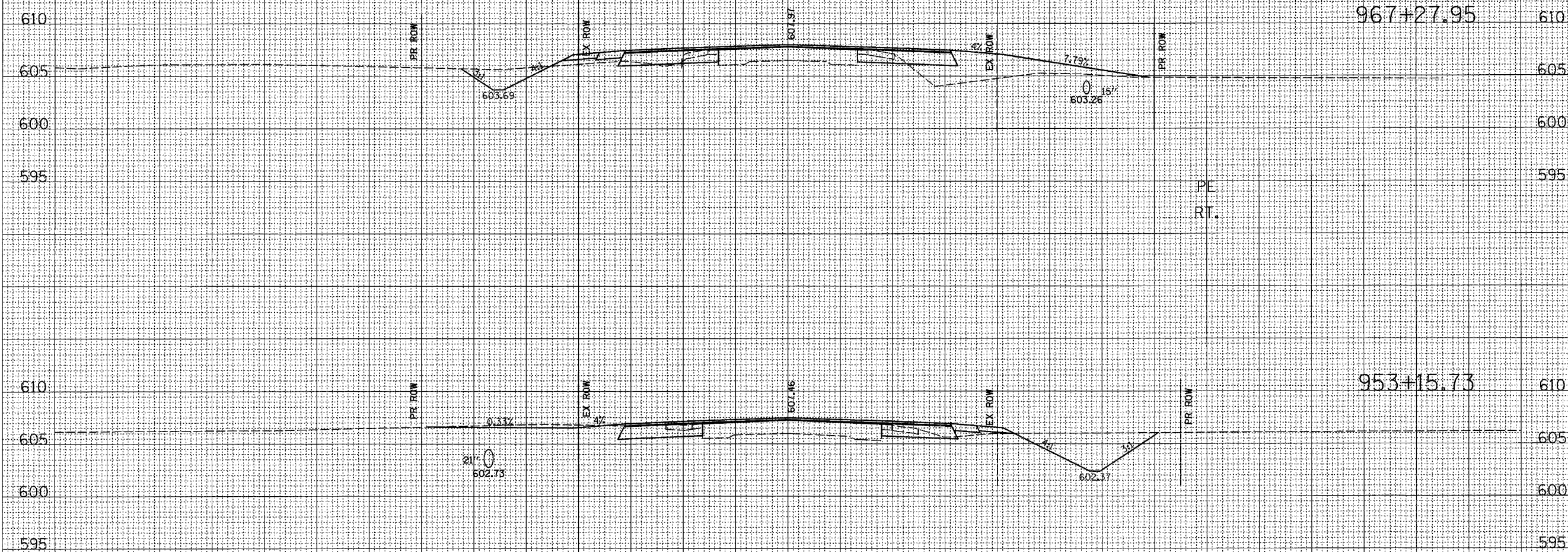
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	*	EFFINGHAM	273	170
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
*107WRS-1, 107BY, 107BY-1 & 107B-2				

STAGE II (LT) STAGE I (RT)

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

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

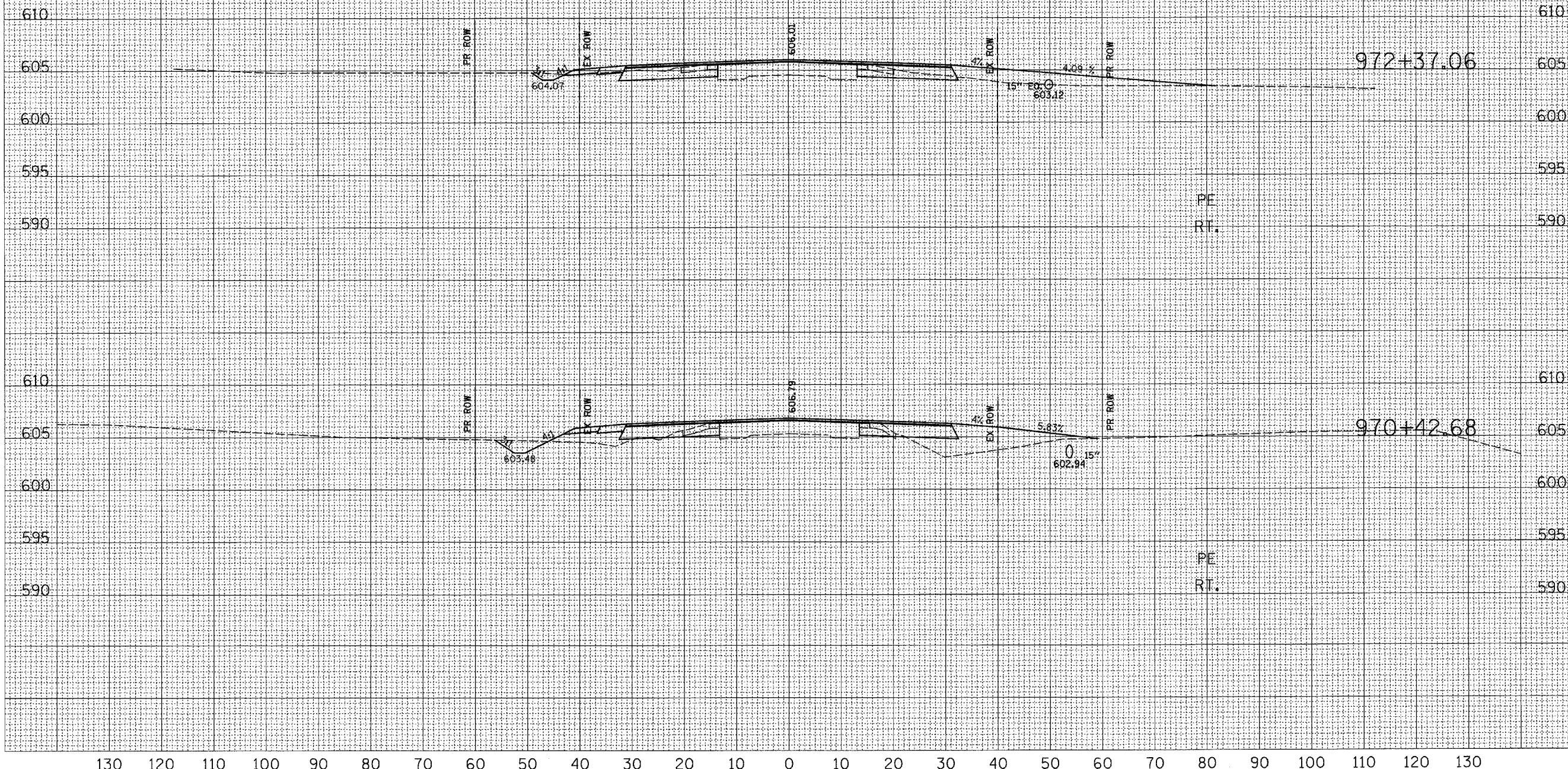


130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

F.A.P. RTE. 774	SECTION *	COUNTY EFFINGHAM	TOTAL SHEETS 273	SHEET NO. 171
STA.		TO STA.		
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	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	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

ENTRANCES 20' 10' 0'

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		
4107WRS-1, 107BY, 107BY-1 & 107B-2				

STAGE II (LT) STAGE I (RT)

FINAL SURVEY

DATE _____

BY _____

NO. _____

AREAS CHECKED _____

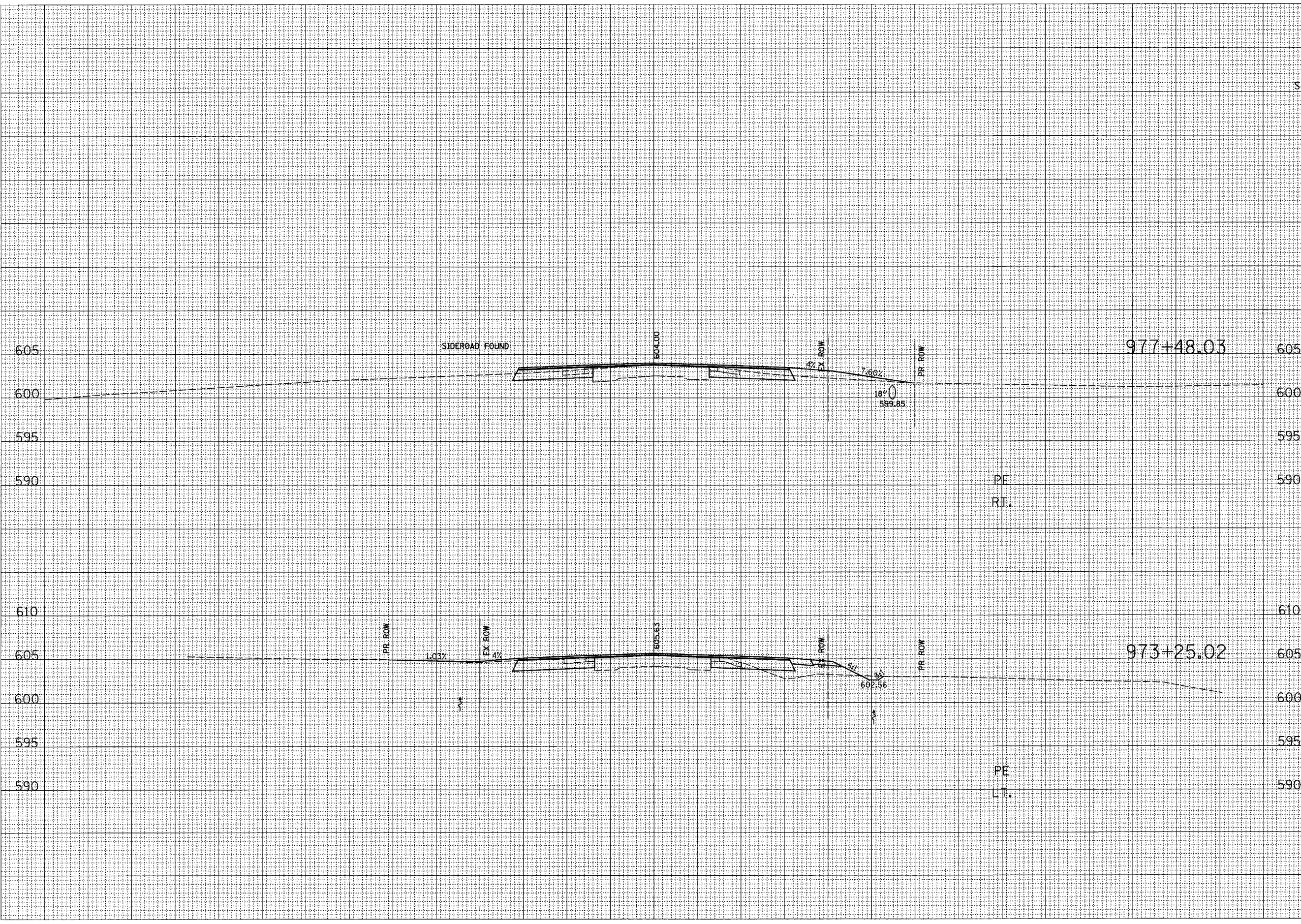
ORIGINAL SURVEY

DATE _____

BY _____

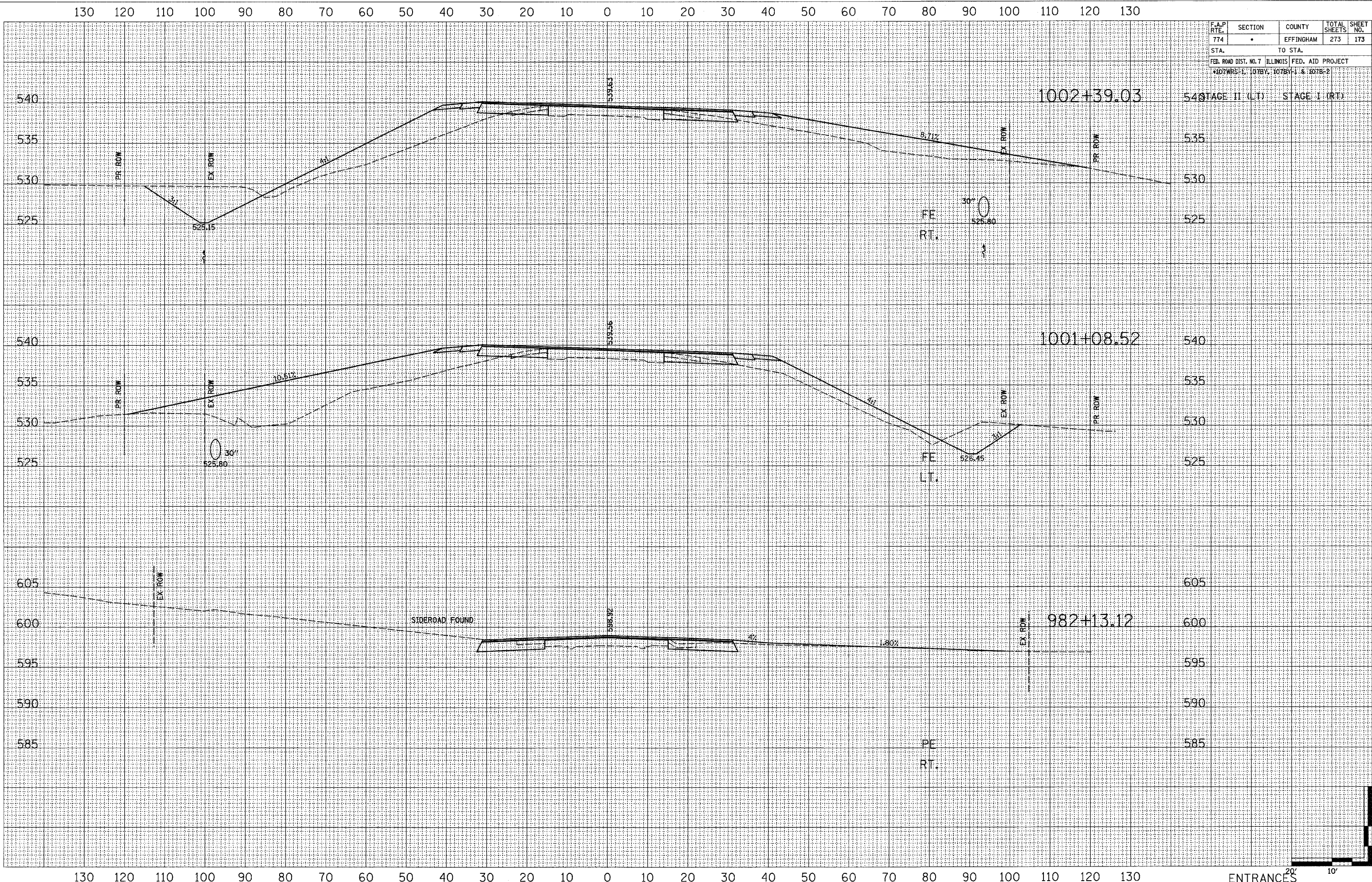
NO. _____

AREAS CHECKED _____



ENTRANCES 20' 10' 0'

F.A.P. RTE. 774	SECTION *	COUNTY EFFINGHAM	TOTAL SHEETS 273	SHEET NO. 173
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
*107WRS-1, 107BY, 107BY-1 & 107B-2				



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

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

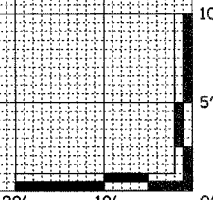
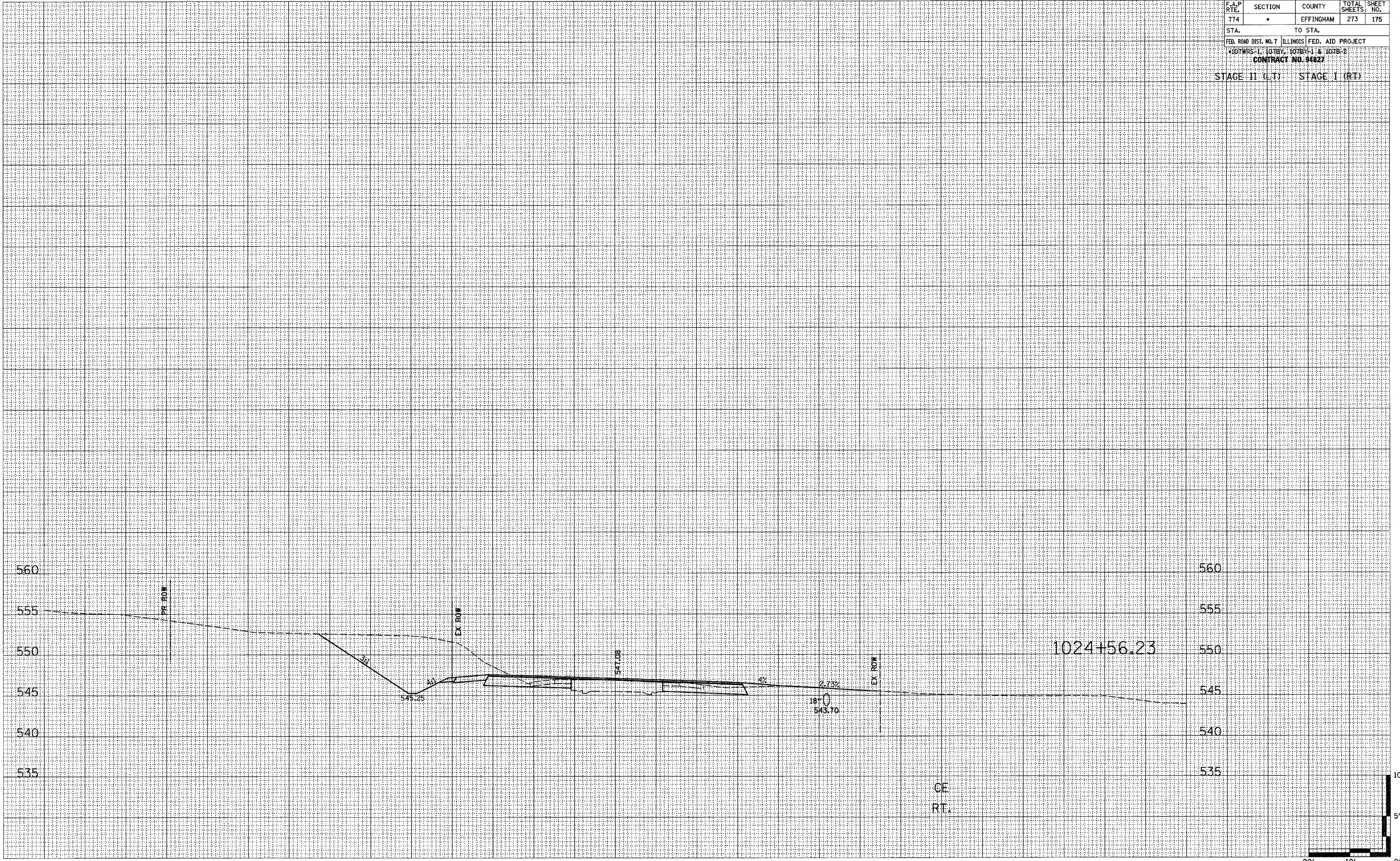
ENTRANCES 20' 10' 0'

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	175
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)		

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

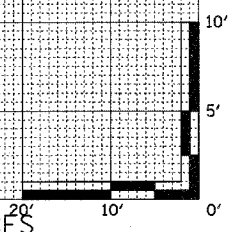
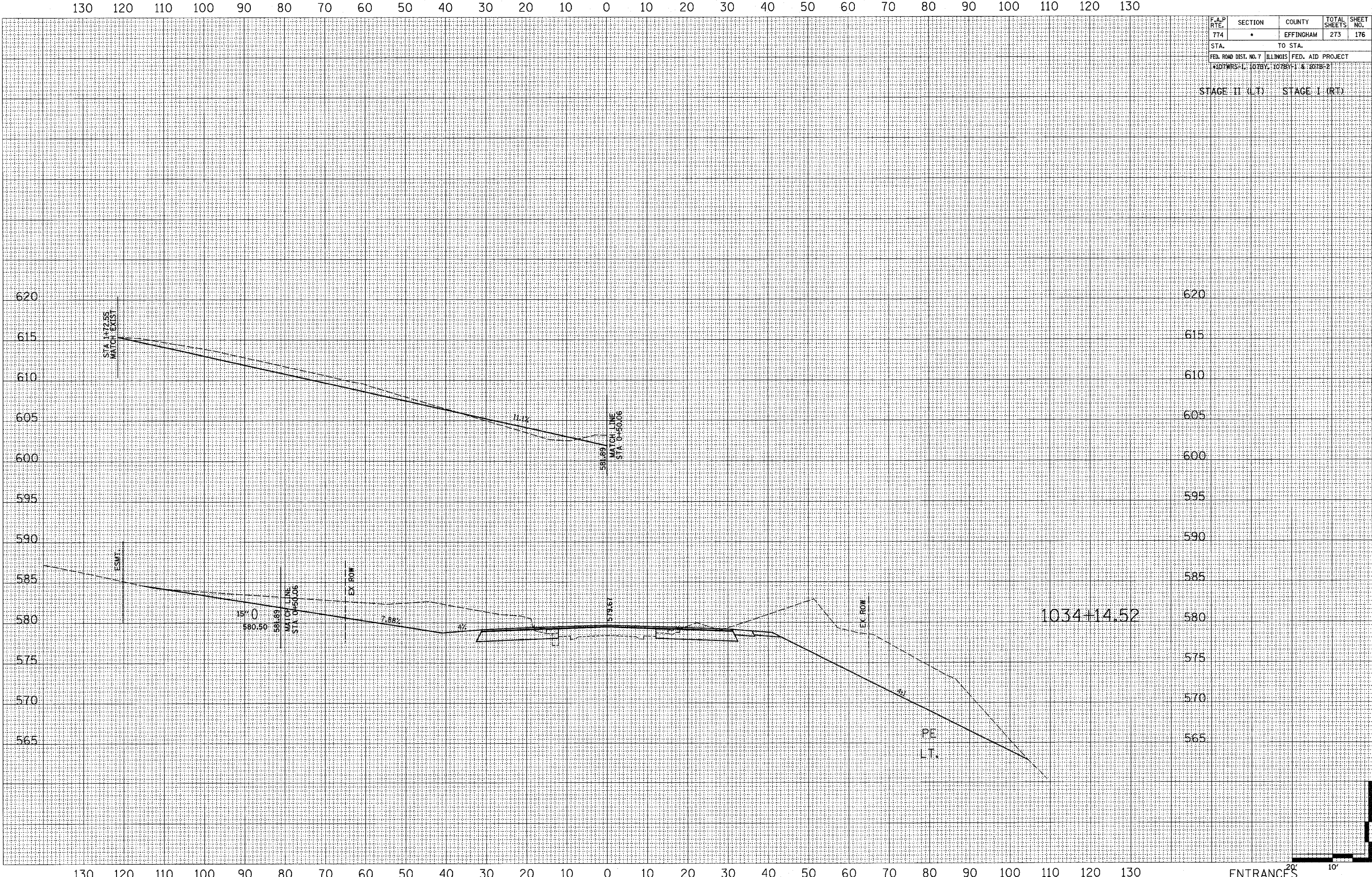
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	DATE		
	AREAS CHECKED		



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	*	EFFINGHAM	273	176
STA.		TO STA.		
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 NO.	PLOTTED
	DATE
	AREAS CHECKED

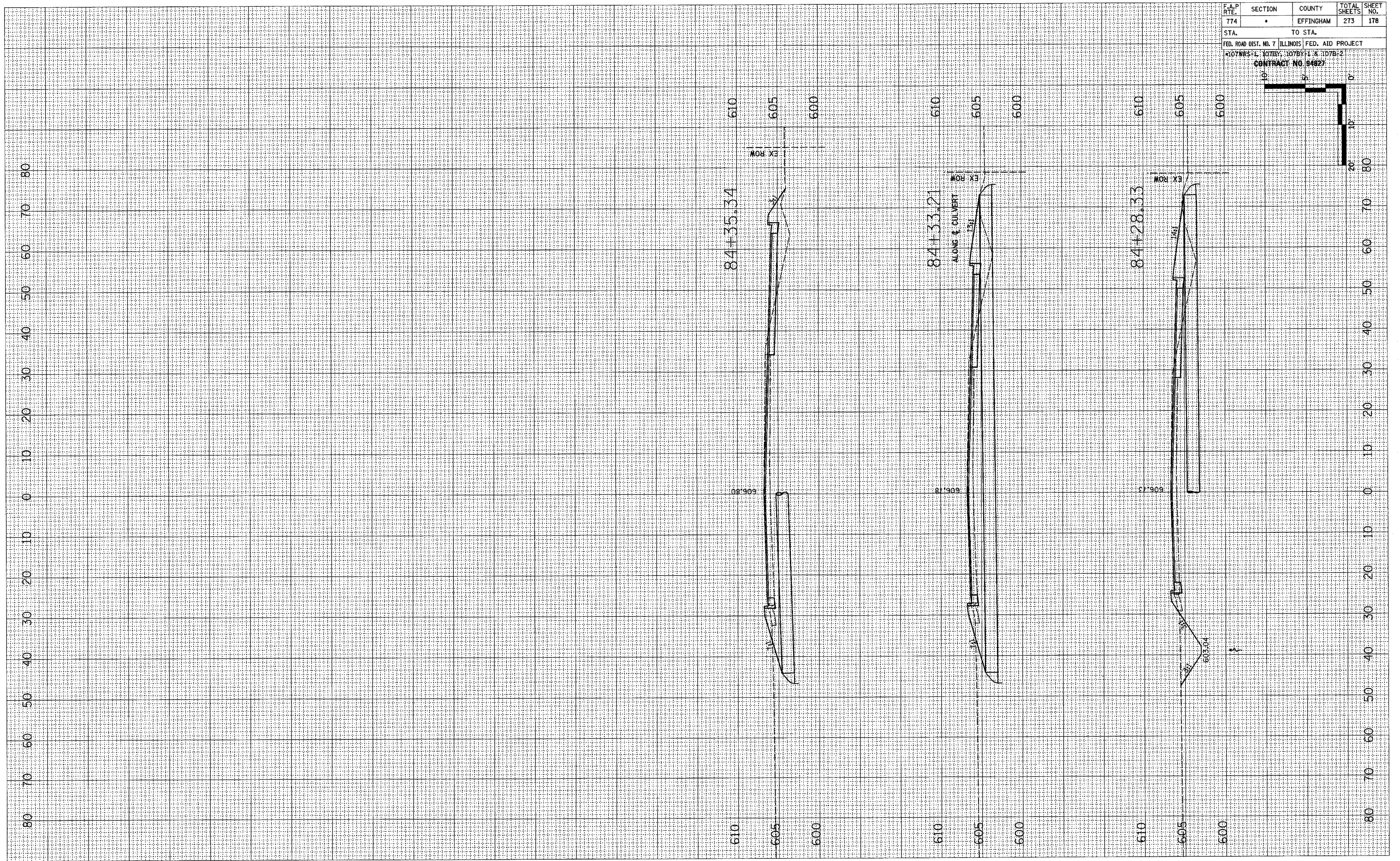
BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
	DATE
	AREAS CHECKED



F.A.P. RTE. 774	SECTION •	COUNTY EFFINGHAM	TOTAL SHEETS 213	SHEET NO. 178
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
*107WRS-1, 107BY, 107BY-1 & 107B-2				
CONTRACT NO. 94827				

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

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

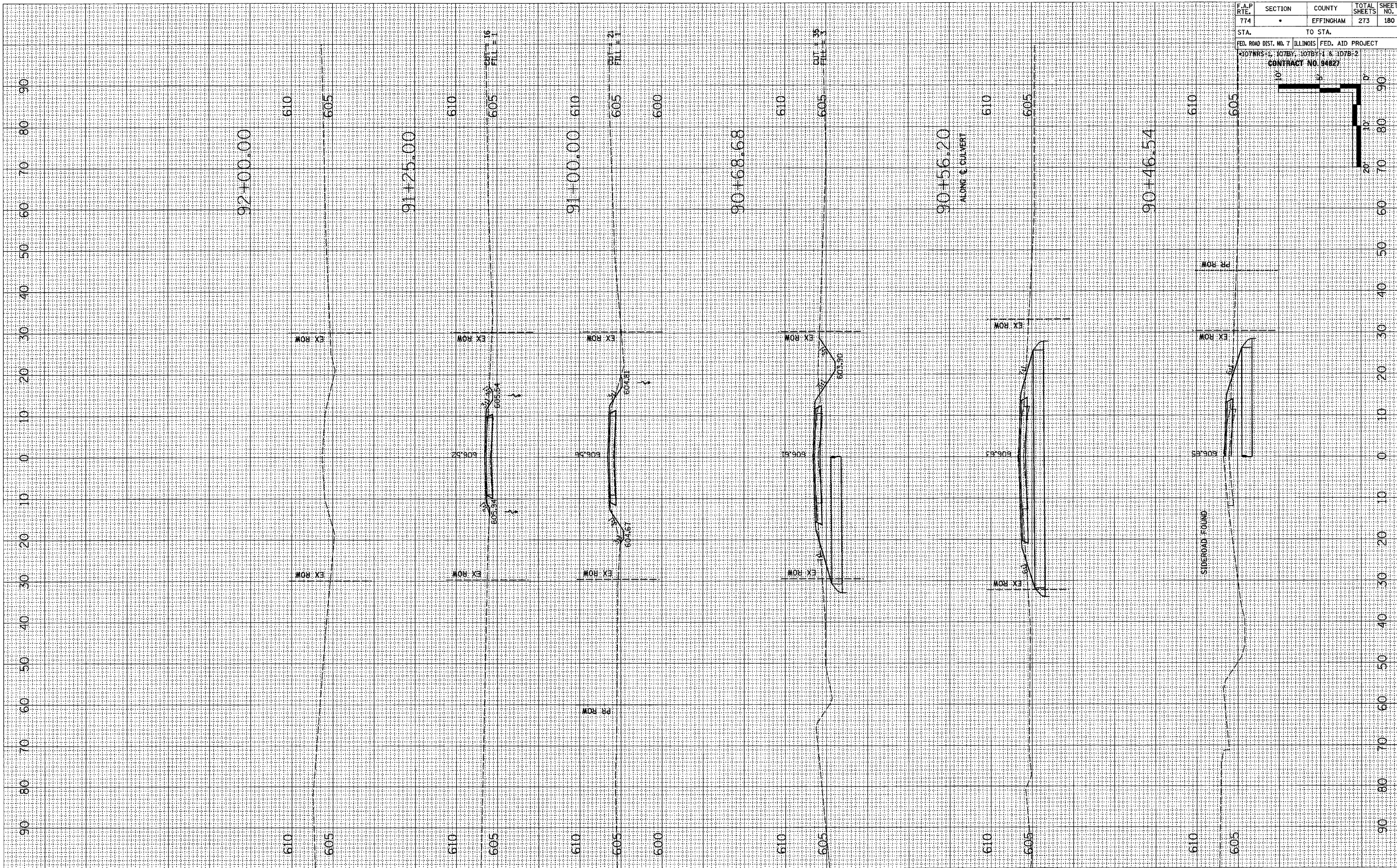


NAZARENE ROAD

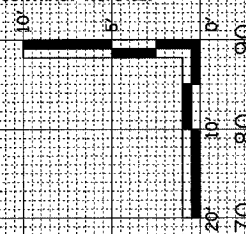
Vertical Curves Prepared by: B. S. 11/20/88, P. 11/21/88

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

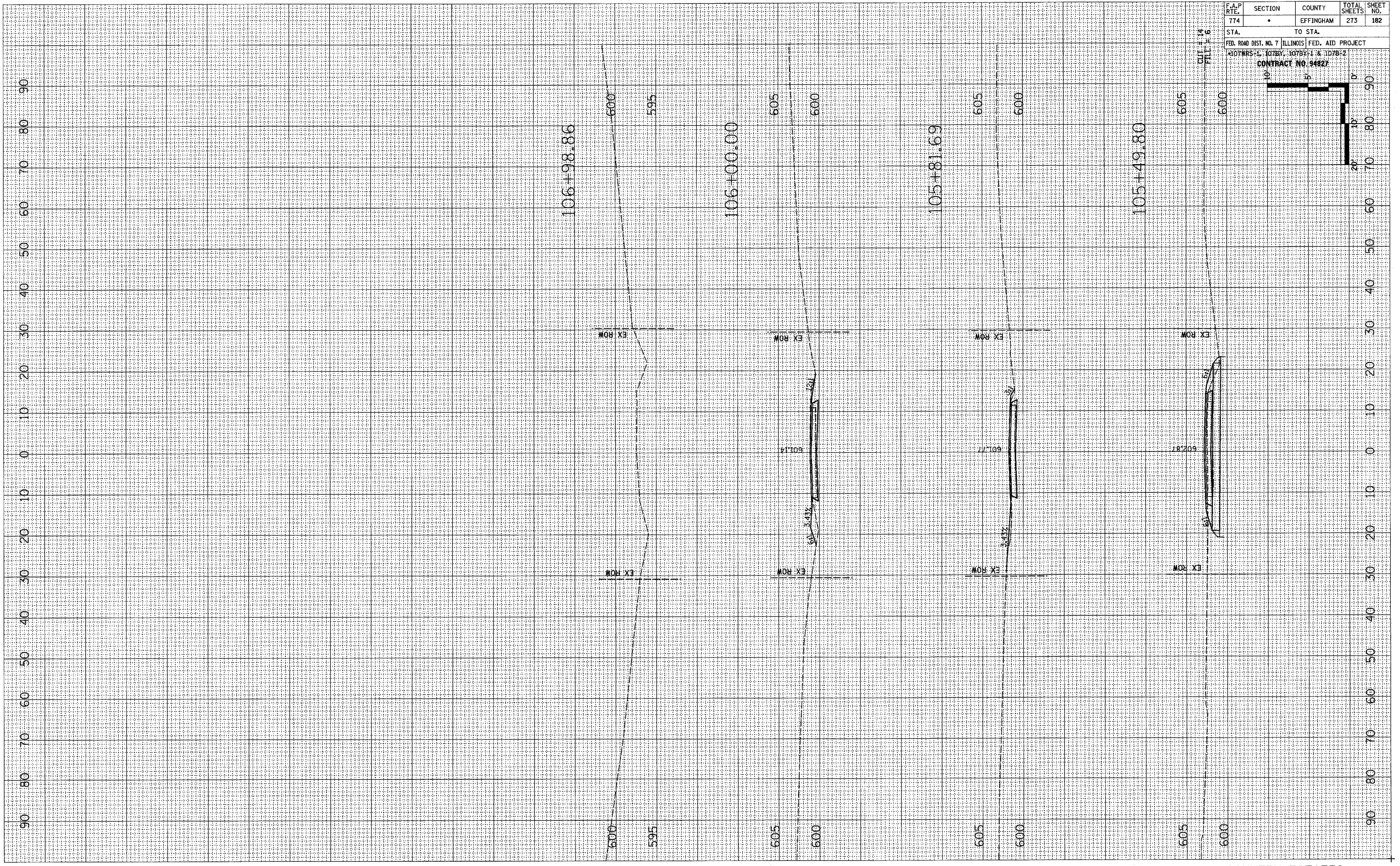


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774		EFFINGHAM	273	180
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		
107WRS-1, 107BY-1 & 107B-2		CONTRACT NO. 94827		

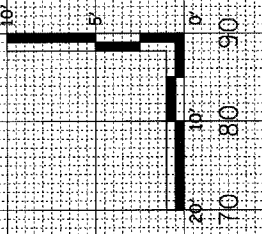


FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

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



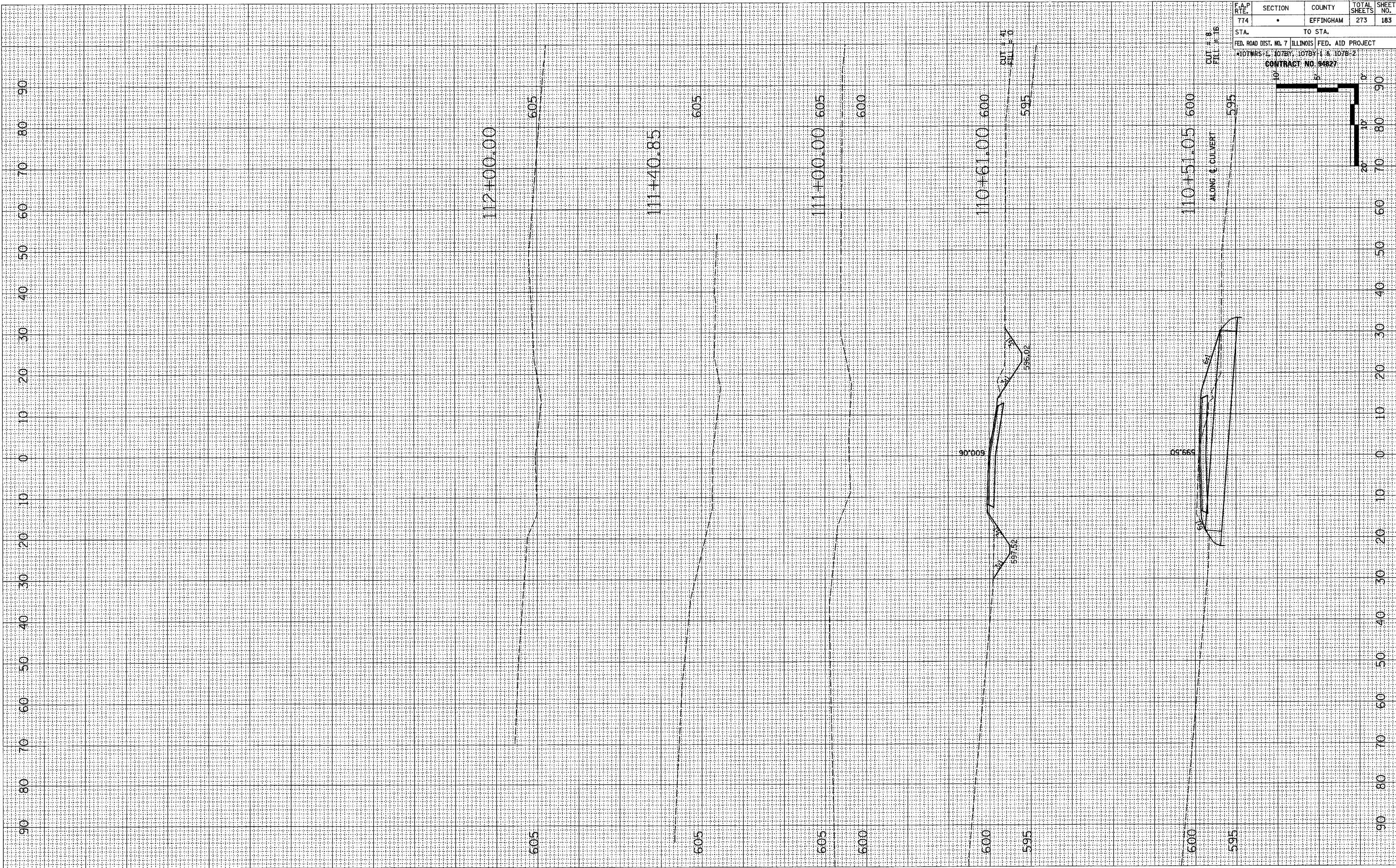
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	•	EFFINGHAM	273	182
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
107WRS-1, 107BY, 107BY-1 & 107B-2				
CONTRACT NO. 94827				



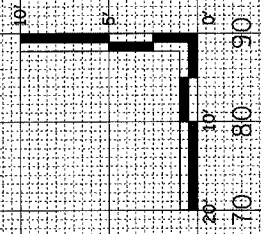
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FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	DATE		
	AREAS CHECKED		

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



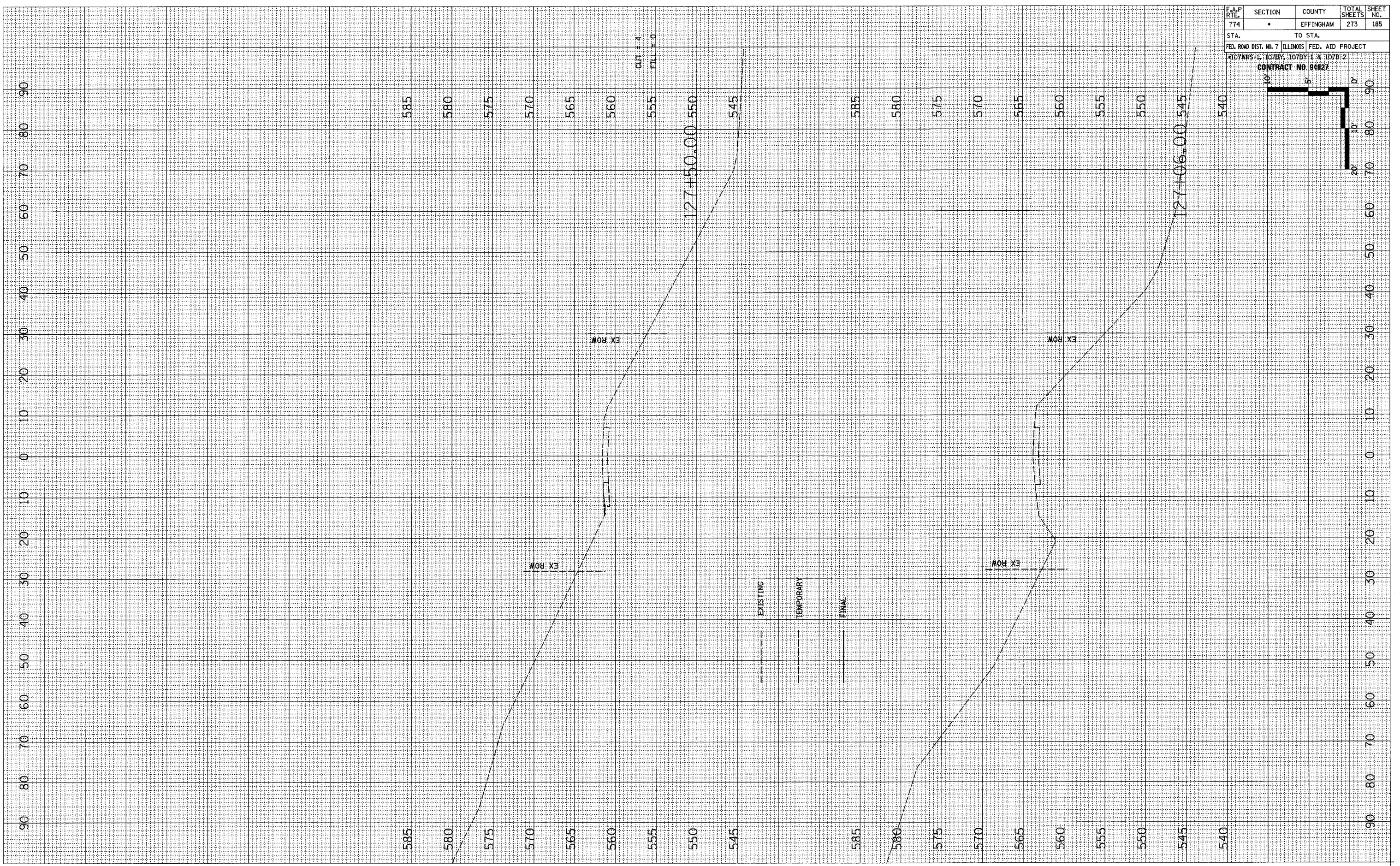
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774	.	EFFINGHAM	273	183
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
4107WRS-1, 107BY, 107BY-1 & 107B-2				
CONTRACT NO. 94827				



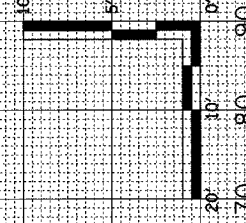
LEPRECHAUN LANE
EFFINGHAM COUNTY

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NOTE BOOK NO.	FLIPPED		
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NOTE BOOK NO.	FLIPPED		
	TEMPLATE		
	AREAS CHECKED		

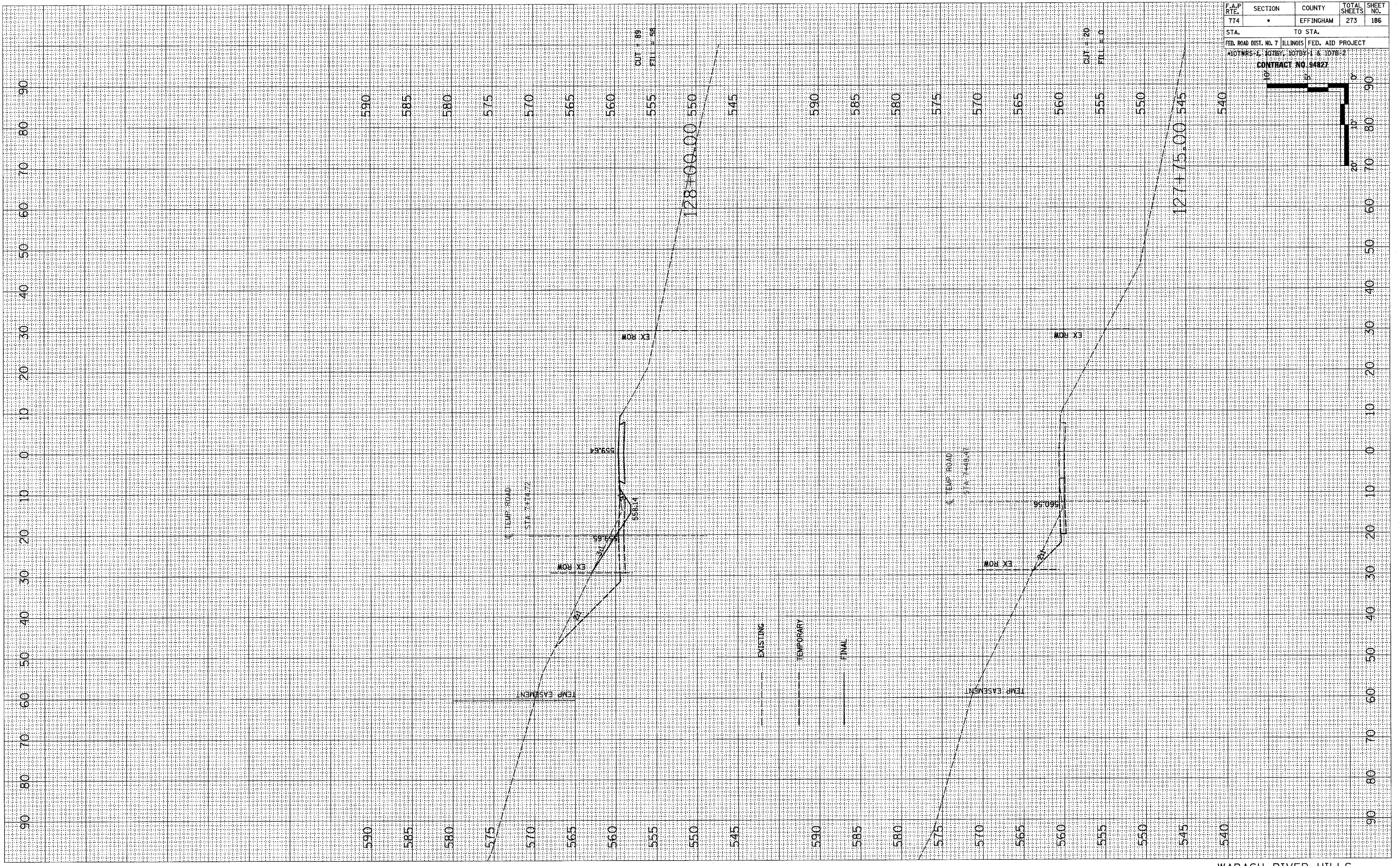


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774	*	EFFINGHAM	273	185
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
107WRS-1, 107BY, 107BY-1 & 107B-2				
CONTRACT NO 94827				

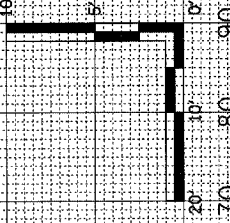


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	TEMPLATE		
	AREAS CHECKED		

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



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				

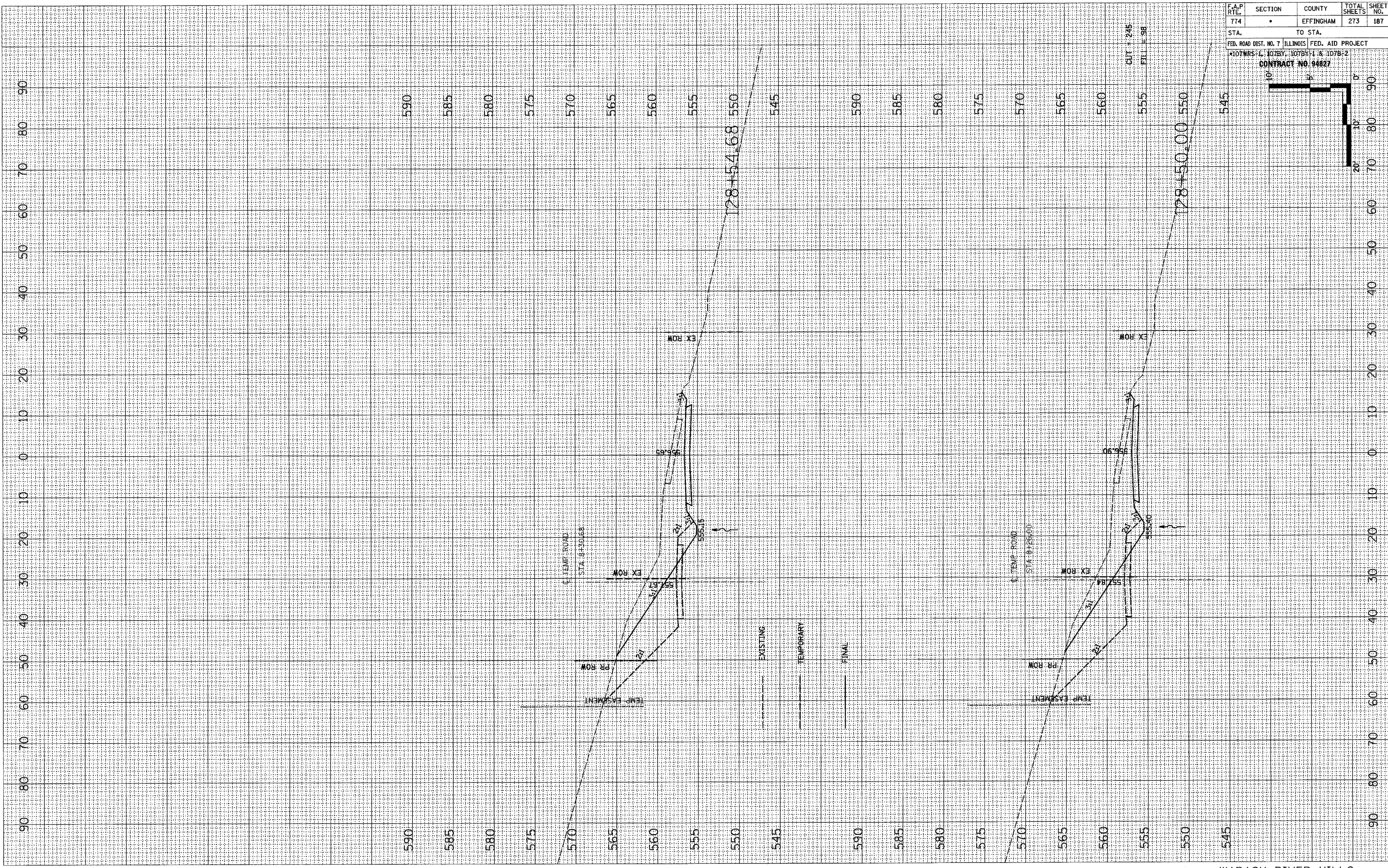


WABASH RIVER HILLS

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

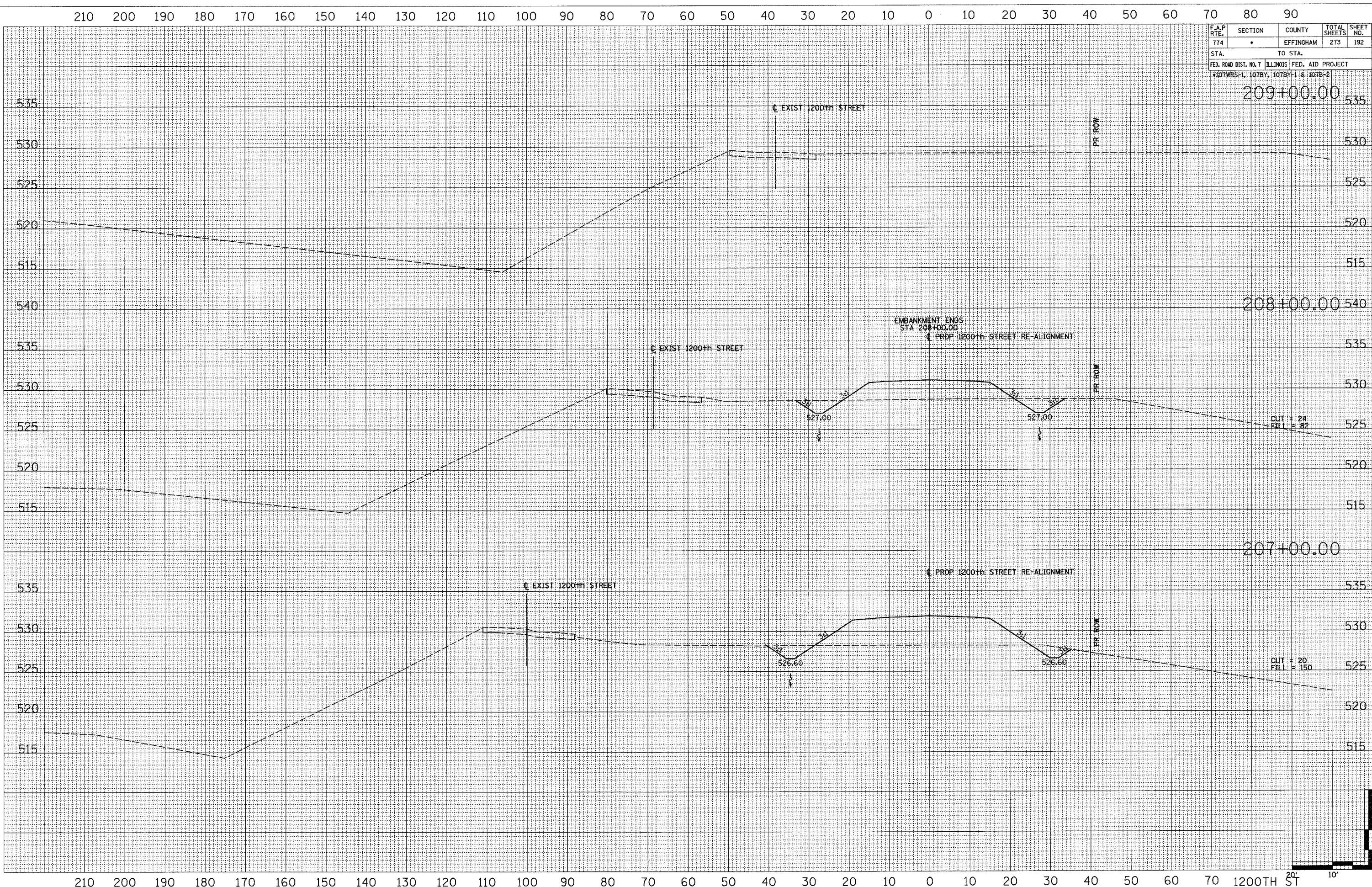
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NOTE BOOK NO.	PLOTTED		
AREAS CHECKED	DATE		



F.A.P. RITE.	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				

WABASH RIVER HILLS
EFFINGHAM COUNTY

F.A.P. RTE. 774	SECTION •	COUNTY EFFINGHAM	TOTAL SHEETS 273	SHEET NO. 192
STA. 209+00.00		TO STA. 207+00.00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT *107WRS-1, 107BY, 107BY-1 & 107B-2				

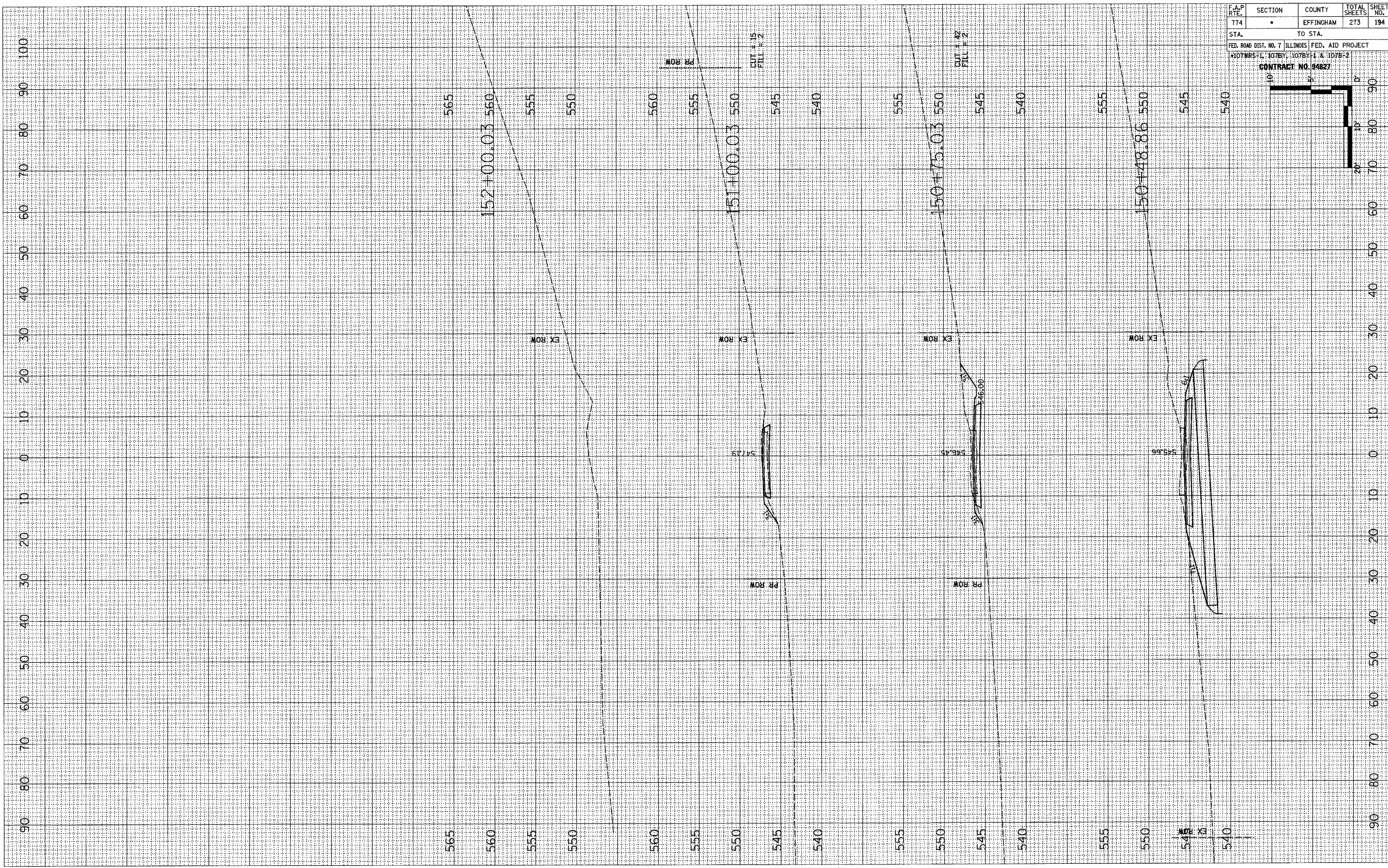


BY	DATE
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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

FINAL SURVEY PLOTTED
NOTE BOOK NO. _____
DATE _____

ORIGINAL SURVEY PLOTTED
NOTE BOOK NO. _____
DATE _____

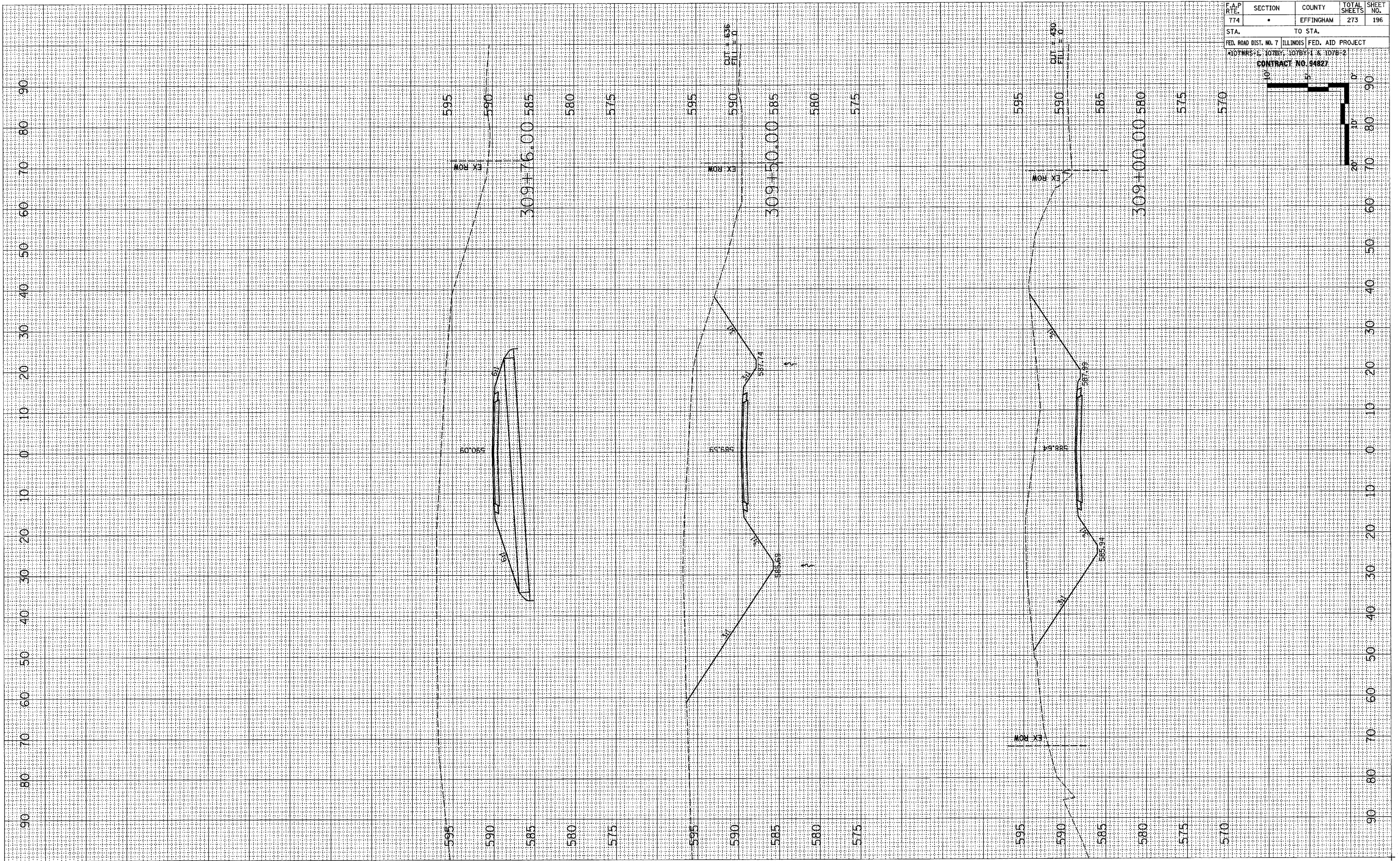


F.A.P. RTE. 774	SECTION •	COUNTY EFFINGHAM	TOTAL SHEETS 273	SHEET NO. 194
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		
107WRS-1, 107BY, 107BY-1 & 107B-2		CONTRACT NO. 94827		

LAKE ROAD

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

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



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				

WOOD BIRD DRIVE

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