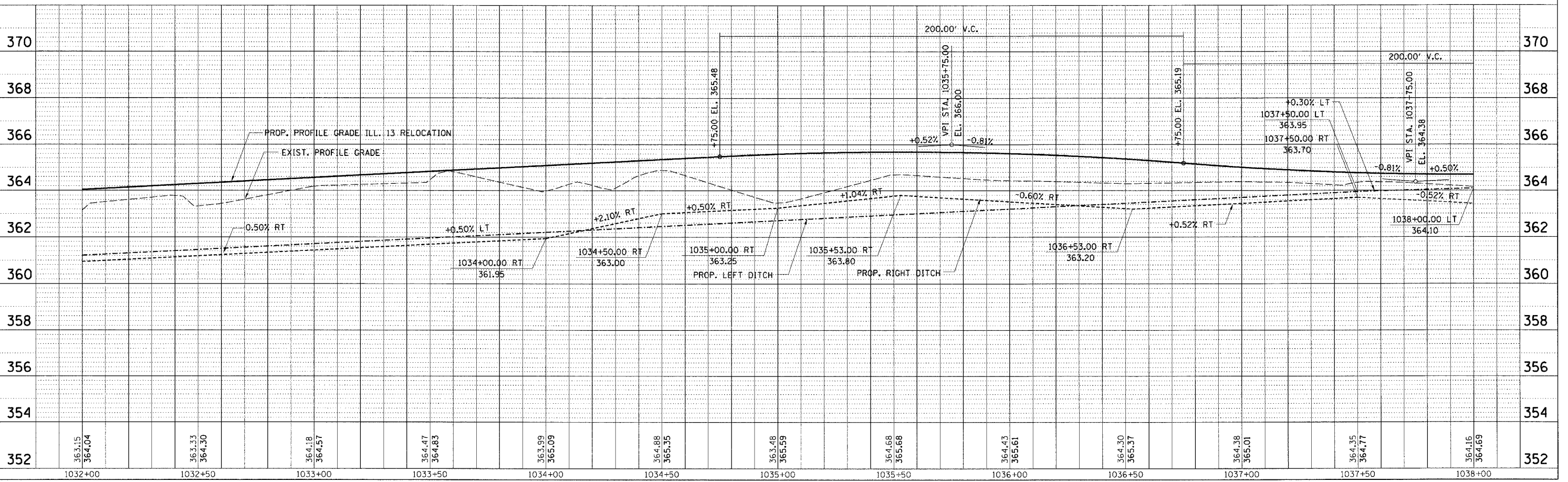
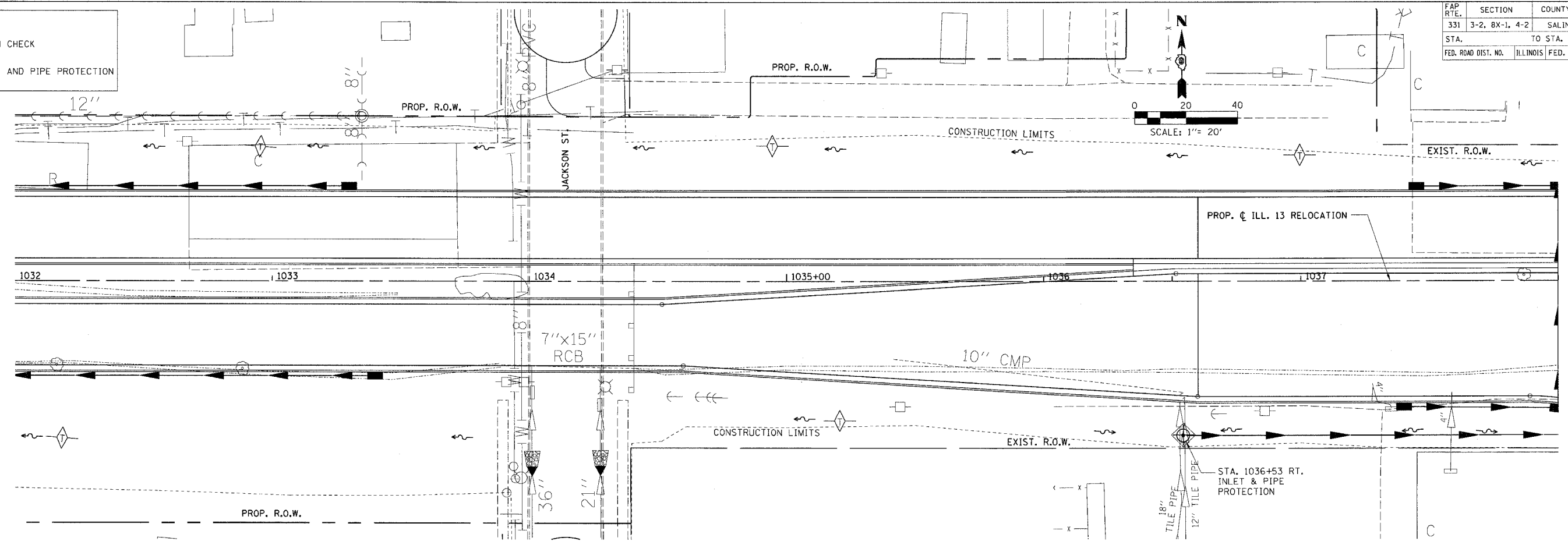


FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	101
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

LEGEND

	DITCH CHECK
	INLET AND PIPE PROTECTION



TEMPORARY EROSION CONTROL PLAN - STA. 1032 + 00.00 TO STA. 1038 + 00.00

Checked by: MAT
 Drawn by: BJA
 MZ/PROJECTS/PROJ3526/ROADWAY/COMMON/Reference Files
 10/9/2006 12:28:58 PM

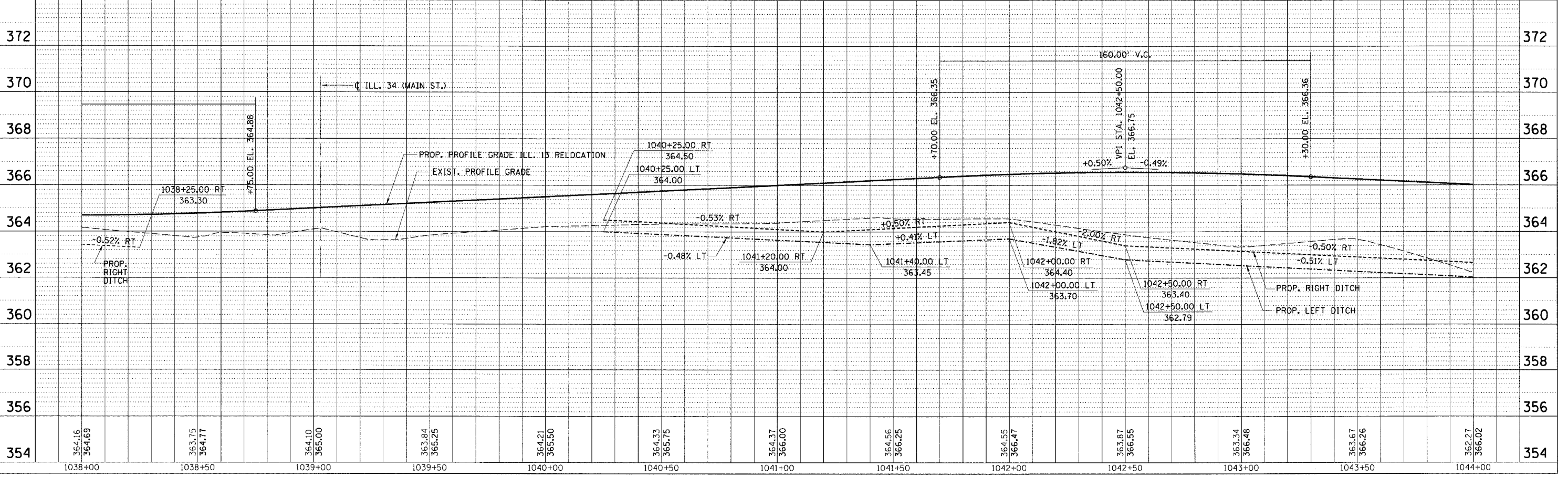
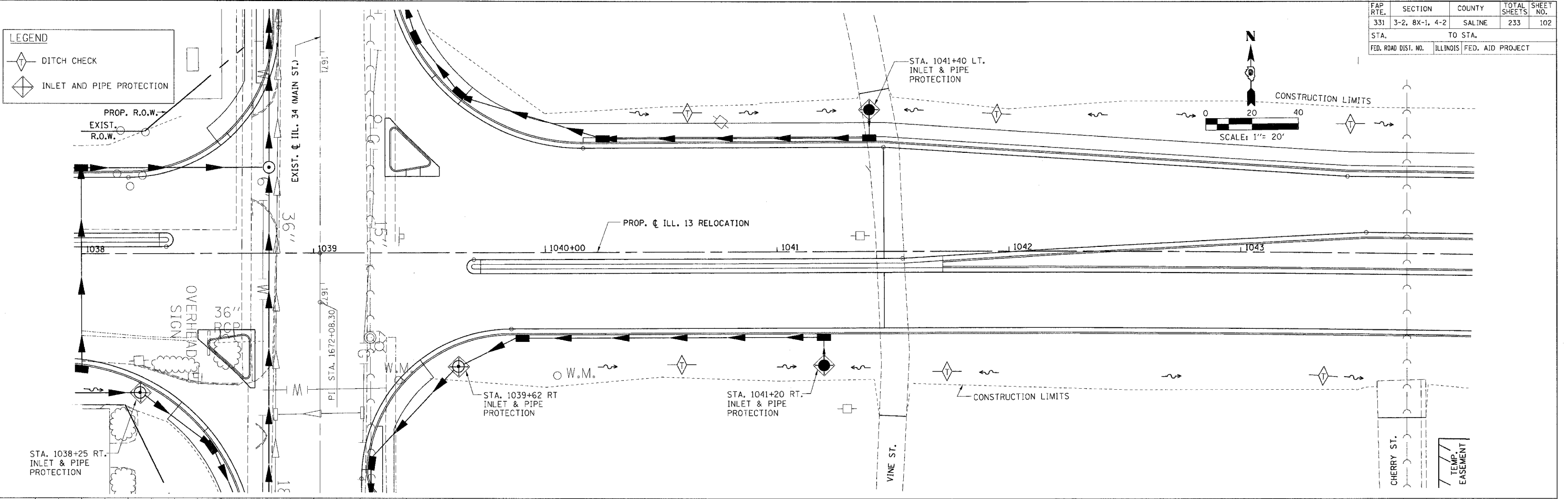
FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	102
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

LEGEND

- DITCH CHECK
- INLET AND PIPE PROTECTION

SCALE: 1" = 20'

CONSTRUCTION LIMITS



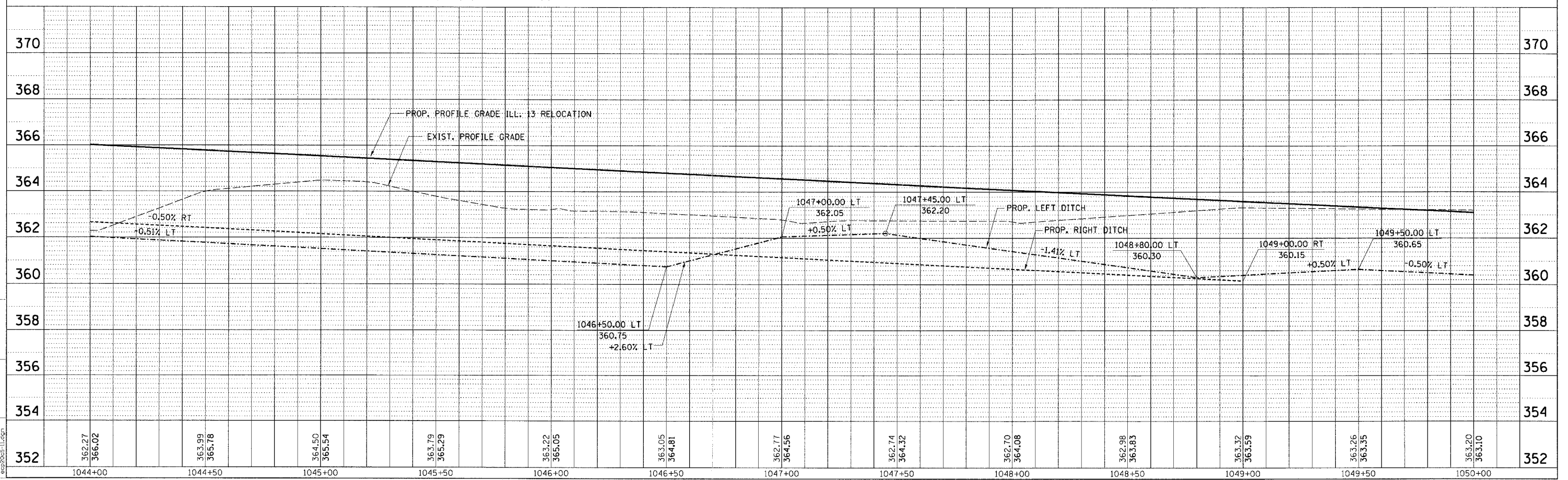
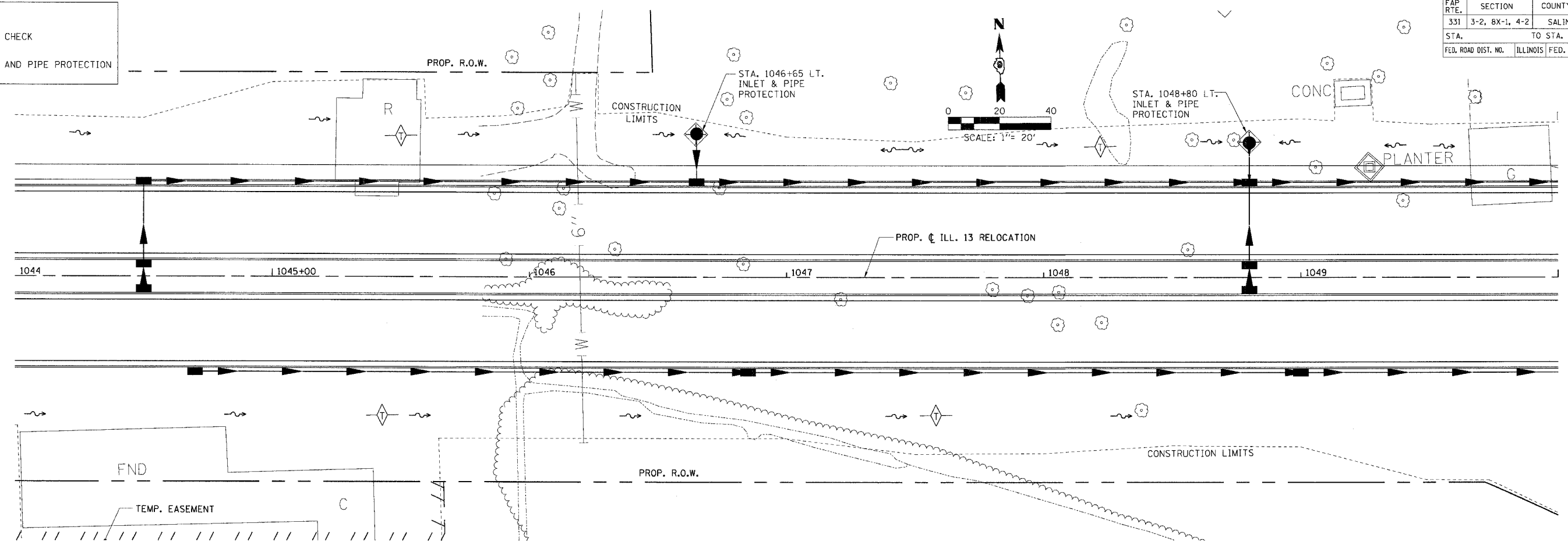
TEMPORARY EROSION CONTROL PLAN - STA. 1038 + 00.00 TO STA. 1044 + 00.00

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FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	103
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND

	DITCH CHECK
	INLET AND PIPE PROTECTION



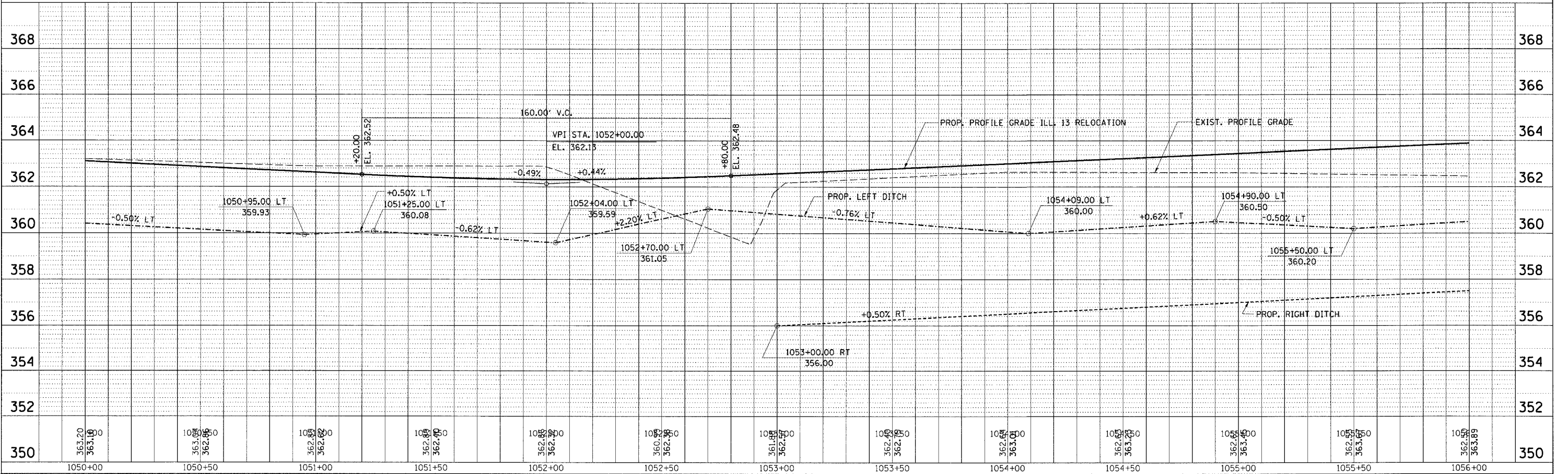
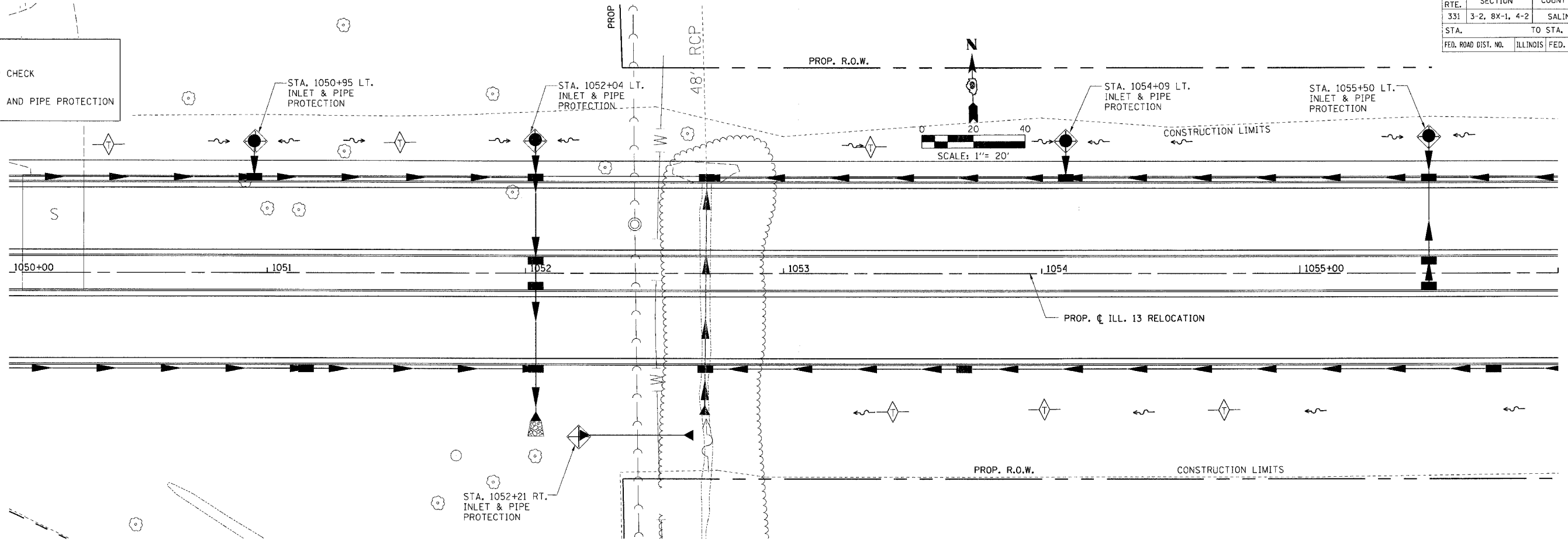
TEMPORARY EROSION CONTROL PLAN - STA. 1044 + 00.00 TO STA. 1050 + 00.00

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 CHECKED BY
 DRAWN BY

FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	104
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

LEGEND

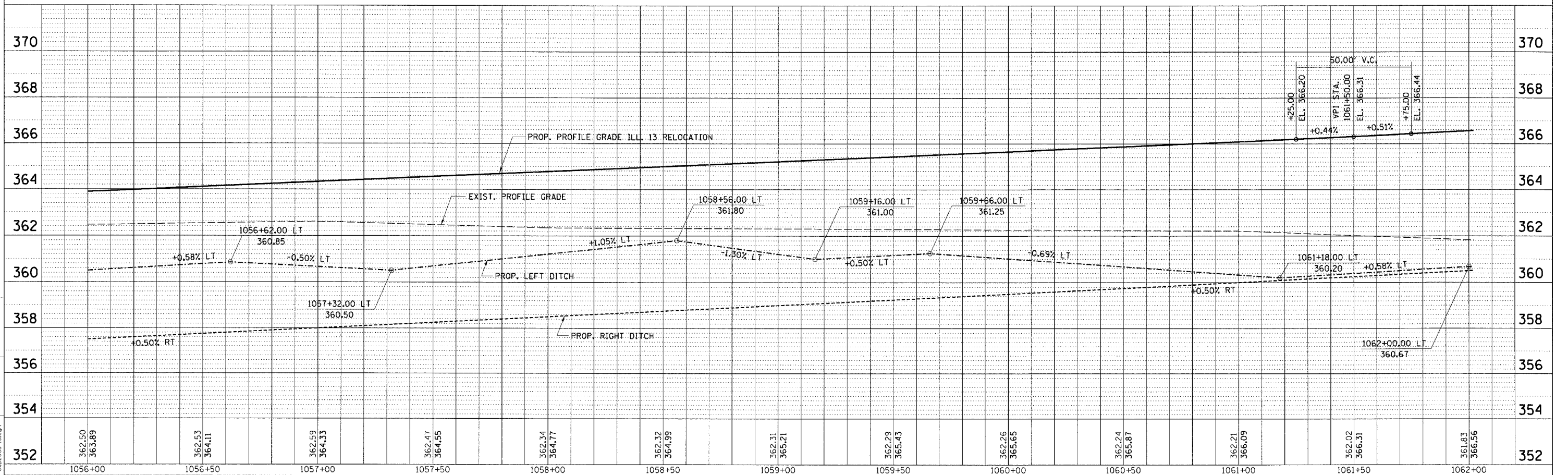
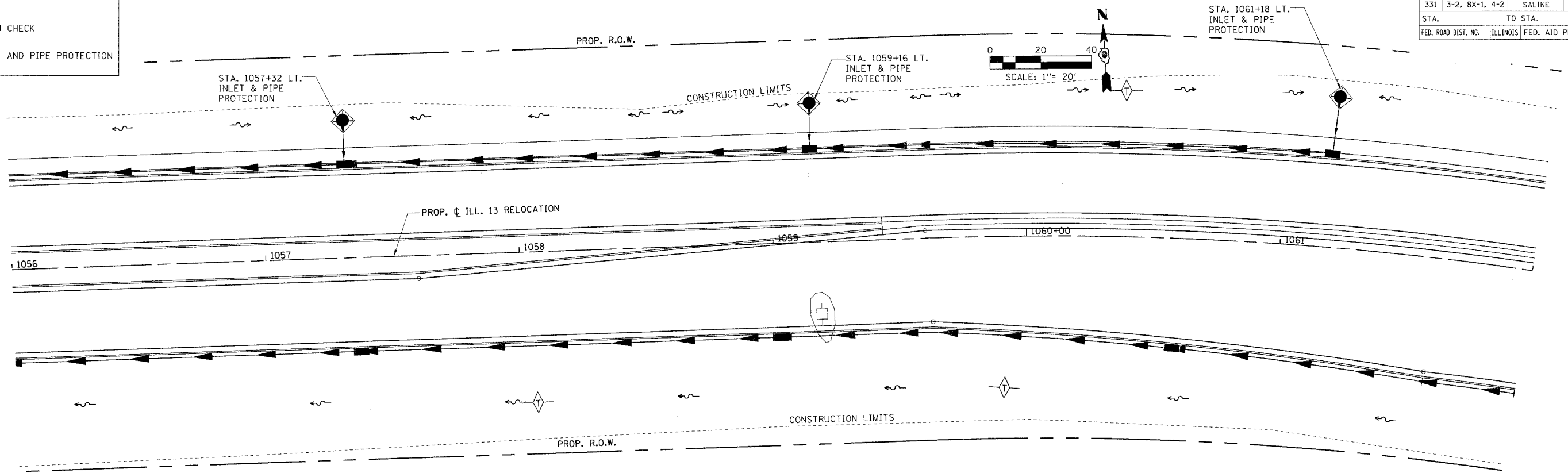
- DITCH CHECK
- INLET AND PIPE PROTECTION



TEMPORARY EROSION CONTROL PLAN - STA. 1050+00.00 TO STA. 1056+00.00

FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	105
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

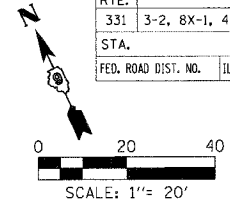
LEGEND	
	DITCH CHECK
	INLET AND PIPE PROTECTION



TEMPORARY EROSION CONTROL PLAN - STA. 1056+00.00 TO STA. 1062+00.00

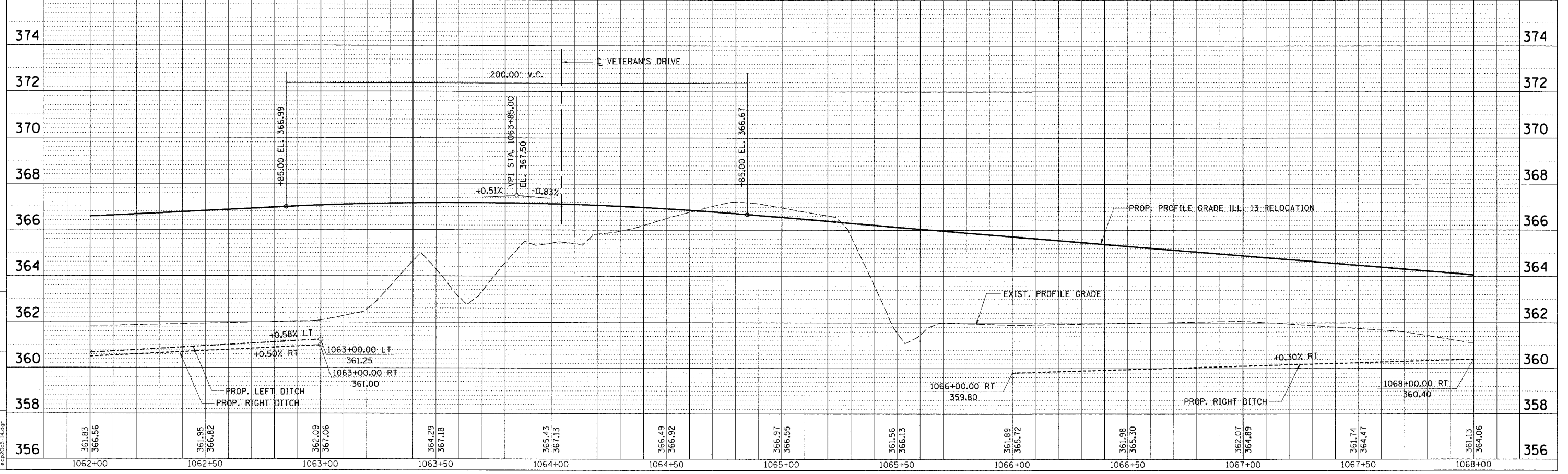
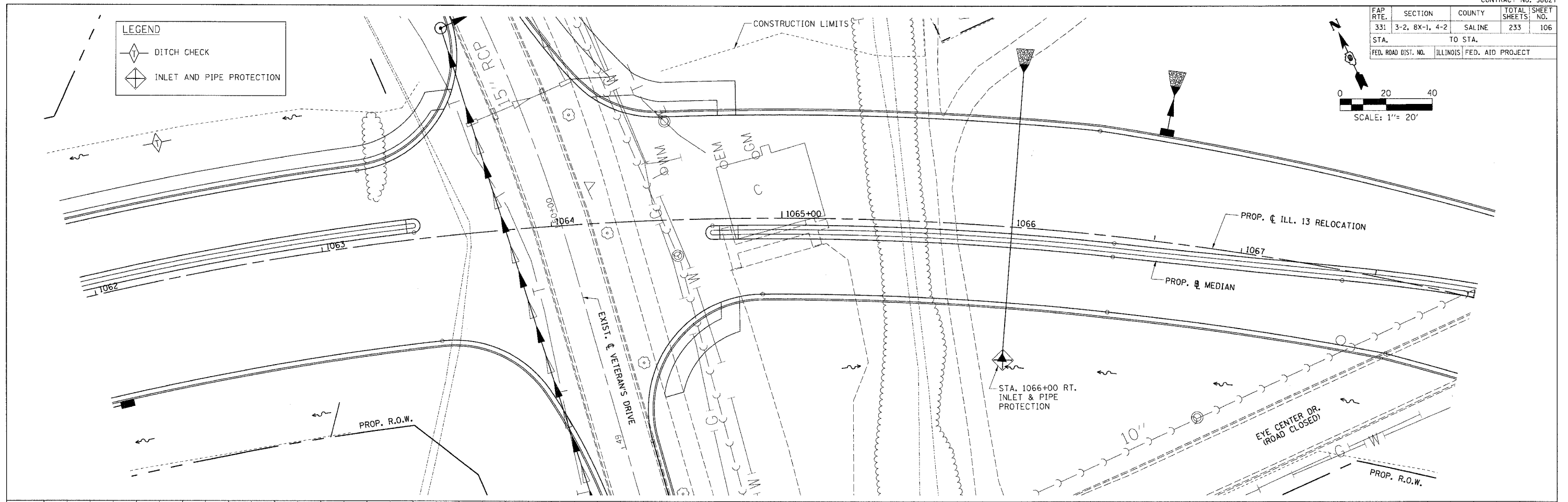
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FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	106
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



LEGEND

	DITCH CHECK
	INLET AND PIPE PROTECTION



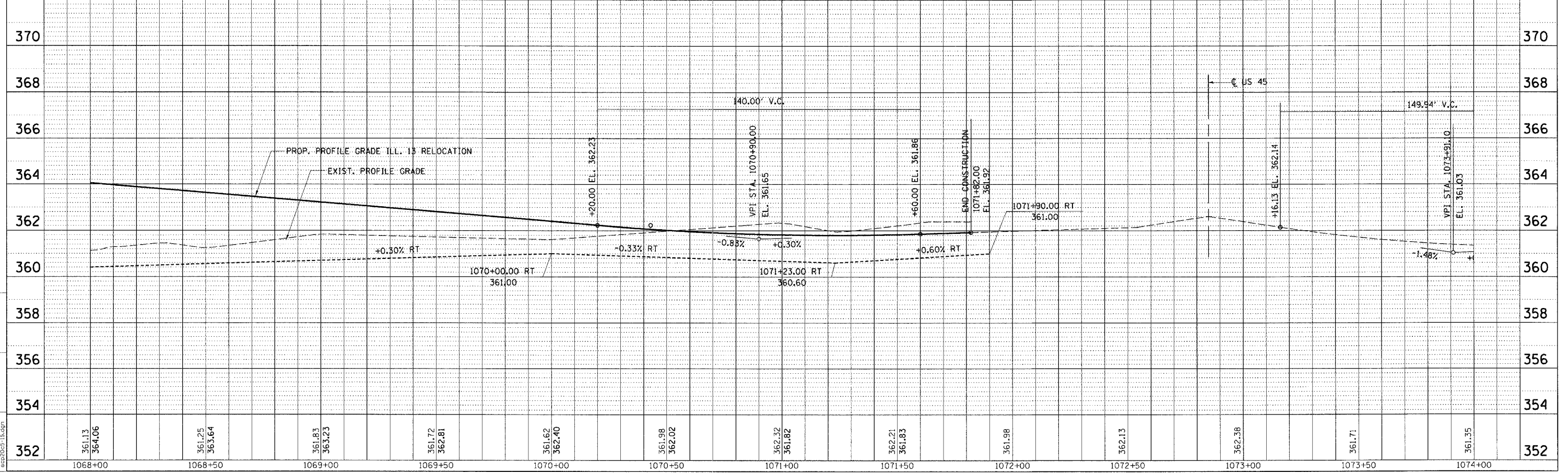
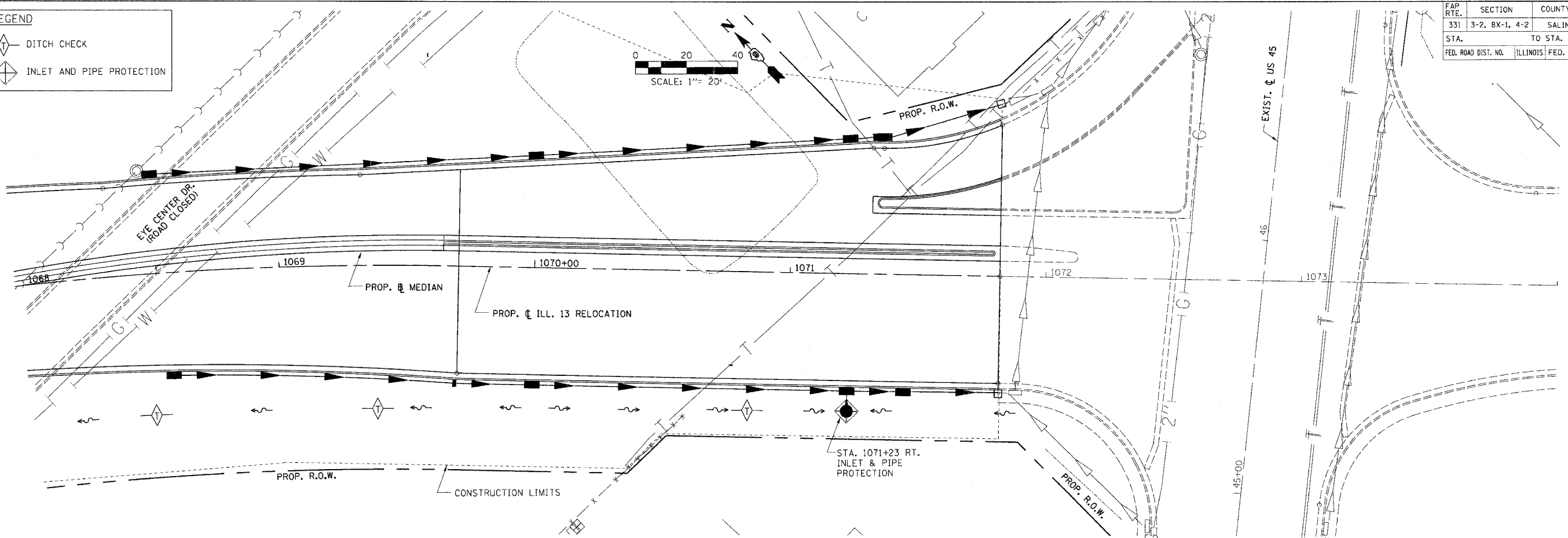
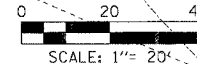
TEMPORARY EROSION CONTROL PLAN - STA. 1062 + 00.00 TO STA. 1068 + 00.00

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FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	107
STA. 331		TO STA. 332		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

LEGEND

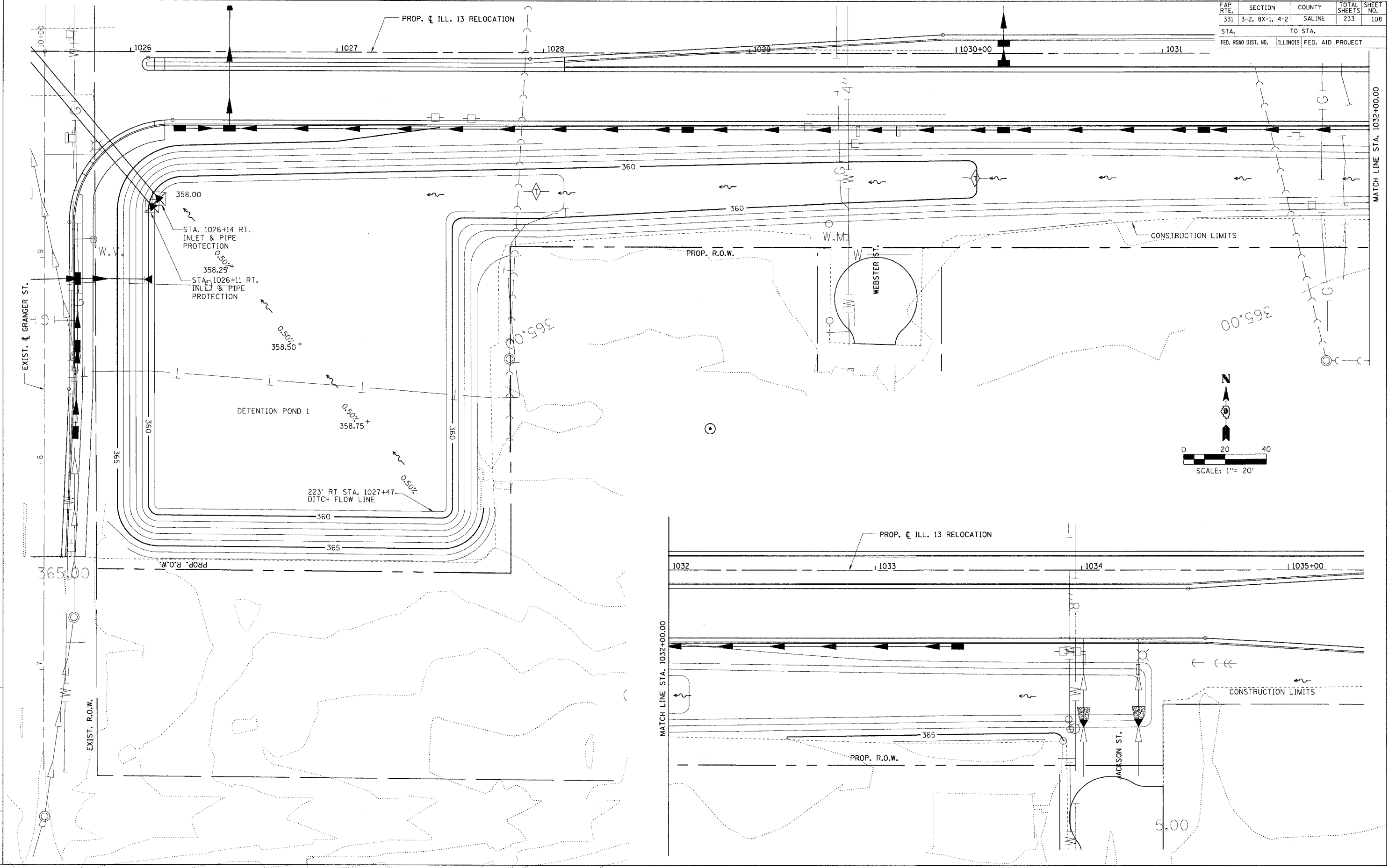
- DITCH CHECK
- INLET AND PIPE PROTECTION



TEMPORARY EROSION CONTROL PLAN - STA. 1068 + 00.00 TO STA. 1071 + 82.00

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 Act: [unclear]
 eq2005-15.dgn

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	108
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

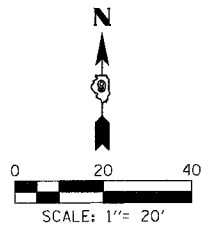
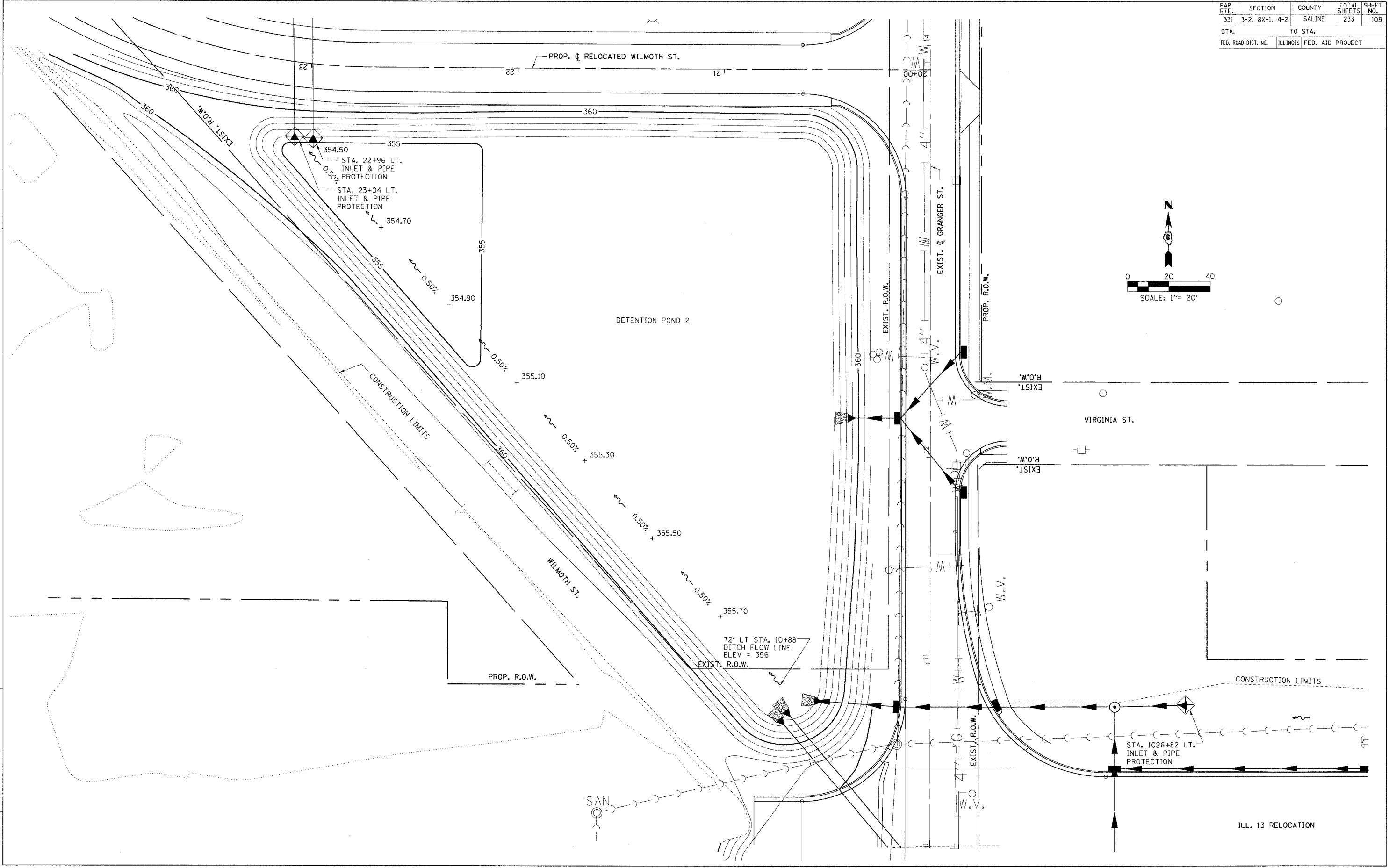


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PROJECTS/PROJ3526/ROADWAY/COMMON/
Reference Files:
ACT:

TEMPORARY EROSION CONTROL PLAN - DETENTION POND 1

FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	109
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

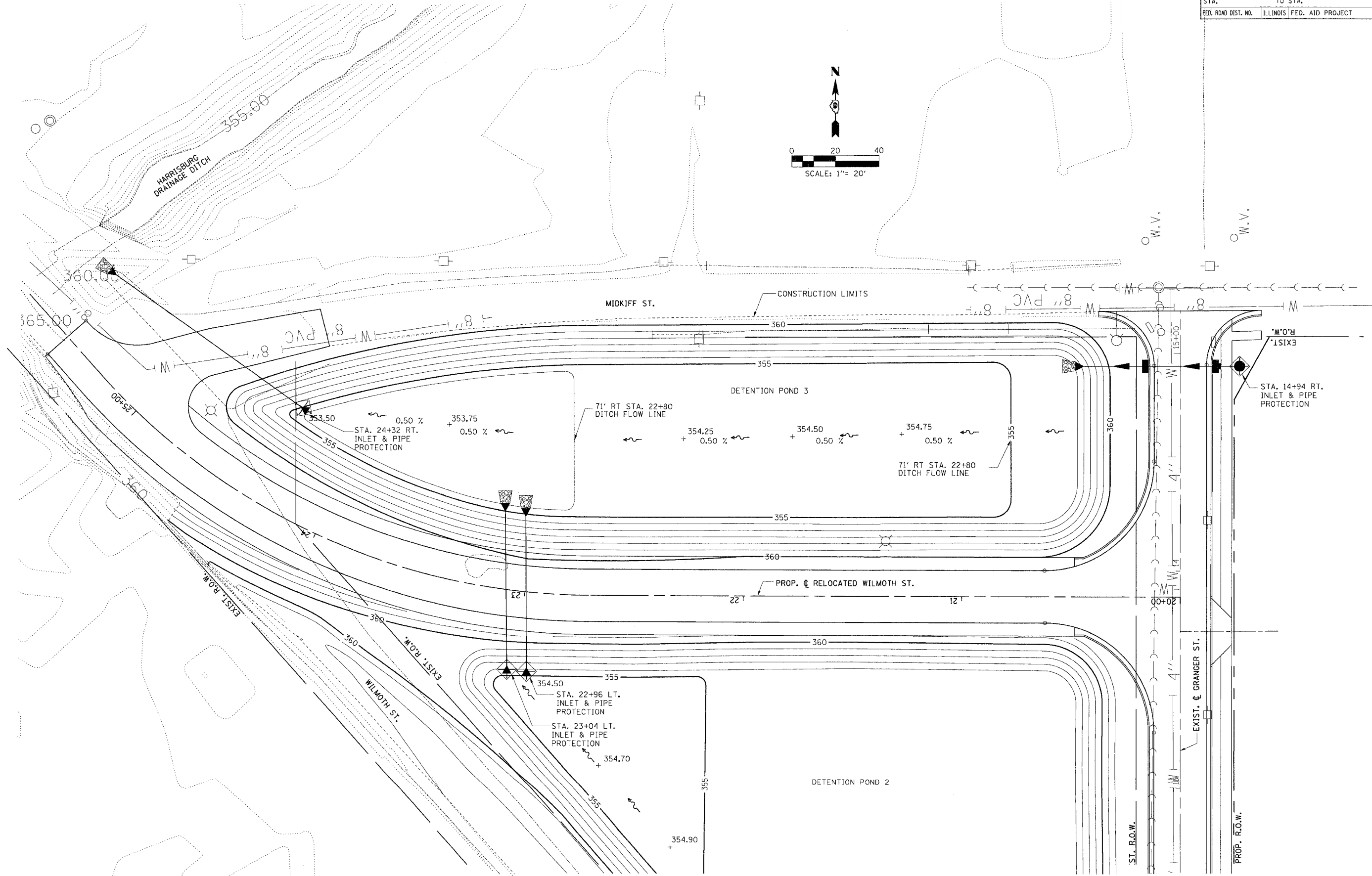


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ACT/
FILE
REFERENCE FILES

TEMPORARY EROSION CONTROL PLAN - DETENTION POND 2

FAP R.F.E. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	110
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

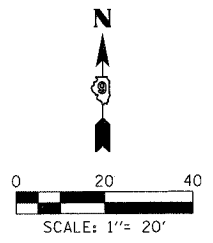
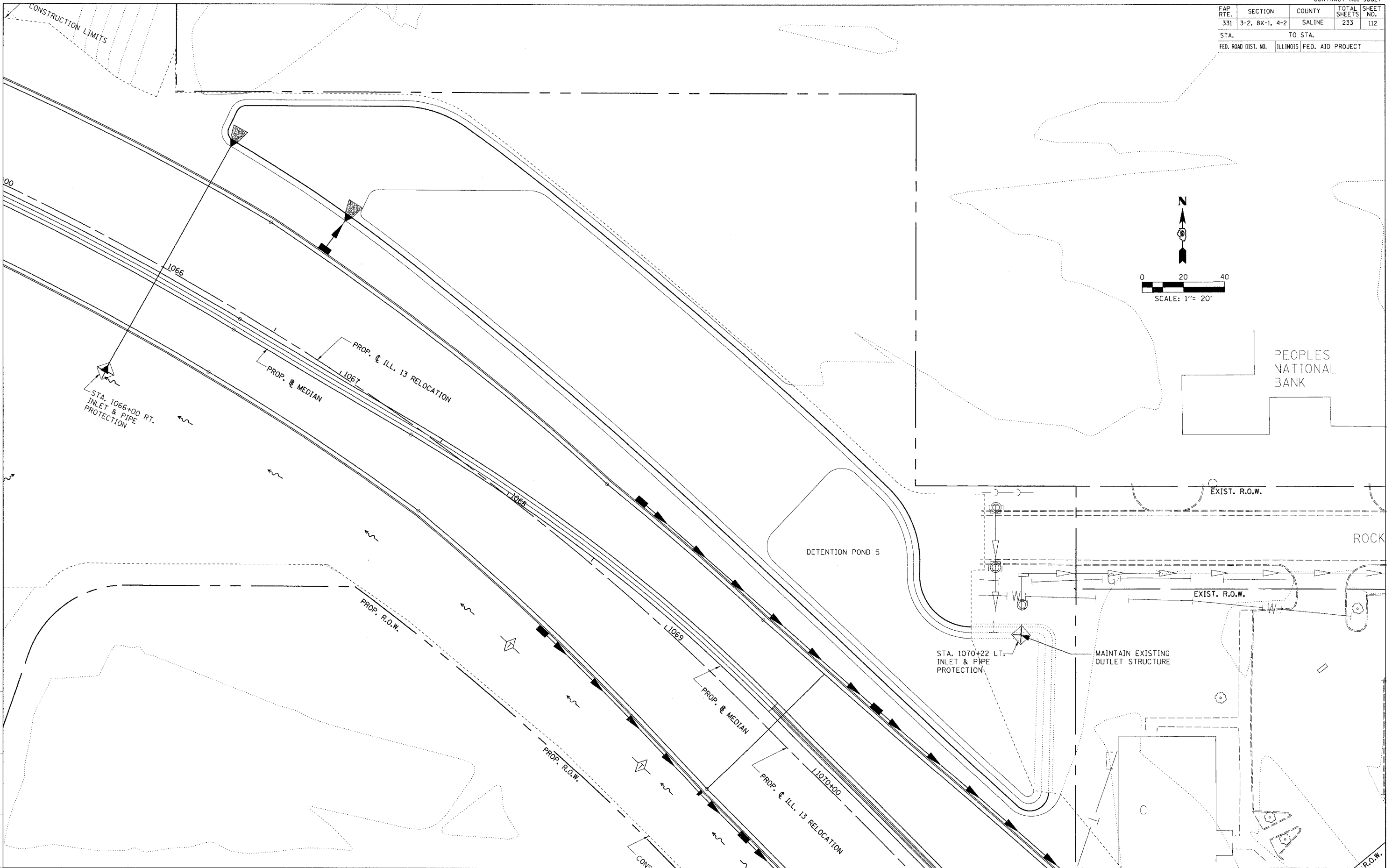


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PROJECTS/PROJECTS/ROADWAY/COMMON/	Reference Files
ACT1	Files

TEMPORARY EROSION CONTROL PLAN - DETENTION POND 3

FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	112
STA. TO STA.				
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	



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ACT. Files

TEMPORARY EROSION CONTROL PLAN - DETENTION POND 5

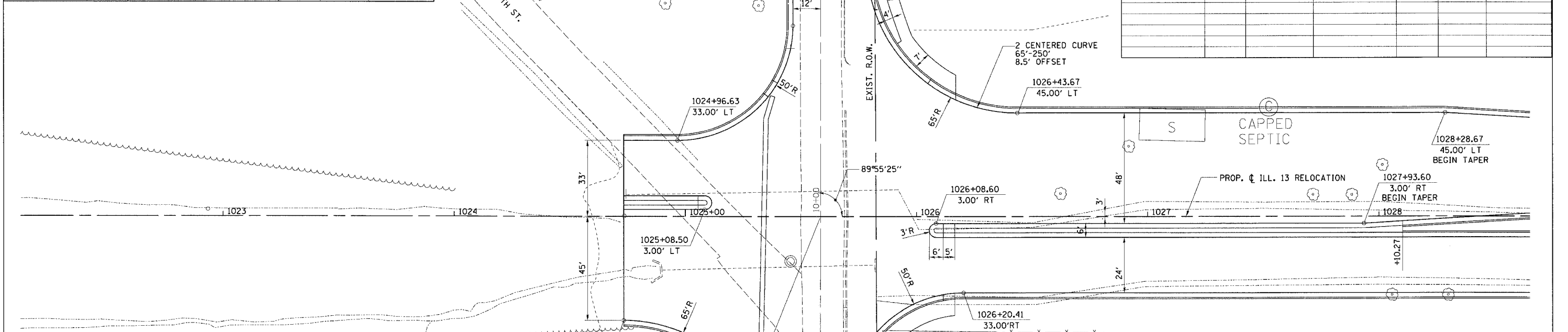
FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	113
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

NW PROP. ILL. 13 RELOCATION / EXIST. GRANGER ST.

STATIONING ALONG PROP. ILL. 13 RELOCATION	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG EXIST. GRANGER ST.	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET	GEOMETRIC DESCRIPTION
		364.90	10+82.92	12.00		PC
		365.20	10+72.98	13.00	10.00	
		365.60	10+63.45	15.95	10.00	
1025+37.86	54.01	366.00	10+54.69	20.73	10.00	
1025+31.42	47.09	366.20	10+47.05	27.16	10.00	
1025+23.59	40.89	366.35	10+40.84	34.98	10.00	
1025+14.69	36.37	366.55			10.00	
1025+05.07	33.72	366.68			10.00	
1025+96.63	33.00	366.77			8.47	PT

NE PROP. ILL. 13 RELOCATION / EXIST. GRANGER ST.

STATIONING ALONG PROP. ILL. 13 RELOCATION	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG EXIST. GRANGER ST.	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET	GEOMETRIC DESCRIPTION
1026+43.67	45.00	365.25				
1026+33.71	45.77	365.30			10.00	
1026+23.98	48.05	365.33			10.00	
1026+14.72	51.80	365.38			10.00	
1026+06.15	56.92	365.20	10+56.99	47.55	10.00	
1025+98.46	63.30	365.10	10+63.35	39.85	10.00	
1025+91.83	70.78	364.95	10+70.83	33.22	10.00	
		364.71	10+79.22	27.81	10.00	
		364.52	10+88.35	23.75	10.00	
		364.30	10+97.93	20.87	10.00	
		364.10	11+07.62	18.42	10.00	
		363.86	11+17.41	16.37	10.00	
		363.58	11+27.27	14.70	10.00	
		363.36	11+37.19	13.43	10.00	
		363.16	11+47.15	12.56	10.00	
		363.00	11+57.14	12.09	10.00	
		362.88	11+63.93	12.00	6.79	



SW PROP. ILL. 13 RELOCATION / EXIST. GRANGER ST.

STATIONING ALONG PROP. ILL. 13 RELOCATION	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG EXIST. GRANGER ST.	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET	GEOMETRIC DESCRIPTION
1024+73.38	45.00	366.66				
1024+83.34	45.77	366.56			10.00	
1024+93.06	48.05	366.43			10.00	
1025+02.32	51.80	366.30	9+48.12		10.00	
1025+10.90	56.92	366.10	9+43.01		10.00	
1025+18.59	63.30	365.60	9+36.65		10.00	
1025+25.21	70.78	365.45	9+29.17	33.22	10.00	
		365.25	9+20.78	27.81	10.00	
		365.00	9+11.65	23.75	10.00	
		364.80	9+02.07	20.87	10.00	
		364.70	8+92.38	18.42	10.00	
		364.65	8+82.59	16.37	10.00	
		364.60	8+72.73	14.70	10.00	
		364.64	8+62.81	13.43	10.00	
		365.65	8+52.85	12.56	10.00	
		364.68	8+42.86	12.09	10.00	
		364.70	8+36.07	12.00	6.79	

SE PROP. ILL. 13 RELOCATION / EXIST. GRANGER ST.

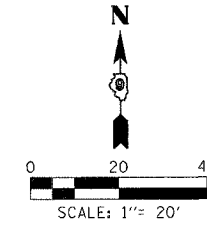
STATIONING ALONG PROP. ILL. 13 RELOCATION	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG EXIST. GRANGER ST.	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET	GEOMETRIC DESCRIPTION
		365.18	9+17.08	12.00		
		365.33	9+27.02	13.00	10.00	
		365.49	9+36.55	15.95	10.00	
1025+79.18	54.71	365.64	9+45.31		10.00	
1025+85.62	47.09	365.75	9+52.95		10.00	
1025+93.45	40.89	365.86	9+59.16		10.00	
1026+02.36	36.37	365.82			10.00	
1026+11.98	33.72	365.78			10.00	
1026+20.41	33.00	365.74			8.47	

GEOMETRICS - ILL. 13 RELOCATION / GRANGER ST.

FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	114
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

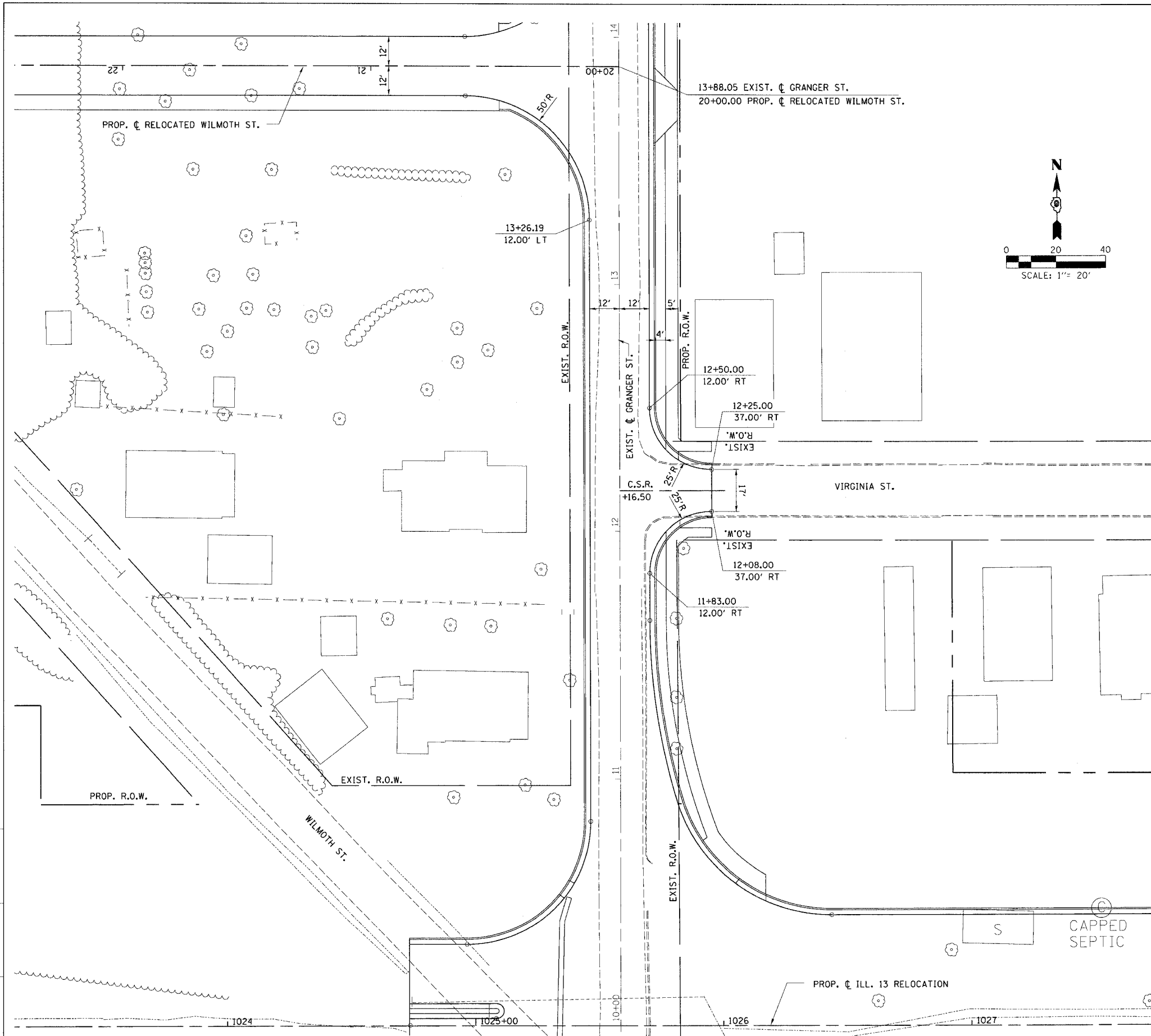
NE EXIST. GRANGER ST. / EXIST. VIRGINIA ST.

STATIONING ALONG EXIST. GRANGER ST.	OFFSET TO E.P.	EDGE OF PAV'T. ELEV.	STATIONING ALONG EXIST. VIRGINIA ST.	OFFSET TO E.P.	DISTANCE ALONG RADIUS	GEOMETRIC DESCRIPTION
	FEET	FEET		FEET		
12+50.00	12.00	362.61			0	PC
12+40.26	13.97	362.53			10.00	
12+32.07	19.58	362.41			10.00	
12+26.70	27.94	362.27			10.00	
12+25.00	37.00	362.13			9.00	PT



SE EXIST. GRANGER ST. / EXIST. VIRGINIA ST.

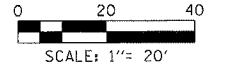
STATIONING ALONG EXIST. GRANGER ST.	OFFSET TO E.P.	EDGE OF PAV'T. ELEV.	STATIONING ALONG EXIST. VIRGINIA ST.	OFFSET TO E.P.	DISTANCE ALONG RADIUS	GEOMETRIC DESCRIPTION
	FEET	FEET		FEET		
11+83.00	12.00	362.68			0	PC
11+92.73	13.97	362.56			10.00	
12+00.93	19.58	362.43			10.00	
12+06.30	27.94	362.28			10.00	
12+08.00	37.00	362.14			9.00	PT



DRAWN BY
CHECKED BY

PROJECT NO.	PROJ. 3526
ROADWAY	ROADWAY
DATE	10/9/2006
SCALE	AS SHOWN
DRAWN BY	
CHECKED BY	

FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	115
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

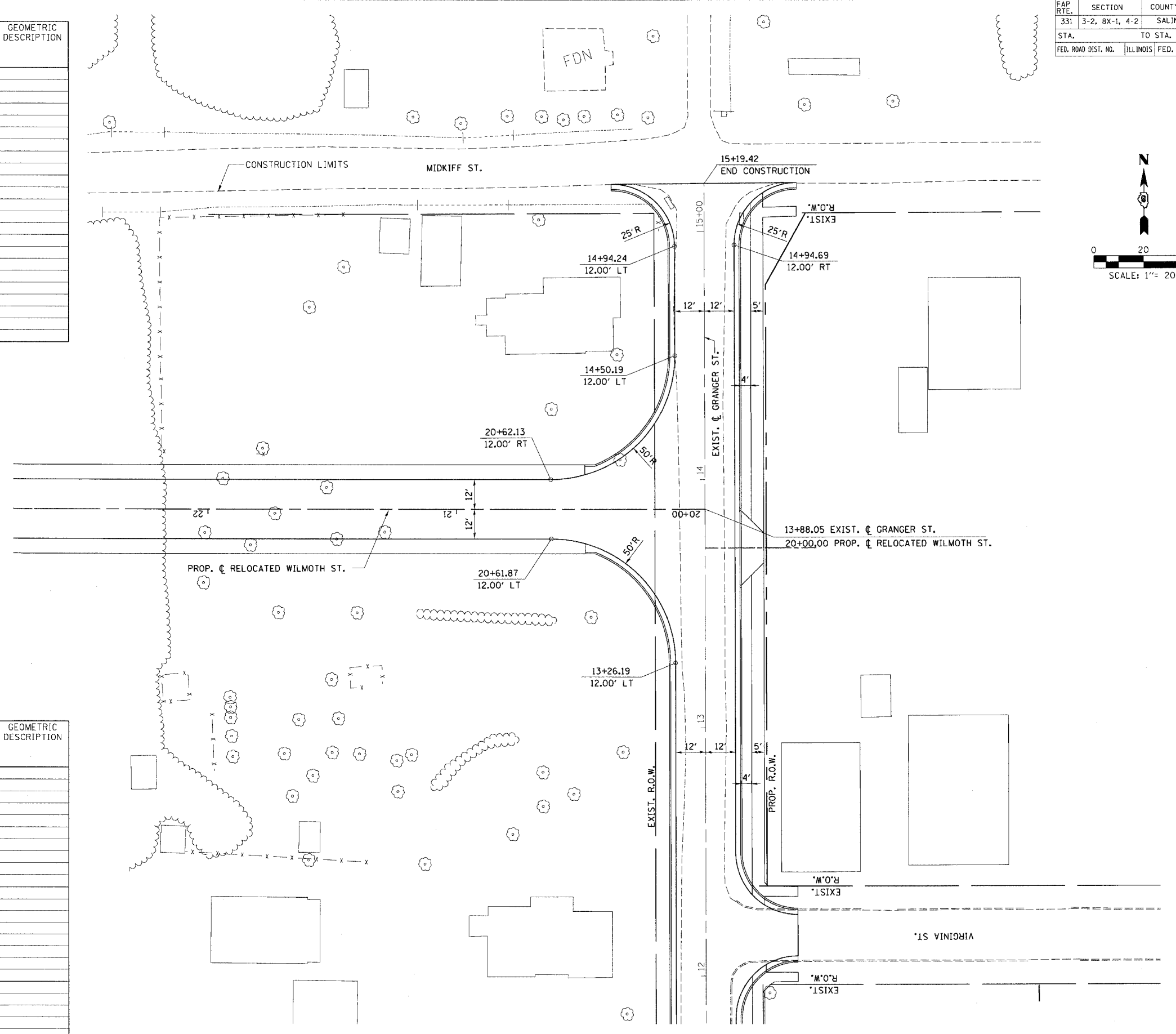


NW EXIST. GRANGER ST. / PROP. RELOCATED WILMOTH ST.

STATIONING ALONG EXIST. GRANGER ST.	OFFSET TO E.P.	EDGE OF PAV'T. ELEV.	STATIONING ALONG PROP. RELOCATED WILMOTH ST.	OFFSET TO E.P.	DISTANCE ALONG RADIUS	GEOMETRIC DESCRIPTION
	FEET	FEET		FEET	FEET	
14+50.19	12.00	362.37				
14+40.23	13.00	362.41			10.00	
14+30.68	15.95	362.43	20+20.81	33.85	10.00	
14+21.90	20.73	362.45	20+27.22	26.21	10.00	
		362.39	20+35.04	19.99	10.00	
		362.33	20+43.91	15.41	10.00	
		362.27	20+53.53	12.73	10.00	
		362.22	20+62.13	12.00	8.65	

SW EXIST. GRANGER ST. / PROP. RELOCATED WILMOTH ST.

STATIONING ALONG EXIST. GRANGER ST.	OFFSET TO E.P.	EDGE OF PAV'T. ELEV.	STATIONING ALONG PROP. RELOCATED WILMOTH ST.	OFFSET TO E.P.	DISTANCE ALONG RADIUS	GEOMETRIC DESCRIPTION
	FEET	FEET		FEET	FEET	
13+26.16	12.00	362.87				
13+36.10	12.98	362.85			10.00	
13+45.64	15.89	362.79			10.00	
13+54.37	20.71	362.69	20+20.64	33.68	10.00	
13+61.99	27.14	362.57	20+27.09	26.06	10.00	
		362.42	20+34.92	19.87	10.00	
		362.32	20+43.83	15.37	10.00	
		362.27	20+53.44	12.66	10.00	
		362.22	20+61.87	12.00	8.46	



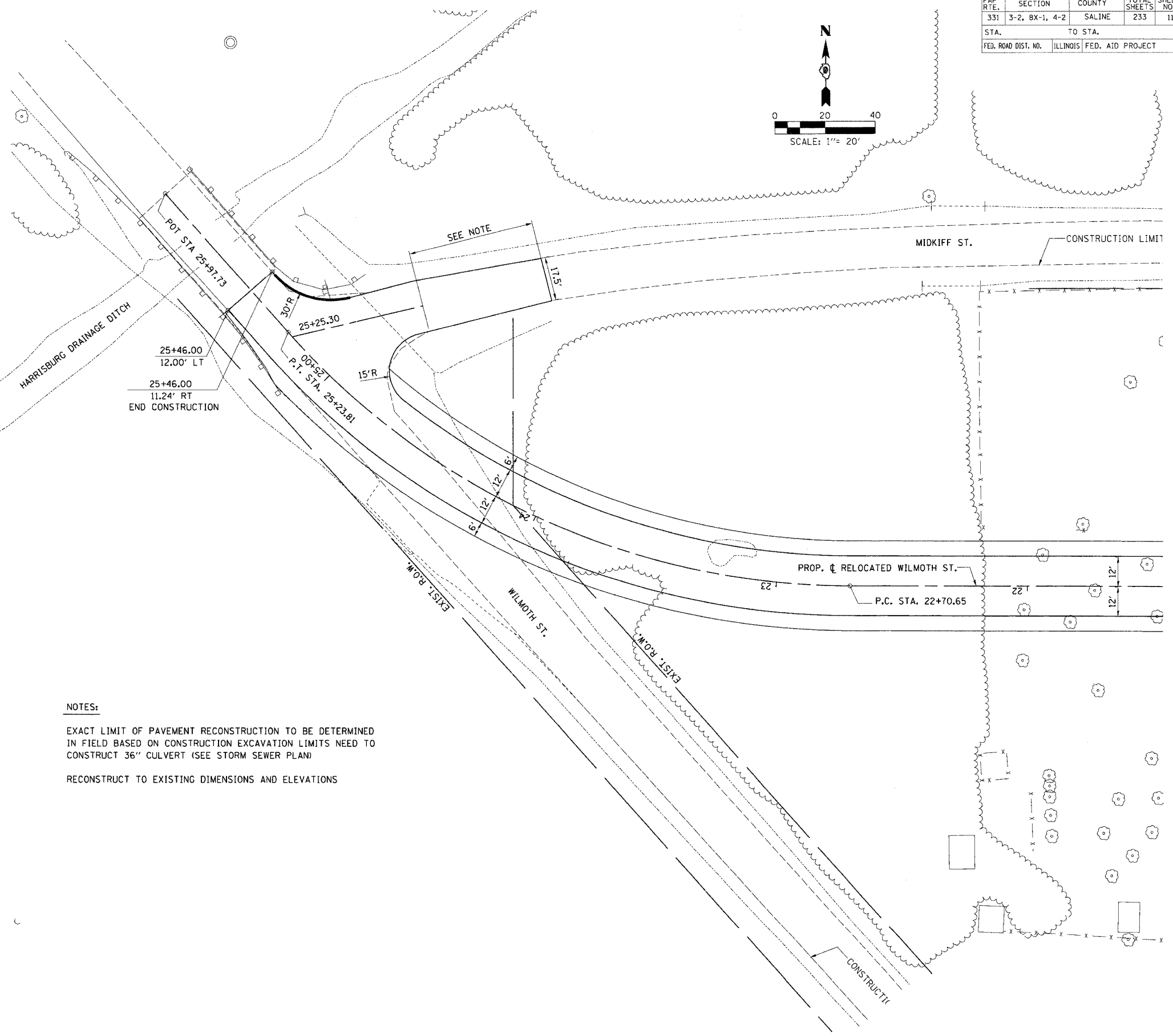
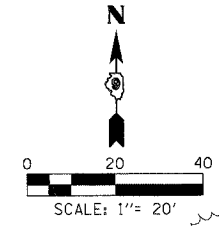
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FAP RTEL	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	116
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

NE PROP. RELOCATED WILMOTH ST. / EXIST. MIDKIFF ST.

STATIONING ALONG PROP. RELOCATED WILMOTH ST.	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG EXIST. MIDKIFF ST.	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET	GEOMETRIC DESCRIPTION
25+44.68	11.24	364.85				
25+34.86	12.84	364.70	0+04.95	17.98	10.00	
25+26.14	17.65	364.52	0+13.29	12.54	10.00	
		364.33	0+22.95	10.14	10.00	
		364.27	0+26.05	9.99	3.12	



SE PROP. RELOCATED WILMOTH ST. / EXIST. MIDKIFF ST.

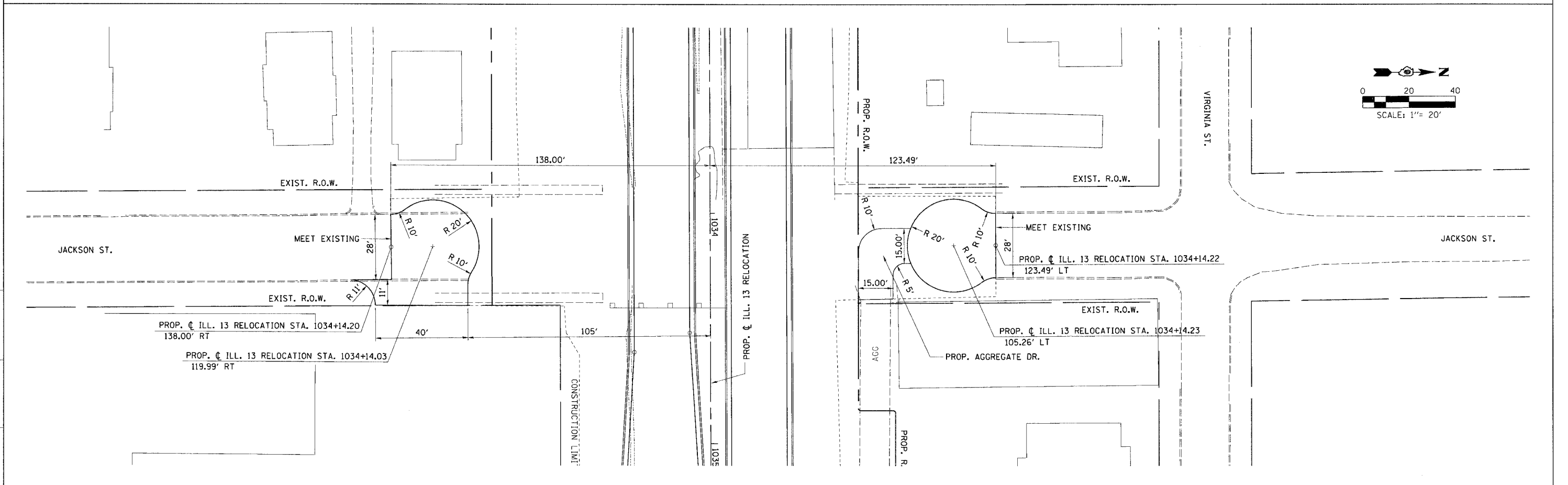
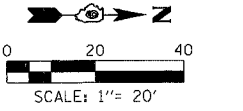
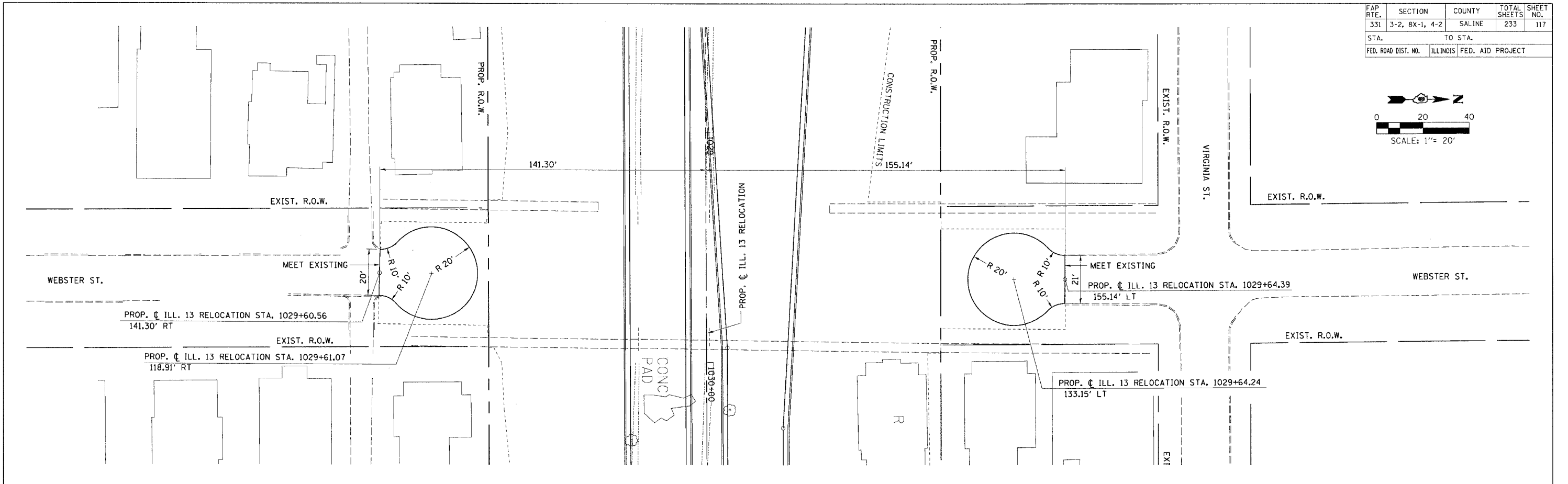
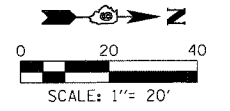
STATIONING ALONG PROP. RELOCATED WILMOTH ST.	OFFSET TO E.P. FEET	EDGE OF PAV'T. ELEV. FEET	STATIONING ALONG EXIST. MIDKIFF ST.	OFFSET TO E.P. FEET	DISTANCE ALONG RADIUS FEET	GEOMETRIC DESCRIPTION
24+70.62	12.00	363.87				
24+74.04	12.29	363.92			3.30	
24+83.00	17.24	363.96	0+34.35	22.38	10.00	
24+87.25	26.26	363.88	0+39.47	14.00	10.00	
		363.63	0+48.69	10.65	10.00	

NOTES:
 EXACT LIMIT OF PAVEMENT RECONSTRUCTION TO BE DETERMINED IN FIELD BASED ON CONSTRUCTION EXCAVATION LIMITS NEED TO CONSTRUCT 36" CULVERT (SEE STORM SEWER PLAN)
 RECONSTRUCT TO EXISTING DIMENSIONS AND ELEVATIONS

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FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	117
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



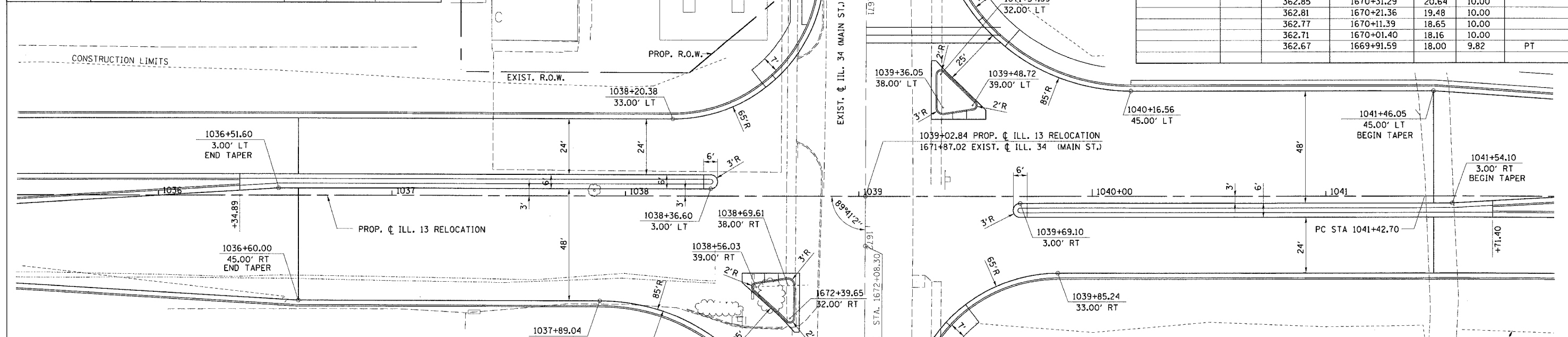
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ACT 117

FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	118
STA. TO STA.		ILLINOIS FED. AID PROJECT		

NW PROP. ILL. 13 RELOCATION / EXIST. ILL. 34 (MAIN ST.)						
STATIONING ALONG PROP. ILL. 13 RELOCATION	OFFSET TO E.P.	EDGE OF PAV'T. ELEV.	STATIONING ALONG EXIST. ILL. 34 (MAIN ST.)	OFFSET TO E.P.	DISTANCE ALONG RADIUS	GEOMETRIC DESCRIPTION
	FEET	FEET		FEET	FEET	
1038+20.38	33.00	364.28				PC
1028+30.34	33.77	364.24				
1038+40.26	36.05	364.20				
1038+49.32	39.80	364.16				
1038+57.90	44.92	364.06				
1038+65.59	51.30	363.95				
		363.85	1671+28.41	30.95	10.00	
		363.75	1671+19.97	25.60	10.00	
		363.65	1671+10.82	21.60	10.00	
		363.45	1671+01.16	19.06	10.00	
		363.36	1670+91.22	18.02	10.00	
		363.34	1670+89.48	18.00	1.74	PT

NE PROP. ILL. 13 RELOCATION / EXIST. ILL. 34 (MAIN ST.)						
STATIONING ALONG PROP. ILL. 13 RELOCATION	OFFSET TO E.P.	EDGE OF PAV'T. ELEV.	STATIONING ALONG EXIST. ILL. 34 (MAIN ST.)	OFFSET TO E.P.	DISTANCE ALONG RADIUS	GEOMETRIC DESCRIPTION
	FEET	FEET		FEET	FEET	
1040+16.56	45.00	364.87				PC
1040+06.58	45.59	364.78			10.00	
1039+96.74	47.34	364.71			10.00	
1039+87.17	50.24	364.54			10.00	
1039+78.02	54.24	364.47			10.00	
1039+69.39	59.29	364.14	1671+27.37	66.23	10.00	
1039+61.42	65.31	363.82	1671+21.39	58.22	10.00	
1039+54.20	72.23	363.47	1671+14.51	50.97	10.00	
1039+47.85	79.95	363.29	1671+06.82	44.58	10.00	
1039+42.45	88.36	363.20	1670+98.44	39.13	10.00	
1039+38.08	97.34	363.11	1670+89.48	34.70	10.00	
1039+35.37	104.83	363.05	1670+82.02	31.95	7.96	PCC
		363.03	1670+80.07	31.35	2.04	
		362.99	1670+70.47	28.56	10.00	
		362.94	1670+60.78	26.09	10.00	
		362.91	1670+51.01	23.94	10.00	
		362.88	1670+41.18	22.13	10.00	
		362.85	1670+31.29	20.64	10.00	
		362.81	1670+21.36	19.48	10.00	
		362.77	1670+11.39	18.65	10.00	
		362.71	1670+01.40	18.16	10.00	
		362.67	1669+91.59	18.00	9.82	PT



SW PROP. ILL. 13 RELOCATION / EXIST. ILL. 34 (MAIN ST.)						
STATIONING ALONG PROP. ILL. 13 RELOCATION	OFFSET TO E.P.	EDGE OF PAV'T. ELEV.	STATIONING ALONG EXIST. ILL. 34 (MAIN ST.)	OFFSET TO E.P.	DISTANCE ALONG RADIUS	GEOMETRIC DESCRIPTION
	FEET	FEET		FEET	FEET	
1037+89.04	45.00	363.97				PC
1037+99.02	45.59	363.96			10.00	
1038+08.86	47.34	363.91			10.00	
1038+18.42	50.24	363.85			10.00	
1038+27.58	54.24	363.77			10.00	
1038+36.21	59.29	363.71			10.00	
1038+44.18	65.31	363.62			10.00	
1038+51.39	72.23	363.54	1672+59.57	51.01	10.00	
1038+57.74	79.95	363.45	1672+67.25	44.61	10.00	
1038+63.14	88.36	363.36	1672+75.62	39.16	10.00	
1038+67.52	97.34	363.28	1672+84.58	34.73	10.00	
1038+70.25	104.83	363.21	1672+92.10	31.95	8.02	PCC
		363.19	1672+93.99	31.36	1.98	
		363.23	1673+03.60	28.57	10.00	
		363.30	1673+13.29	26.10	10.00	
		363.37	1673+23.05	23.96	10.00	
		363.44	1673+32.88	22.14	10.00	
		363.53	1673+42.77	20.65	10.00	
		363.62	1673+52.70	19.49	10.00	
		363.70	1673+62.67	18.66	10.00	
		363.78	1673+72.66	18.16	10.00	
		363.85	1673+82.53	18.00	9.88	PT

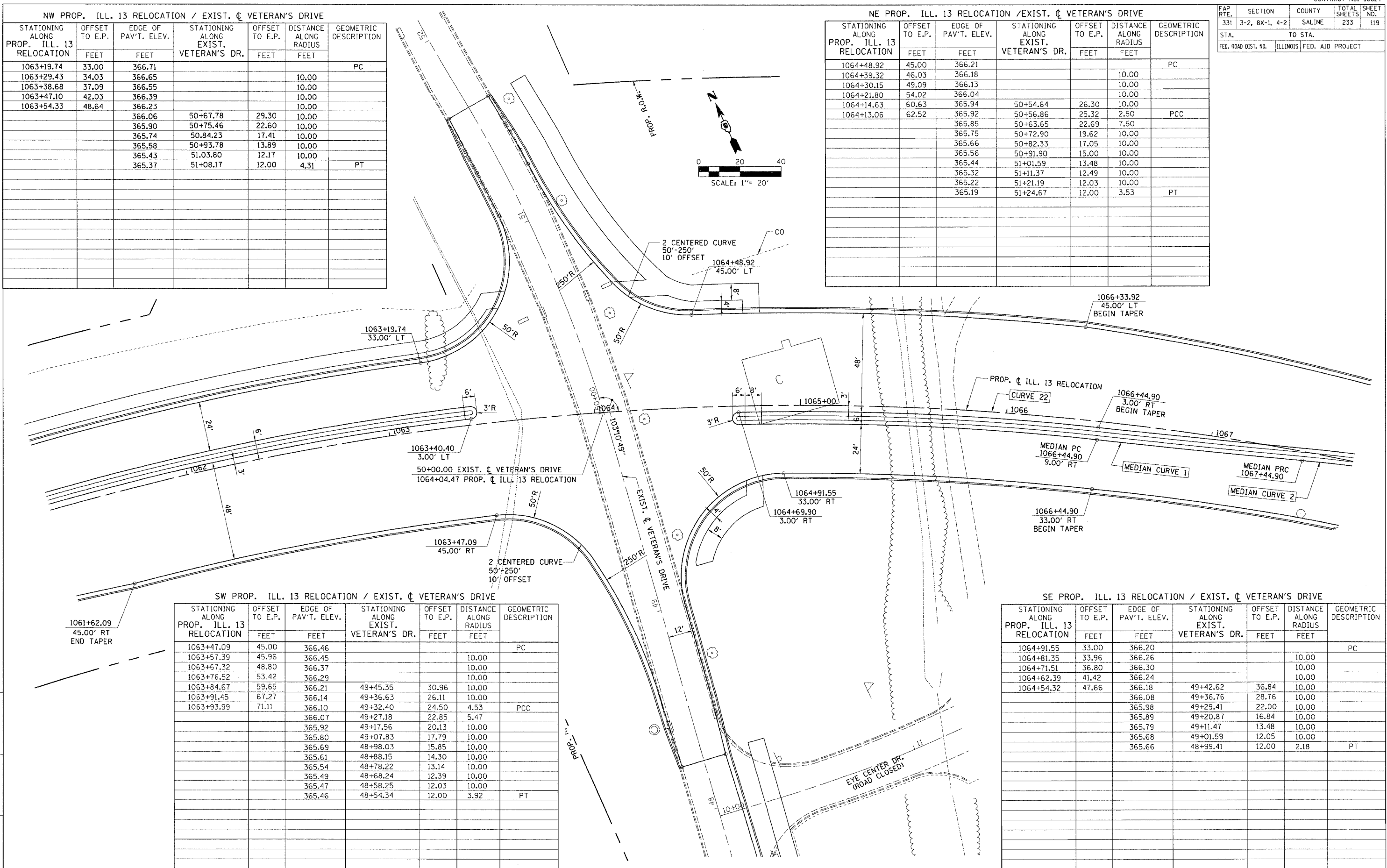
SE PROP. ILL. 13 RELOCATION / EXIST. ILL. 34 (MAIN ST.)						
STATIONING ALONG PROP. ILL. 13 RELOCATION	OFFSET TO E.P.	EDGE OF PAV'T. ELEV.	STATIONING ALONG EXIST. ILL. 34 (MAIN ST.)	OFFSET TO E.P.	DISTANCE ALONG RADIUS	GEOMETRIC DESCRIPTION
	FEET	FEET		FEET	FEET	
1039+85.24	33.00	365.01				PC
1039+75.28	33.77	364.94			10.00	
1039+65.56	36.05	364.85			10.00	
1039+56.30	39.80	364.67			10.00	
1039+47.72	44.92	364.49			10.00	
1039+40.03	51.30	364.30			10.00	
1039+33.41	58.78	364.12	1672+45.61	30.92	10.00	
		363.92	1672+54.05	25.58	10.00	
		363.73	1672+63.21	21.59	10.00	
		363.57	1672+72.87	19.05	10.00	
		363.57	1672+82.81	18.02	10.00	
		363.58	1672+84.51	18.00	1.70	PT

GEOMETRICS - ILL. 13 RELOCATION / ILL. 34 (MAIN ST.)

FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	119
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

NW PROP. ILL. 13 RELOCATION / EXIST. C VETERAN'S DRIVE						
STATIONING ALONG PROP. ILL. 13 RELOCATION	OFFSET TO E.P.	EDGE OF PAV'T. ELEV.	STATIONING ALONG EXIST. VETERAN'S DR.	OFFSET TO E.P.	DISTANCE ALONG RADIUS	GEOMETRIC DESCRIPTION
	FEET	FEET		FEET	FEET	
1063+19.74	33.00	366.71				PC
1063+29.43	34.03	366.65			10.00	
1063+38.68	37.09	366.55			10.00	
1063+47.10	42.03	366.39			10.00	
1063+54.33	48.64	366.23			10.00	
		366.06	50+67.78	29.30	10.00	
		365.90	50+75.46	22.60	10.00	
		365.74	50+84.23	17.41	10.00	
		365.58	50+93.78	13.89	10.00	
		365.43	51+03.80	12.17	10.00	
		365.37	51+08.17	12.00	4.31	PT

NE PROP. ILL. 13 RELOCATION / EXIST. C VETERAN'S DRIVE						
STATIONING ALONG PROP. ILL. 13 RELOCATION	OFFSET TO E.P.	EDGE OF PAV'T. ELEV.	STATIONING ALONG EXIST. VETERAN'S DR.	OFFSET TO E.P.	DISTANCE ALONG RADIUS	GEOMETRIC DESCRIPTION
	FEET	FEET		FEET	FEET	
1064+48.92	45.00	366.21				PC
1064+39.32	46.03	366.18			10.00	
1064+30.15	49.09	366.13			10.00	
1064+21.80	54.02	366.04			10.00	
1064+14.63	60.63	365.94	50+54.64	26.30	10.00	
1064+13.06	62.52	365.92	50+56.86	25.32	2.50	PCC
		365.85	50+63.65	22.69	7.50	
		365.75	50+72.90	19.62	10.00	
		365.66	50+82.33	17.05	10.00	
		365.56	50+91.90	15.00	10.00	
		365.44	51+01.59	13.48	10.00	
		365.32	51+11.37	12.49	10.00	
		365.22	51+21.19	12.03	10.00	
		365.19	51+24.67	12.00	3.53	PT



SW PROP. ILL. 13 RELOCATION / EXIST. C VETERAN'S DRIVE						
STATIONING ALONG PROP. ILL. 13 RELOCATION	OFFSET TO E.P.	EDGE OF PAV'T. ELEV.	STATIONING ALONG EXIST. VETERAN'S DR.	OFFSET TO E.P.	DISTANCE ALONG RADIUS	GEOMETRIC DESCRIPTION
	FEET	FEET		FEET	FEET	
1063+47.09	45.00	366.46				PC
1063+57.39	45.96	366.45			10.00	
1063+67.32	48.80	366.37			10.00	
1063+76.52	53.42	366.29			10.00	
1063+84.67	59.65	366.21	49+45.35	30.96	10.00	
1063+91.45	67.27	366.14	49+36.63	26.11	10.00	
1063+93.99	71.11	366.10	49+32.40	24.50	4.53	PCC
		366.07	49+27.18	22.85	5.47	
		365.92	49+17.56	20.13	10.00	
		365.80	49+07.83	17.79	10.00	
		365.69	48+98.03	15.85	10.00	
		365.61	48+88.15	14.30	10.00	
		365.54	48+78.22	13.14	10.00	
		365.49	48+68.24	12.39	10.00	
		365.47	48+58.25	12.03	10.00	
		365.46	48+54.34	12.00	3.92	PT

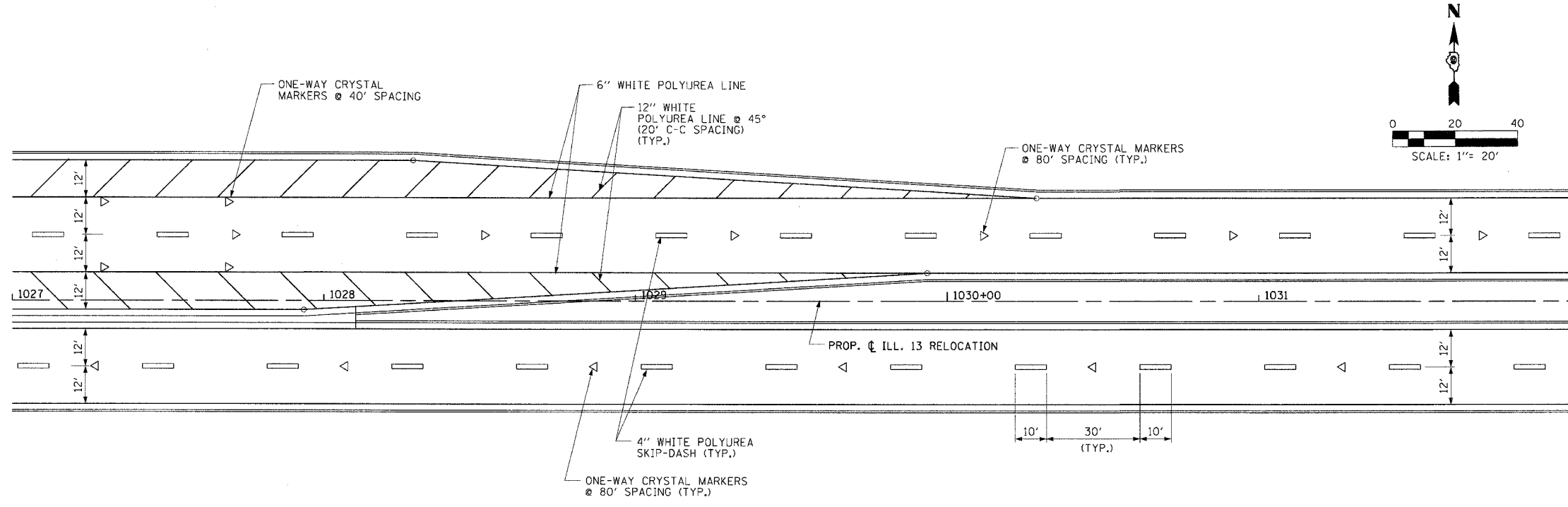
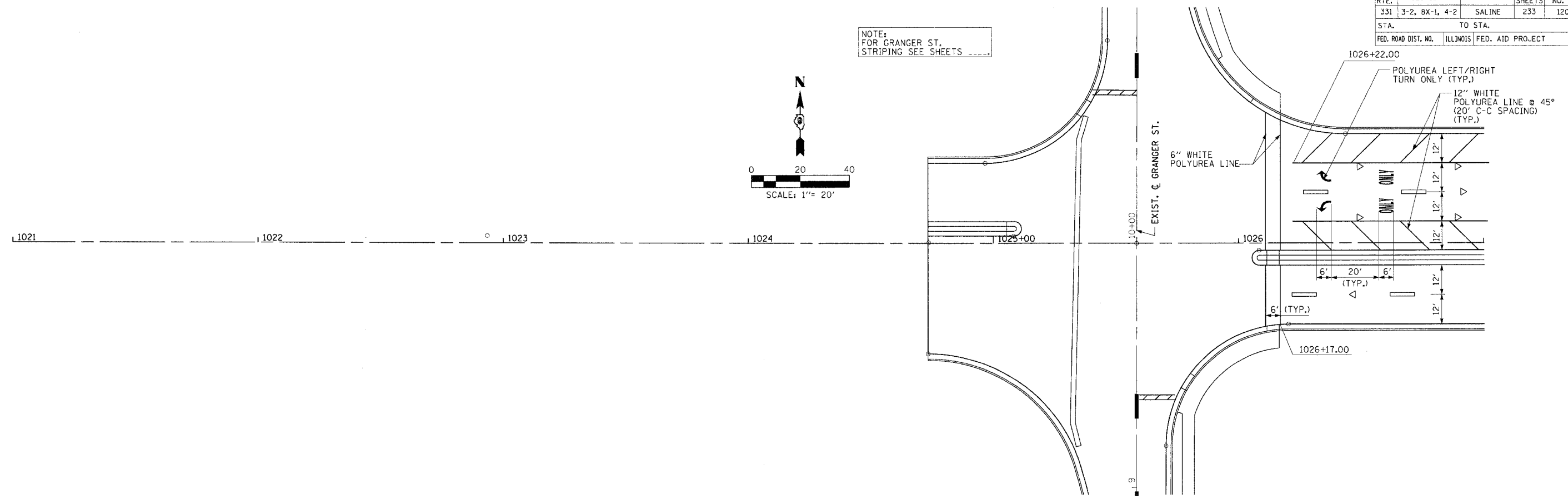
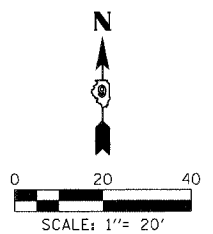
SE PROP. ILL. 13 RELOCATION / EXIST. C VETERAN'S DRIVE						
STATIONING ALONG PROP. ILL. 13 RELOCATION	OFFSET TO E.P.	EDGE OF PAV'T. ELEV.	STATIONING ALONG EXIST. VETERAN'S DR.	OFFSET TO E.P.	DISTANCE ALONG RADIUS	GEOMETRIC DESCRIPTION
	FEET	FEET		FEET	FEET	
1064+91.55	33.00	366.20				PC
1064+81.35	33.96	366.26			10.00	
1064+71.51	36.80	366.30			10.00	
1064+62.39	41.42	366.24			10.00	
1064+54.32	47.66	366.18	49+42.62	36.84	10.00	
		366.08	49+36.76	28.76	10.00	
		365.98	49+29.41	22.00	10.00	
		365.89	49+20.87	16.84	10.00	
		365.79	49+11.47	13.48	10.00	
		365.68	49+01.59	12.05	10.00	
		365.66	48+99.41	12.00	2.18	PT

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CHECKED BY

PROJECT: ILL. 13 RELOCATION / VETERAN'S DRIVE
DATE: 10/9/2006

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	120
STA. TO STA.				
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

NOTE:
FOR GRANGER ST.
STRIPING SEE SHEETS

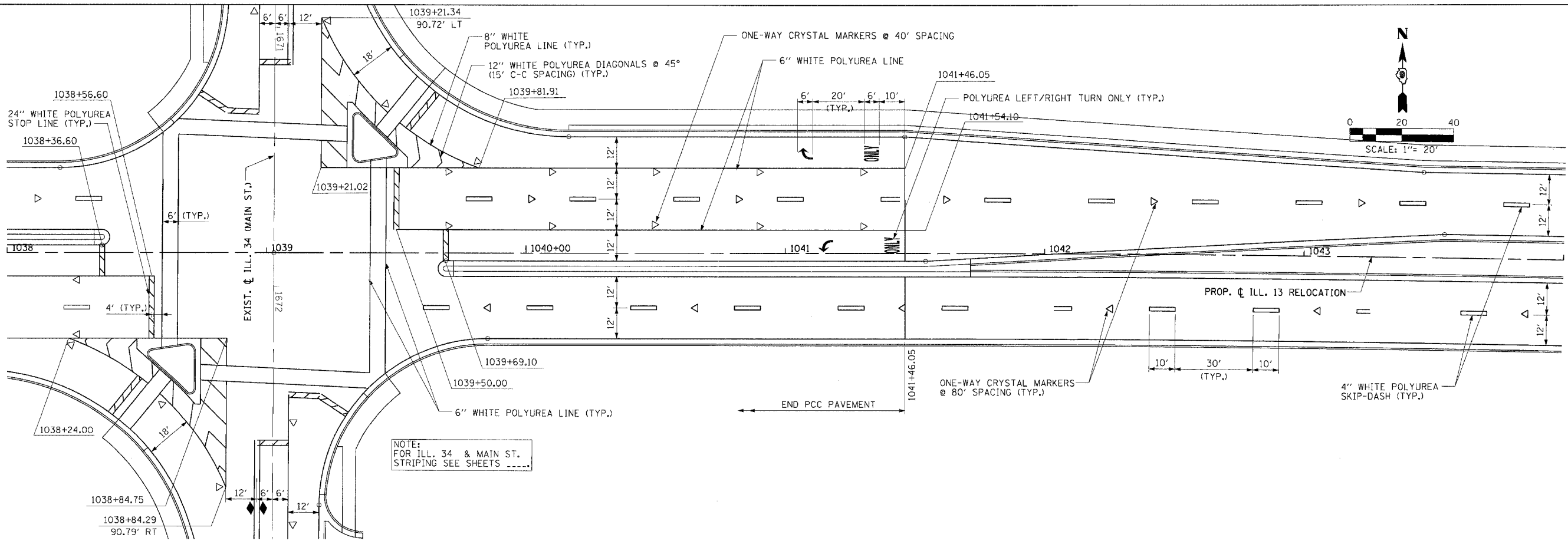
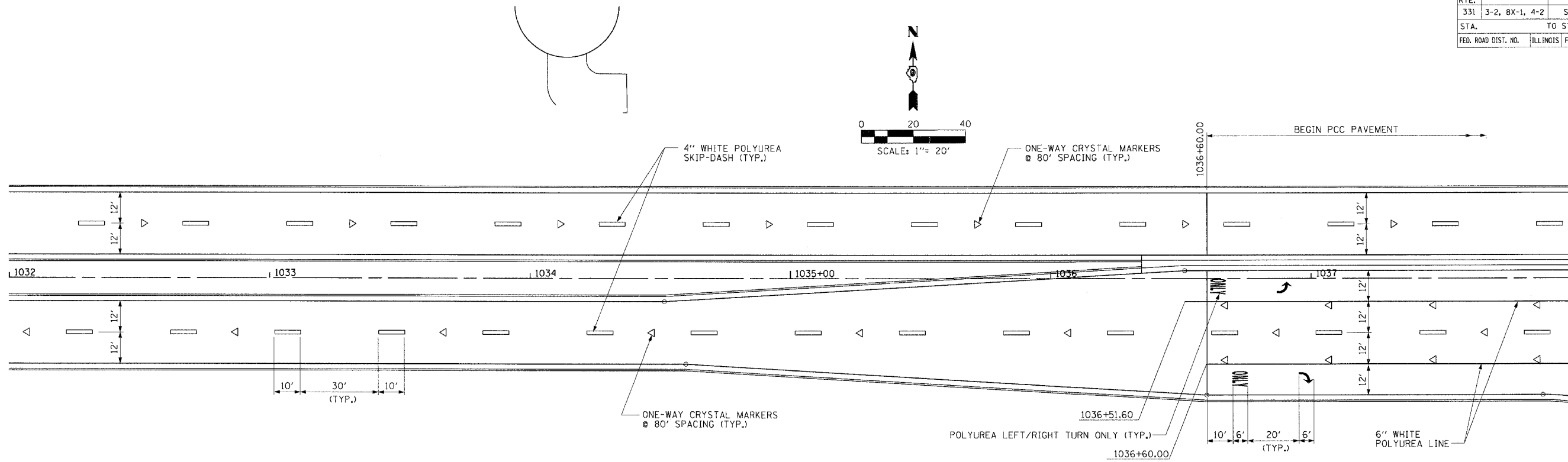


PAVEMENT MARKING - STA. 1024 + 73.38 TO STA. 1032 + 00.00

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CHECKED BY: JS

PROJECTS/PROJECTS/ROADWAY/CONTRACT 1/5 STRIPING/
ACT. FILE

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS NO.	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	121
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

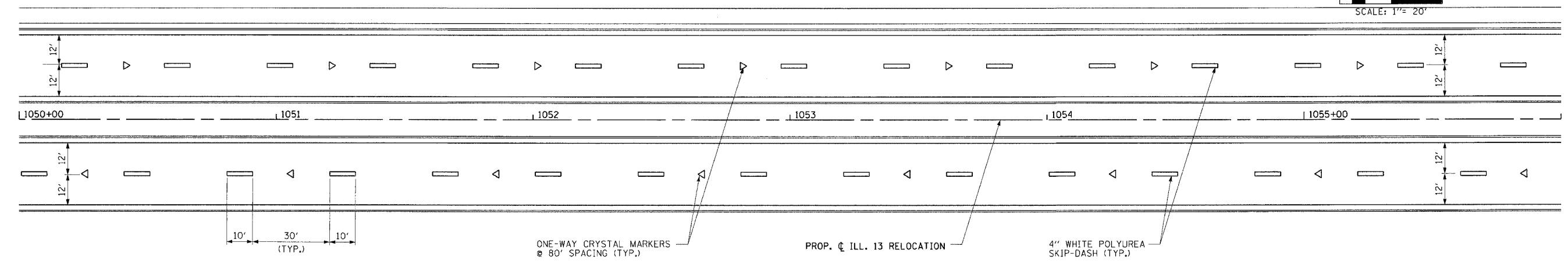
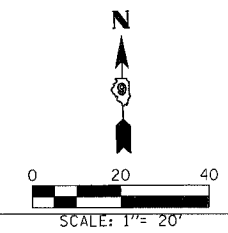
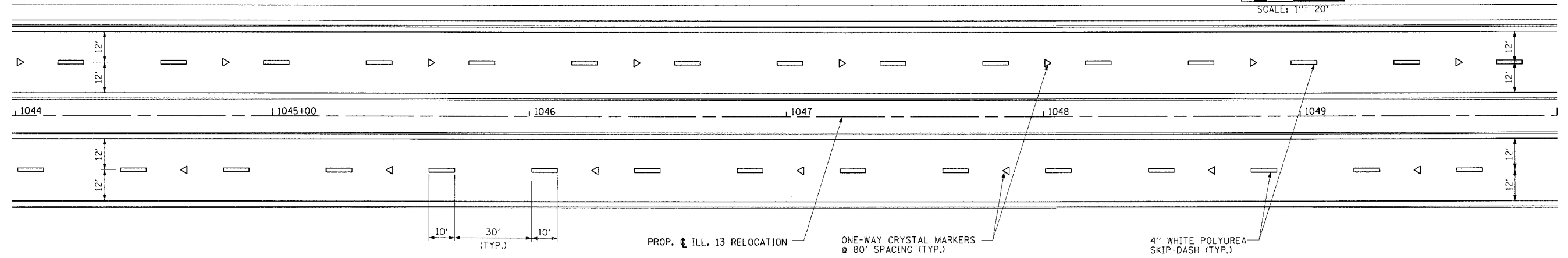
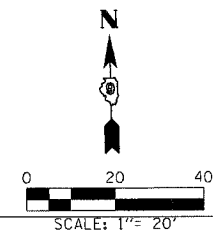


PAVEMENT MARKING - STA. 1032 + 00.00 TO STA. 1044 + 00.00

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PROJECTS/PROJ33526/ROADWAY/CONTRACT 1/STRIPING/
Act File

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, BX-1, 4-2	SALINE	233	122
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

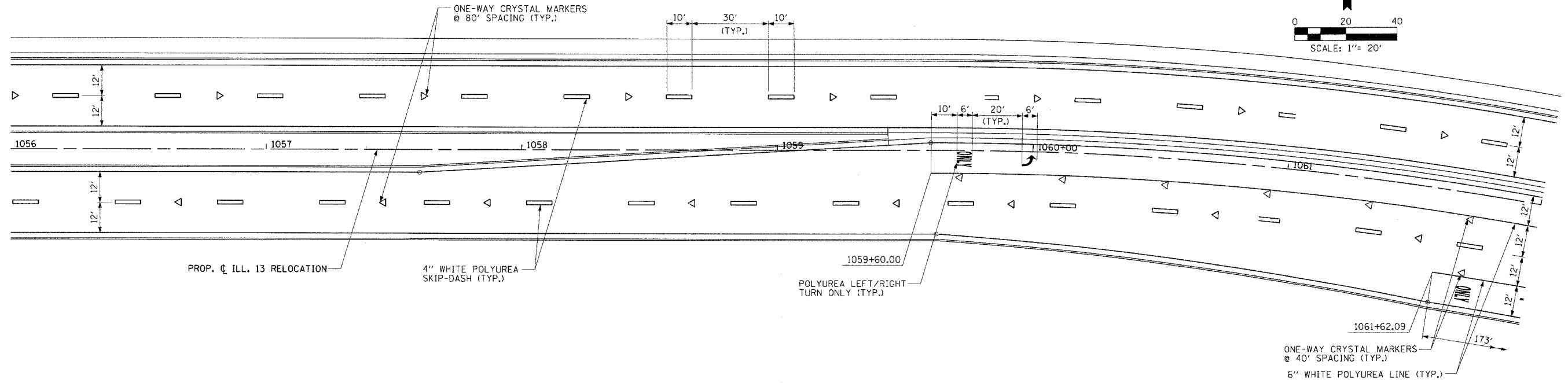
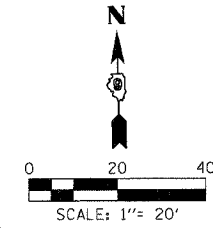


PAVEMENT MARKING - STA. 1044 + 00.00 TO STA. 1056 + 00.00

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PROJECTS/PROJ98627/ROADWAY/CONTRACT 1/STRIPING/
ACT 1/FILE
10/9/2006 12:31:46 PM

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	123
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



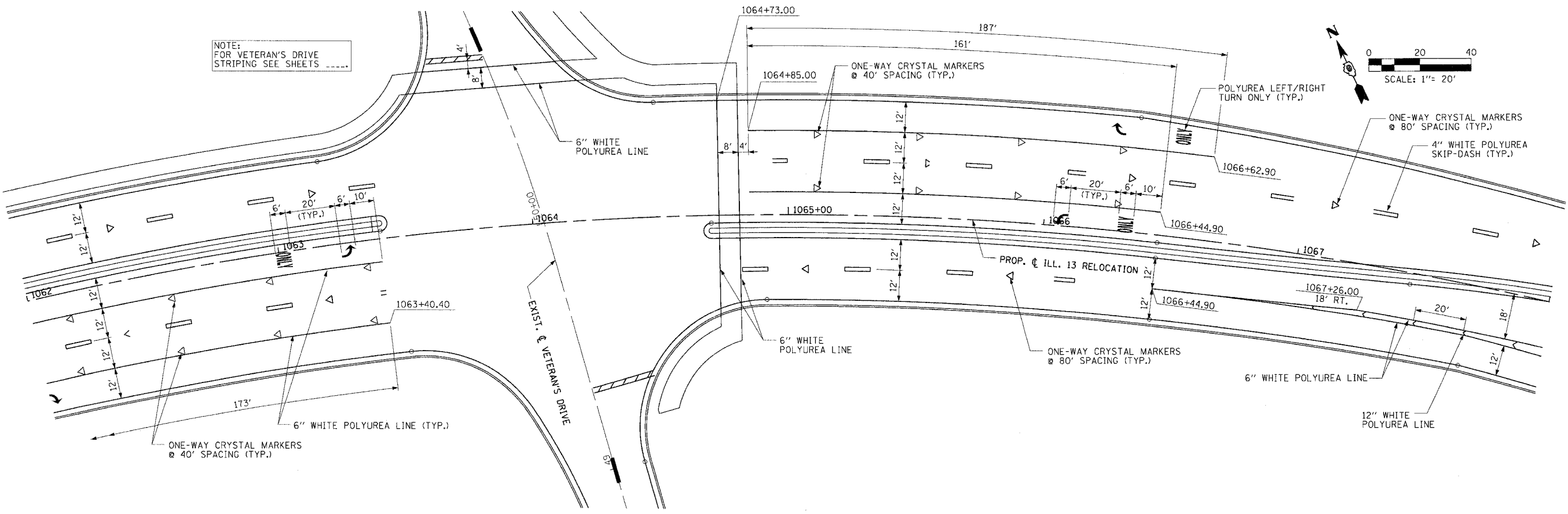
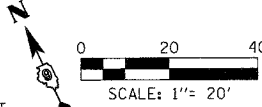
PROP. ILL. 13 RELOCATION

4" WHITE POLYUREA SKIP-DASH (TYP.)

POLYUREA LEFT/RIGHT TURN ONLY (TYP.)

ONE-WAY CRYSTAL MARKERS @ 40' SPACING (TYP.)
6" WHITE POLYUREA LINE (TYP.)

NOTE:
FOR VETERAN'S DRIVE STRIPING SEE SHEETS -----



6" WHITE POLYUREA LINE

ONE-WAY CRYSTAL MARKERS @ 40' SPACING (TYP.)

POLYUREA LEFT/RIGHT TURN ONLY (TYP.)

ONE-WAY CRYSTAL MARKERS @ 80' SPACING (TYP.)

4" WHITE POLYUREA SKIP-DASH (TYP.)

EXIST. VETERAN'S DRIVE

6" WHITE POLYUREA LINE

ONE-WAY CRYSTAL MARKERS @ 80' SPACING (TYP.)

6" WHITE POLYUREA LINE

12" WHITE POLYUREA LINE

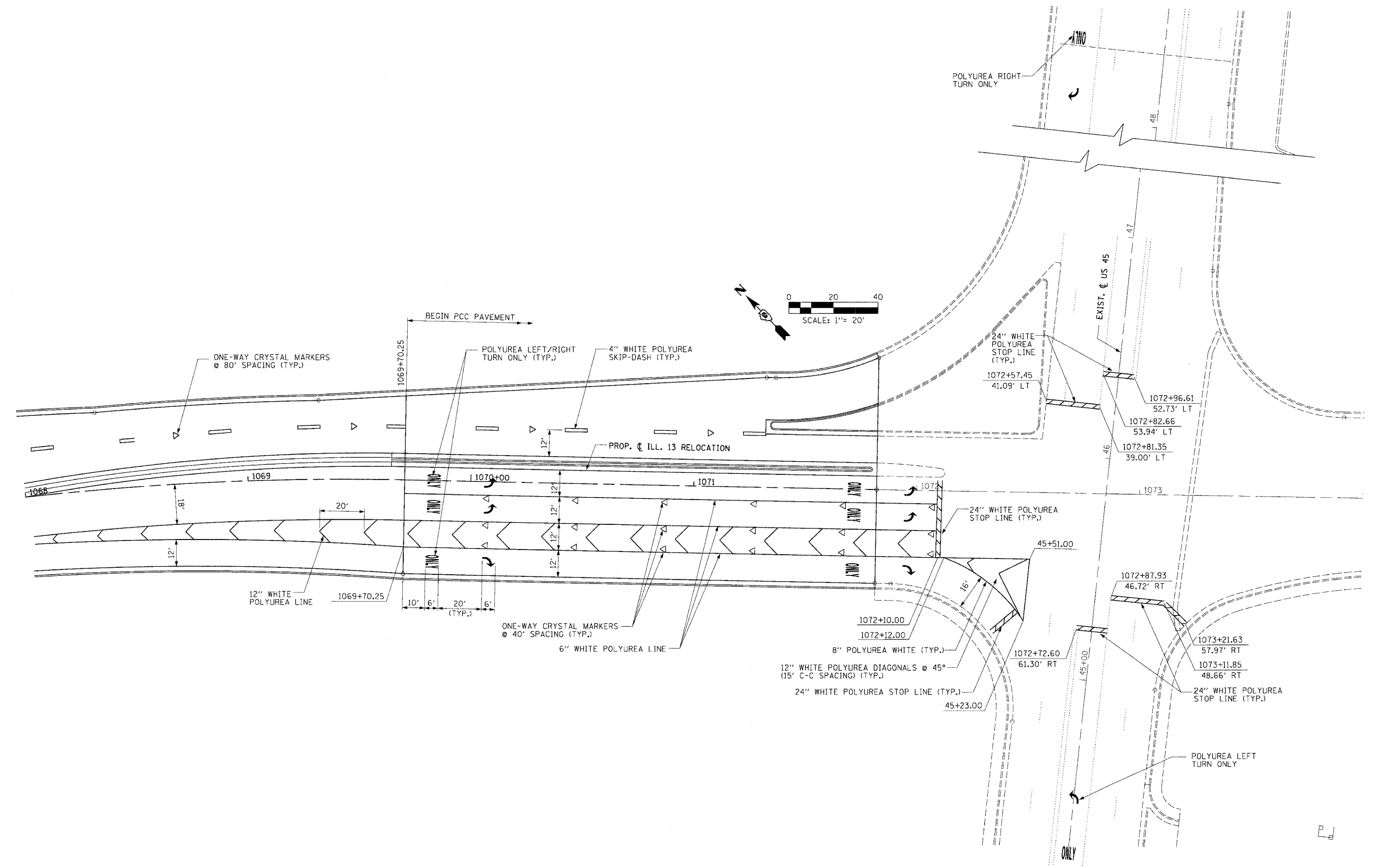
ONE-WAY CRYSTAL MARKERS @ 40' SPACING (TYP.)

PROJECTS/PROJ336/ROADWAY/CONTRACT 1/STRIPING/
ACT1.dwg
12/13/2006 9:05:45 AM

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	124
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

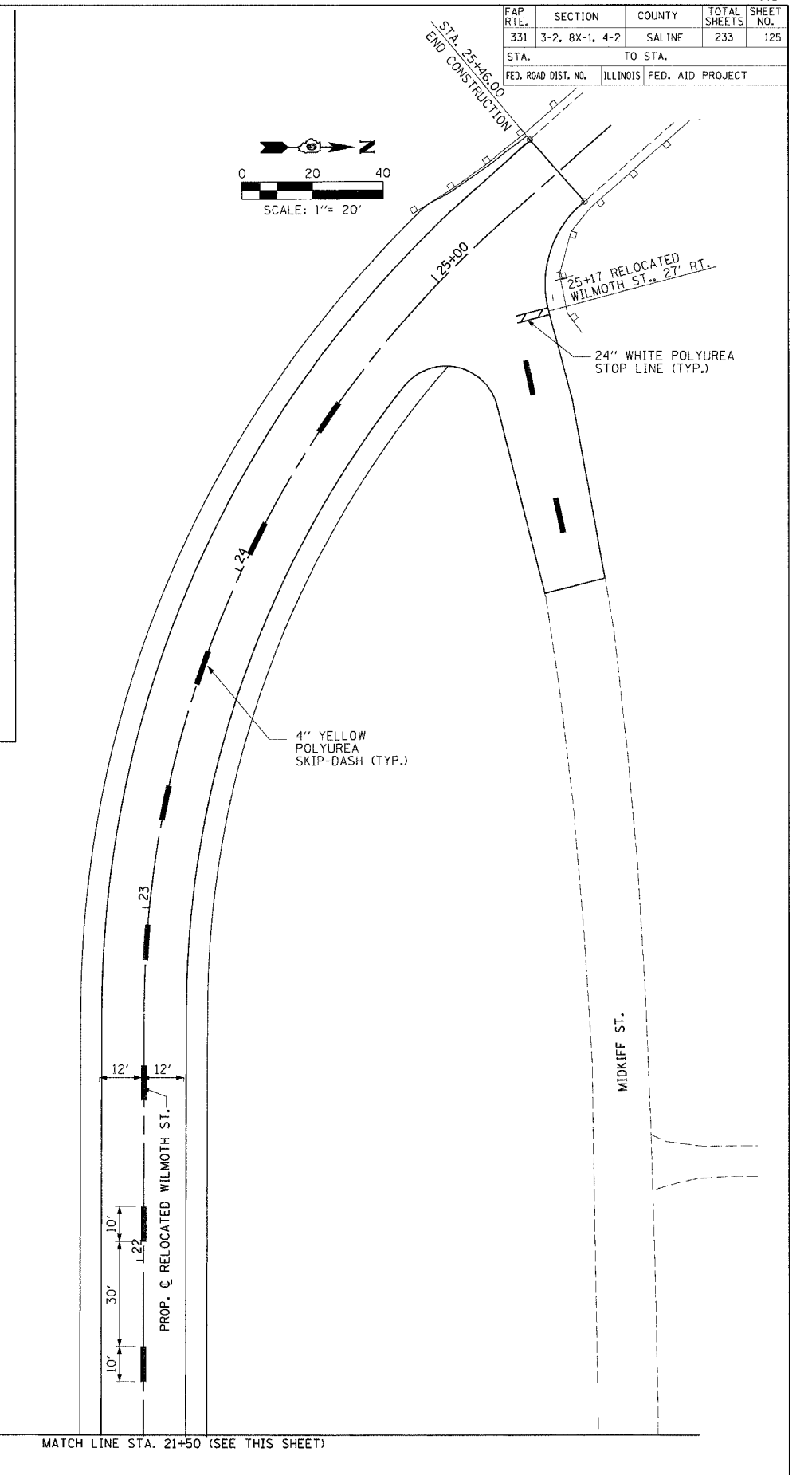
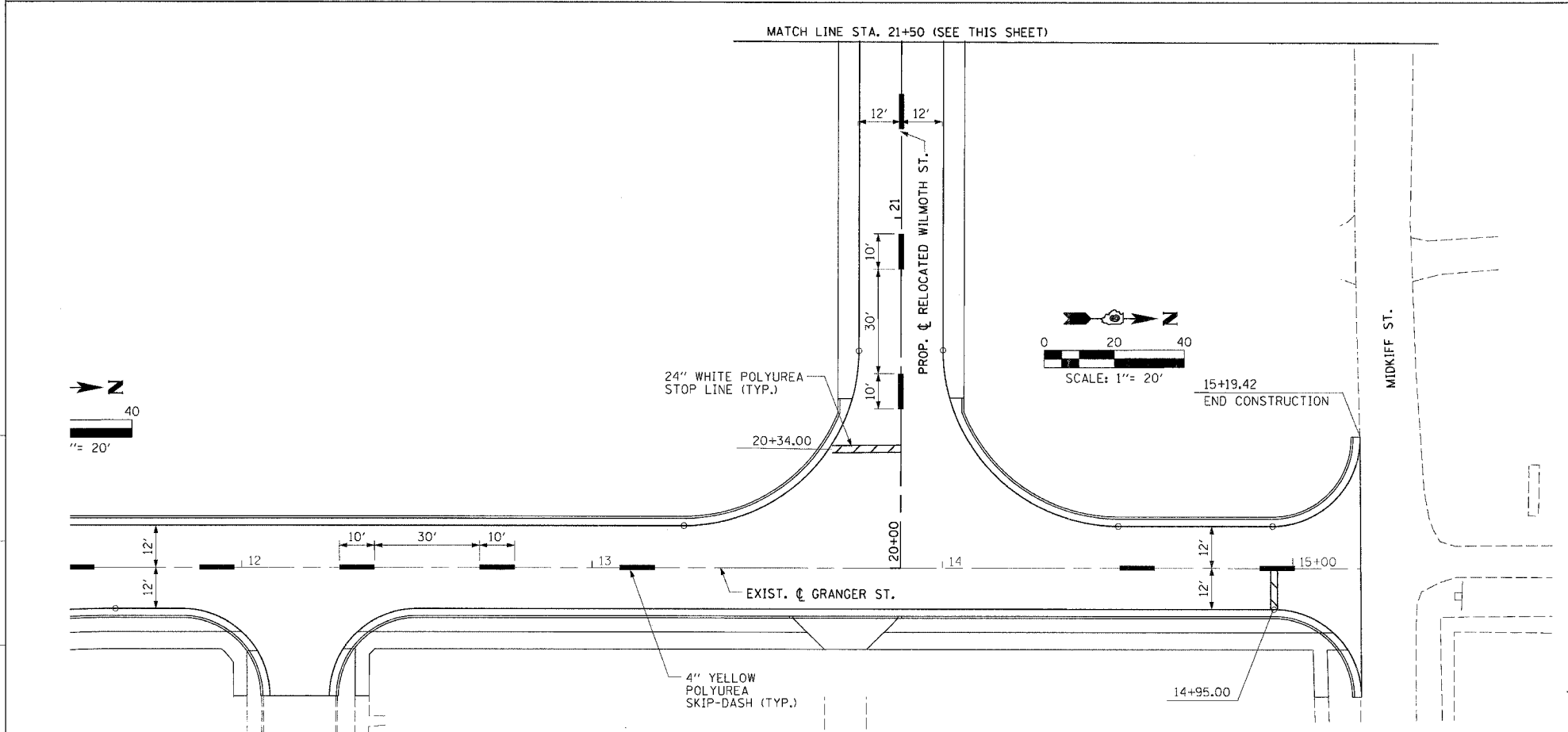
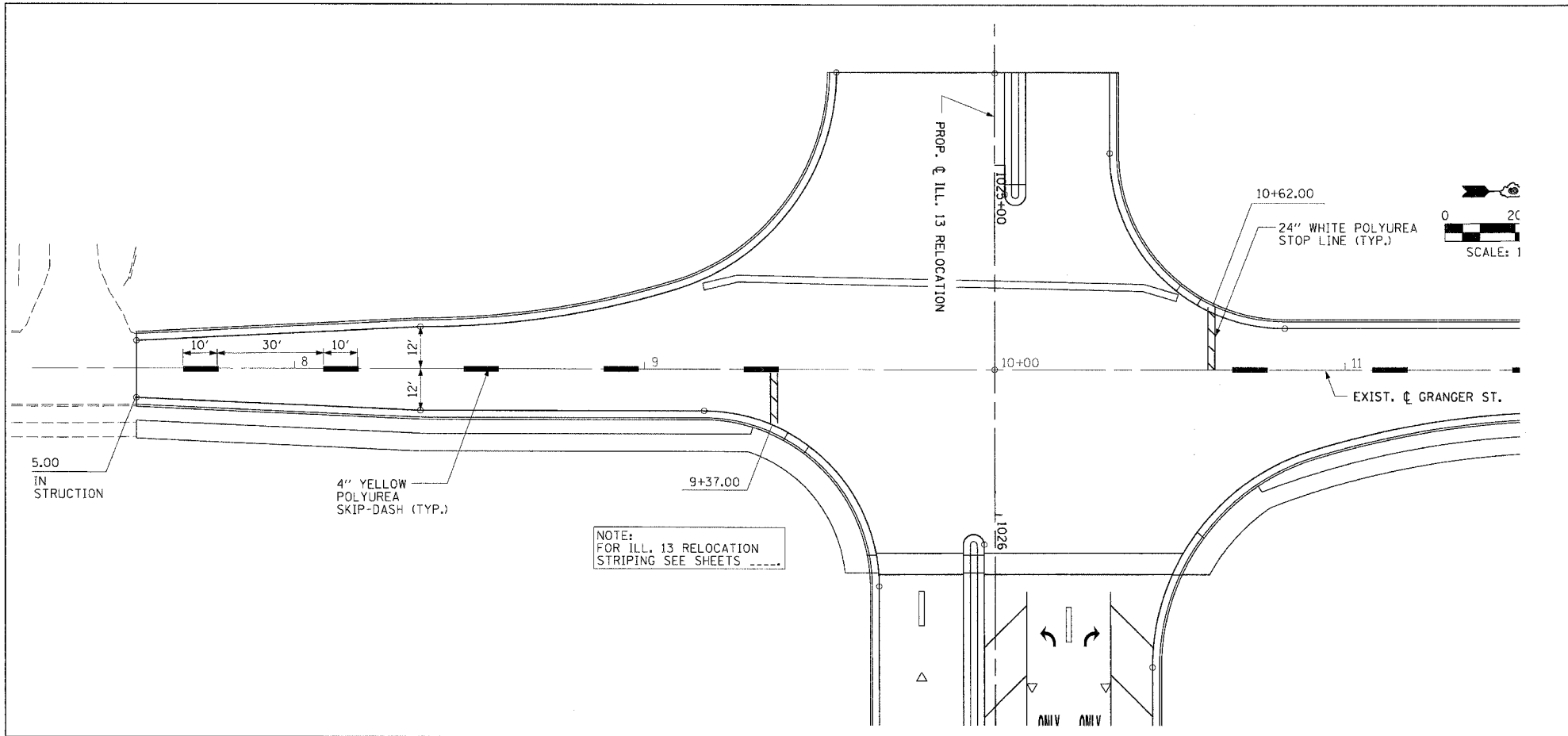
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PROJECTS/PROJECTS/HIGHWAY/CONTRACT 1/5 TRIP/NO. REFERENCE FILES:
ACT. FILE:



PAVEMENT MARKING - STA. 1068+00.00 TO STA. 1071+82.00

FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	125
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

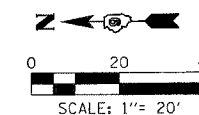
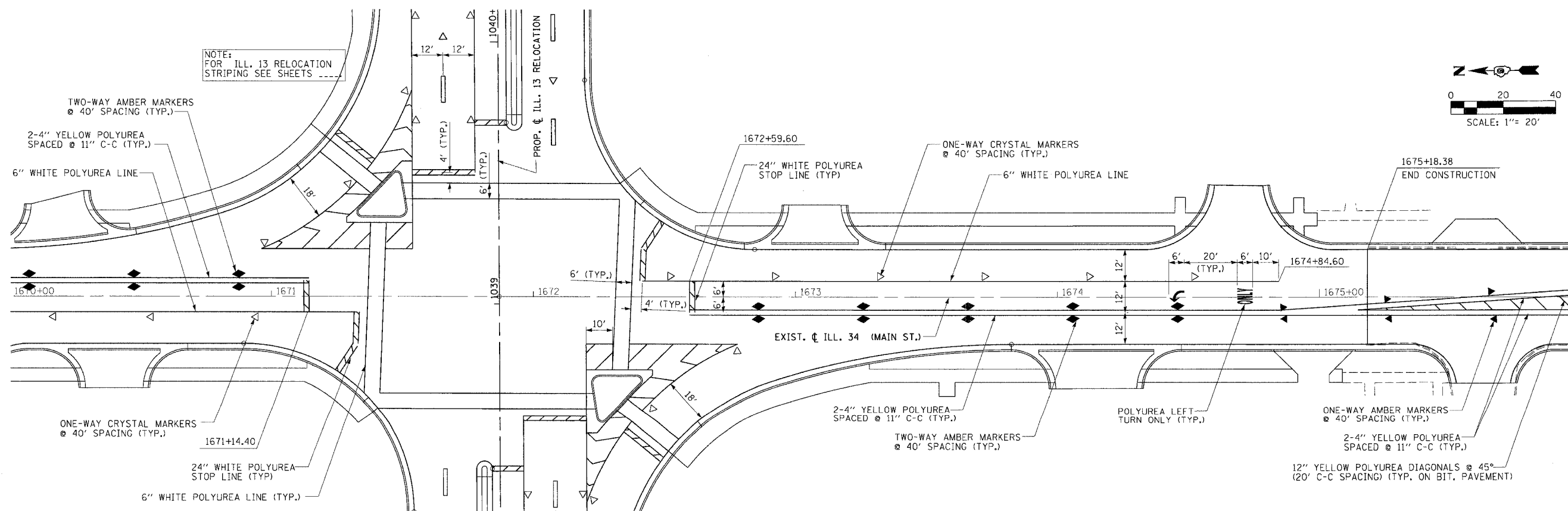
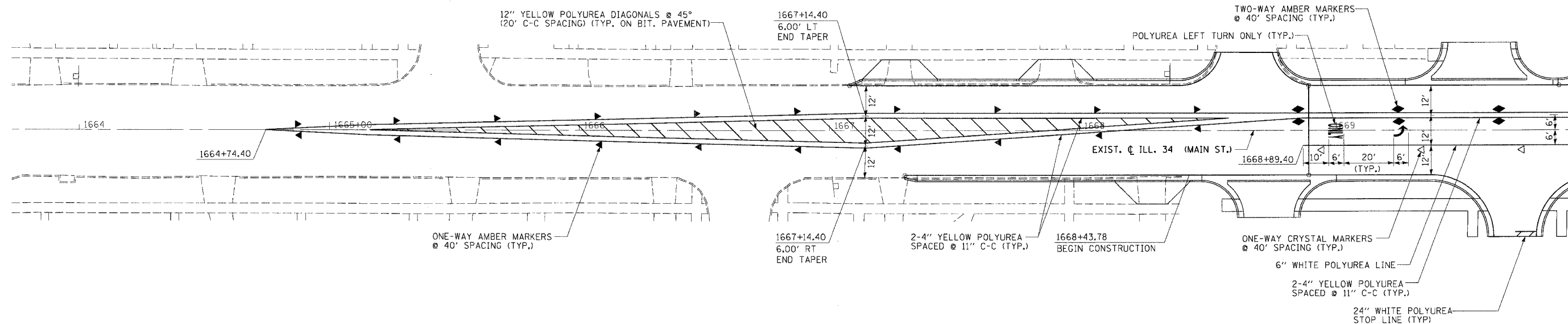
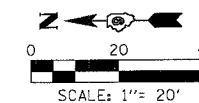


PAVEMENT MARKING - GRANGER ST. - STA. 7+55.00 TO STA. 15+19.42

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CHECKED BY: JS

PROJECTS/PROJ326/ROADWAY/CONTRACT 125 STRIPING/
ACTS/FILB

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	126
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

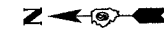


PAVEMENT MARKING - ILL. 34 (MAIN ST.) - STA. 1664 + 74.40 TO STA. 1676 + 00.00

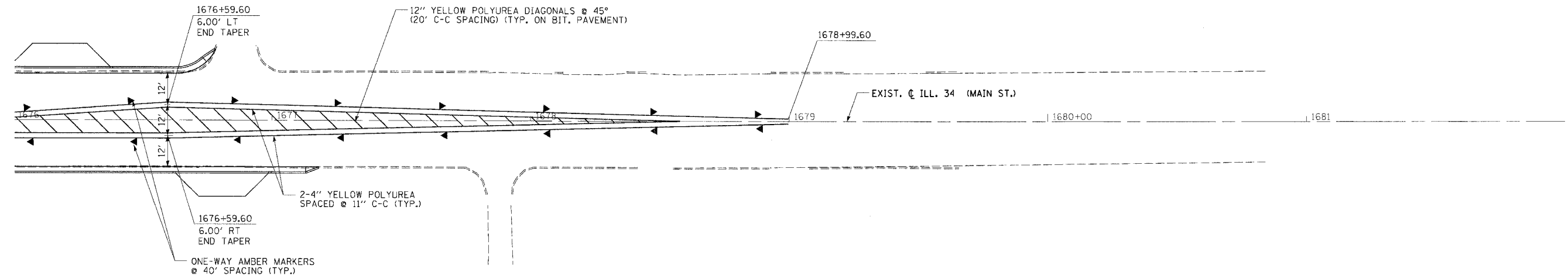
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PROJECTS/PROJ526/ROADWAY/CONTRACT 1/STRIPING/
Act of File

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	127
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



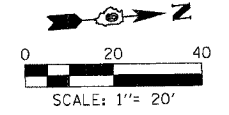
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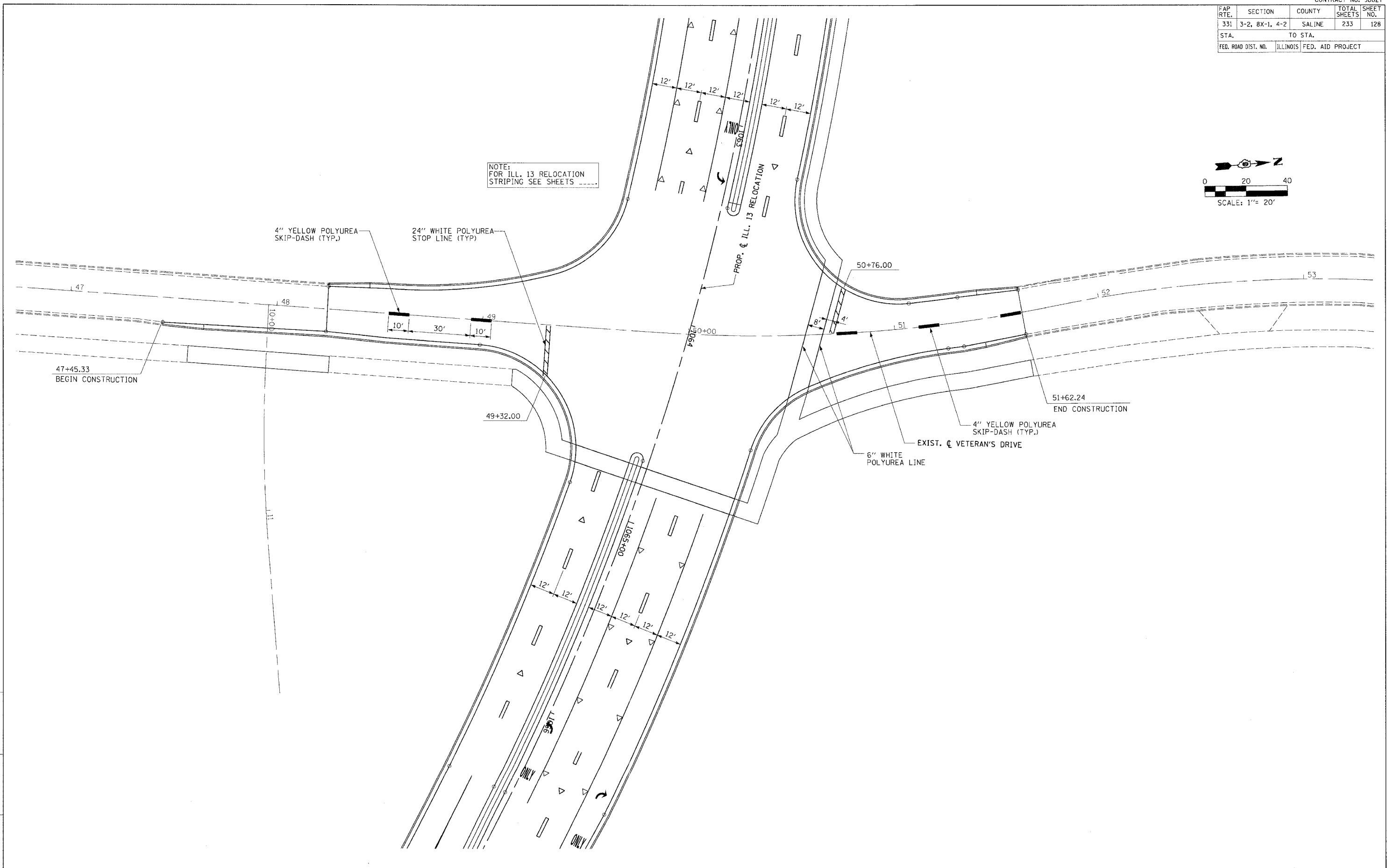
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PROJECTS/PROJECTS/ROADWAY/CONTRACT 1/STRIPING/
ACT File:
Reference Files:

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	128
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



NOTE:
FOR ILL. 13 RELOCATION
STRIPING SEE SHEETS -----



4" YELLOW POLYUREA
SKIP-DASH (TYP.)

24" WHITE POLYUREA
STOP LINE (TYP.)

PROP. & ILL. 13 RELOCATION

EXIST. & VETERAN'S DRIVE
6" WHITE POLYUREA LINE

4" YELLOW POLYUREA
SKIP-DASH (TYP.)

51+62.24
END CONSTRUCTION

47+45.33
BEGIN CONSTRUCTION

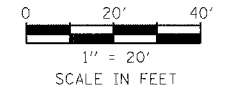
49+32.00

50+76.00

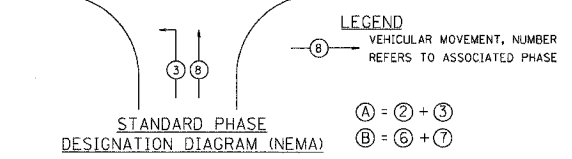
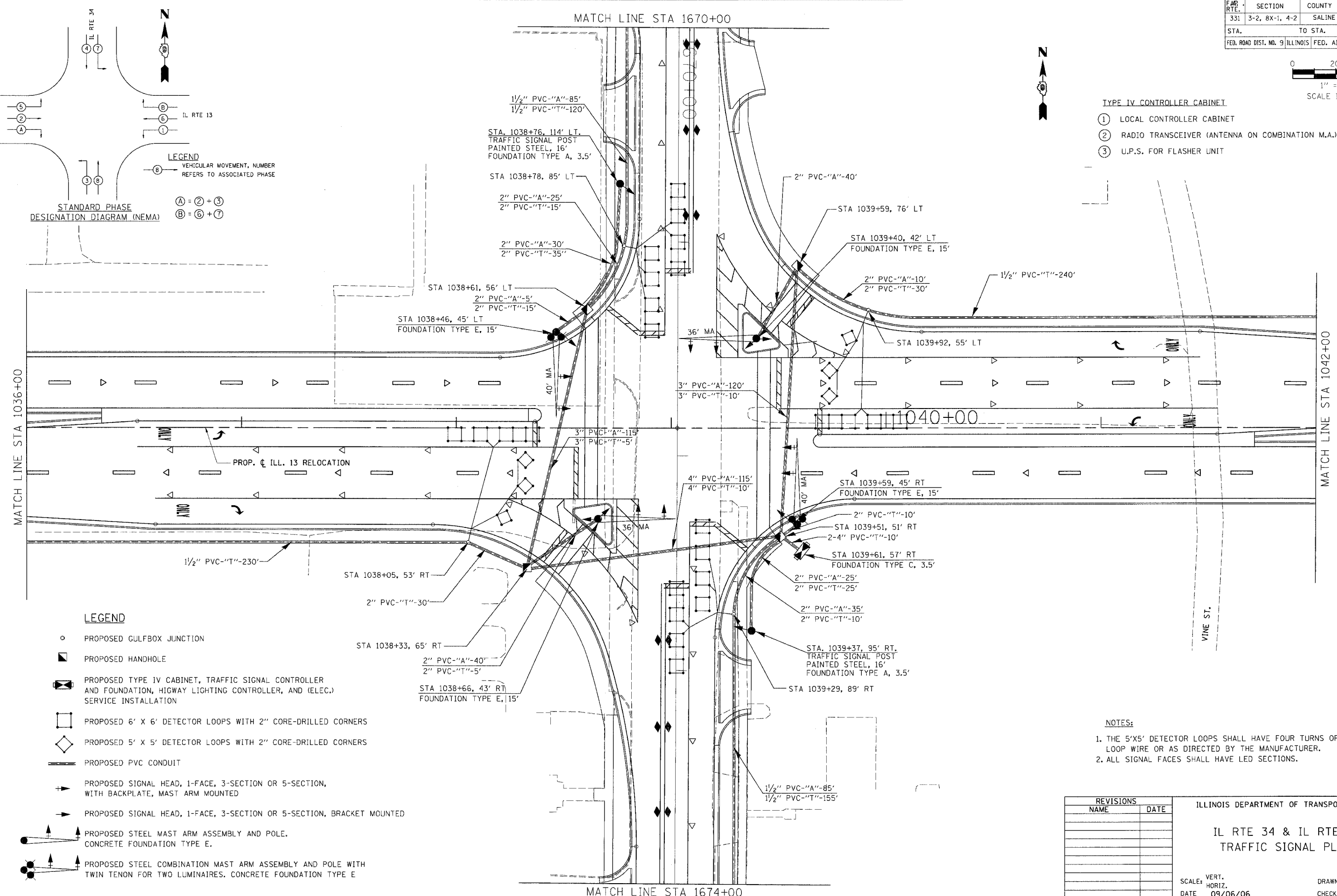
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CHECKED BY: JS

PROJECTS/PROJ056/ROADWAY/CONTRACT 1/STRIPING/
ACT1.dwg
Reference Files

FAR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	129
STA.		TO STA.		
FED. ROAD DIST. NO. 9 ILLINOIS		FED. AID PROJECT		



- TYPE IV CONTROLLER CABINET**
- ① LOCAL CONTROLLER CABINET
 - ② RADIO TRANSCIVER (ANTENNA ON COMBINATION M.A.)
 - ③ U.P.S. FOR FLASHER UNIT



- LEGEND**
- PROPOSED GULFBOX JUNCTION
 - ◼ PROPOSED HANDHOLE
 - ◻ PROPOSED TYPE IV CABINET, TRAFFIC SIGNAL CONTROLLER AND FOUNDATION, HIGHWAY LIGHTING CONTROLLER, AND (ELEC.) SERVICE INSTALLATION
 - ◻ PROPOSED 6' X 6' DETECTOR LOOPS WITH 2" CORE-DRILLED CORNERS
 - ◻ PROPOSED 5' X 5' DETECTOR LOOPS WITH 2" CORE-DRILLED CORNERS
 - ▬ PROPOSED PVC CONDUIT
 - PROPOSED SIGNAL HEAD, 1-FACE, 3-SECTION OR 5-SECTION, WITH BACKPLATE, MAST ARM MOUNTED
 - PROPOSED SIGNAL HEAD, 1-FACE, 3-SECTION OR 5-SECTION, BRACKET MOUNTED
 - PROPOSED STEEL MAST ARM ASSEMBLY AND POLE, CONCRETE FOUNDATION TYPE E.
 - PROPOSED STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH TWIN TENON FOR TWO LUMINAIRES, CONCRETE FOUNDATION TYPE E

- NOTES:**
1. THE 5'X5' DETECTOR LOOPS SHALL HAVE FOUR TURNS OF LOOP WIRE OR AS DIRECTED BY THE MANUFACTURER.
 2. ALL SIGNAL FACES SHALL HAVE LED SECTIONS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

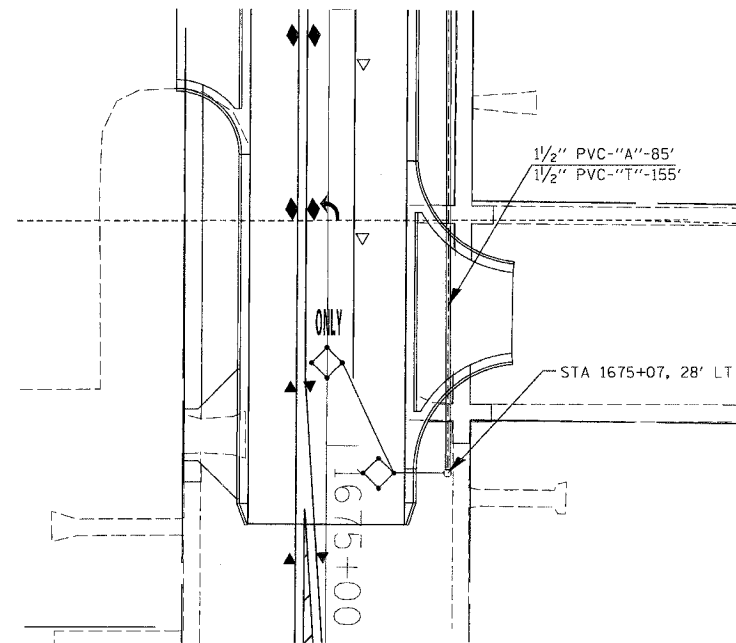
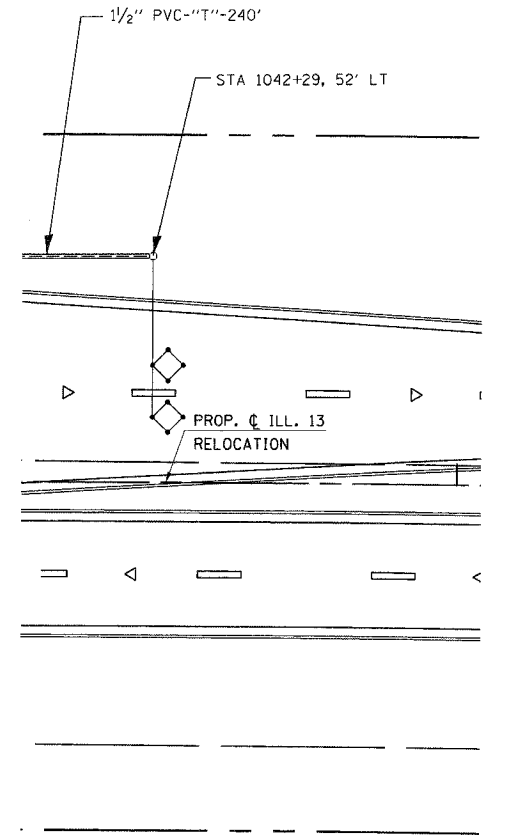
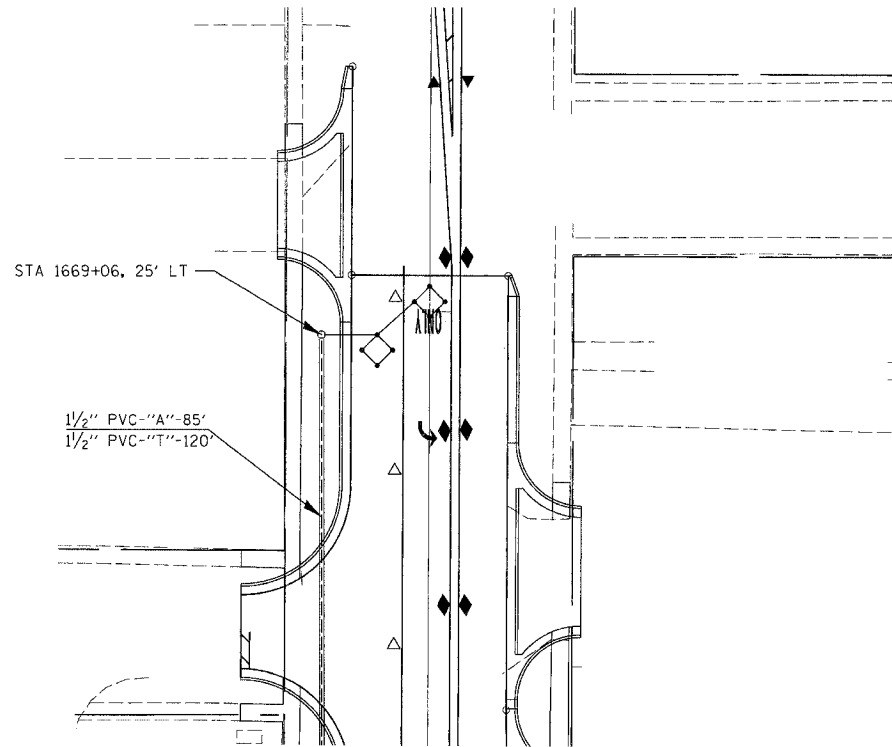
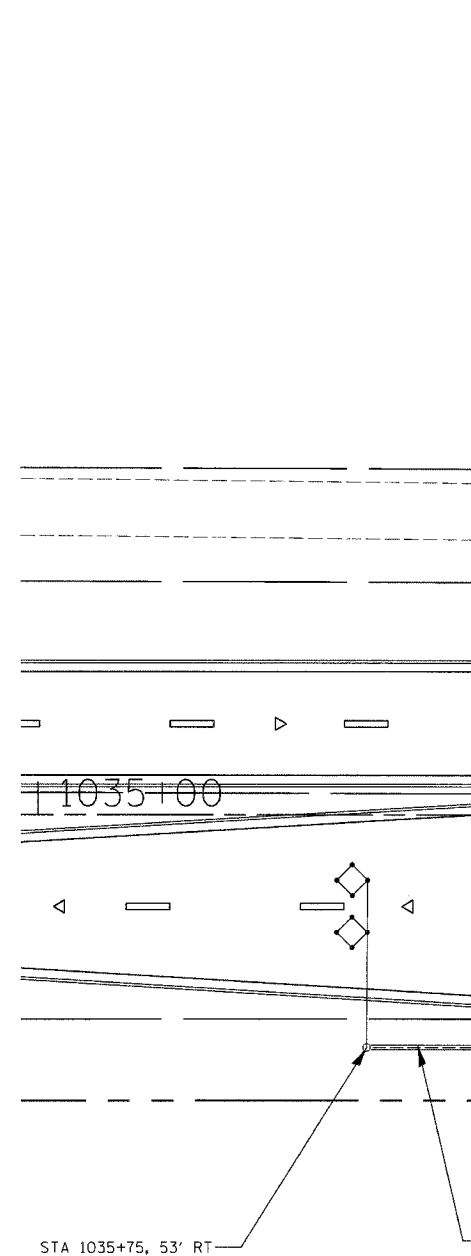
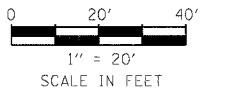
**IL RTE 34 & IL RTE 13
TRAFFIC SIGNAL PLAN**

SCALE: VERT. _____
HORIZ. _____

DATE 09/06/06

DRAWN BY MCV
CHECKED BY MAR

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	130
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- LEGEND**
- PROPOSED GULFBOX JUNCTION
 - ◇ PROPOSED 5' X 5' DETECTOR LOOPS WITH 2" CORE-DRILLED CORNERS
 - PROPOSED PVC CONDUIT

NOTES:
 1. THE 5'X5' DETECTOR LOOPS SHALL HAVE FOUR TURNS OF LOOP WIRE OR AS DIRECTED BY THE MANUFACTURER.

REVISIONS	
NAME	DATE

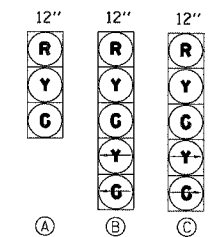
ILLINOIS DEPARTMENT OF TRANSPORTATION
 IL RTE 34 & IL RTE 13
 TRAFFIC SIGNAL PLAN
 SCALE: VERT. _____
 HORIZ. _____
 DATE 03/27/06
 DRAWN BY MCV
 CHECKED BY MAR

DRAWN BY
CHECKED BY

PROJECTS/PROJES/PROJ/CONTRACT/	
ACTIVE FILE:	

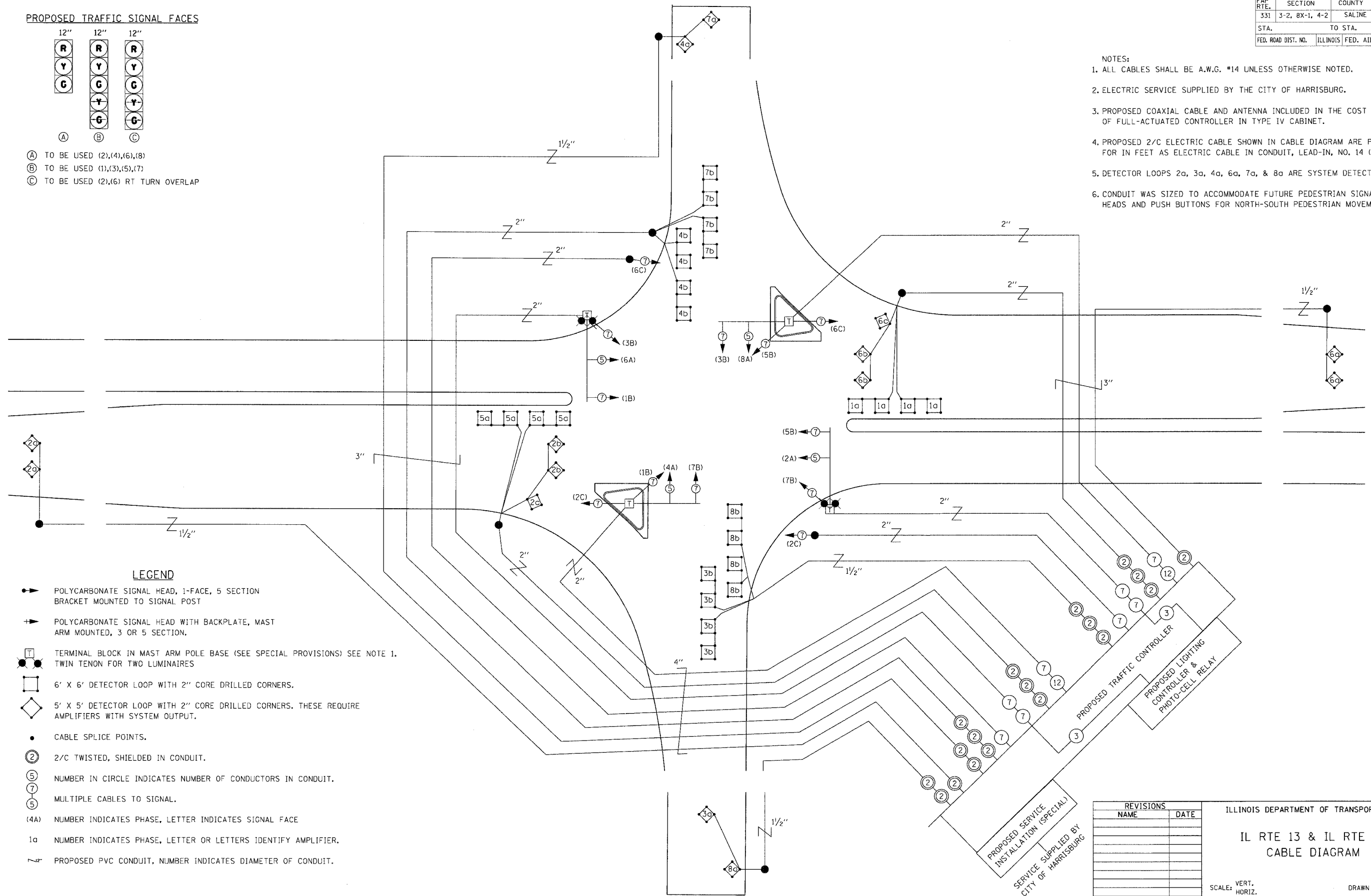
FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	131
STA.		TO STA.		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PROPOSED TRAFFIC SIGNAL FACES



- (A) TO BE USED (2),(4),(6),(8)
- (B) TO BE USED (1),(3),(5),(7)
- (C) TO BE USED (2),(6) RT TURN OVERLAP

- NOTES:**
- ALL CABLES SHALL BE A.W.G. #14 UNLESS OTHERWISE NOTED.
 - ELECTRIC SERVICE SUPPLIED BY THE CITY OF HARRISBURG.
 - PROPOSED COAXIAL CABLE AND ANTENNA INCLUDED IN THE COST OF FULL-ACTUATED CONTROLLER IN TYPE IV CABINET.
 - PROPOSED 2/C ELECTRIC CABLE SHOWN IN CABLE DIAGRAM ARE PAID FOR IN FEET AS ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 (1 PAIR).
 - DETECTOR LOOPS 2a, 3a, 4a, 6a, 7a, & 8a ARE SYSTEM DETECTORS.
 - CONDUIT WAS SIZED TO ACCOMMODATE FUTURE PEDESTRIAN SIGNAL HEADS AND PUSH BUTTONS FOR NORTH-SOUTH PEDESTRIAN MOVEMENTS.



LEGEND

- POLYCARBONATE SIGNAL HEAD, 1-FACE, 5 SECTION BRACKET MOUNTED TO SIGNAL POST
- POLYCARBONATE SIGNAL HEAD WITH BACKPLATE, MAST ARM MOUNTED, 3 OR 5 SECTION.
- ⊠ TERMINAL BLOCK IN MAST ARM POLE BASE (SEE SPECIAL PROVISIONS) SEE NOTE 1. TWIN TENON FOR TWO LUMINAIRES
- ◻ 6' X 6' DETECTOR LOOP WITH 2" CORE DRILLED CORNERS.
- ◊ 5' X 5' DETECTOR LOOP WITH 2" CORE DRILLED CORNERS. THESE REQUIRE AMPLIFIERS WITH SYSTEM OUTPUT.
- CABLE SPLICE POINTS.
- ② 2/C TWISTED, SHIELDED IN CONDUIT.
- ⑤ NUMBER IN CIRCLE INDICATES NUMBER OF CONDUCTORS IN CONDUIT.
- ⑦ MULTIPLE CABLES TO SIGNAL.
- (4A) NUMBER INDICATES PHASE, LETTER INDICATES SIGNAL FACE
- 1a NUMBER INDICATES PHASE, LETTER OR LETTERS IDENTIFY AMPLIFIER.
- ∩ PROPOSED PVC CONDUIT, NUMBER INDICATES DIAMETER OF CONDUIT.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 IL RTE 13 & IL RTE 34
 CABLE DIAGRAM

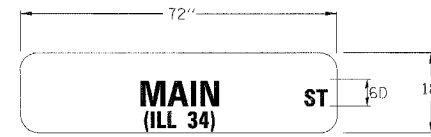
SCALE: VERT. _____
 HORIZ. _____
 DATE 03/29/06
 DRAWN BY MCV
 CHECKED BY MAR

DRAWN BY _____
 CHECKED BY _____
 PROJECT: ILLINOIS DEPARTMENT OF TRANSPORTATION
 CONTRACT NO. 98627
 SHEET NO. 131

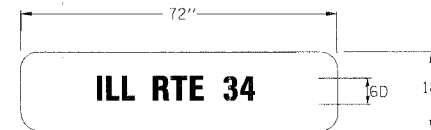
F&P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	132
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SCHEDULE OF QUANTITIES

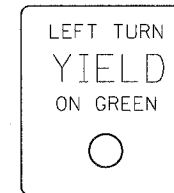
PAY ITEMS	UNIT	TOTAL QUANT.
72000100 SIGN PANEL, TYPE 1	SQ FT	56
80300100 LOCATING UNDERGROUND CABLE	FOOT	1037
80500105 SERVICE INSTALLATION TYPE A (MODIFIED)	L SUM	1
81012500 CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	745
81012600 CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	175
81012800 CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	10
81013000 CONDUIT IN TRENCH, 4" DIA., PVC	FOOT	30
81021540 CONDUIT, AUGERED, 1 1/2" DIA., PVC	FOOT	170
81021550 CONDUIT, AUGERED, 2" DIA., PVC	FOOT	210
81021570 CONDUIT, AUGERED, 3" DIA., PVC	FOOT	235
81021590 CONDUIT, AUGERED, 4" DIA., PVC	FOOT	115
81400100 HANDHOLE	EACH	4
81500110 GULFBOX JUNCTION	EACH	8
81900200 TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1085
82103900 LUMINAIRE, SODIUM VAPOR, MULTIMOUNT, 250 WATT	EACH	4
82500605 LIGHTING CONTROLLER - PHOTOCELL RELAY	EACH	1
85700200 FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
87301255 ELECTRIC CABLE IN CONDUIT SIGNAL NO. 14 7C	FOOT	1795
87301275 ELECTRIC CABLE IN CONDUIT SIGNAL NO. 14 12C	FOOT	425
87301305 ELECTRIC CABLE IN CONDUIT LEAD-IN, NO. 14, 1 PAIR	FOOT	4895
87502310 TRAFFIC SIGNAL POST, PAINTED STEEL 16 FT	EACH	2
87700220 STEEL MAST ARM ASSEMBLY AND POLE, 36 FT	EACH	2
87702930 STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 40 FT	EACH	2
87800100 CONCRETE FOUNDATION, TYPE A	FOOT	7
87800150 CONCRETE FOUNDATION, TYPE C	FOOT	3.5
87800400 CONCRETE FOUNDATION, TYPE E, 30-INCH DIAMETER	FOOT	60
88040090 SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4
88040150 SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	8
88040160 SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4
88200100 TRAFFIC SIGNAL BACKPLATE	EACH	8
88500100 INDUCTIVE LOOP DETECTOR	EACH	10
88500200 INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT	EACH	6
88600100 DETECTOR LOOP, TYPE 1	FOOT	1328
X0300737 RADIO TRANSCEIVER	EACH	1
XX006661 UNINTERRUPTIBLE POWER SUPPLY	EACH	1
XX003813 ELECTRIC CABLE IN CONDUIT, NO. 10 3/C	FOOT	345



STREET NAME SIGN
 MAST ARM MOUNTED
 IL 13: STA. 1038+46, 37' LT
 STA. 1039+59, 37' RT



STREET NAME SIGN
 MAST ARM MOUNTED
 IL 34: STA. 1671+45, 29' LT
 STA. 1672+29, 29' RT



R10-12
 24" X 30"
 MAST ARM MOUNTED
 IL 13: STA. 1038+46, 10' LT
 STA. 1039+59, 10' RT
 IL 34: STA. 1671+45, 6' LT
 STA. 1672+29, 6' RT

GENERAL NOTES

- ALL ELECTRIC CABLE AND CONDUIT QUANTITIES ARE ROUNDED UP TO THE NEAREST 5 FEET.
- THE FURNISHING AND INSTALLATION OF THE 1-1/4" CONDUIT WITH ITS TRENCHING AND BACKFILL FROM THE LOOP SAWCUT TO THE SPLICE POINT WILL BE INCIDENTAL TO THE LOOP INSTALLATION AND SEPARATE PAYMENT WILL NOT BE MADE FOR THIS WORK.
- THE INDUCTION LOOP WIRE AND LEAD-IN WIRE SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION OR AS INDICATED ON THE PLANS
- SHIELDED CABLE TO LOOP LEADS SHALL BE GROUNDED AT THE CONTROLLER TERMINAL ONLY.
- DETECTOR LOOPS SHALL BE INSTALLED PRIOR TO FINAL SURFACE INSTALLATION. THE DETECTOR LOOP CORNERS SHALL BE DIAGONALLY CUT. IF RESURFACING IS NOT INCLUDED, THEN THE DETECTOR LOOP CORNERS SHALL BE CORE DRILLED 2" MINIMUM DIAMETER.
- WHILE SIGNAL HEADS ARE MOUNTED IN PLACE, BUT NOT YET IN OPERATION, THEY SHALL BE SECURELY COVERED IN WHITE PLASTIC.
- EXISTING SURFACE DISTURBED DURING EXCAVATION FOR FOUNDATIONS AND PUSH PITS SHALL BE RESTORED TO THE LIMITS AND CONDITION SPECIFIED BY THE ENGINEER OR AS SHOWN ON THE PLANS. UNLESS NOTED OTHERWISE ON THE PLANS THE REMOVAL AND RESTORATION SHALL BE INCLUDED IN THE CONTRACT.
- THE FINAL LOCATION OF THE DETECTOR LOOPS, AND TRAFFIC SIGNAL FOUNDATIONS, SHALL BE APPROVED BY THE BUREAU OF OPERATIONS BEFORE INSTALLATION.
- IN AREAS WHERE MULTIPLE RUNS OF PARALLEL CONDUIT ARE IN THE SAME LOCATION, TRENCH AND BACKFILL WILL ONLY BE PAID FOR ONCE.
- THE LIGHT POLES SHALL BE SIGNED WITH THE POLE NUMBER ONLY, AS SHOWN ON THE WIRING DIAGRAM.
- CABLE QUANTITIES ARE MEASURED IN PLAN VIEW.
- SAWED SLOTS FOR TWISTED PAIR ELECTRIC CABLE SHALL BE LARGER THAN SINGLE CONDUCTOR LOOP SLOTS.
- ALL DETECTOR LOOPS SHALL BE INSTALLED PRIOR TO RESURFACING.
- ALL PROPOSED MAST ARMS SHALL BE LOCATED NO CLOSER THAN 6 FT. FROM FACE OF CURB TO THE CENTER OF POLE; ALL PROPOSED TRAFFIC SIGNAL POSTS SHALL BE LOCATED NO CLOSER THAN 4-1/2' FROM THE FACE OF CURB TO CENTER OF THE POST, UNLESS OTHERWISE SHOWN ON THE PLANS.
- PROPOSED LIGHT POLE FOUNDATIONS SHALL BE FLUSH WITH EXISTING SURFACE.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC OPERATIONS 72 HOUR PRIOR TO THE SHUT-DOWN OR CUTTING OF EXISTING DETECTOR LOOPS.
- THE DISTRICT BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 10 DAYS PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS.
- CONCRETE IN-GROUND FOUNDATIONS FOR LIGHT POLES MAY BE USED INSTEAD OF POLE FOUNDATIONS, STEEL. THE COST OF THE FOUNDATION SHALL BE THE CONTRACT UNIT PRICE FOR POLE FOUNDATION, STEEL.

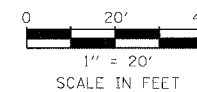
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 IL RTE 13 & IL RTE 34
 TRAFFIC SIGNAL
 SCHEDULE OF QUANTITIES
 AND SIGN DETAILS
 SCALE: NONE
 DATE: 10/09/06
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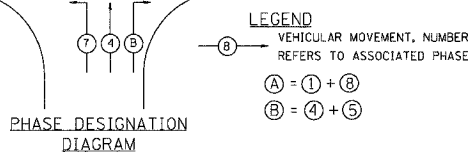
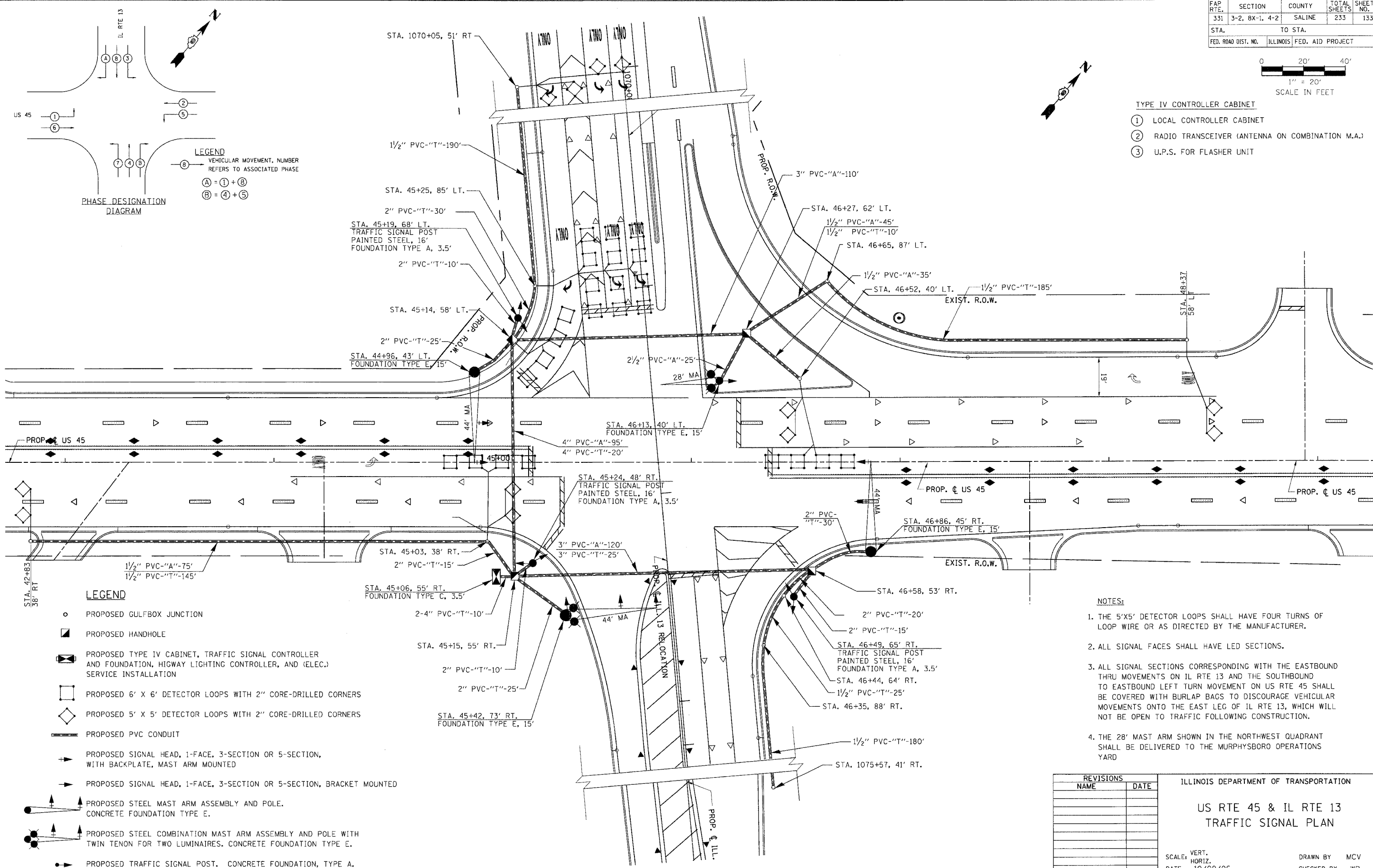
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FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	133
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



TYPE IV CONTROLLER CABINET

- ① LOCAL CONTROLLER CABINET
- ② RADIO TRANSCEIVER (ANTENNA ON COMBINATION M.A.)
- ③ U.P.S. FOR FLASHER UNIT



- LEGEND**
- PROPOSED GULFBOX JUNCTION
 - ◻ PROPOSED HANDHOLE
 - ◻ PROPOSED TYPE IV CABINET, TRAFFIC SIGNAL CONTROLLER AND FOUNDATION, HIGHWAY LIGHTING CONTROLLER, AND (ELEC.) SERVICE INSTALLATION
 - ◻ PROPOSED 6' X 6' DETECTOR LOOPS WITH 2" CORE-DRILLED CORNERS
 - ◻ PROPOSED 5' X 5' DETECTOR LOOPS WITH 2" CORE-DRILLED CORNERS
 - PROPOSED PVC CONDUIT
 - ➔ PROPOSED SIGNAL HEAD, 1-FACE, 3-SECTION OR 5-SECTION, WITH BACKPLATE, MAST ARM MOUNTED
 - ➔ PROPOSED SIGNAL HEAD, 1-FACE, 3-SECTION OR 5-SECTION, BRACKET MOUNTED
 - ➔ PROPOSED STEEL MAST ARM ASSEMBLY AND POLE. CONCRETE FOUNDATION TYPE E.
 - ➔ PROPOSED STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH TWIN TENON FOR TWO LUMINAIRES. CONCRETE FOUNDATION TYPE E.
 - ➔ PROPOSED TRAFFIC SIGNAL POST. CONCRETE FOUNDATION, TYPE A.

- NOTES:**
1. THE 5'X5' DETECTOR LOOPS SHALL HAVE FOUR TURNS OF LOOP WIRE OR AS DIRECTED BY THE MANUFACTURER.
 2. ALL SIGNAL FACES SHALL HAVE LED SECTIONS.
 3. ALL SIGNAL SECTIONS CORRESPONDING WITH THE EASTBOUND THRU MOVEMENTS ON IL RTE 13 AND THE SOUTHBOUND TO EASTBOUND LEFT TURN MOVEMENT ON US RTE 45 SHALL BE COVERED WITH BURLAP BAGS TO DISCOURAGE VEHICULAR MOVEMENTS ONTO THE EAST LEG OF IL RTE 13, WHICH WILL NOT BE OPEN TO TRAFFIC FOLLOWING CONSTRUCTION.
 4. THE 28' MAST ARM SHOWN IN THE NORTHWEST QUADRANT SHALL BE DELIVERED TO THE MURPHYSBORO OPERATIONS YARD

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

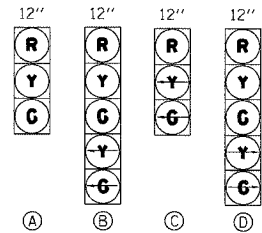
US RTE 45 & IL RTE 13
TRAFFIC SIGNAL PLAN

SCALE: VERT. 1" = 20'
HORIZ. 1" = 20'
DATE 10/09/06

DRAWN BY MCV
CHECKED BY WB

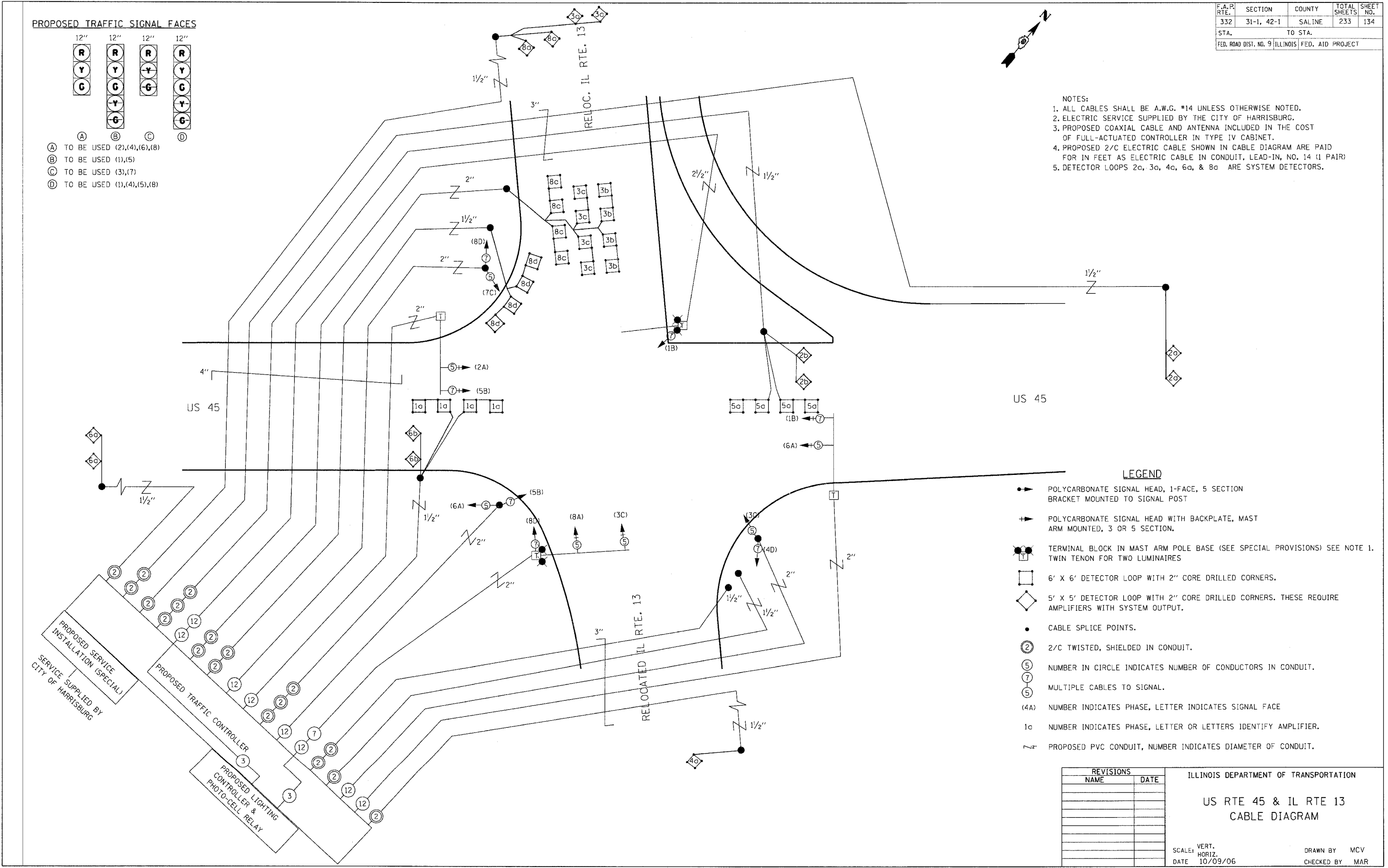
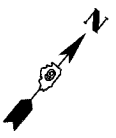
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	31-1, 42-1	SALINE	233	134
STA.	TO STA.			
FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT				

PROPOSED TRAFFIC SIGNAL FACES



- (A) TO BE USED (2),(4),(6),(8)
- (B) TO BE USED (1),(5)
- (C) TO BE USED (3),(7)
- (D) TO BE USED (1),(4),(5),(8)

- NOTES:
- ALL CABLES SHALL BE A.W.G. #14 UNLESS OTHERWISE NOTED.
 - ELECTRIC SERVICE SUPPLIED BY THE CITY OF HARRISBURG.
 - PROPOSED COAXIAL CABLE AND ANTENNA INCLUDED IN THE COST OF FULL-ACTUATED CONTROLLER IN TYPE IV CABINET.
 - PROPOSED 2/C ELECTRIC CABLE SHOWN IN CABLE DIAGRAM ARE PAID FOR IN FEET AS ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 (1 PAIR)
 - DETECTOR LOOPS 2a, 3a, 4a, 6a, & 8a ARE SYSTEM DETECTORS.



LEGEND

- POLYCARBONATE SIGNAL HEAD, 1-FACE, 5 SECTION BRACKET MOUNTED TO SIGNAL POST
- POLYCARBONATE SIGNAL HEAD WITH BACKPLATE, MAST ARM MOUNTED, 3 OR 5 SECTION.
- ⊕ TERMINAL BLOCK IN MAST ARM POLE BASE (SEE SPECIAL PROVISIONS) SEE NOTE 1. TWIN TENON FOR TWO LUMINAIRES
- 6' X 6' DETECTOR LOOP WITH 2" CORE DRILLED CORNERS.
- ◇ 5' X 5' DETECTOR LOOP WITH 2" CORE DRILLED CORNERS. THESE REQUIRE AMPLIFIERS WITH SYSTEM OUTPUT.
- CABLE SPLICE POINTS.
- ② 2/C TWISTED, SHIELDED IN CONDUIT.
- ⑤ NUMBER IN CIRCLE INDICATES NUMBER OF CONDUCTORS IN CONDUIT.
- ⑦ MULTIPLE CABLES TO SIGNAL.
- (4A) NUMBER INDICATES PHASE, LETTER INDICATES SIGNAL FACE
- 1a NUMBER INDICATES PHASE, LETTER OR LETTERS IDENTIFY AMPLIFIER.
- ~ 2" PROPOSED PVC CONDUIT, NUMBER INDICATES DIAMETER OF CONDUIT.

REVISIONS	
NAME	DATE

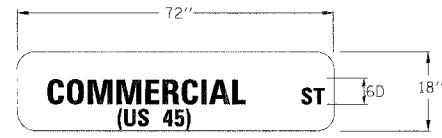
ILLINOIS DEPARTMENT OF TRANSPORTATION
 US RTE 45 & IL RTE 13
 CABLE DIAGRAM

SCALE: VERT. HORIZ. DATE 10/09/06 DRAWN BY MCV CHECKED BY MAR

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	135
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

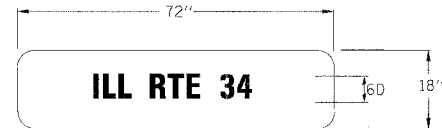
SCHEDULE OF QUANTITIES

PAY ITEMS	UNIT	TOTAL QUANT.
72000100 SIGN PANEL, TYPE 1	SQ FT	46
80300100 LOCATING UNDERGROUND CABLE	FOOT	1113
80500105 SERVICE INSTALLATION TYPE A (MODIFIED)	L SUM	1
81012500 CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	735
81012600 CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	180
81012800 CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	25
81013000 CONDUIT IN TRENCH, 4" DIA., PVC	FOOT	40
81021540 CONDUIT, AUGERED, 1 1/2" DIA., PVC	FOOT	155
81021560 CONDUIT, AUGERED, 2 1/2" DIA., PVC	FOOT	25
81021570 CONDUIT, AUGERED, 3" DIA., PVC	FOOT	230
81021590 CONDUIT, AUGERED, 4" DIA., PVC	FOOT	95
81400100 HANDHOLE	EACH	4
81500110 GULFBOX JUNCTION	EACH	9
81900200 TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1170
82103900 LUMINAIRE, SODIUM VAPOR, MULTIMOUNT, 250 WATT	EACH	4
82500605 LIGHTING CONTROLLER - PHOTOCELL RELAY	EACH	1
85700200 FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
87301245 ELECTRIC CABLE IN CONDUIT SIGNAL NO. 14 5C	FOOT	250
87301255 ELECTRIC CABLE IN CONDUIT SIGNAL NO. 14 7C	FOOT	195
87301275 ELECTRIC CABLE IN CONDUIT SIGNAL NO. 14 12C	FOOT	1480
87301305 ELECTRIC CABLE IN CONDUIT LEAD-IN, NO. 14, 1 PAIR	FOOT	4150
87502310 TRAFFIC SIGNAL POST, PAINTED STEEL 16'	EACH	3
87700260 STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	2
87702870 STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1
87702950 STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1
87800100 CONCRETE FOUNDATION, TYPE A	FOOT	10.5
87800150 CONCRETE FOUNDATION, TYPE C	FOOT	3.5
87800400 CONCRETE FOUNDATION, TYPE E, 30-INCH DIAMETER	FOOT	60
88040070 SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
88040090 SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4
88040150 SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	5
88040160 SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2
88200100 TRAFFIC SIGNAL BACKPLATE	EACH	8
88500100 INDUCTIVE LOOP DETECTOR	EACH	8
88500200 INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT	EACH	4
88600100 DETECTOR LOOP, TYPE 1	FOOT	1231
X0300737 RADIO TRANSCEIVER	EACH	1
XX006661 UNINTERRUPTIBLE POWER SUPPLY	EACH	1
XX003813 ELECTRIC CABLE IN CONDUIT, NO. 10 3/C	FOOT	360



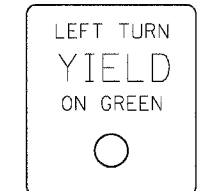
STREET NAME SIGN

MAST ARM MOUNTED
STA. 45+45, 70' RT.
STA. 46+06, 38' LT.



STREET NAME SIGN

MAST ARM MOUNTED
STA. 44+96, 18' LT.
STA. 46+86, 18' RT.



R10-12
24" X 30"
MAST ARM MOUNTED
STA. 44+96, 7' LT.
STA. 46+86, 7' RT.

GENERAL NOTES

- ALL ELECTRIC CABLE AND CONDUIT QUANTITIES ARE ROUNDED UP TO THE NEAREST 5 FEET.
- THE FURNISHING AND INSTALLATION OF THE 1-1/4" CONDUIT WITH ITS TRENCHING AND BACKFILL FROM THE LOOP SAWCUT TO THE SPLICE POINT WILL BE INCIDENTAL TO THE LOOP INSTALLATION AND SEPARATE PAYMENT WILL NOT BE MADE FOR THIS WORK.
- THE INDUCTION LOOP WIRE AND LEAD-IN WIRE SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION OR AS INDICATED ON THE PLANS
- SHIELDED CABLE TO LOOP LEADS SHALL BE GROUNDED AT THE CONTROLLER TERMINAL ONLY.
- DETECTOR LOOPS SHALL BE INSTALLED PRIOR TO FINAL SURFACE INSTALLATION. THE DETECTOR LOOP CORNERS SHALL BE DIAGONALLY CUT. IF RESURFACING IS NOT INCLUDED, THEN THE DETECTOR LOOP CORNERS SHALL BE CORE DRILLED 2" MINIMUM DIAMETER.
- WHILE SIGNAL HEADS ARE MOUNTED IN PLACE, BUT NOT YET IN OPERATION, THEY SHALL BE SECURELY COVERED IN WHITE PLASTIC.
- EXISTING SURFACE DISTURBED DURING EXCAVATION FOR FOUNDATIONS AND PUSH PITS SHALL BE RESTORED TO THE LIMITS AND CONDITION SPECIFIED BY THE ENGINEER OR AS SHOWN ON THE PLANS. UNLESS NOTED OTHERWISE ON THE PLANS THE REMOVAL AND RESTORATION SHALL BE INCLUDED IN THE CONTRACT.
- THE FINAL LOCATION OF THE DETECTOR LOOPS, AND TRAFFIC SIGNAL FOUNDATIONS, SHALL BE APPROVED BY THE BUREAU OF OPERATIONS BEFORE INSTALLATION.
- IN AREAS WHERE MULTIPLE RUNS OF PARALLEL CONDUIT ARE IN THE SAME LOCATION, TRENCH AND BACKFILL WILL ONLY BE PAID FOR ONCE.
- THE LIGHT POLES SHALL BE SIGNED WITH THE POLE NUMBER ONLY, AS SHOWN ON THE WIRING DIAGRAM.
- CABLE QUANTITIES ARE MEASURED IN PLAN VIEW.
- SAWED SLOTS FOR TWISTED PAIR ELECTRIC CABLE SHALL BE LARGER THAN SINGLE CONDUCTOR LOOP SLOTS.
- ALL DETECTOR LOOPS SHALL BE INSTALLED PRIOR TO RESURFACING.
- ALL PROPOSED MAST ARMS SHALL BE LOCATED NO CLOSER THAN 6 FT. FROM FACE OF CURB TO THE CENTER OF POLE; ALL PROPOSED TRAFFIC SIGNAL POSTS SHALL BE LOCATED NO CLOSER THAN 4-1/2' FROM THE FACE OF CURB TO CENTER OF THE POST, UNLESS OTHERWISE SHOWN ON THE PLANS.
- PROPOSED LIGHT POLE FOUNDATIONS SHALL BE FLUSH WITH EXISTING SURFACE.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC OPERATIONS 72 HOUR PRIOR TO THE SHUT-DOWN OR CUTTING OF EXISTING DETECTOR LOOPS.
- THE DISTRICT BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 10 DAYS PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS.
- CONCRETE IN-GROUND FOUNDATIONS FOR LIGHT POLES MAY BE USED INSTEAD OF POLE FOUNDATIONS, STEEL. THE COST OF THE FOUNDATIONSHALL BE THE CONTRACT UNIT PRICE FOR POLE FOUNDATION, STEEL.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

US RTE 45 & IL RTE 13
TRAFFIC SIGNAL
SUMMARY OF QUANTITIES
AND SIGN DETAILS

SCALE: NONE
DATE: 10/09/06
DRAWN BY: MCV
CHECKED BY: WB

DRAWN BY: _____
CHECKED BY: _____

FAP. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	136

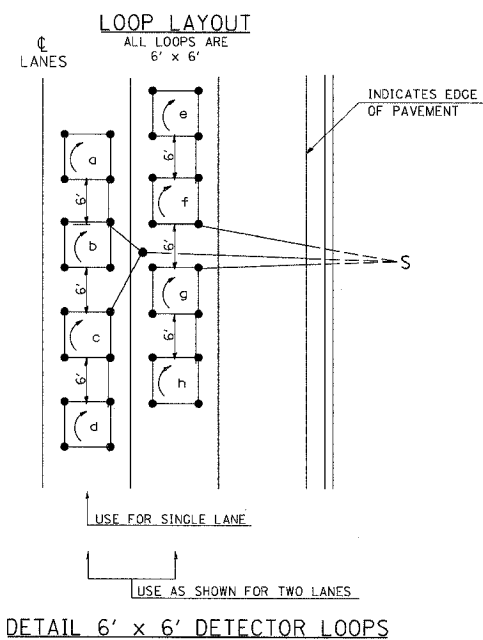
STA.	TO STA.
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

DETAIL OF DETECTOR LOOPS

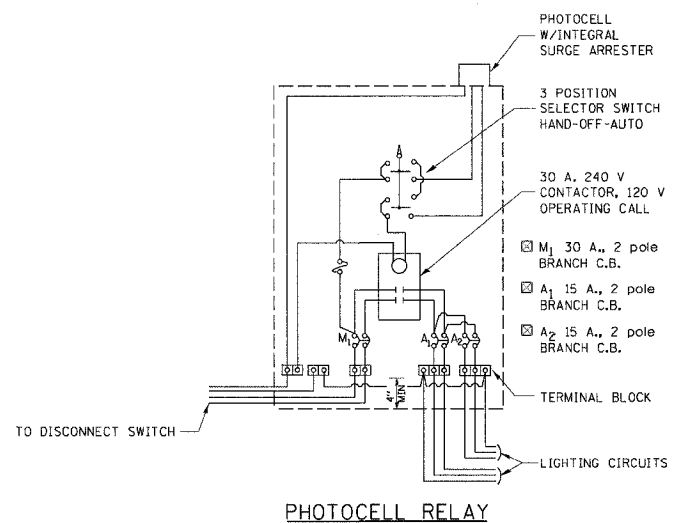
- NOTES**
(APPLIES TO 6' x 6' LOOPS ONLY)
1. THE DETECTOR LOOPS SHALL BE TYPE I. EACH DETECTOR LOOP SHALL HAVE 3 TURNS OF LOOP WIRE AND BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 886 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
 2. BEGINNING LEAD WIRES SHALL BE CONNECTED TO THE BLACK LEAD AND THE ENDING LEAD WIRES SHALL BE CONNECTED TO THE WHITE LEAD OF THE TWIN TWISTED FEED CABLES AT THE SPLICE POINT.
 3. WHERE THE LOOPS ARE INSTALLED PRIOR TO RESURFACING, THE LOOP CORNERS SHALL BE DIAGONALLY CUT.

LOOP LEGEND

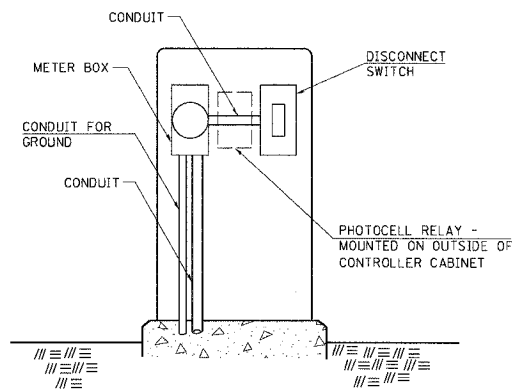
- () CLOCKWISE ROTATION FOR LOOP WIRES
- S INDICATES SPLICE POINT FOR DETECTOR LOOP LEAD
- INDICATES 2" CORE-DRILL



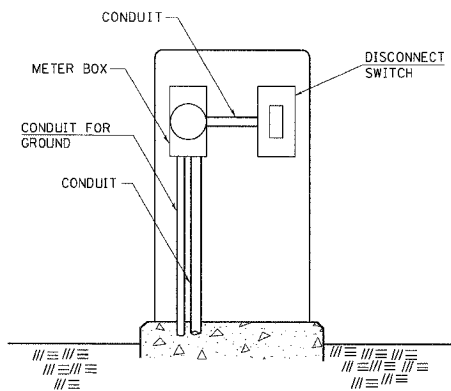
OUTDOOR LIGHTING CONTROL CABINET (GROUND MOUNT CABINET ONLY)



SERVICE INSTALLATION DETAILS



SERVICE INSTALLATION (SPECIAL)
WITH PHOTOCELL RELAY



SERVICE INSTALLATION (SPECIAL)

NOTE:
MATERIAL AND SIZE OF CONDUIT AND CABLE AS REQUIRED BY UTILITY COMPANY

DRAWN BY
CHECKED BY

M/PROJECTS/PROJ/326/ROADWAY/COMMON/Reference Files

REVISIONS

DATE	BY	REVISION
5-13-92	REVISION	
10-21-92	REVISION	
9-92	REVISION	

STD. 9-92

REVISIONS

DATE	BY	REVISION
5-18-90	REVISION	
5-13-92	REVISION	
9-92	REVISION	

STD. 9-76

REVISIONS

DATE	BY	REVISION
1-21-90	REVISION	
2-24-90	REVISION	
9-92	REVISION	

STD. 9-68

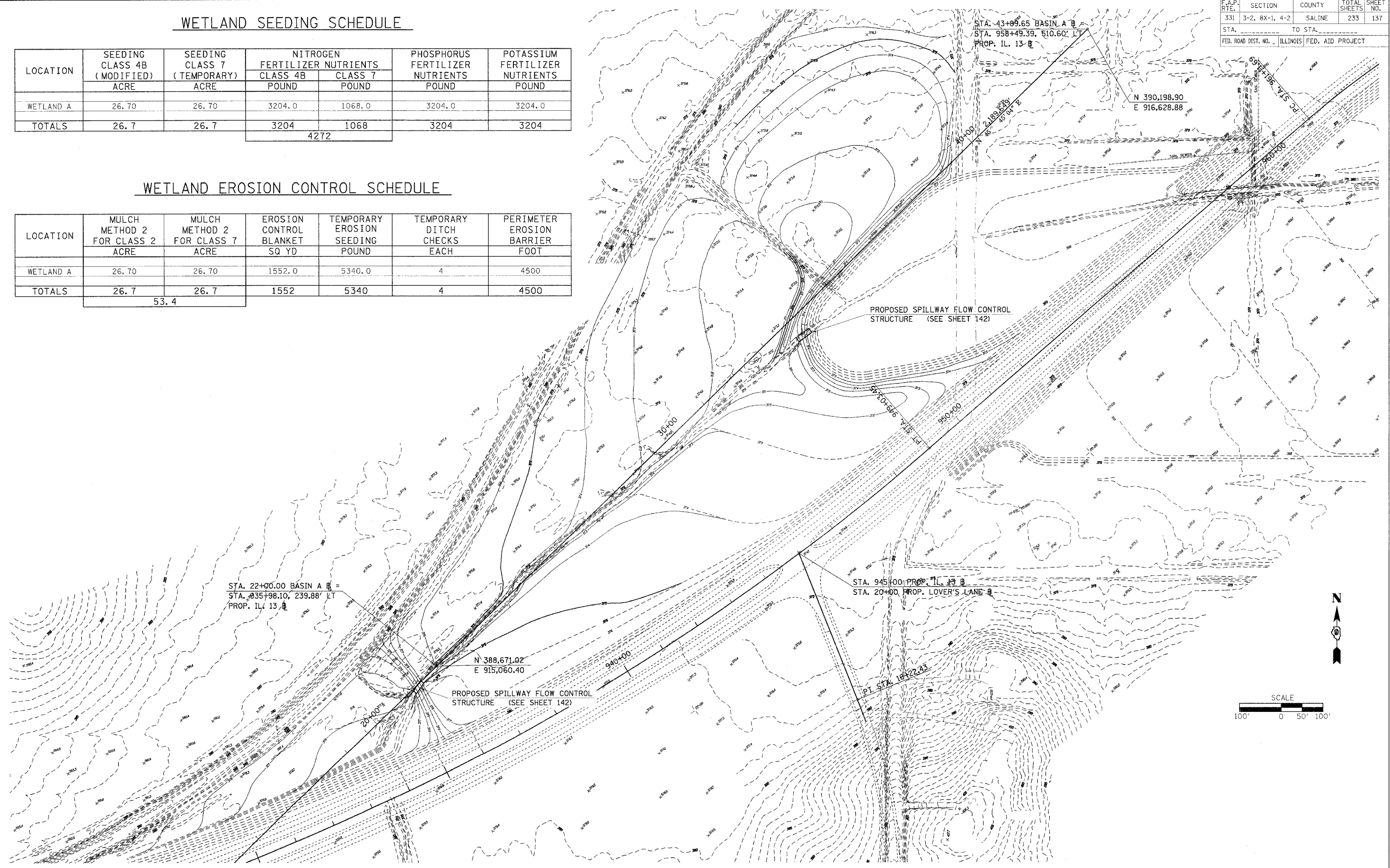
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	137
STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT		

WETLAND SEEDING SCHEDULE

LOCATION	SEEDING CLASS 4B (MODIFIED)	SEEDING CLASS 7 (TEMPORARY)	NITROGEN FERTILIZER NUTRIENTS		PHOSPHORUS FERTILIZER NUTRIENTS	POTASSIUM FERTILIZER NUTRIENTS
	ACRE	ACRE	CLASS 4B POUND	CLASS 7 POUND	POUND	POUND
WETLAND A	26.70	26.70	3204.0	1068.0	3204.0	3204.0
TOTALS	26.7	26.7	3204	1068	3204	3204
			4272			

WETLAND EROSION CONTROL SCHEDULE

LOCATION	MULCH METHOD 2 FOR CLASS 2	MULCH METHOD 2 FOR CLASS 7	EROSION CONTROL BLANKET	TEMPORARY EROSION SEEDING	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER
	ACRE	ACRE	SQ YD	POUND	EACH	FOOT
WETLAND A	26.70	26.70	1552.0	5340.0	4	4500
TOTALS	26.7	26.7	1552	5340	4	4500
53.4						

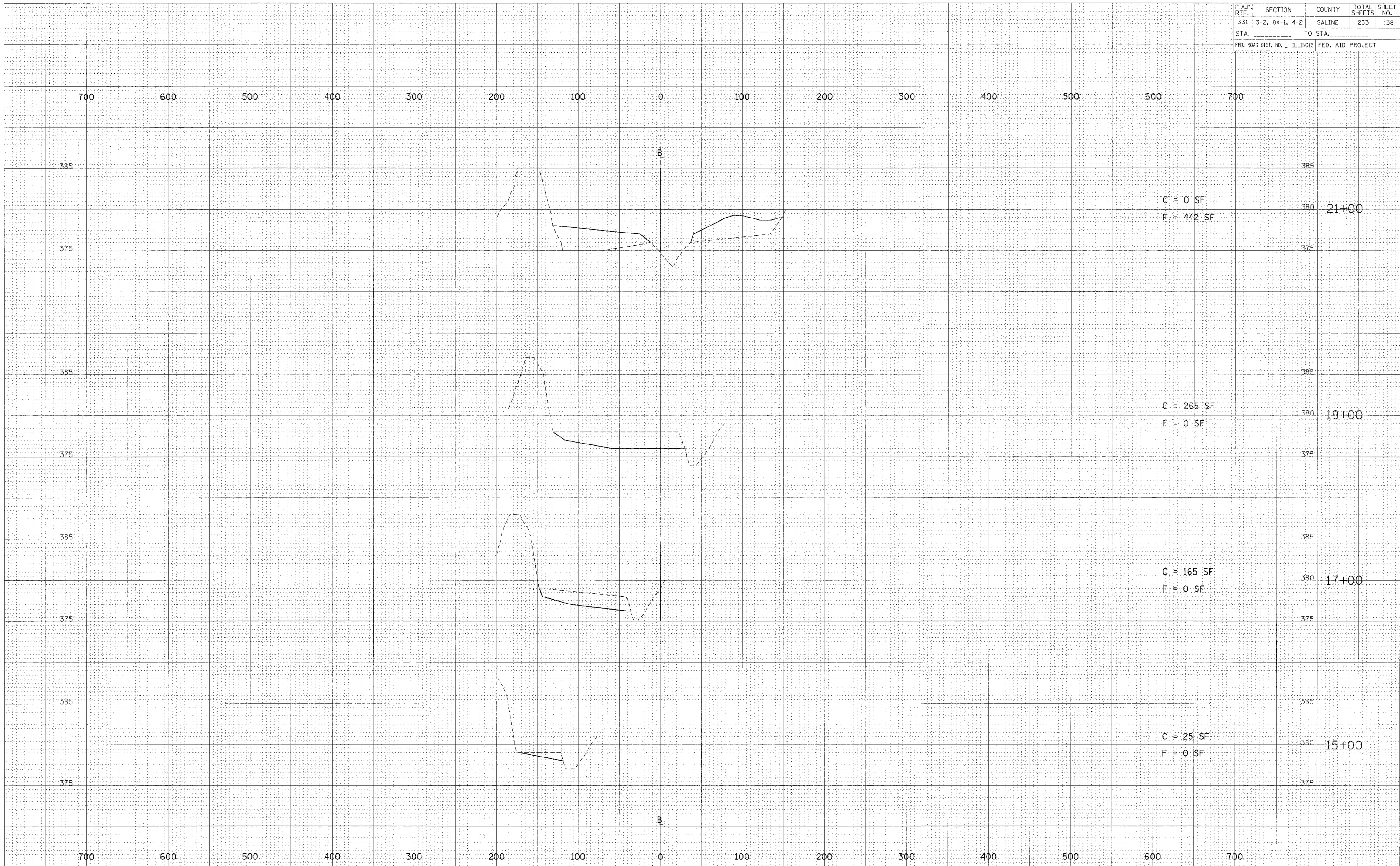


PLOT DATE = 10/18/2006
 FILE NAME = c:\p\projects\98627\1019145\Fox_river_wetland\sheet137.dwg
 USER NAME = jbrown

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	138
STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT		

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

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

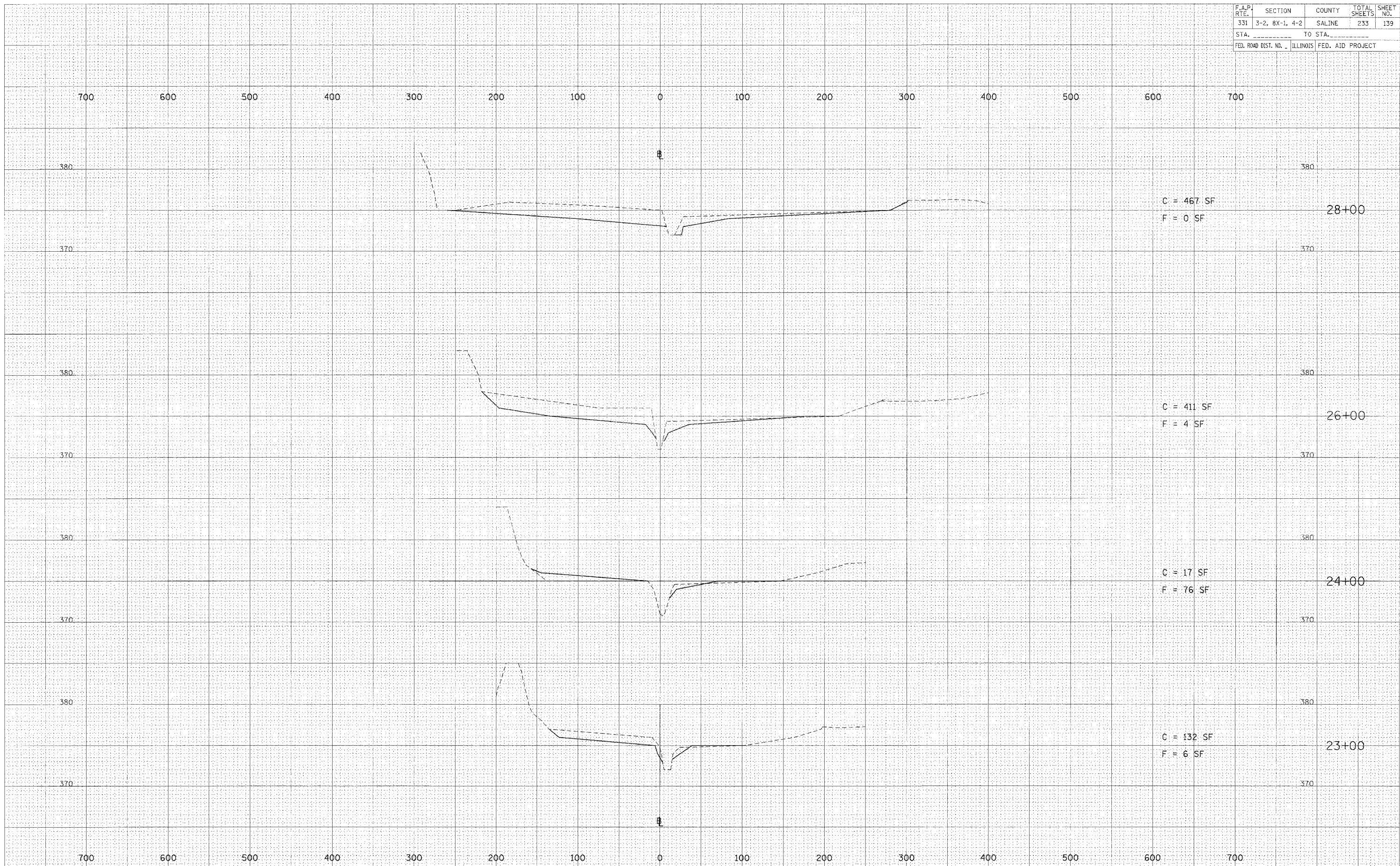


HORZ. SCALE: 1" = 50'
 VERT. SCALE: 1" = 5'

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	139
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	DATE
BY	
SURVEYED	
NOTED BY	
TOP-GATE	
AREAS CHECKED	
NO.	

ORIGINAL SURVEY	DATE
BY	
SURVEYED	
NOTED BY	
TOP-GATE	
AREAS CHECKED	
NO.	



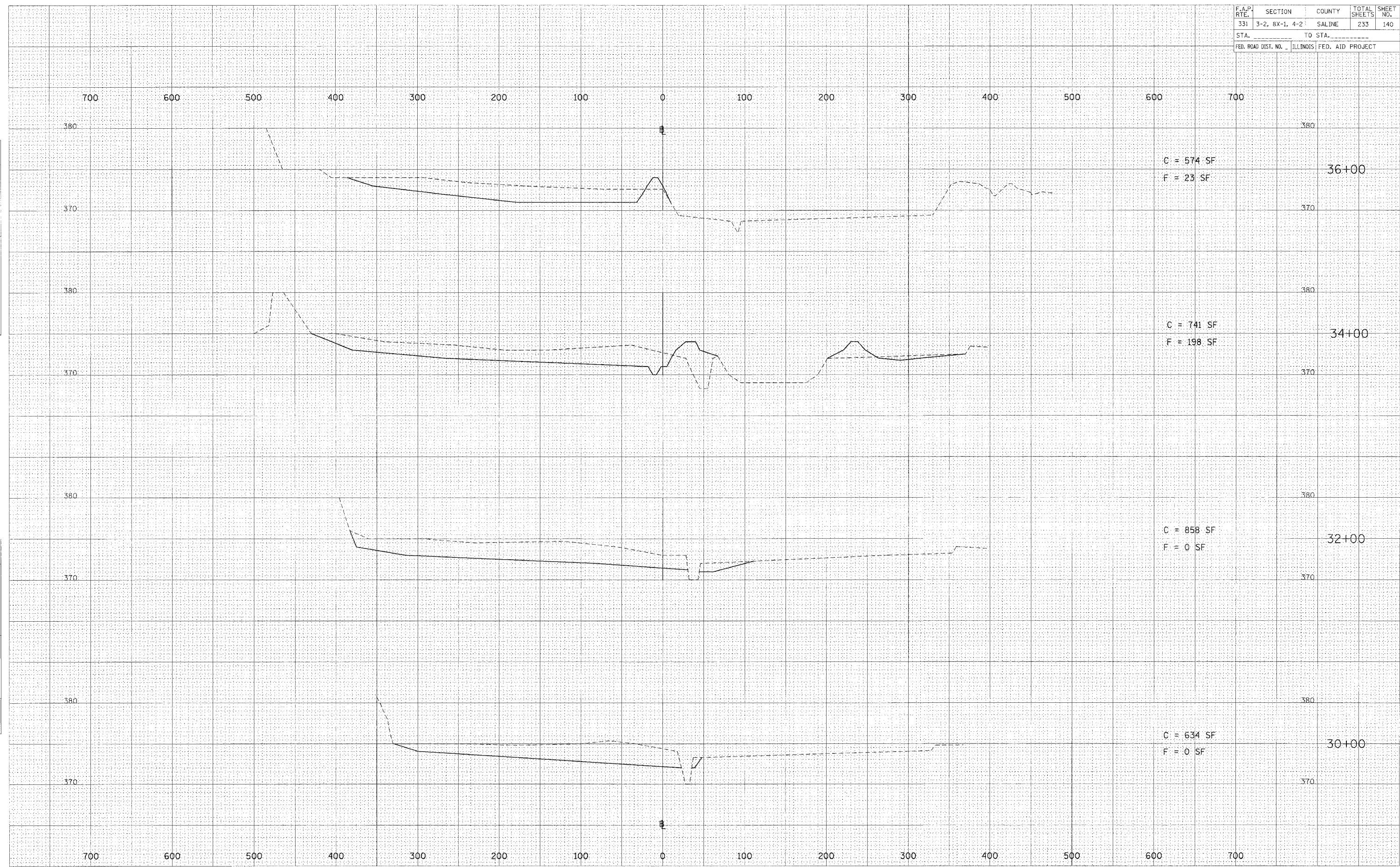
HORIZ. SCALE: 1" = 50'
 VERT. SCALE: 1" = 5'

WETLAND BASIN A CROSS SECTIONS - STA 23+00 TO 28+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	140
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

BY _____ DATE _____
 SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 AREAS CHECKED _____

BY _____ DATE _____
 SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 AREAS CHECKED _____



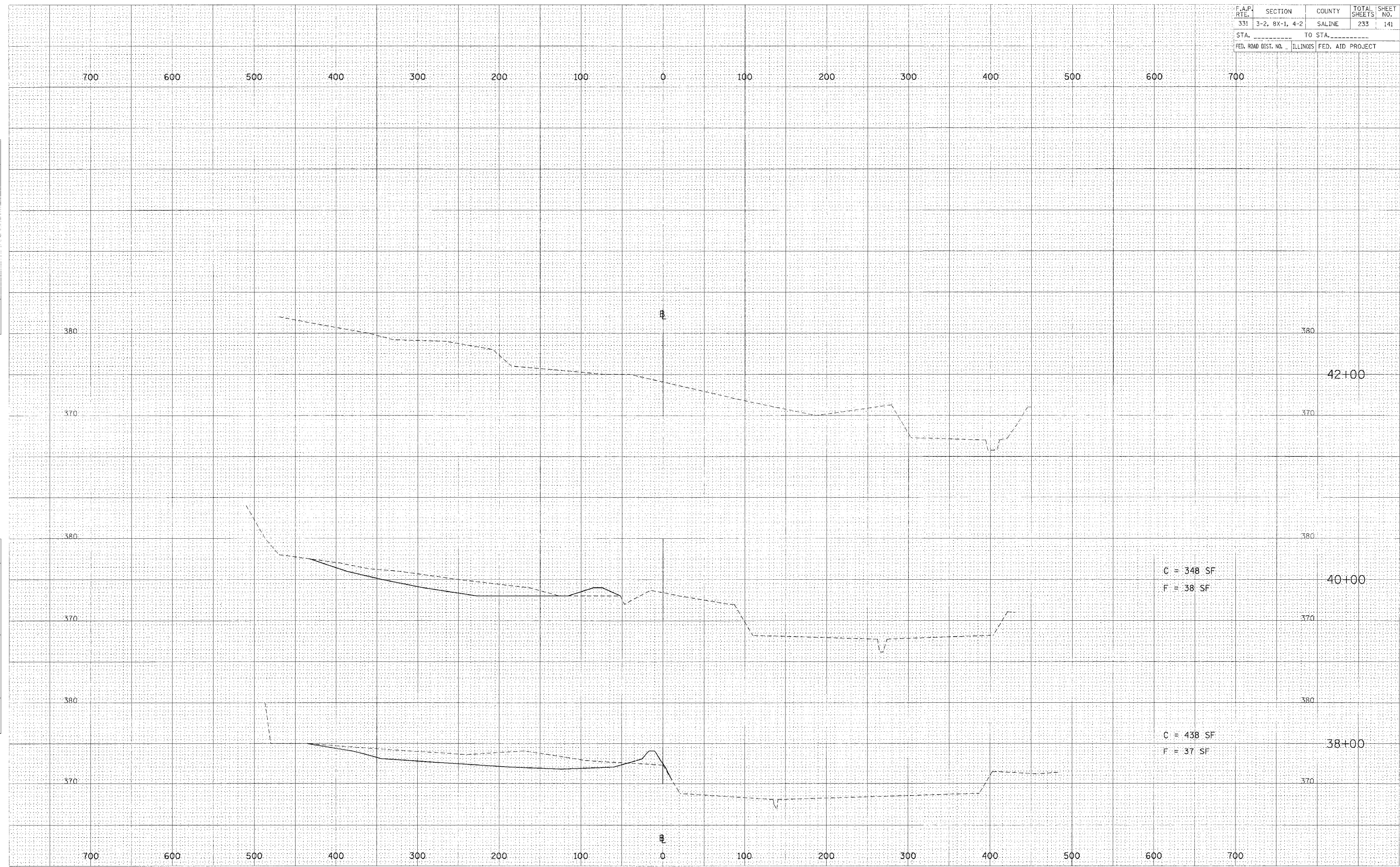
HORZ. SCALE: 1" = 50'
 VERT. SCALE: 1" = 5'

WETLAND BASIN A CROSS SECTIONS - STA 30+00 TO 36+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	141
STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT		

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

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



C = 348 SF
 F = 38 SF

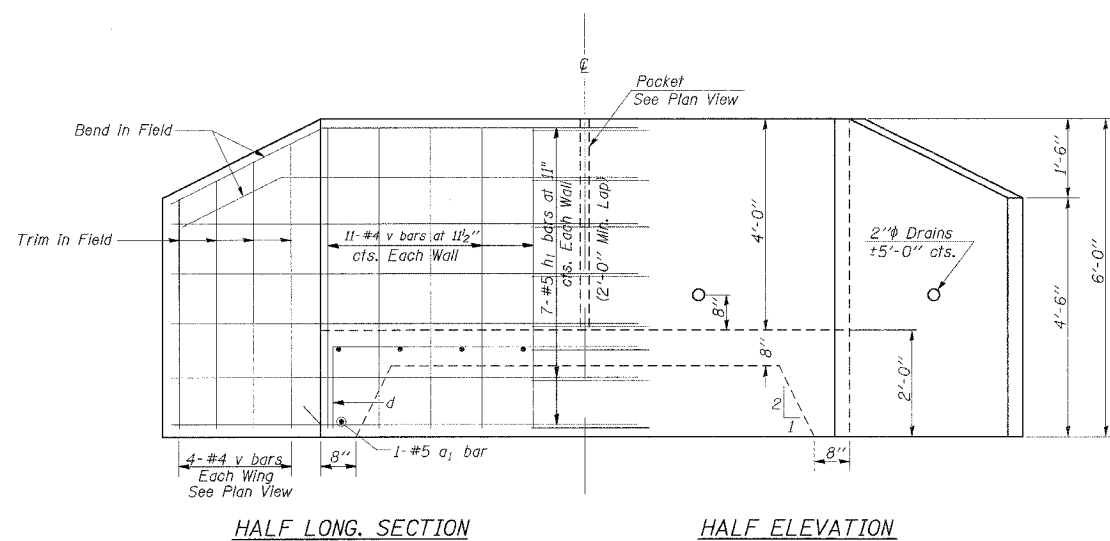
C = 438 SF
 F = 37 SF

HORZ. SCALE: 1" = 50'
 VERT. SCALE: 1" = 5'

WETLAND BASIN A CROSS SECTIONS - STA 38+00 TO 42+00

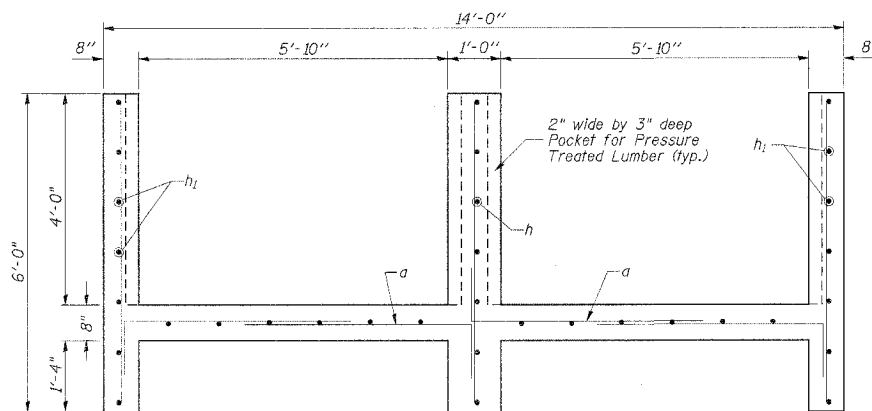
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	142
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

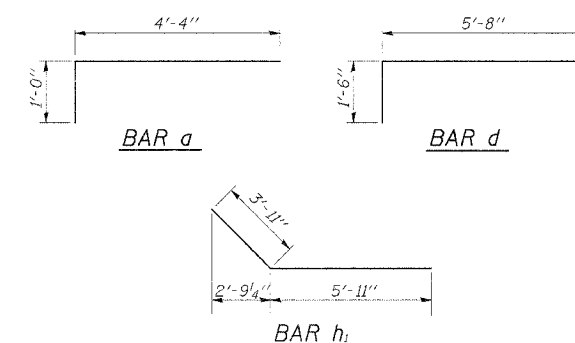


HALF LONG. SECTION

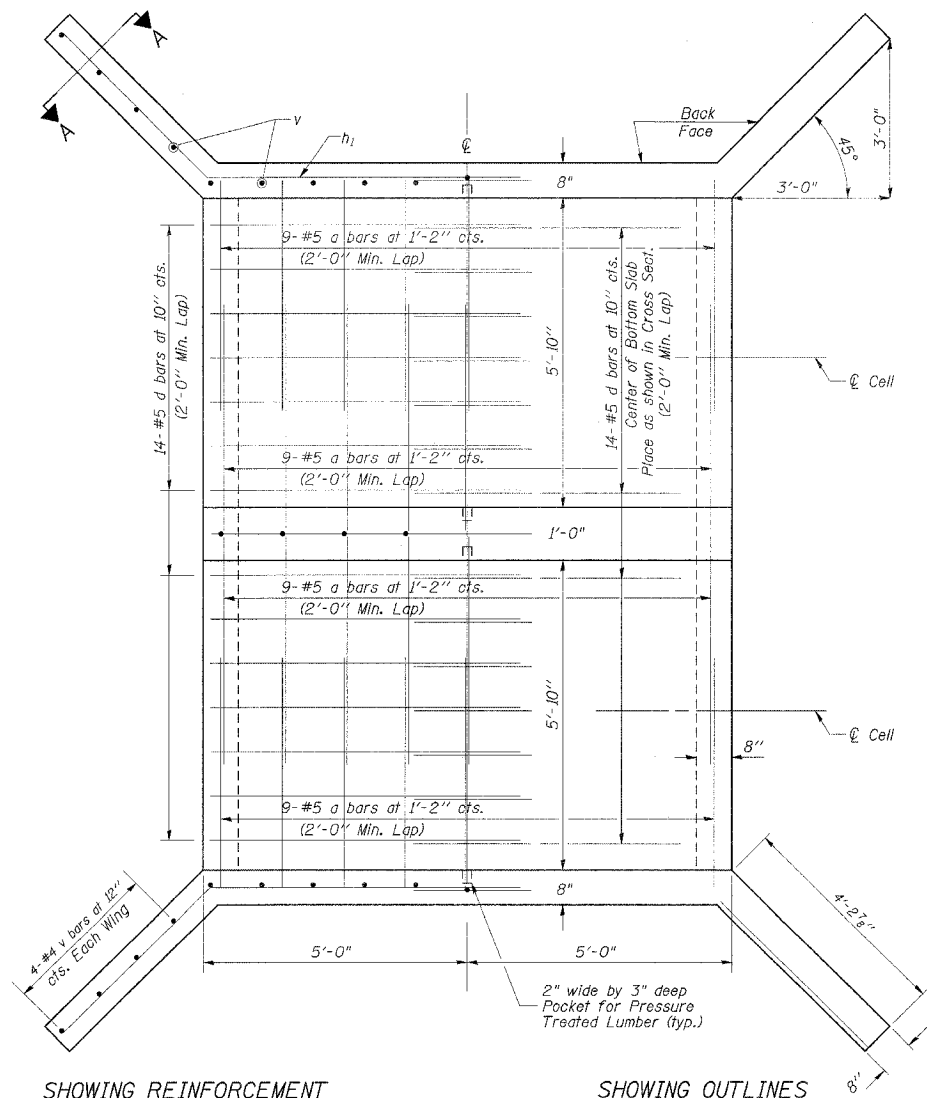
HALF ELEVATION



SECTION THRU BARREL



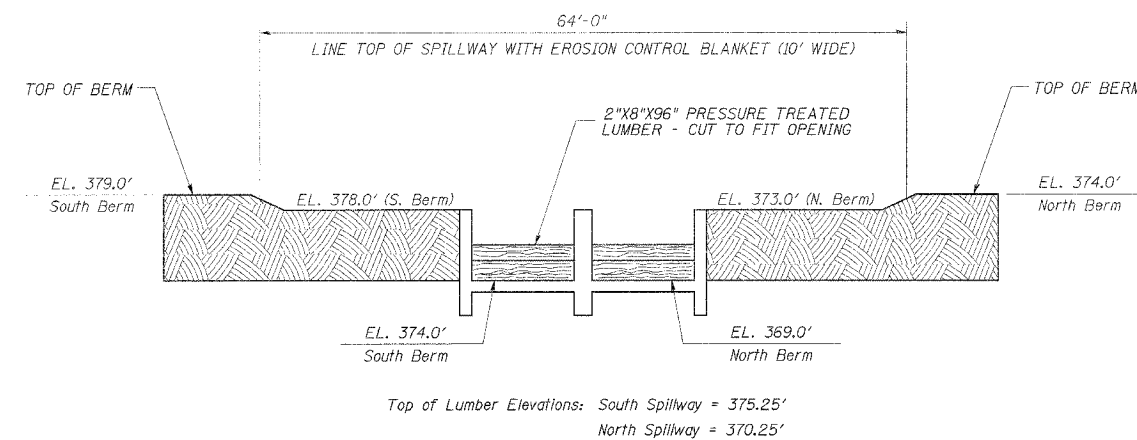
SPILLWAY DETAIL



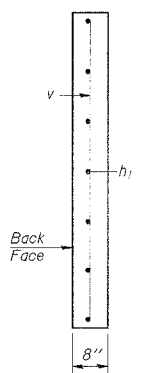
SHOWING REINFORCEMENT

SHOWING OUTLINES

PLAN



Top of Lumber Elevations: South Spillway = 375.25'
North Spillway = 370.25'



SECTION A-A

NOTES

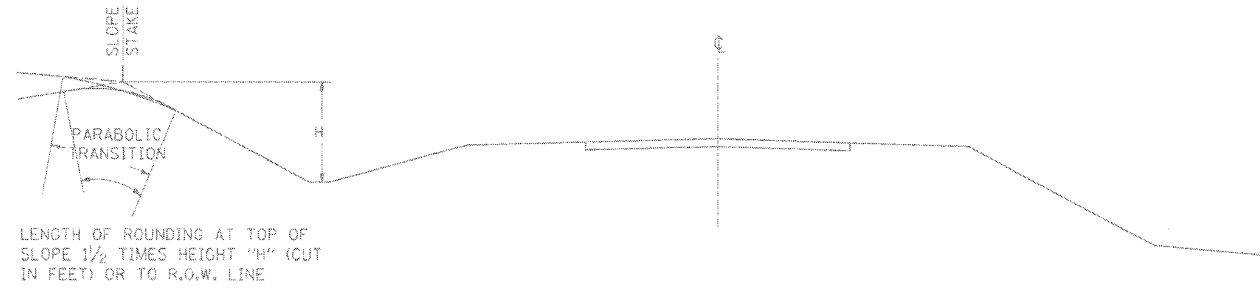
The entire barrel shall be poured monolithically with the wingwalls. Exposed edges shall be beveled 3/4". For backfilling and embankment, see Standard Specifications. Reinforcement Bars shall conform to the requirements of AASHTO M-31, M-42 or M-53, Grade 60. All reinforcement shall be placed in the center of each wall or slab. In addition, all clear distances shall be at least 2". The sections of Pressure Treated Lumber shall be included in the cost of Concrete Structures. The quantities shown are for one structure. There are two identical structures included in the contract.

BILL OF MATERIAL

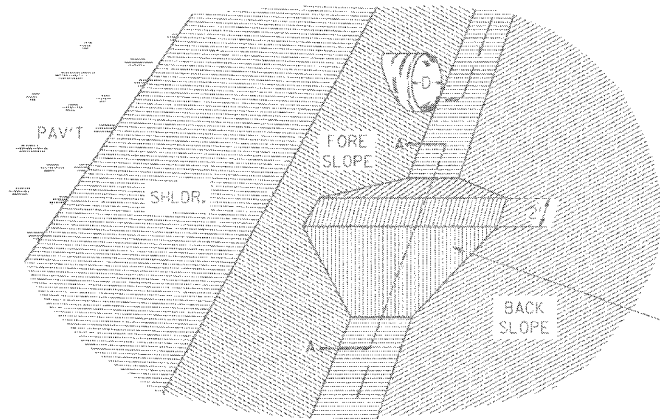
Bar	No.	Size	Length	Shape
a	36	#5	5'-4"	┌
a1	2	#5	13'-4"	—
d	28	#5	7'-2"	┌
h	7	#5	9'-8"	—
h1	14	#5	9'-10"	┌
v	47	#4	5'-8"	—
Concrete Structures			Cu. Yd.	11.35
Reinforcement Bars			Pound	830
2"x8"x96" Pressure Treated Lumber			Each	4

PLOT DATE = 10/15/2006
PLOT SCALE = 50:0000 / IN.
USER NAME = thomashf

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	143
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

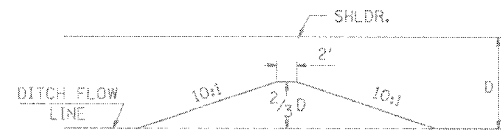


SECTION SHOWING TRANSITIONS OF PROPOSED SLOPES



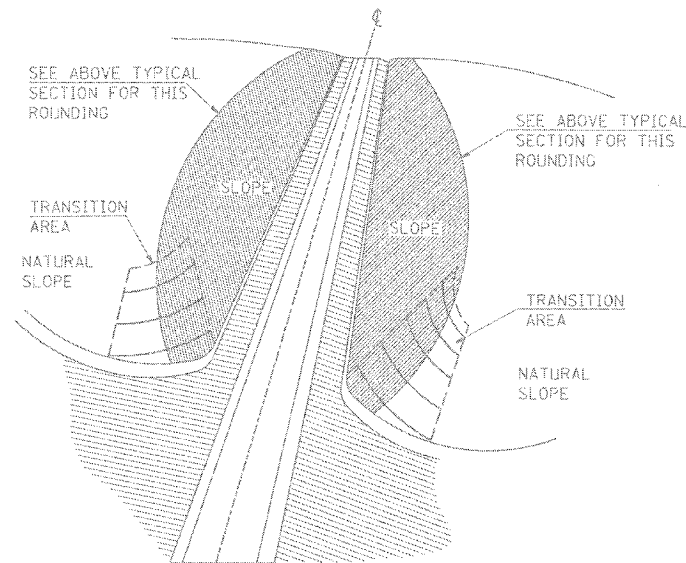
DITCH PLUG DETAIL

NOTE: DITCH PLUG TO BE CONSTRUCTED AS DIRECTED BY THE ENGINEER, INCLUDED IN THE EARTH EXCAVATION



SECTION A-A

EARTH DITCH PLUG TO BE CONSTRUCTED AT LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER, AND TO BE CONSIDERED INCLUDED IN THE EARTH EXCAVATION.



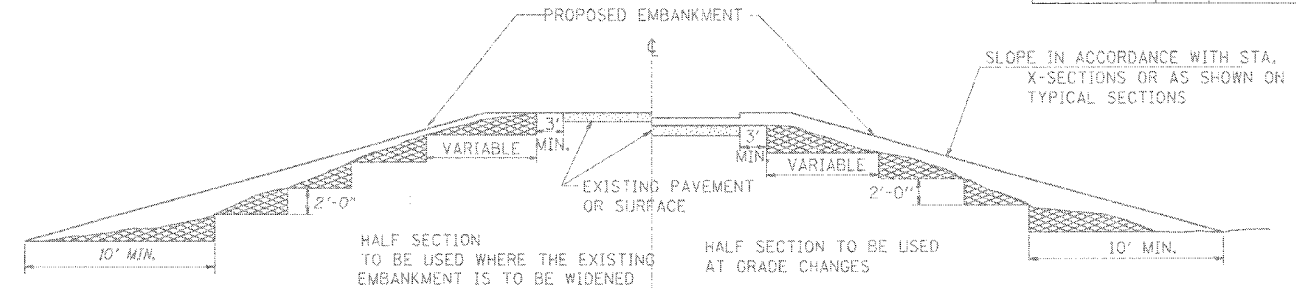
DETAIL OF SLOPE TO NATURAL GROUND TRANSITION

TRANSITION GRADING - TRANSITION GRADING BETWEEN CUT AND FILL SLOPES AND BETWEEN CUT SLOPES AND NATURAL GROUND WILL BE REQUIRED ON THIS IMPROVEMENT. THE TRANSITION SHALL BE ROUNDED AND STREAMLINED IN ORDER TO BLEND THE CUT SLOPES AND THE FILL SLOPES INTO EACH OTHER AND INTO THE ADJACENT TERRAIN. THE SLOPES AS SHOWN ON THE CROSS-SECTIONS IN THESE PLANS MAY BE VARIED SOMEWHAT IN THE TRANSITION AREAS AS DIRECTED BY THE ENGINEER IN ORDER TO MEET THIS GRADING REQUIREMENT. THE QUANTITIES OF EARTH EXCAVATION INVOLVED ARE INCLUDED IN THE BALANCE QUANTITIES SHOWN ON THE PLANS AND NO OTHER COMPENSATION WILL BE ALLOWED.

REVISIONS	
REDRAWN	2-15-89

STD. 9-17

TYPICAL SECTIONS OF TRANSITIONS OF SLOPES AND INCIDENTAL GRADING

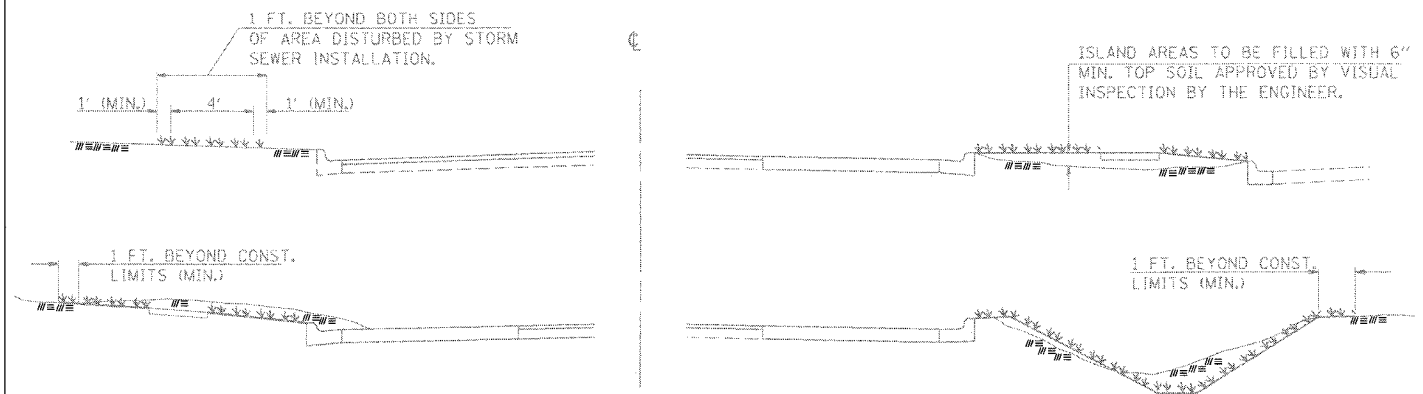


MATERIAL TO BE REMOVED AND REPLACED IN THE EMBANKMENT IN ACCORDANCE WITH ART. 205.04 OF THE STANDARD SPECIFICATION. COST TO BE INCLUDED IN THE VARIOUS ITEMS OF EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED BECAUSE OF THIS WORK.

TYPICAL CROSS SECTION SHOWING STEP CONSTRUCTION ON EXISTING FILL

REVISIONS	
REDRAWN	2-15-89
REVISED	8-15-94
CHECKED	6-3-99

STD. 9-16



GENERAL NOTES

SEEDING, CLASS 1B SHALL BE USED BEHIND ALL CURB AND GUTTER TO 1 FT. BEYOND CONSTRUCTION LIMITS.

*** INDICATES LIMITS OF SEEDING & MULCHING

IN GENERAL, ALL EARTH SURFACES DISTURBED DURING CONSTRUCTION OPERATIONS SHALL BE SEEDED AND MULCHED UPON COMPLETION OF ALL GRADING OPERATIONS.

FERTILIZER NUTRIENTS AND LIMESTONE SHALL BE APPLIED TO ALL SEEDED AREAS.

THE RATES OF APPLICATION OF FERTILIZER, MULCH AND LIMESTONE SHALL BE AS SPECIFIED IN THE SPECIAL PROVISIONS.

SECTIONS 250 AND 251 OF THE STANDARD SPECIFICATIONS SHALL GOVERN THIS WORK EXCEPT AS SPECIFIED HEREIN OR AS NOTED IN THE SPECIAL PROVISIONS.

REVISIONS	
DRAWN	6-15-89
REVISED	8-16-94

STD. 9-52

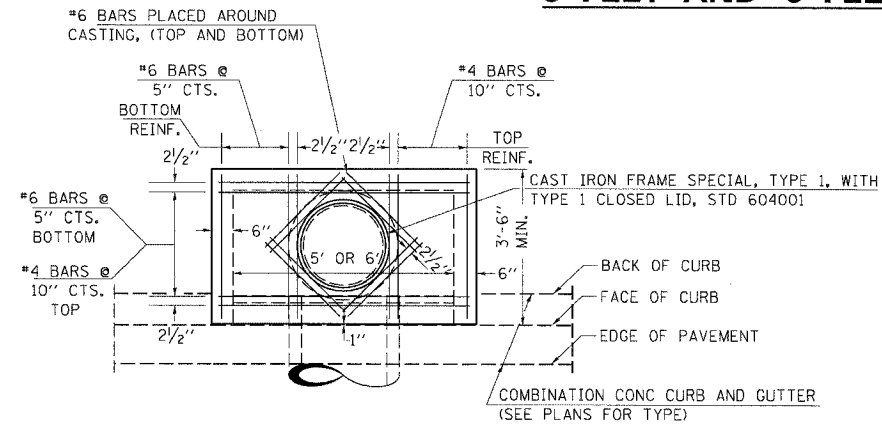
SEEDING & MULCHING

DRAWN BY KH
CHECKED BY PS

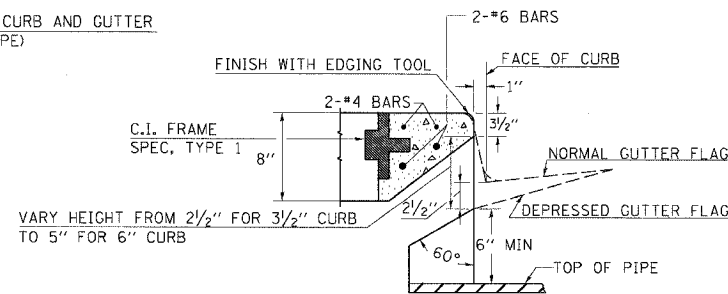
MVP 03526/ROADWAY/CONTRACT 15 STANDARDS/
ACT. J. FILE REFERENCE FILES
S:\00-32621\GPI 0615070 32621.GPI

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	144
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

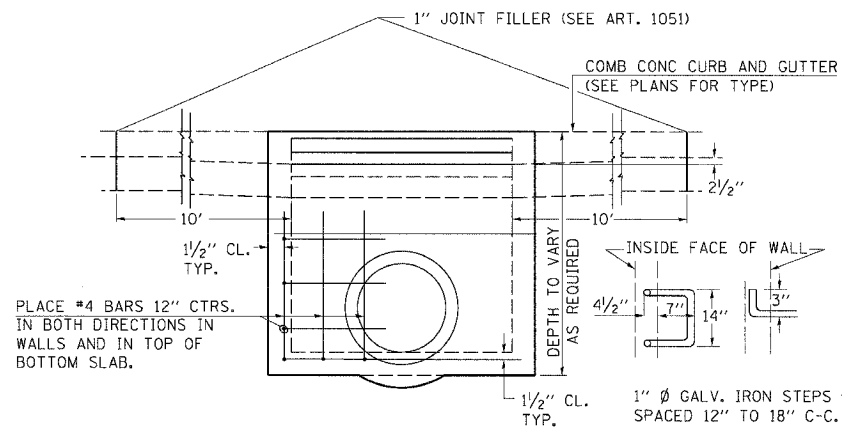
DETAILS OF INLET SPECIAL, TYPE 3, 5 FEET AND 6 FEET



PLAN

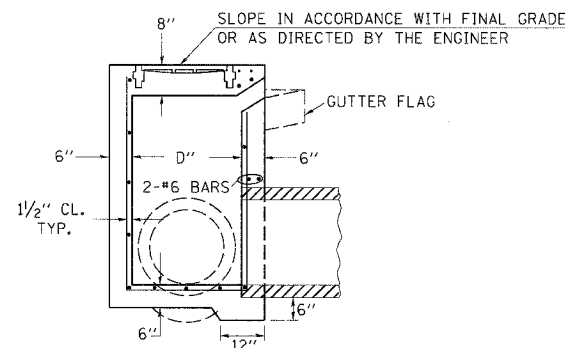


SECTION AT WEIR



ELEVATION

DESIGN	PIPE DIA	"D"
A	18" SLESS	2'-6"
B	21" x 24"	3'-0"
C	27" x 30"	3'-7"
D	33" x 36"	4'-2"
E	42"	4'-9"
F	48"	5'-0"
G	54"	6'-1"



SECTION

NOTES:

PROVIDE 1/2" CLEARANCE TYP. ALL REINFORCEMENT UNLESS OTHERWISE SPECIFIED.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT. SET FACE OF INLET 1" BEHIND FACE OF CURB. DEPRESS GUTTER FLOWLINE AT INLET 2 1/2" BELOW NORMAL GUTTER FLOWLINE. CONSTRUCT TRANSITION IN FLOWLINE IN 10 FEET EACH SIDE OF INLET. PIPES TO BE CONNECTED TO INLET AS SHOWN ON STORM SEWER LAYOUT.

INLETS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR INLET, SPECIAL, TYPE 3, 5 FEET OR INLET, SPECIAL, TYPE 3, 6 FEET WHICH PRICE SHALL INCLUDE THE CAST IRON FRAME, SPECIAL, TYPE 1 WITH TYPE 1 CLOSED LID, THE REINFORCEMENT BARS, METAL STEPS AND JOINT FILLER.

**THE GALVANIZED IRON STEPS AS DETAILED HEREON ARE TYPICAL. STEPS OF OTHER DESIGN AND MATERIAL THAT WILL CONFORM TO THE MINIMUM REQUIREMENTS OF THE STEPS SHOWN, MAY BE USED WHEN APPROVED BY THE ENGINEER.

IF THE INLET IS NOT CAST IN PLACE THEN THE INLET SHALL BE PRODUCED ACCORDING TO THE DEPARTMENT'S CURRENT POLICY MEMORANDUM, "QUALITY CONTROL/QUALITY ASSURANCE PROGRAM FOR PRECAST CONCRETE PRODUCTS".

ENERGY DISSIPATOR

EARTH EXCAVATION FOR ENERGY DISSIPATOR

THIS WORK INVOLVES THE EXCAVATION OF EARTH AS SHOWN IN THE SKETCH TO THE LENGTH, WIDTH, AND DEPTH AS SPECIFIED. THE EARTH EXCAVATION WILL BE UTILIZED IN THE ROADWAY EMBANKMENT OR WASTED AS DIRECTED BY THE ENGINEER. THE EXCAVATION SHALL BE PERFORMED AT THE SAME TIME AS THE CULVERT OR DITCH IS CONSTRUCTED TO SERVE AS A TEMPORARY SEDIMENT TRAP.

EARTHWORK WILL BE CONSIDERED INCLUDED IN THE COST OF THE RIPRAP.

ENERGY DISSIPATOR SHALL NOT BE CONSTRUCTED UNTIL THE PERMANENT SLOPE OR DITCH STABILIZATION HAS BEEN INSTALLED.

ENERGY DISSIPATOR IS TO BE CONSTRUCTED AT THE LOCATION INDICATED ON THE PLAN AND PROFILE SHEETS.

RIPRAP FOR ENERGY DISSIPATOR

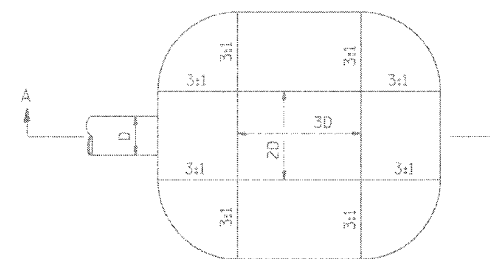
RIPRAP FOR ENERGY DISSIPATOR SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 281 OF THE STANDARD SPECIFICATIONS EXCEPT AS REVISED HEREIN.

THE LENGTH, WIDTH, AND DEPTH FOR RIPRAP PLACEMENT SHALL BE AS SPECIFIED IN THESE DETAILS.

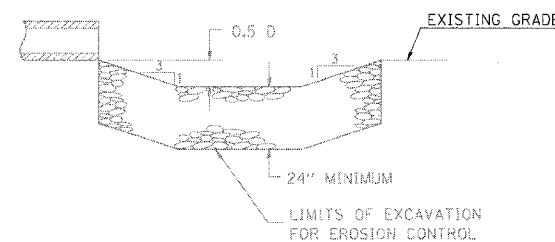
THE RIPRAP FOR THE ENERGY DISSIPATOR SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR STONE RIPRAP, CLASS A4.

THE STONE DUMPED RIPRAP SHALL CONFORM TO THE QUALITY AND GRADATION REQUIREMENTS OF STONE RIPRAP, CLASS A4.

FILTER FABRIC AND BEDDING MATERIAL AS SPECIFIED IN SECTION 281 OF THE STANDARD SPECIFICATIONS WILL NOT BE REQUIRED.



PLAN



SECTION A-A

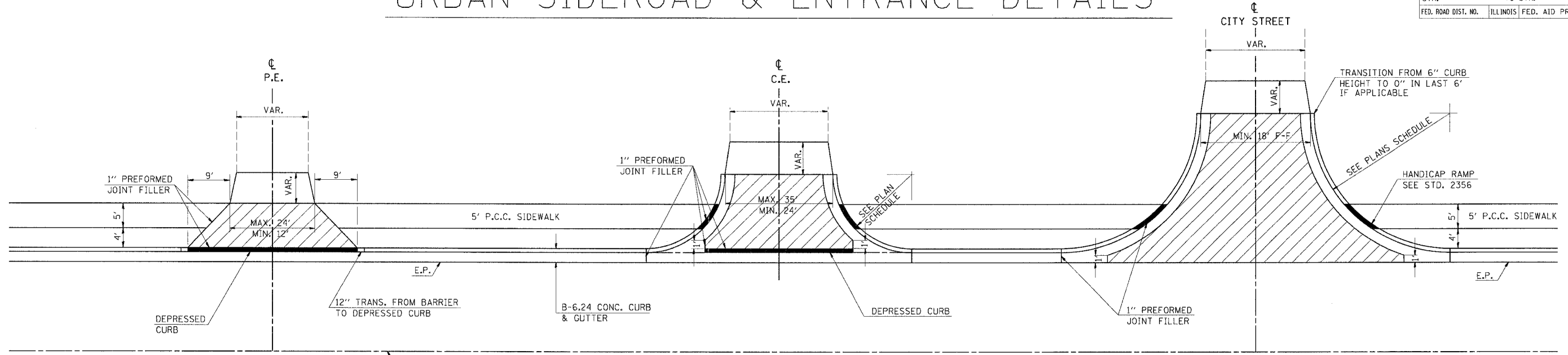
REVISIONS	
REDRAWN	2-15-89
REVISED	11-3-93
REVISED	8-15-94
STD 9-6	

REVISIONS	
REDRAWN	2-15-89
REVISED	8-15-94
REVISED	1-19-99
REVISED	5-6-04

STD. 9-1

URBAN SIDEROAD & ENTRANCE DETAILS

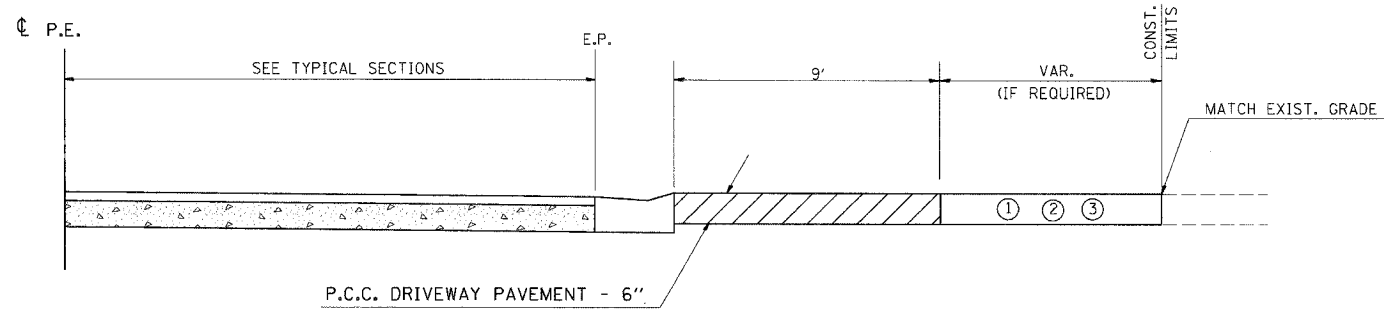
FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	145
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



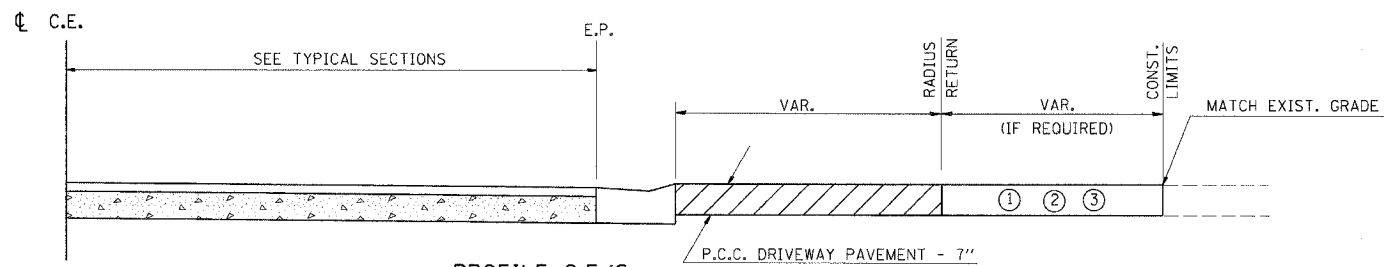
DETAILS PRIVATE ENTRANCE

DETAILS COMMERCIAL ENTRANCE

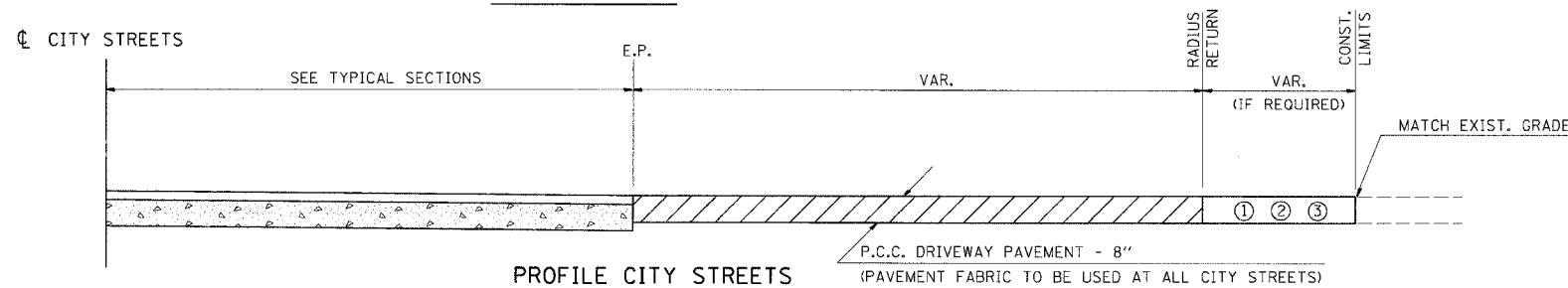
DETAILS CITY STREETS



PROFILE P.E.'S



PROFILE C.E.'S



PROFILE CITY STREETS

- GENERAL NOTES**
1. SEE PLAN SCHEDULES FOR DIMENSIONS AND QUANTITIES.
 2. SEE CROSS SECTIONS FOR PROPOSED PROFILE OF SIDEROAD AND ENTRANCES.
 3. IN GENERAL, WIDTH TRANSITION TAPER RATES ARE TO BE 5:1 FOR ENTRANCES, AND 10:1 FOR CITY STREETS.
 4. THE SAWING OF ALL JOINTS IN P.C.C. DRIVEWAY PAVEMENT AT LOCATIONS DESIGNATED BY THE ENGINEER, SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE P.C.C. DRIVEWAY PAVEMENT.

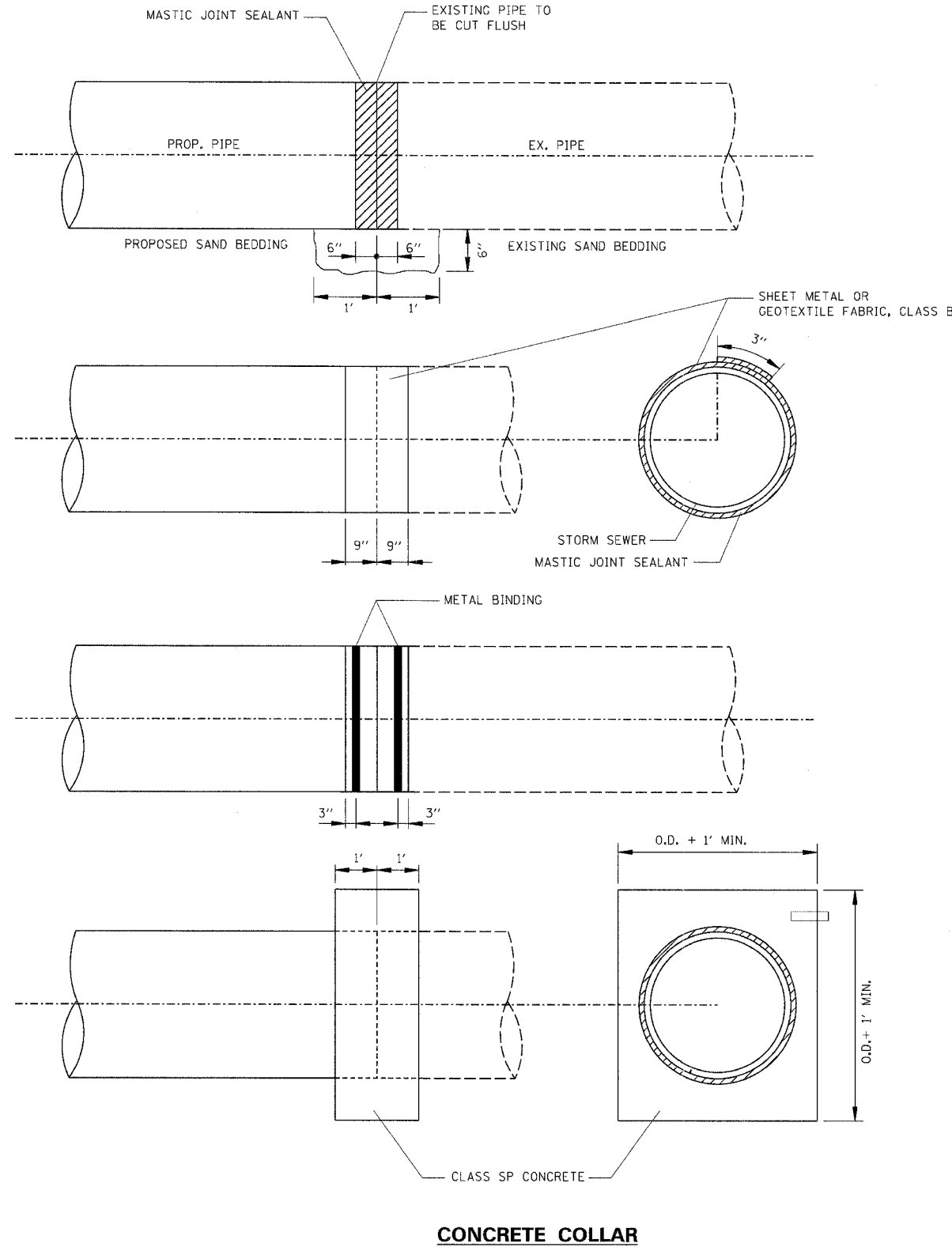
- LEGEND**
- ① EXISTING AGGREGATE SURFACE:
CONSTRUCT AGGREGATE SURFACE CSE, TYPE A WEDGE TO MATCH EXISTING GRADE. USE 6" MIN. (8" MIN. FOR CITY STREETS) THICKNESS FOR ANY REQUIRED WIDENING.
 - ② EXISTING BITUMINOUS SURFACE:
USE 2" MIN. BITUMINOUS RESURFACING ON 4" MIN. (6" MIN. FOR CITY STREETS) AGGREGATE BASE COURSE.
 - ③ EXISTING CONCRETE SURFACE:
P.C.C. DRIVEWAY PAVEMENT 6" P.E.'S
P.C.C. DRIVEWAY PAVEMENT 7" C.E.'S
P.C.C. DRIVEWAY PAVEMENT 8" CITY STREETS

REVISIONS

DRAWN	10-22-90
REVISED	09-06-91
REVISED	10-21-91

STD. 9-84

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	146
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 1' X 6" DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT SHEET METAL GAGE 19 OR GEOTEXTILE FABRIC CLASS B 1.5' WIDE AND THE LENGTH OF THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" LONG.
5. WRAP THE SHEET METAL OR GEOTEXTILE FABRIC CLASS B AROUND THE PIPES, 9" ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL OR GEOTEXTILE FABRIC CLASS B, AT LEAST 3" AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOZES OUT FROM BETWEEN THE SHEET METAL OR GEOTEXTILE FABRIC CLASS B AND THE PIPES.
9. PLACE CONCRETE AROUND THE JOINT.

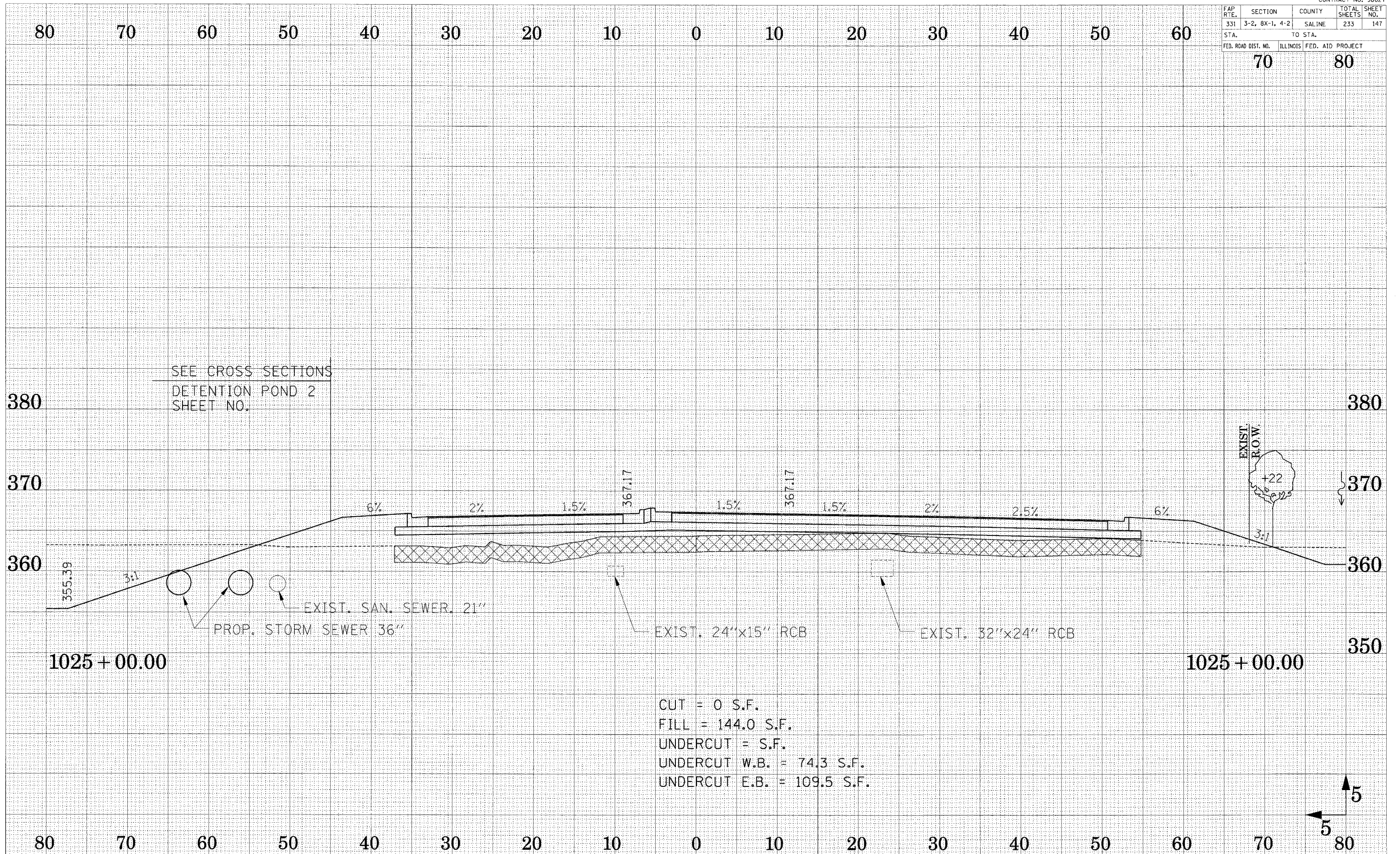
GENERAL NOTES:

1. WHEN THE CONNECTION LOCATION SHOWN ON THE PLANS IS WITHIN 2' OF AN EXISTING JOINT, GO TO THE EXISTING JOINT.
2. CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE PIPE CULVERT. ALL DEBRIS WHICH ENTERS THE PIPE CULVERT MUST BE REMOVED. THE PIPE CULVERT MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.
3. CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING PIPE CULVERT.

DRAWN BY JS
CHECKED BY DB

MUT 3556/ROADWAY/CONTRACT 1/STANDARDS/	Reference Files	GT0000-3556-001
ACT. FILE		
STUD. FILE		

FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	147
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
70		80		



SEE CROSS SECTIONS
DETENTION POND 2
SHEET NO.

EXIST. SAN. SEWER, 21"
PROP. STORM SEWER 36"

EXIST. 24"x15" RCB
EXIST. 32"x24" RCB

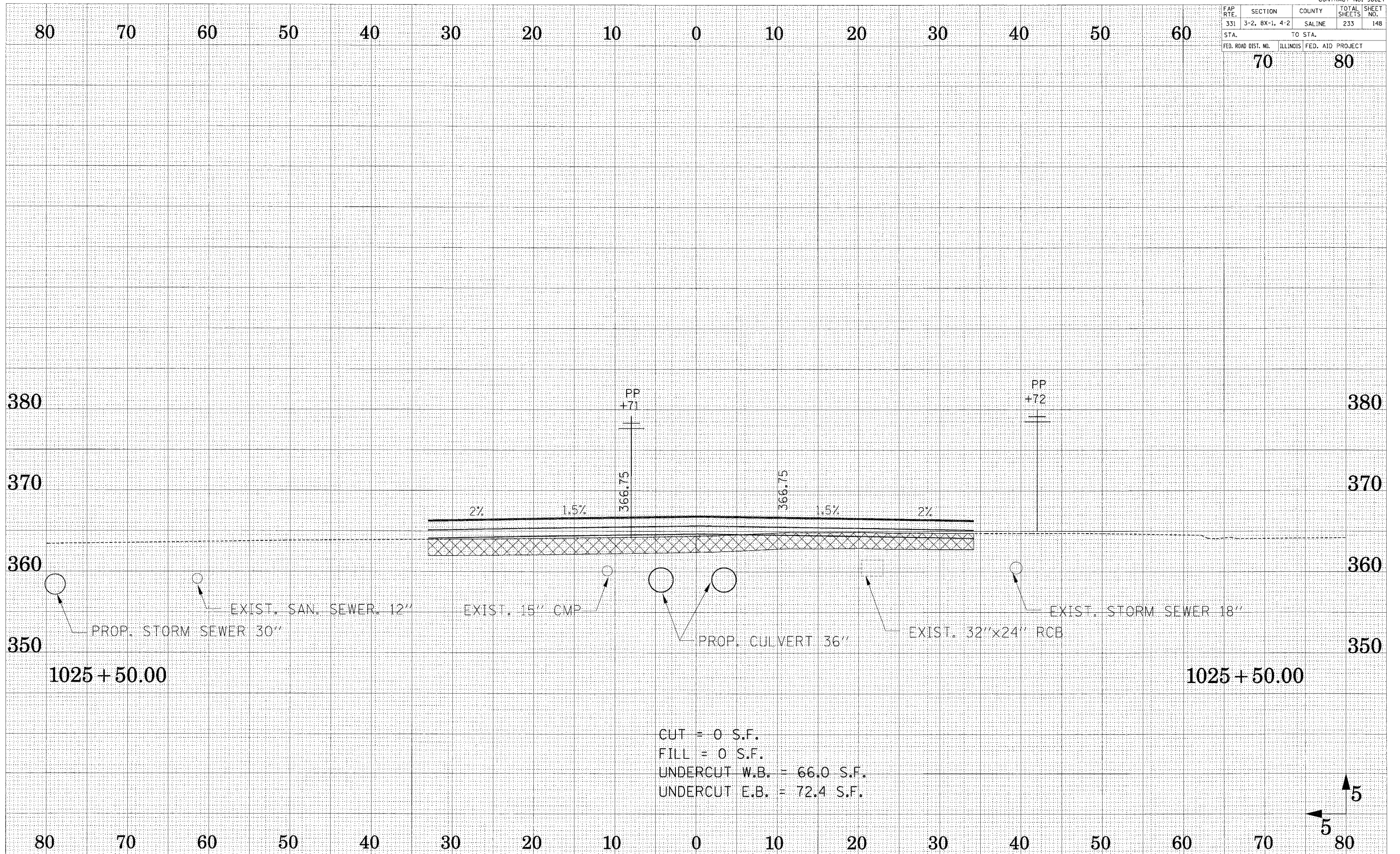
CUT = 0 S.F.
FILL = 144.0 S.F.
UNDERCUT = S.F.
UNDERCUT W.B. = 74.3 S.F.
UNDERCUT E.B. = 109.5 S.F.

CROSS SECTION - ILL ROUTE 13

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 AREAS CHECKED
 NO.

SURVEYED
 SURVEY PLOTTED
 NOTE BOOK TEMPLATE
 AREAS CHECKED
 NO.

FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	148
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
70		80		



CUT = 0 S.F.
 FILL = 0 S.F.
 UNDERCUT W.B. = 66.0 S.F.
 UNDERCUT E.B. = 72.4 S.F.

SURVEYED BY: _____
 CHECKED BY: _____
 DATE: _____
 SCALE: _____
 SHEET NO.: _____

SURVEYED BY: _____
 CHECKED BY: _____
 DATE: _____
 SCALE: _____
 SHEET NO.: _____

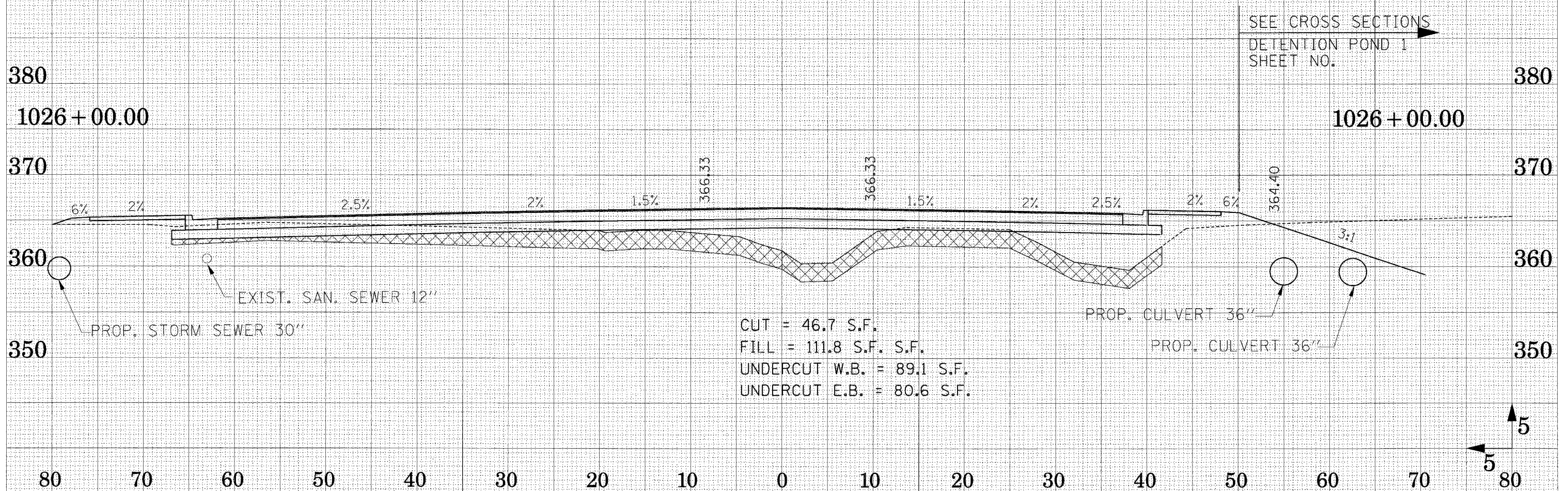
FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	149
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

80 70 60 50 40 30 20 10 0 10 20 30 40 50 60

70 80

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 NOTE BOOK TEMPLATE
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CROSS SECTION - ILL ROUTE 13

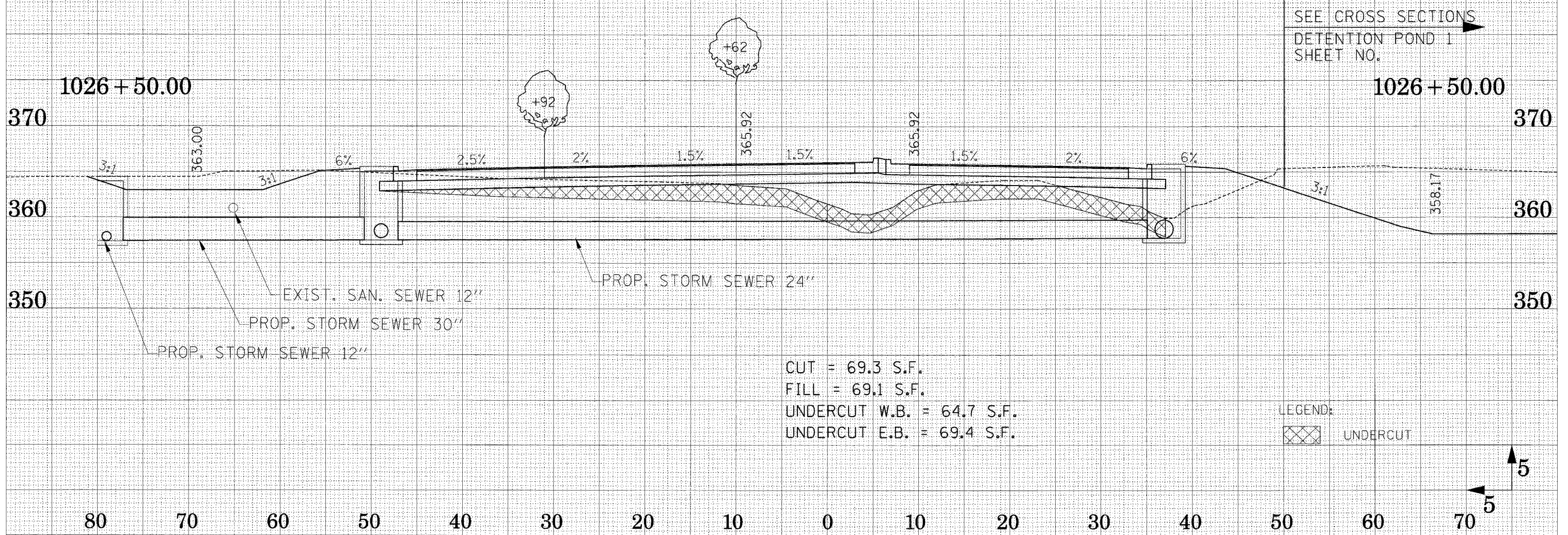
FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	150
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

60 70

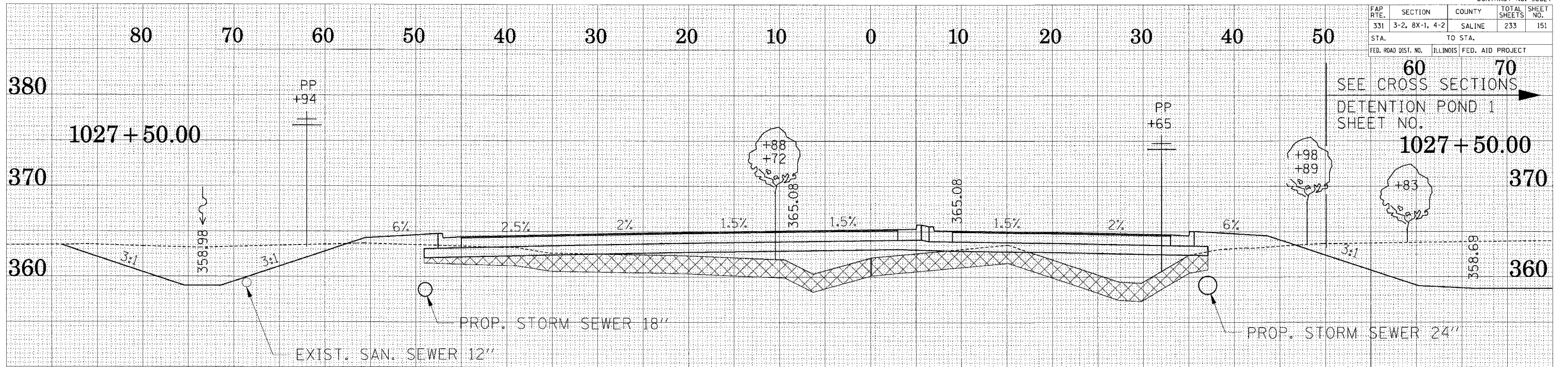
80 70 60 50 40 30 20 10 0 10 20 30 40 50

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 AREAS CHECKED _____
 AREAS CHECKED _____

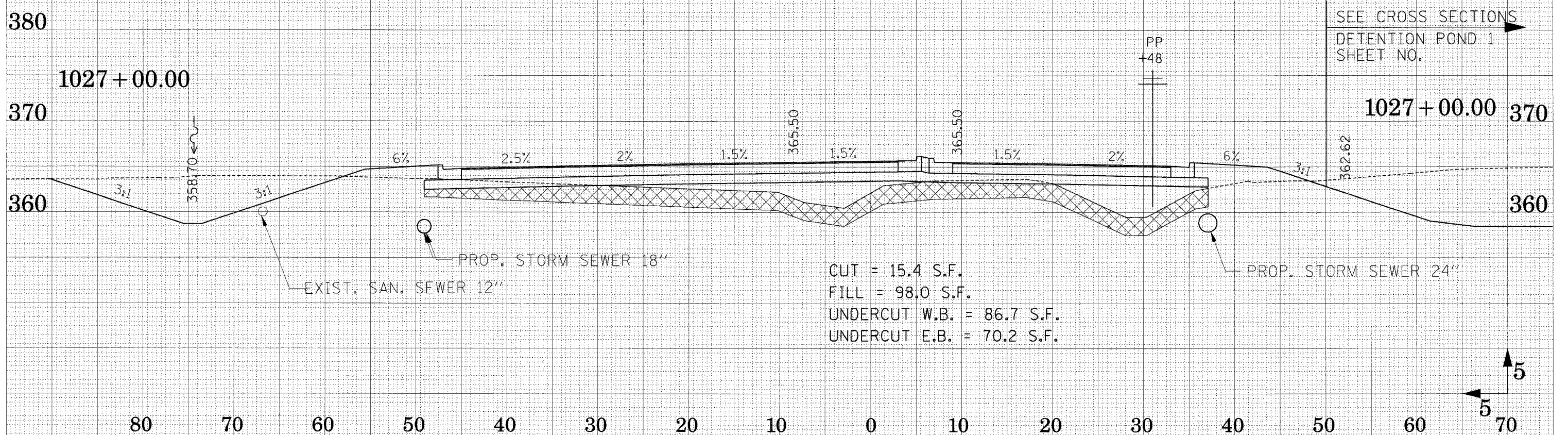
SURVEY NO. _____
 SURVEY BOOK NO. _____
 PLOTTED _____
 TEMPLATE _____
 AREAS CHECKED _____
 AREAS CHECKED _____



FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	151
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



CUT = 18.0 S.F.
 FILL = 85.9 S.F.
 UNDERCUT W.B. = 84.2 S.F.
 UNDERCUT E.B. = 70.4 S.F.



CUT = 15.4 S.F.
 FILL = 98.0 S.F.
 UNDERCUT W.B. = 86.7 S.F.
 UNDERCUT E.B. = 70.2 S.F.

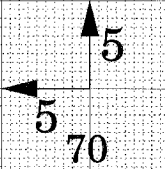
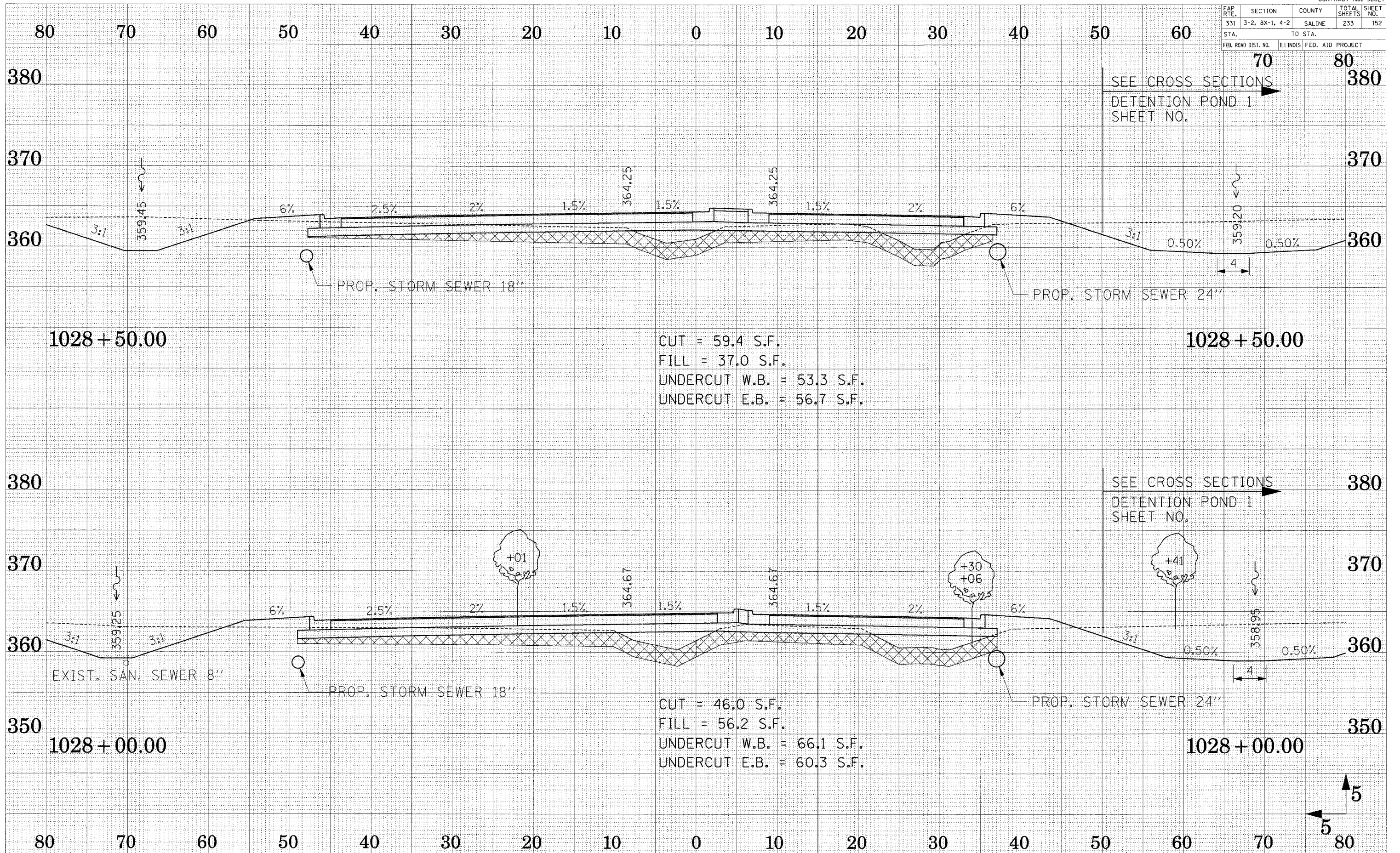


EXHIBIT NO. SURVEY PLOTTED TEMPLATE AREAS CHECKED

EXHIBIT NO. SURVEY PLOTTED TEMPLATE AREAS CHECKED

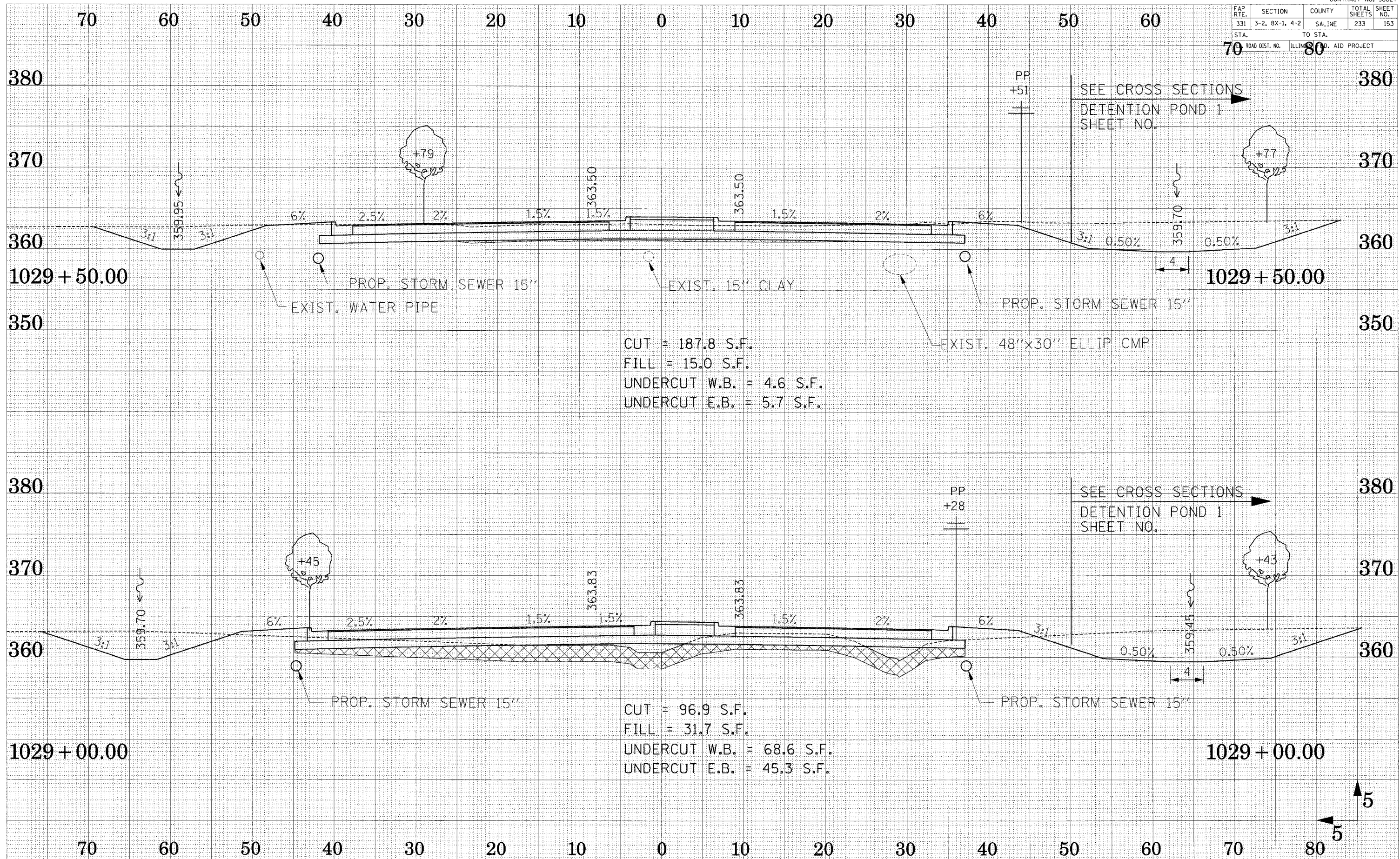
FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	152
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	153
STA. 70		TO STA. 80		
ROAD DIST. NO.		ILLINOIS D. AID PROJECT		



CUT = 187.8 S.F.
 FILL = 15.0 S.F.
 UNDERCUT W.B. = 4.6 S.F.
 UNDERCUT E.B. = 5.7 S.F.

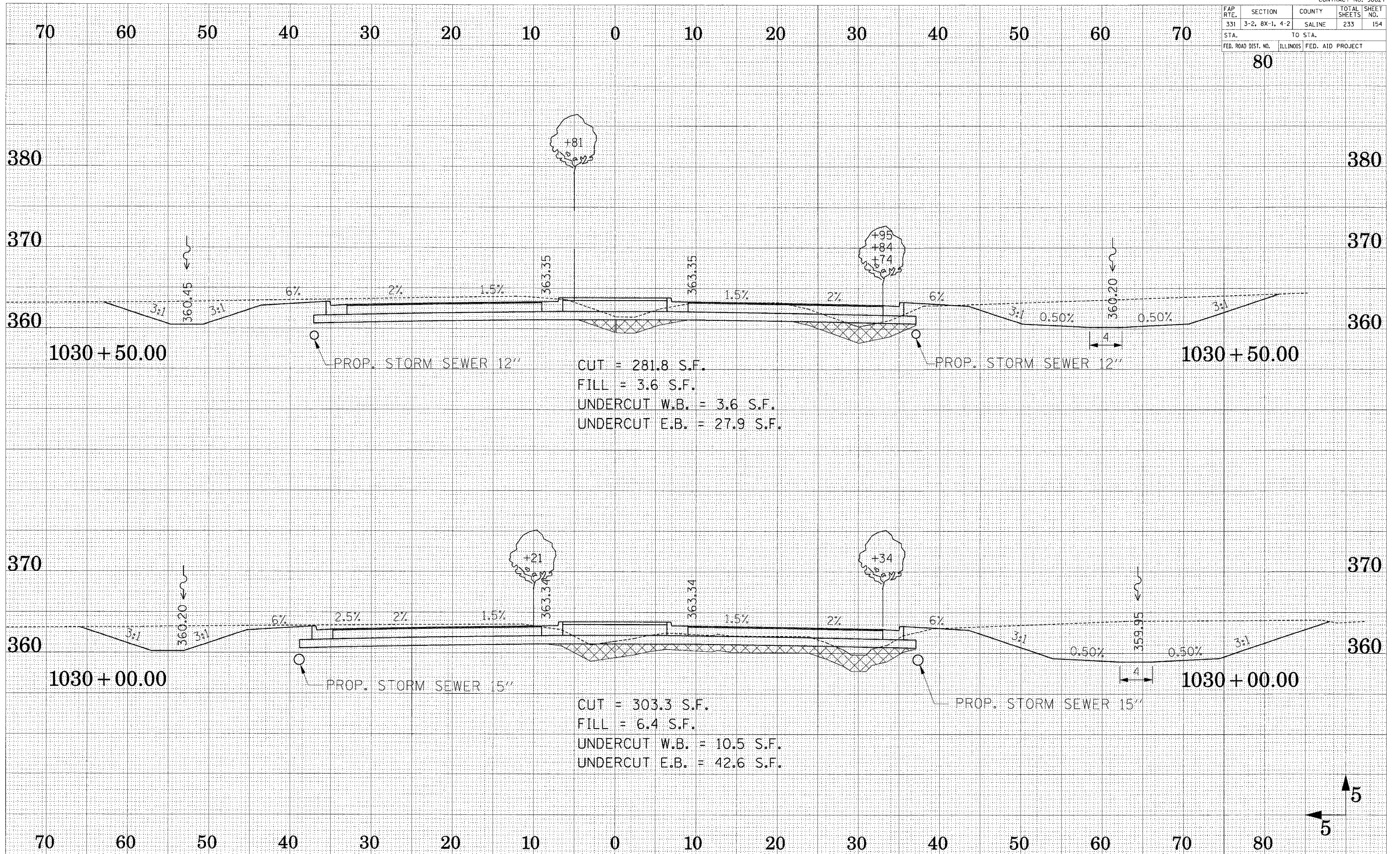
CUT = 96.9 S.F.
 FILL = 31.7 S.F.
 UNDERCUT W.B. = 68.6 S.F.
 UNDERCUT E.B. = 45.3 S.F.

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 TEMPLATE
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FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	154
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

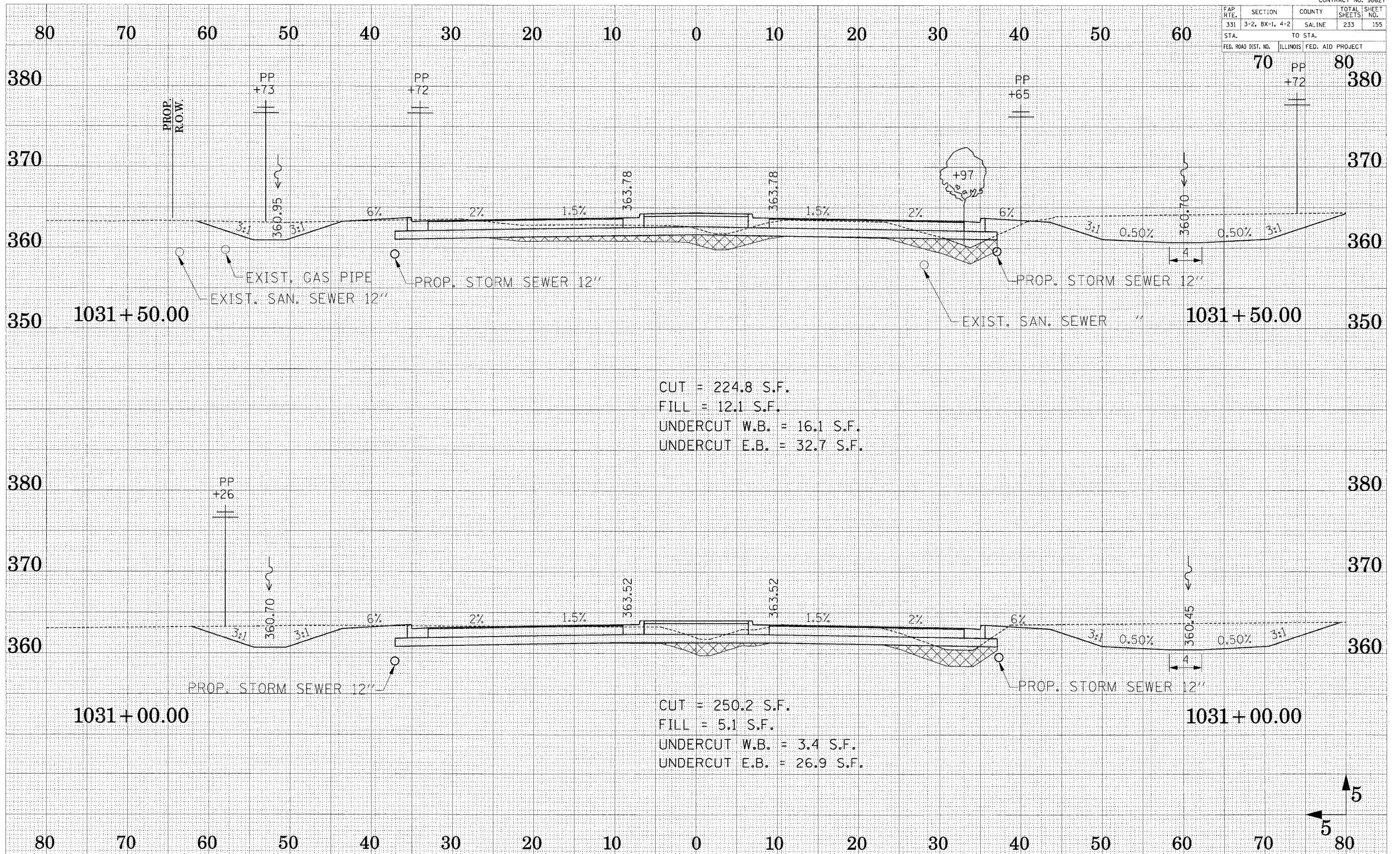
80



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 TEMPLATE
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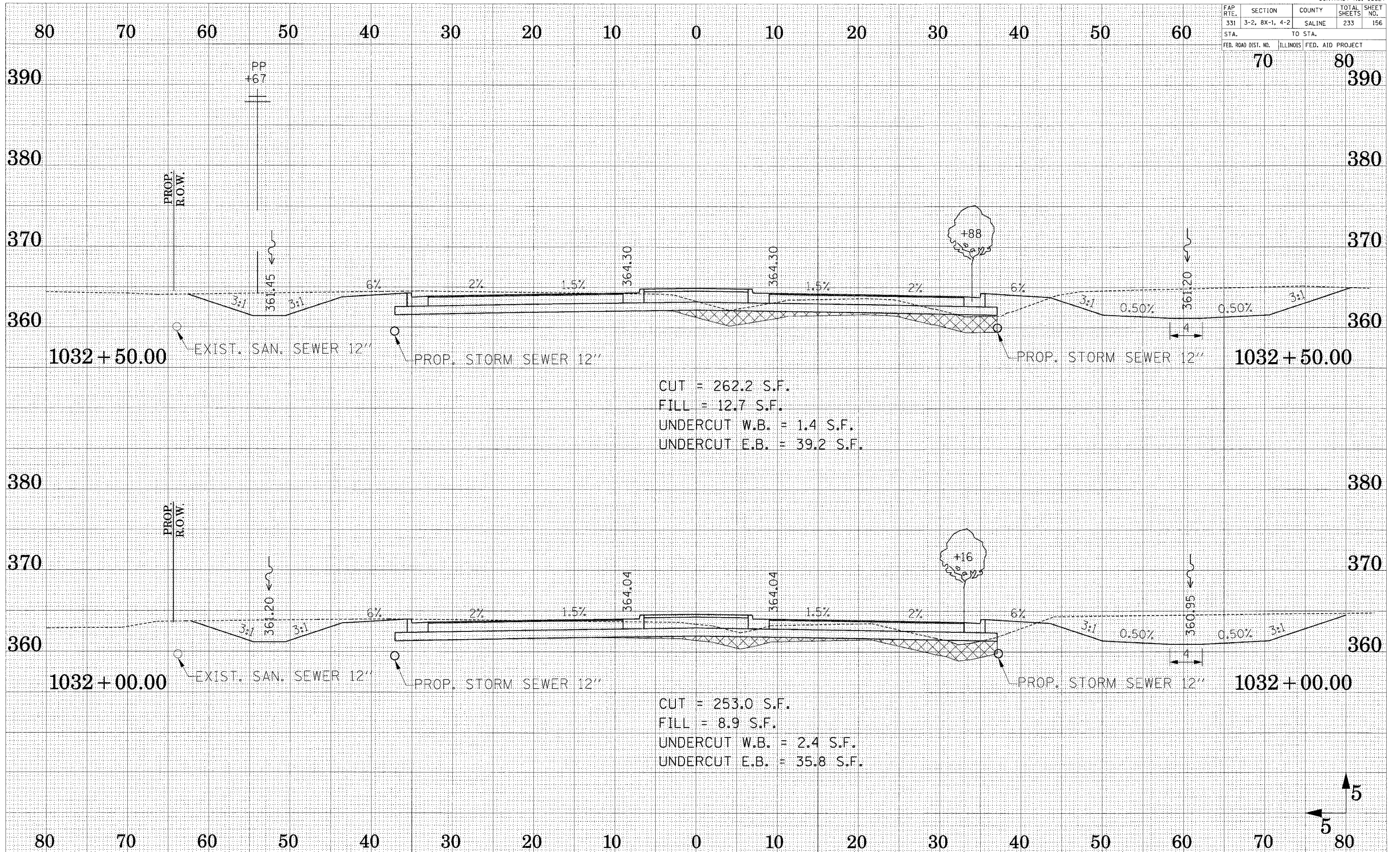
FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	155
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



CUT = 224.8 S.F.
 FILL = 12.1 S.F.
 UNDERCUT W.B. = 16.1 S.F.
 UNDERCUT E.B. = 32.7 S.F.

CUT = 250.2 S.F.
 FILL = 5.1 S.F.
 UNDERCUT W.B. = 3.4 S.F.
 UNDERCUT E.B. = 26.9 S.F.

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	156
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

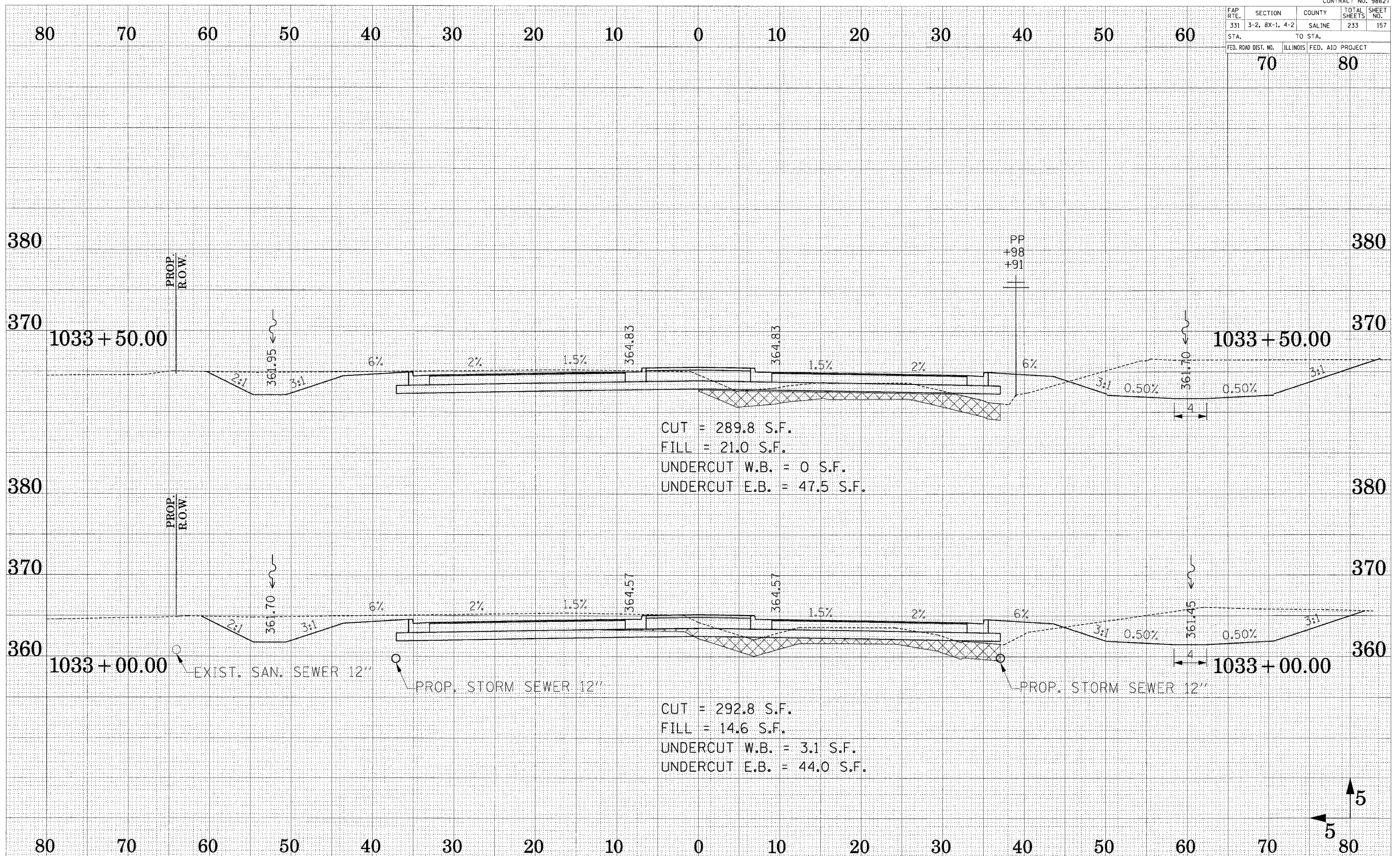


CROSS SECTION - ILL ROUTE 13

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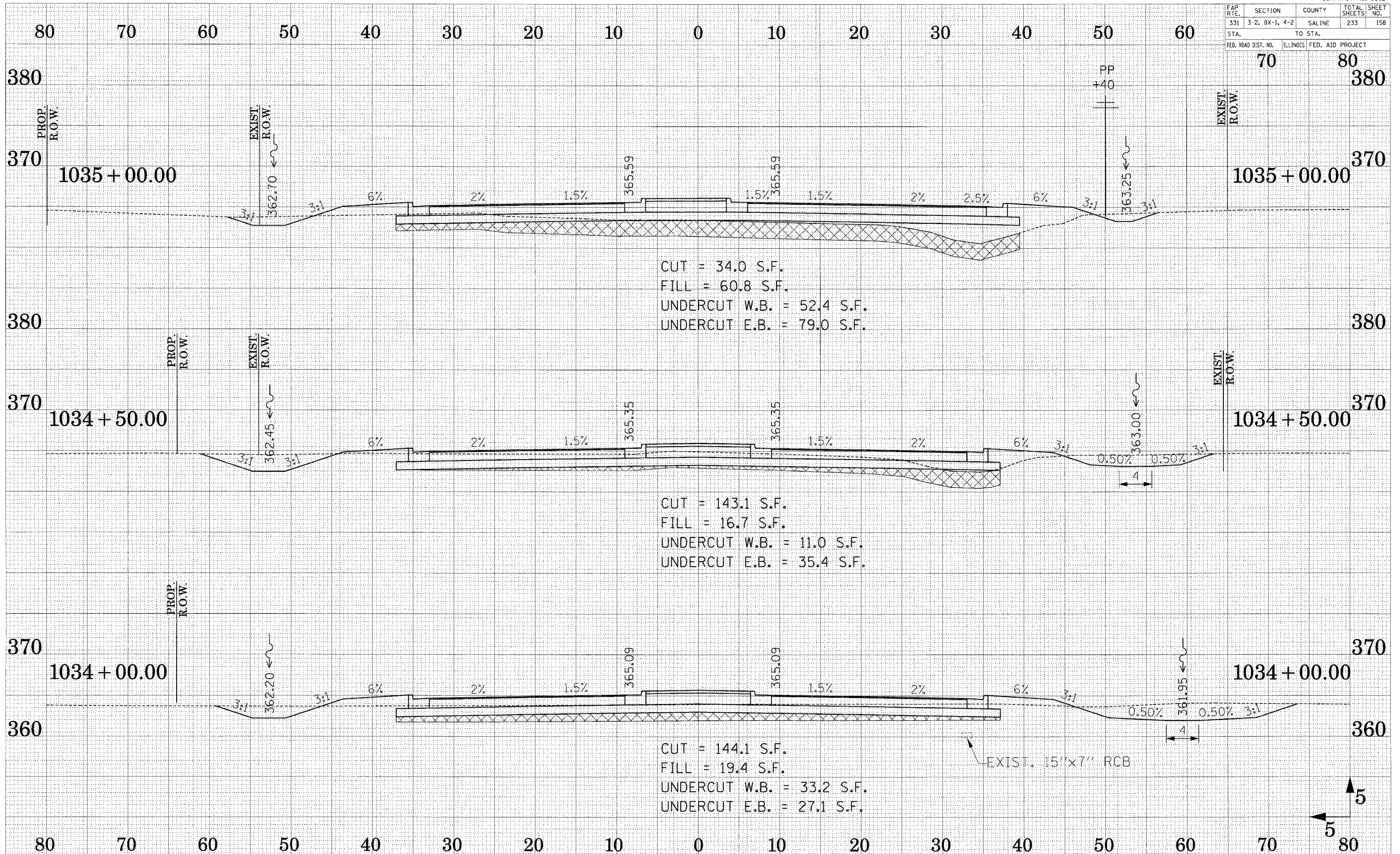
FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	157
STA.		TO STA.		
70		80		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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 SURVEY PLOTTED _____
 NOTE BOOK _____
 TEMPLATE _____
 AREAS CHECKED _____
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FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	158
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

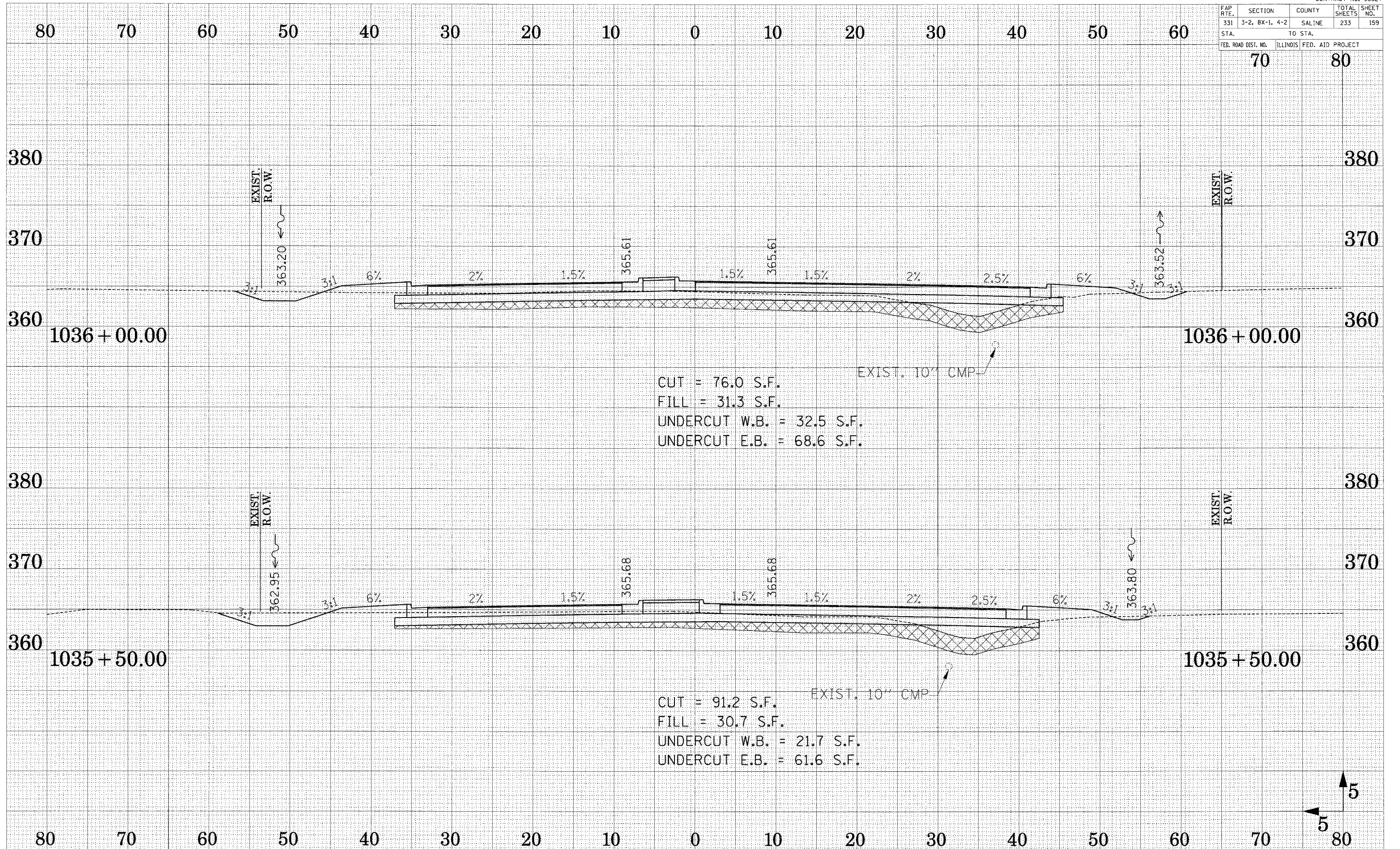


CROSS SECTION - ILL ROUTE 13

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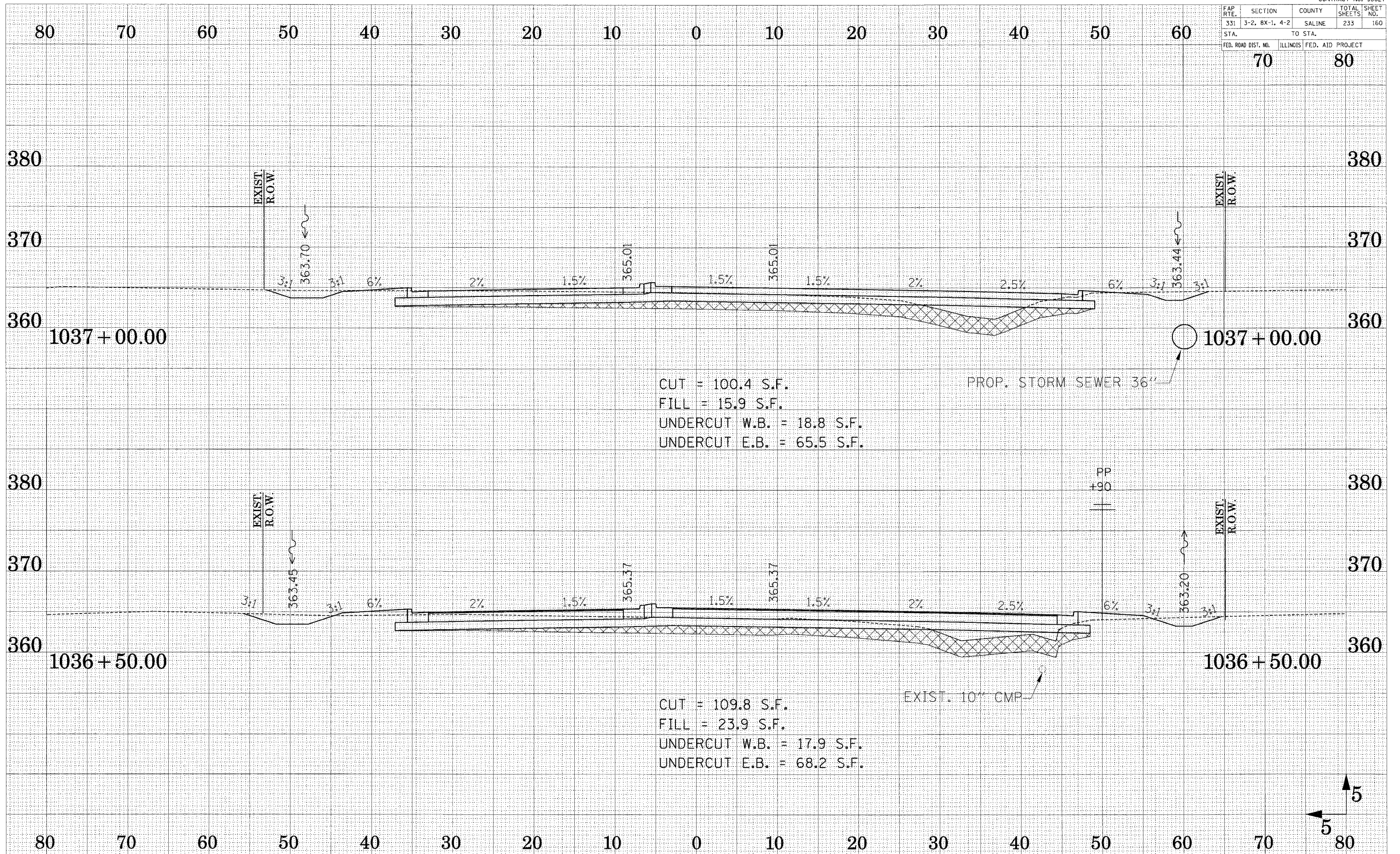
FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, BX-1, 4-2	SALINE	233	159
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



CUT = 76.0 S.F.
 FILL = 31.3 S.F.
 UNDERCUT W.B. = 32.5 S.F.
 UNDERCUT E.B. = 68.6 S.F.

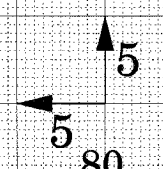
CUT = 91.2 S.F.
 FILL = 30.7 S.F.
 UNDERCUT W.B. = 21.7 S.F.
 UNDERCUT E.B. = 61.6 S.F.

FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	160
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

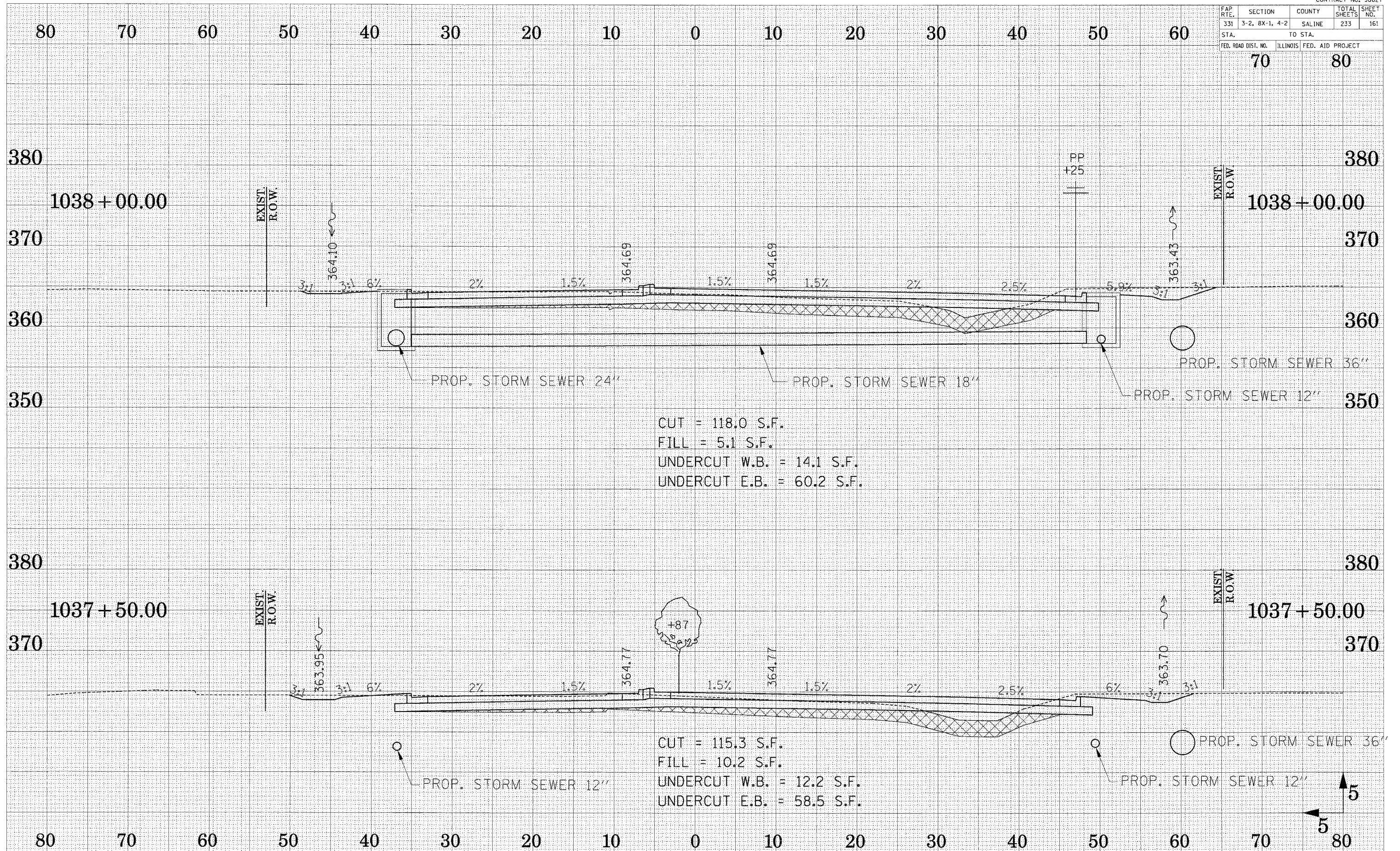


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FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	161
STA.		TO STA.		
70		80		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

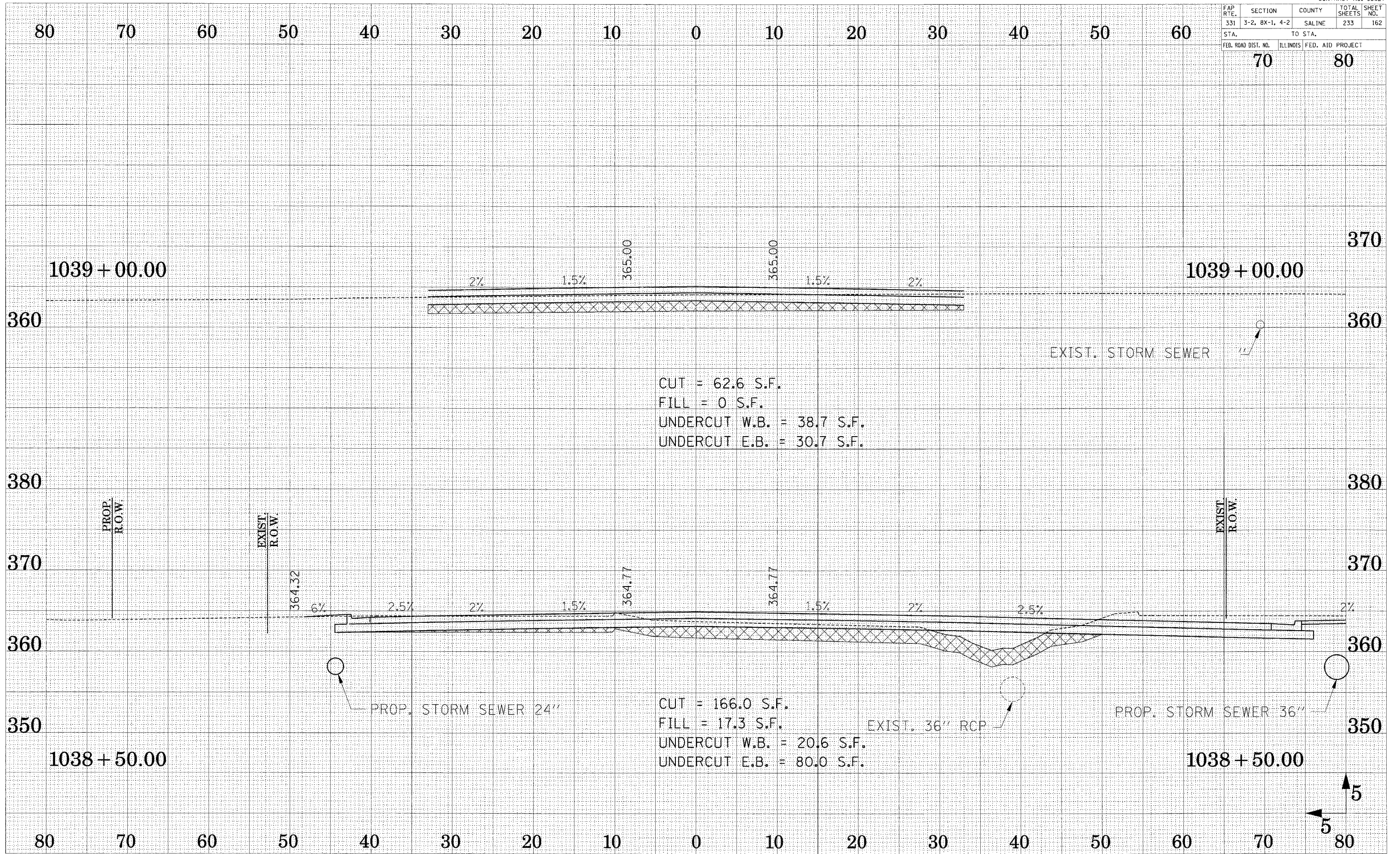


CROSS SECTION - ILL ROUTE 13

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FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	162
STA.		TO STA.		
FEB. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
70		80		



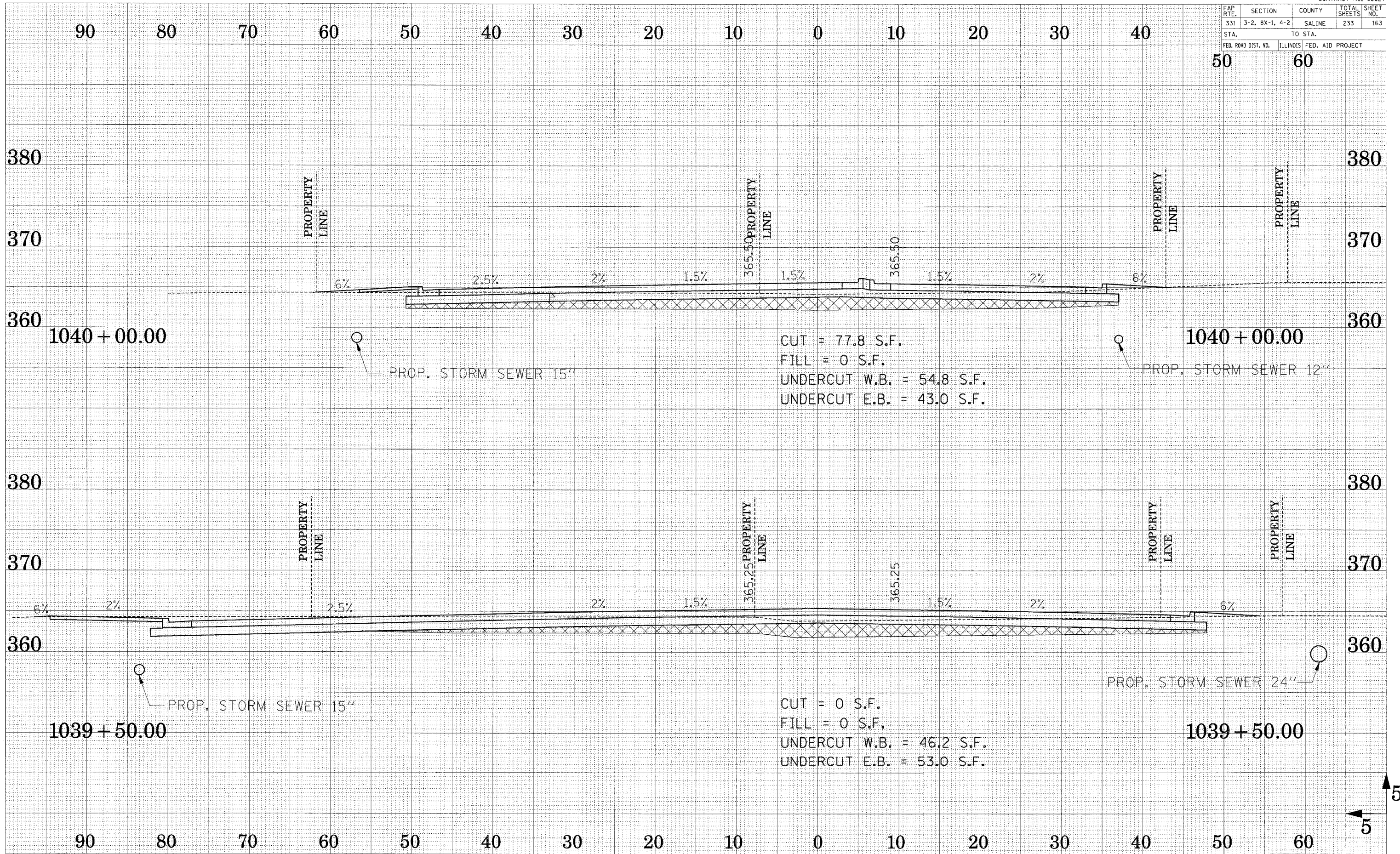
CUT = 62.6 S.F.
 FILL = 0 S.F.
 UNDERCUT W.B. = 38.7 S.F.
 UNDERCUT E.B. = 30.7 S.F.

CUT = 166.0 S.F.
 FILL = 17.3 S.F.
 UNDERCUT W.B. = 20.6 S.F.
 UNDERCUT E.B. = 80.0 S.F.

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FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	163
STA.		TO STA.		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



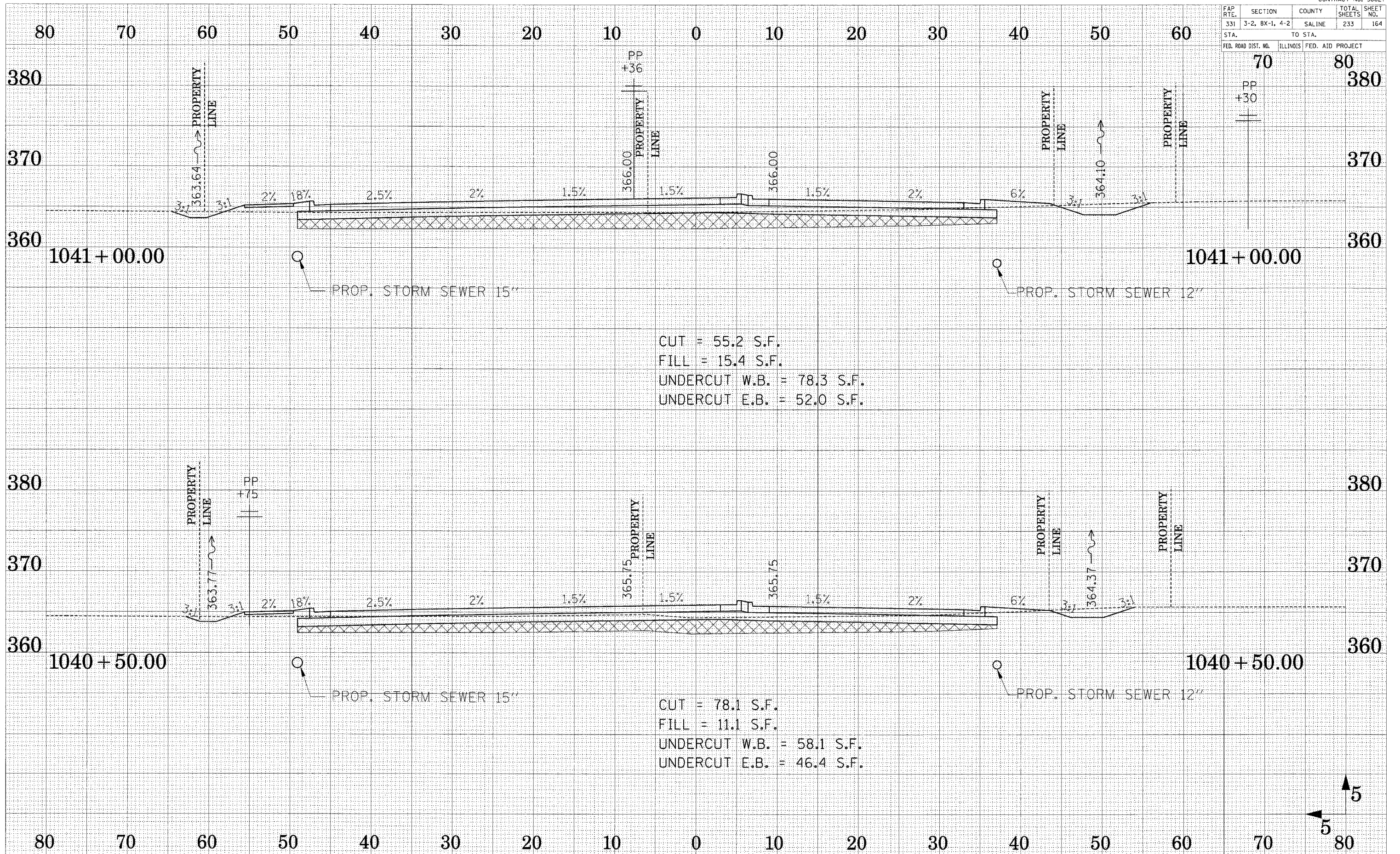
CUT = 77.8 S.F.
 FILL = 0 S.F.
 UNDERCUT W.B. = 54.8 S.F.
 UNDERCUT E.B. = 43.0 S.F.

CUT = 0 S.F.
 FILL = 0 S.F.
 UNDERCUT W.B. = 46.2 S.F.
 UNDERCUT E.B. = 53.0 S.F.

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 AREAS CHECKED

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 NOTE BOOK
 AREAS CHECKED

FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	164
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



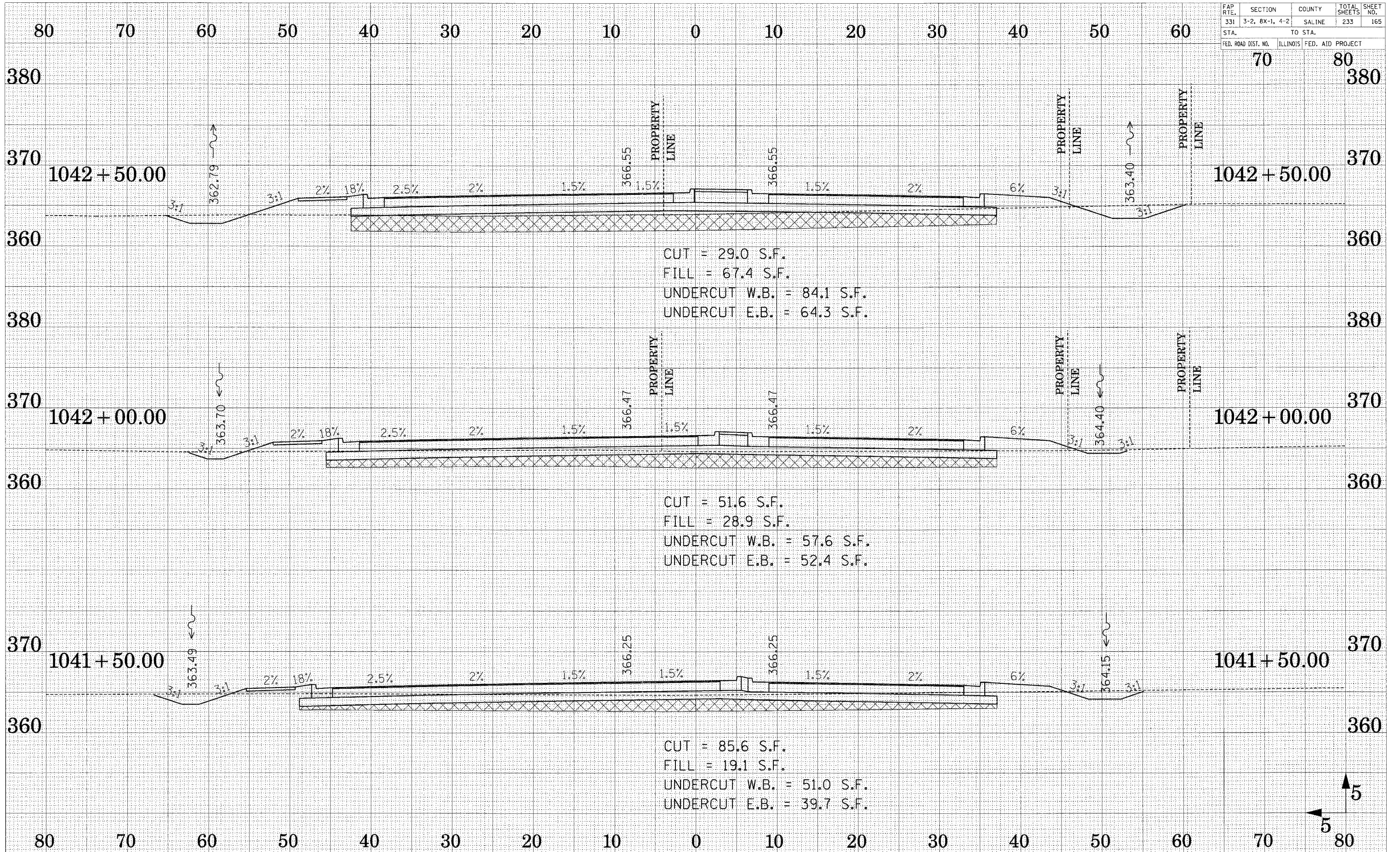
SURVEYED
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 NOTE BOOK TEMPLATE
 AREAS CHECKED

SURVEYED
 SURVEY PLOTTED
 NOTE BOOK TEMPLATE
 AREAS CHECKED

CUT = 55.2 S.F.
 FILL = 15.4 S.F.
 UNDERCUT W.B. = 78.3 S.F.
 UNDERCUT E.B. = 52.0 S.F.

CUT = 78.1 S.F.
 FILL = 11.1 S.F.
 UNDERCUT W.B. = 58.1 S.F.
 UNDERCUT E.B. = 46.4 S.F.

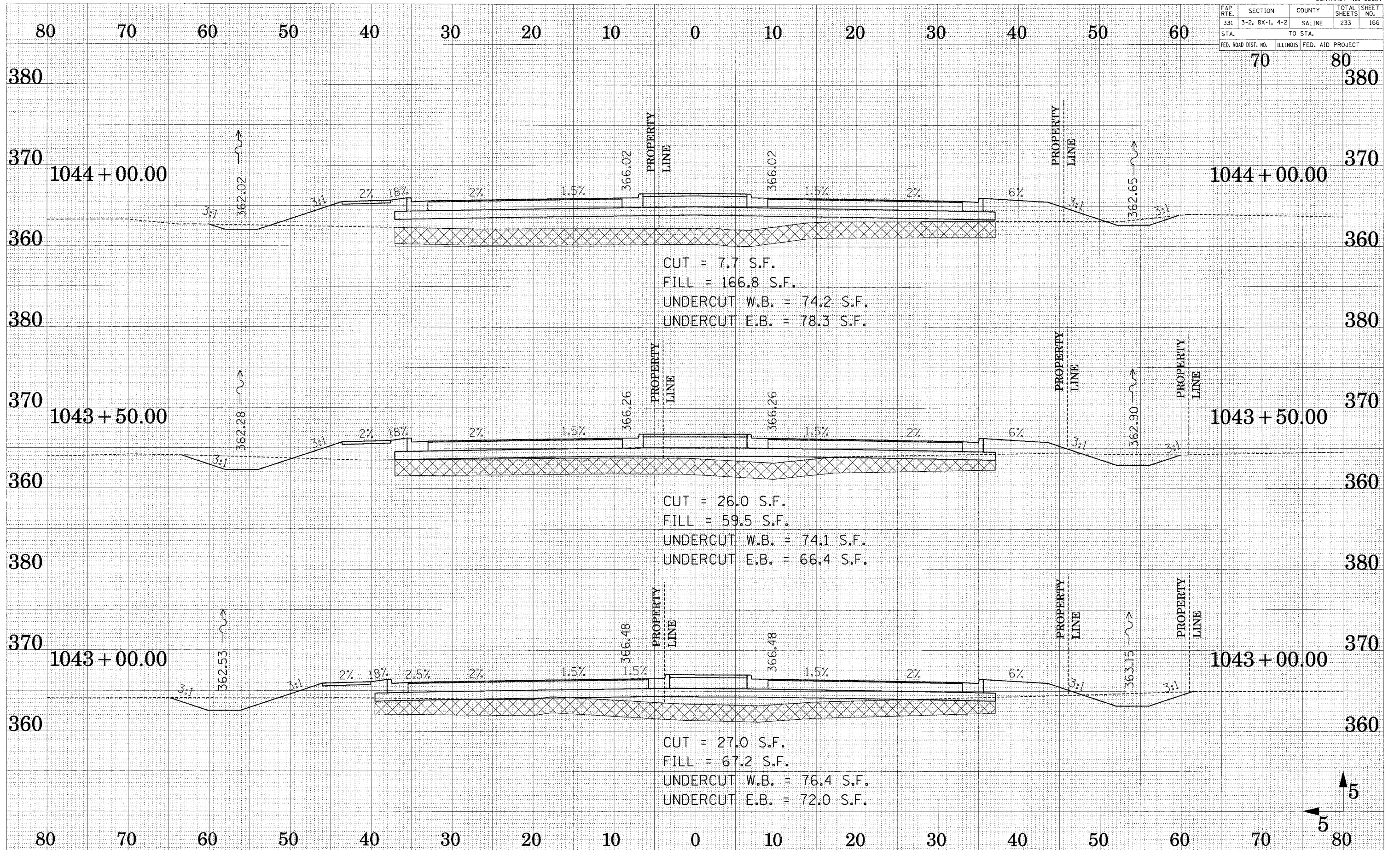
FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	165
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	166
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

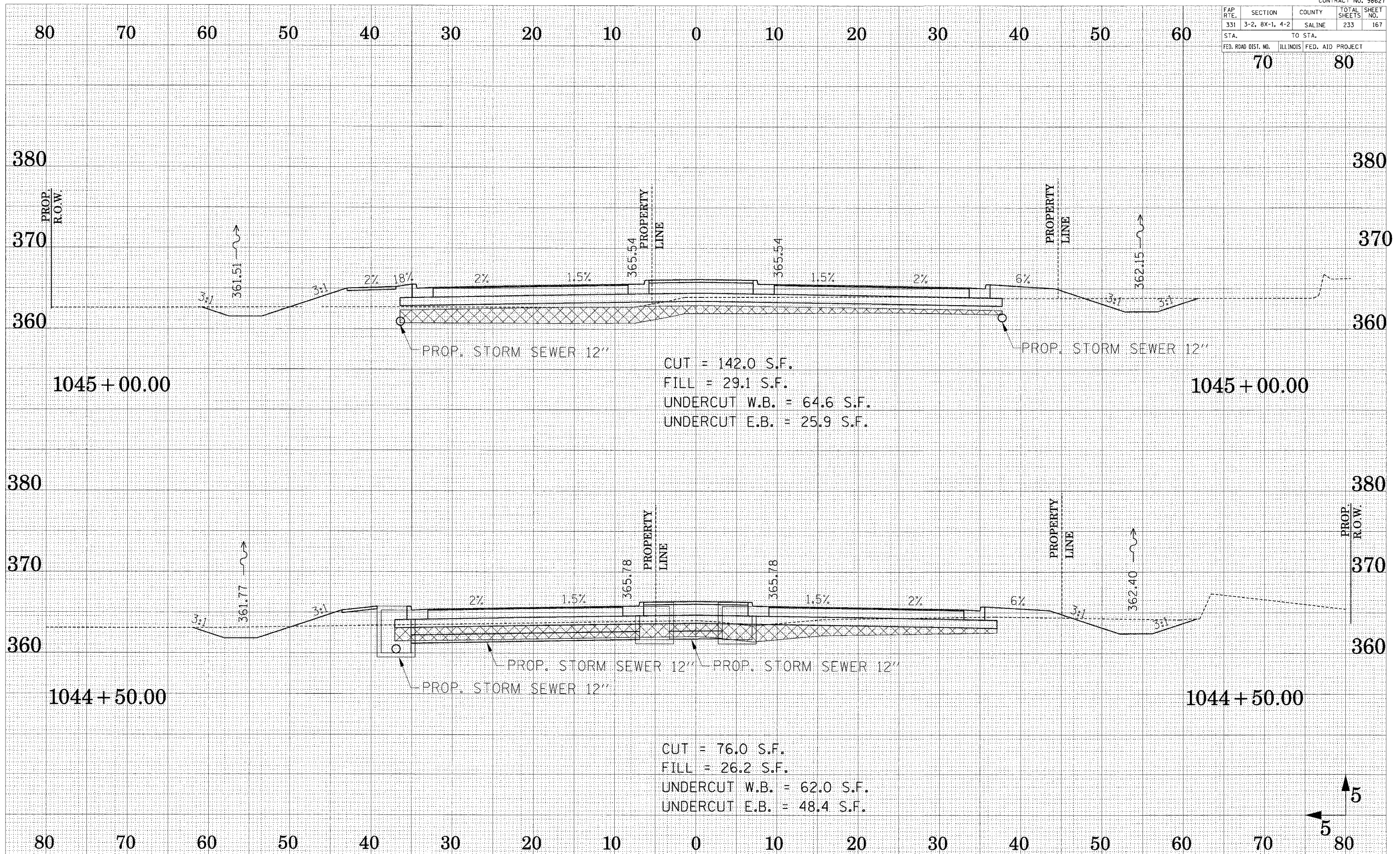


CROSS SECTION - ILL ROUTE 13

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 NOTE BOOK
 TEMPLATE
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SURVEYED
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 TEMPLATE
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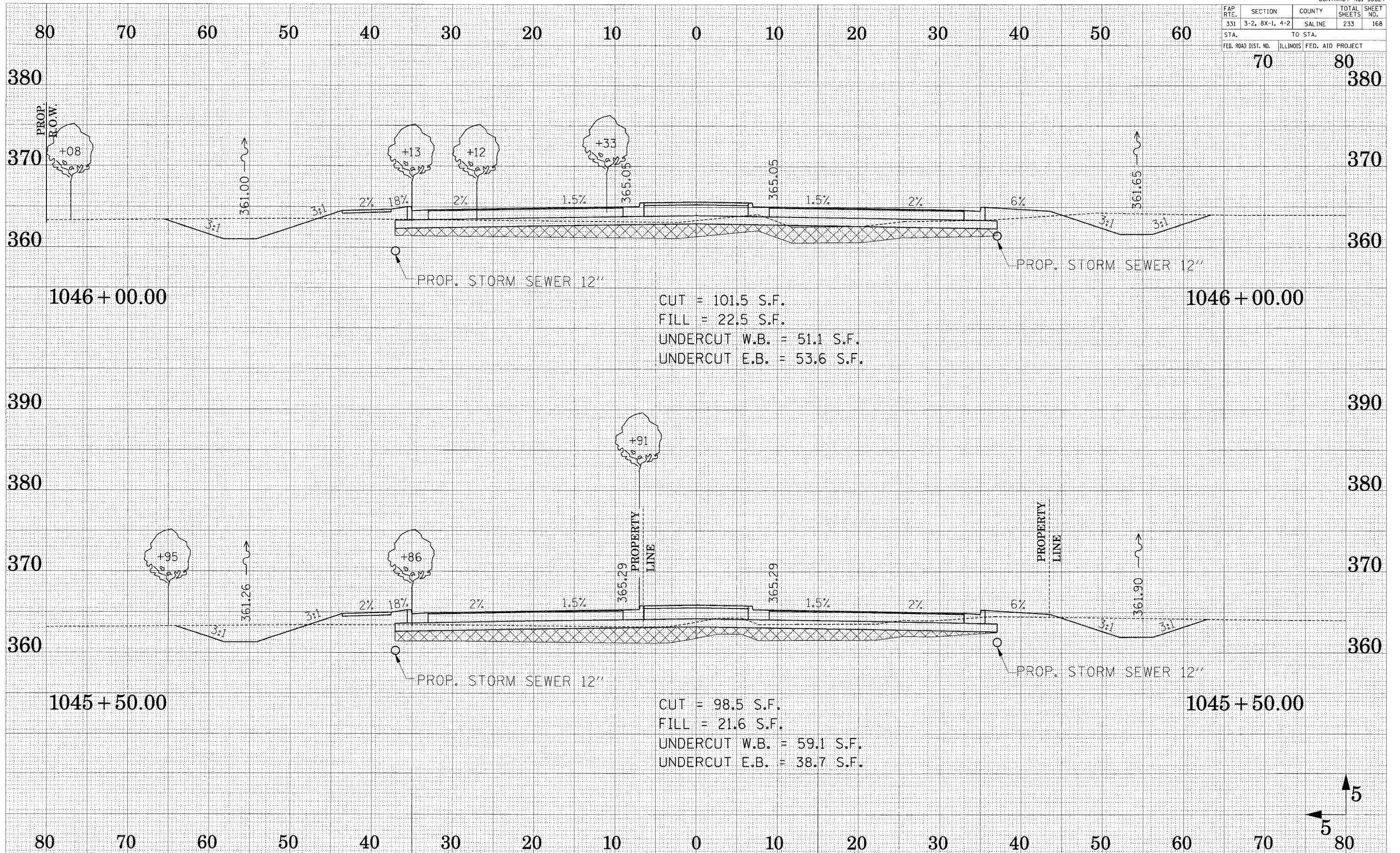
FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	167
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



SURVEY
 PLOTTED
 TEMPLATE
 AREAS
 CHECKED

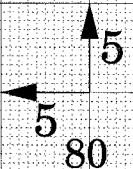
SURVEY
 PLOTTED
 TEMPLATE
 AREAS
 CHECKED

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	168
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



CUT = 101.5 S.F.
 FILL = 22.5 S.F.
 UNDERCUT W.B. = 51.1 S.F.
 UNDERCUT E.B. = 53.6 S.F.

CUT = 98.5 S.F.
 FILL = 21.6 S.F.
 UNDERCUT W.B. = 59.1 S.F.
 UNDERCUT E.B. = 38.7 S.F.

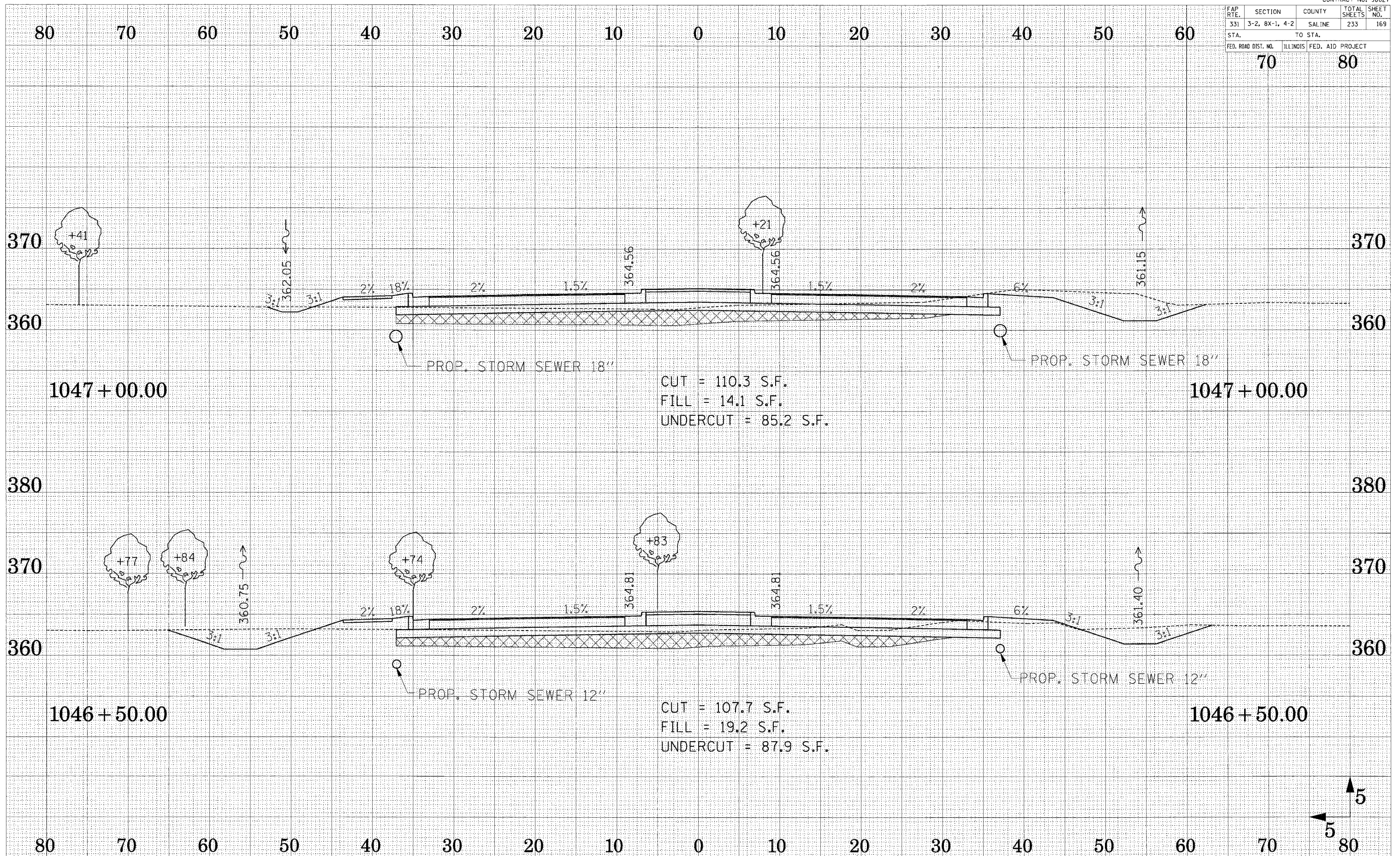


SUBMITTED
 SURVEY
 PLOTTED
 TEMPLATE
 AREAS
 CHECKED

SUBMITTED
 SURVEY
 PLOTTED
 TEMPLATE
 AREAS
 CHECKED

FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	169
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

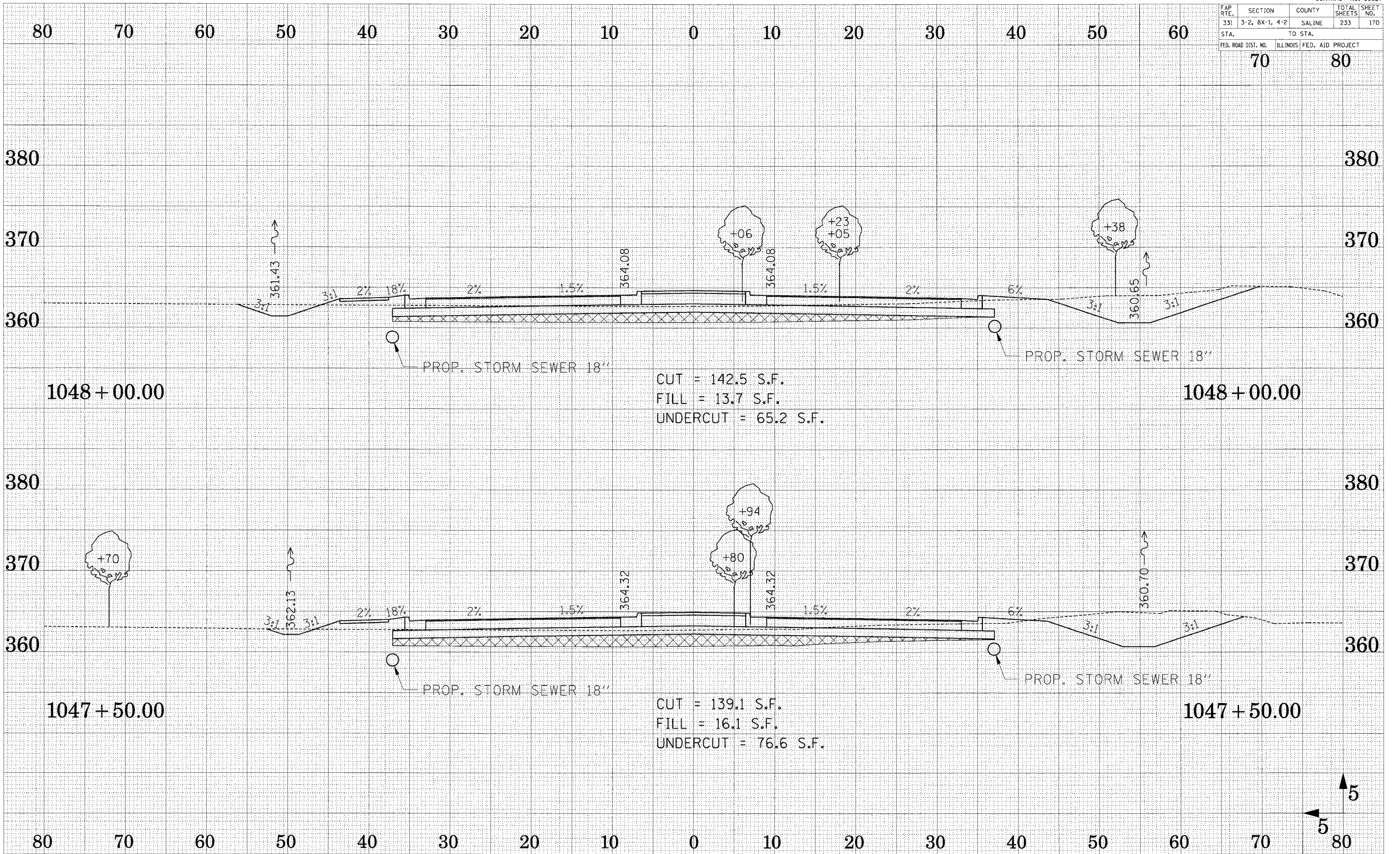
70 80



SURVEYED
 PLOTTED
 TEMPLATE
 AREAS CHECKED
 NO.

SURVEYED
 PLOTTED
 TEMPLATE
 AREAS CHECKED
 NO.

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	170
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



SURVEYED
 SURVEY
 NOTE BOOK
 TEMPLATE
 AREAS
 CHECKED

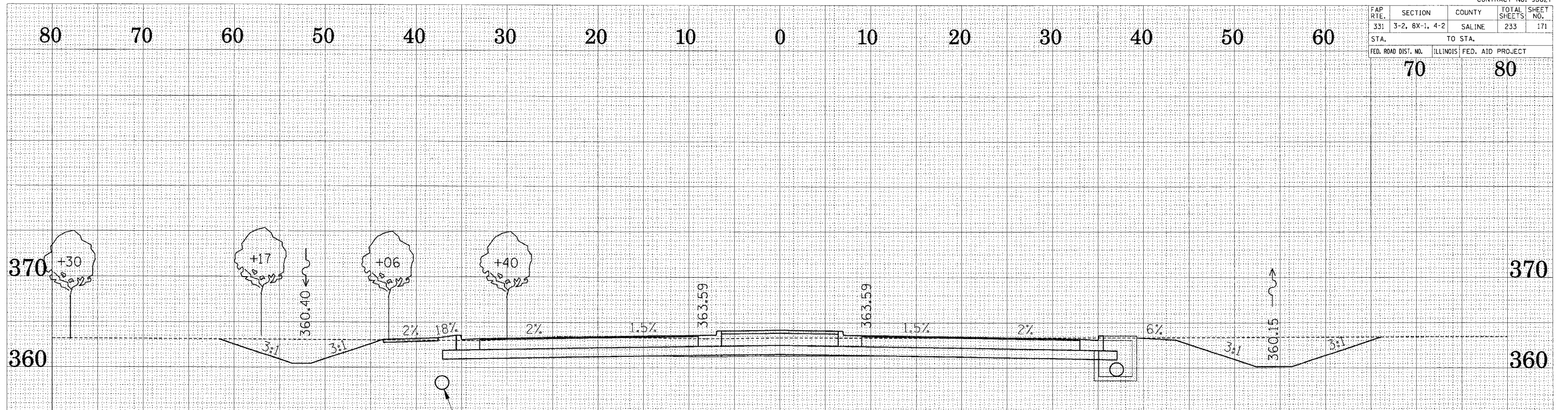
SURVEYED
 SURVEY
 NOTE BOOK
 TEMPLATE
 AREAS
 CHECKED

CUT = 142.5 S.F.
 FILL = 13.7 S.F.
 UNDERCUT = 65.2 S.F.

CUT = 139.1 S.F.
 FILL = 16.1 S.F.
 UNDERCUT = 76.6 S.F.

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	171
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

70 80

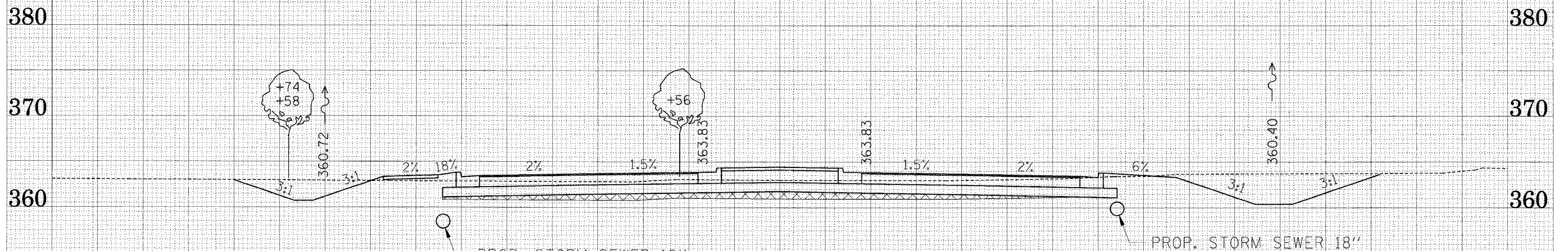


1049 + 00.00

PROP. STORM SEWER 18"

CUT = 223.3 S.F.
 FILL = 4.3 S.F.
 UNDERCUT = 3.4 S.F.

1049 + 00.00



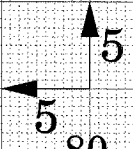
1048 + 50.00

PROP. STORM SEWER 18"

CUT = 174.3 S.F.
 FILL = 9.9 S.F.
 UNDERCUT = 37.1 S.F.

PROP. STORM SEWER 18"

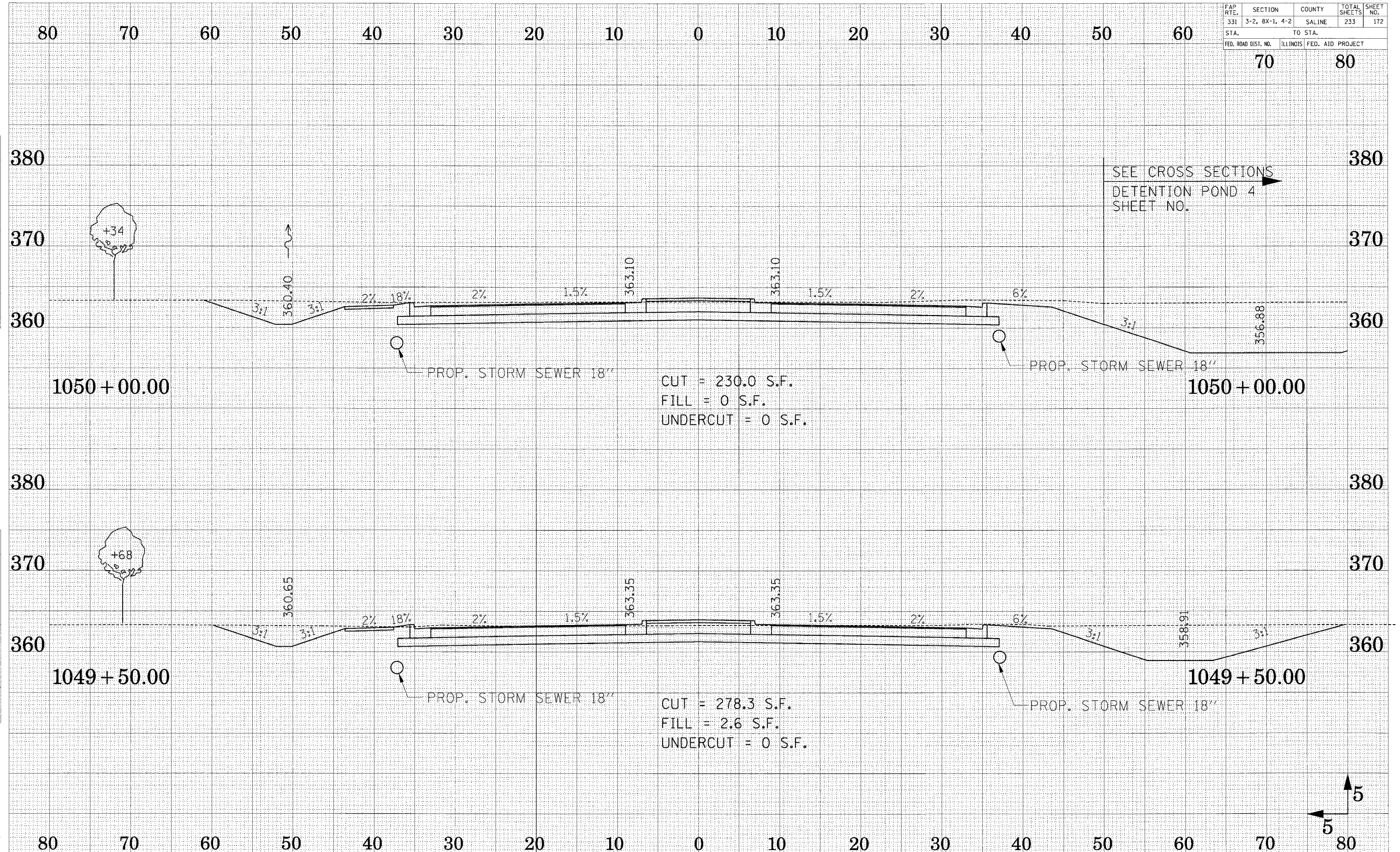
1048 + 50.00



SURVEY
 EMPLOYED
 PLOTTED
 TEMPLATE
 AREAS CHECKED
 NO.

SURVEY
 EMPLOYED
 PLOTTED
 TEMPLATE
 AREAS CHECKED
 NO.

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	172
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

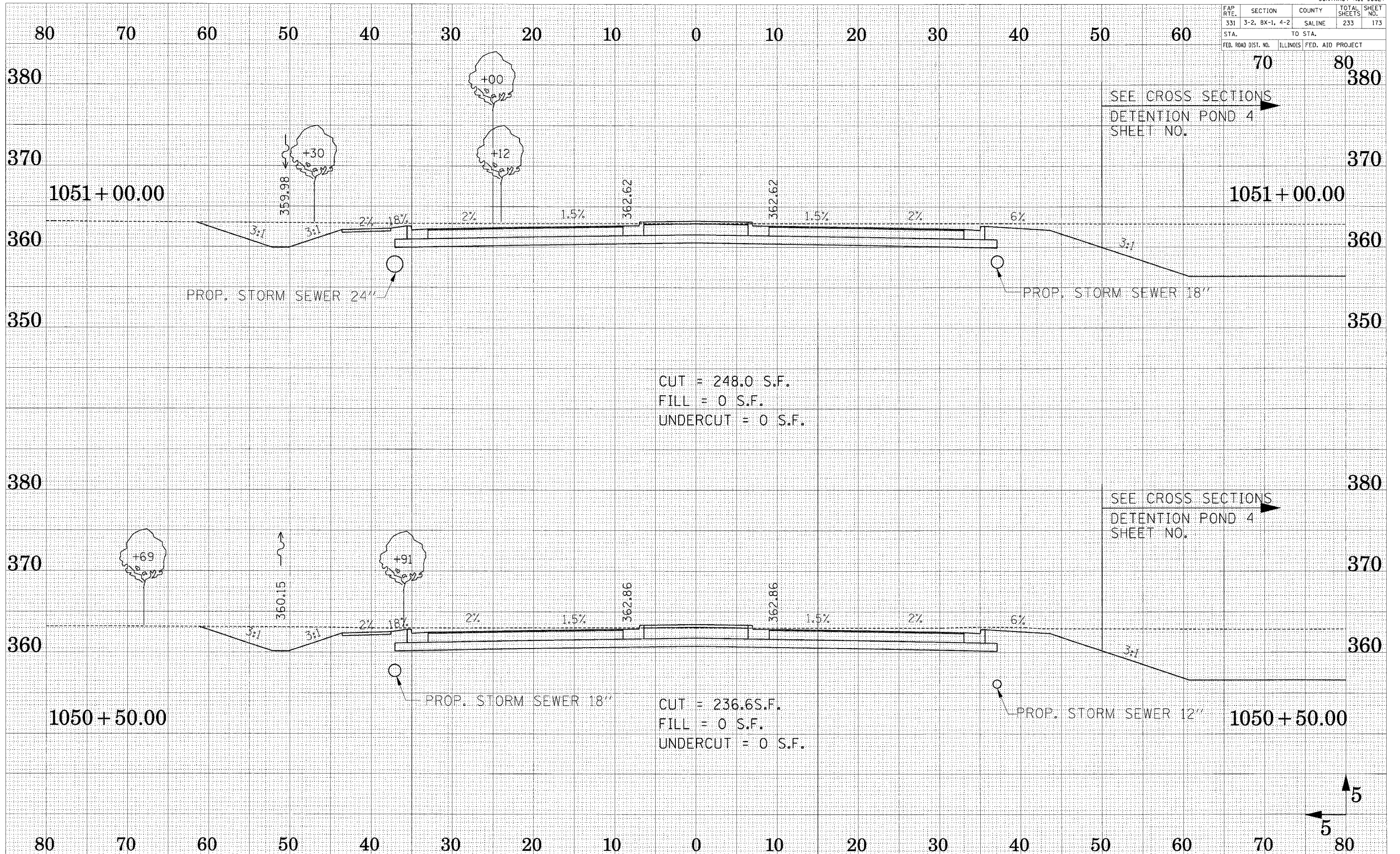


CROSS SECTION - ILL ROUTE 13

SURVEYED
 PLANNED
 REVISIONS
 DATE
 NO.

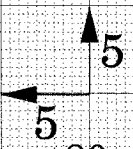
SURVEYED
 PLANNED
 REVISIONS
 DATE
 NO.

FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	173
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT



SEE CROSS SECTIONS
DETENTION POND 4
SHEET NO.

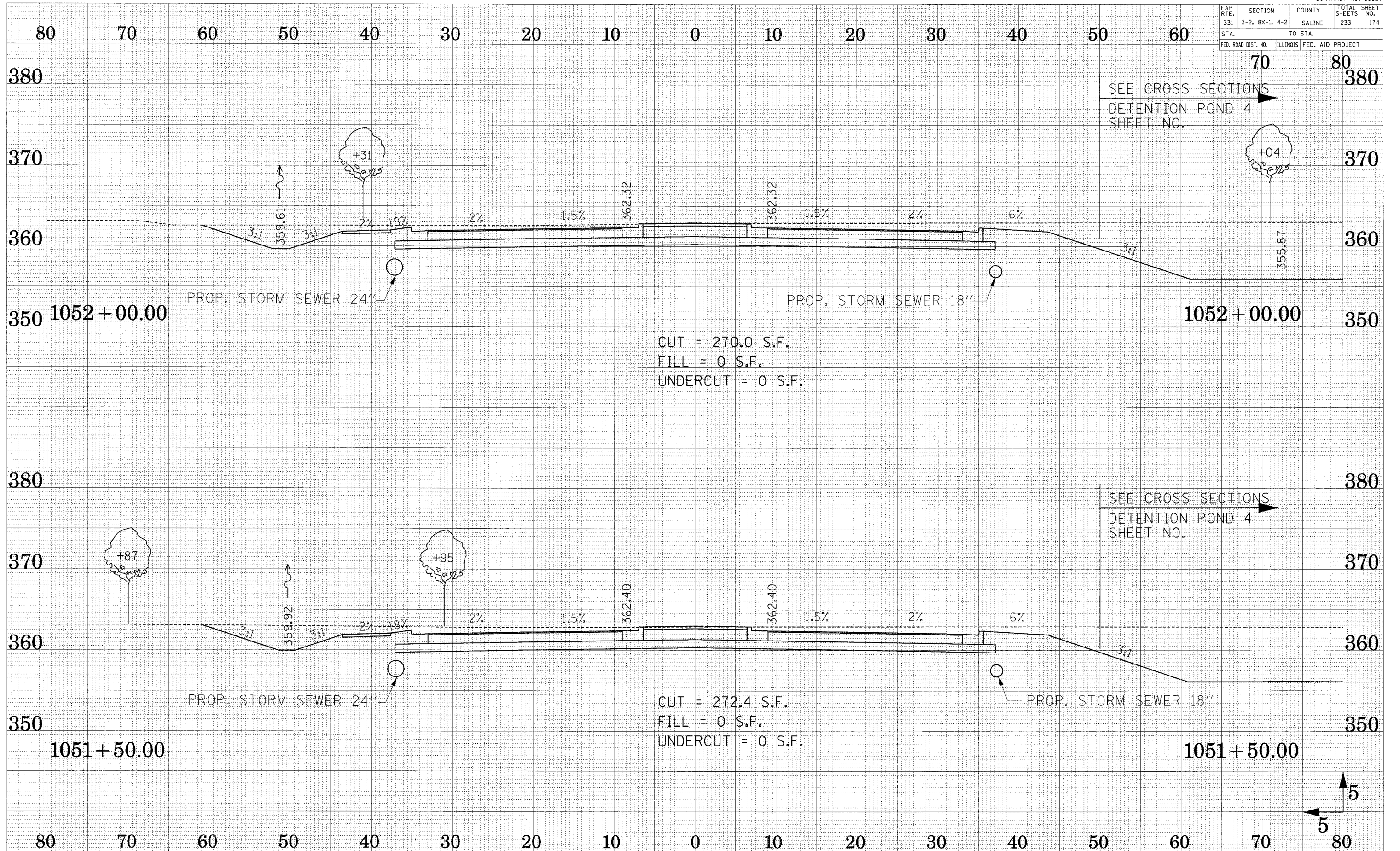
SEE CROSS SECTIONS
DETENTION POND 4
SHEET NO.



SURVEYED
 PLOTTED
 TEMPLATE
 AREAS
 CHECKED

SURVEYED
 PLOTTED
 TEMPLATE
 AREAS
 CHECKED

FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	174
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



SURVEYED
 SURVEY BOOK NO. _____
 NOTE BOOK NO. _____
 TEMPLATE NO. _____
 AREAS CHECKED
 AREAS CHECKED

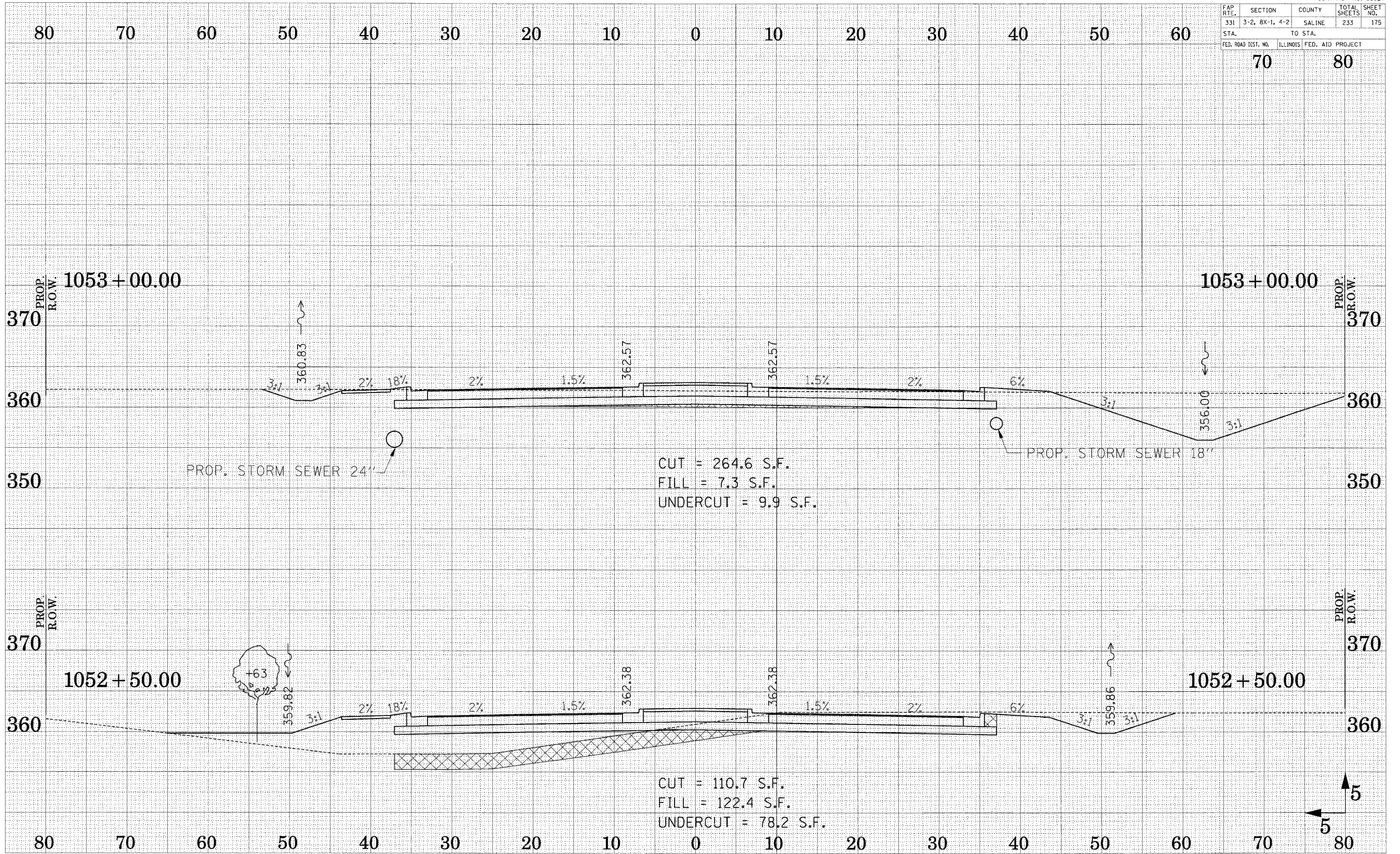
SURVEYED
 SURVEY BOOK NO. _____
 NOTE BOOK NO. _____
 TEMPLATE NO. _____
 AREAS CHECKED
 AREAS CHECKED

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	175
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

70 80

SURVEY
 SUBMITTED
 PLOTTED
 NOTE BOOK
 TEMPLATE
 NO.

SURVEY
 SUBMITTED
 PLOTTED
 NOTE BOOK
 TEMPLATE
 NO.



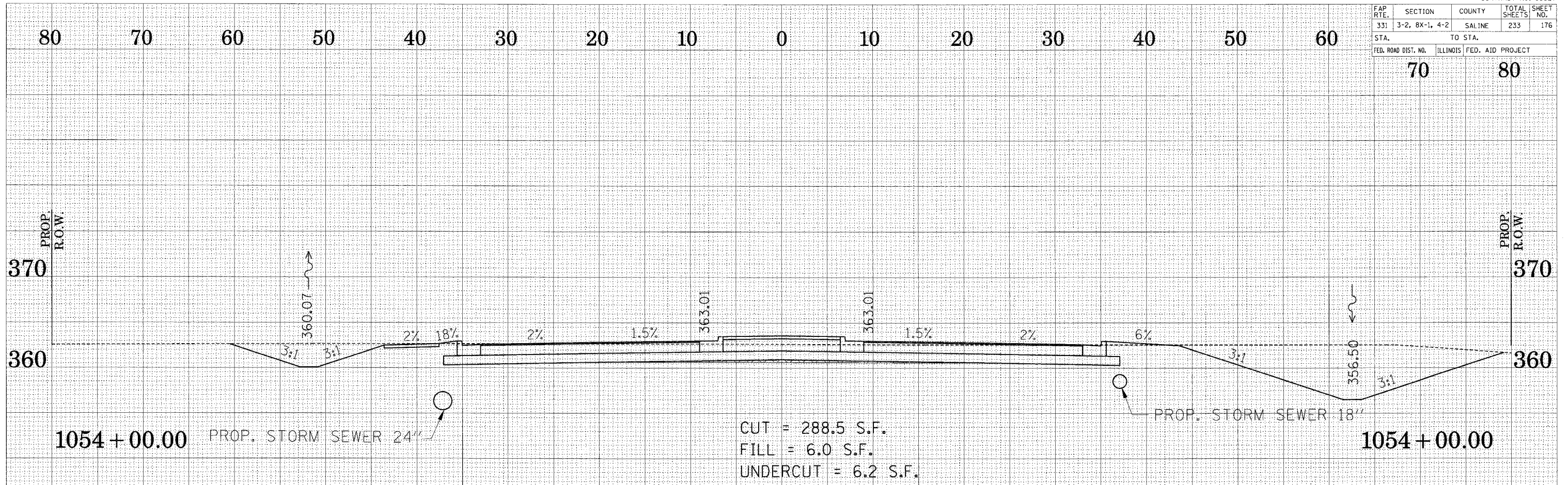
CUT = 264.6 S.F.
 FILL = 7.3 S.F.
 UNDERCUT = 9.9 S.F.

CUT = 110.7 S.F.
 FILL = 122.4 S.F.
 UNDERCUT = 78.2 S.F.

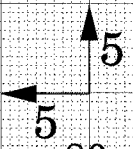
FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	176
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

70 80

SURVEYED
 PLOTTED
 NOTE BOOK
 AREAS
 CHECKED



SURVEYED
 PLOTTED
 NOTE BOOK
 AREAS
 CHECKED



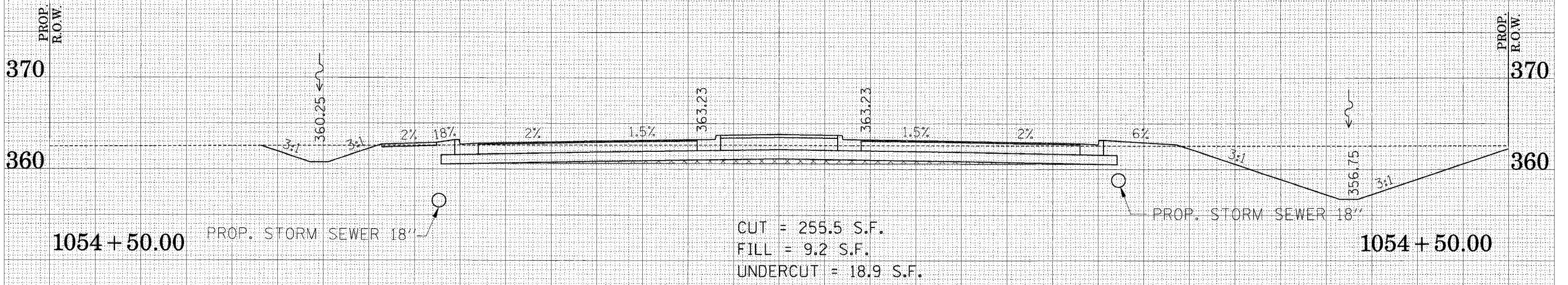
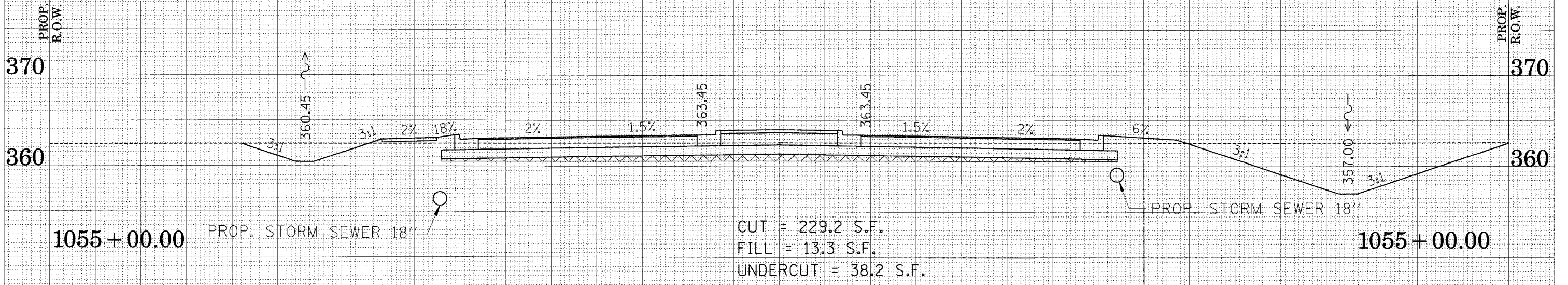
FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, BX-1, 4-2	SALINE	233	177
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

80 70 60 50 40 30 20 10 0 10 20 30 40 50 60

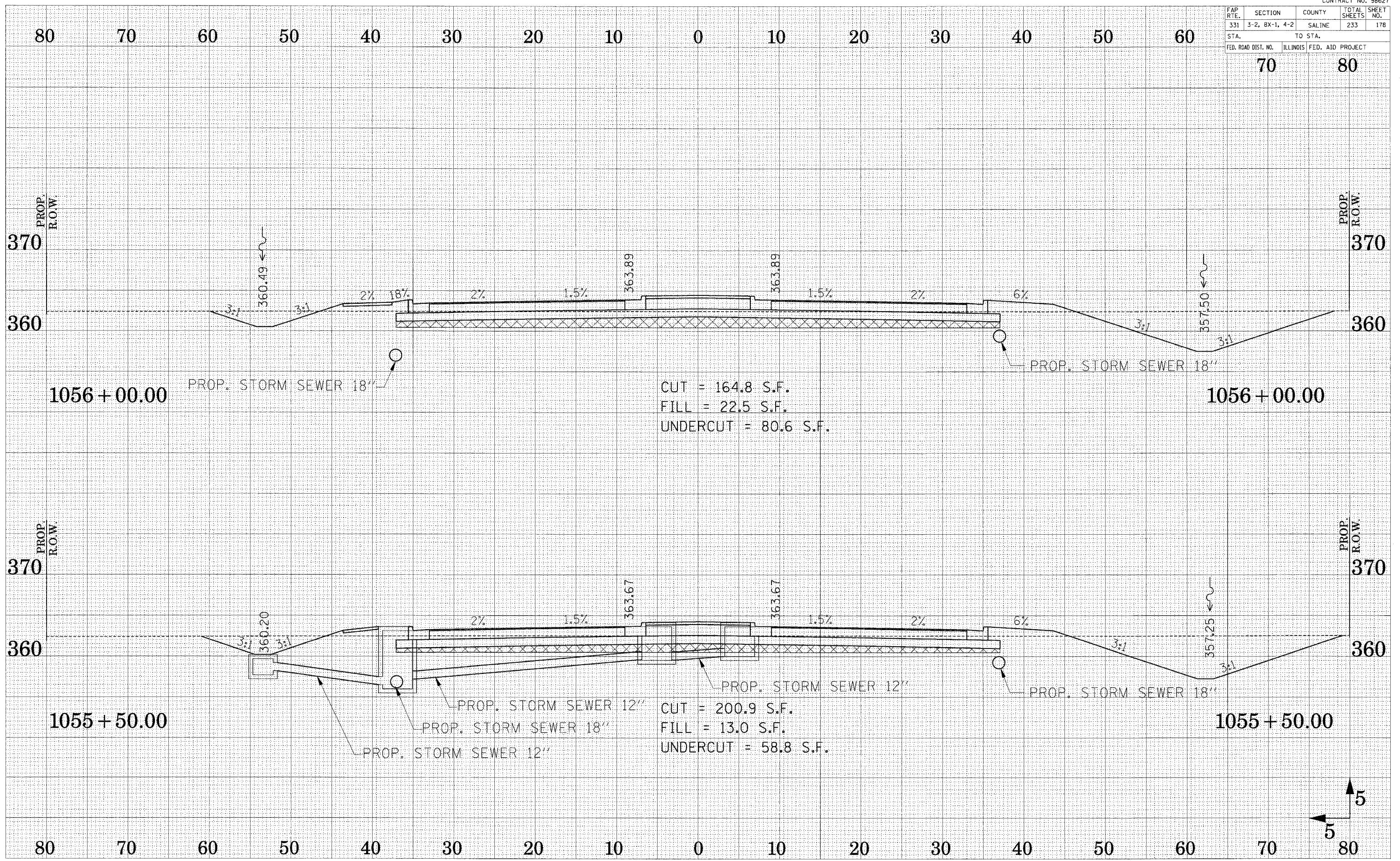
70 80

SURVEYED
BY
DATE
SCALE
NO.

SURVEYED
BY
DATE
SCALE
NO.



FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	178
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



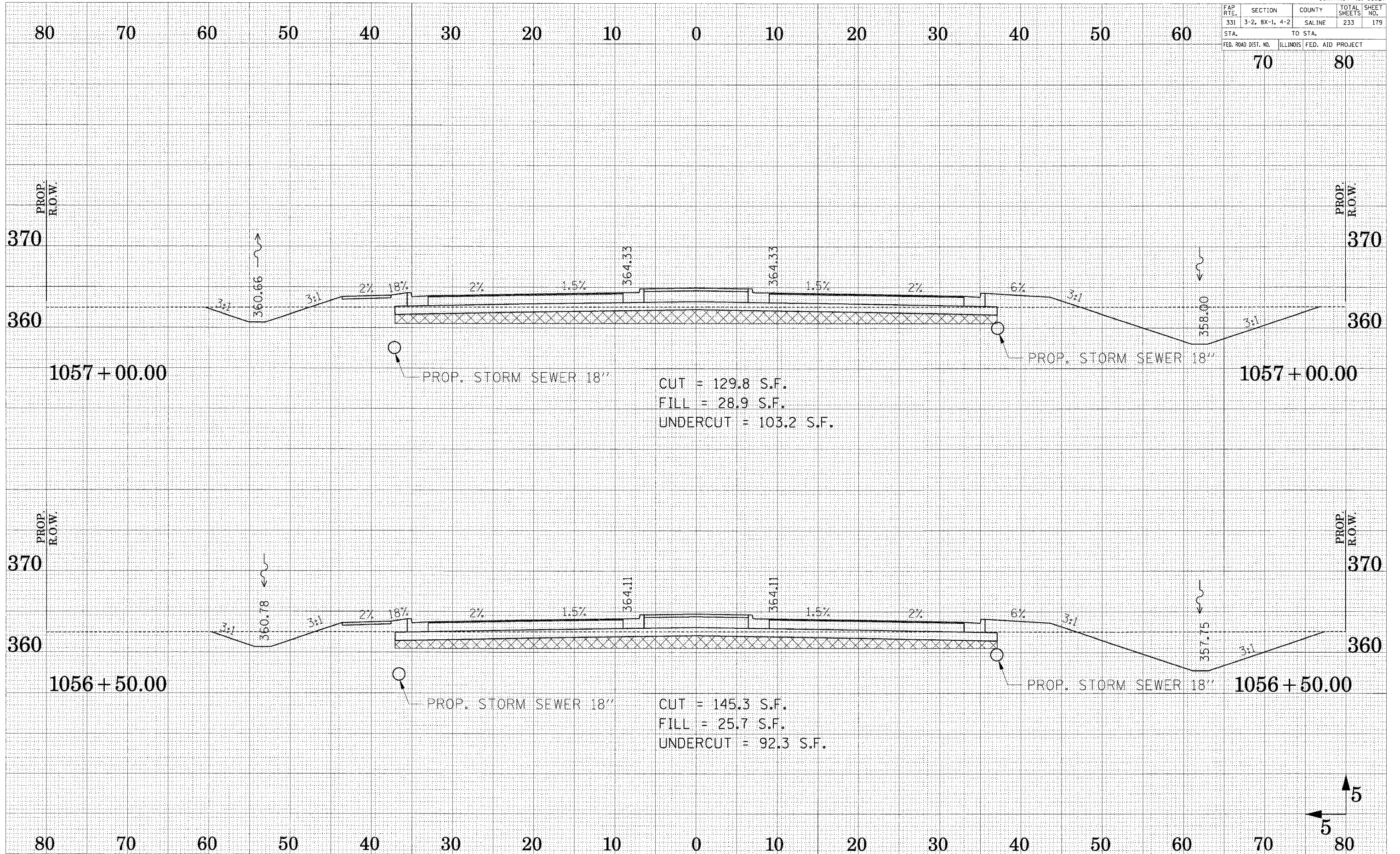
CUT = 164.8 S.F.
 FILL = 22.5 S.F.
 UNDERCUT = 80.6 S.F.

CUT = 200.9 S.F.
 FILL = 13.0 S.F.
 UNDERCUT = 58.8 S.F.

DESIGNED
 SURVEY
 PLOTTED
 TEMPLATE
 AREA
 CHECKED

DESIGNED
 SURVEY
 PLOTTED
 TEMPLATE
 AREA
 CHECKED

FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	179
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



1057+00.00

1057+00.00

CUT = 129.8 S.F.
 FILL = 28.9 S.F.
 UNDERCUT = 103.2 S.F.

1056+50.00

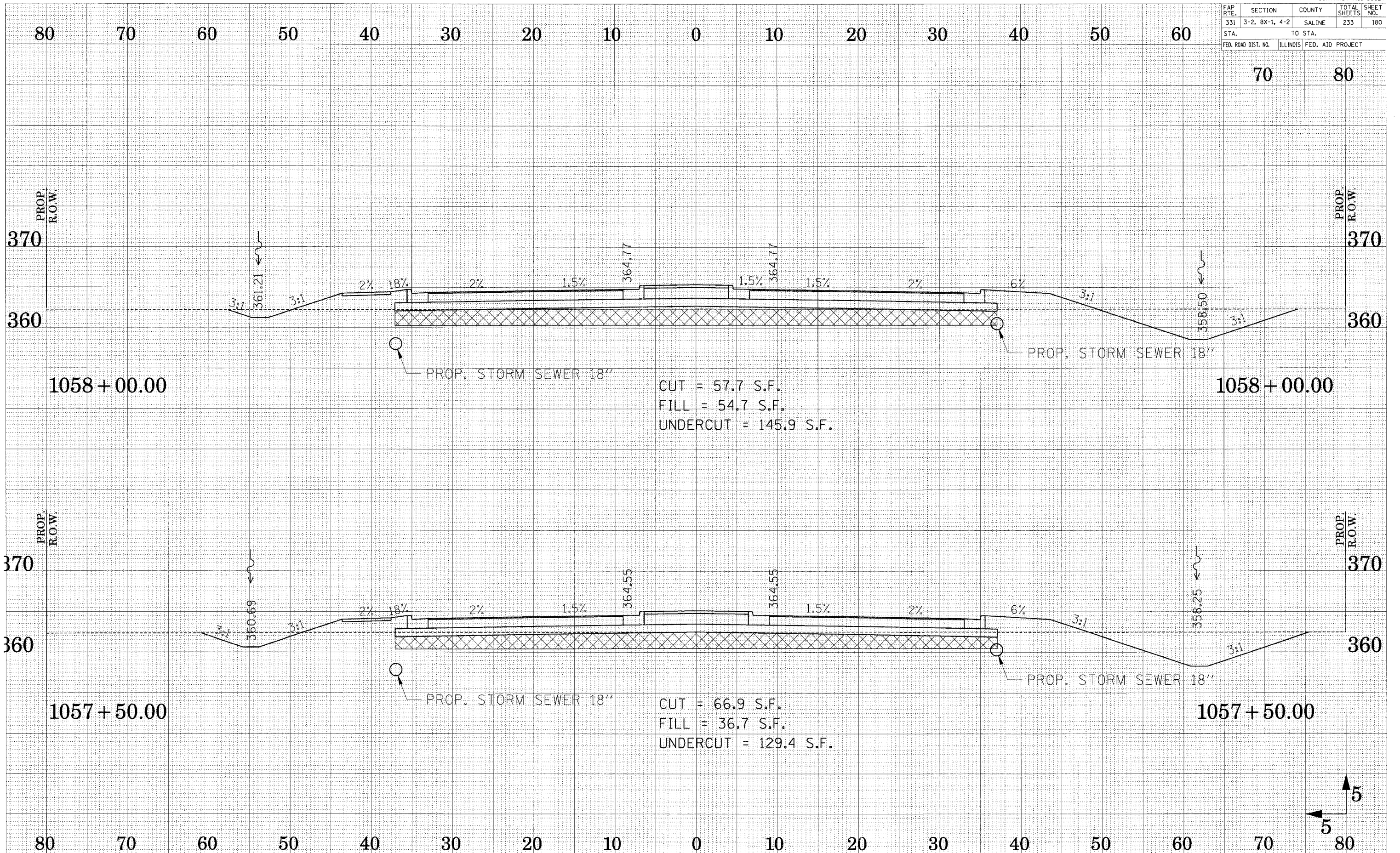
1056+50.00

CUT = 145.3 S.F.
 FILL = 25.7 S.F.
 UNDERCUT = 92.3 S.F.

SURVEY
 SUBMITTED
 PLOTTED
 TEMPLATE
 AREA
 CHECKED

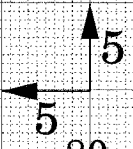
SURVEY
 SUBMITTED
 PLOTTED
 TEMPLATE
 AREA
 CHECKED

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	180
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

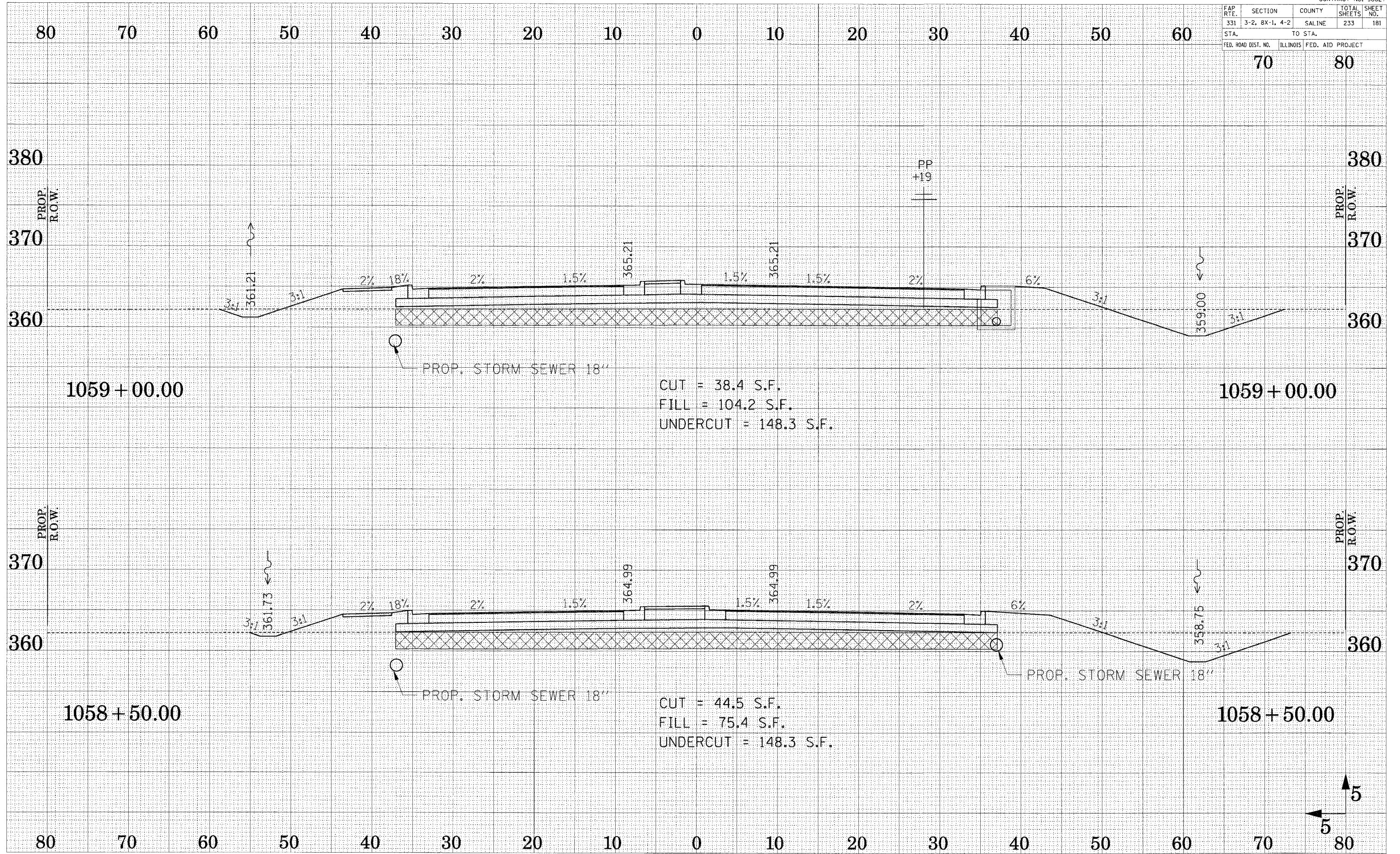


SUBMITTED
 SURVEY
 PLOTTED
 TEMPLATE
 NO. _____
 AREAS
 CHECKED
 NO. _____

SUBMITTED
 SURVEY
 PLOTTED
 TEMPLATE
 NO. _____
 AREAS
 CHECKED
 NO. _____



FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	181
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT



1059 + 00.00

1059 + 00.00

CUT = 38.4 S.F.
 FILL = 104.2 S.F.
 UNDERCUT = 148.3 S.F.

1058 + 50.00

1058 + 50.00

CUT = 44.5 S.F.
 FILL = 75.4 S.F.
 UNDERCUT = 148.3 S.F.

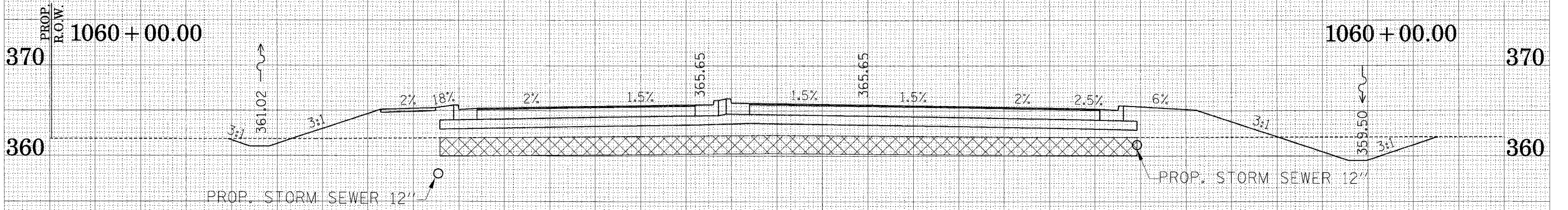
UNRECORDED
 SURVEY
 NOTE BOOK
 NO.

UNRECORDED
 SURVEY
 NOTE BOOK
 NO.

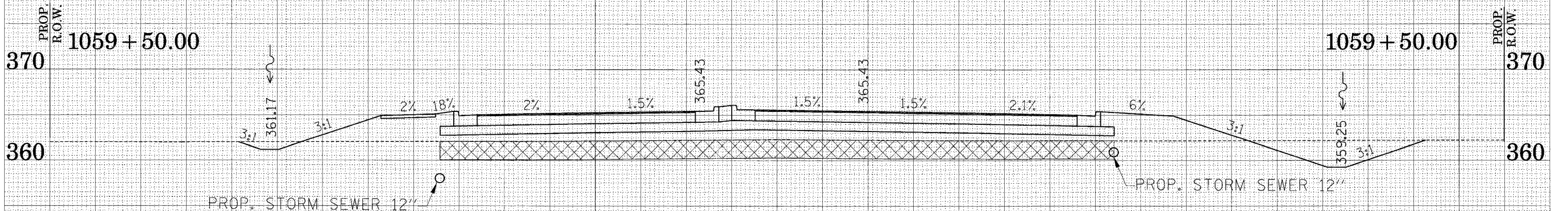
FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	182
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

80 70 60 50 40 30 20 10 0 10 20 30 40 50 60

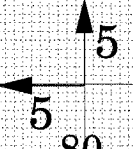
70 80



CUT = 28.4 S.F.
 FILL = 165.4 S.F.
 UNDERCUT = 153.4 S.F.



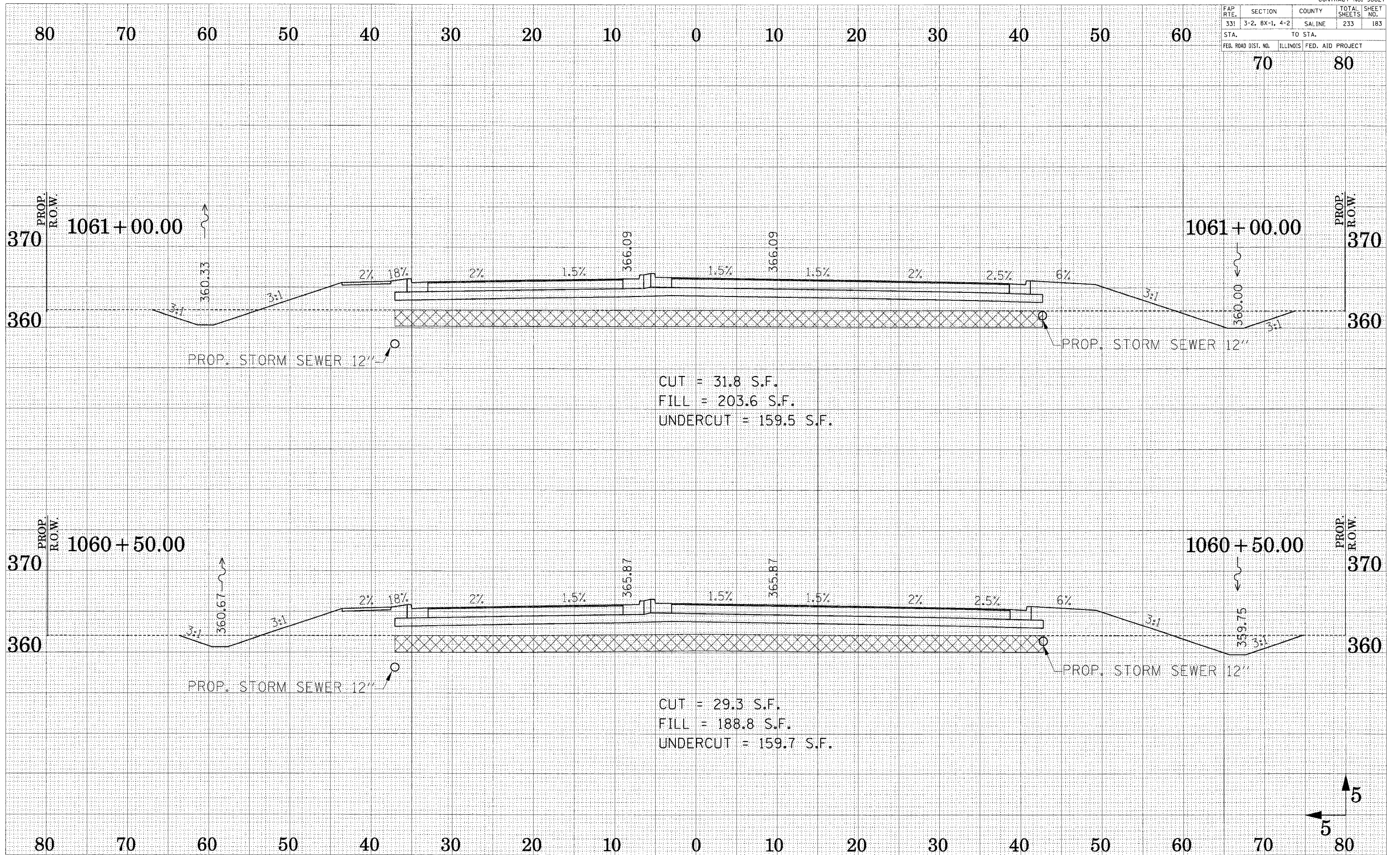
CUT = 34.4 S.F.
 FILL = 134.3 S.F.
 UNDERCUT = 148.3 S.F.



SURVEYED
 PLANNED
 TEMPORARY
 PERMANENT
 AREAS
 CHECKED
 NO.

SURVEYED
 PLANNED
 TEMPORARY
 PERMANENT
 AREAS
 CHECKED
 NO.

FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	183
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

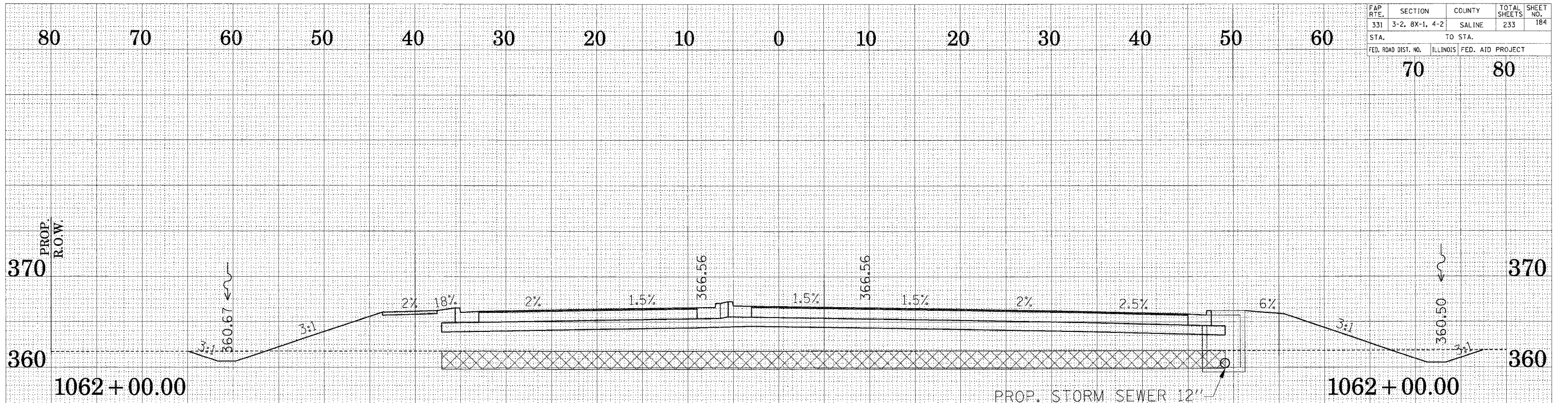


SURVEYED
 PLOTTED
 TEMPLATE
 AREAS CHECKED
 NO.

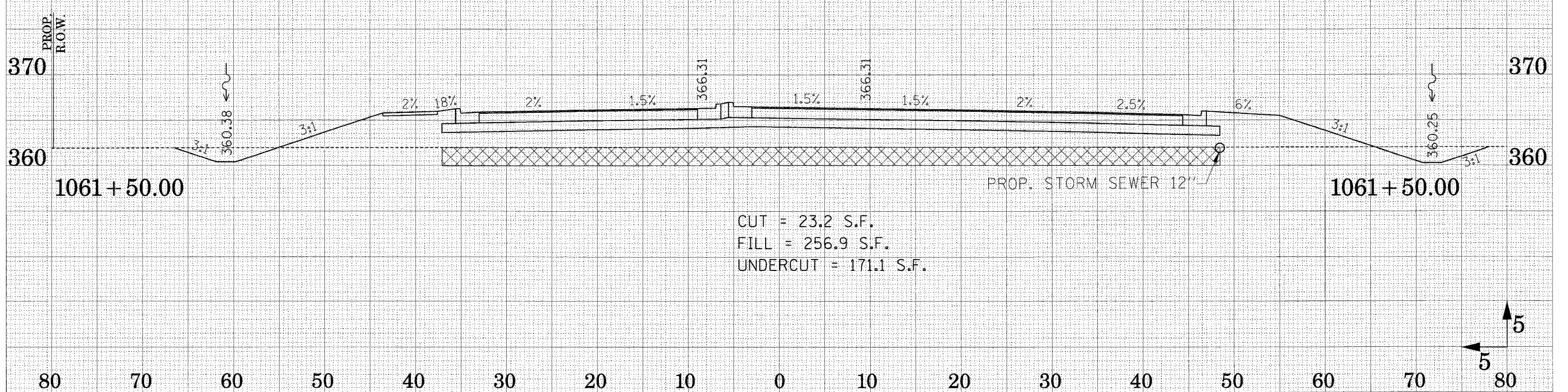
SURVEYED
 PLOTTED
 TEMPLATE
 AREAS CHECKED
 NO.

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	184
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

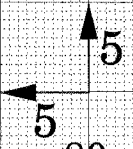
70 80



CUT = 14.1 S.F.
 FILL = 308.3 S.F.
 UNDERCUT = 172.3 S.F.



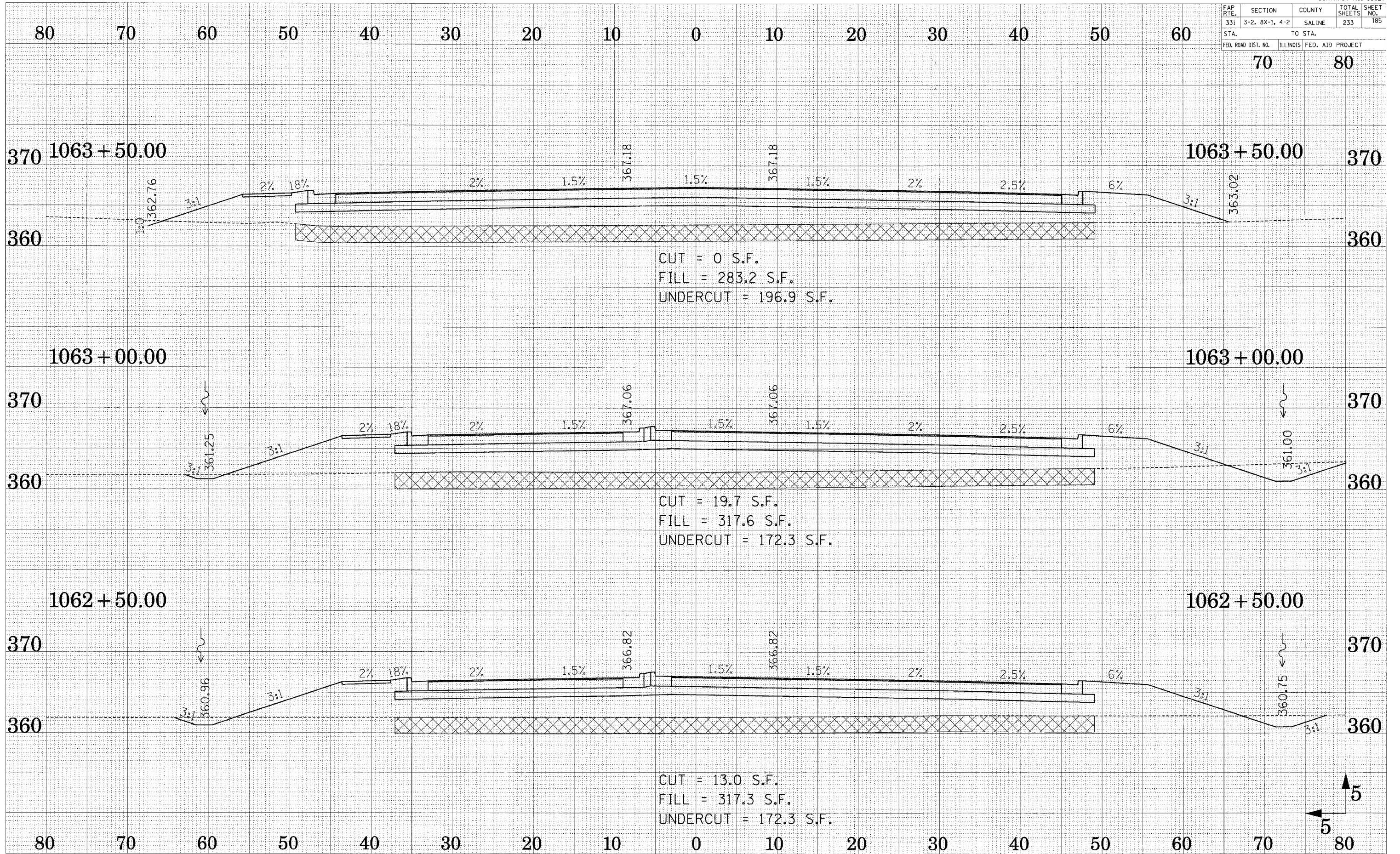
CUT = 23.2 S.F.
 FILL = 256.9 S.F.
 UNDERCUT = 171.1 S.F.



SURVEYED
 PLOTTED
 TEMPLATE
 AREAS CHECKED
 NO.

SURVEYED
 PLOTTED
 TEMPLATE
 AREAS CHECKED
 NO.

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	185
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT

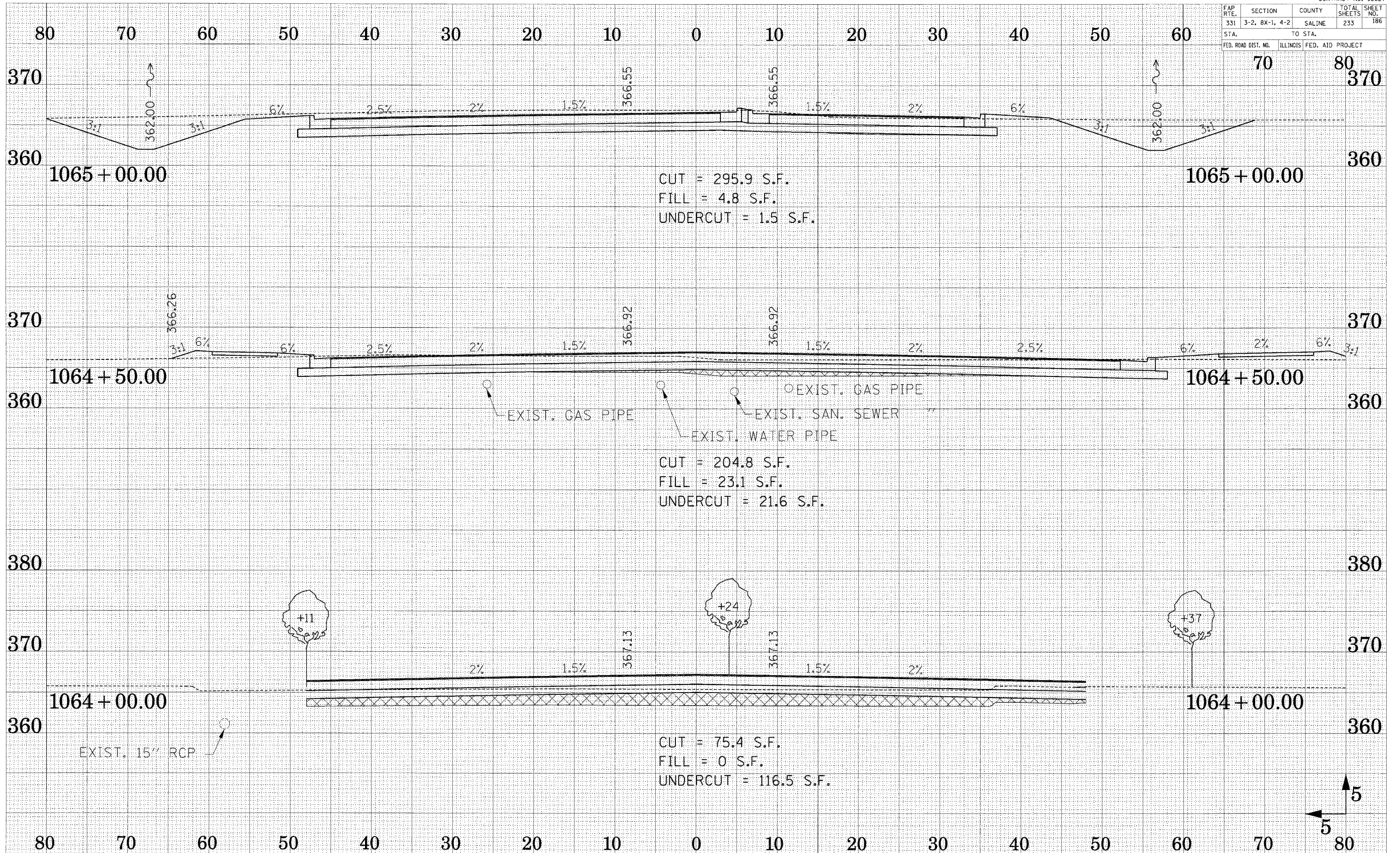


CROSS SECTION - ILL ROUTE 13

SURVEY
 PLOTTED
 TEMPLATE
 AREAS
 CHECKED

SURVEY
 PLOTTED
 TEMPLATE
 AREAS
 CHECKED

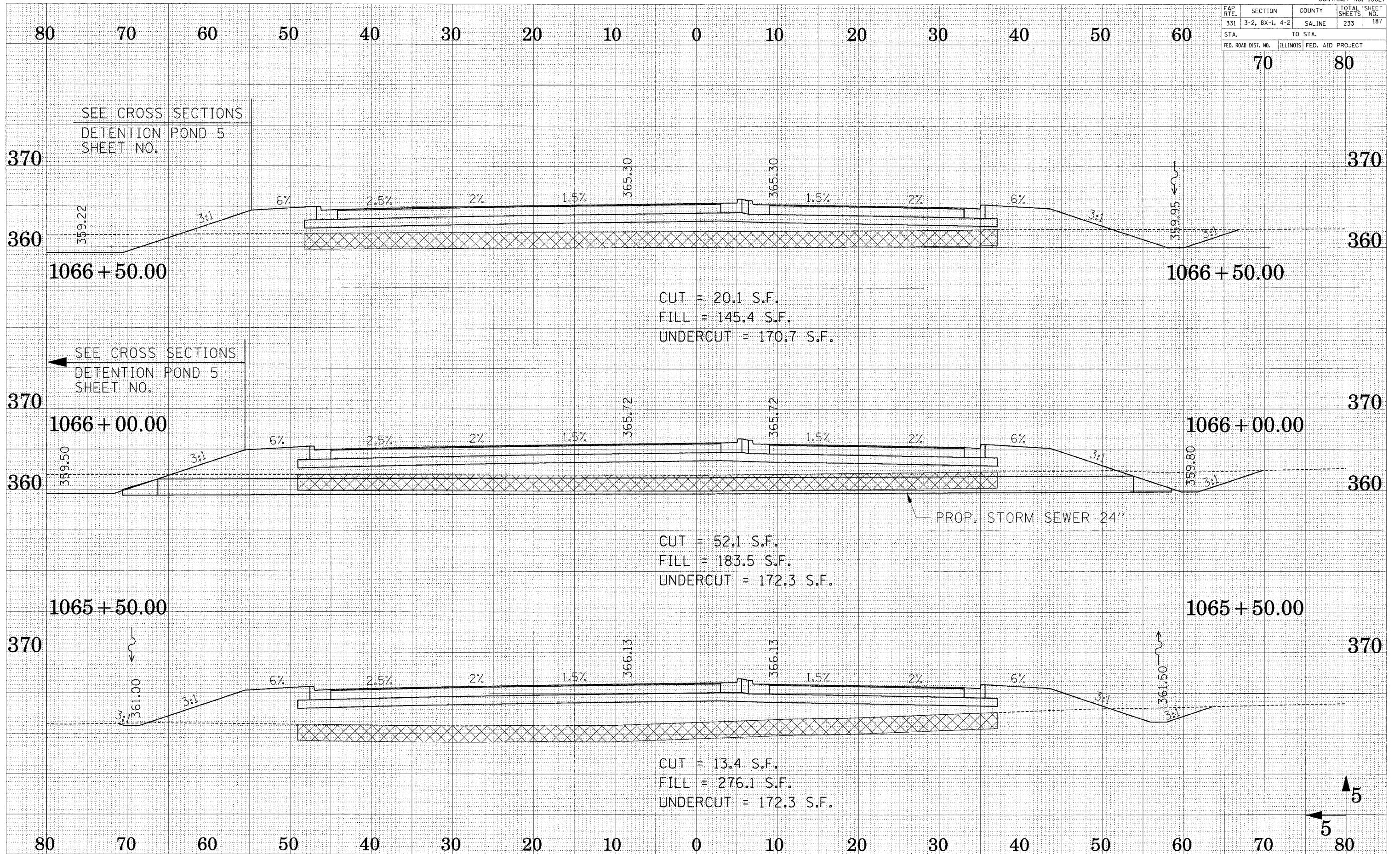
FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	186
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



SURVEYED
 SURVEY
 PLOTTED
 TEMPLATE
 AREAS CHECKED
 NO.

SURVEYED
 SURVEY
 PLOTTED
 TEMPLATE
 AREAS CHECKED
 NO.

FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	187
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

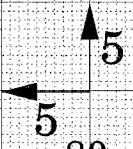


CUT = 20.1 S.F.
 FILL = 145.4 S.F.
 UNDERCUT = 170.7 S.F.

CUT = 52.1 S.F.
 FILL = 183.5 S.F.
 UNDERCUT = 172.3 S.F.

CUT = 13.4 S.F.
 FILL = 276.1 S.F.
 UNDERCUT = 172.3 S.F.

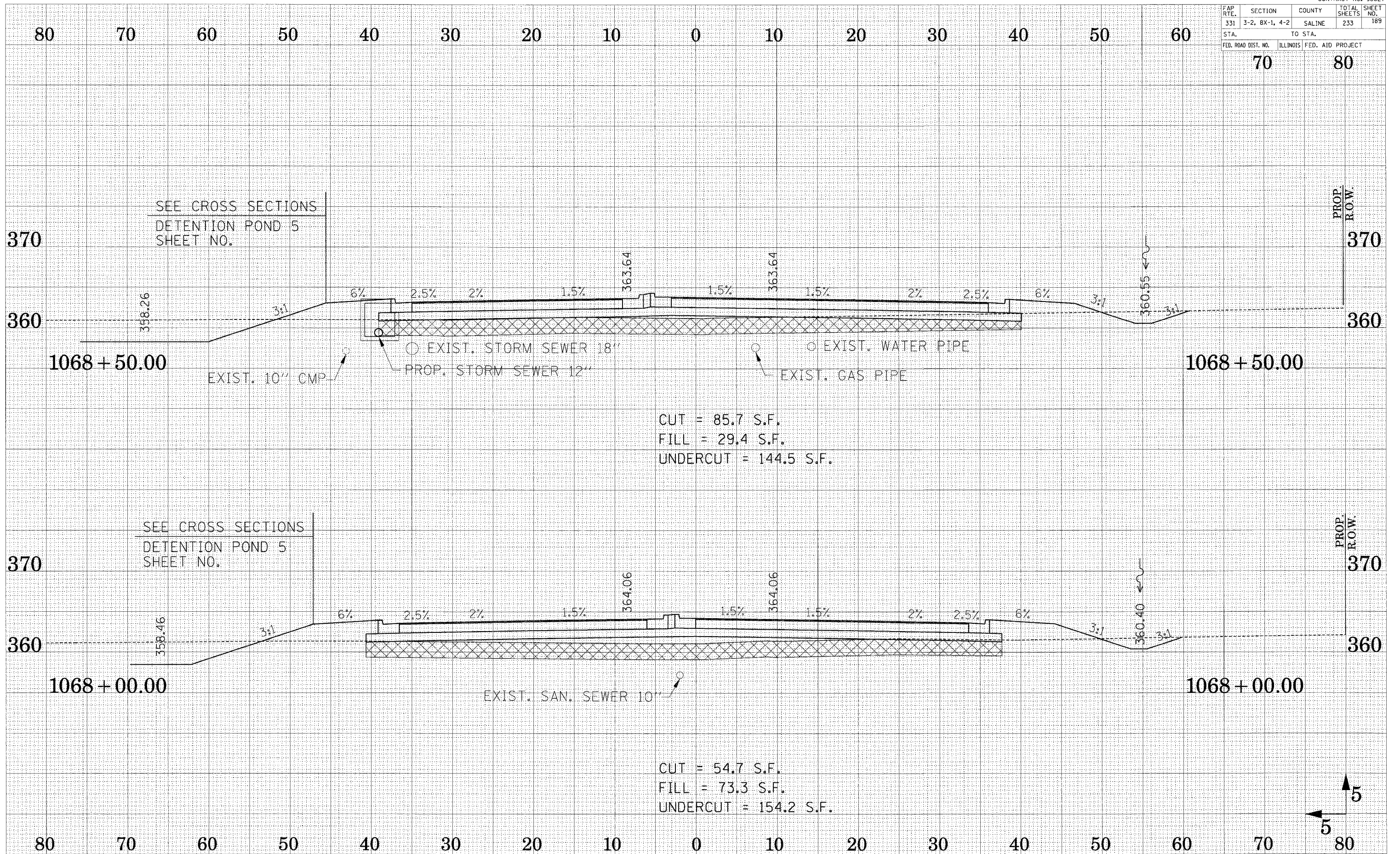
PROP. STORM SEWER 24"



EMPLOYED
 SURVEY
 PLOTTED
 TEMPLATE
 AREAS
 CHECKED

EMPLOYED
 SURVEY
 PLOTTED
 TEMPLATE
 AREAS
 CHECKED

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	189
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

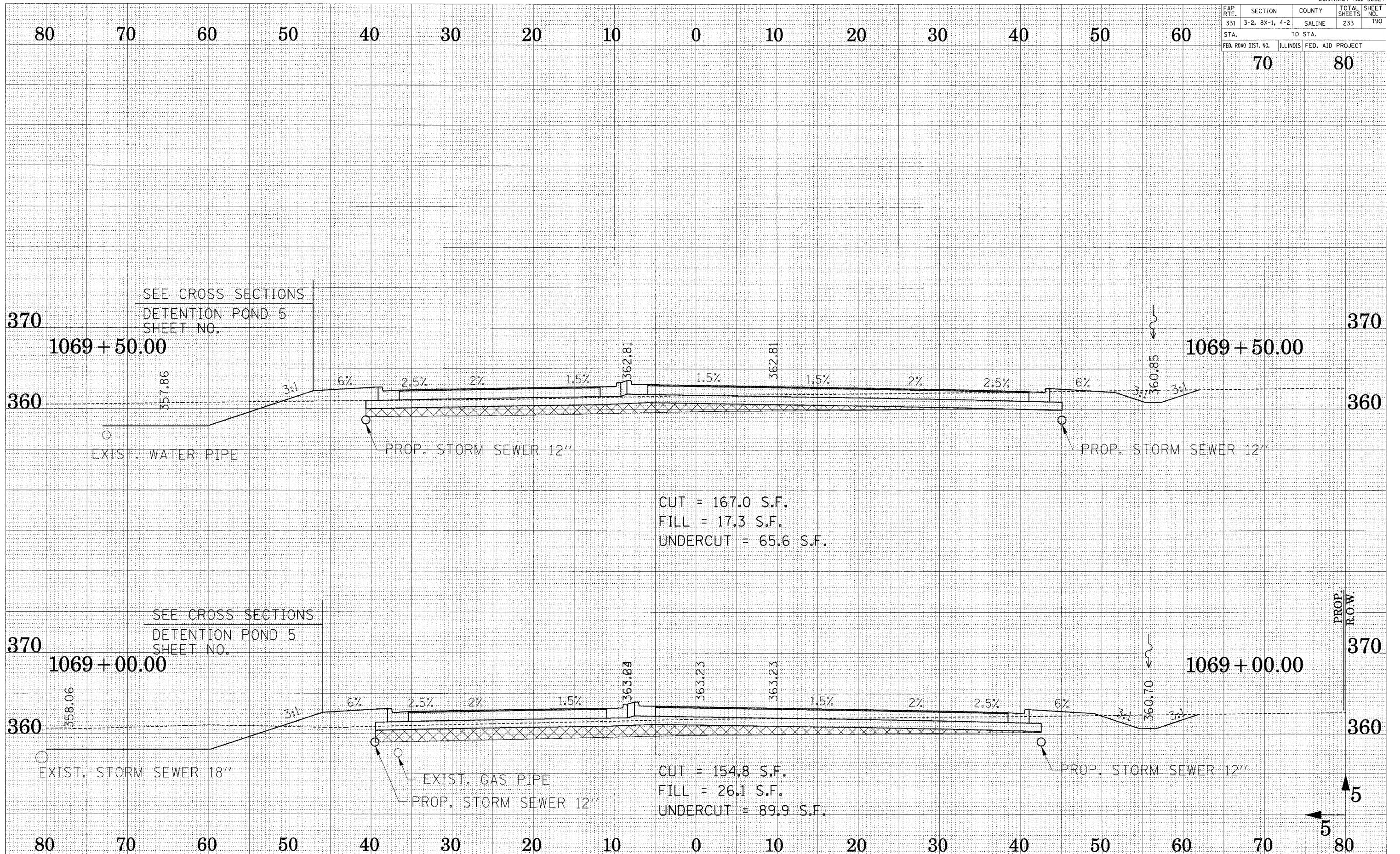


SURVEYED
 PLOTTED
 TEMPLATE
 AREAS CHECKED
 NO.

SURVEYED
 PLOTTED
 TEMPLATE
 AREAS CHECKED
 NO.

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	190
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

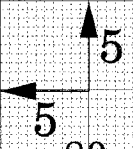
70 80



CUT = 167.0 S.F.
 FILL = 17.3 S.F.
 UNDERCUT = 65.6 S.F.

CUT = 154.8 S.F.
 FILL = 26.1 S.F.
 UNDERCUT = 89.9 S.F.

PROP. R.O.W.



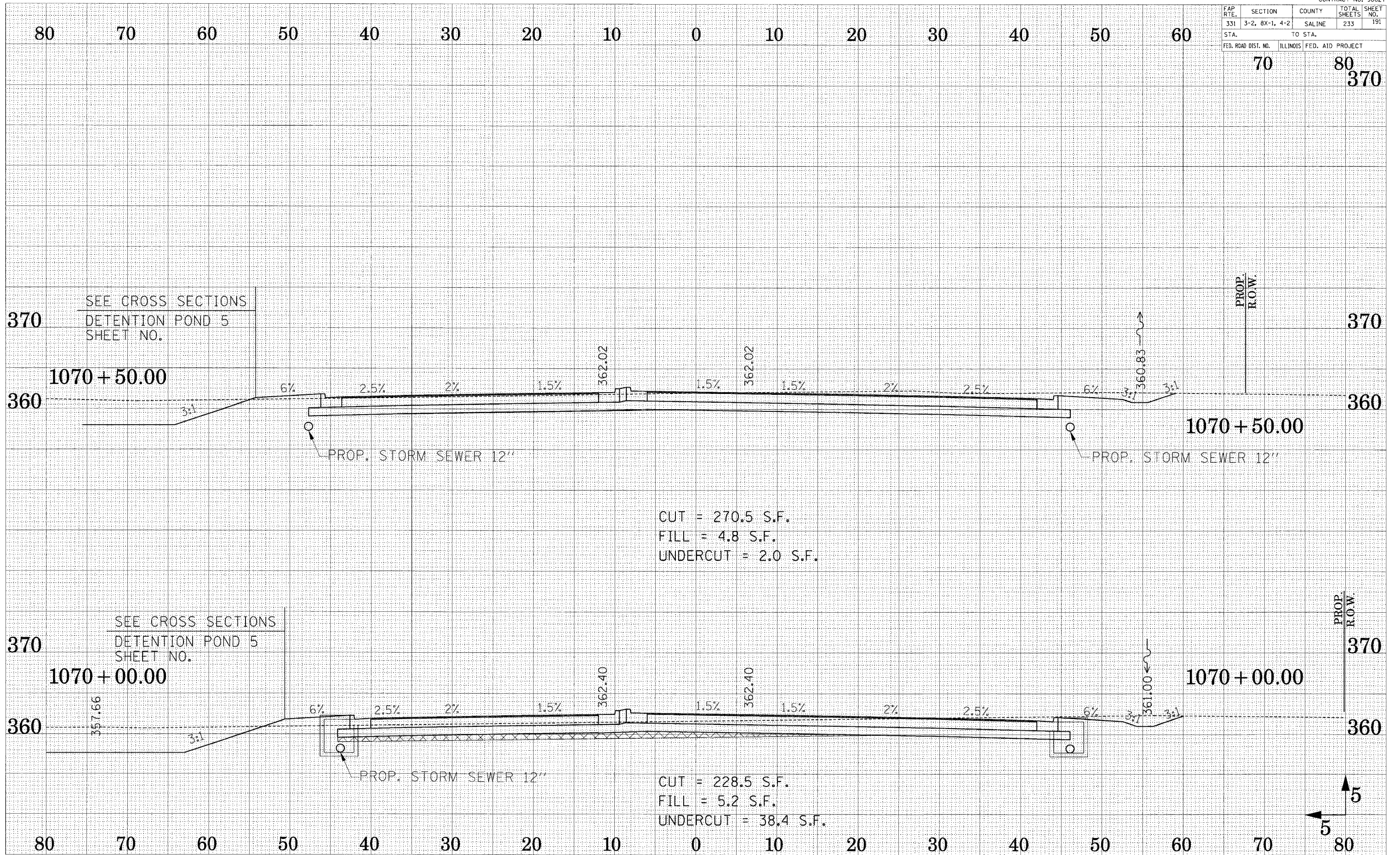
CROSS SECTION - ILL ROUTE 13

SURVEY
 SUBMITTED
 PLOTTED
 TEMPLATE
 NOTE BOOK
 AREAS CHECKED
 NO.

SURVEY
 SUBMITTED
 PLOTTED
 TEMPLATE
 NOTE BOOK
 AREAS CHECKED
 NO.

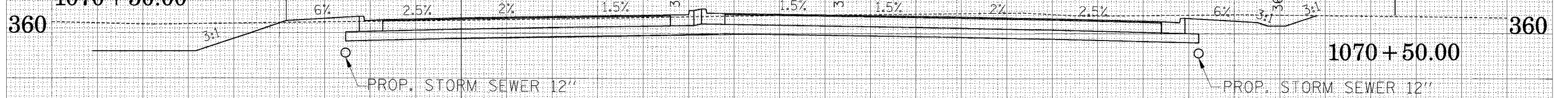
FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	191
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

70 80
370 370



370 SEE CROSS SECTIONS
DETENTION POND 5
SHEET NO.

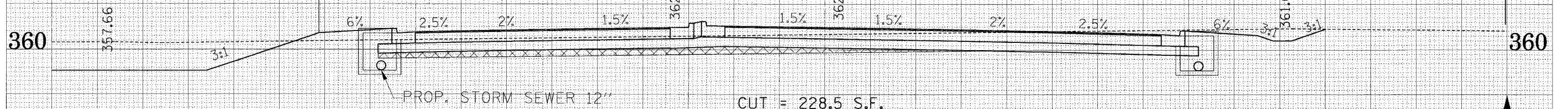
1070+50.00



CUT = 270.5 S.F.
FILL = 4.8 S.F.
UNDERCUT = 2.0 S.F.

370 SEE CROSS SECTIONS
DETENTION POND 5
SHEET NO.

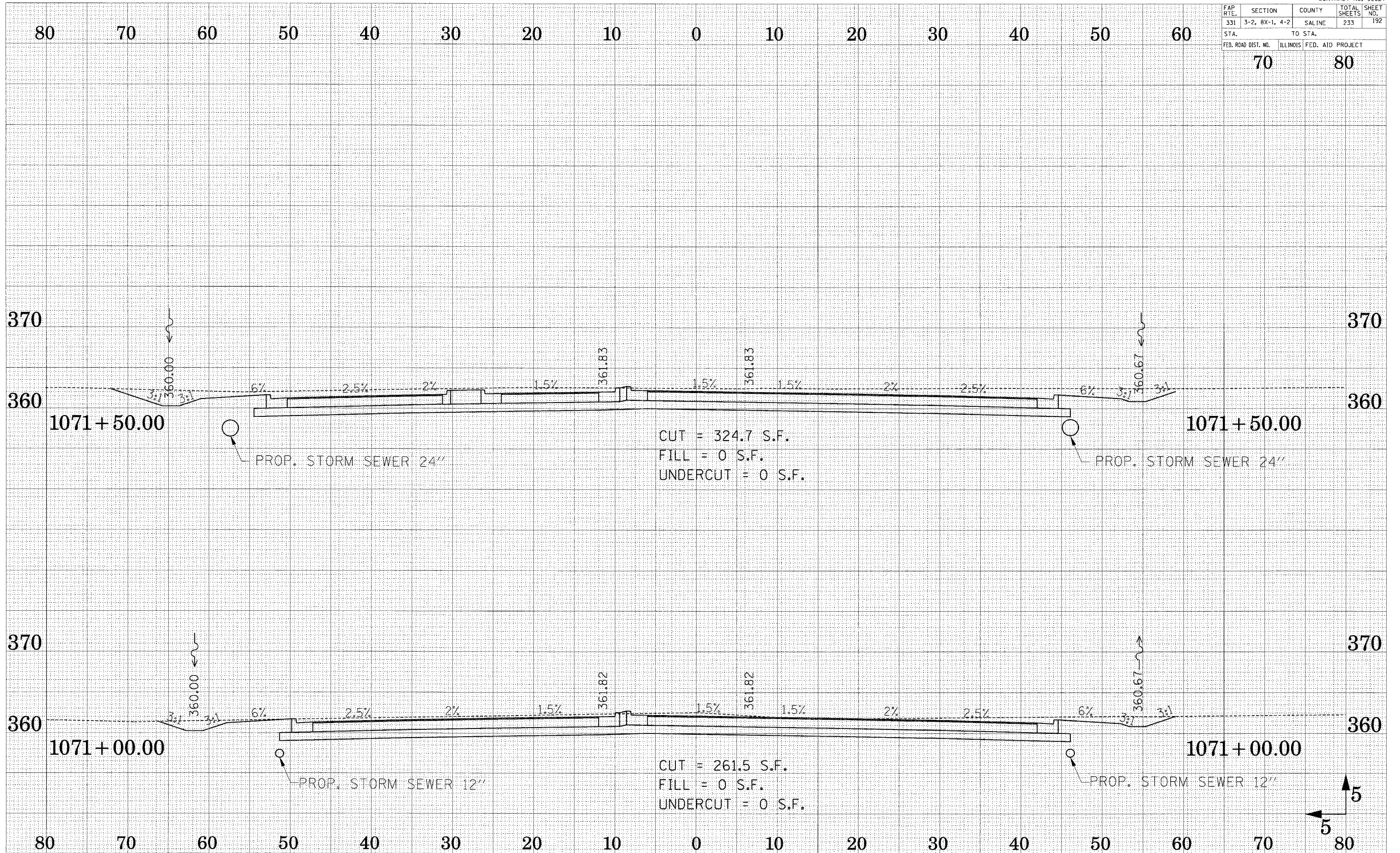
1070+00.00



CUT = 228.5 S.F.
FILL = 5.2 S.F.
UNDERCUT = 38.4 S.F.

80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80

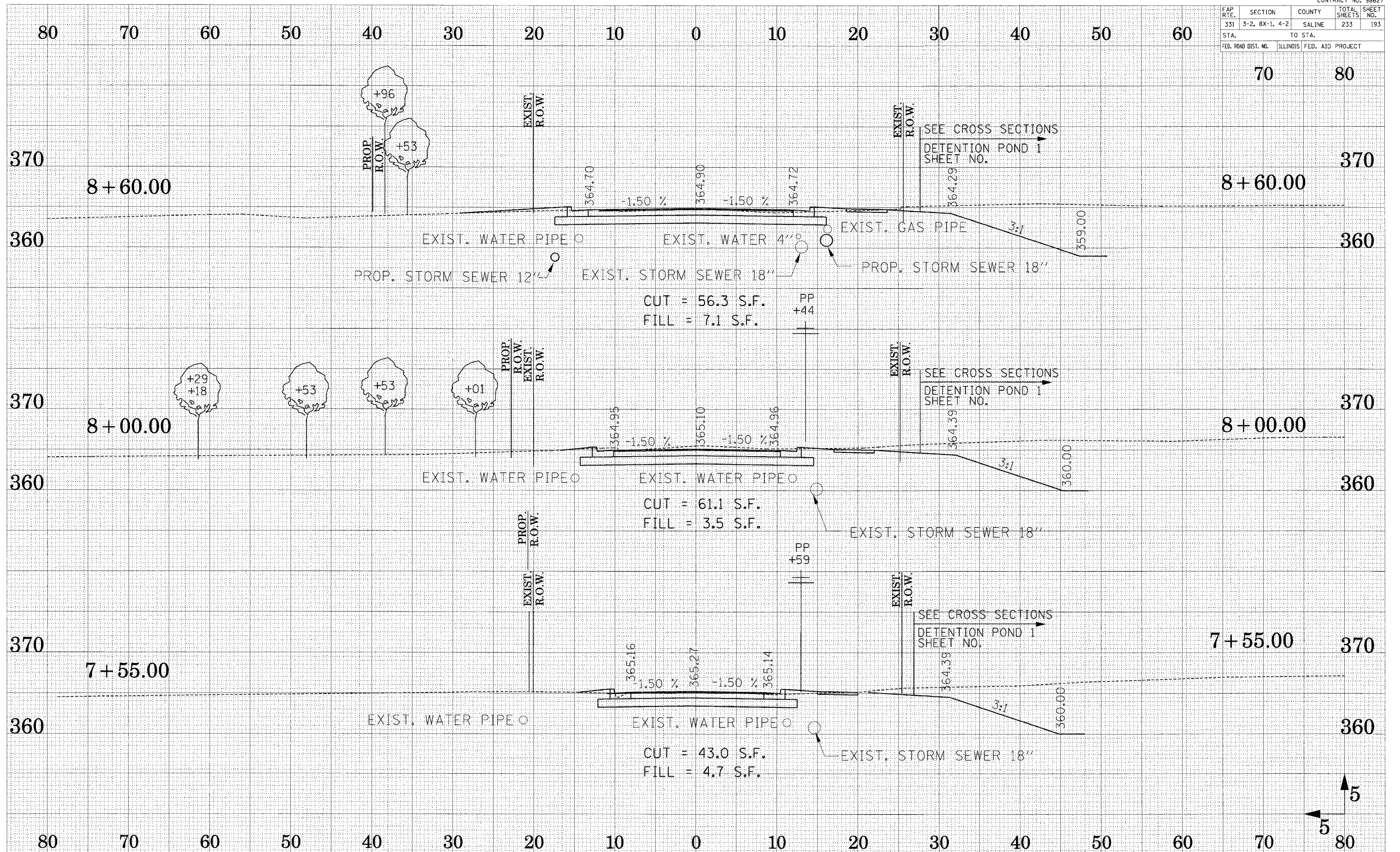
FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	192
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
		70	80	



ENGINEERED SURVEY
 PLOTTED TEMPLATE
 SURVEY NOTE BOOK NO. _____
 AREAS CHECKED _____

ENGINEERED SURVEY
 PLOTTED TEMPLATE
 SURVEY NOTE BOOK NO. _____
 AREAS CHECKED _____

FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	193
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

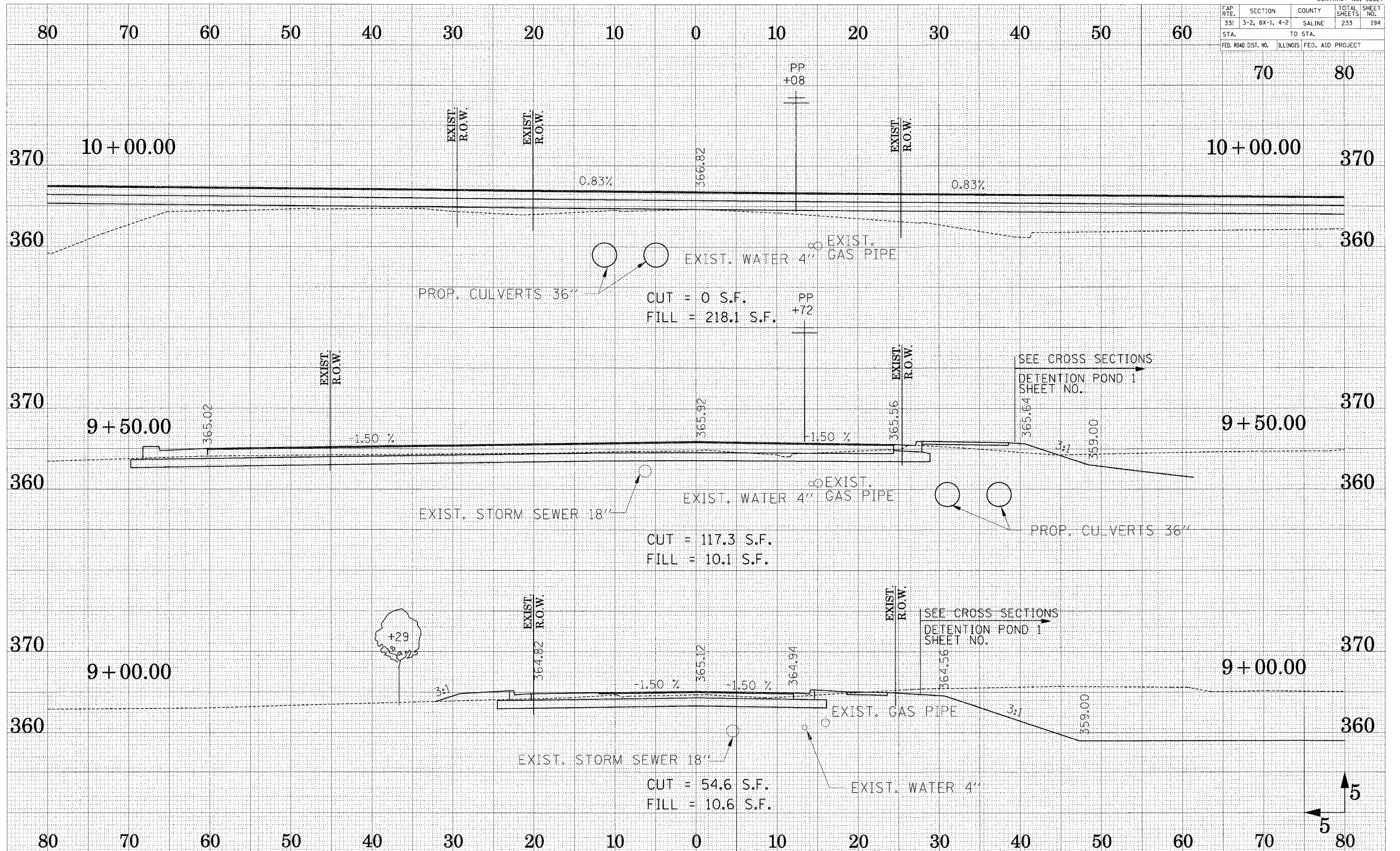


CROSS SECTION - GRANGER STREET

SURVEYED
 SURVEY
 NOTE BOOK
 TEMPLATE
 AREAS
 AREAS CHECKED

SURVEYED
 SURVEY
 NOTE BOOK
 TEMPLATE
 AREAS
 AREAS CHECKED

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	194
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PROP. CULVERTS 36"
 CUT = 0 S.F.
 FILL = 218.1 S.F.

CUT = 117.3 S.F.
 FILL = 10.1 S.F.

CUT = 54.6 S.F.
 FILL = 10.6 S.F.

SEE CROSS SECTIONS
 DETENTION POND 1
 SHEET NO.

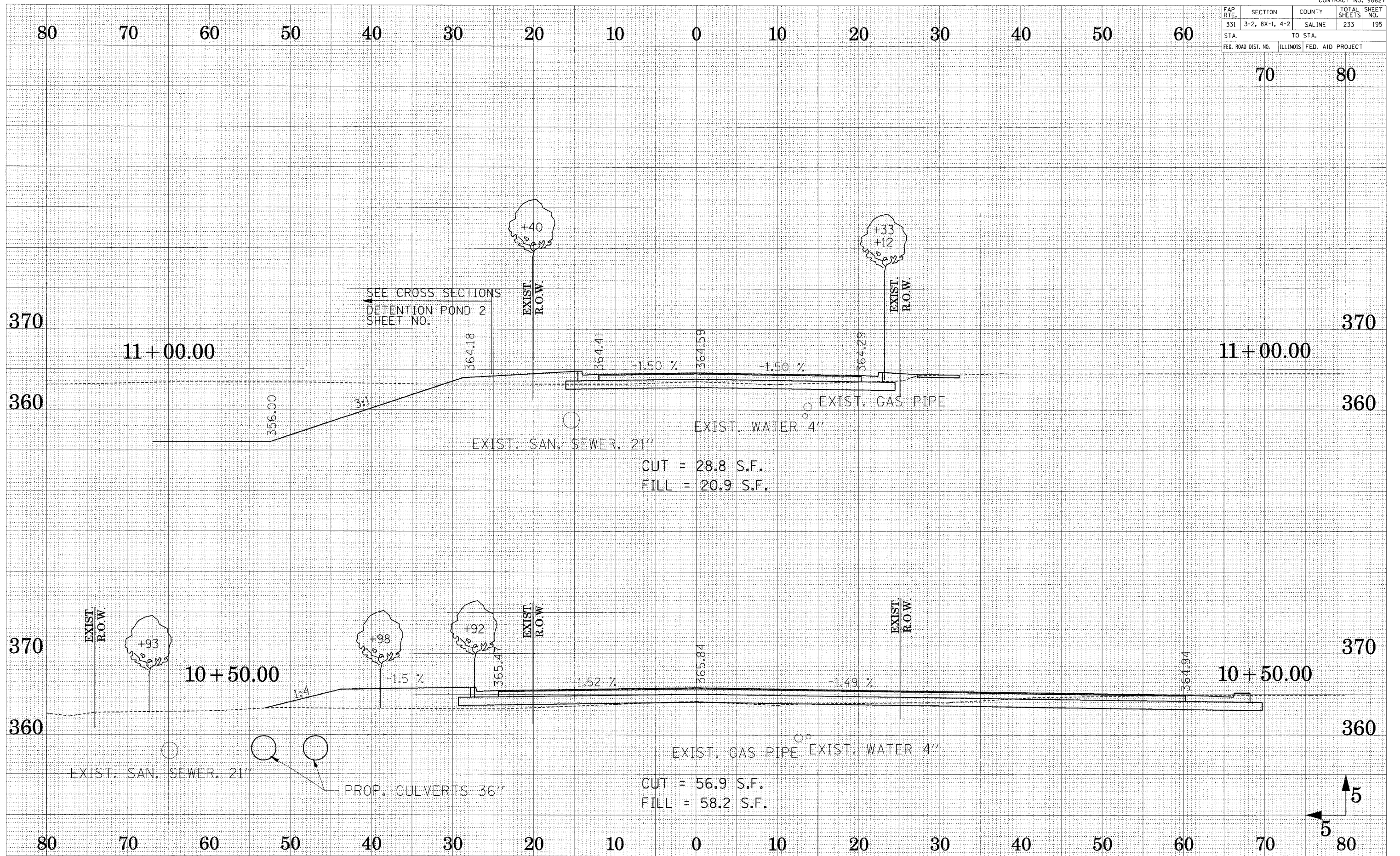
SEE CROSS SECTIONS
 DETENTION POND 1
 SHEET NO.

CROSS SECTION - GRANGER STREET

NO. SURVEYED AREAS CHECKED
 NO. SURVEYED AREAS CHECKED
 NO. SURVEYED AREAS CHECKED

NO. SURVEYED AREAS CHECKED
 NO. SURVEYED AREAS CHECKED
 NO. SURVEYED AREAS CHECKED

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	195
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



SEE CROSS SECTIONS
DETENTION POND 2
SHEET NO.

CUT = 28.8 S.F.
FILL = 20.9 S.F.

CUT = 56.9 S.F.
FILL = 58.2 S.F.

SUBMITTED SURVEY PLOTTED TEMPLATE AREAS CHECKED
 DATE BOOK NO.

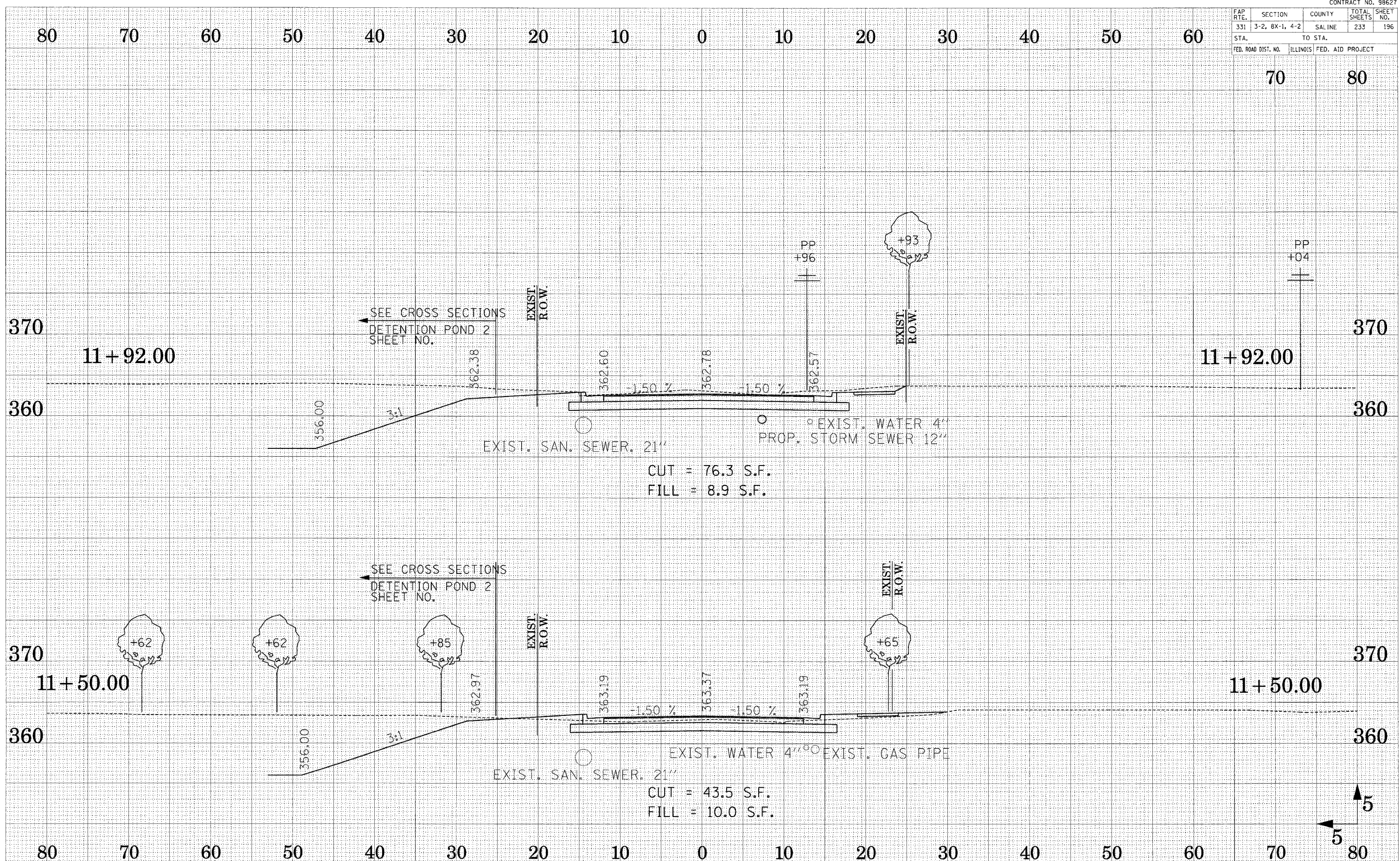
SUBMITTED SURVEY PLOTTED TEMPLATE AREAS CHECKED
 DATE BOOK NO.

CROSS SECTION - GRANGER STREET

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	196
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

70 80

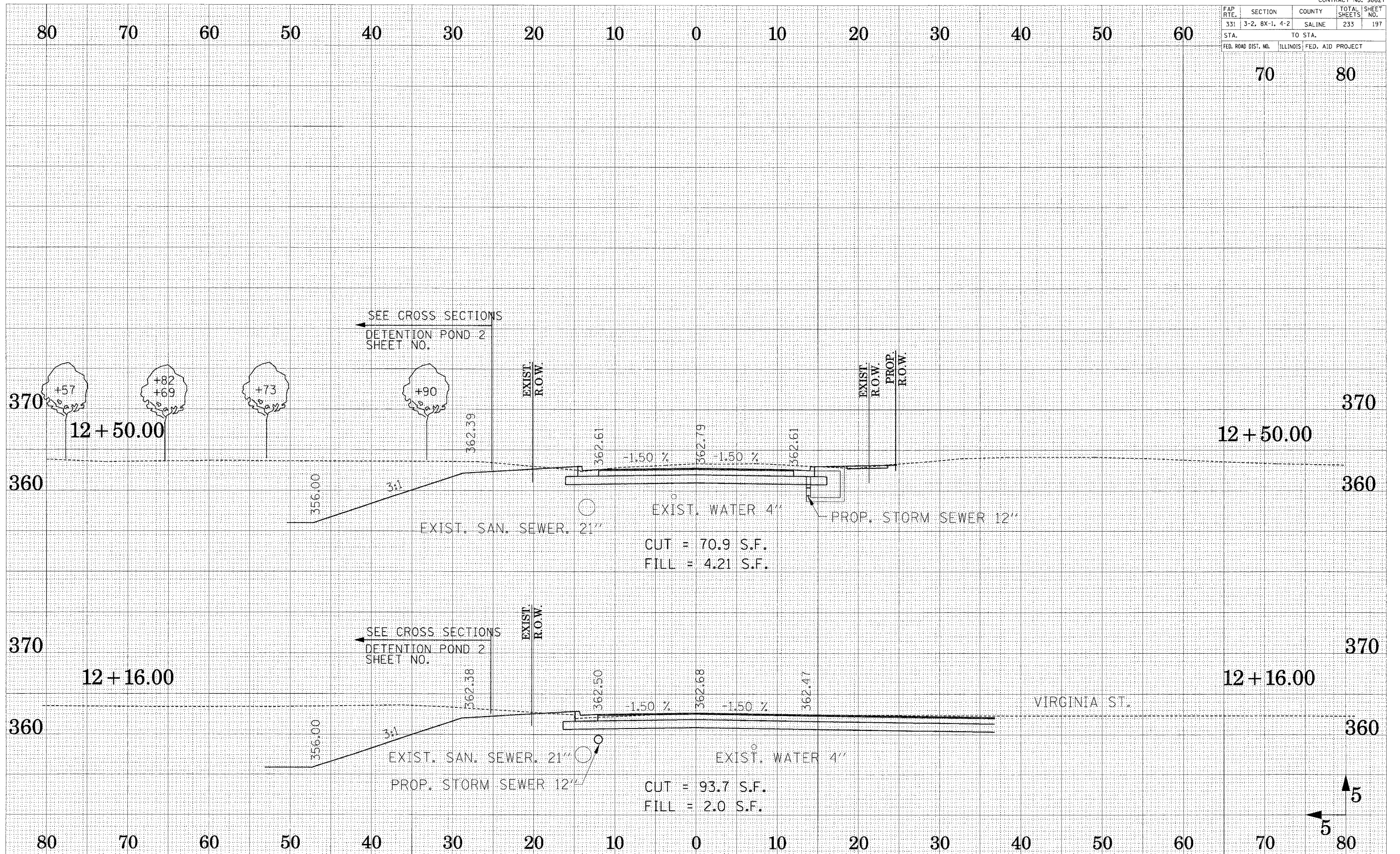
SURVEY NO. _____
 CHECKED BY _____
 DATE _____
 PLOTTED BY _____
 DATE _____
 TEMPLATE NO. _____
 AREAS CHECKED _____
 NO. _____



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

CROSS SECTION - GRANGER STREET

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	197
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



SEE CROSS SECTIONS
DETENTION POND 2
SHEET NO.

SEE CROSS SECTIONS
DETENTION POND 2
SHEET NO.

CUT = 70.9 S.F.
FILL = 4.21 S.F.

CUT = 93.7 S.F.
FILL = 2.0 S.F.

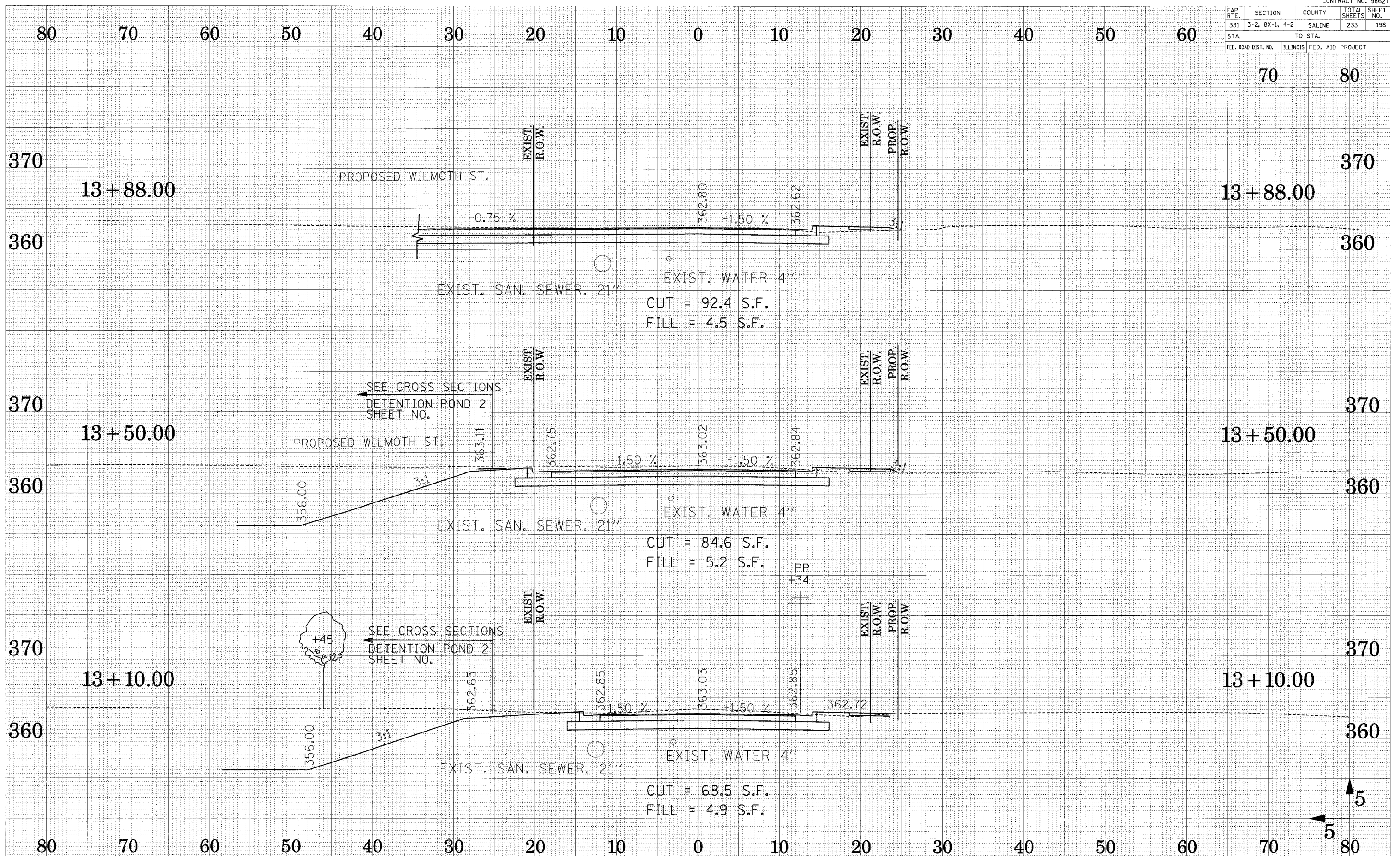
VIRGINIA ST.

CROSS SECTION - GRANGER STREET

SURVEY NO. _____
 SURVEY DATE _____
 SURVEY METHOD _____
 SURVEY AREA _____
 SURVEY CHECKED _____

SURVEY NO. _____
 SURVEY DATE _____
 SURVEY METHOD _____
 SURVEY AREA _____
 SURVEY CHECKED _____

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	198
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

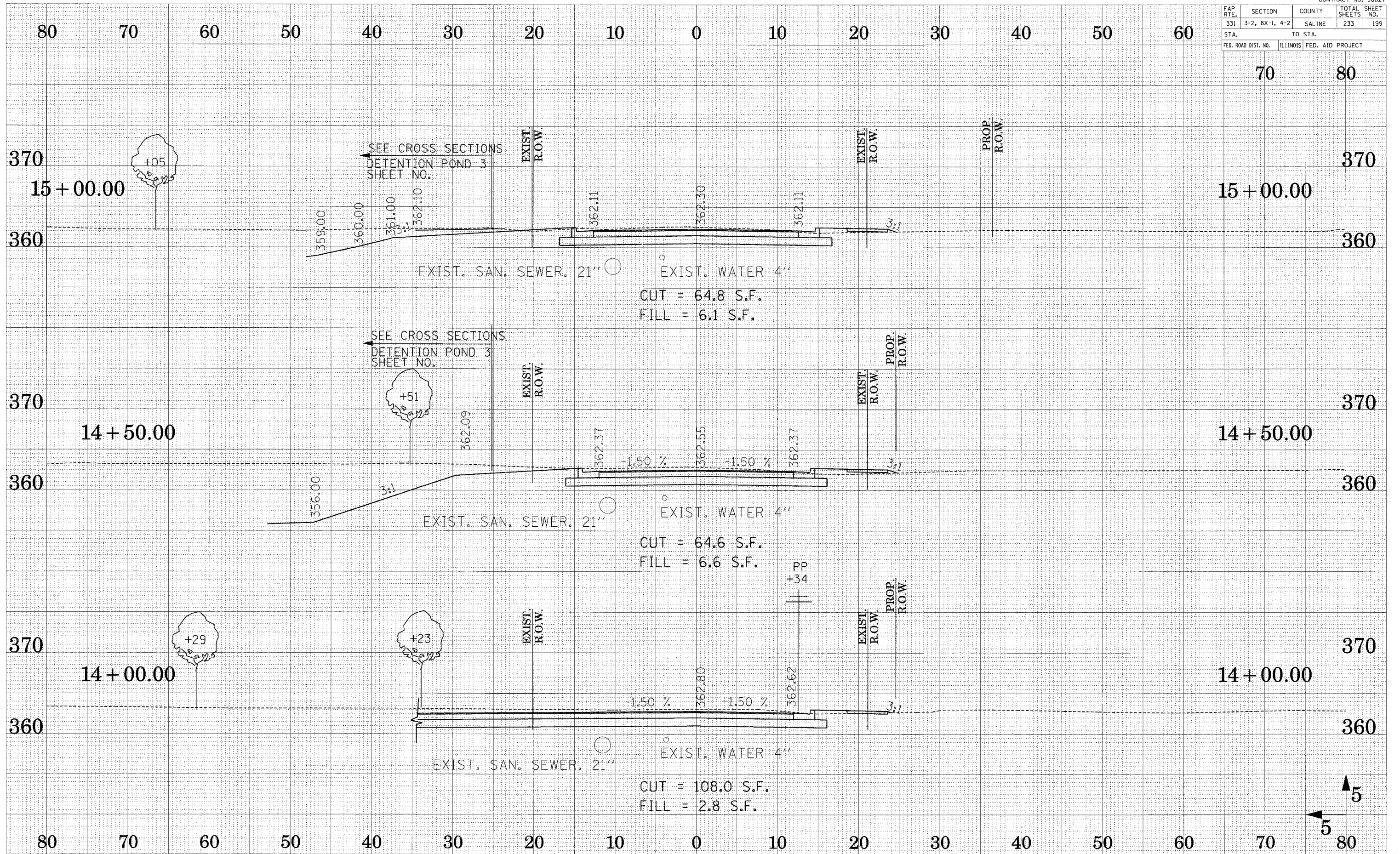


SURVEYED
 PLOTTED
 TEMPLATE
 AREA
 CHECKED

SURVEYED
 PLOTTED
 TEMPLATE
 AREA
 CHECKED

CROSS SECTION - GRANGER STREET

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	199
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

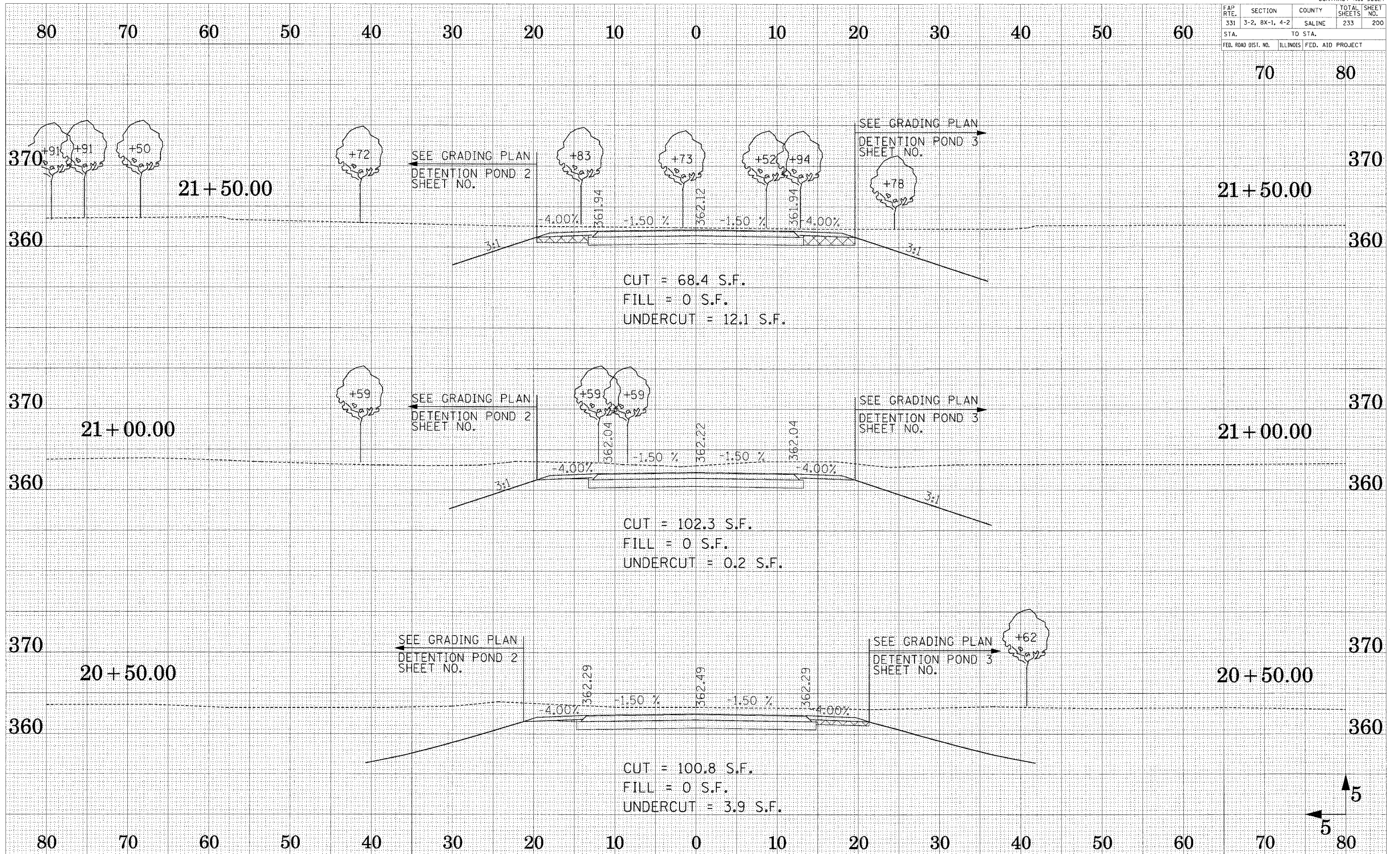


SURVEYED
 PLOTTED
 TEMPLATE
 AREAS
 CHECKED

SURVEYED
 PLOTTED
 TEMPLATE
 AREAS
 CHECKED

CROSS SECTION - GRANGER STREET

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	233	200
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



CROSS SECTION - WILMOTH STREET

SURVEYED
 PLOTTED
 TEMPLATE
 AREAS
 CHECKED
 NO.

SURVEYED
 PLOTTED
 TEMPLATE
 AREAS
 CHECKED
 NO.