

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	1/101
CONTRACT NO. 97445			
FEDERAL AID PROJECT			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANS FOR
PROPOSED LOCAL AGENCY IMPROVEMENT

STR FUNDS
RANDOLPH COUNTY
FAS 1834 (COUNTY HIGHWAY 11)
SECTION 06-00075-00-RS
PROJECT NO. RS-1834(104)
JOB NO. C-98-331-07

INDEX OF SHEETS

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HIGHWAY STANDARDS:

BLR 21-8, BLR 22-6, BLR 24-2, 000001-5, 280001-5, 701001-02, 701006-03, 701011-02, 701201-03, 701301-03, 701306-02, 701311-03, 701901-01, 720001-01, 720006-02, 780001-02

UTILITIES

EGYPTIAN ELECTRIC CO-OP ASSN 618 965-3434	VERIZON 309 663-3422
CITY OF SPARTA 618 443-2917	WASHINGTON COUNTY WATER 618 774-1000

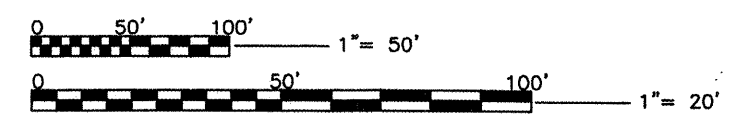
J.U.L.I.E.
1-800-892-0123

DESIGN INFORMATION

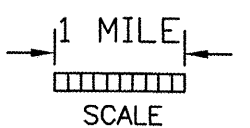
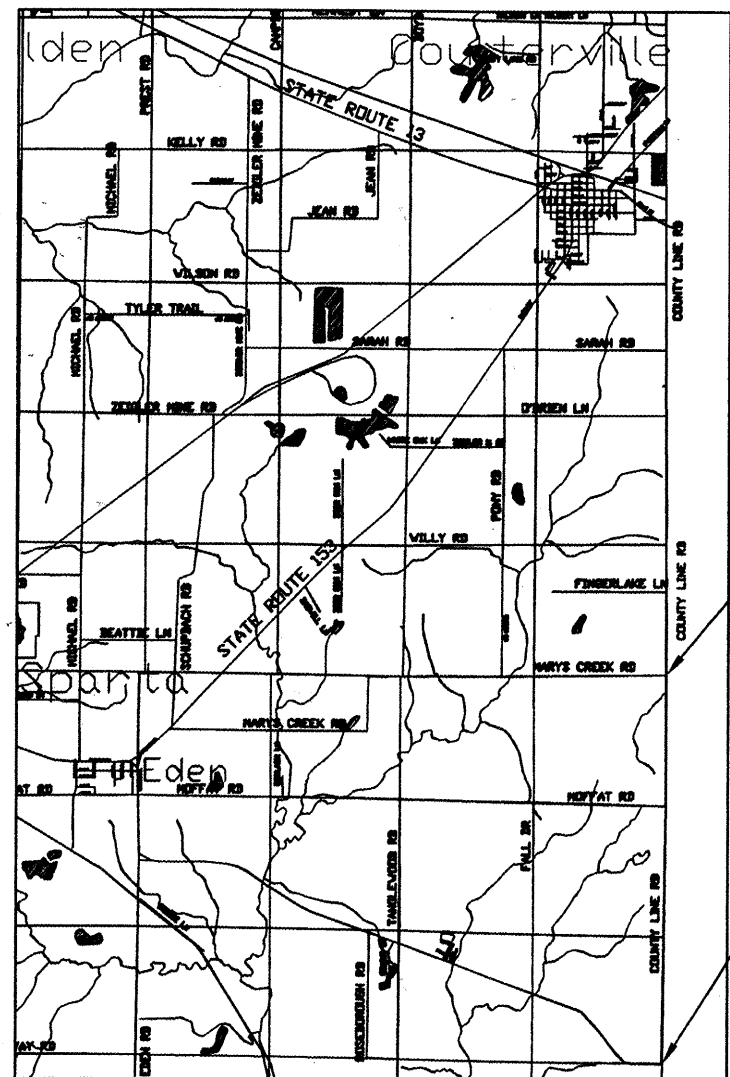
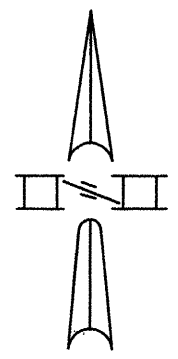
RURAL COLLECTOR
CLASS III ROADWAY
DESIGN SPEED 50 MPH
ADT (2010) - 650
(2030) - 950

PAVEMENT DESIGN

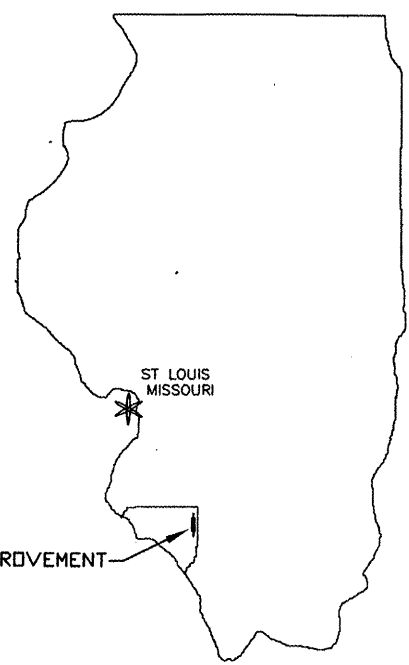
STRUCTURAL DESIGN TRAFFIC (S.D.T.): YEAR 2020; P.C. 704
CLASS III ROAD (OR STREET) S.U. 56
MINIMUM SOIL SUPPORT: IBV= 3 M.U. 40
T.F.= 0.216 SN_F= 3.3 SN_E= 1.4
PAVEMENT STRUCTURE MATERIALS: SURFACE - HOT MIX ASPHALT
BASE COURSE - AGGREGATE, TYPE A



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



NET LENGTH OF IMPROVEMENT
16,216.71 LIN FT = 3.071 MILES

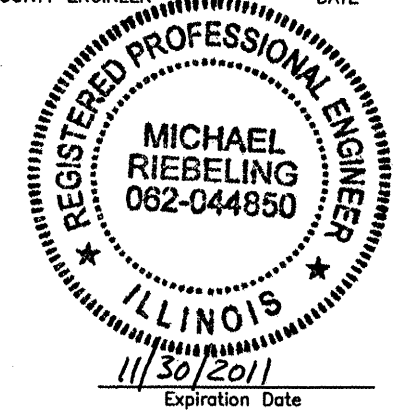


SITE OF PROPOSED IMPROVEMENT

PROPOSED IMPROVEMENT ENDS
STA. 399+68.81

PROPOSED IMPROVEMENT BEGINS
STA. 237+52.10

THESE PLANS WERE PREPARED BY ME OR A MEMBER OF MY STAFF WORKING UNDER MY PERSONAL SUPERVISION.
Michael Riebeling 4/20/2010
COUNTY ENGINEER DATE



State of Illinois Department of Transportation	
Approved	<u>April 20</u> 20 <u>10</u> <i>Michael Riebeling</i> County Engineer
Passed	<u>April 23</u> 20 <u>10</u> <i>J. Grassing</i> District 8 Engineer of Local Roads & Streets
Releasing for Bid Based on Limited Review	<u>April 23</u> 20 <u>10</u> <i>Mary C. Lamie</i> Mary C. Lamie, P.E. Deputy Director of Highways Region Five Engineer

SUMMARY OF QUANTITIES

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	2/101
CONTRACT NO. 97445			

CODE NO.	ITEM	UNITS	QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	98
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	142
20100500	TREE REMOVAL, ACRES	ACRE	0.3
20200100	EARTH EXCAVATION	CU YD	25,912
20400800	FURNISHED EXCAVATION	CU YD	10,614
20800150	TRENCH BACKFILL	CU YD	131
25000200	SEEDING, CLASS 2	ACRE	12.50
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,125
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1,125
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1,125
25000700	AGRICULTURAL GROUND LIMESTONE	TON	25
25100115	MULCH, METHOD 2	ACRE	12.5
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,700
28000305	TEMPORARY DITCH CHECKS	FOOT	3,460
28000500	INLET AND PIPE PROTECTION	EACH	6
35100100	AGGREGATE BASE COURSE, TYPE A	TON	6,000
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	5,279
40600300	AGGREGATE (PRIME COAT)	TON	21
40600982	HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT	SQ YD	244
40603085	HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70	TON	8,840
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	3,345
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	194
42000300	PORTLAND CEMENT CONCRETE PAVEMENT 8"	SQ YD	314
48100100	AGGREGATE SHOULDERS, TYPE A	TON	7,115
50100200	REMOVAL OF EXISTING STRUCTURES	L SUM	1
50105220	PIPE CULVERT REMOVAL	FOOT	750
54010806	PRECAST CONCRETE BOX CULVERT 8' X 6'	FOOT	66
542A0247	PIPE CULVERTS, CLASS A, TYPE 1 42"	FOOT	66
542A1081	PIPE CULVERTS, CLASS A, TYPE 2 36"	FOOT	14
542A1921	PIPE CULVERTS, CLASS A, TYPE 3 36"	FOOT	218
542A5479	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	74
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	198
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	524
542D0229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	114
542D0235	PIPE CULVERTS, CLASS D, TYPE 1 30"	FOOT	30
67100100	MOBILIZATION	L SUM	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	6,487
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	44,872
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	17,120
72000100	SIGN PANEL-TYPE 1	SQ FT	100
73000100	WOOD SIGN SUPPORT	FOOT	182
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	27
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	44,872
* 81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	20
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 2C	FOOT	90
* X8950310	RELOCATE EXISTING SIGNAL HEAD AND POST	EACH	1

* DENOTES SPECIALTY ITEM

GENERAL NOTES:

1. ANY REQUIRED BASE COURSE WIDENING FROM STA. 237+52.10 TO STA. 305+00 AND FROM STA. 339+50 TO STA. 399+68.81 SHALL BE CONSTRUCTED BY RANDOLPH COUNTY PRIOR TO THE START OF THIS PROJECT.

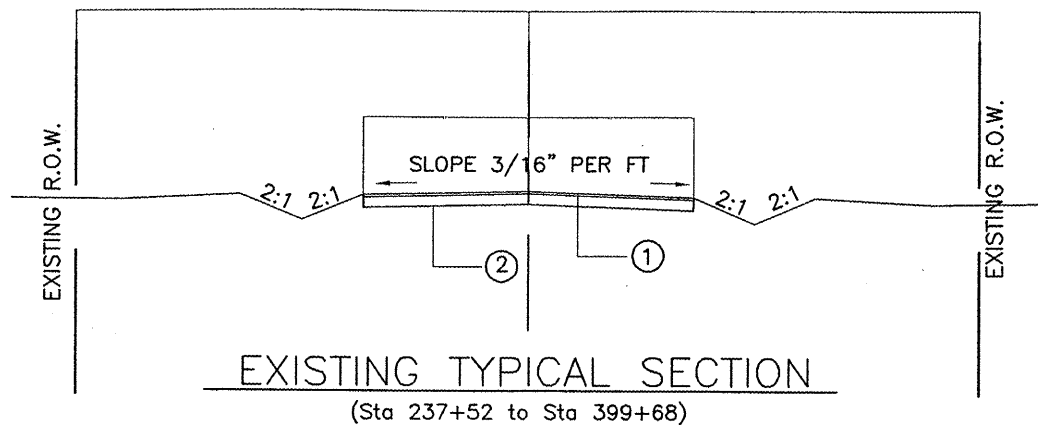
QUANTITIES USED FOR ESTIMATING

MULCH METHOD 2 (PROCEDURE 1 OR 2)	2 TON/ACRE
NITROGEN FERTILIZER NUTRIENTS	90 LBS/ACRE
POTASSIUM FERTILIZER NUTRIENTS	90 LBS/ACRE
PHOSPHORUS FERTILIZER NUTRIENTS	90 LBS/ACRE
BITUMINOUS MATERIALS (PRIME COAT)	0.3 GAL/SQ YD (ON AGGREGATE BASE COURSE)
	0.075 GAL/SQ YD (ON EXISTING SURFACE)
AGGREGATE (PRIME COAT)	5 LB/SQ YD (ON AGGREGATE BASE COURSE)
	3 LB/SQ YD (ON EXISTING SURFACE)
AGRICULTURAL GROUND LIMESTONE	2 TON/ACRE

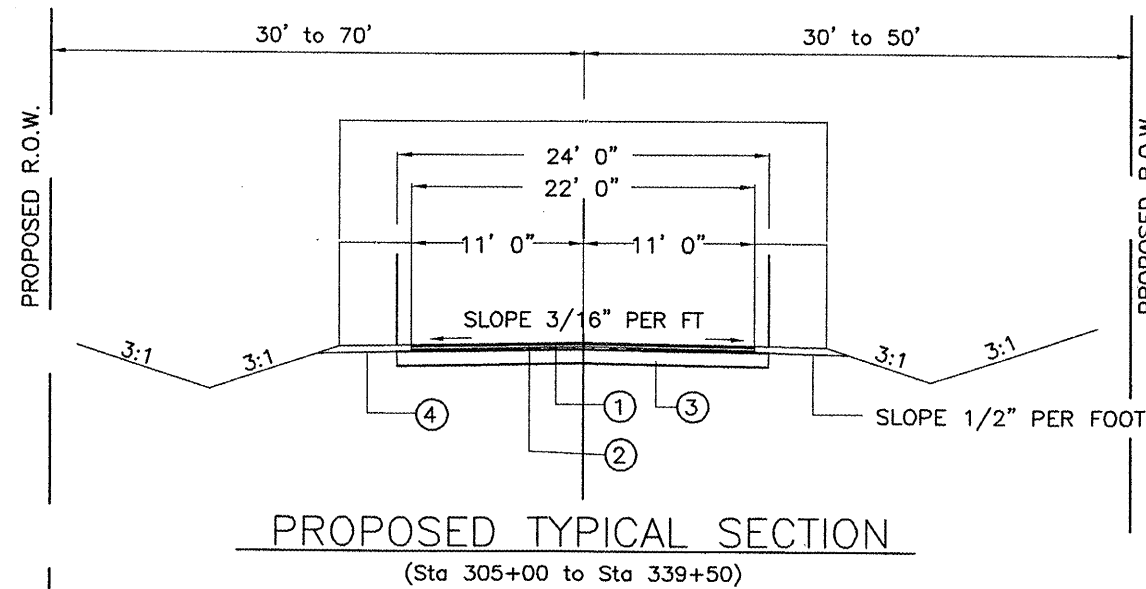
HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE USE	SURFACE & INCIDENTAL	BINDER
PG	PG 64-22	PG 64-22
RAP %(MAX)	SEE SPECIAL PROVISIONS	
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0 % @ Ndes=70
MIX COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 19.0
FRICITION AGG	MIXTURE C	
MIXTURE WEIGHT	112 LB/SY/IN	112 LB/SY/IN

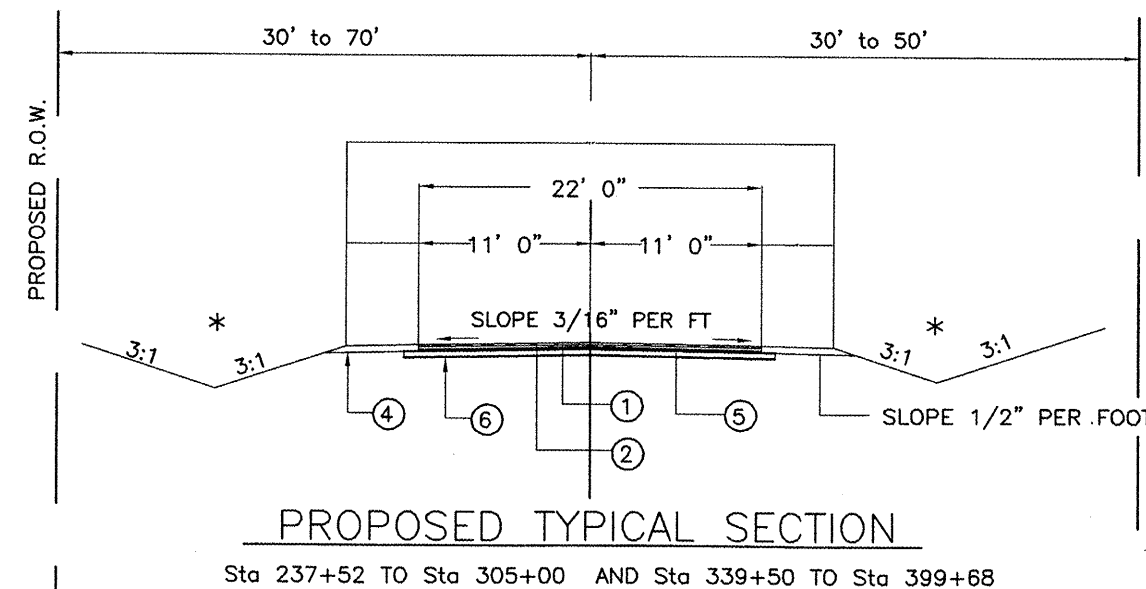
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- ① BITUMINOUS PLANT MIX (2")
- ② AGGREGATE BASE COURSE (8")



- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 (1 1/2")
- ② HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (2 - 2" LIFTS)
- ③ AGGREGATE BASE COURSE, TYPE A - 12"
- ④ AGGREGATE SHOULDERS, TYPE A (6")



- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 (1 1/2")
- ② HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (2 - 2" LIFTS)
- ④ AGGREGATE SHOULDERS, TYPE A (6")
- ⑤ 8" PCC PVT. STA. 237+52.10 TO STA. 238+63.60
- ⑥ AGGREGATE BASE COURSE, TYPE A (4") STA. 237+52.10 TO STA. 238+63.60

* 2' FLAT BOTTOM DITCHES
STA. 237+52 TO STA. 290+50 LT. & RT.

CROSSROAD PIPE SCHEDULE

STATION NO.	DIST. LT. OF C	FLOWLINE ELEV. LT.	DIST. RT. OF C	FLOWLINE ELEV. RT.	RCCP PIPE SIZE	TYPE OF PIPE	TOTAL PIPE LENGTH	EXIST. PIPE REM. LENGTH
* 237+66	* 58'	511.92	* 16'	511.42	24" EQUIV.	1	74'	N/A
314+45	62'	543.12	46'	550.30	36"	3	108'	107'
325+50	60'	553.57	50'	557.08	36"	3	110'	113'
336+25	36'	552.50	30'	554.11	42"	1	66'	N/A
336+75	REMOVE EXISTING CULVERT				42" EQUIV			54'
* 378+19	* 5'	521.77	* 9'	522.08	36"	2	14'	N/A
391+93	32'	497.60	34'	497.00	8' X 6' BOX CULV.		66'	N/A

* DENOTES PIPE EXTENSION

TREE REMOVAL SCHEDULE - UNITS

STATION	LOCATION	UNIT 6" - 15"	UNIT 15" - ABOVE
290+80	LT.	10" WALNUT	
308+94	LT.		16" ELM
308+97	LT.		24" ELM
308+99	LT.	12" ELM	
317+92	LT.	6" MAPLE	
345+06	LT.		30" OAK
345+10	LT.	10" OAK	
345+16	LT.		48" OAK
347+23	RT.	12" CEDAR	
358+16	LT.		24" WALNUT
358+21	LT.	8" HACKBERRY	
392+35	RT.	8" CEDAR	
392+45	RT.	8" SPRUCE	
392+56	RT.	6" SPRUCE	
393+03	RT.	8" REDBUD	
393+46	RT.	10" CEDAR	
TOTAL =		98"	142"

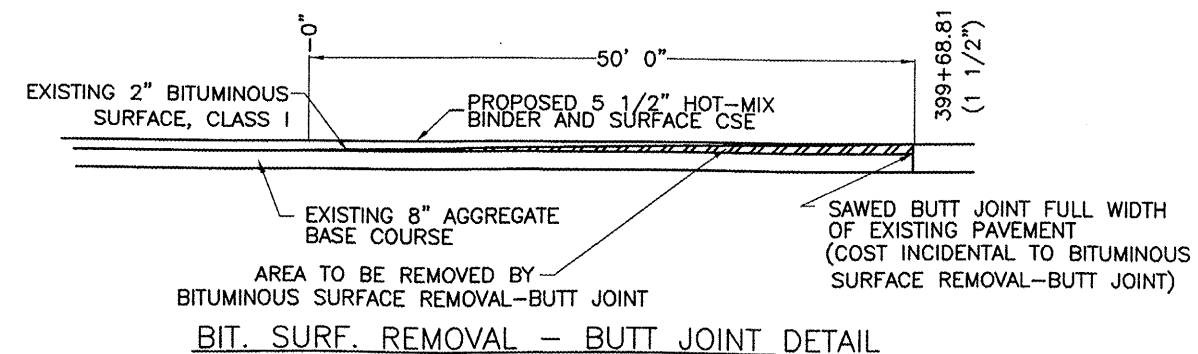
TREE REMOVAL SCHEDULE - ACRES

STATION	LOCATION	AREA - SQ. FT.	AREA - ACRES
371+82 TO 374+03	LT.	4,3560 SQ. FT.	0.10 ACRES
374+90 TO 377+10	LT.	4,3560 SQ. FT.	0.10 ACRES
377+77 TO 378+42	LT.	436 SQ. FT.	0.01 ACRES
391+02 TO 392+02	LT.	1,307 SQ. FT.	0.03 ACRES
TOTAL =		6,032 SQ. FT.	0.3 ACRES

ENTRANCE SCHEDULE

STATION	LOCATION	TYPE	TYPE OF SURFACE		SURFACE WIDTH	CMP DIAMETER	CMP LENGTH	
			AGGREGATE BASE CSE.	ASPHALT				
244+76	LT	F.E.	X		12'	18"	30'	
251+75	LT.	F.E.	X		12'	18"	30'	
264+11	LT	F.E.	X		12'	18"	30'	
269+70	RT.	F.E.	X		12'	18"	30'	
275+15	RT.	F.E.	X		12'	18"	30'	
279+34	LT.	P.E.		15 TON	10 TON	20'	18'	30'
280+50	LT.	P.E.		10 TON	7 TON	12'	18"	30'
291+00	RT.	F.E.	X		12'	18"	30'	
291+13	LT.	F.E.	X		12'	18"	30'	
298+89	RT.	F.E.	X		12'	18"	34'	
307+41	LT.	P.E.		17 TON	11 TON	20'	SUMMIT	
307+61	RT.	P.E.		12 TON	9 TON	12'	SUMMIT	
316+09	LT.	P.E.		17 TON	12 TON	12'	24"	46'
317+91	RT.	S.R.		12 TON	9 TON	12'	15"	30'
320+50	RT.	P.E.		16 TON	11 TON	12'	SUMMIT	
321+44	LT.	P.E.		12 TON	8 TON	12'	15"	30'
328+18	LT.	F.E.	X		12'	SUMMIT		
336+95	LT	F.E.	X		12'	15"	36'	
344+85	RT.	S.R.		*	20 TON	20'	15"	34'
344+85	LT	S.R.		*	18 TON	20'	18"	40'
363+10	RT.	P.E.		10 TON	7 TON	12'	18"	30'
366+91	LT.	F.E.	X		12'	18"	30'	
369+89	RT.	P.E.		12 TON	8 TON	12'	18"	30'
372+07	RT.	P.E.		12 TON	8 TON	12'	18"	30'
372+75	RT.	P.E.		10 TON	7 TON	12'	18"	30'
374+12	LT.	F.E.	X		12'	30"	30'	
379+09	RT.	P.E.		12 TON	8 TON	12'	18"	30'
390+84	RT.	F.E.	X		12'	24"	30'	
393+02	RT.	P.E.		10 TON	7 TON	12'	15"	30'
398+94	RT.	S.R.		*	17 TON	12'	15"	38'
398+94	LT.	S.R.		*	17 TON	12'	24"	38'

* AGGREGATE NOT NEEDED FOR ASPHALT ON THESE SIDEROADS.



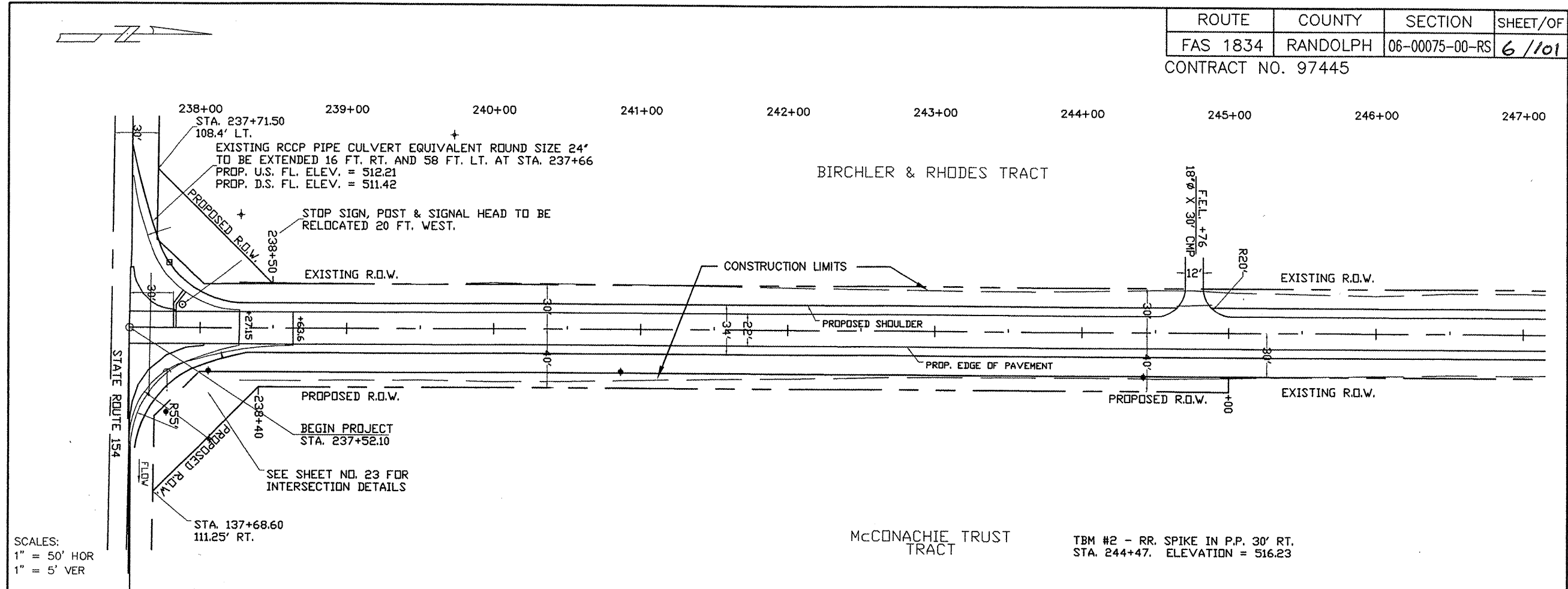
ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	5/101
CONTRACT NO. 97445			

PROPOSED PAINT PAVEMENT MARKING SCHEDULE

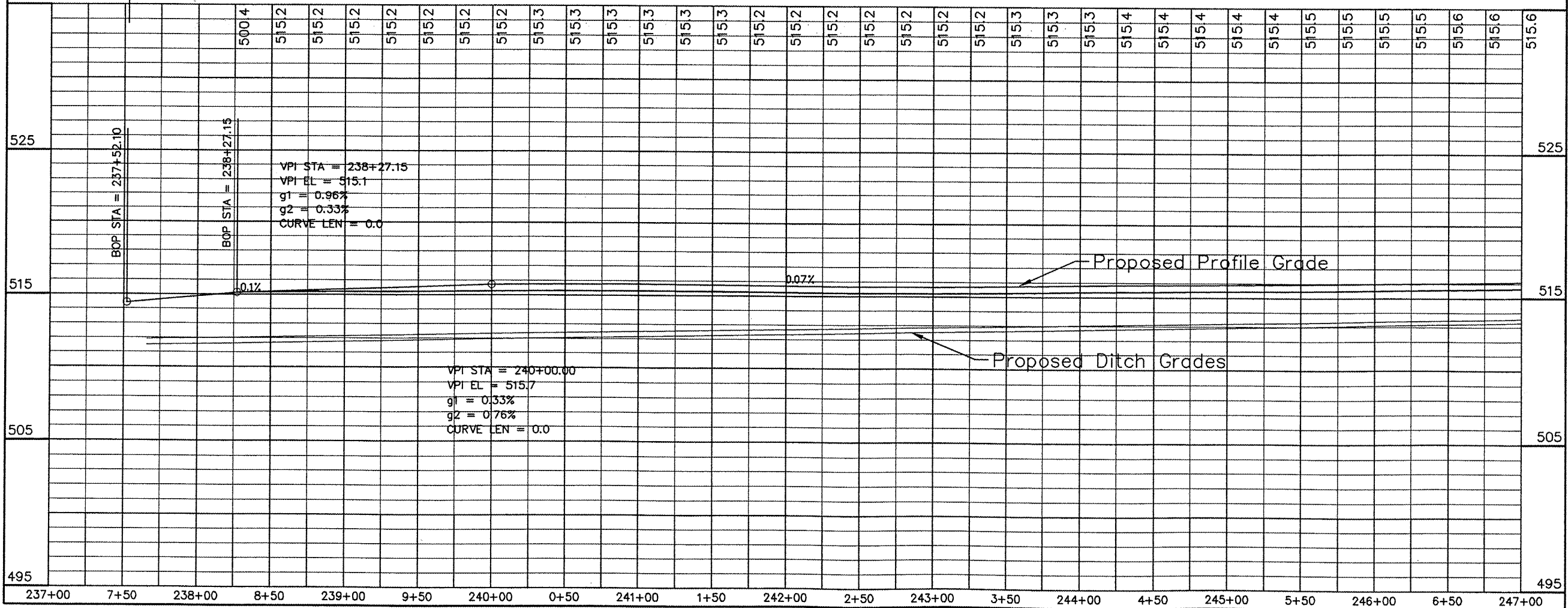
LOCATION	LIMITS	LENGTH
<u>NO PASSING ZONES</u>		
RIGHT	STA. 297+26 TO STA. 328+15	3089 FT
LEFT	STA. 308+20 TO STA. 339+00	3080 FT
RIGHT	STA. 341+39 TO STA. 356+50	1511 FT
LEFT	STA. 352+35 TO STA. 367+00	1465 FT
RIGHT	STA. 398+20 TO STA. 399+68.81	<u>148.81 FT</u>
TOTAL NO PASSING ZONES		9,294 FT
<u>SKIP DASH</u>		
	STA. 237+82 TO STA. 308+20	7038 FT.
	STA. 328+15 TO STA. 352+35	2420 FT.
	STA. 356+50 TO STA. 399+68.81	<u>4318.81 FT.</u>
		13,776.81 FT @ 25%= 3,444 FT
<u>TOTAL YELLOW LINE</u>		<u>12,738 FT</u>
<u>EDGE LINE</u>		
LT. & RT.	STA. 237+82 TO STA. 399+68.81 (INCLUDES 60 FT GAP AT 2 SIDEROADS = -240')	32,134 FT
<u>TOTAL PAINT PAVEMENT MARKING LINE 4"</u>		<u>44,872 FT</u>
<u>SHORT-TERM PAVEMENT MARKING</u>		<u>6,487 FT</u>

SIGN PANEL, TYPE 1

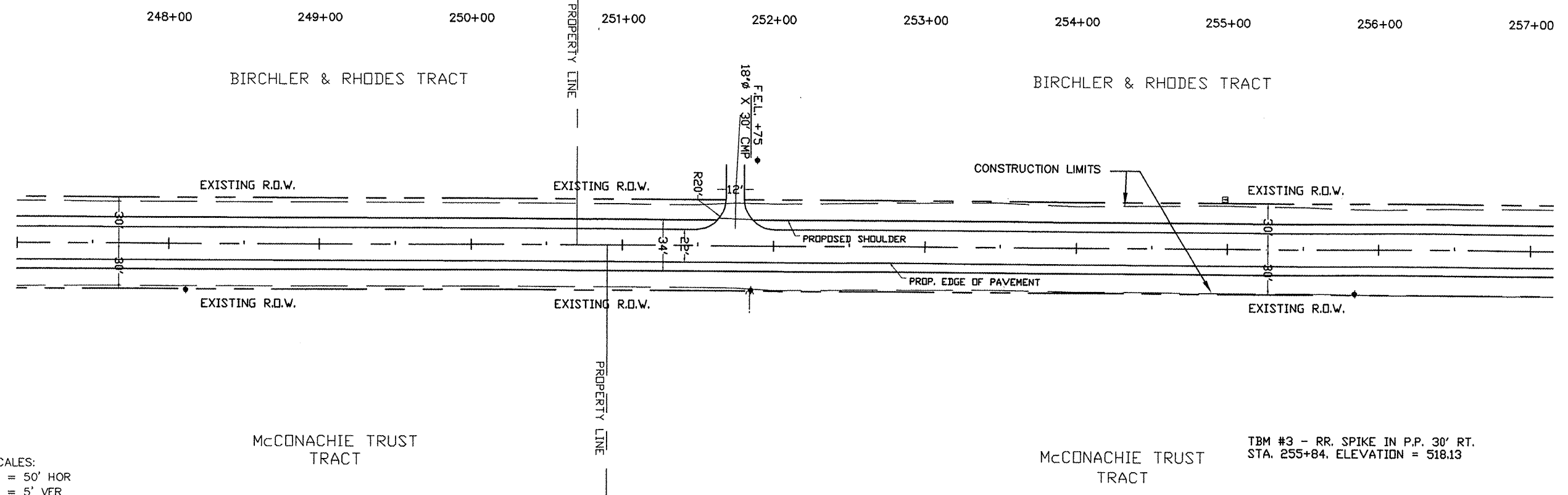
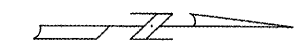
TYPE	LOCATION	AREA	POST
R1-1	237+87 LT.	36 X 36 = 9 SQ. FT.	1 EACH
W3-1	244+15 LT.	36 X 36 = 9 SQ. FT.	1 EACH
W14-3	297+26 LT.	48 X 48 X 36 = 5.6 SQ. FT.	1 EACH
S3-1	307+05 RT.	36 X 36 = 9 SQ. FT.	1 EACH
S3-1	332+00 LT.	36 X 36 = 9 SQ. FT.	1 EACH
W14-3	339+00 RT.	48 X 48 X 36 = 5.6 SQ. FT.	1 EACH
W14-3	341+39 LT.	48 X 48 X 36 = 5.6 SQ. FT.	1 EACH
R1-1	344+81 LT.	36 X 36 = 9 SQ. FT.	1 EACH
R1-1	345+15 RT.	36 X 36 = 9 SQ. FT.	1 EACH
W14-3	367+00 RT.	48 X 48 X 36 = 5.6 SQ. FT.	1 EACH
W14-3	398+20 LT.	48 X 48 X 36 = 5.6 SQ. FT.	1 EACH
R1-1	398+75 LT.	36 X 36 = 9 SQ. FT.	1 EACH
R1-1	399+05 RT.	36 X 36 = 9 SQ. FT.	1 EACH
		TOTAL = 100 SQ. FT.	TOTAL= 13 EACH



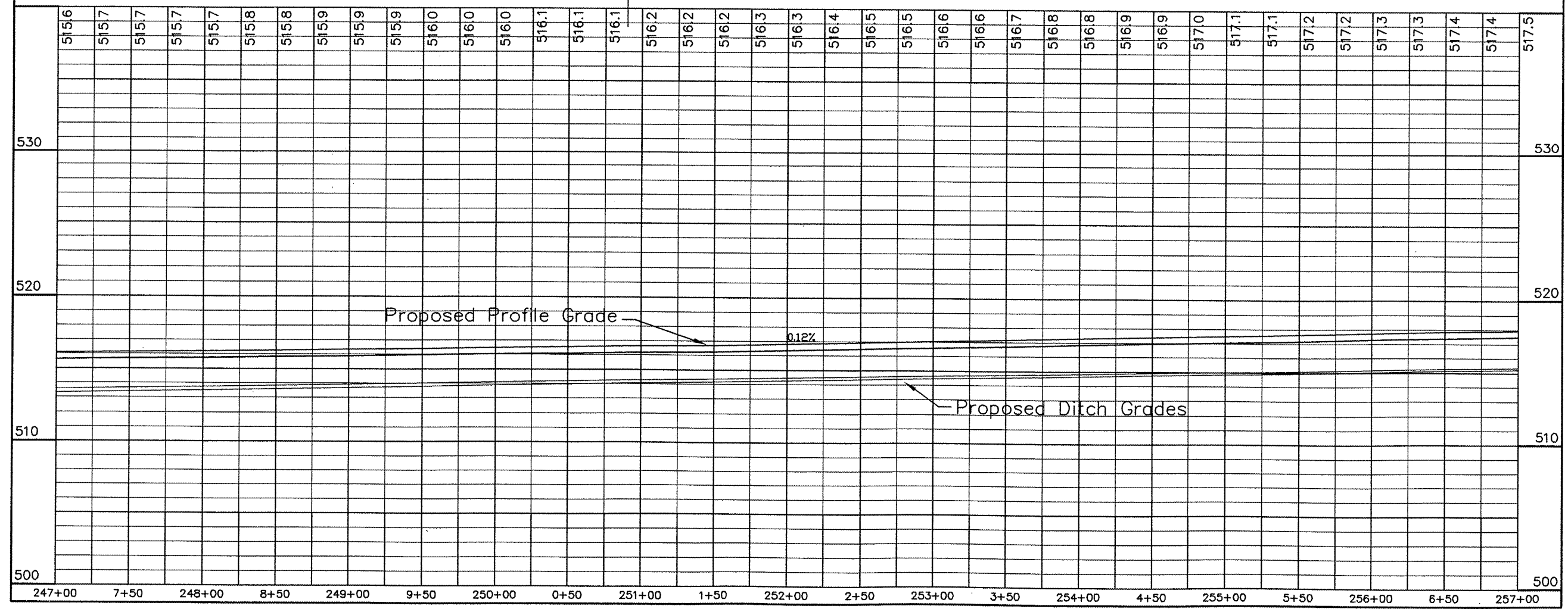
SCALES:
 1" = 50' HOR
 1" = 5' VER



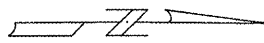
Plan and Profile Sta 237+00 to Sta 247+00



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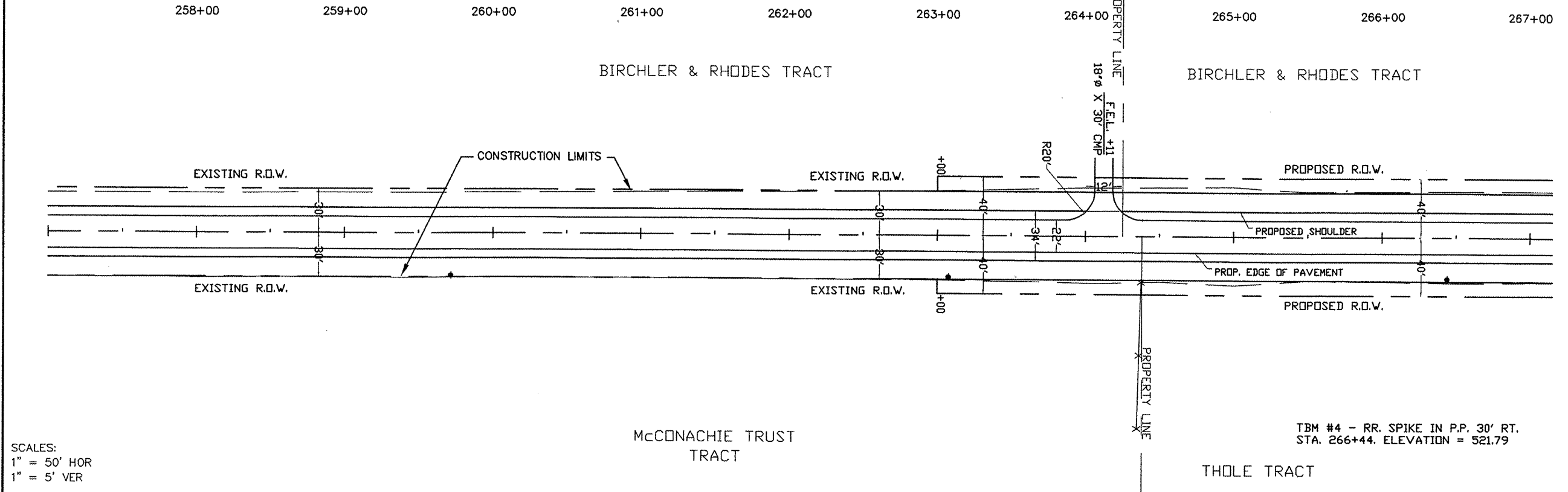


Plan and Profile Sta 247+00 to Sta 257+00

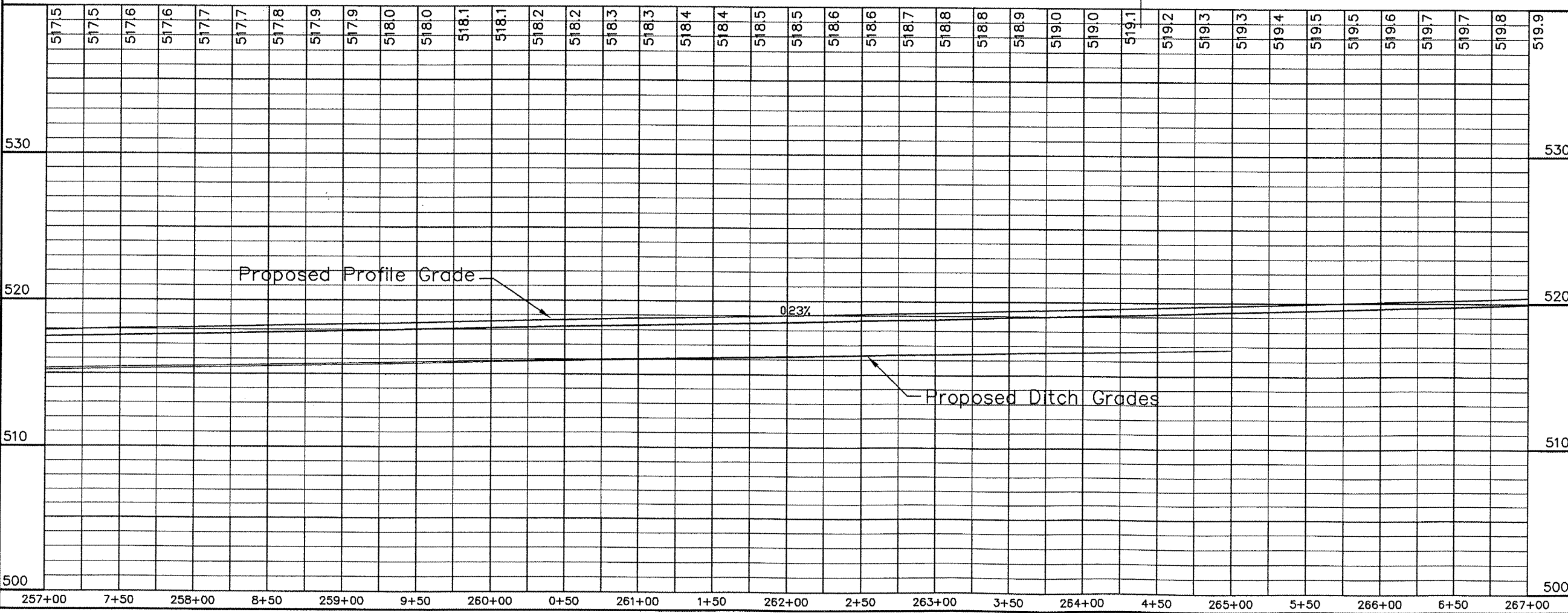


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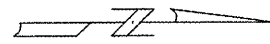
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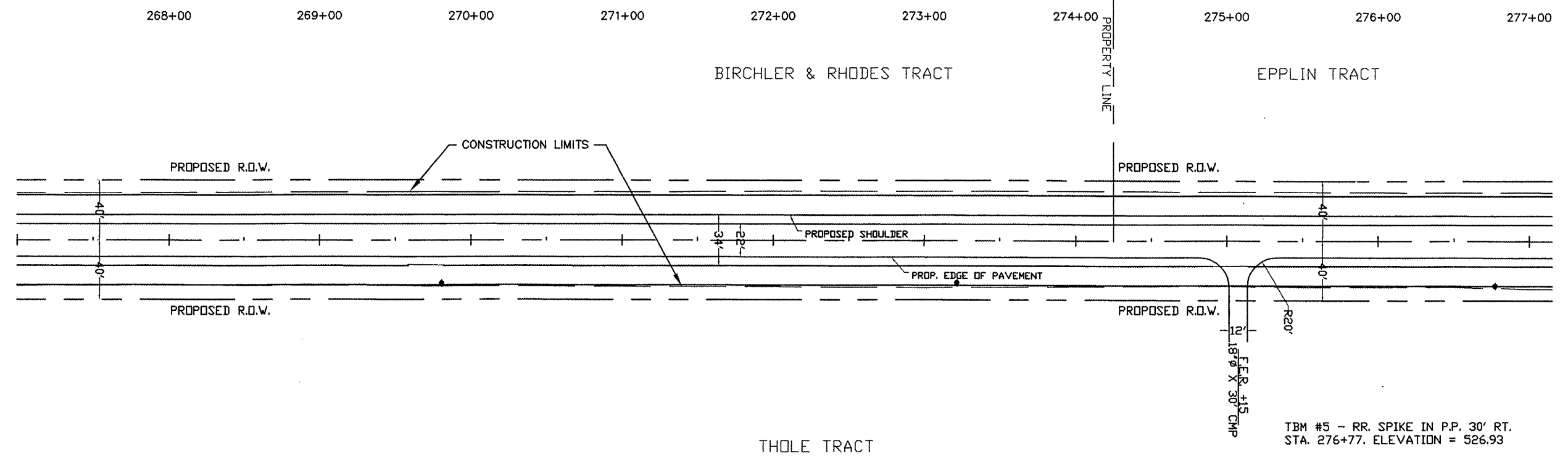
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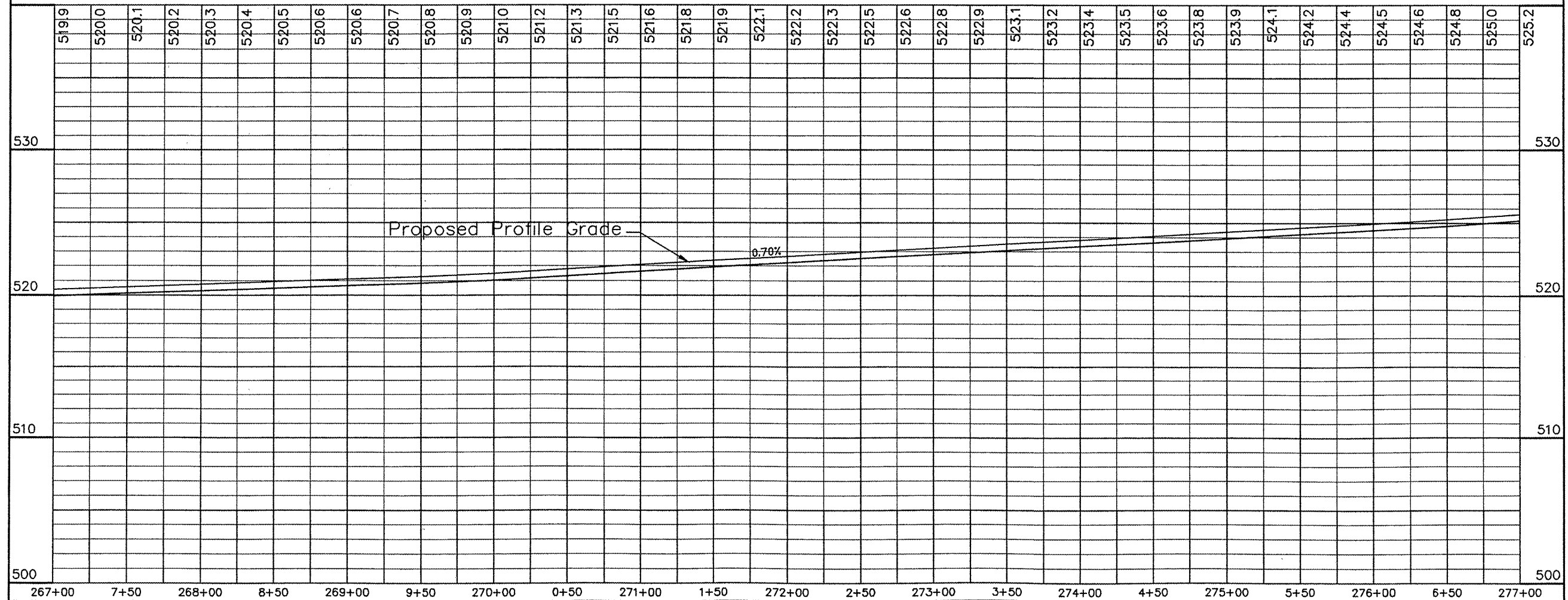
Plan and Profile Sta 257+00 to Sta 267+00



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FAS 1834	RANDOLPH	06-00075-00-RS	9 / 101
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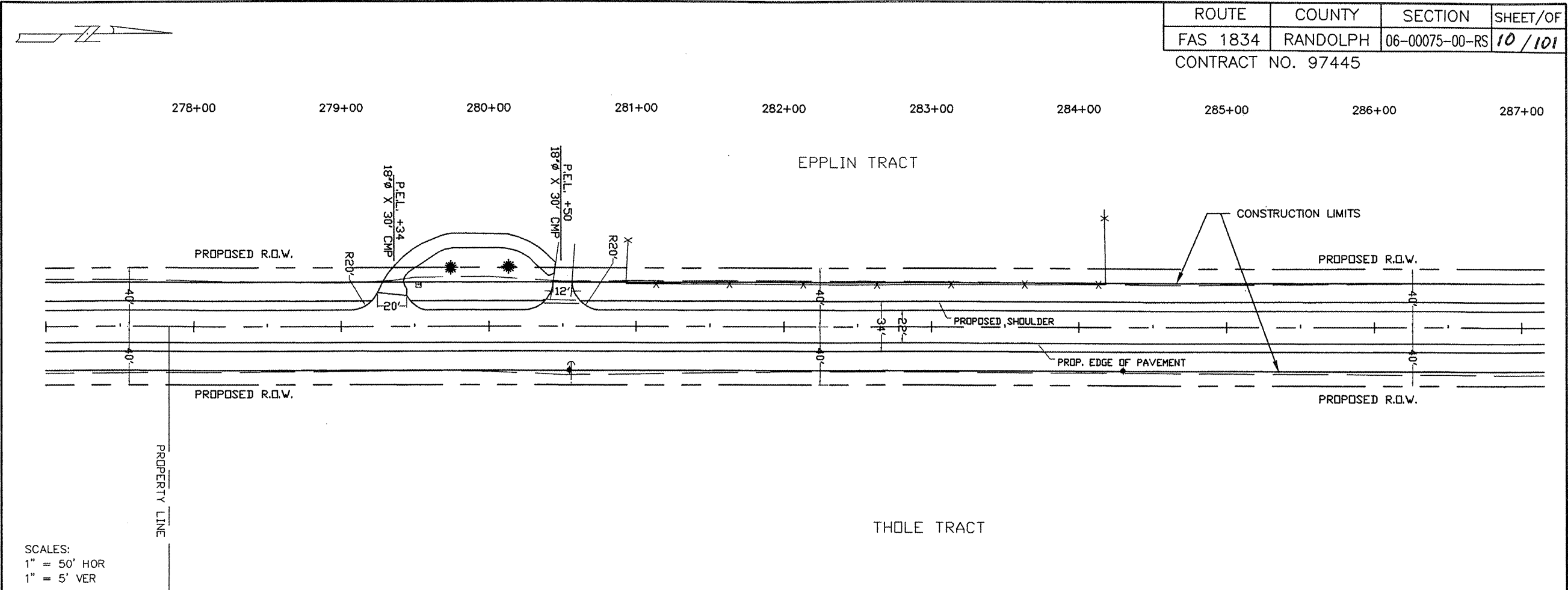


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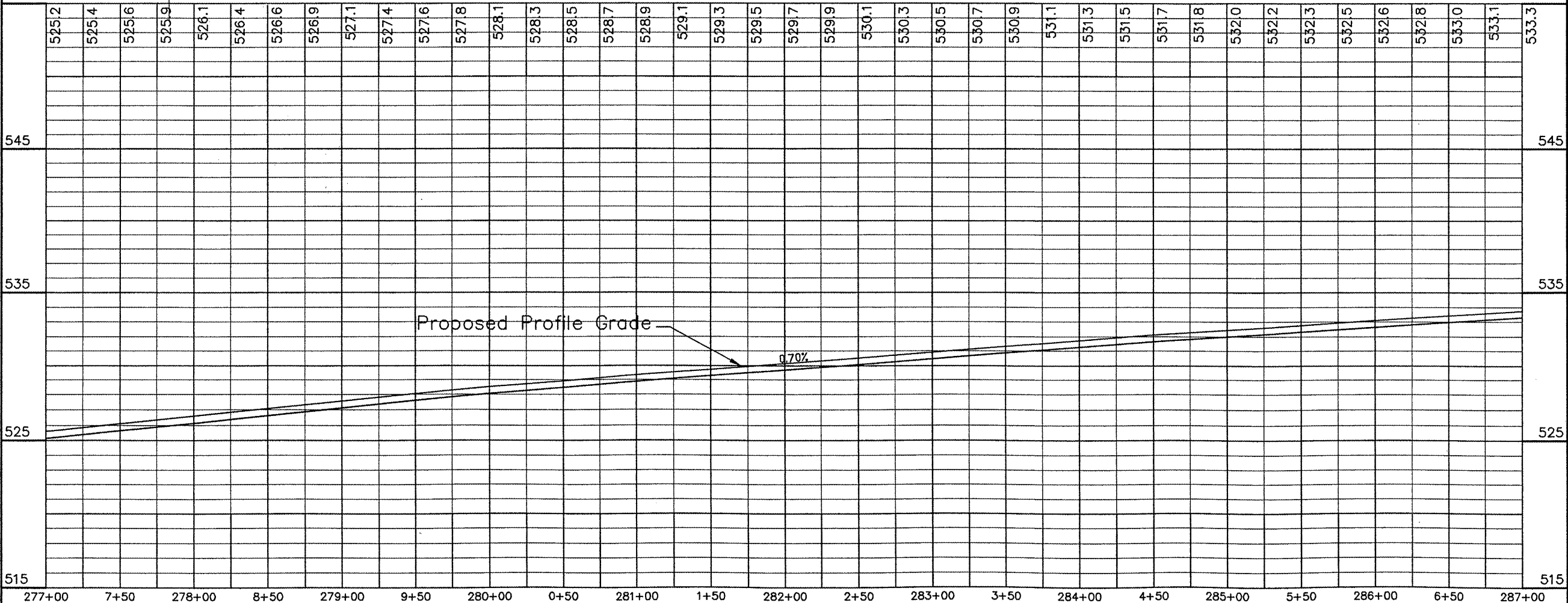


Plan and Profile Sta 267+00 to Sta 277+00

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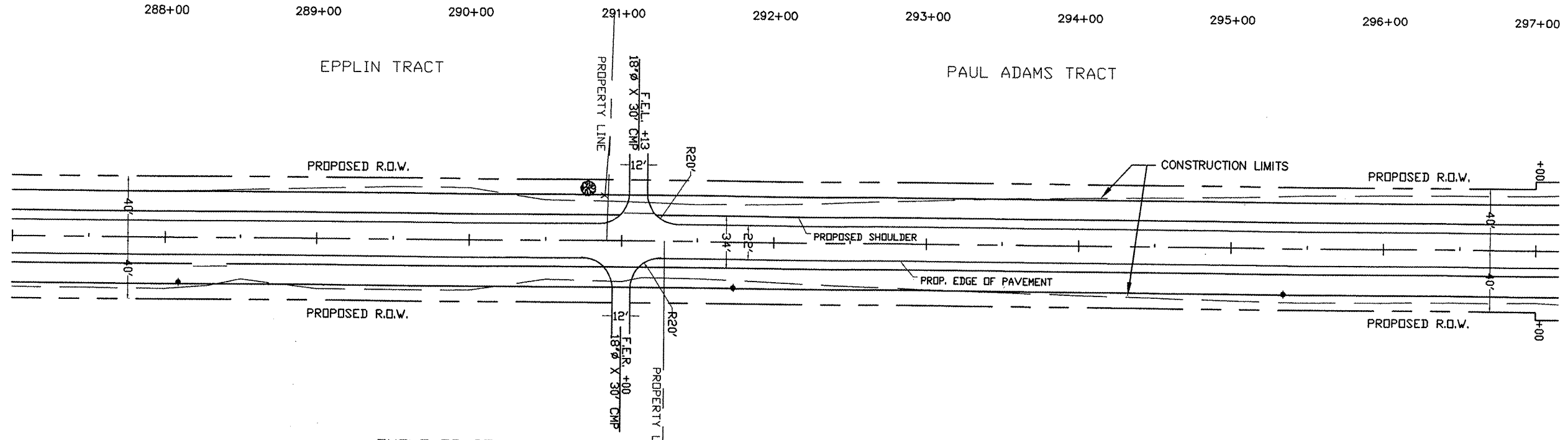
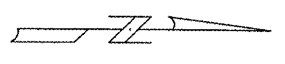


SCALES:
 1" = 50' HOR
 1" = 5' VER



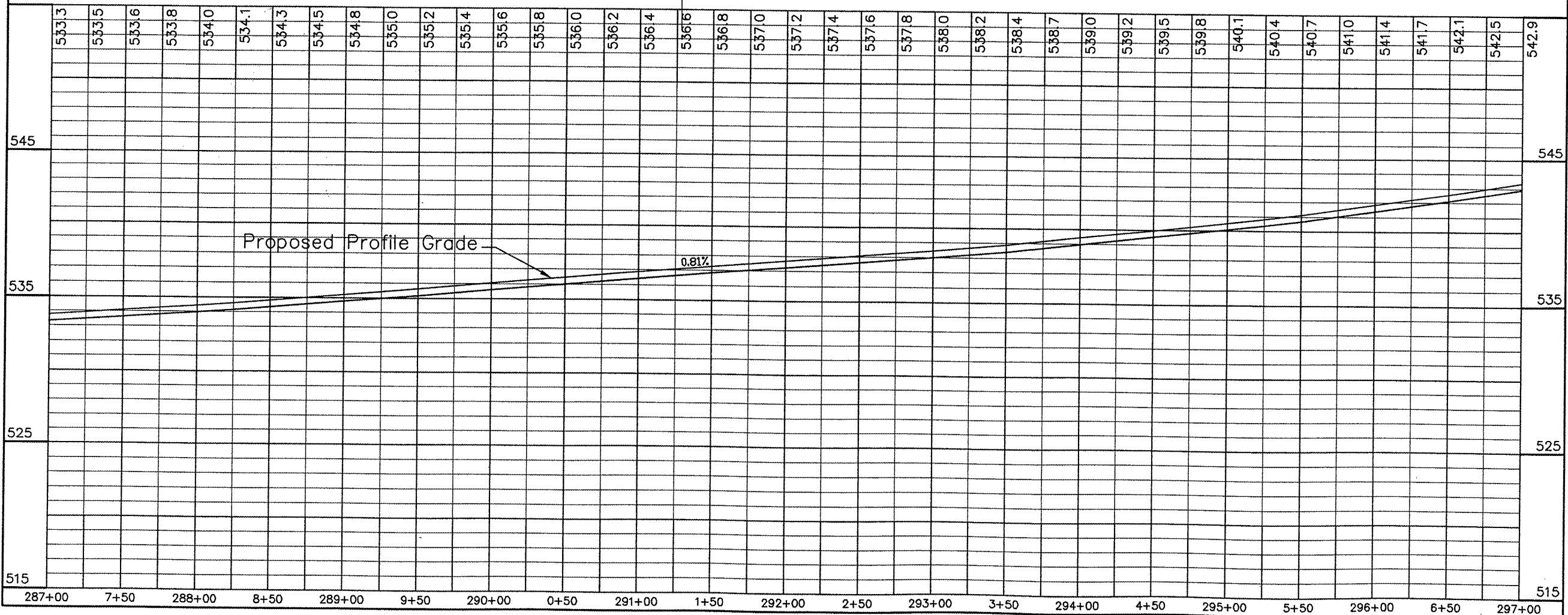
Plan and Profile Sta 277+00 to Sta 287+00

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	11/01
CONTRACT NO. 97445			

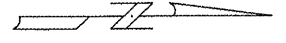


SCALES: TBM #6 - RR. SPIKE IN P.P. 30' RT.
 STA. 288+10. ELEVATION = 536.31.
 1" = 50' HOR
 1" = 5' VER

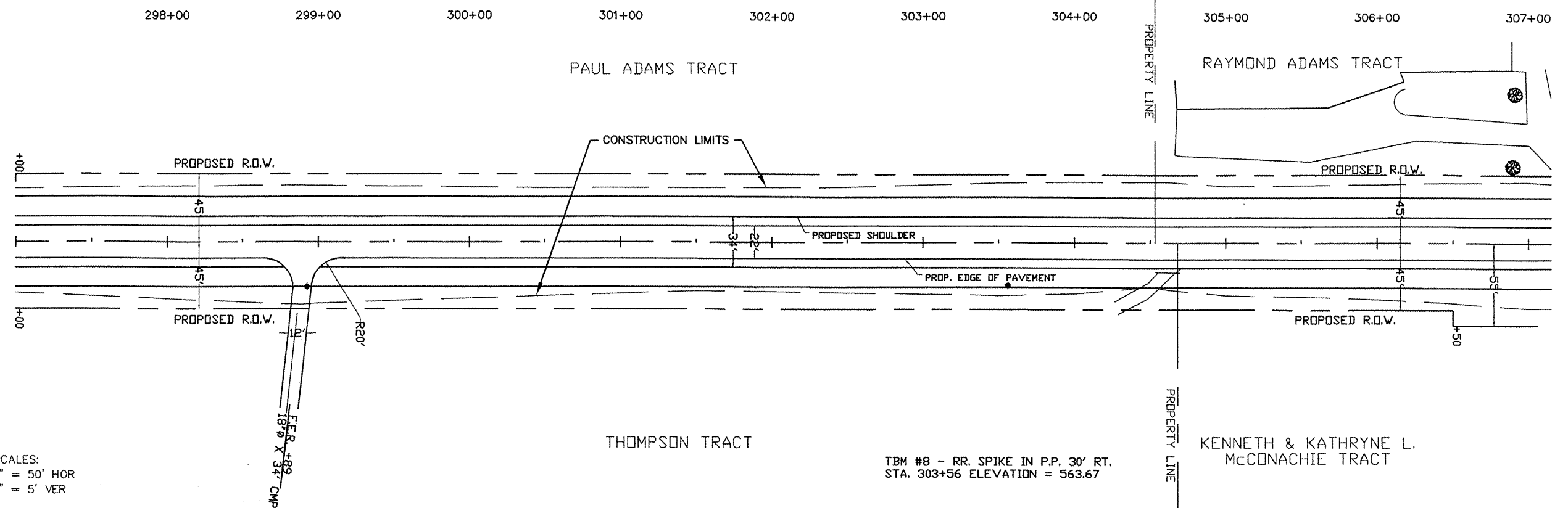
TBM #7 - RR. SPIKE IN P.P. 30' RT.
 STA. 295+34. ELEVATION = 543.56



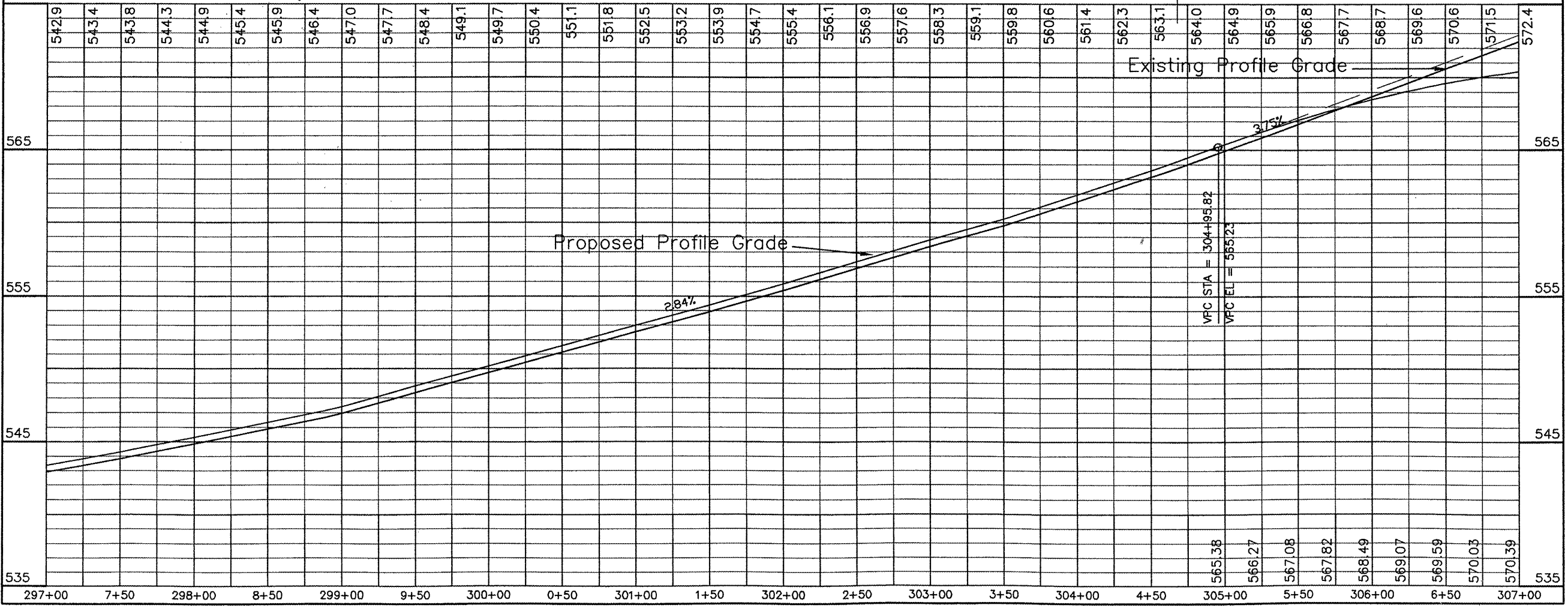
Plan and Profile Sta 287+00 to Sta 297+00



ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	12/101
CONTRACT NO. 97445			



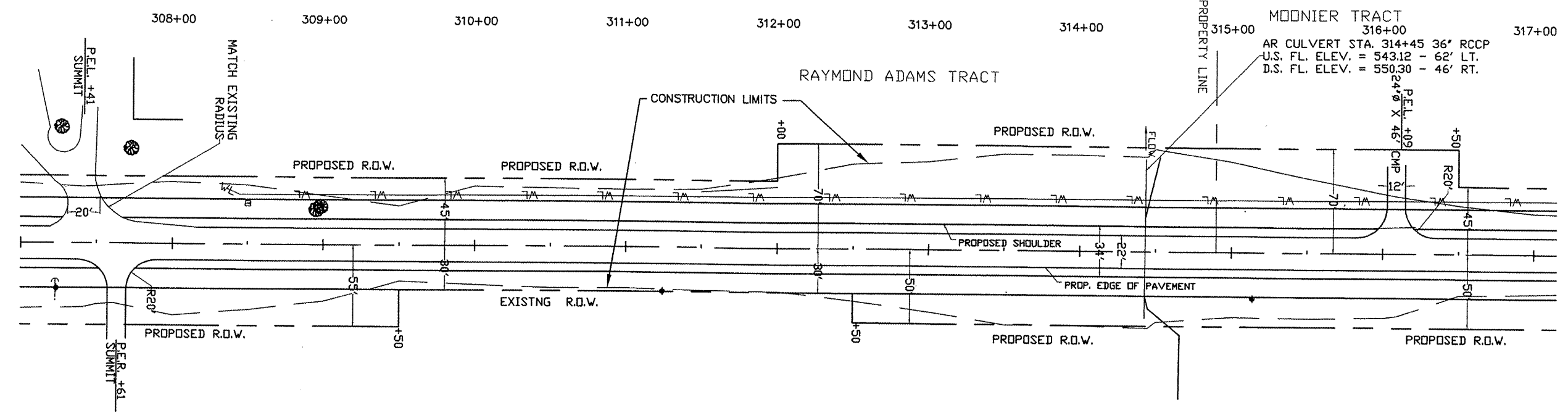
SCALES:
 1" = 50' HOR
 1" = 5' VER



Plan and Profile Sta 297+00 to Sta 307+00

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	13/101

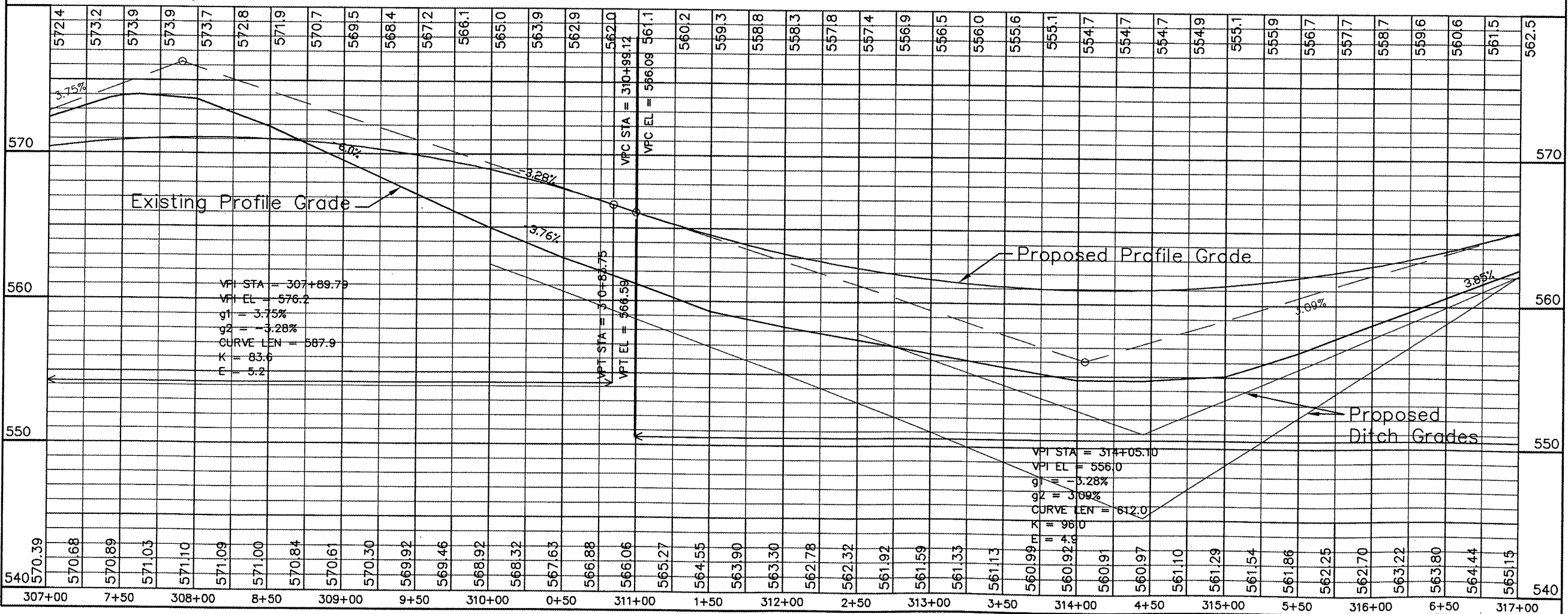
CONTRACT N. 97445



SCALES:
 1" = 50' HOR
 1" = 5' VER

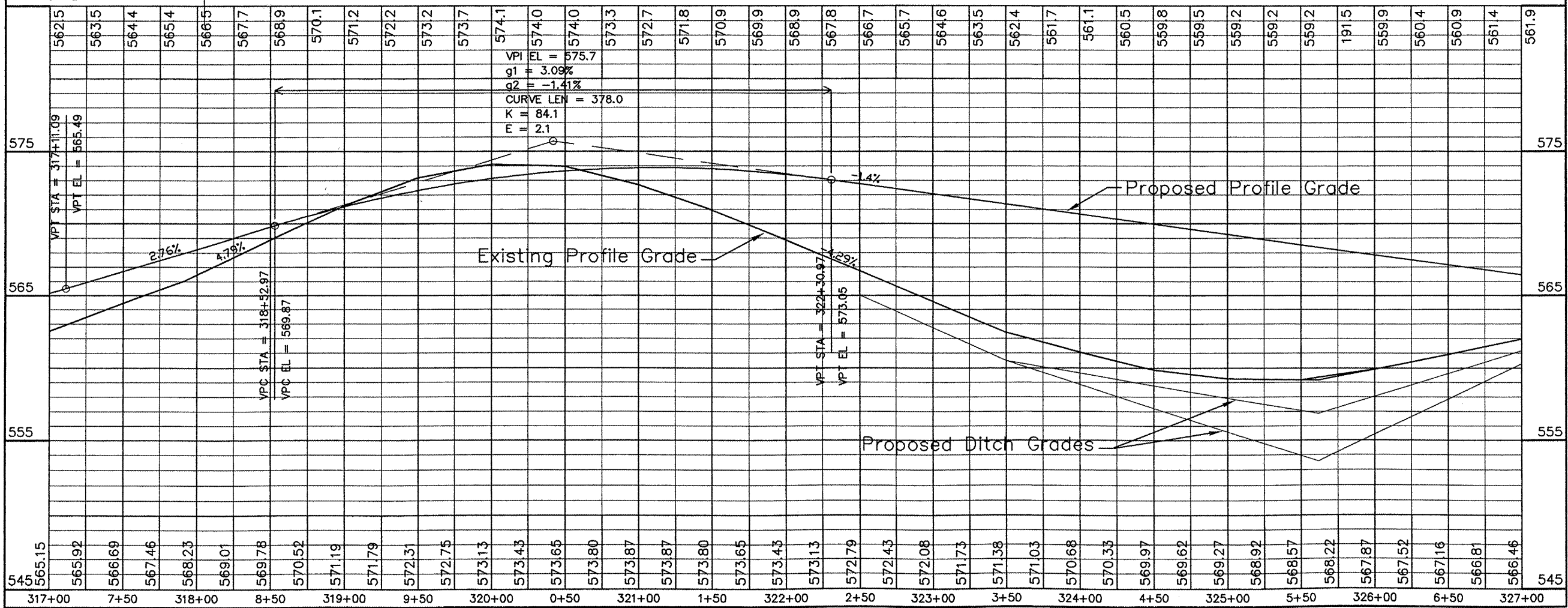
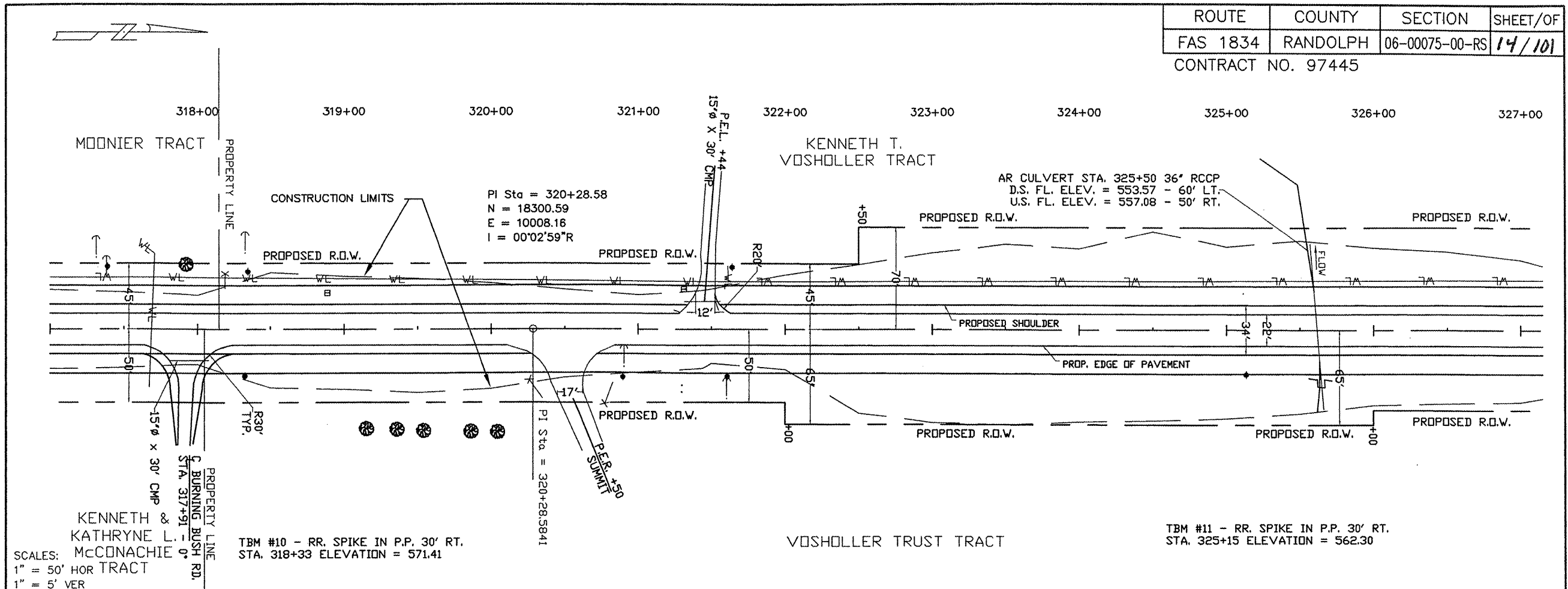
TBM #9 - RR. SPIKE IN P.P. 30' RT.
 STA. 311+24. ELEVATION = 563.30

KENNETH & KATHRYNE L.
 MCCONACHIE TRACT



Plan and Profile Sta 307+00 to Sta 317+00

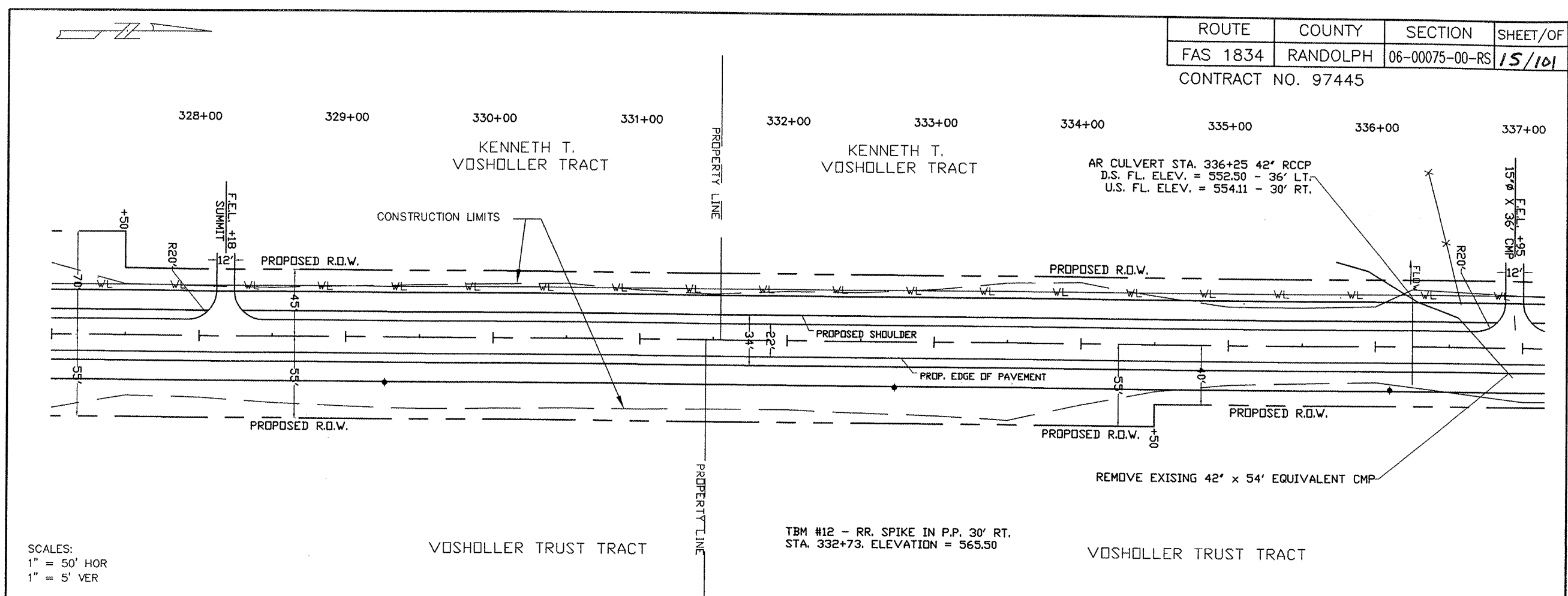
CONTRACT NO. 97445



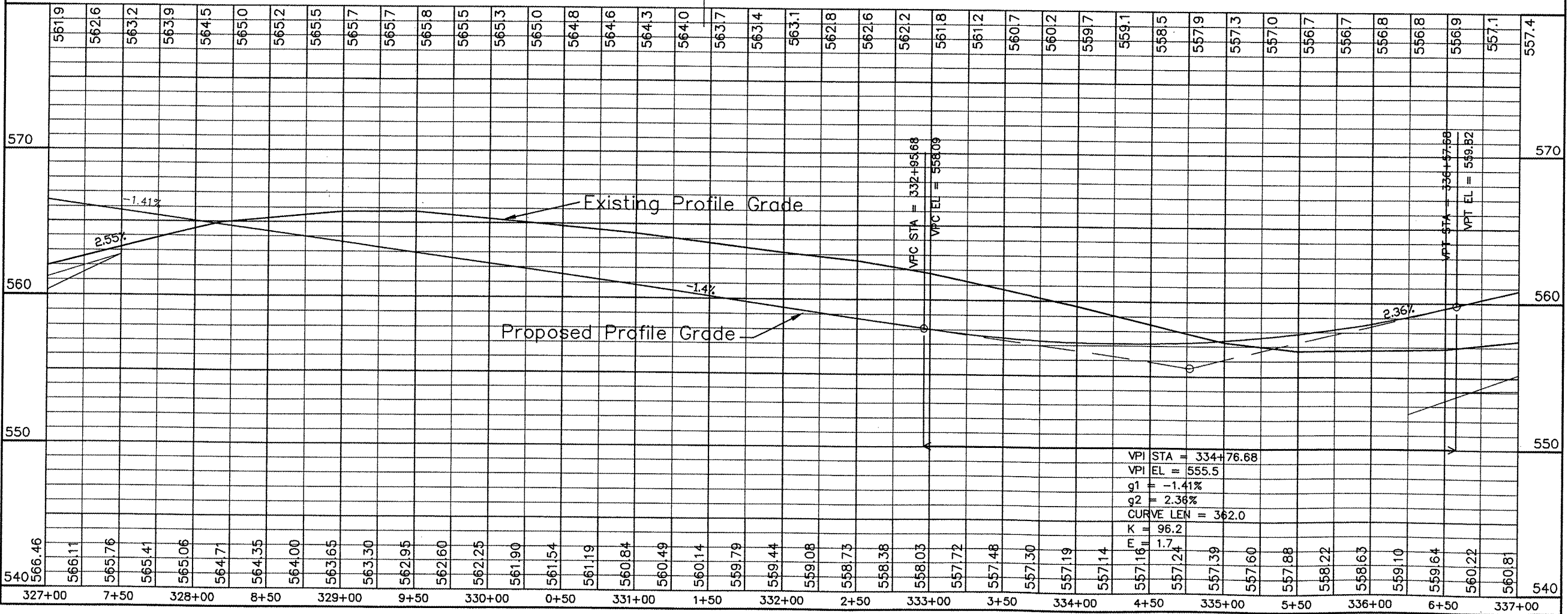
Plan and Profile Sta 317+00 to Sta 327+00

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	15/101

CONTRACT NO. 97445

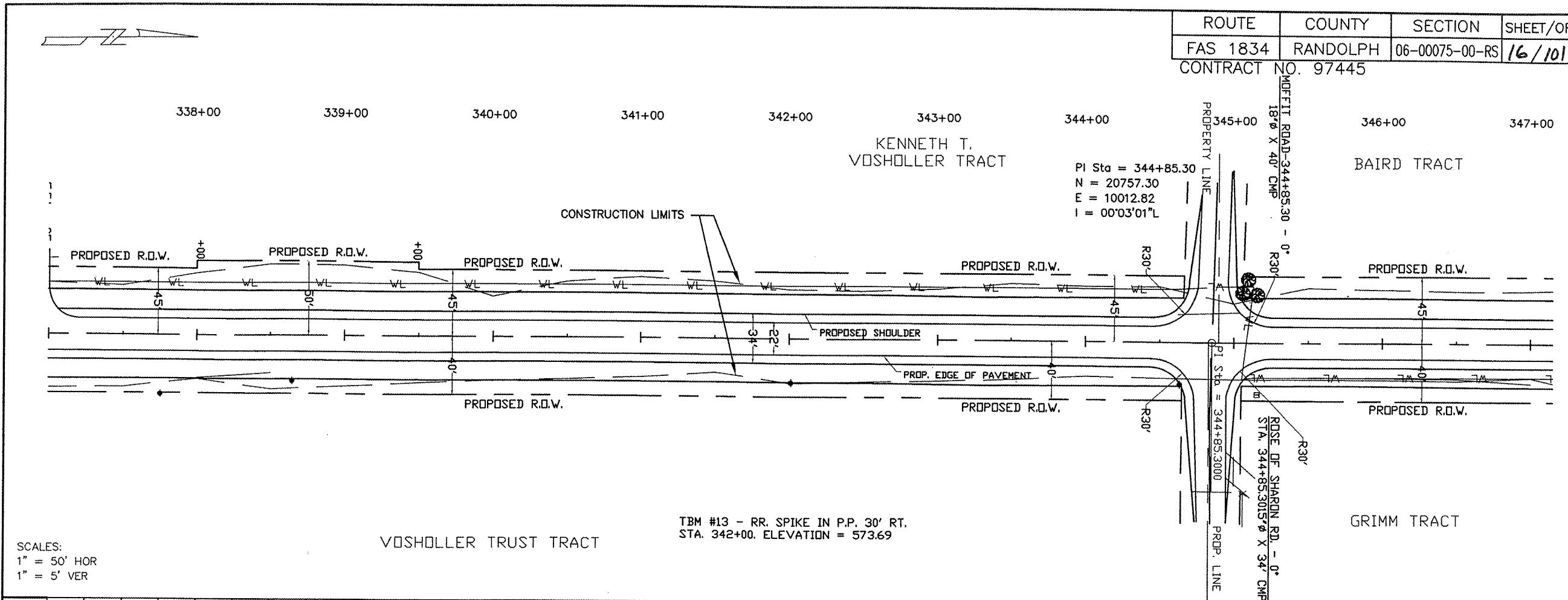


SCALES:
 1" = 50' HOR
 1" = 5' VER

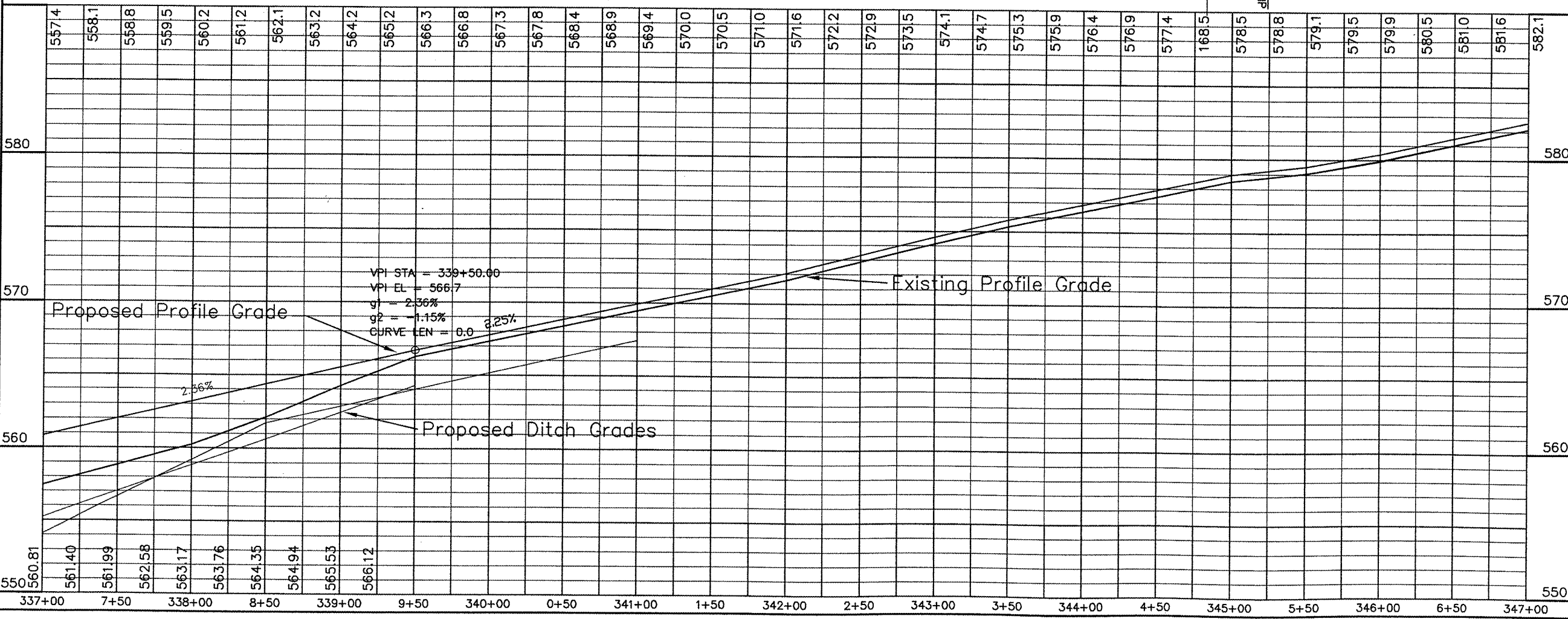


Plan and Profile Sta 327+00 to Sta 337+00

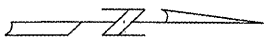
ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	16/101
CONTRACT NO. 97445			



SCALES:
 1" = 50' HOR
 1" = 5' VER



Plan and Profile Sta 337+00 to Sta 347+00

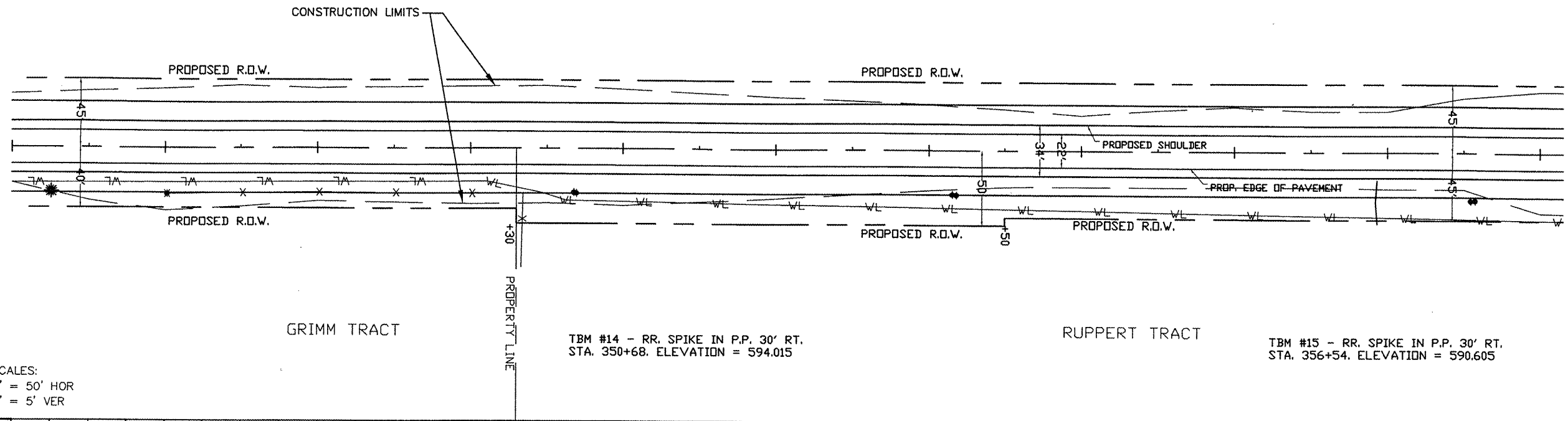


ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	17/101

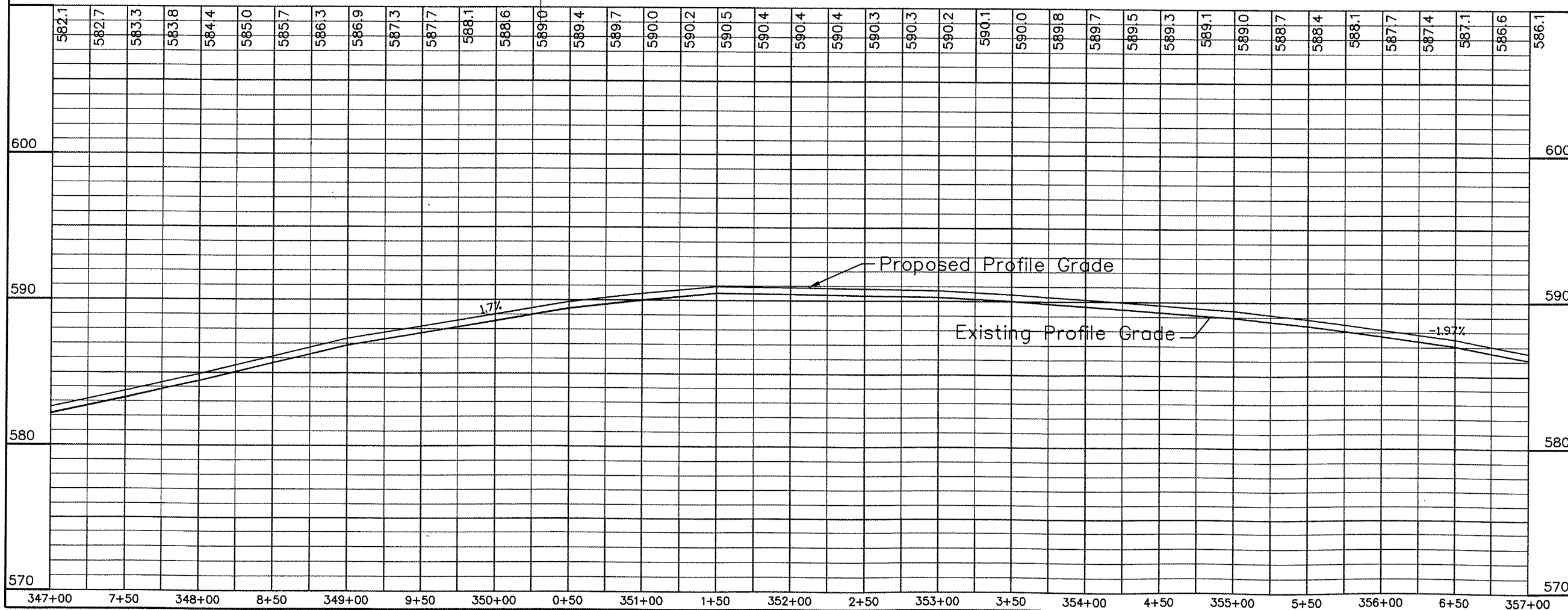
CONTRACT NO. 97445

348+00 349+00 350+00 351+00 352+00 353+00 354+00 355+00 356+00 357+00

BAIRD TRACT



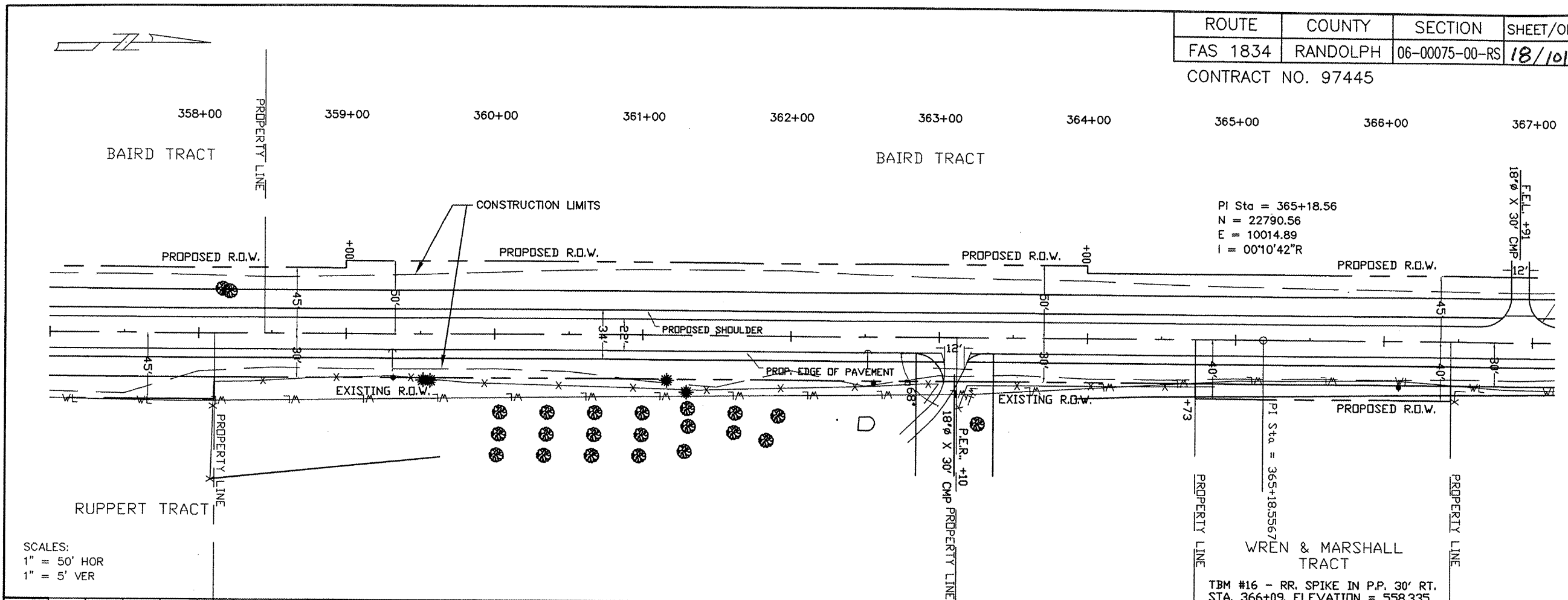
SCALES:
1" = 50' HOR
1" = 5' VER



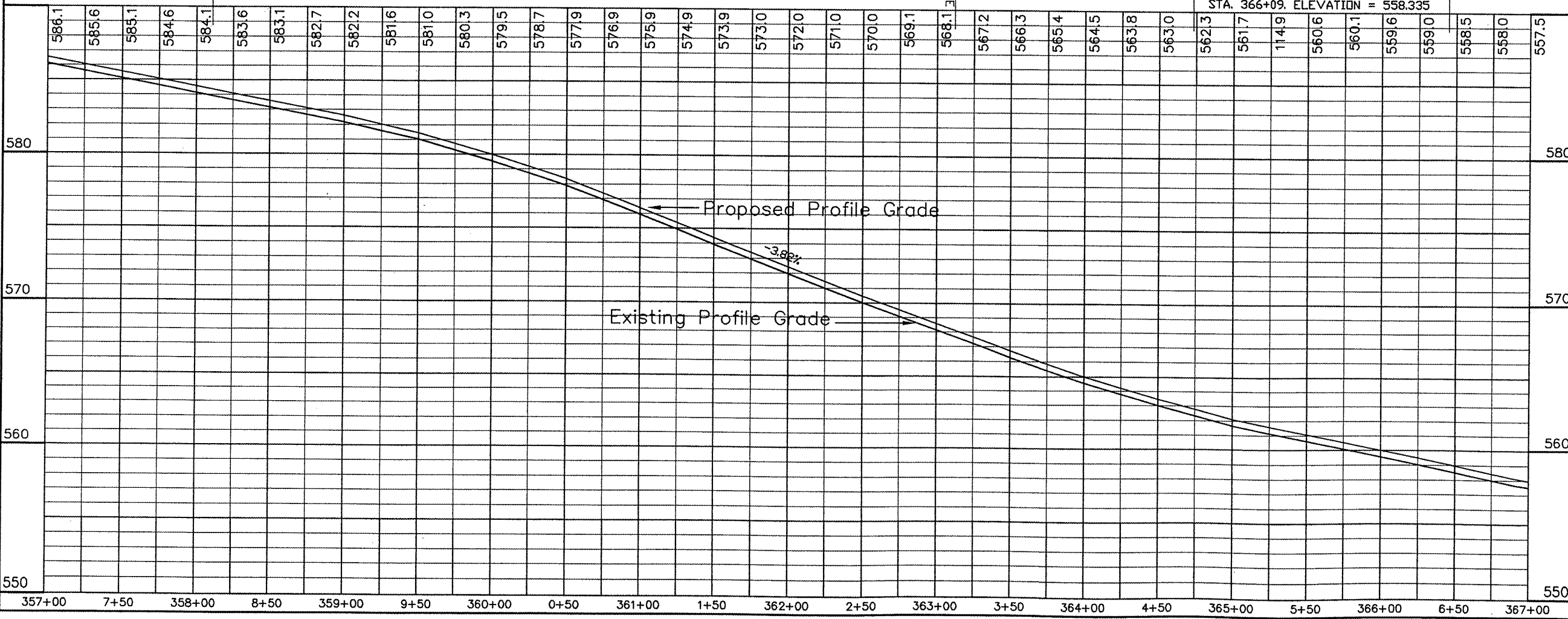
Plan and Profile Sta 347+00 to Sta 357+00

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	18/101

CONTRACT NO. 97445



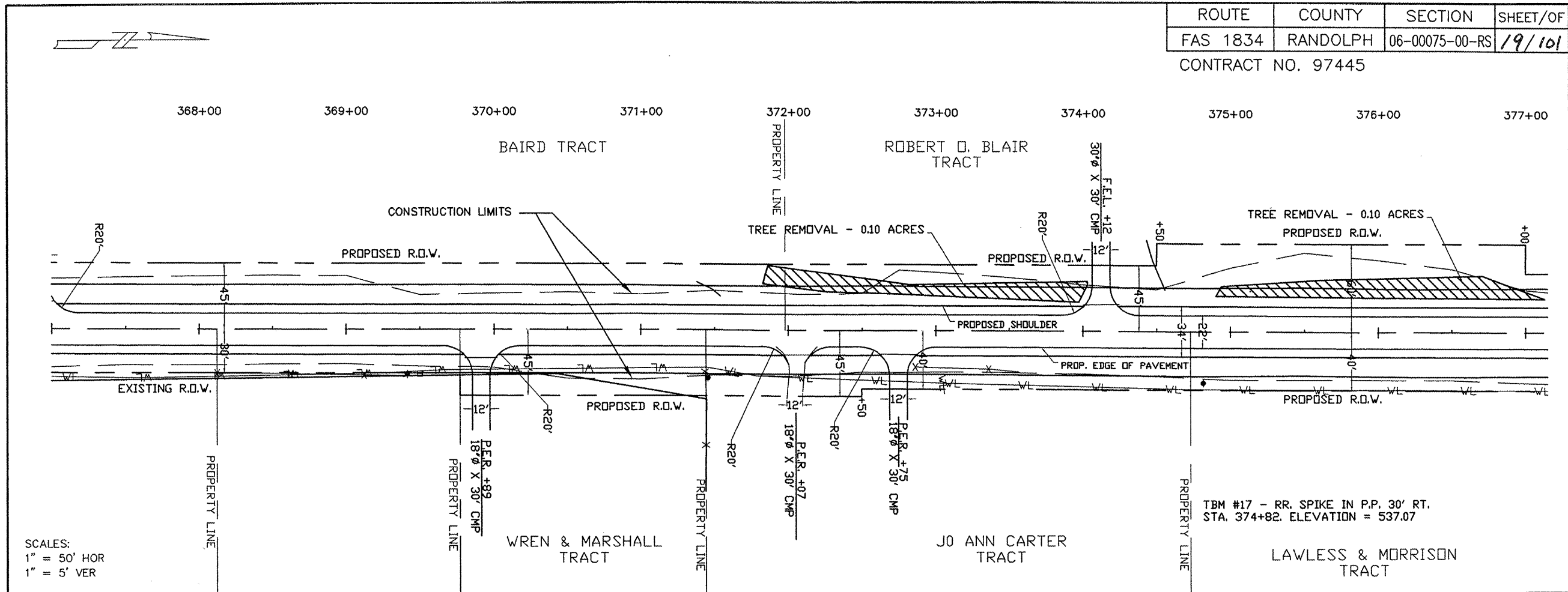
SCALES:
 1" = 50' HOR
 1" = 5' VER



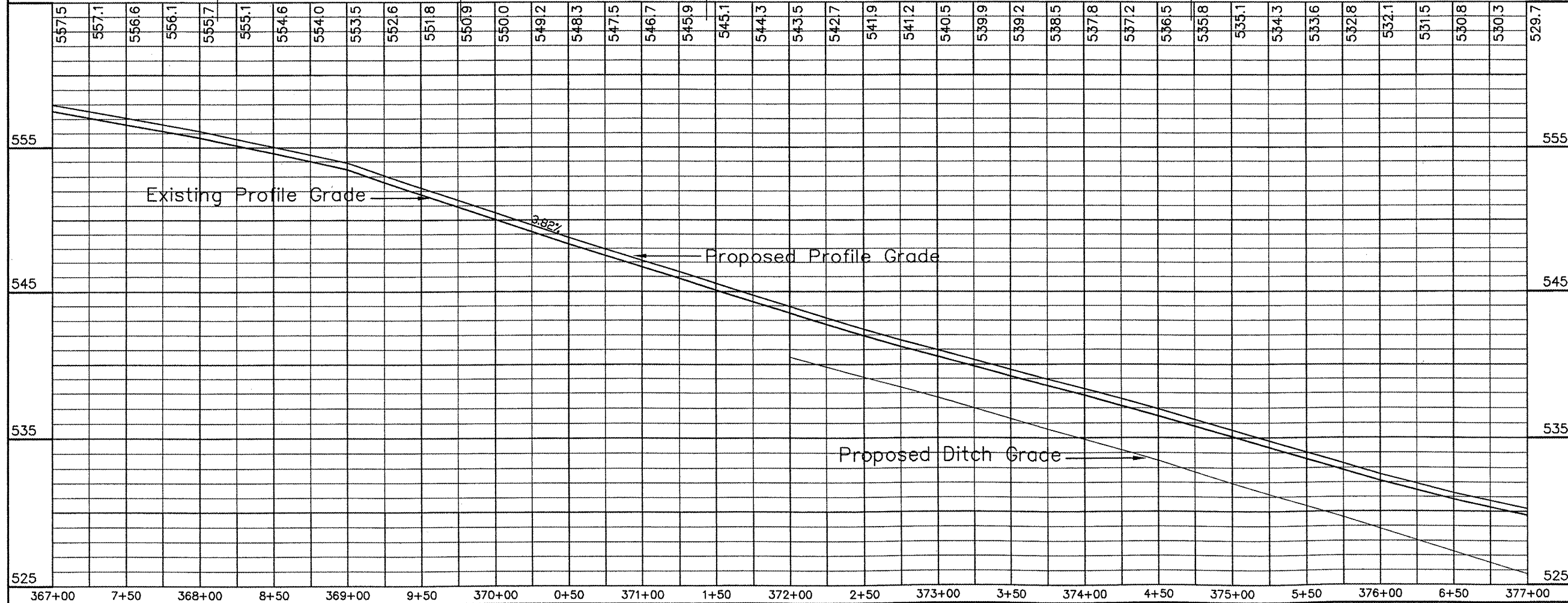
Plan and Profile Sta 357+00 to Sta 367+00

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	19/101

CONTRACT NO. 97445



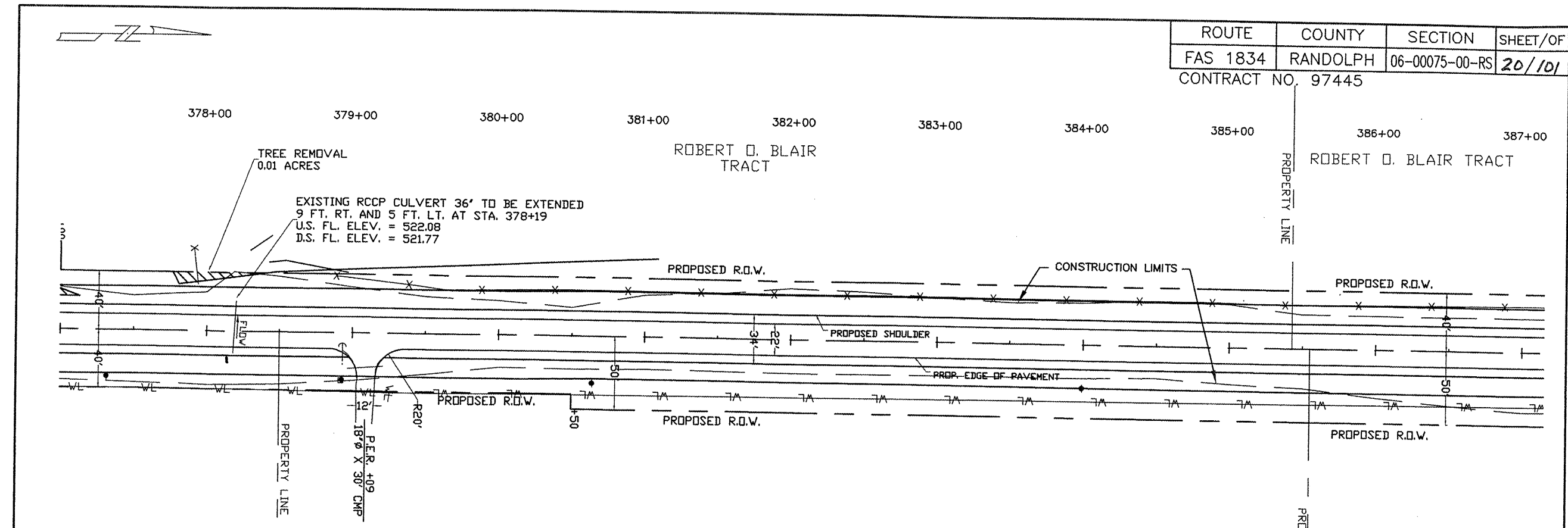
SCALES:
1" = 50' HOR
1" = 5' VER



Plan and Profile Sta 367+00 to Sta 377+00

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	20/101

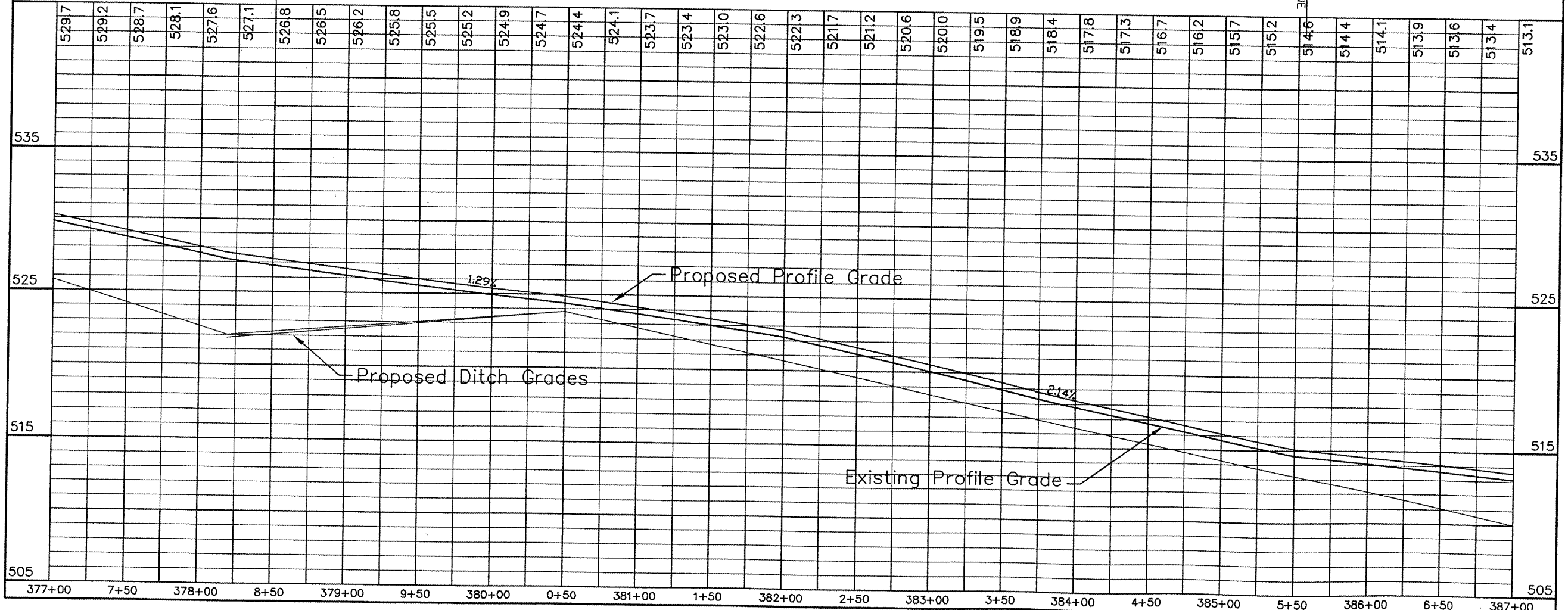
CONTRACT NO. 97445



SCALES: LAWLESS & MORRISON TRACT
 1" = 50' HOR
 1" = 5' VER

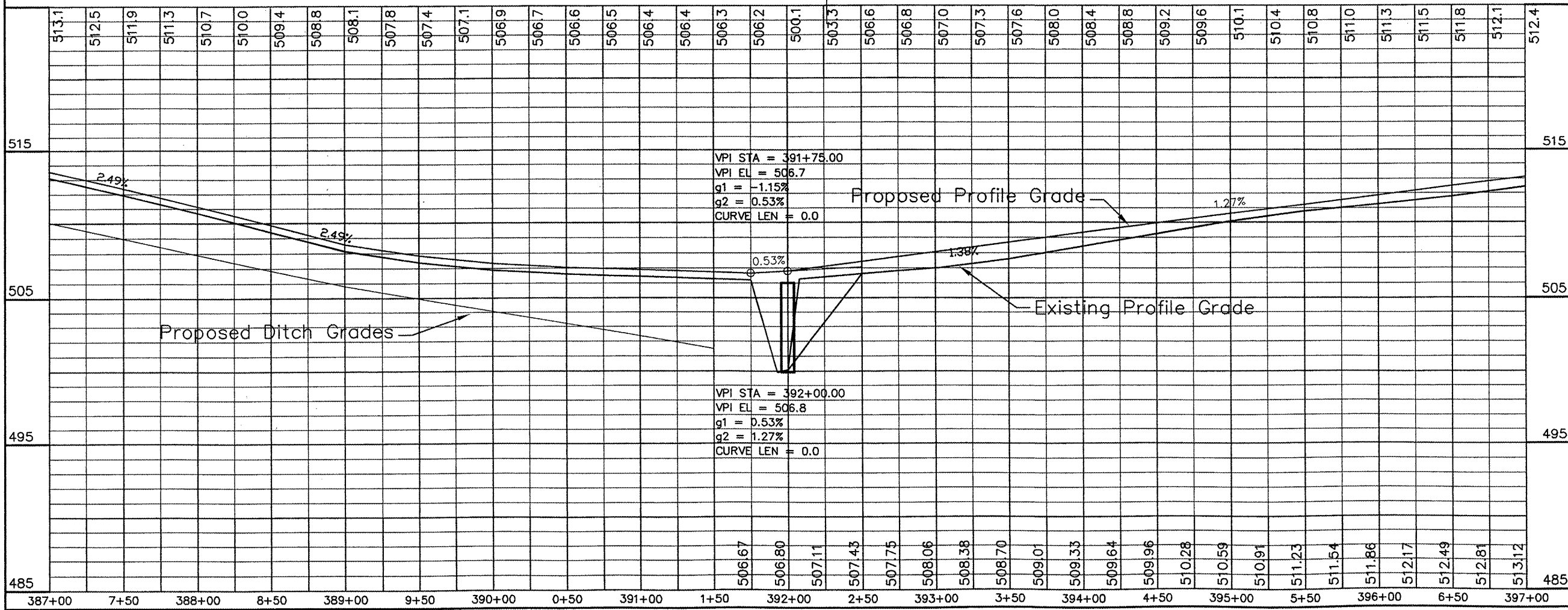
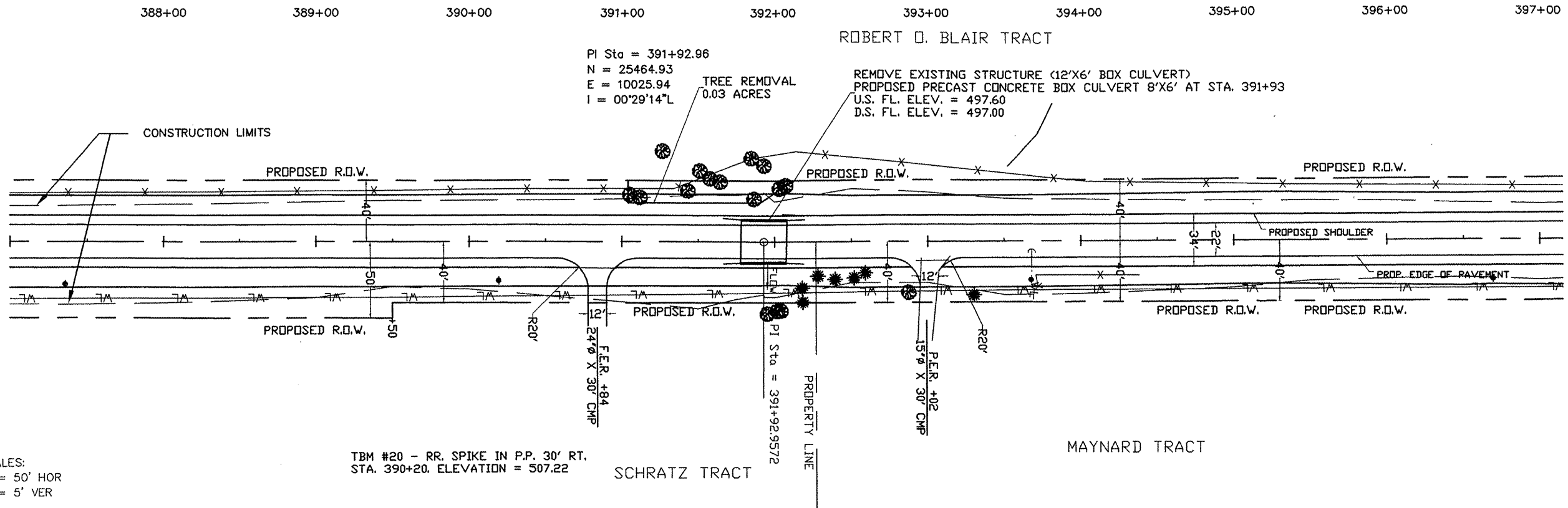
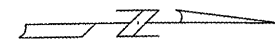
TBM #18 - RR. SPIKE IN P.P. 30' RT.
 STA. 378+93. ELEVATION = 525.86

TBM #19 - RR. SPIKE IN P.P. 30' RT.
 STA. 384+00. ELEVATION = 519.86



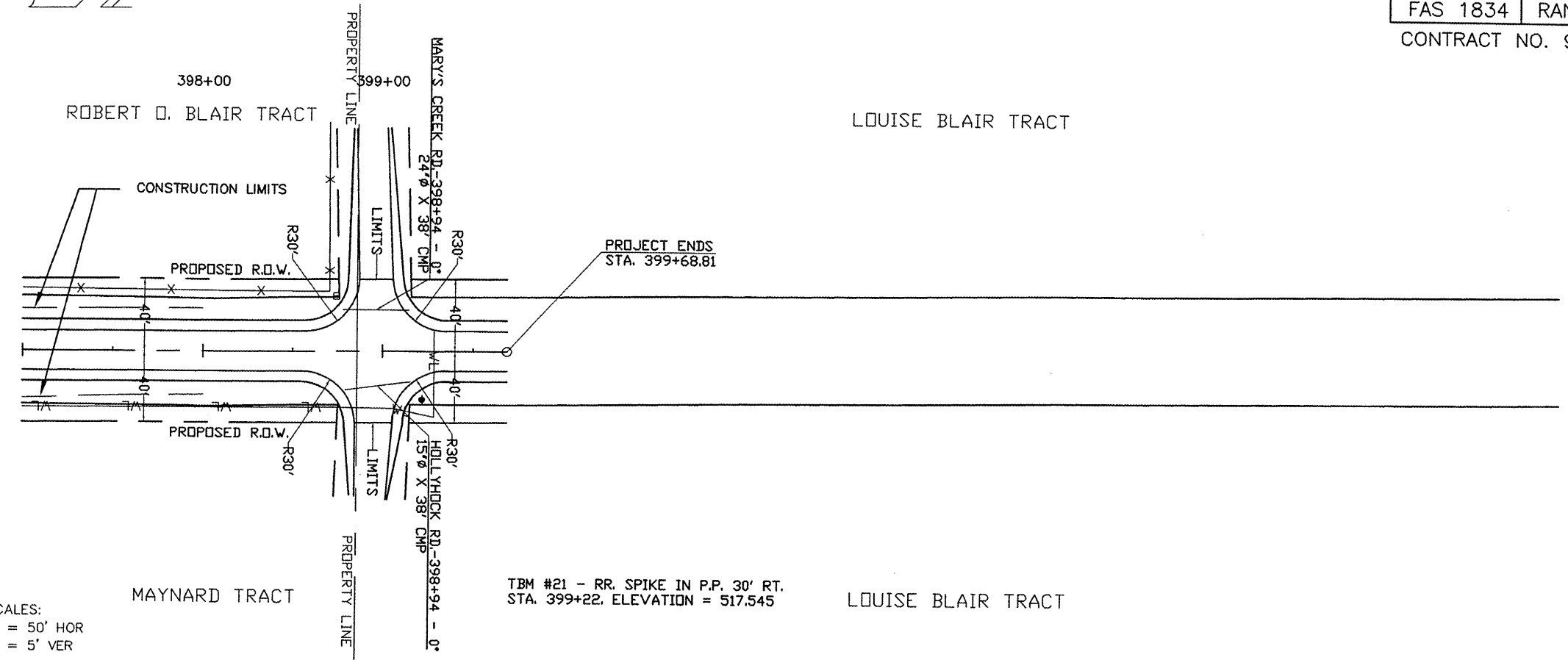
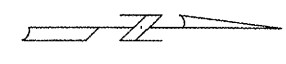
Plan and Profile Sta 377+00 to Sta 387+00

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	21/101
CONTRACT NO. 97445			

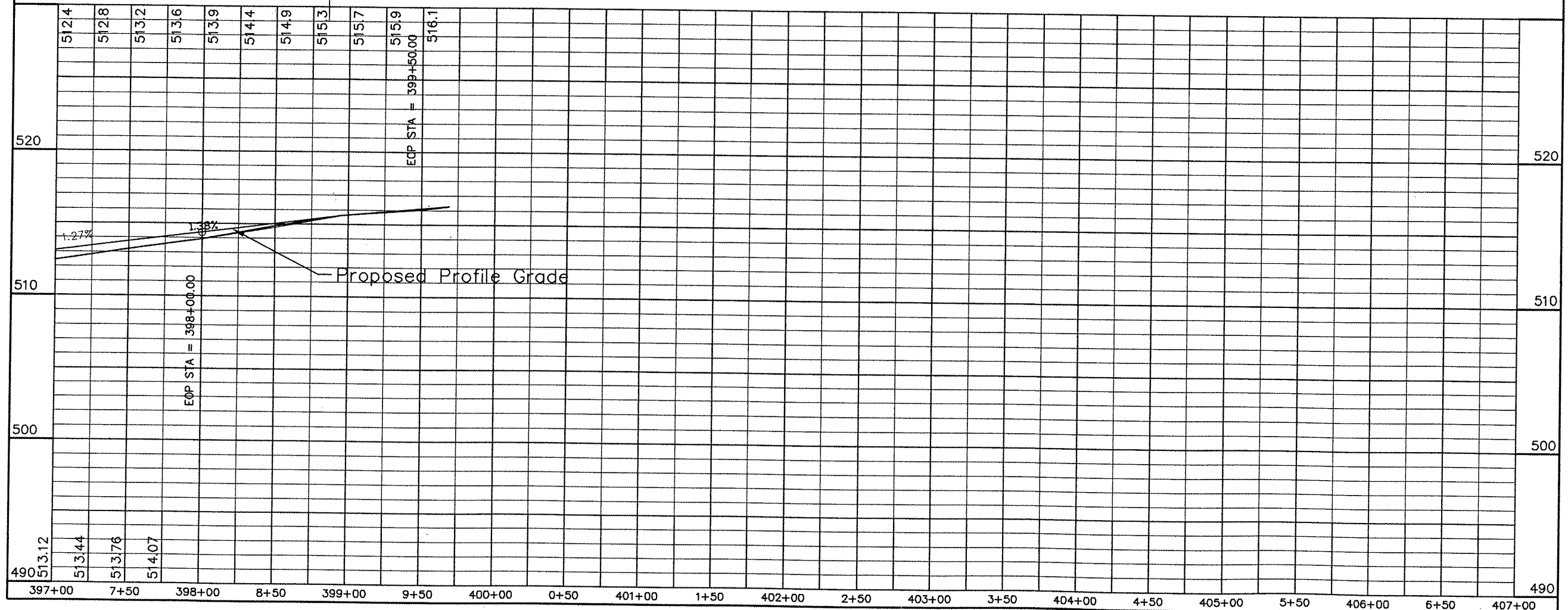


Plan and Profile Sta 387+00 to Sta 397+00

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	22/101
CONTRACT NO. 97445			



SCALES:
 1" = 50' HOR
 1" = 5' VER

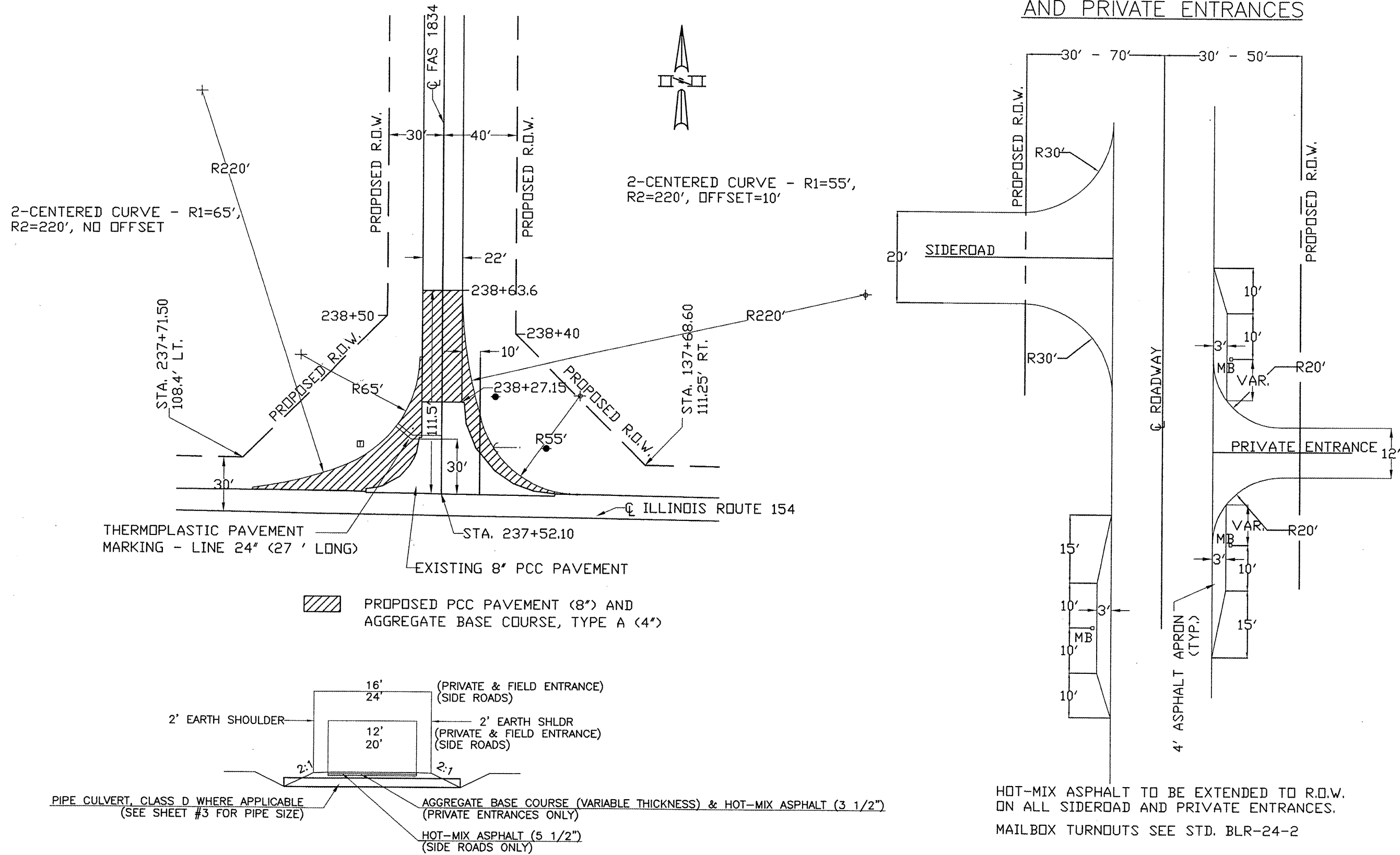


Plan and Profile Sta 397+00 to Sta 407+00

FAS ROUTE 1834 (COUNTY HIGHWAY 11)
SECTION NO. 06-00075-00-RS
INTERSECTION DETAIL AT ILLINOIS
ROUTE 154

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	23/101
CONTRACT NO. 97445			

MAILBOX TURNOUTS, SIDEROADS
AND PRIVATE ENTRANCES

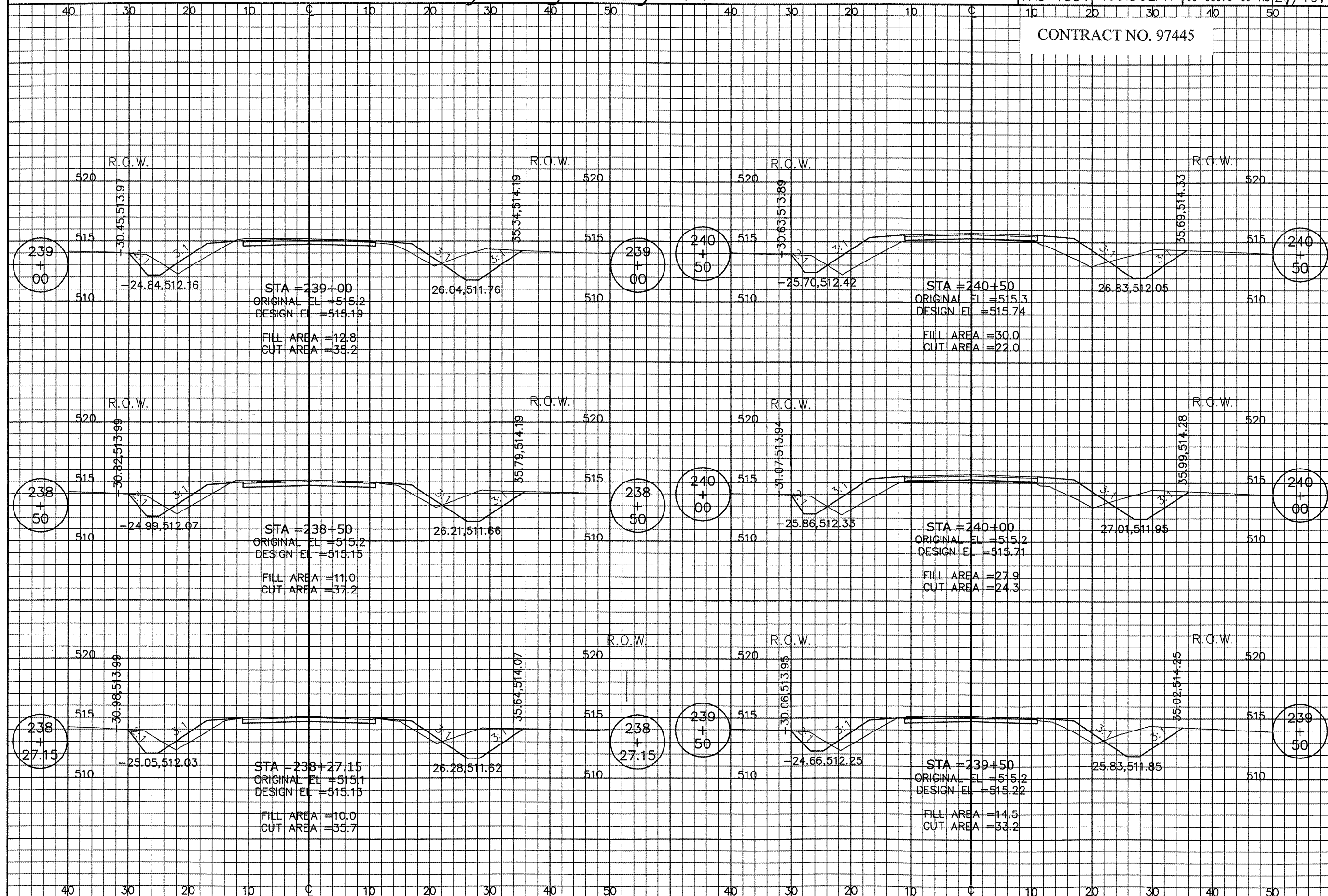


TYPICAL ENTRANCE & SIDE ROAD DETAILS

County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	24/101

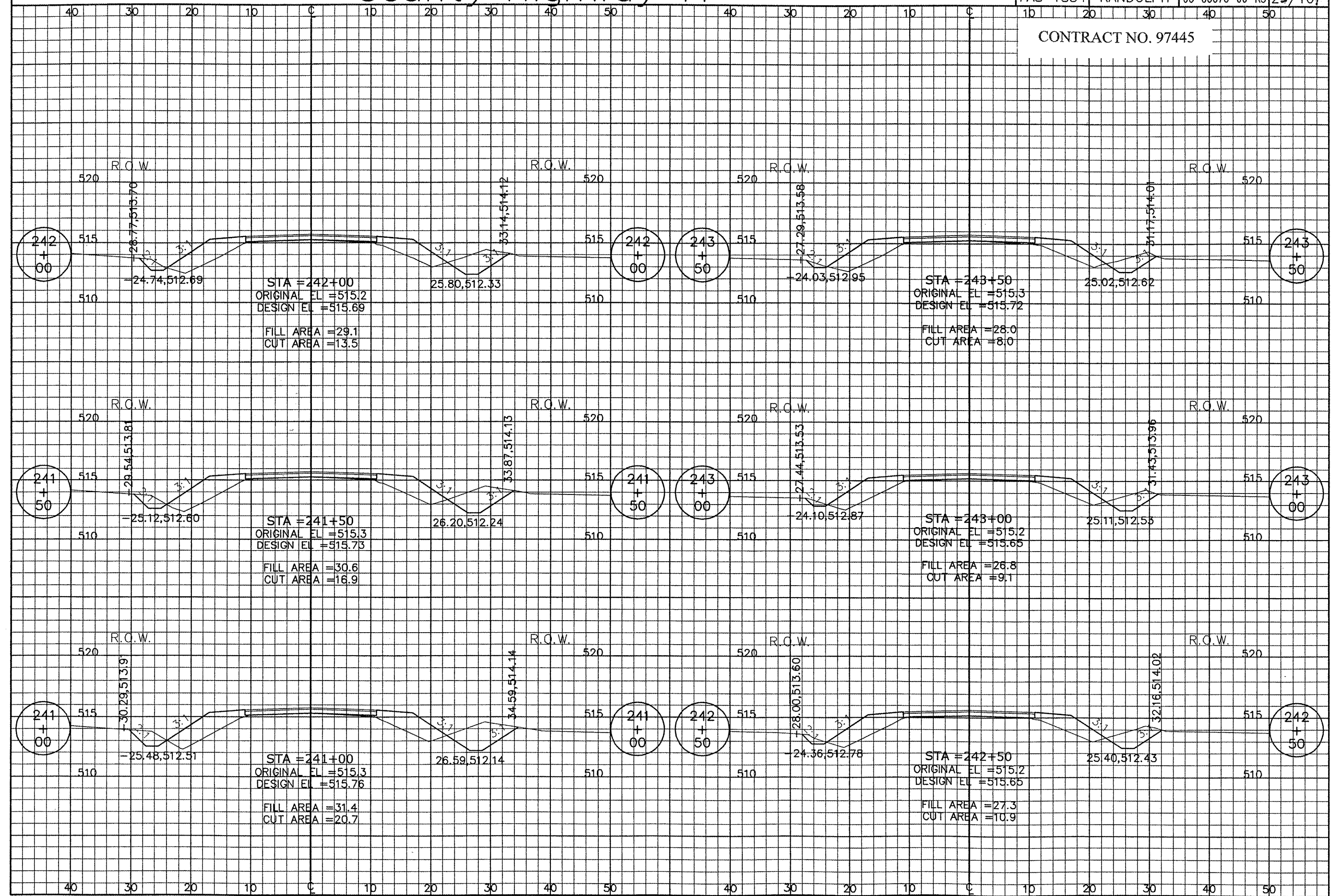
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	25/101

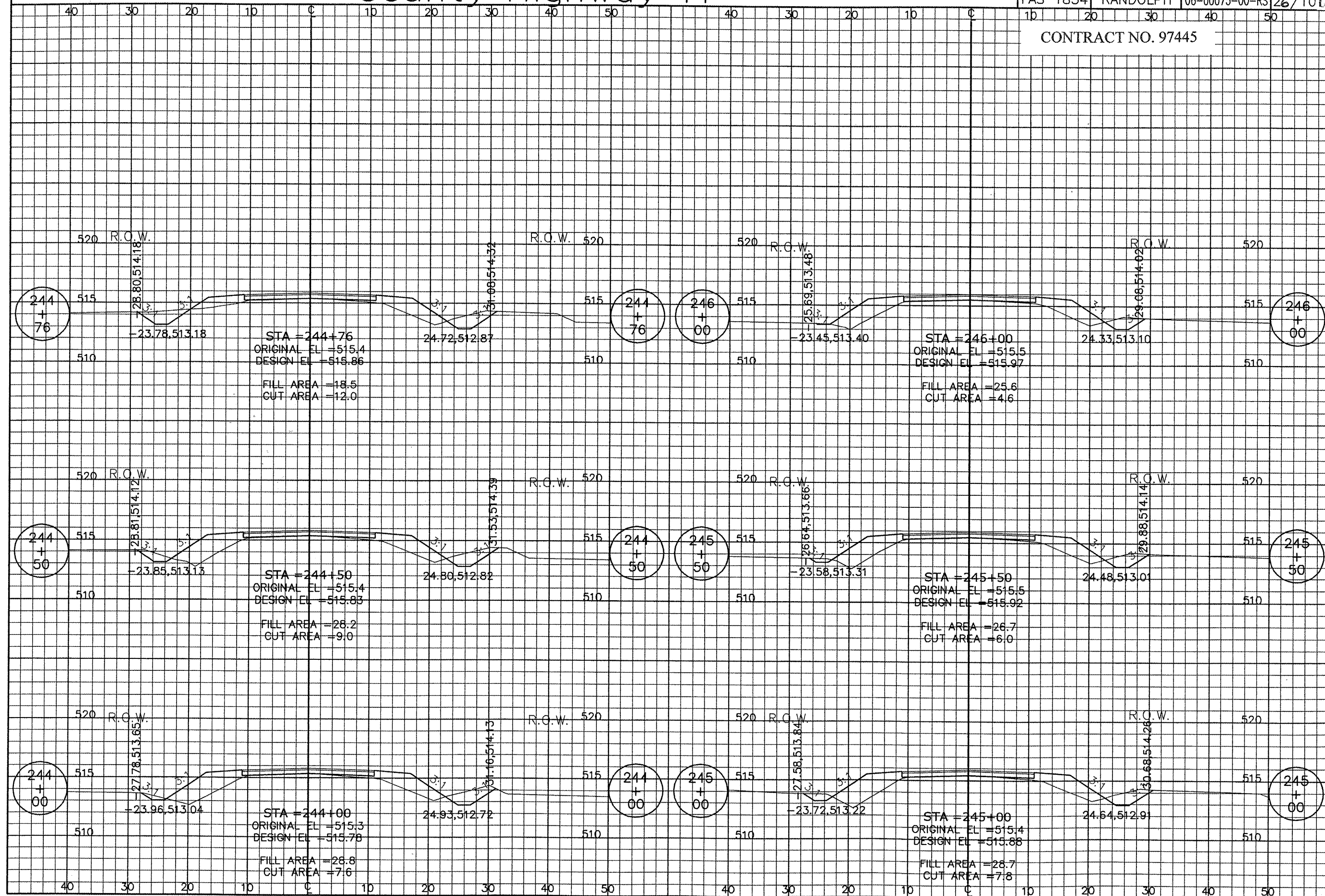
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	26/101

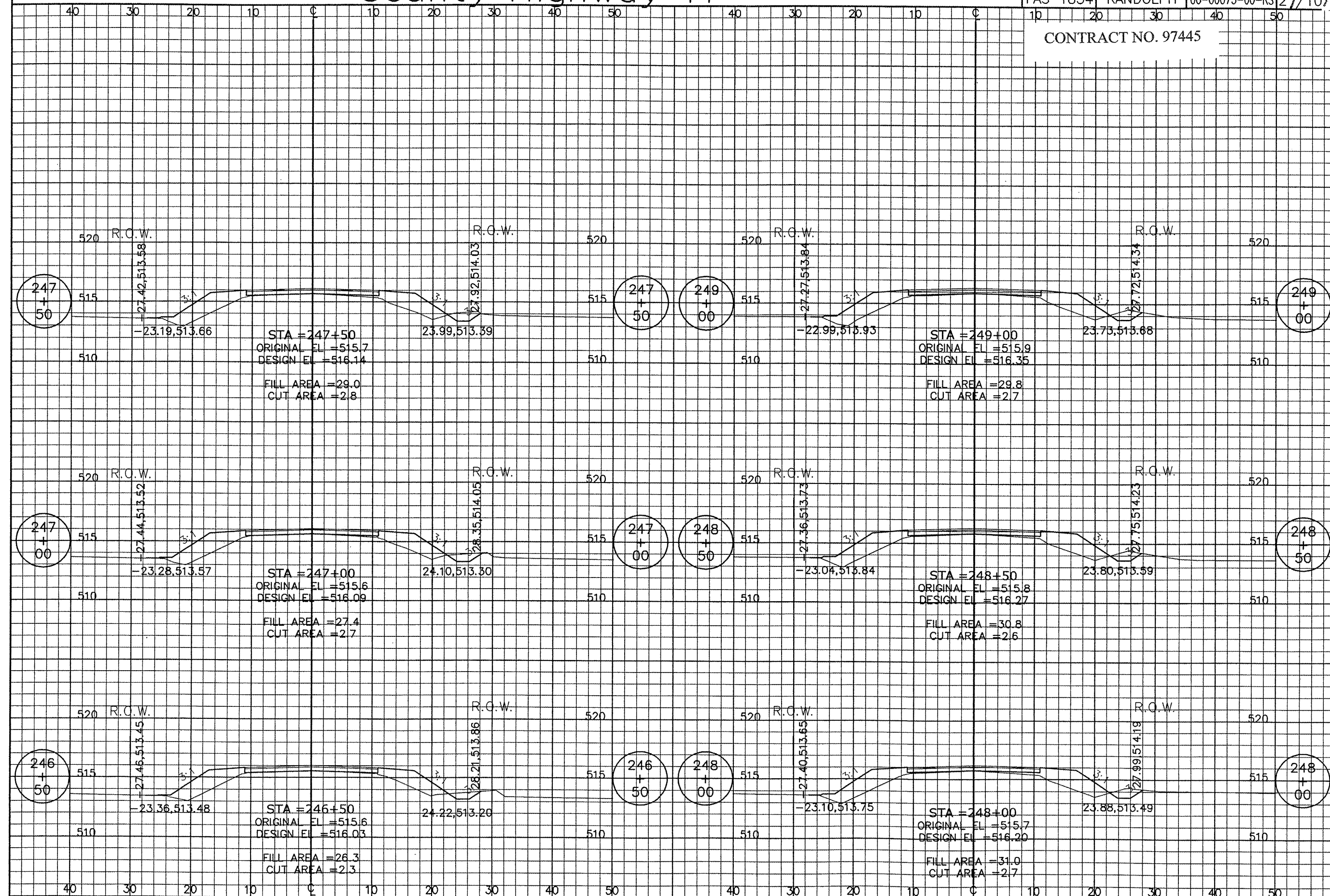
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	27/101

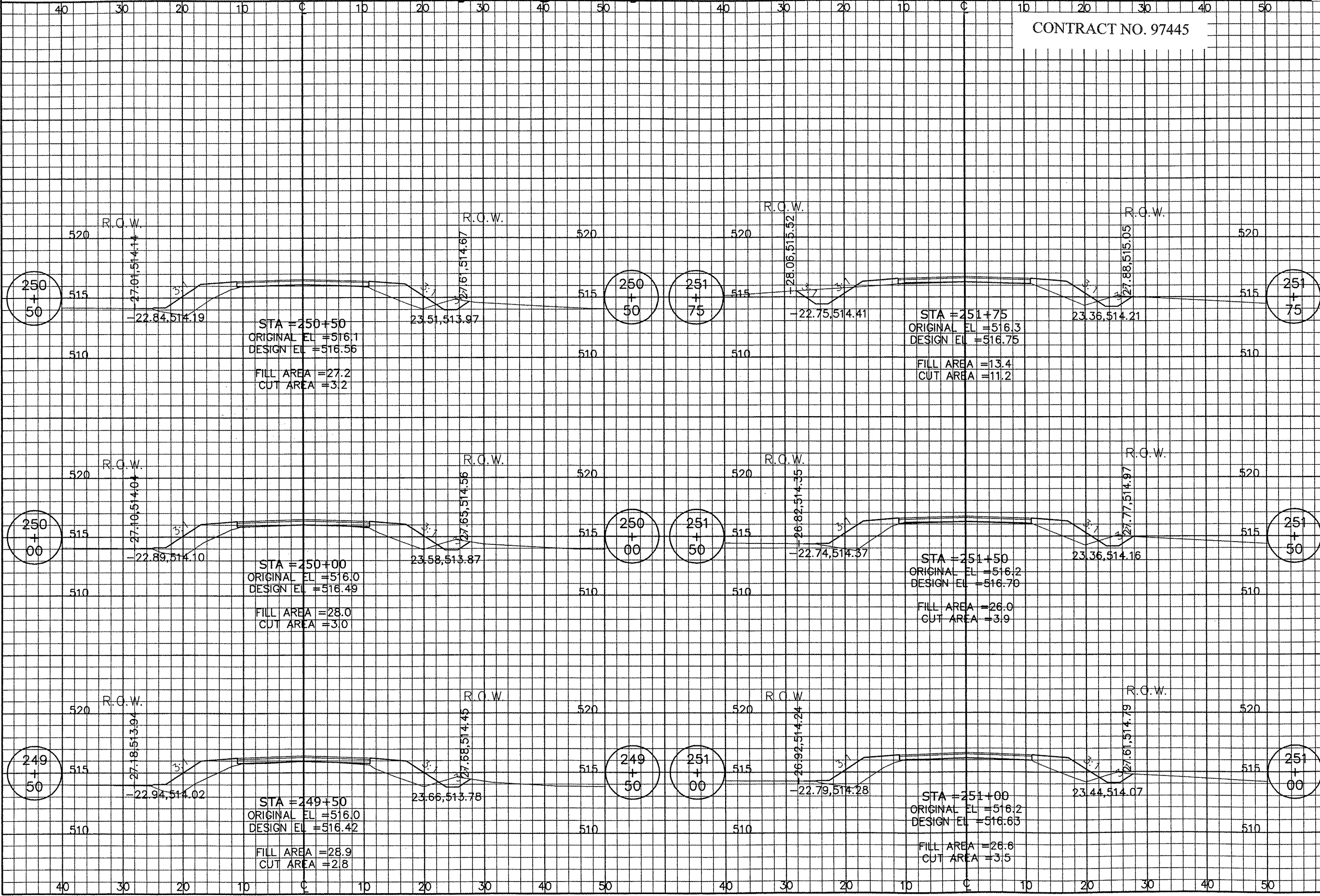
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS: 1834	RANDOLPH	06-00075-00-RS	20/101

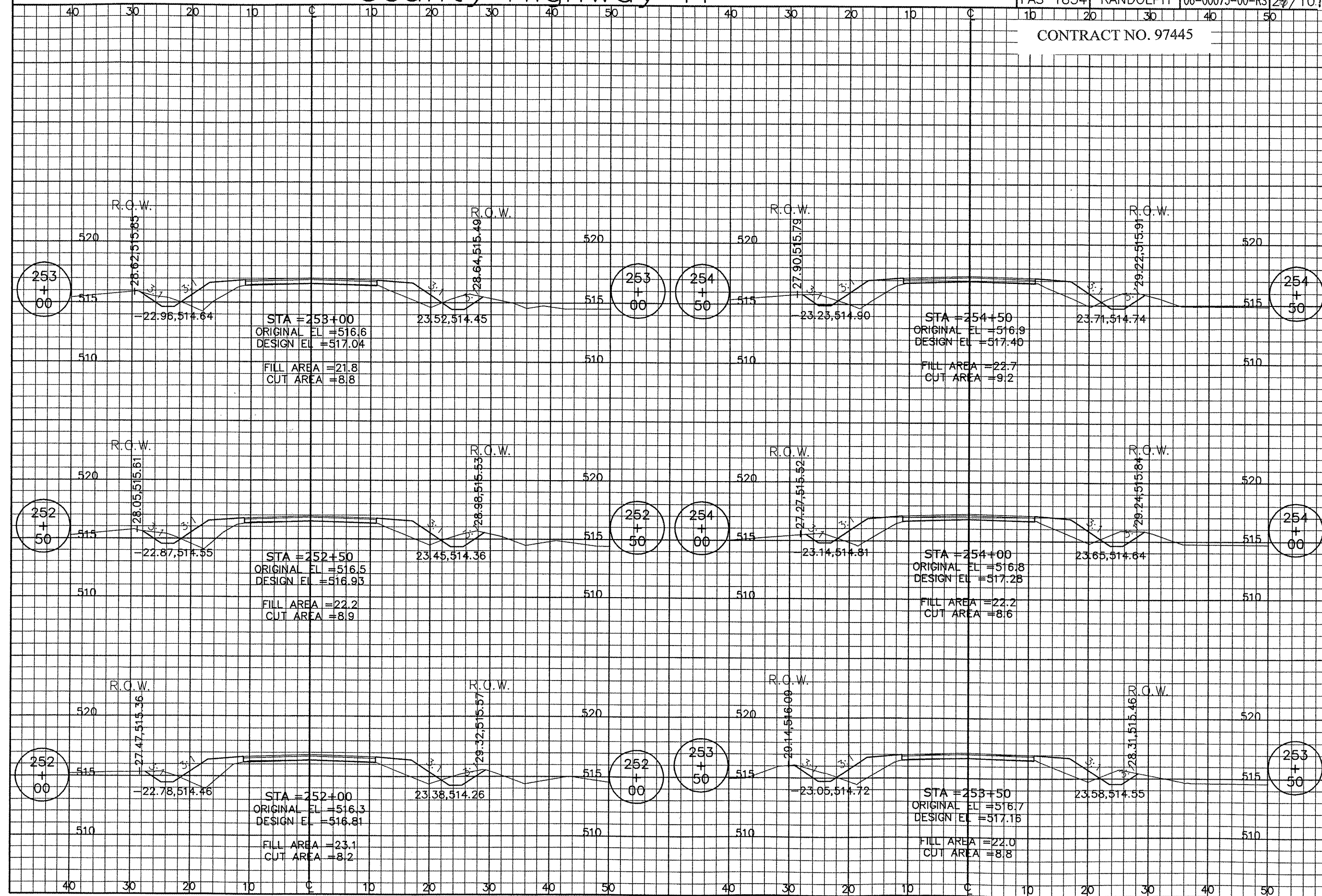
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	29/101

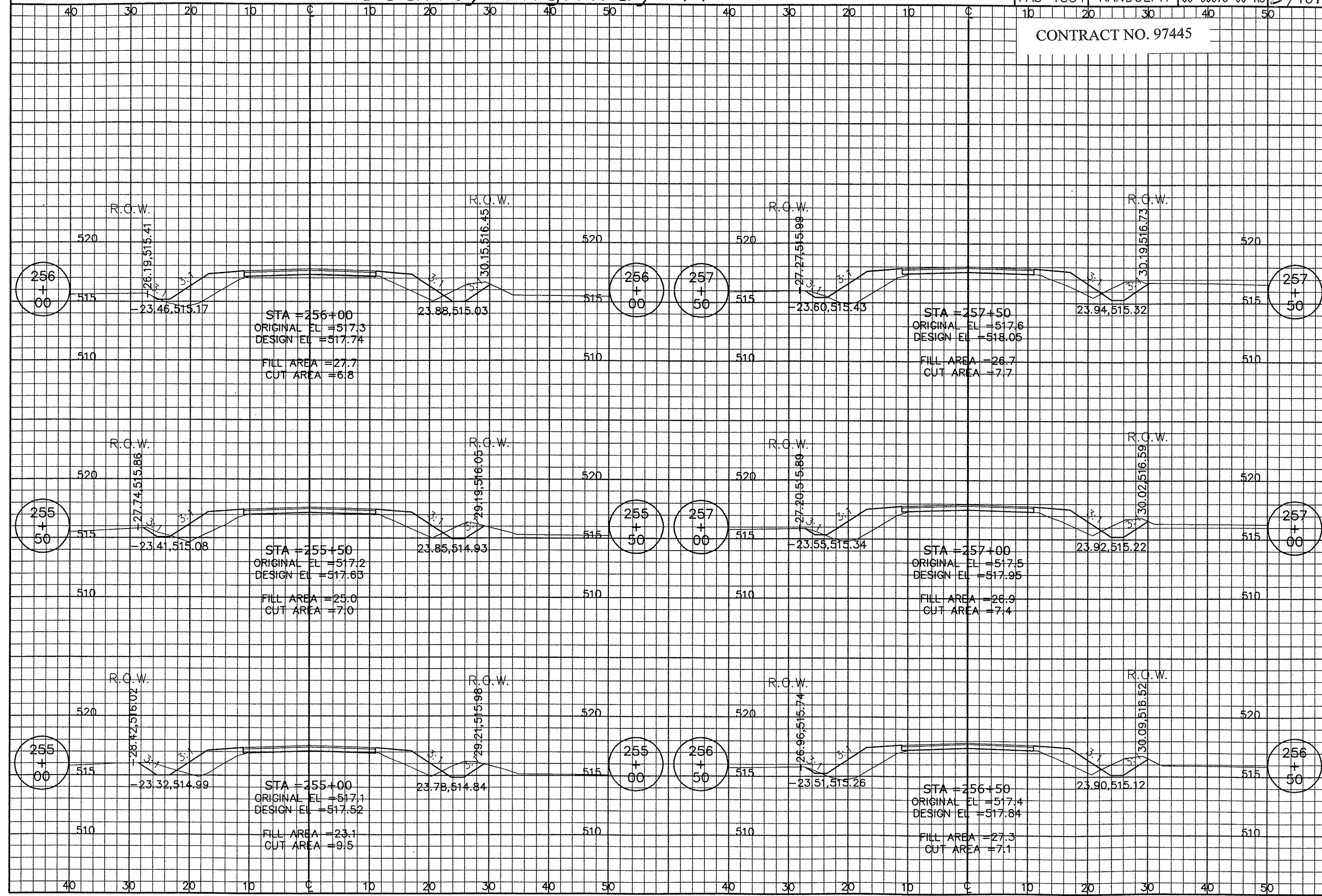
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	30/101

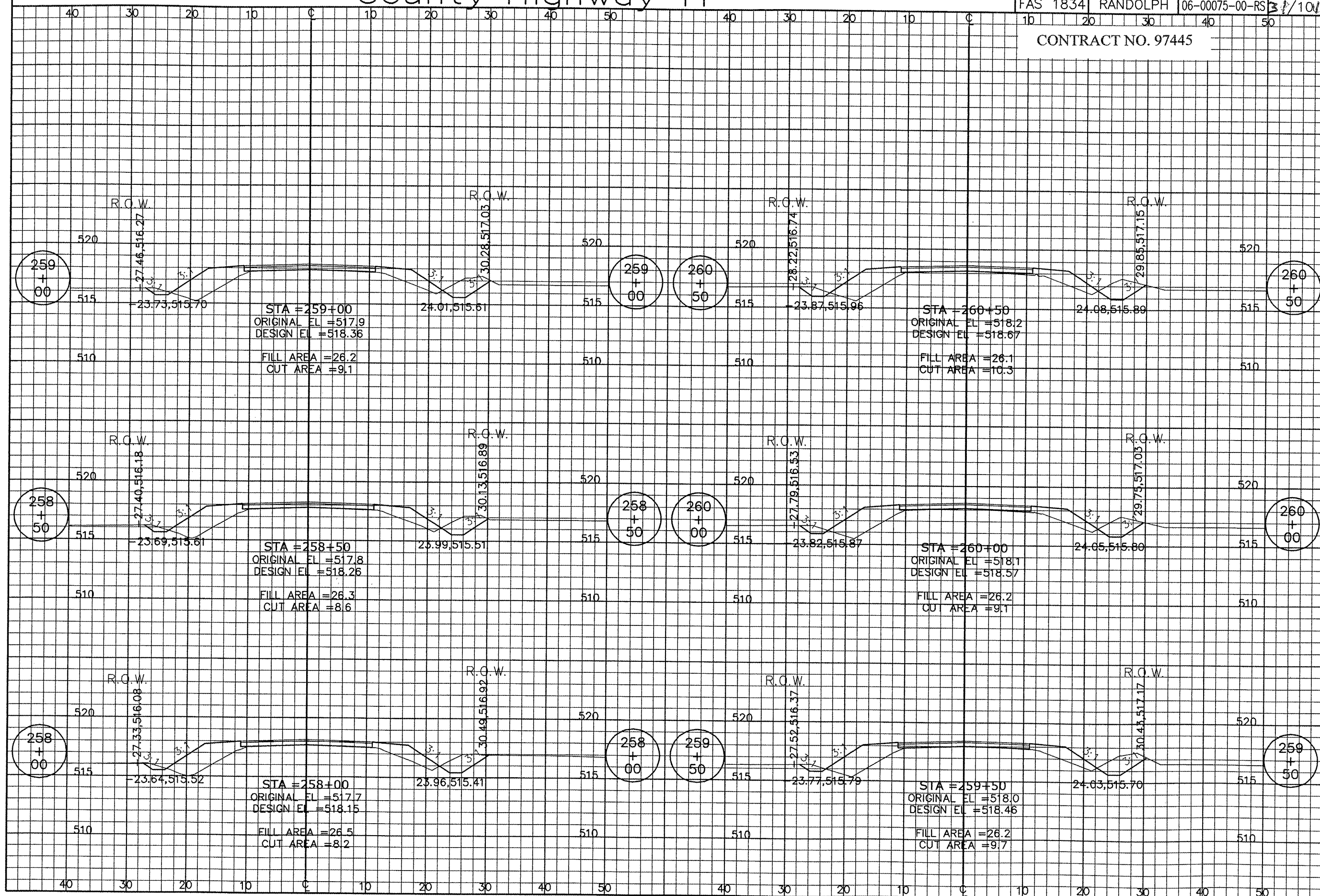
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	31/101

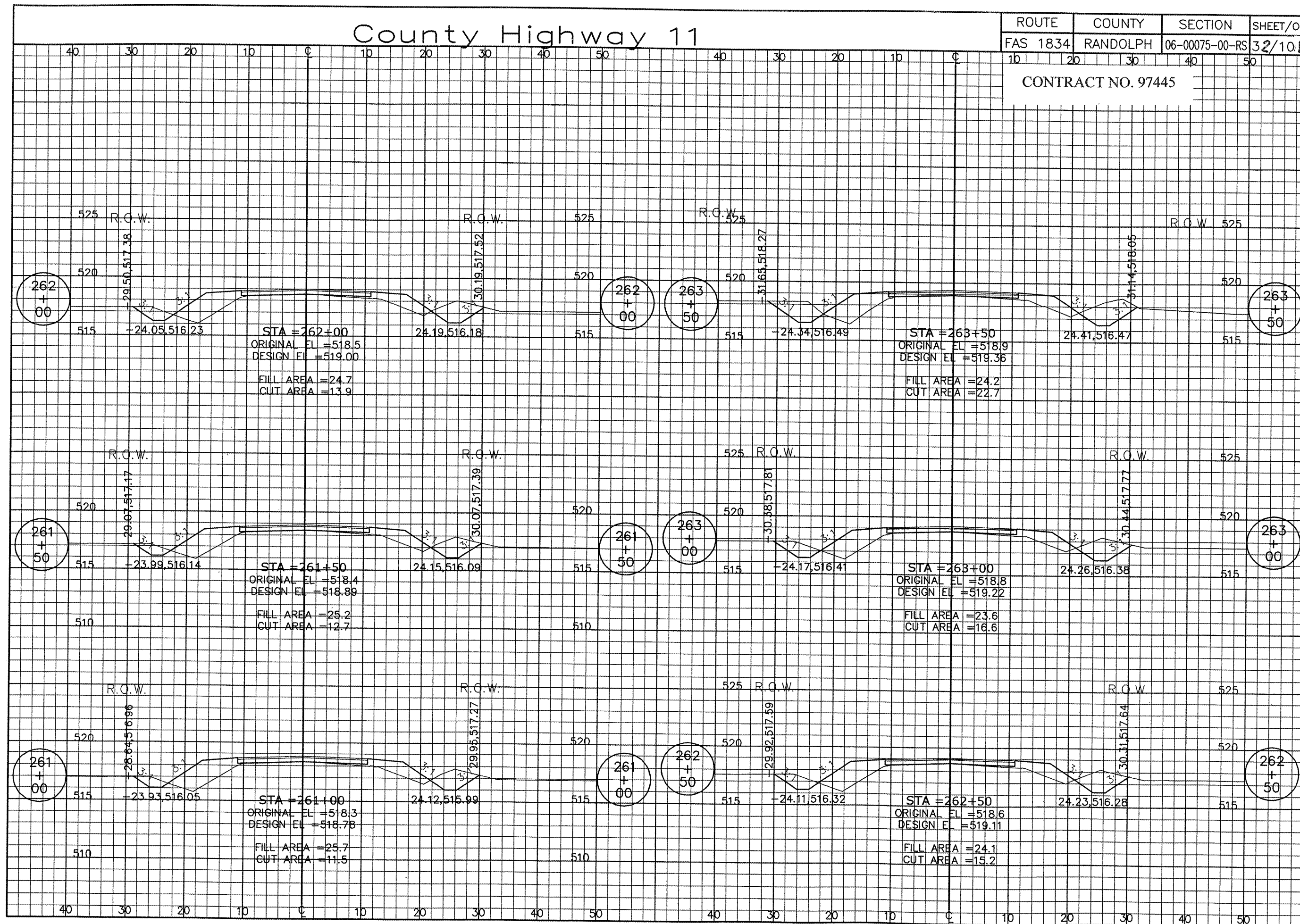
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	32/101

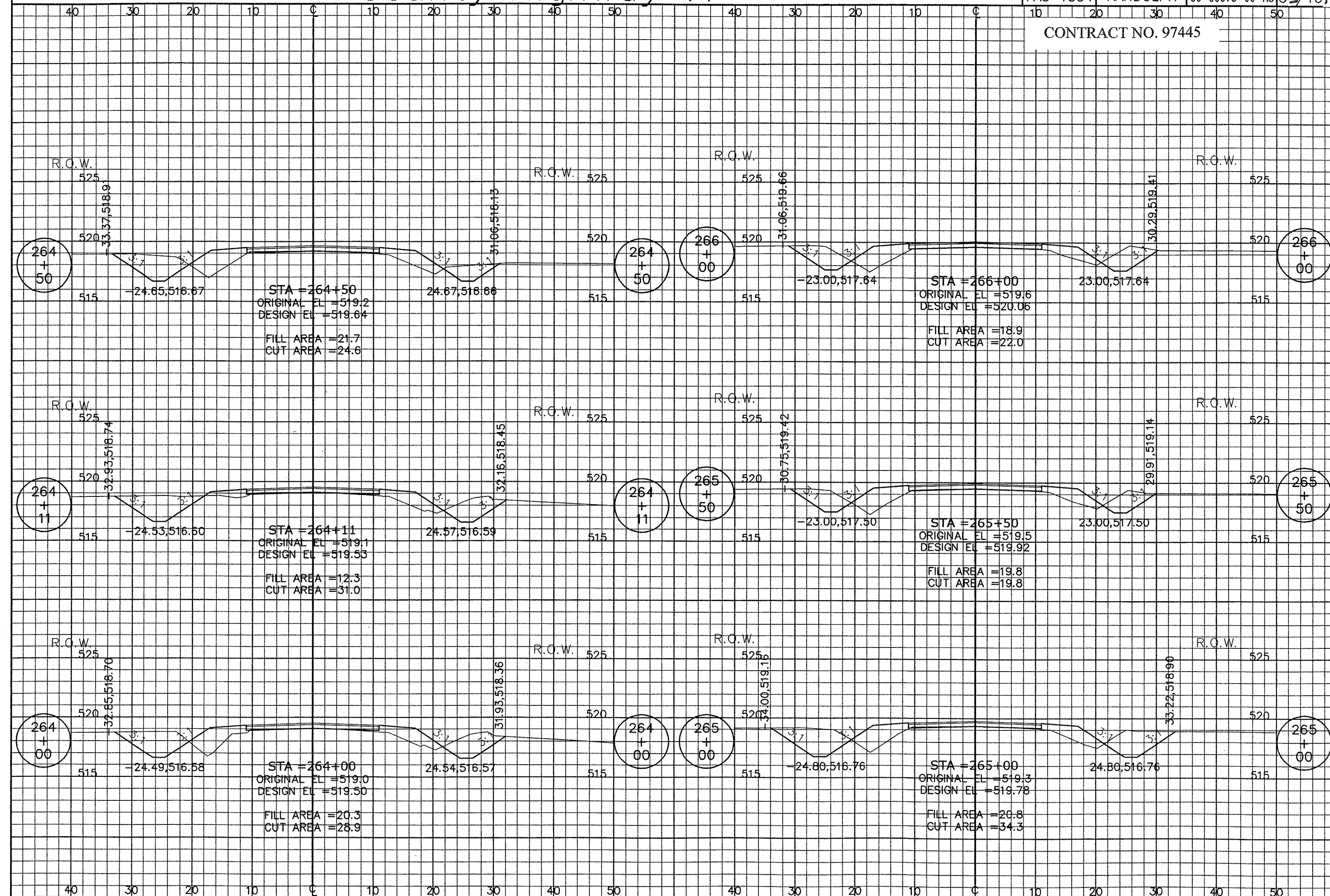
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	33/101

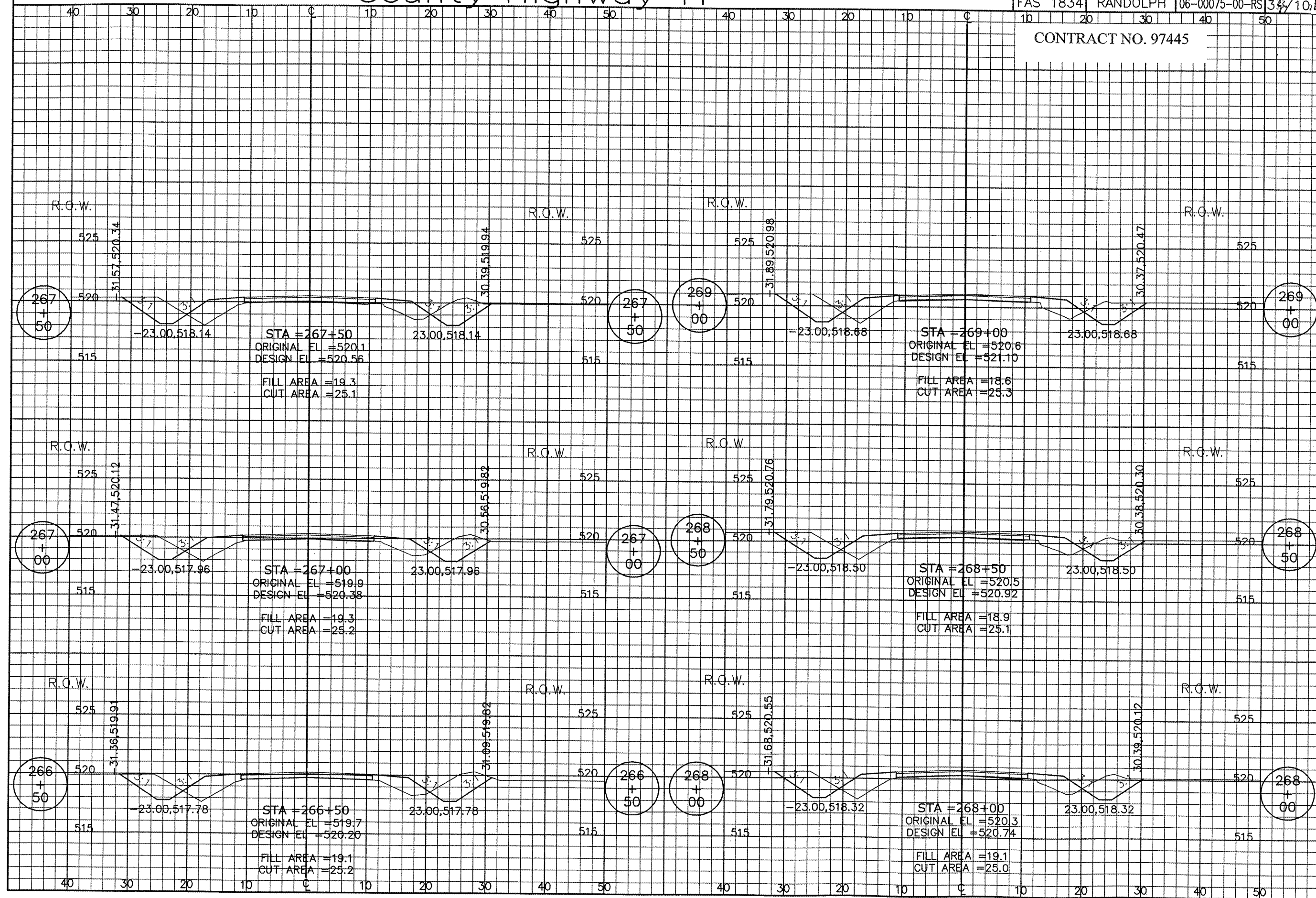
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	34/101

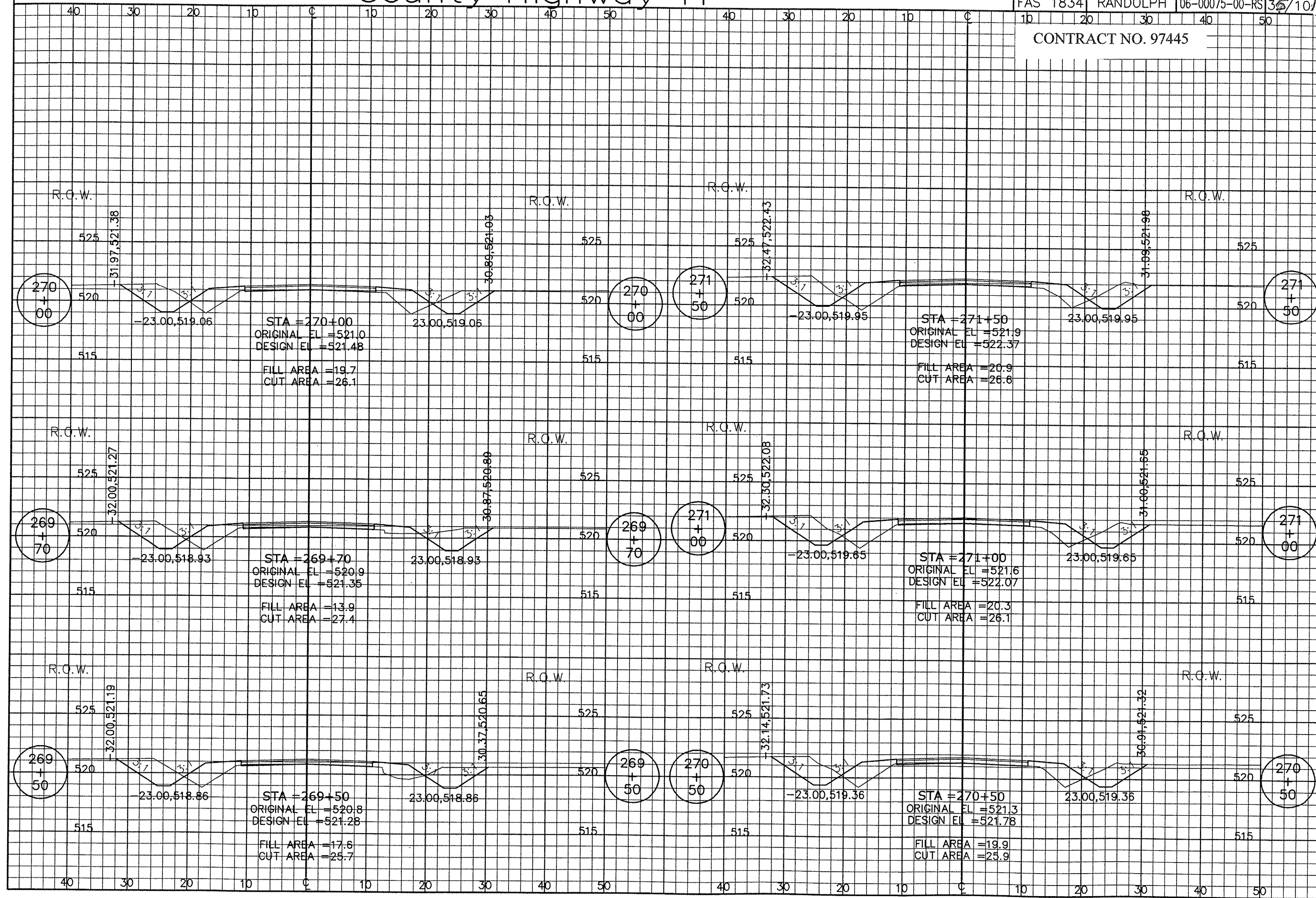
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	35/101

CONTRACT NO. 97445

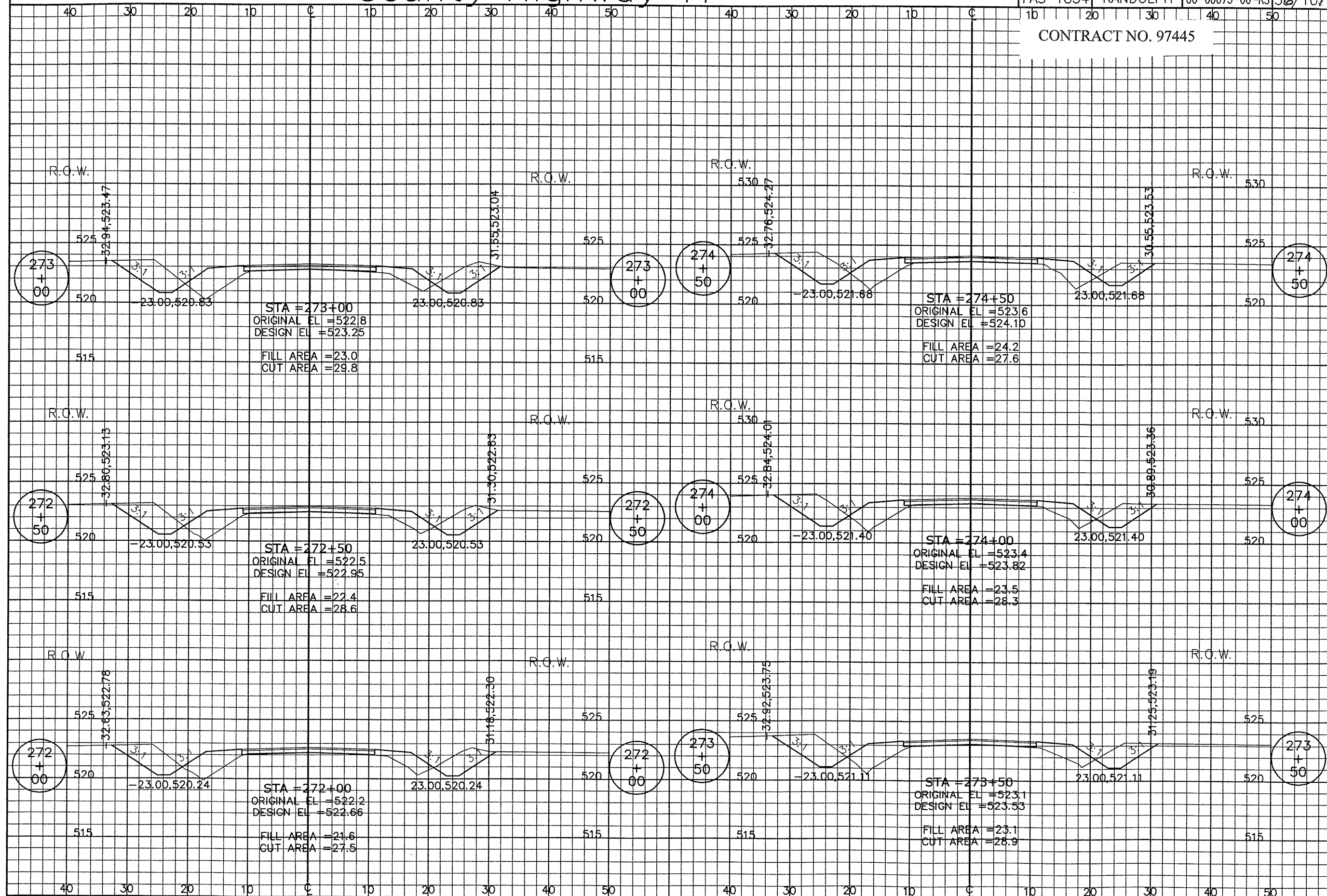


CROSS SECTIONS STA. 269+50 TO STA. 271+50

County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	36/101

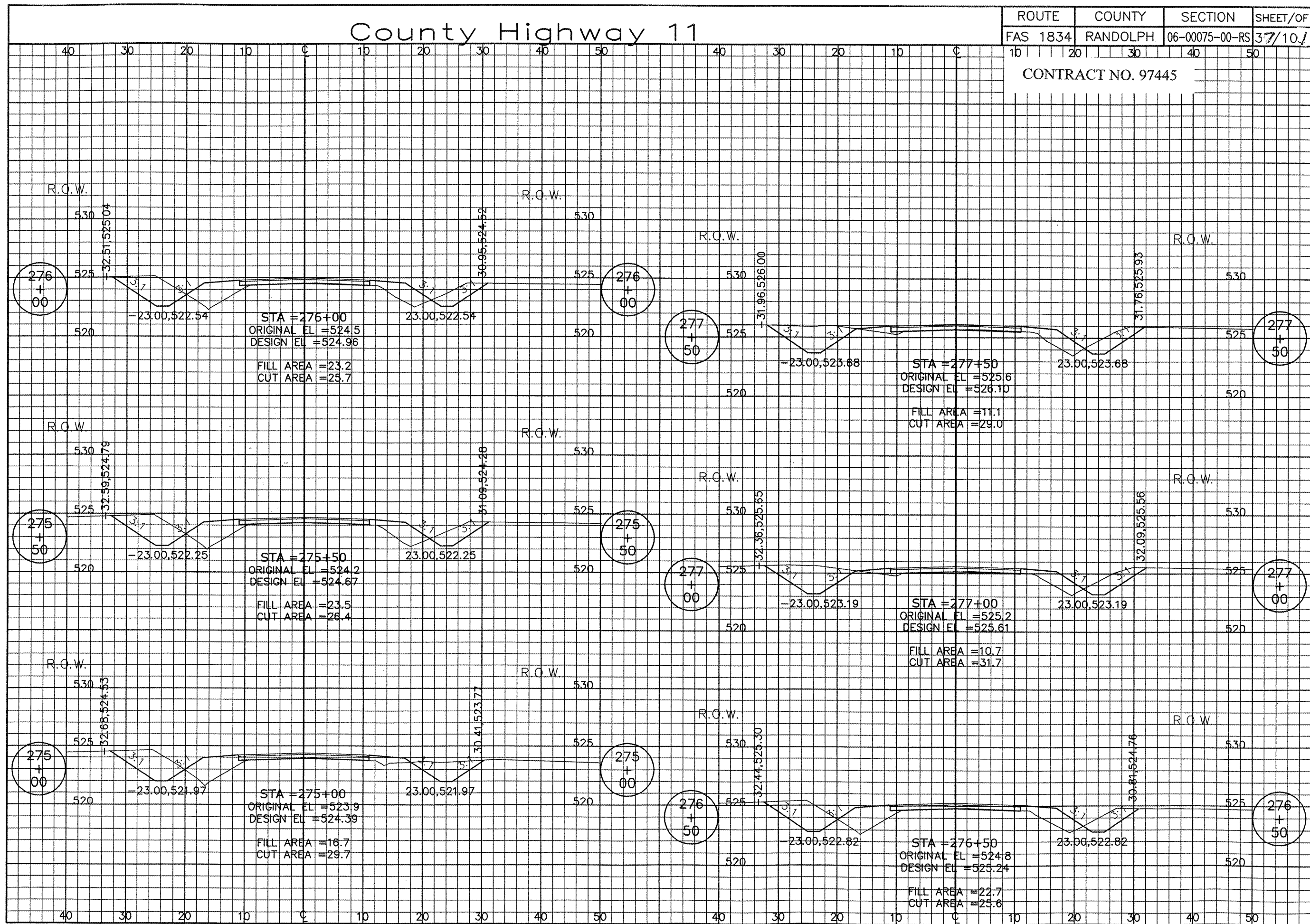
CONTRACT NO. 97445



County Highway 11

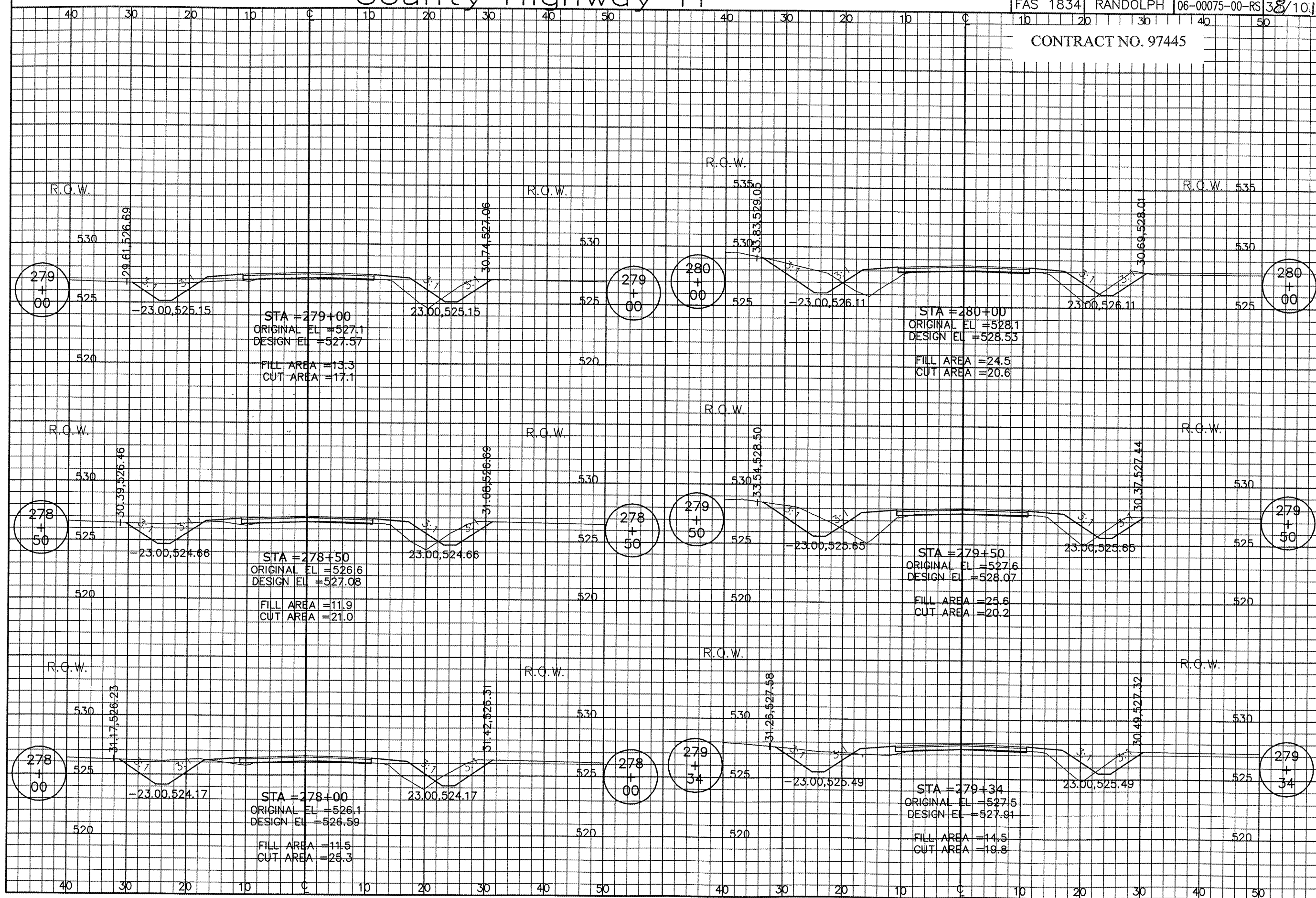
ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	37/104

CONTRACT NO. 97445



County Highway 11

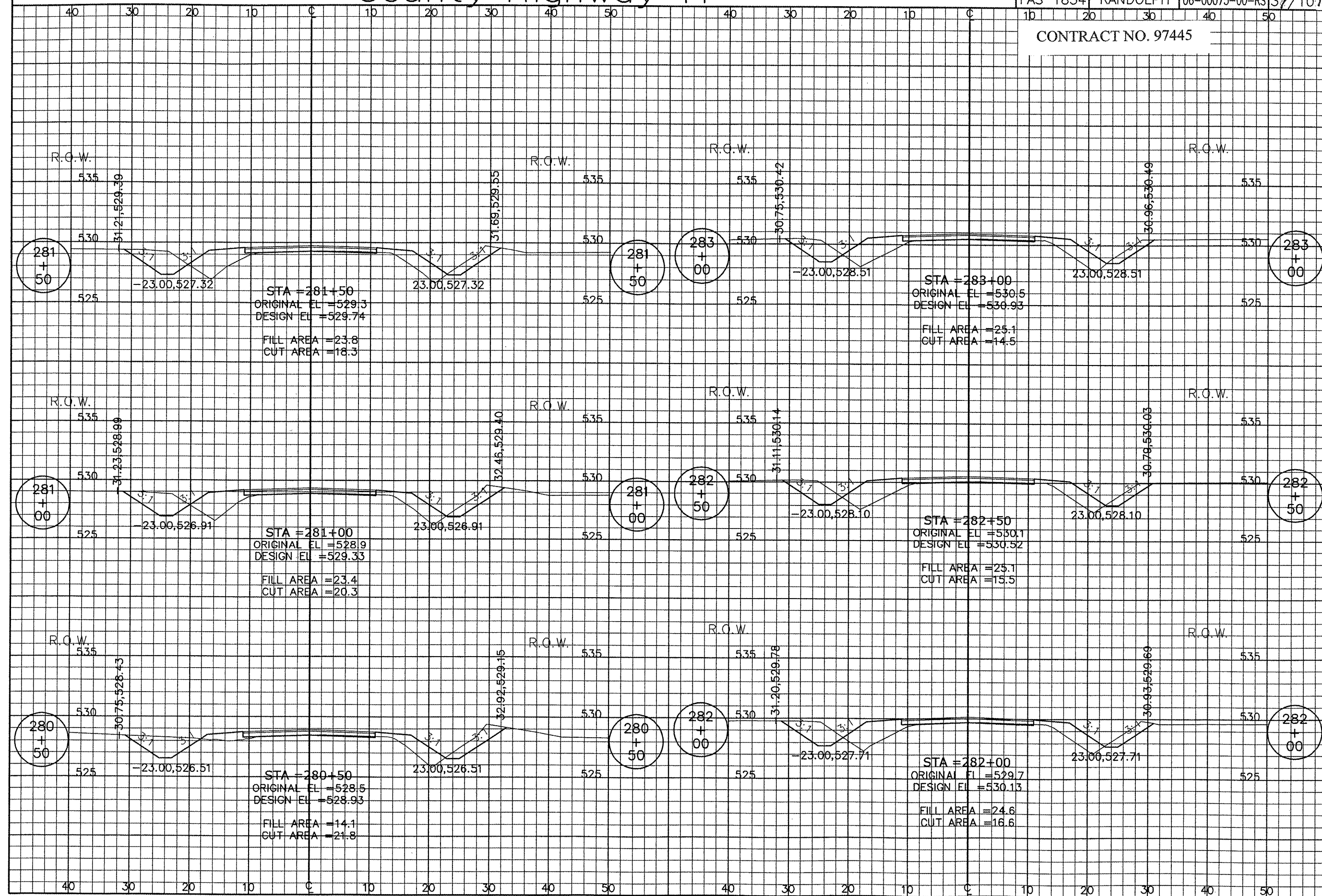
ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	38/101
CONTRACT NO. 97445			



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	39/101

CONTRACT NO. 97445

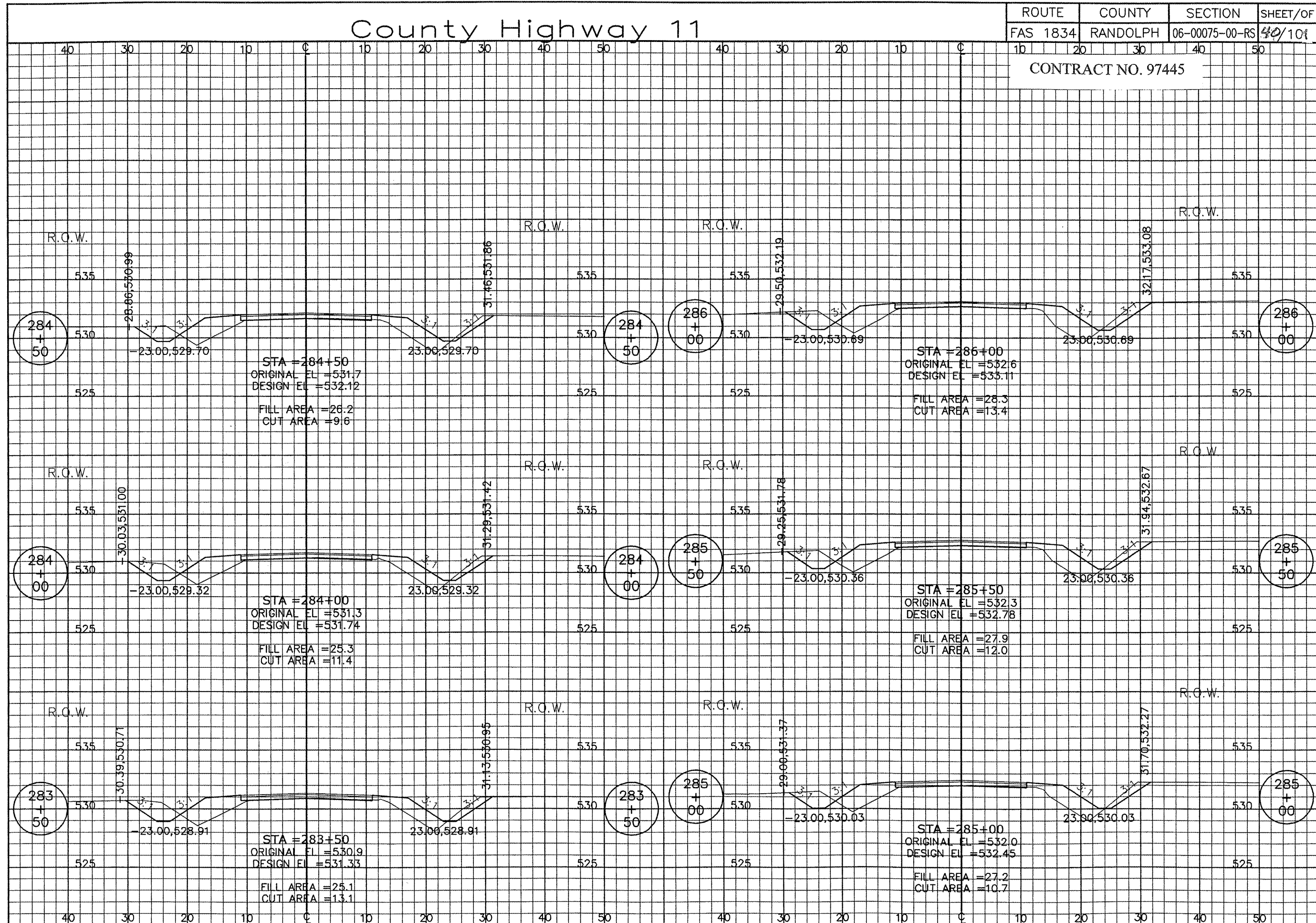


CROSS SECTIONS STA. 280+50 TO STA. 283+00

County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	40/104

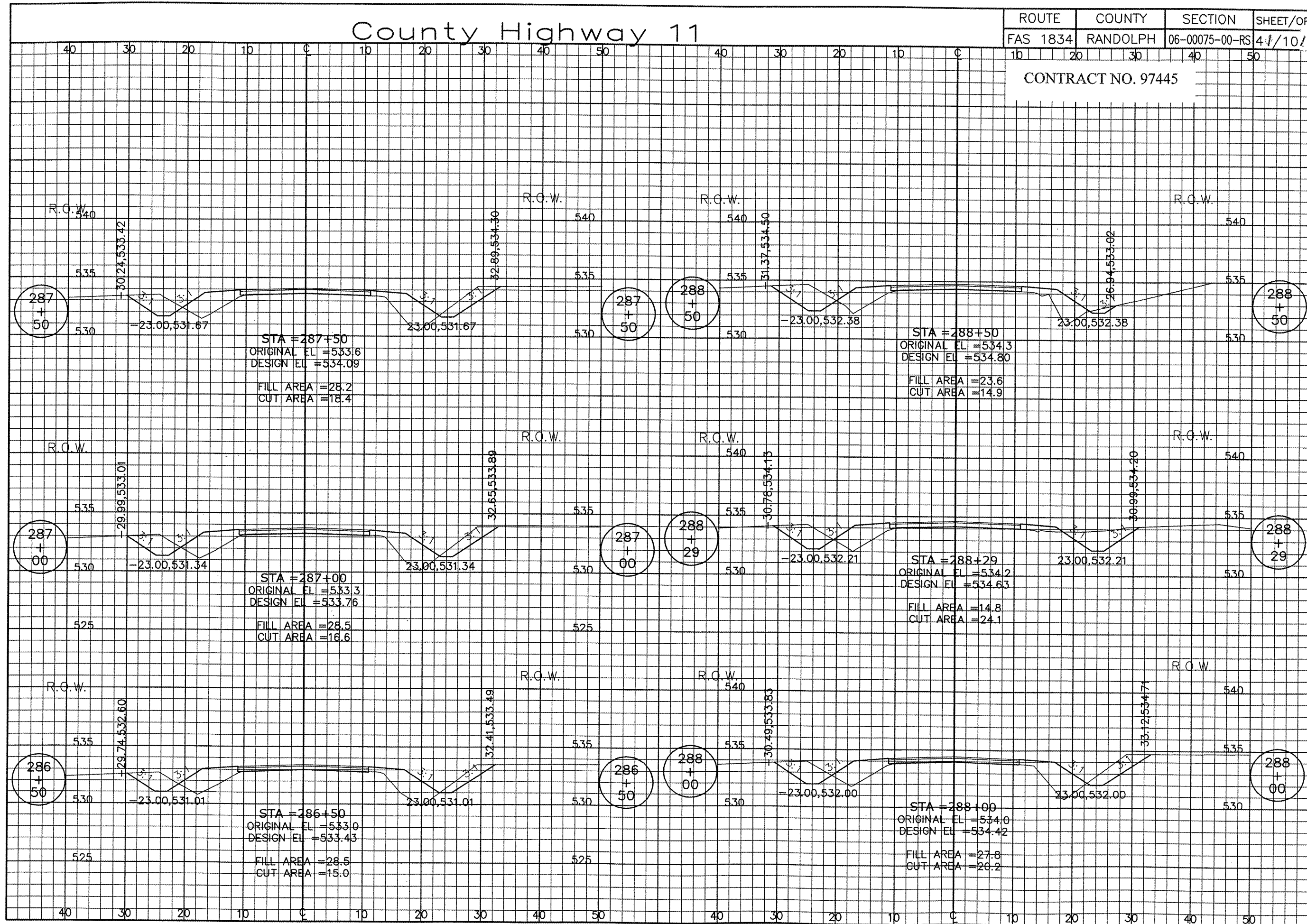
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	44/101

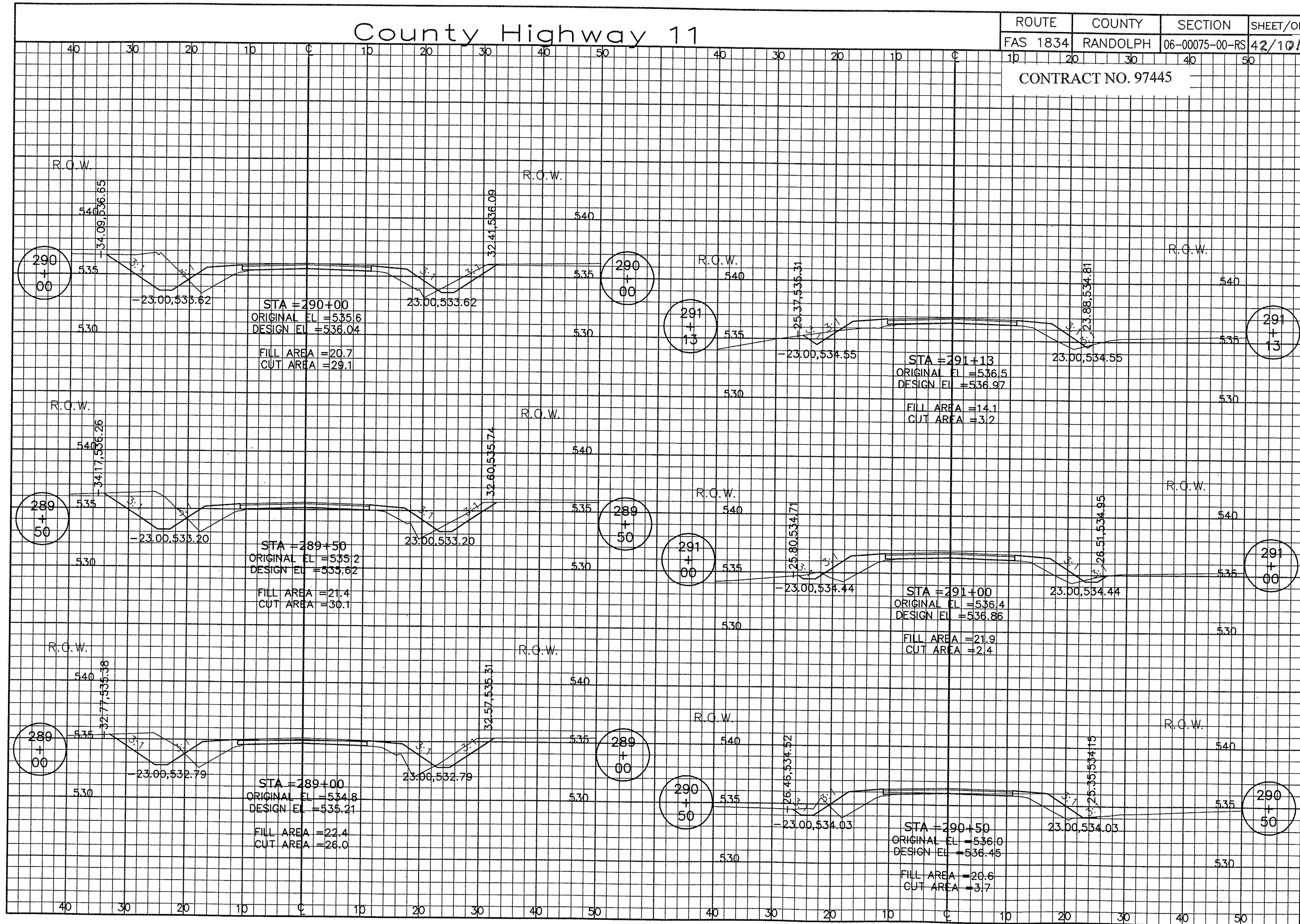
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	42/101

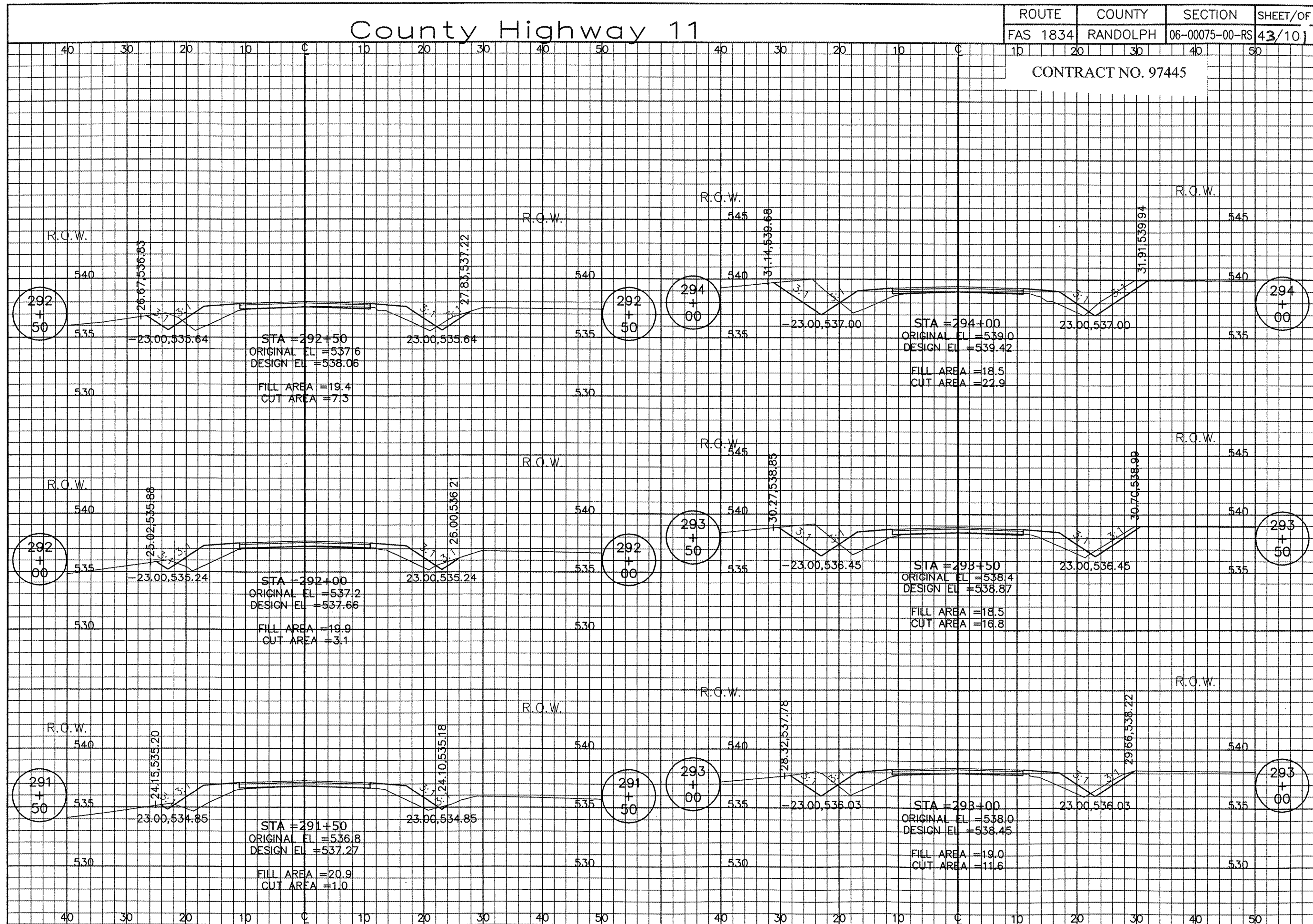
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	43/101

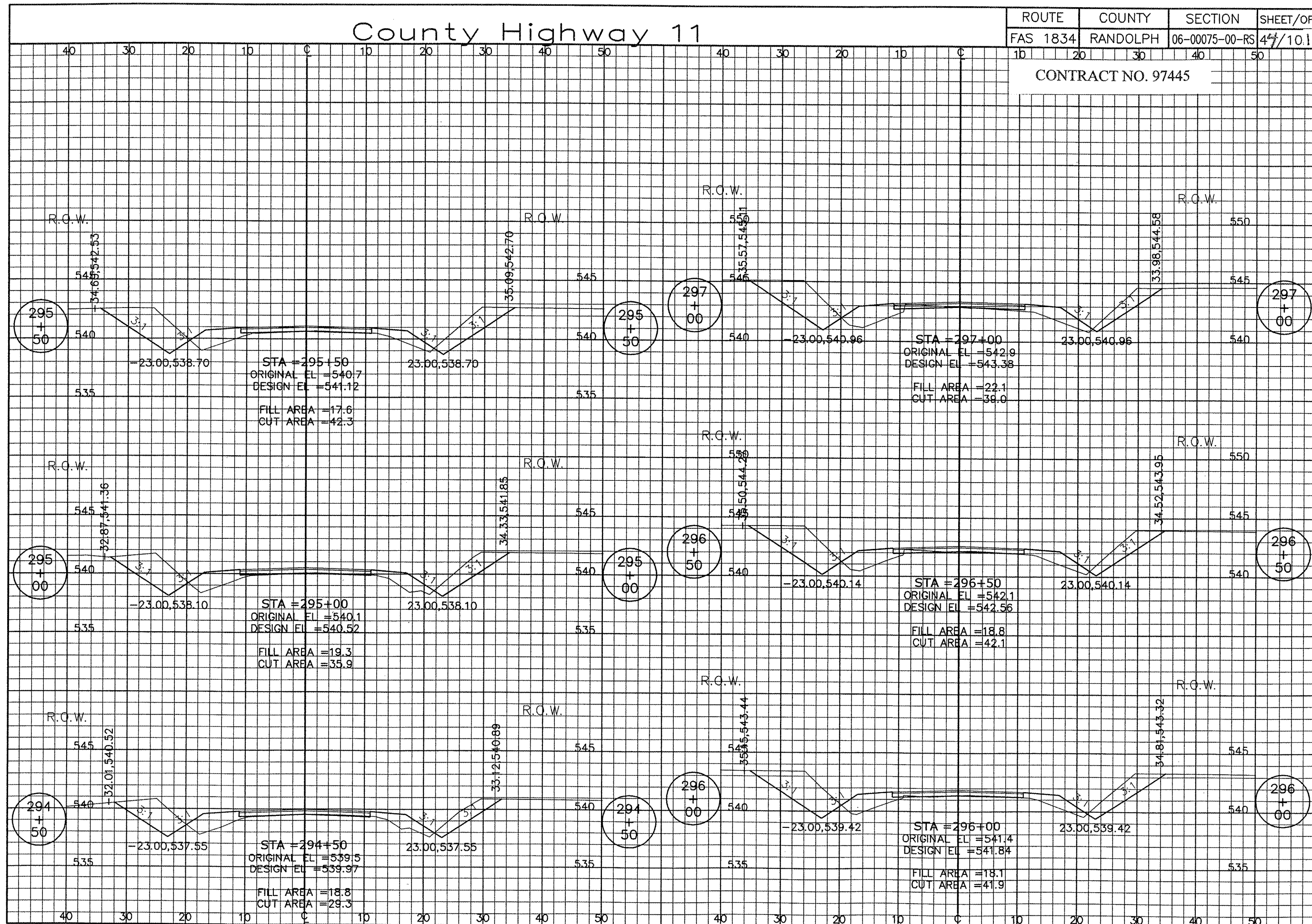
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	44/101

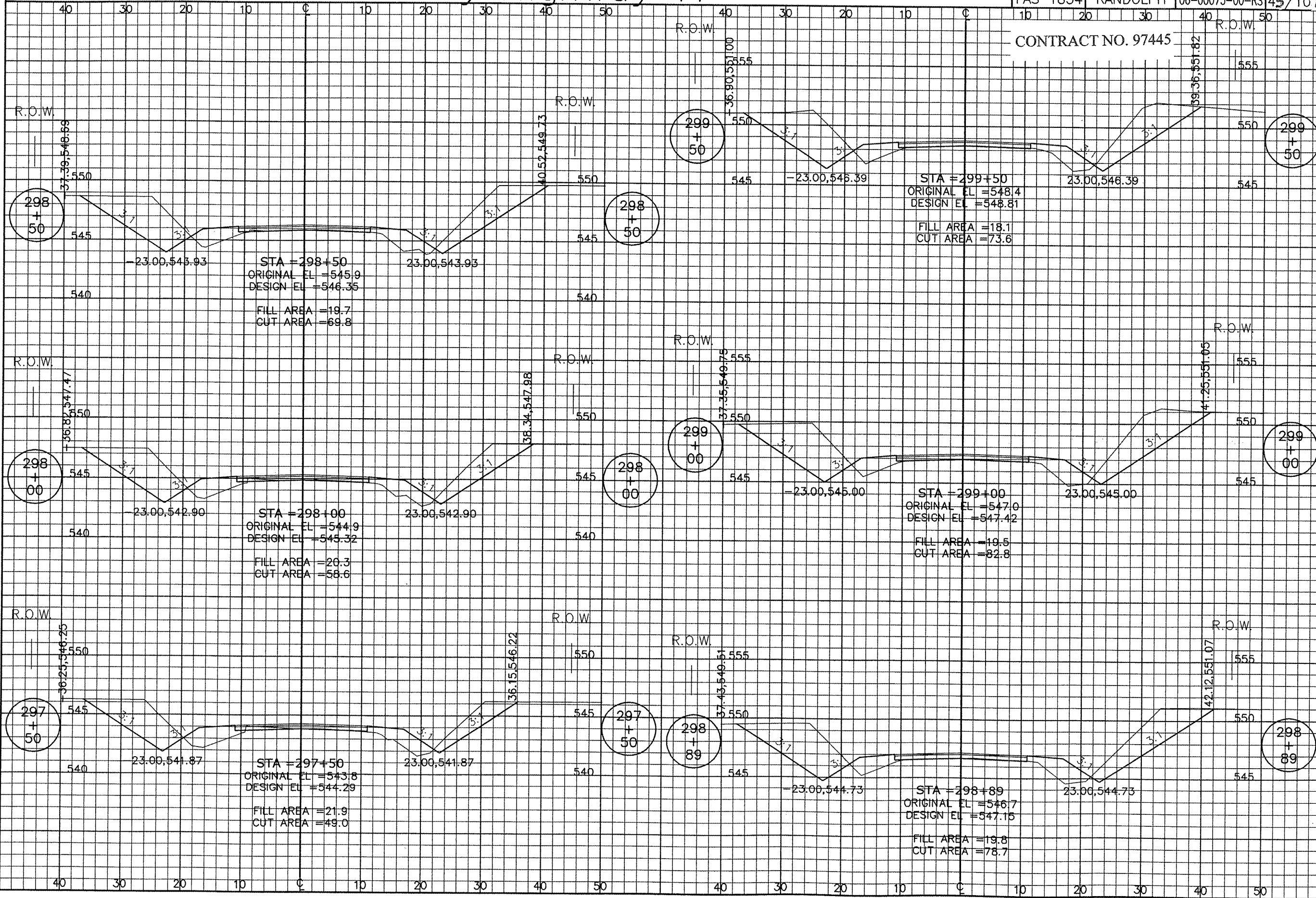
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	45/101

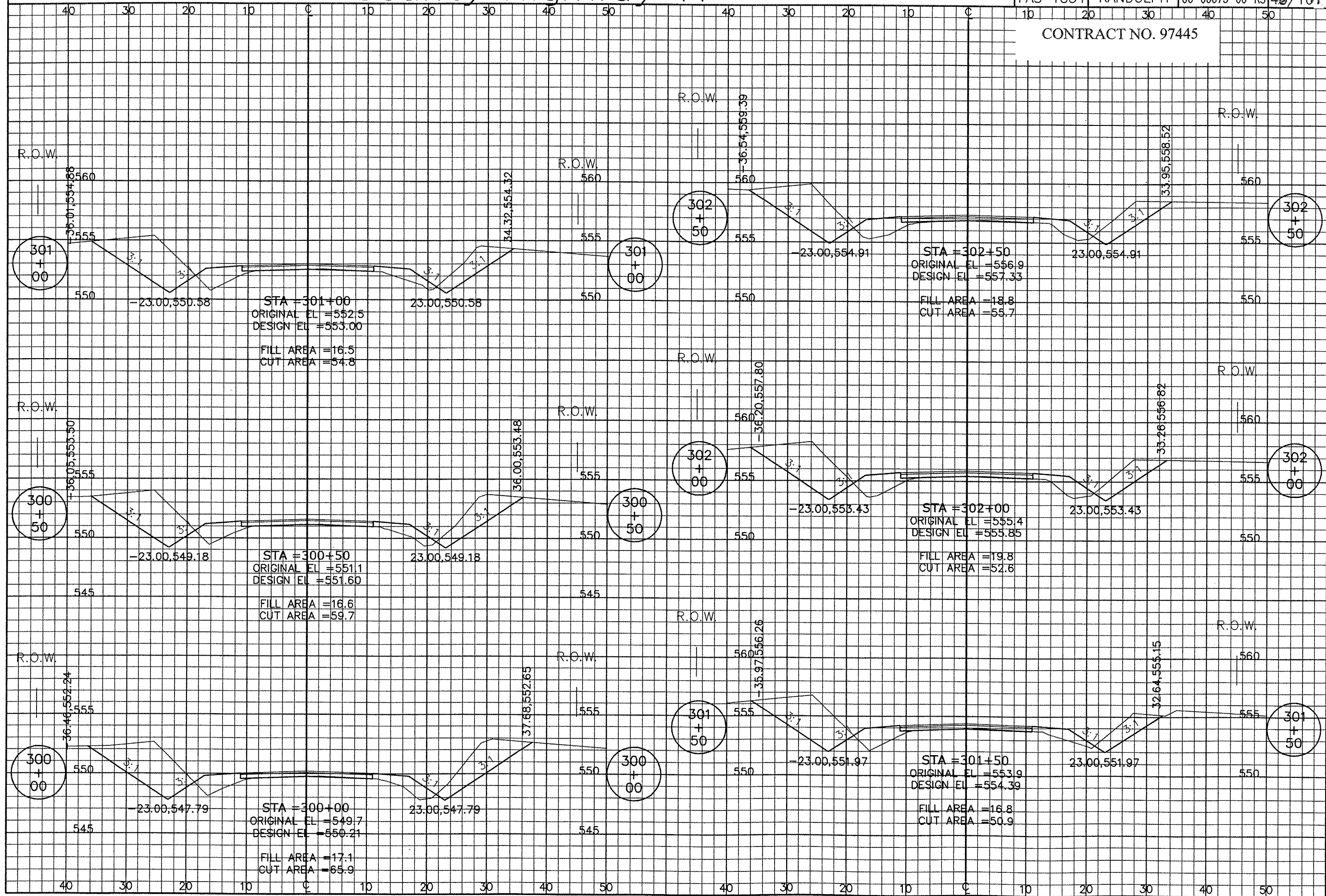
CONTRACT NO. 97445



CROSS SECTIONS STA. 297+50 TO STA. 299+50

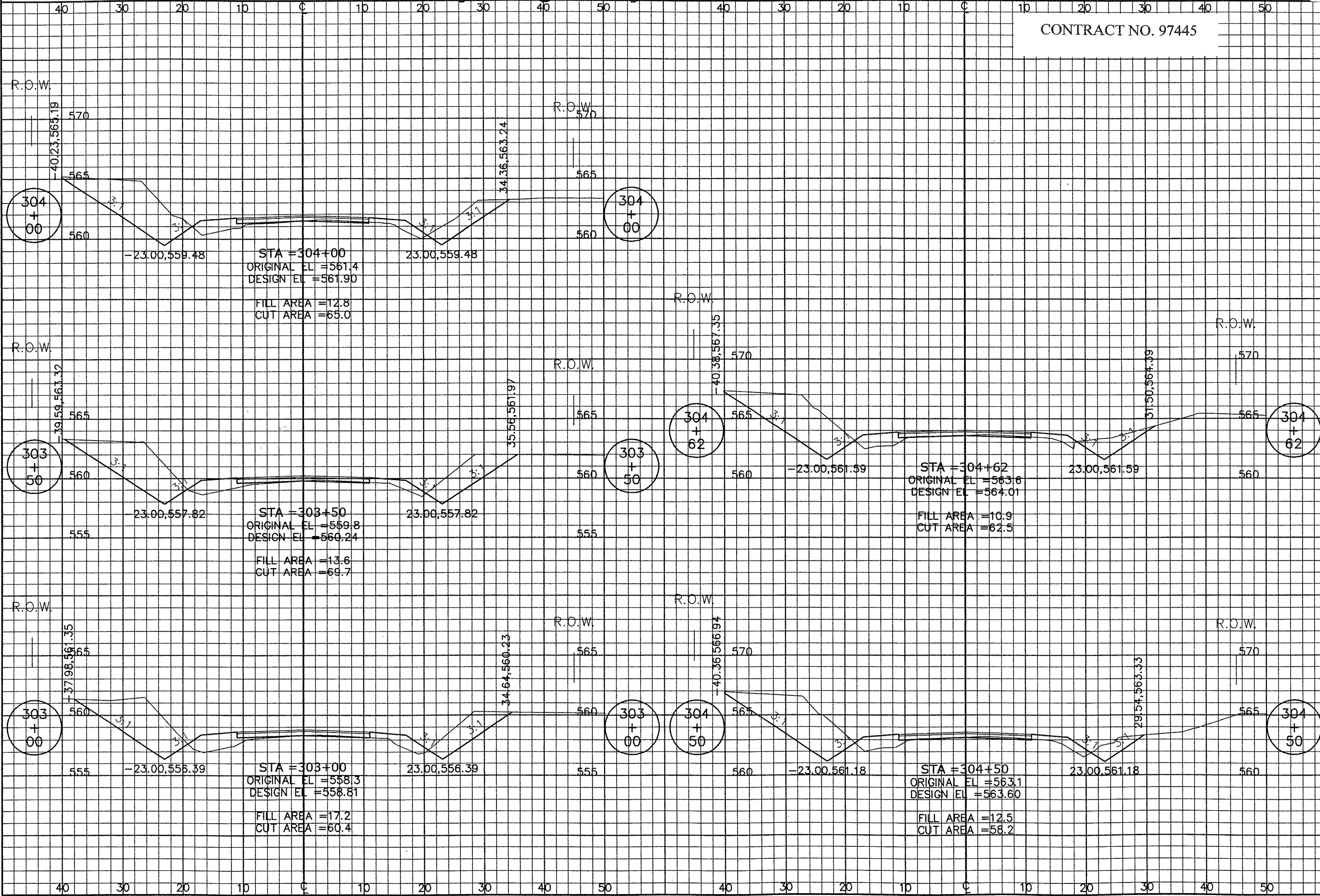
County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	46/101
CONTRACT NO. 97445			



County Highway 11

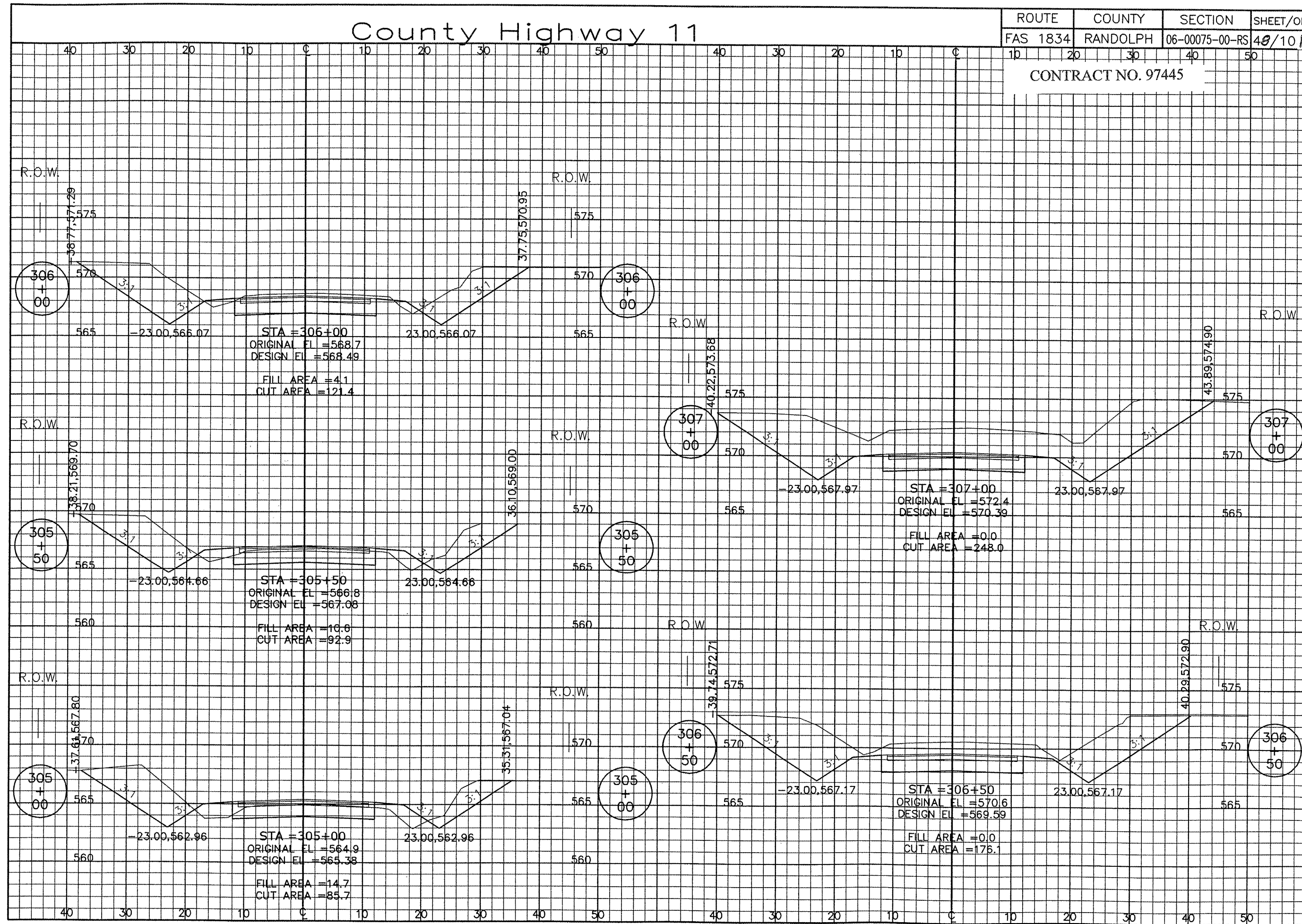
ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	47/104
CONTRACT NO. 97445			



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	48/101

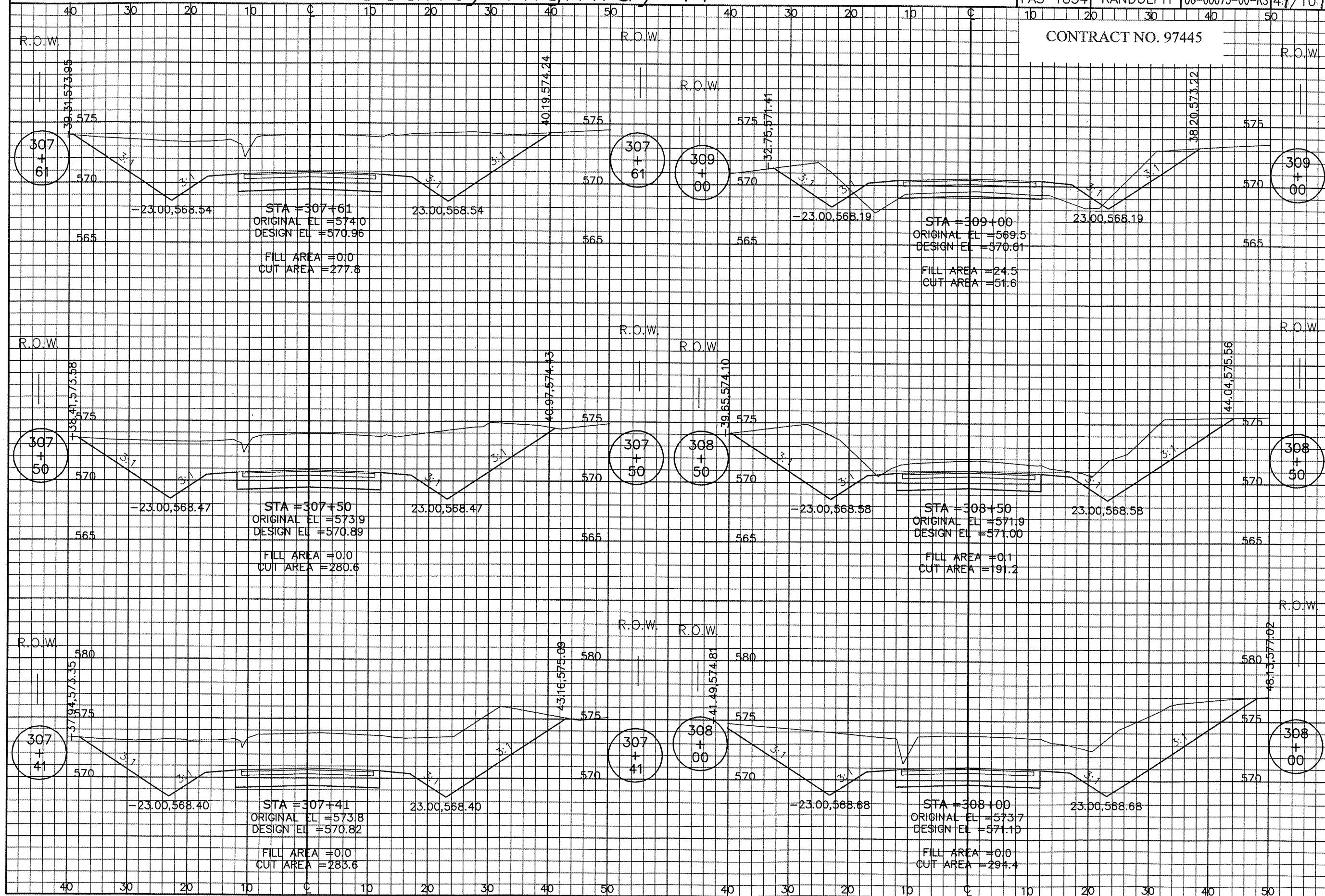
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	49/101

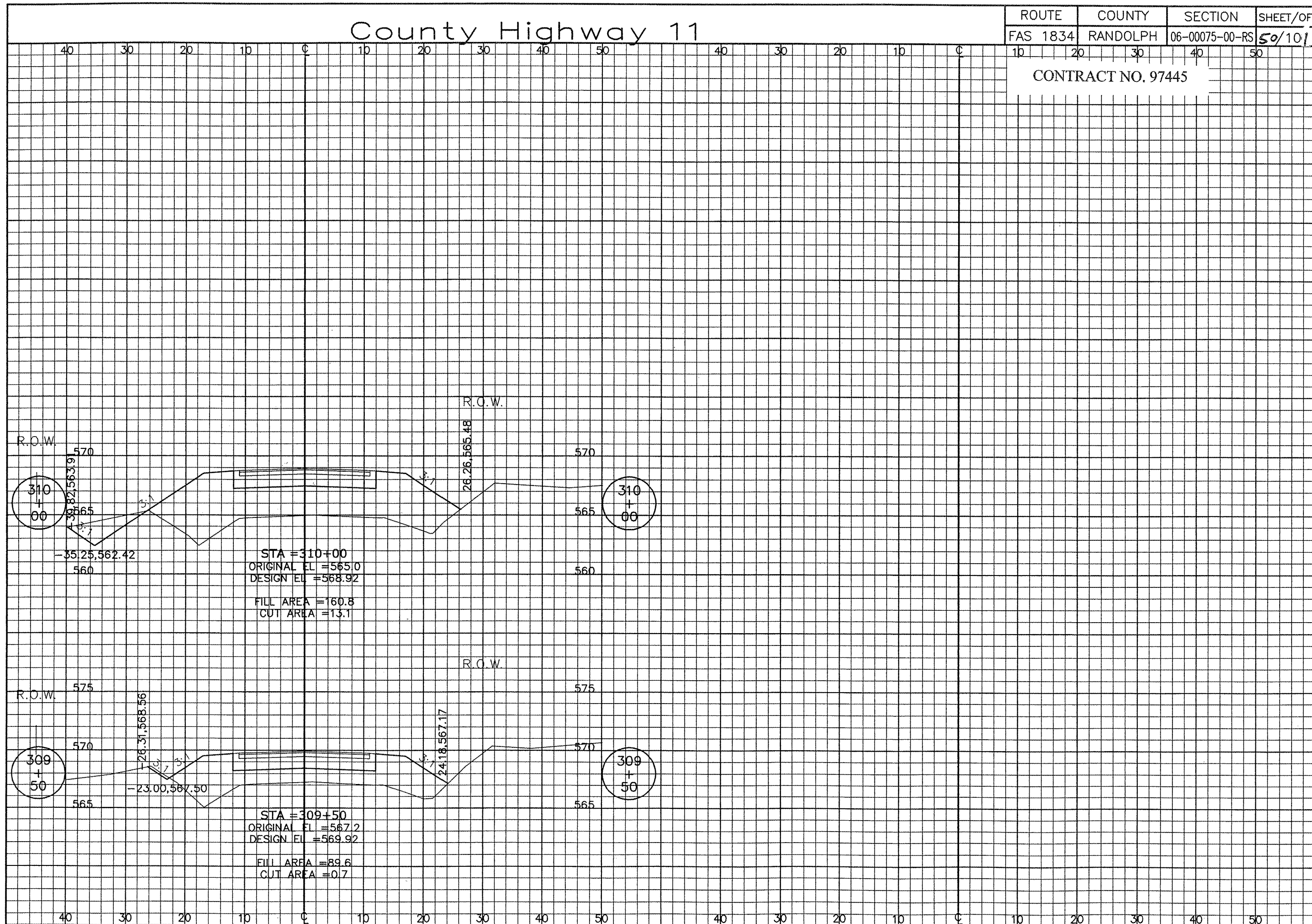
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	50/101

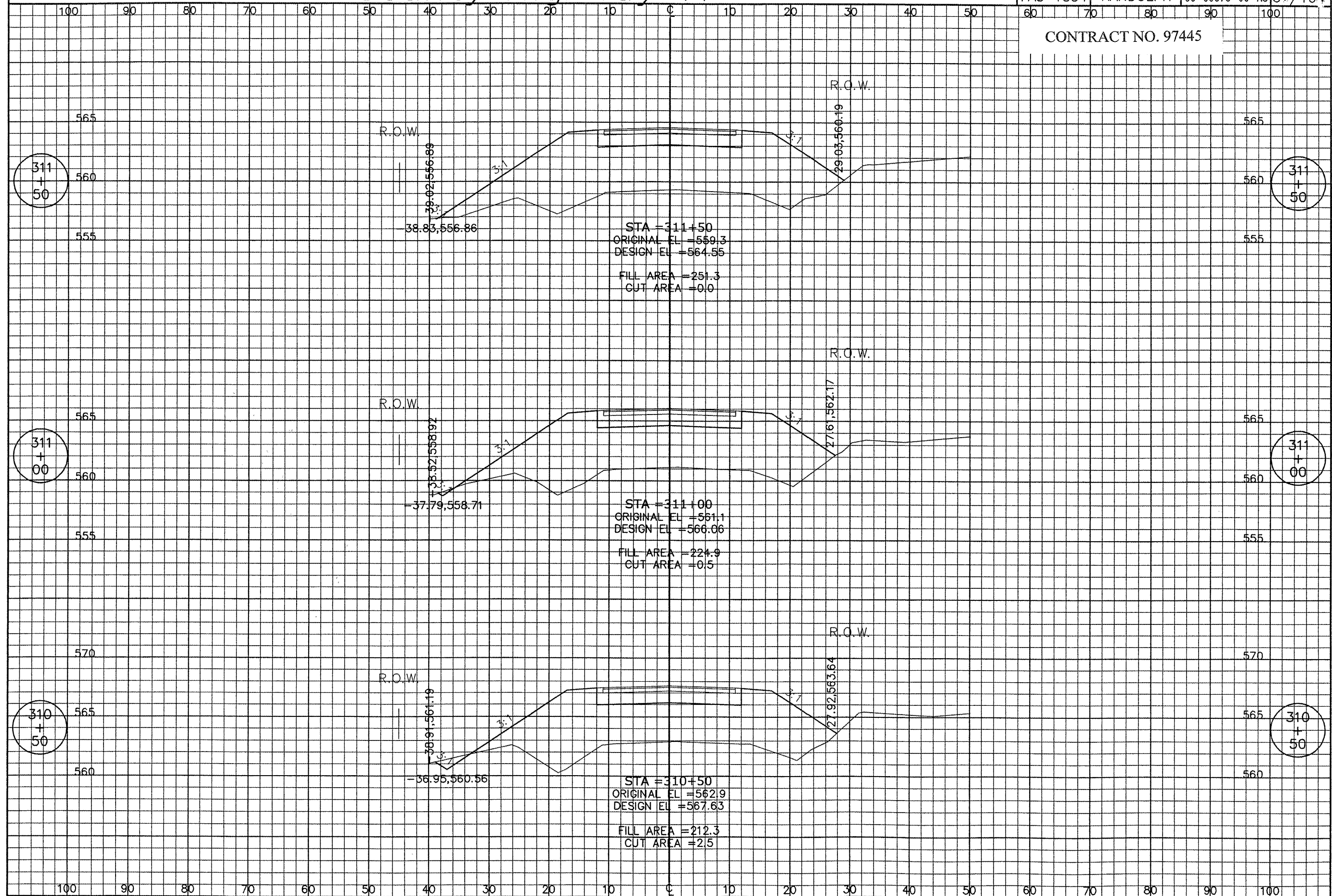
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	51/101

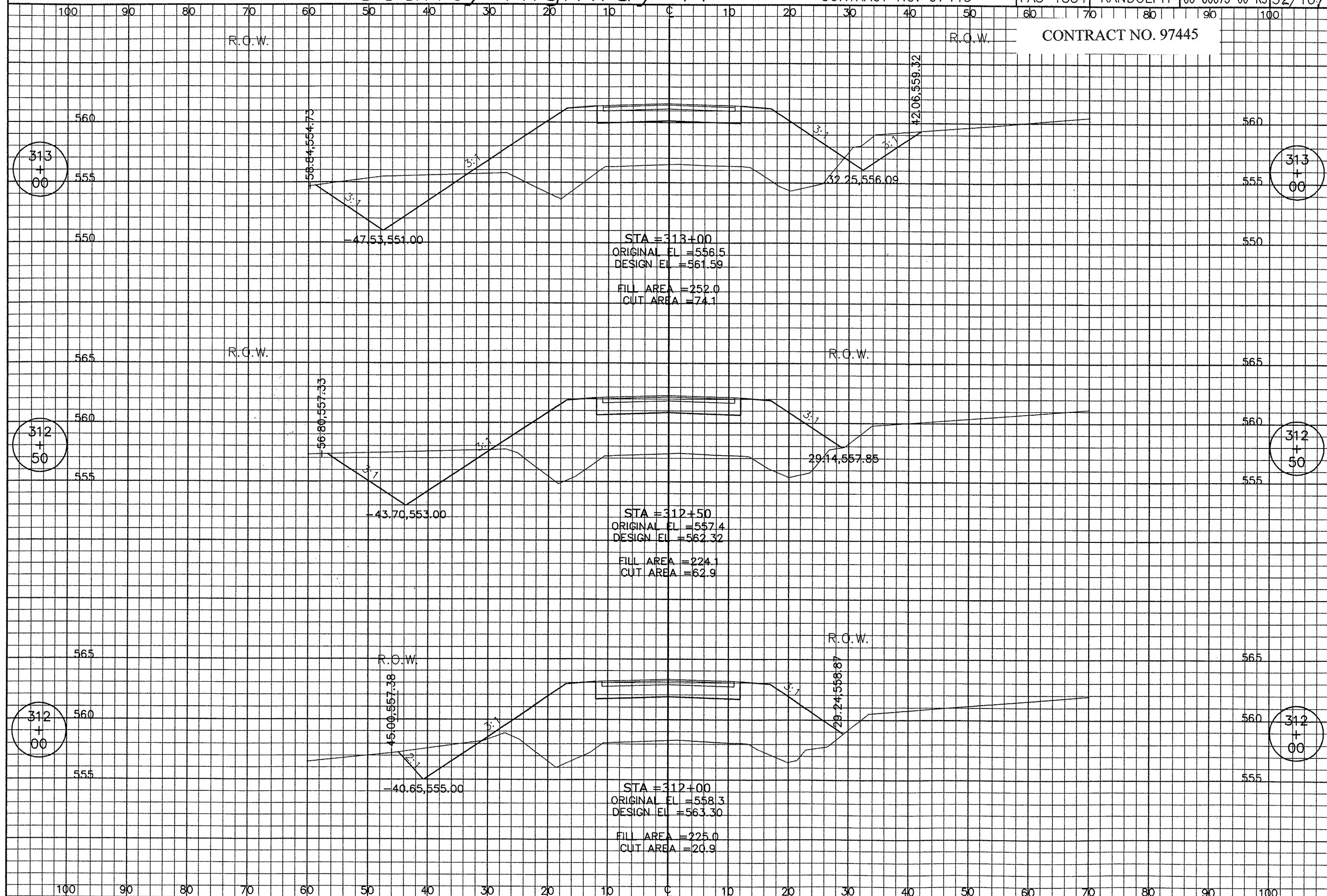
CONTRACT NO. 97445



County Highway 11

CONTRACT NO. 97445

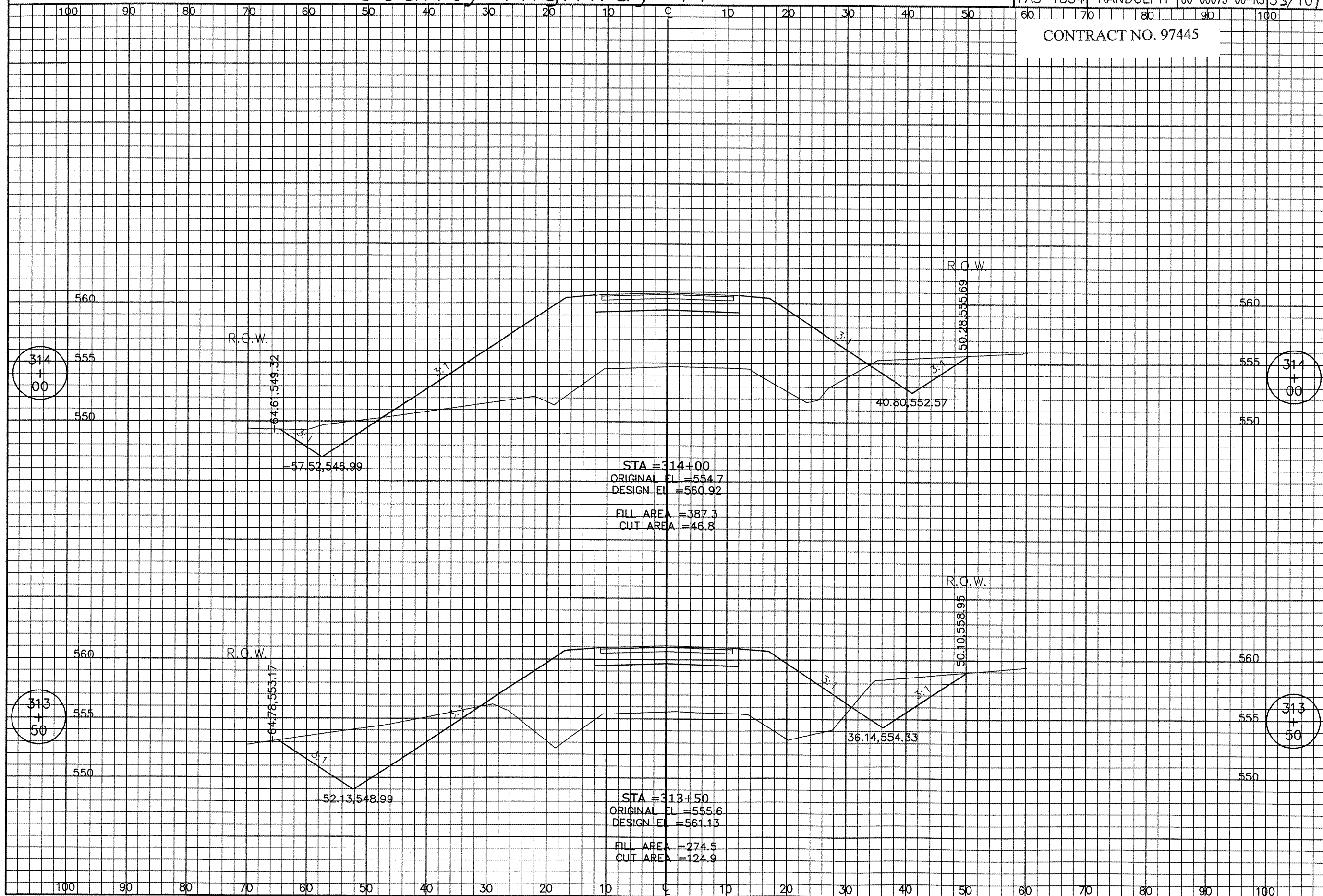
ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-0075-00-RS	52/10/



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	53/101

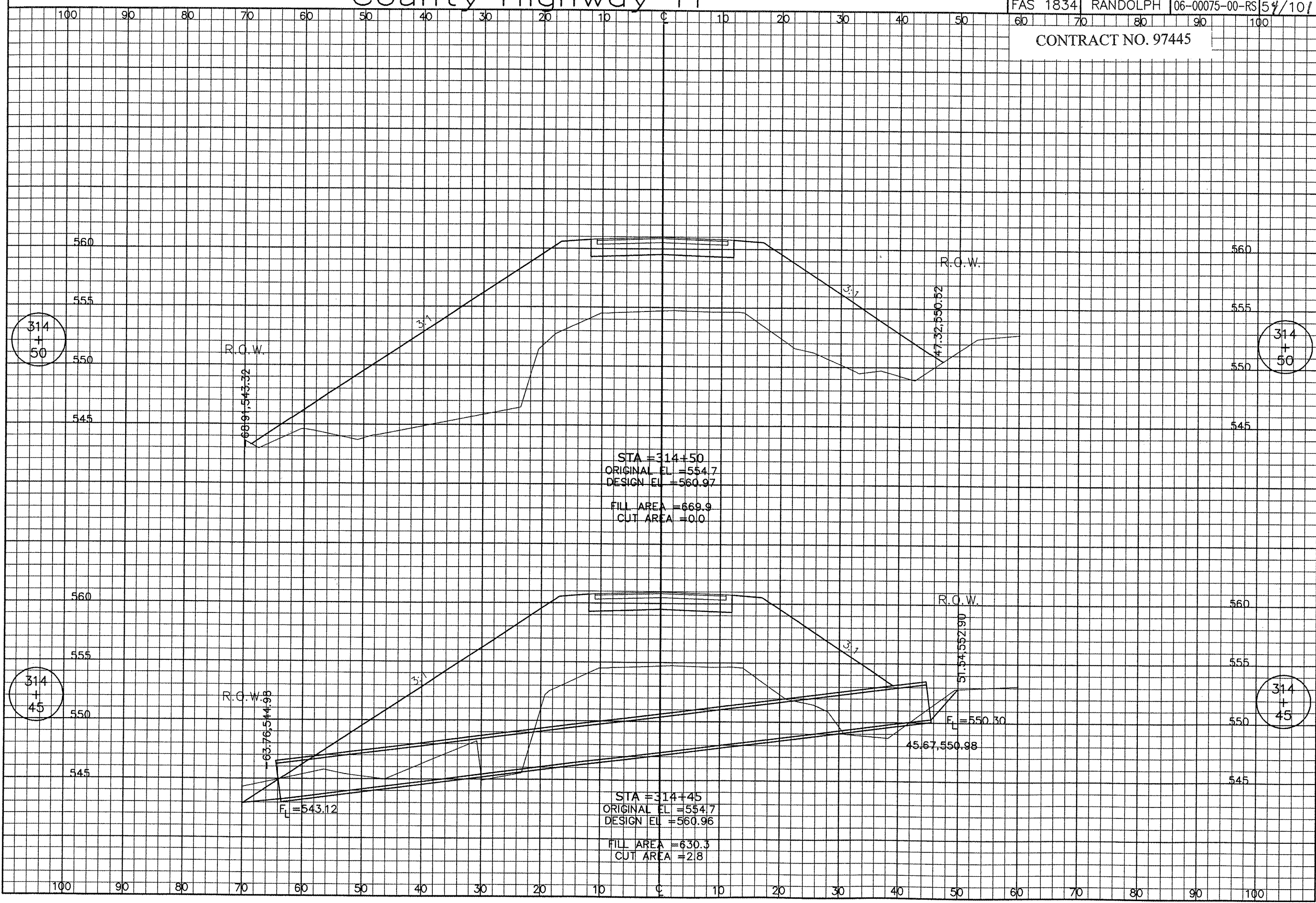
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	54/101

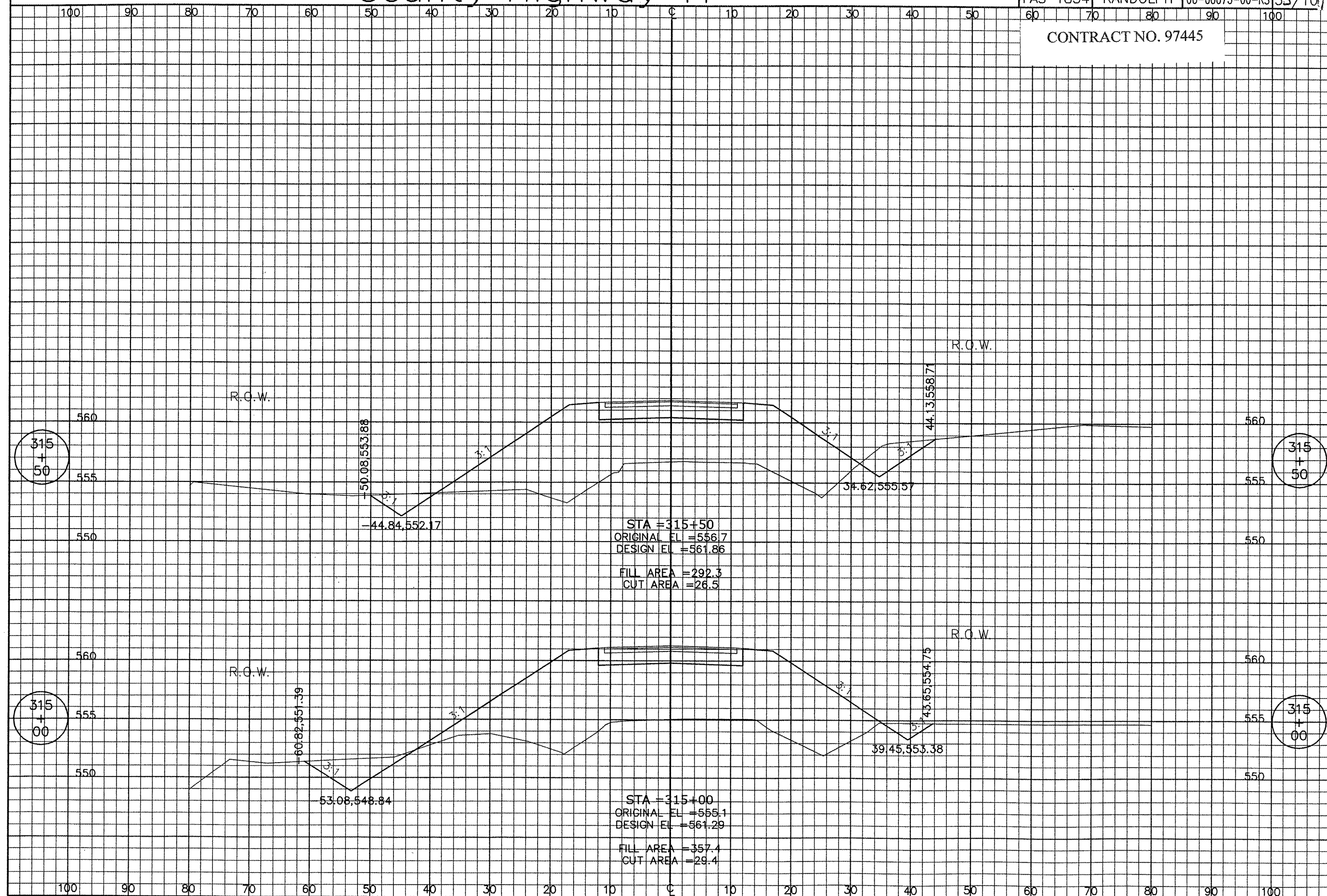
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	55/100

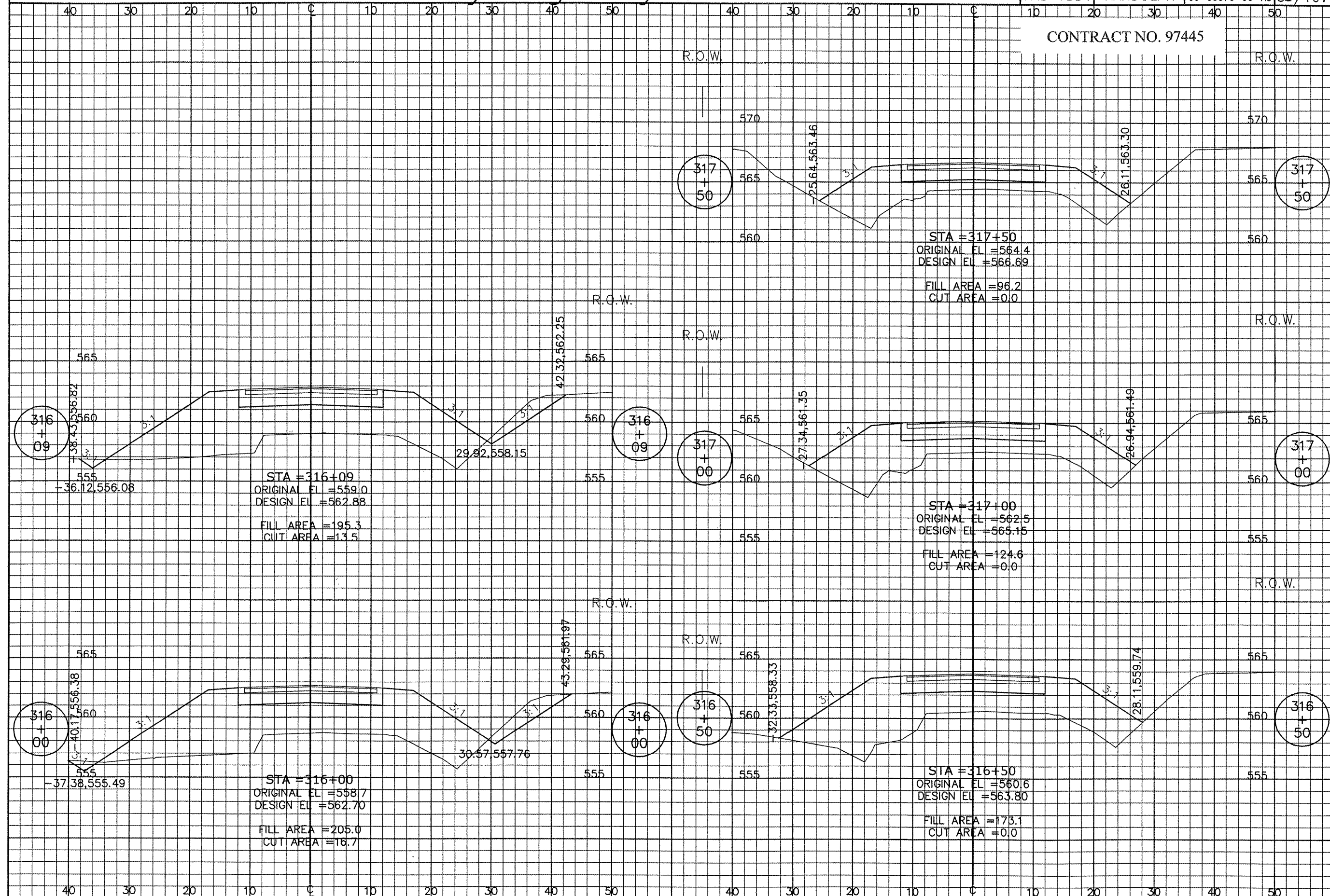
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	56/101

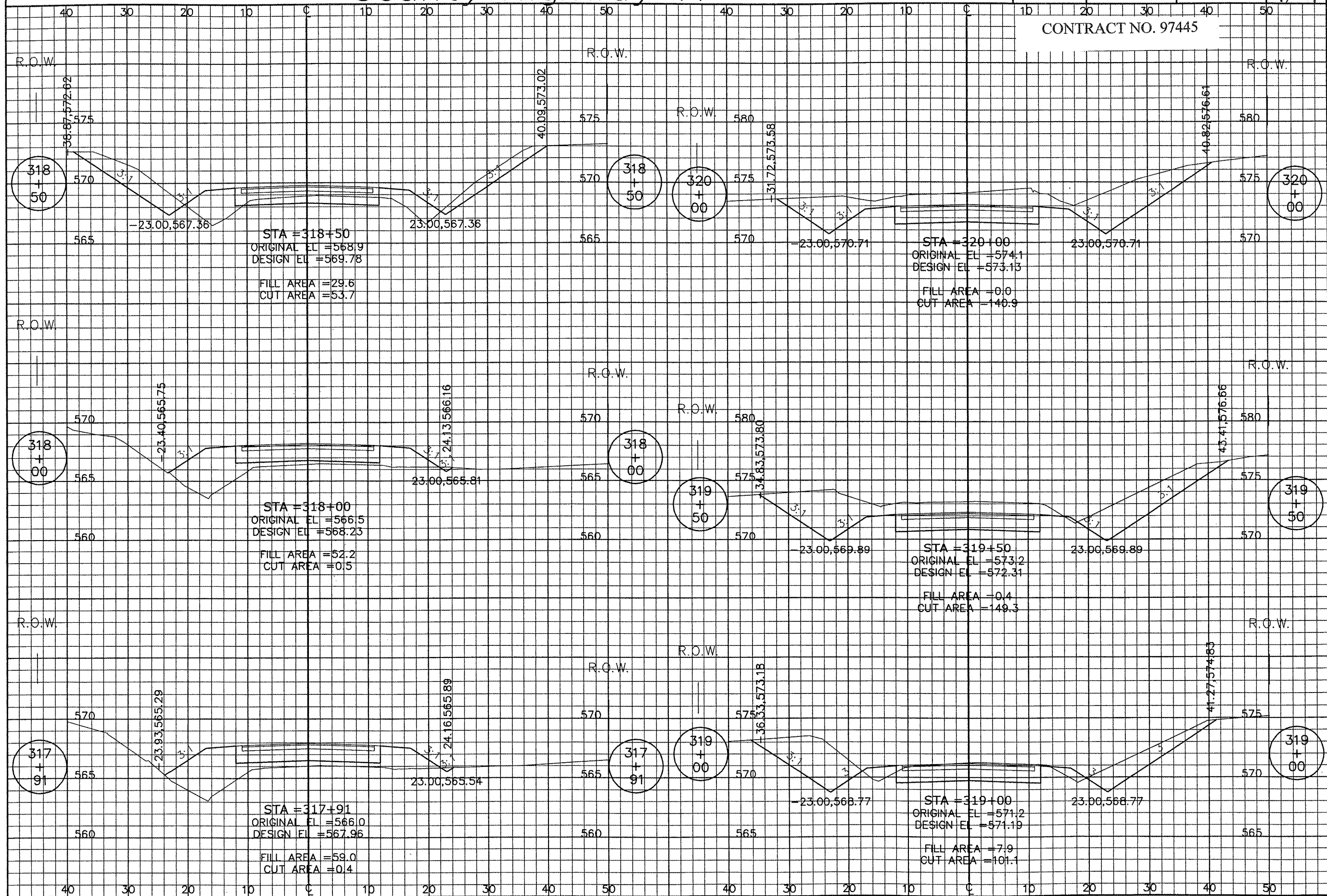
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	57/101

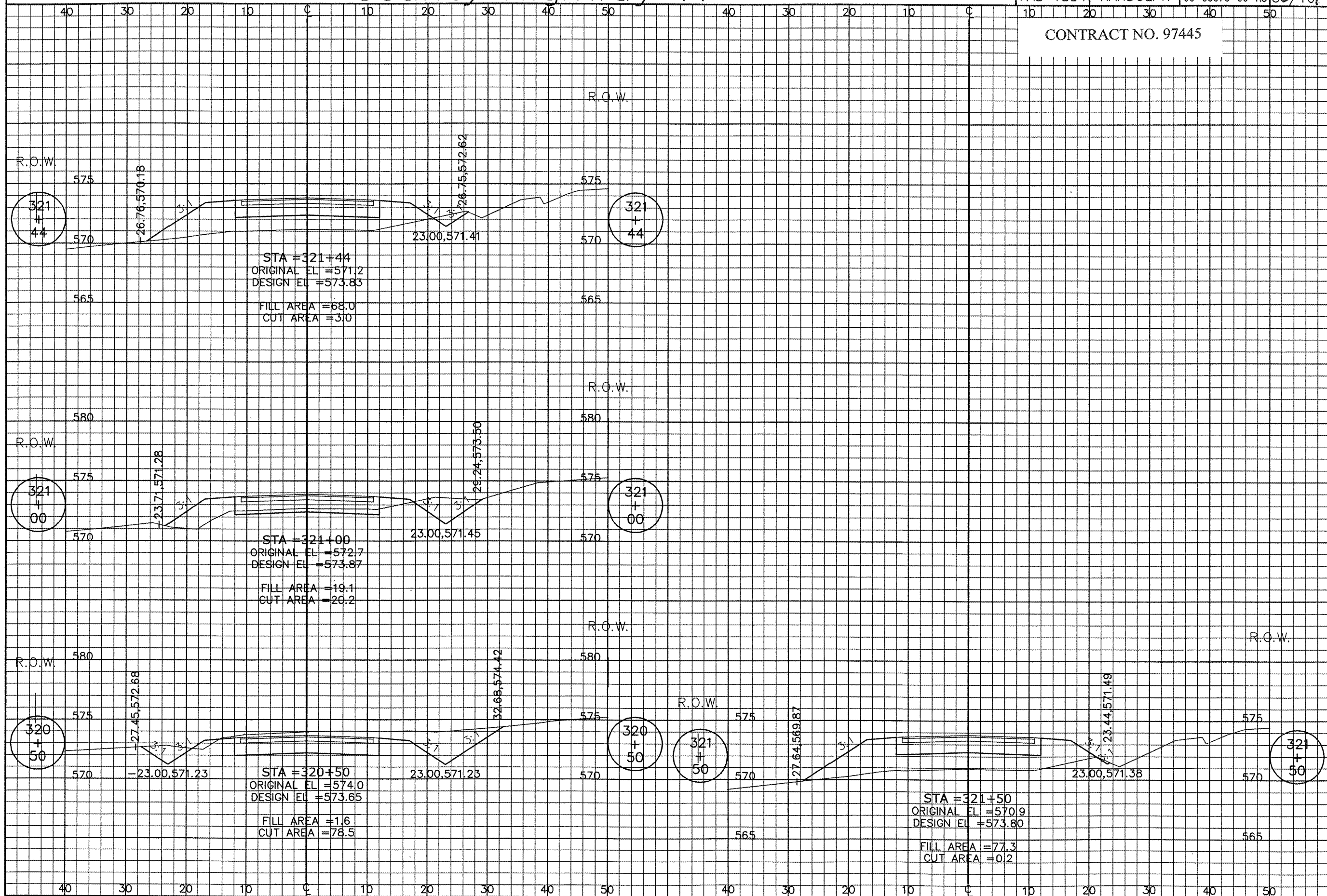
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	58/101

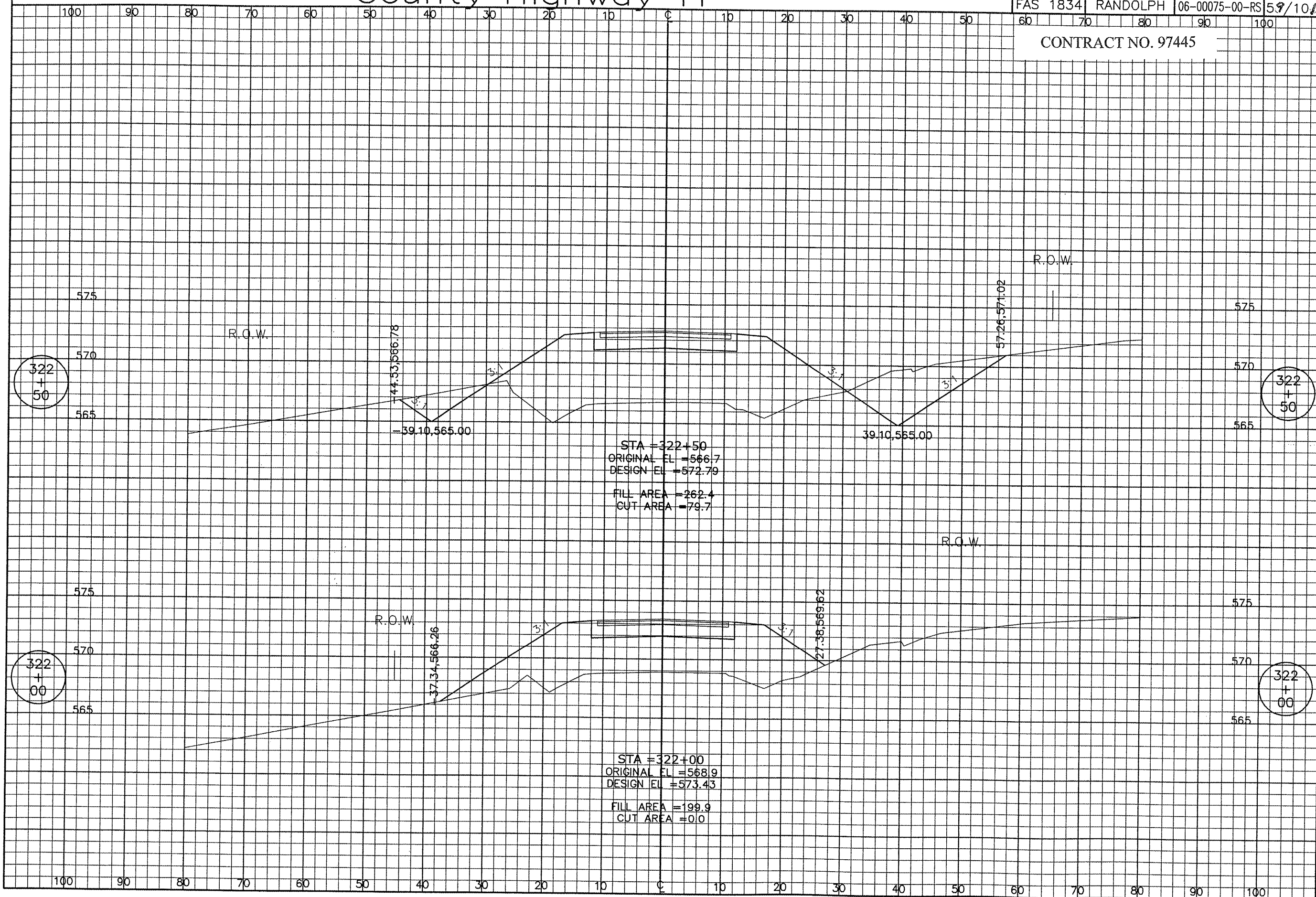
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	59/101

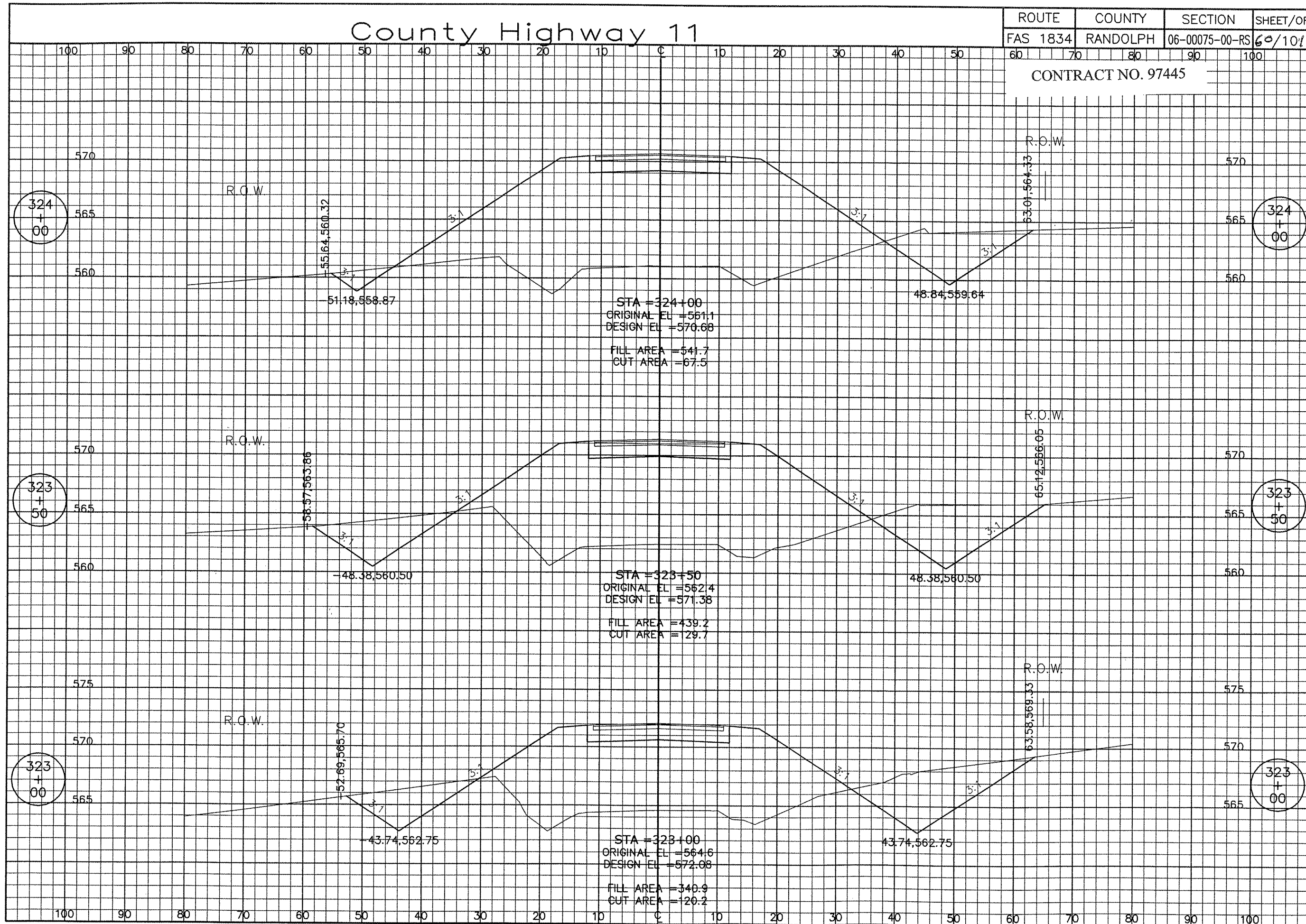
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
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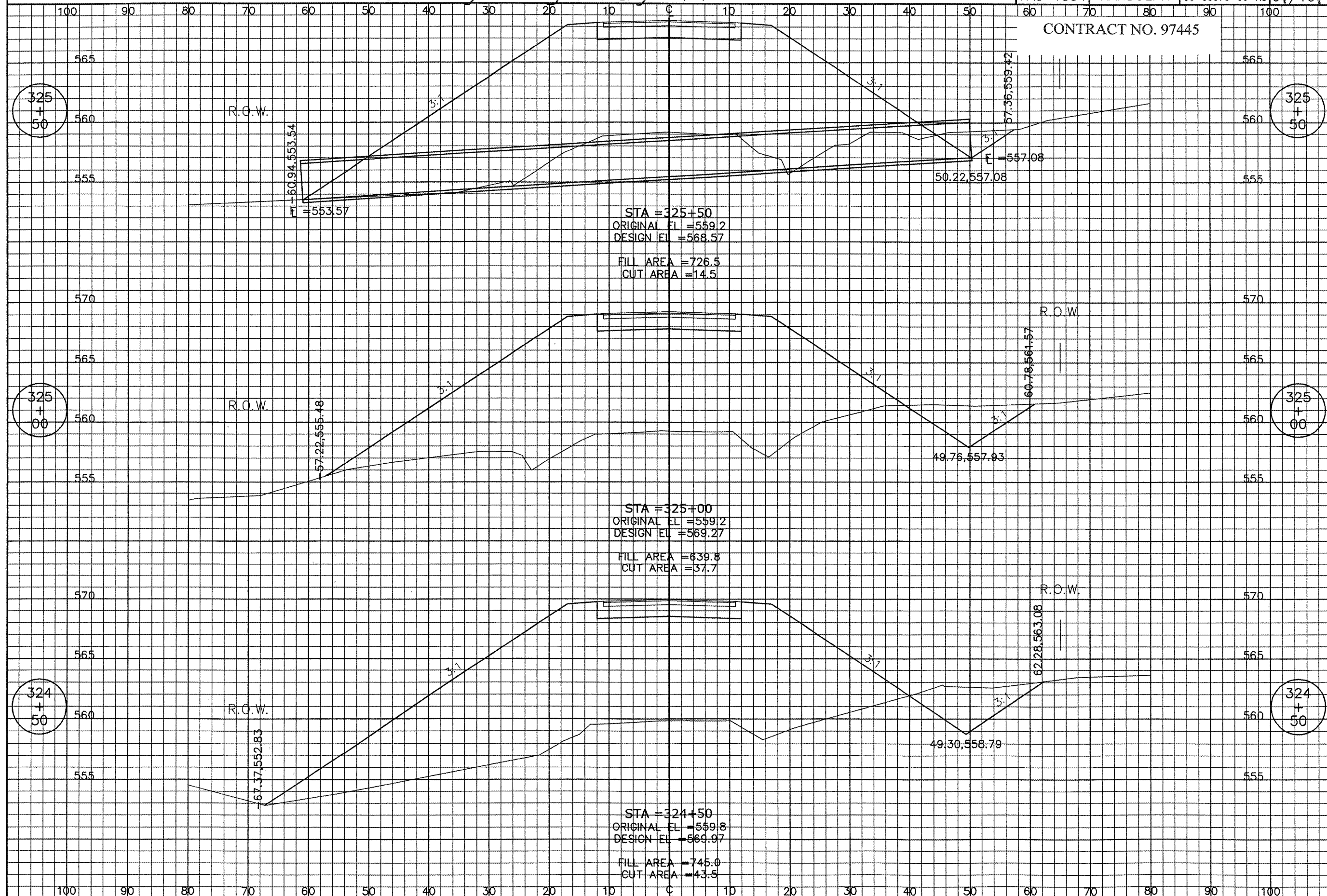
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
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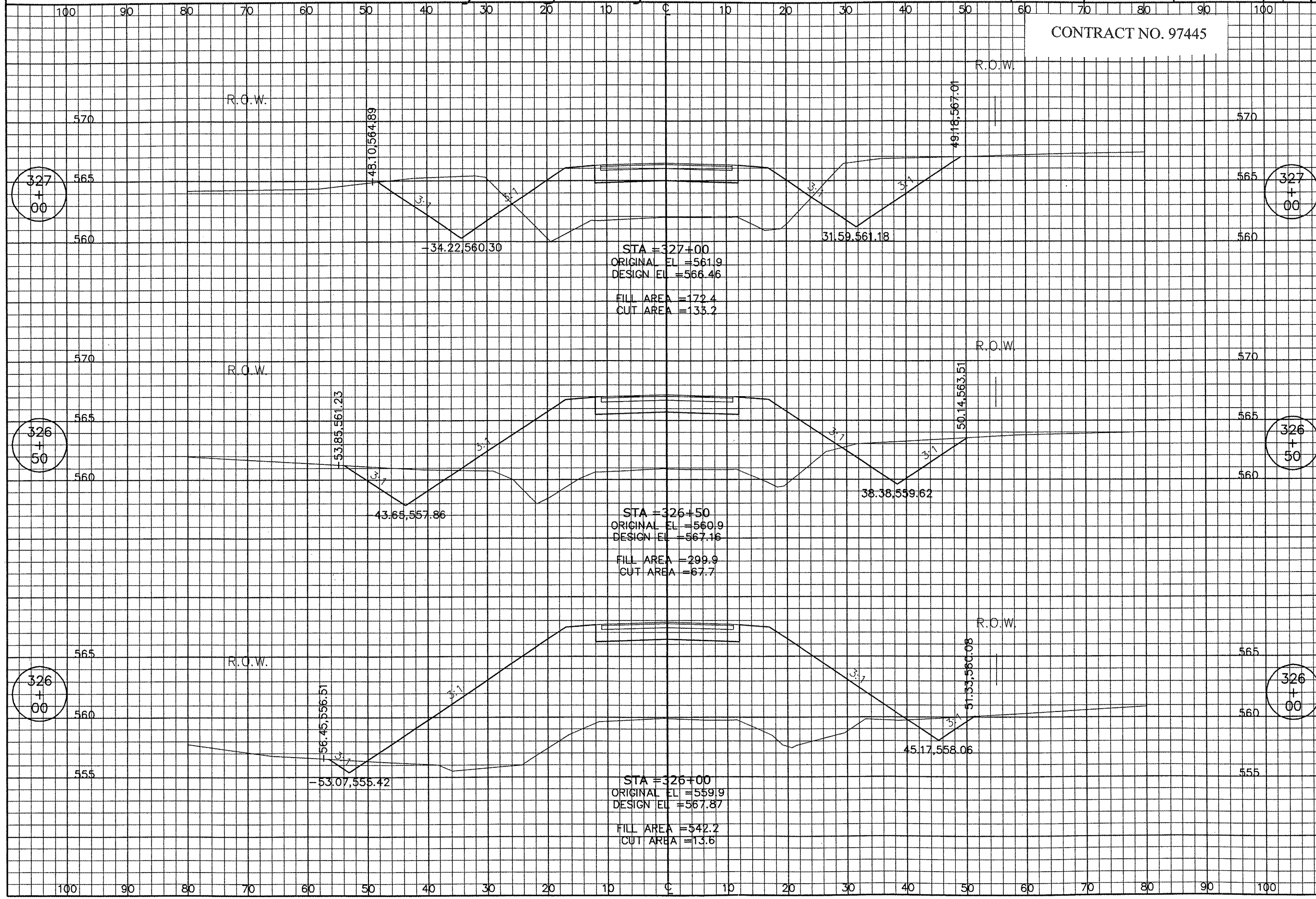
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
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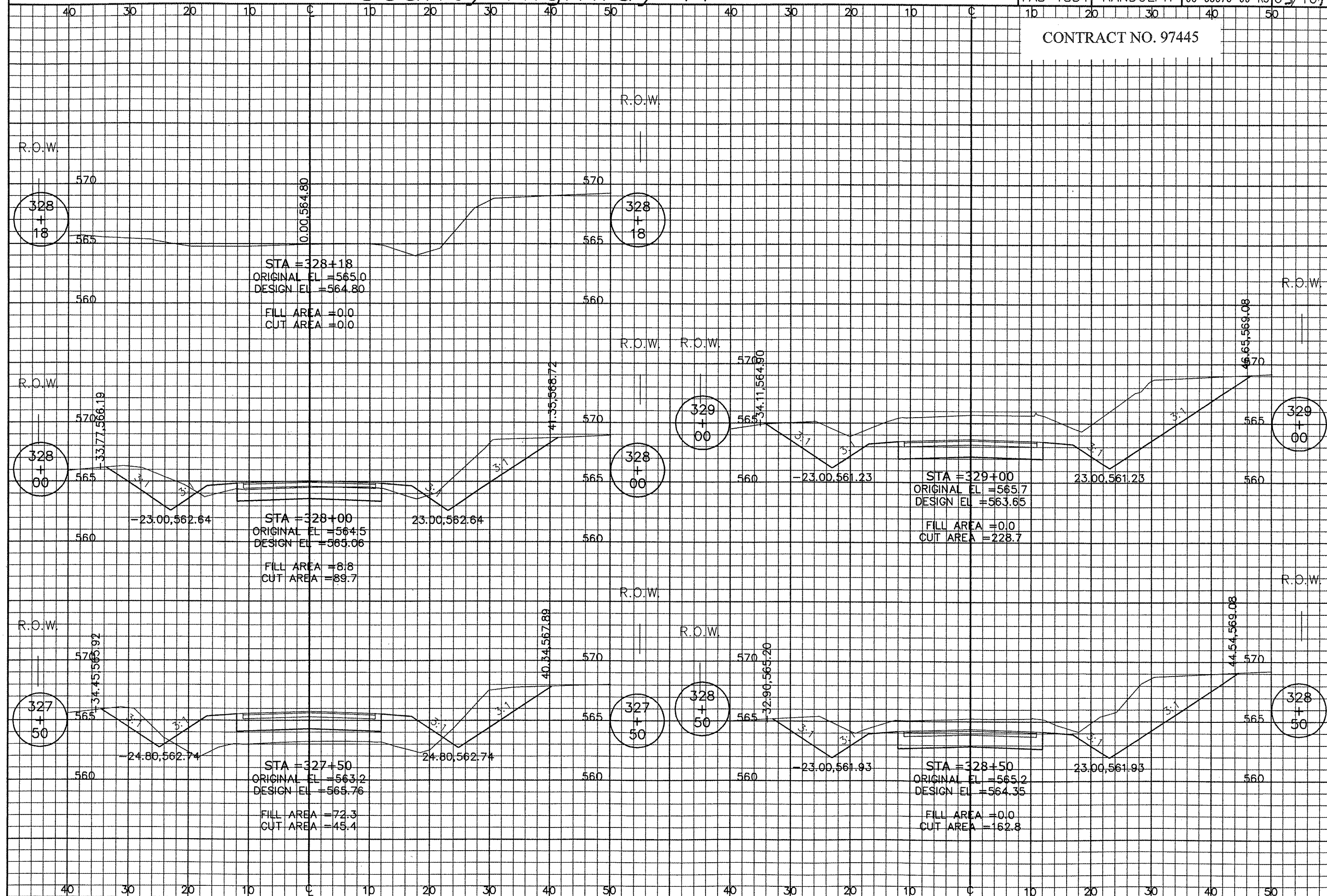
CONTRACT NO. 97445



County Highway 11

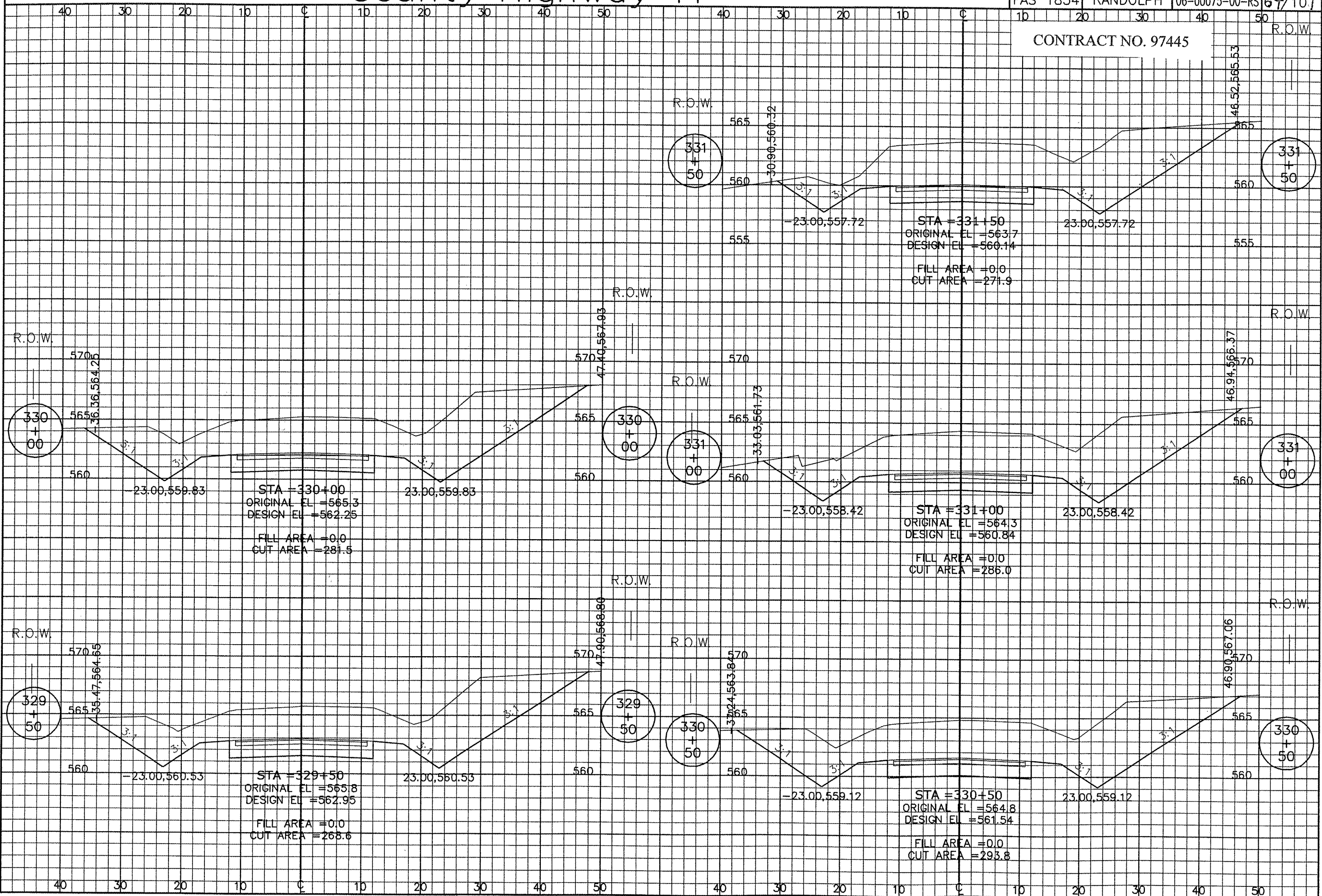
ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	63/10J

CONTRACT NO. 97445



County Highway 11

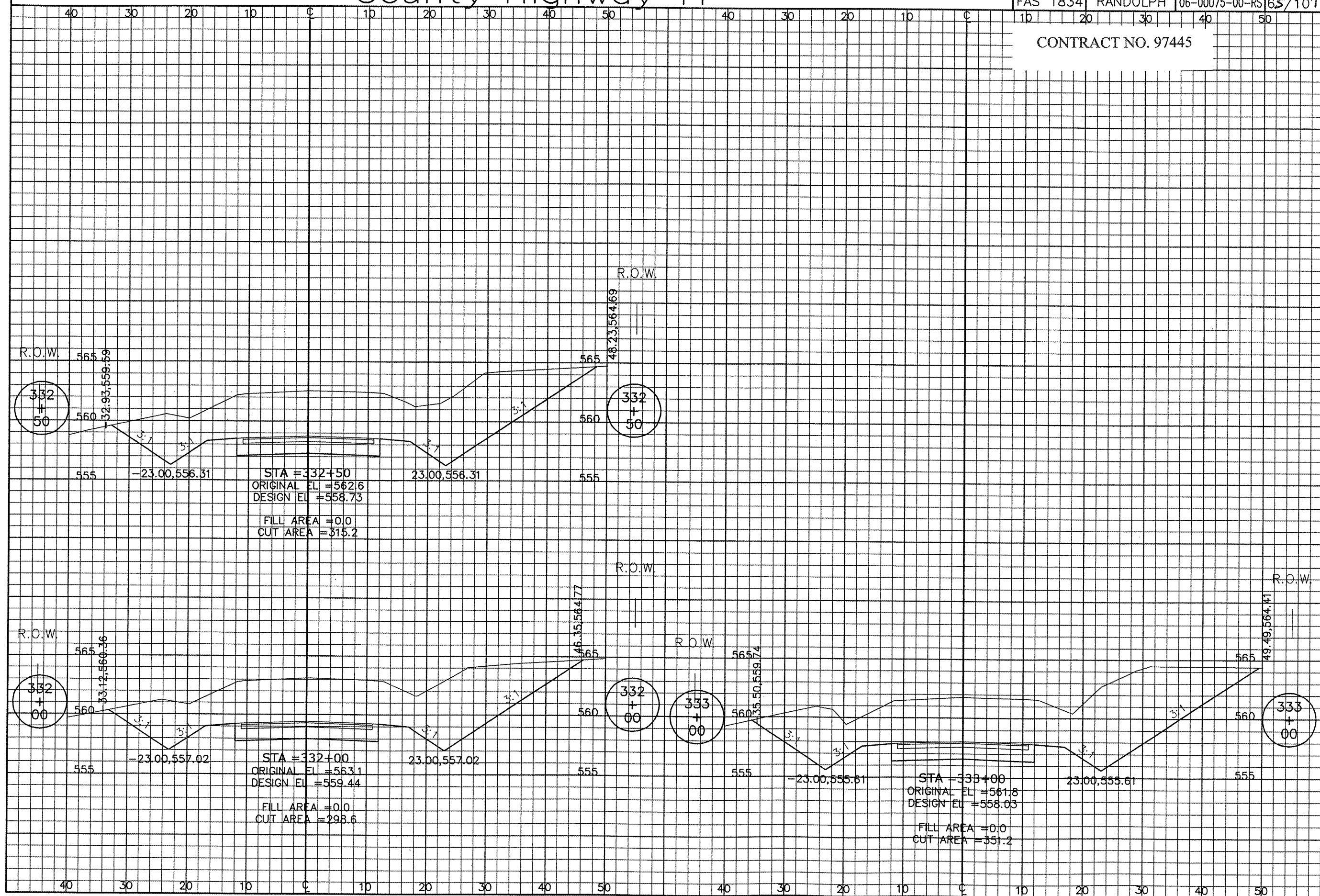
ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	67/107



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	65/101

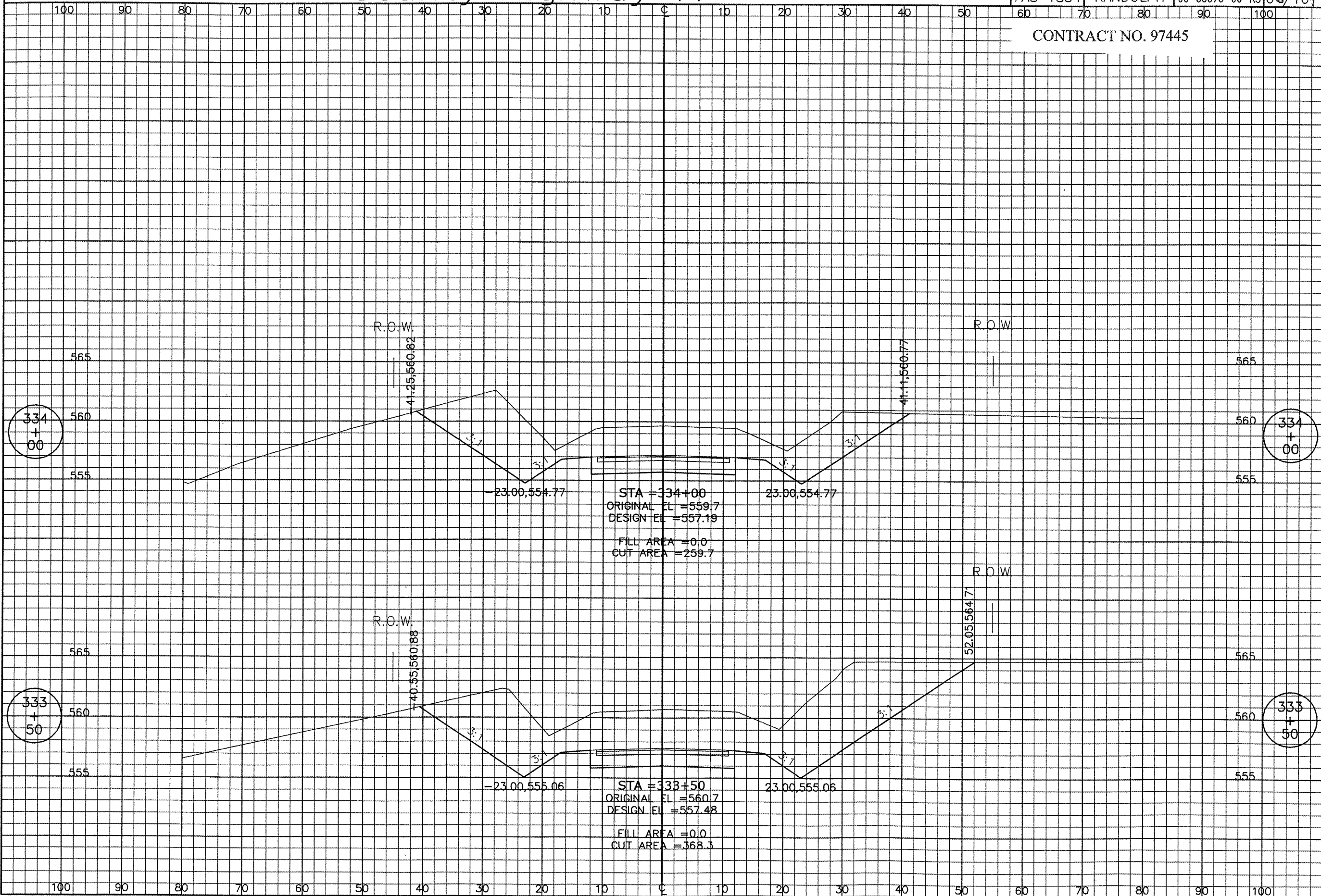
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	66/101

CONTRACT NO. 97445



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 ORIGINAL EL = 559.7
 DESIGN EL = 557.19
 FILL AREA = 0.0
 CUT AREA = 259.7

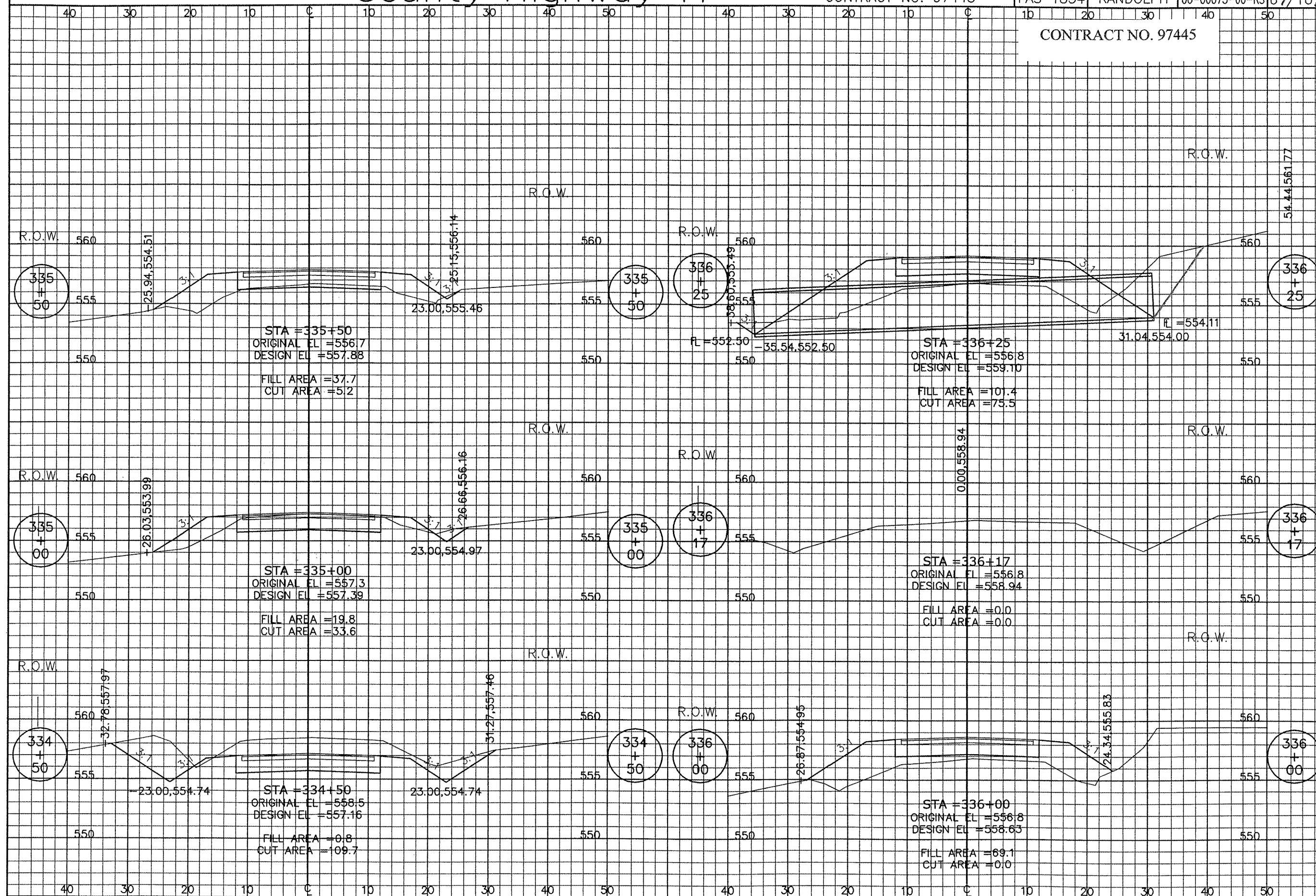
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 CUT AREA = 368.3

County Highway 11

CONTRACT NO. 97445

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	67/10/

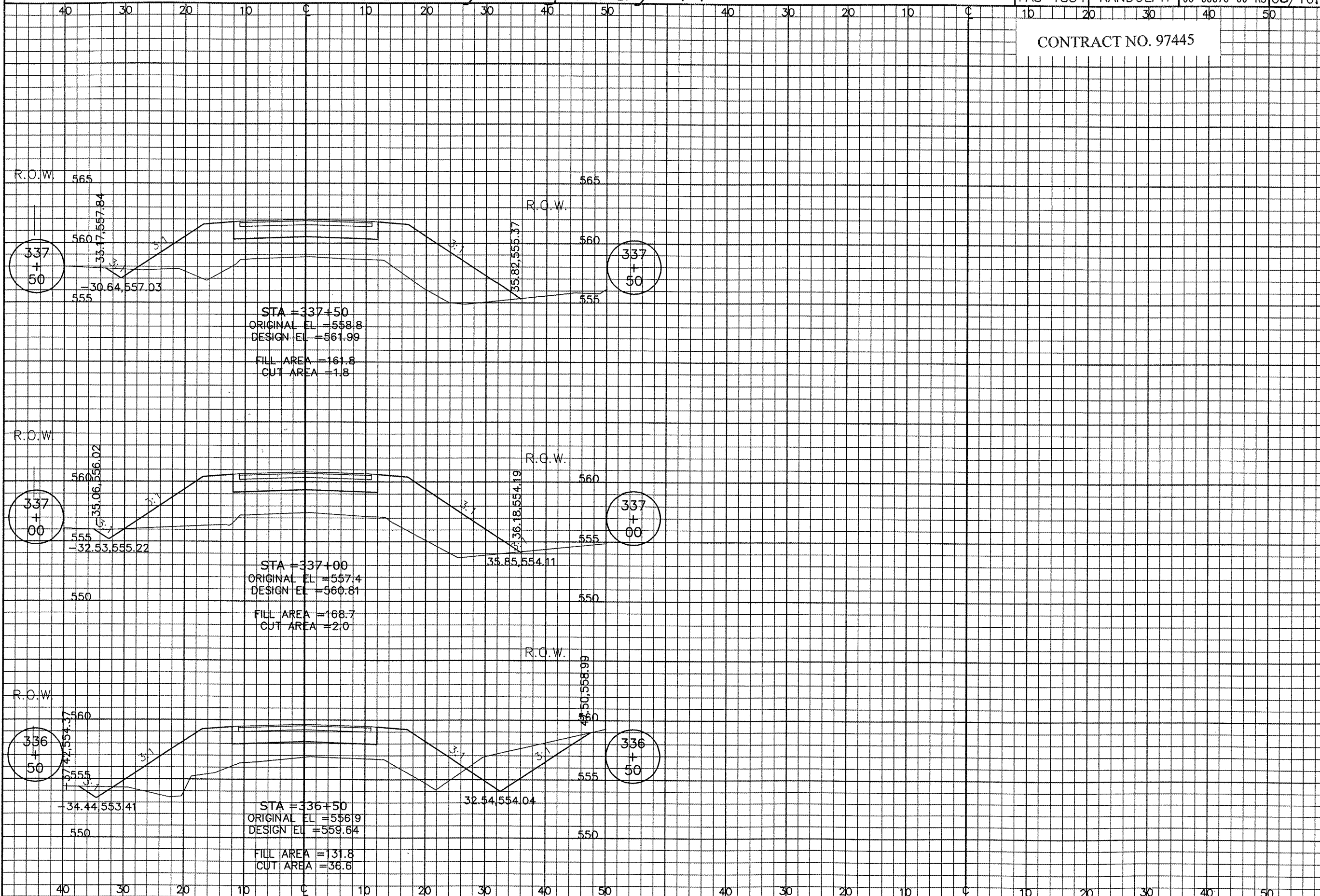
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	68/107

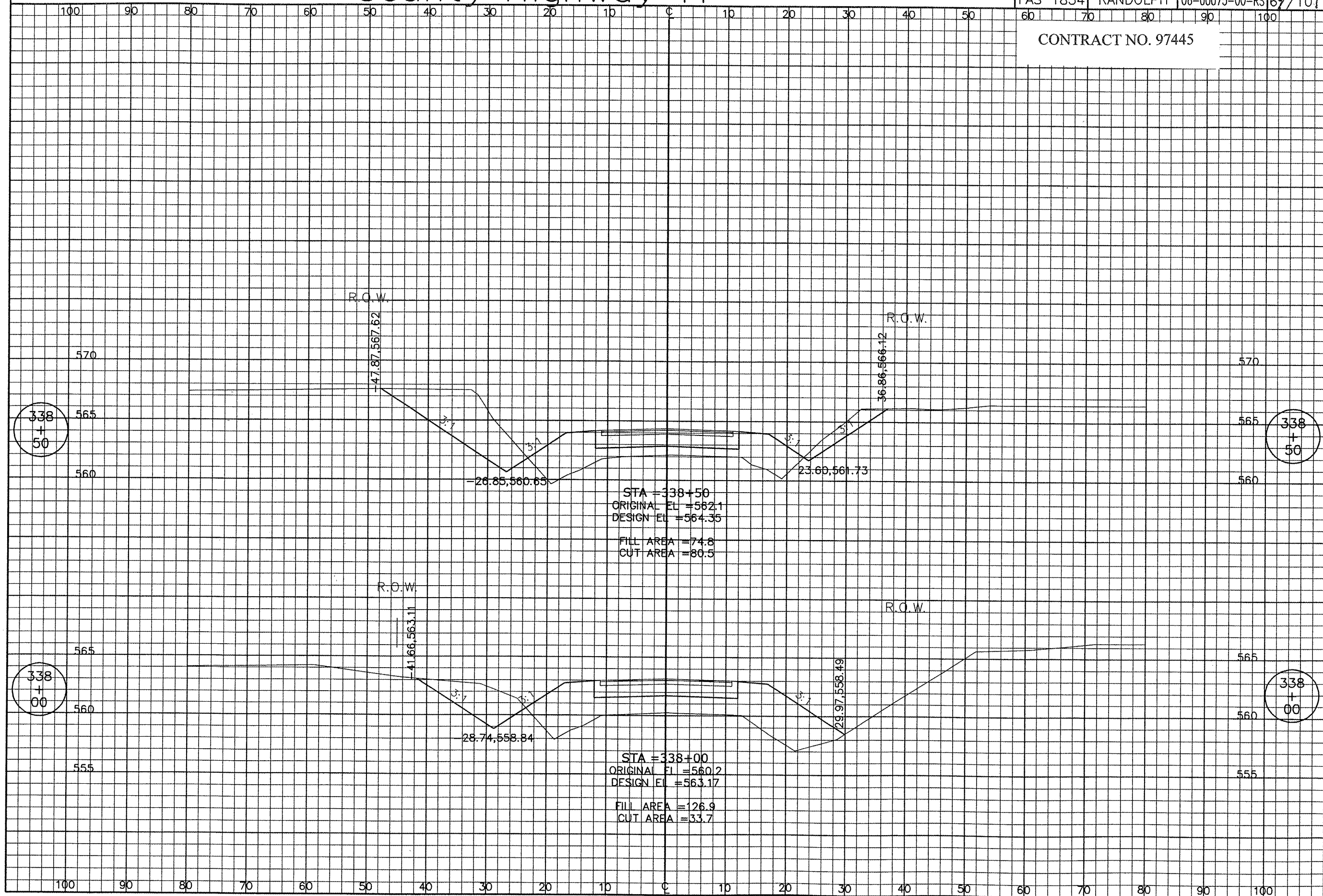
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	69/101

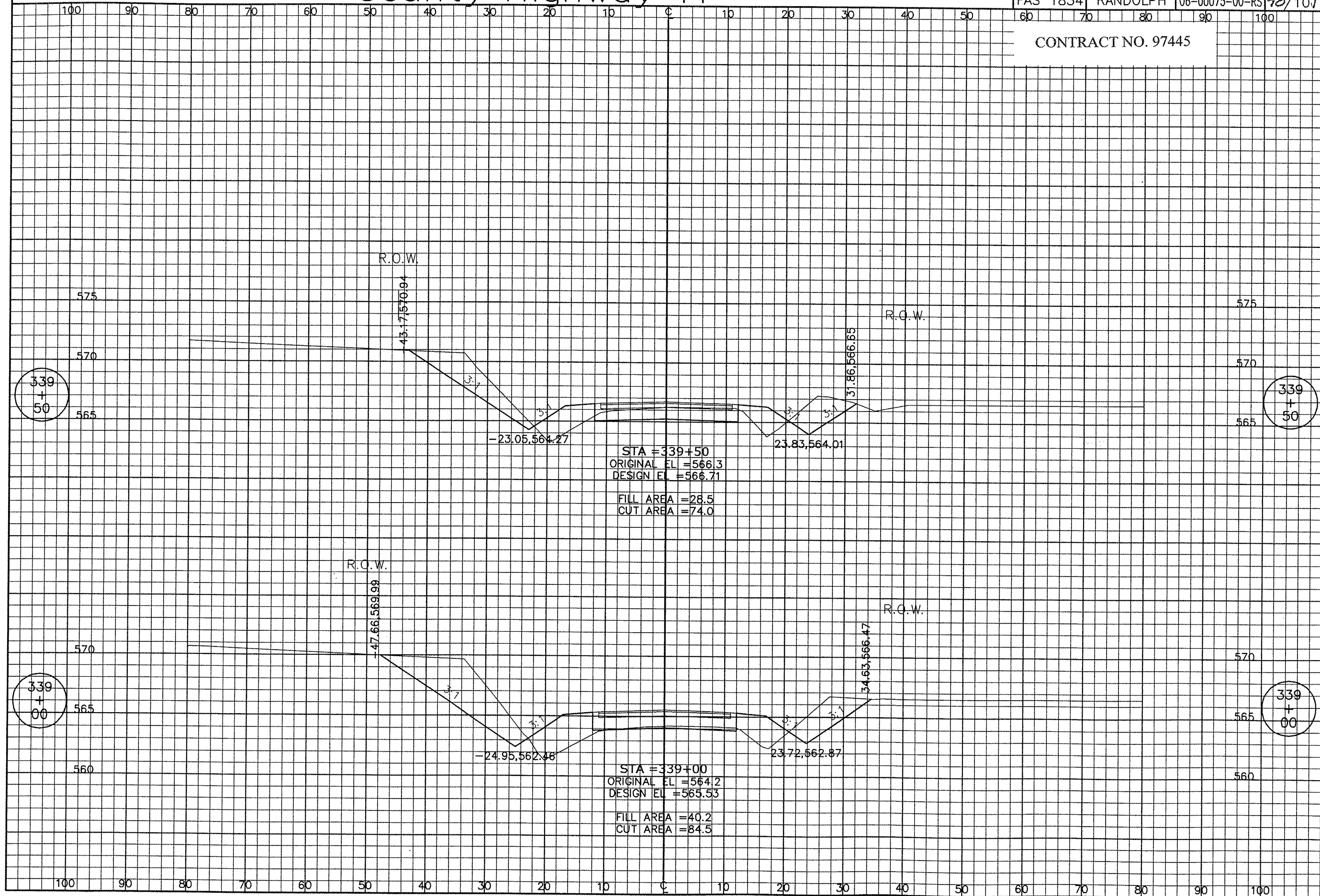
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	70/101

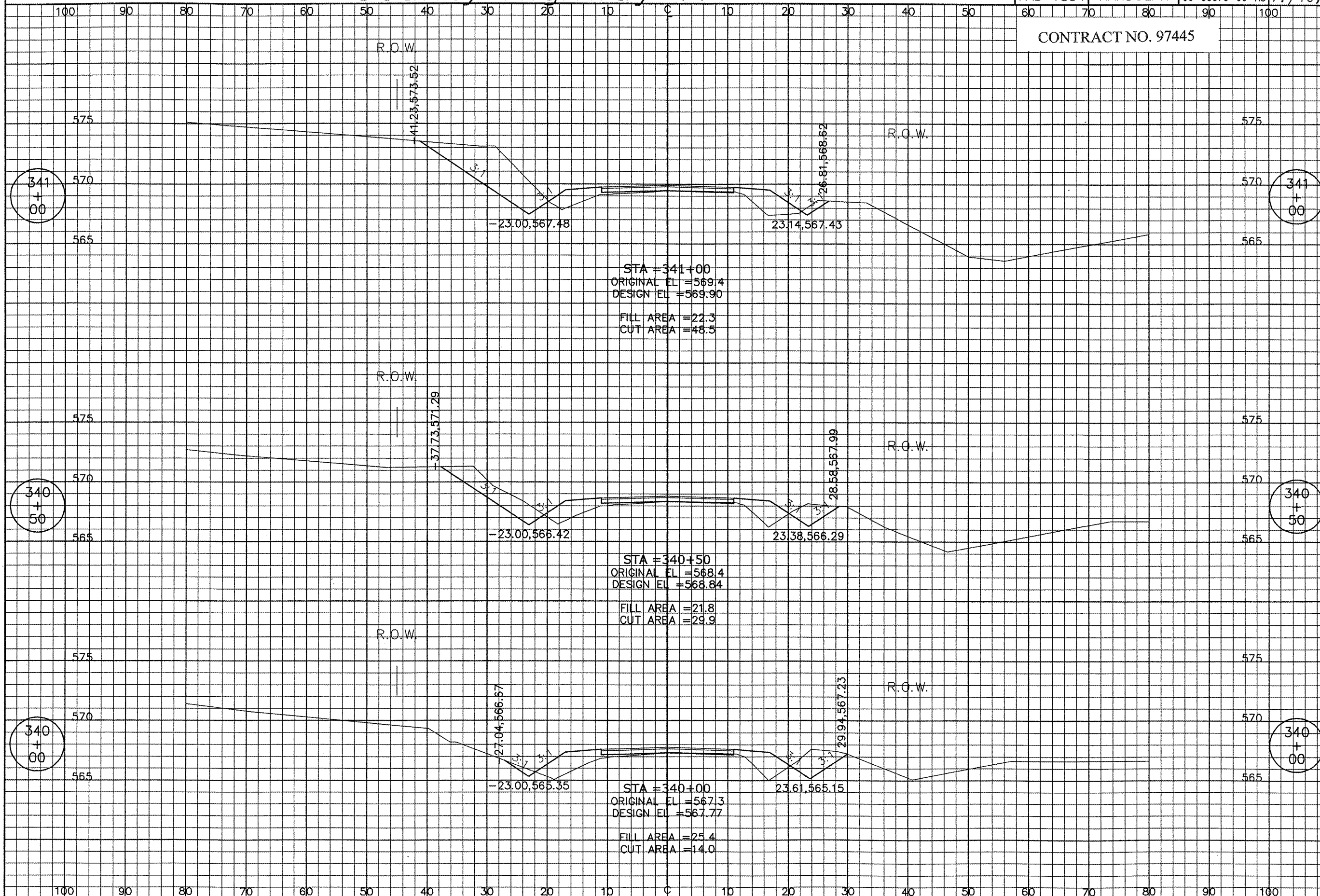
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	71/101

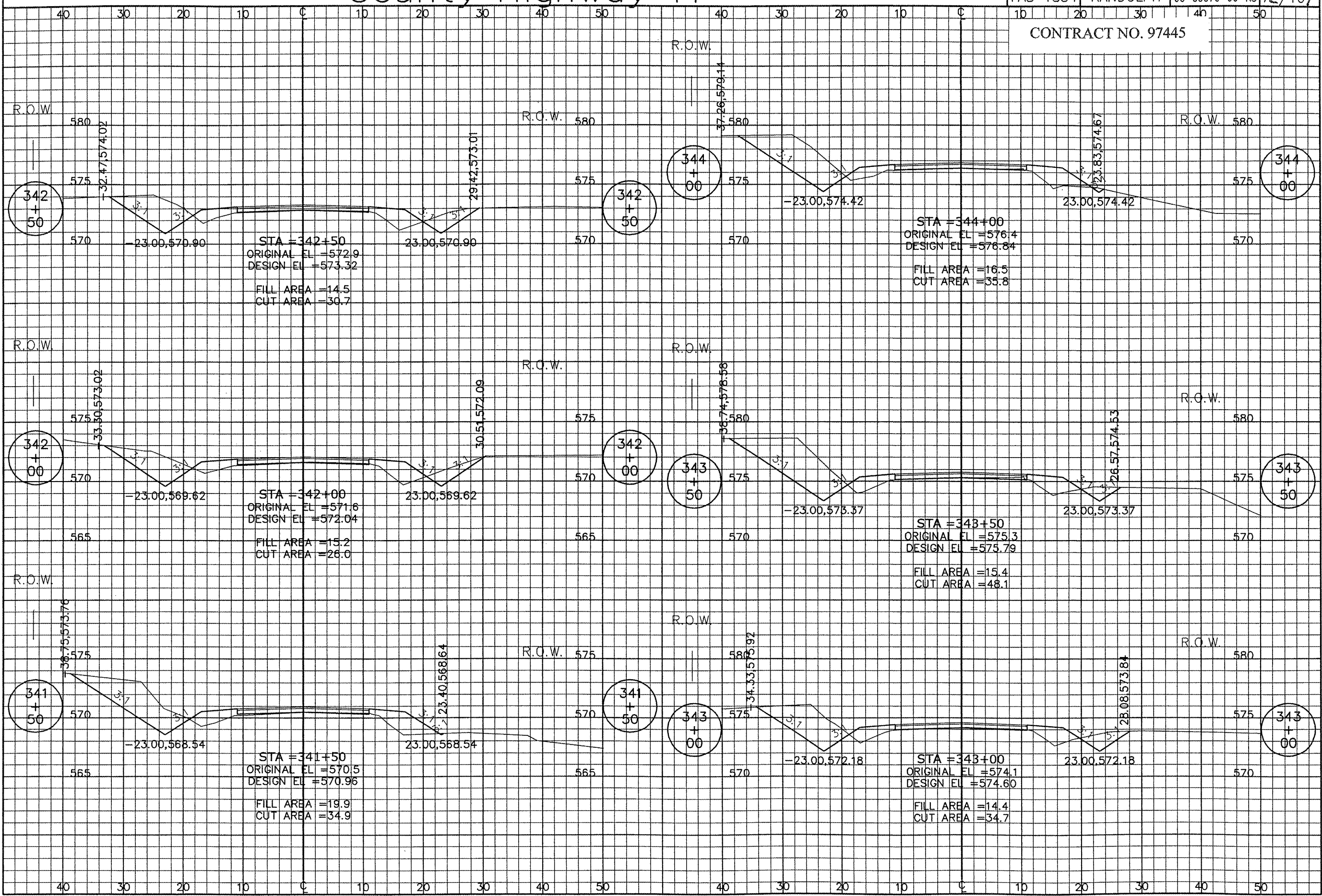
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	72/101

CONTRACT NO. 97445

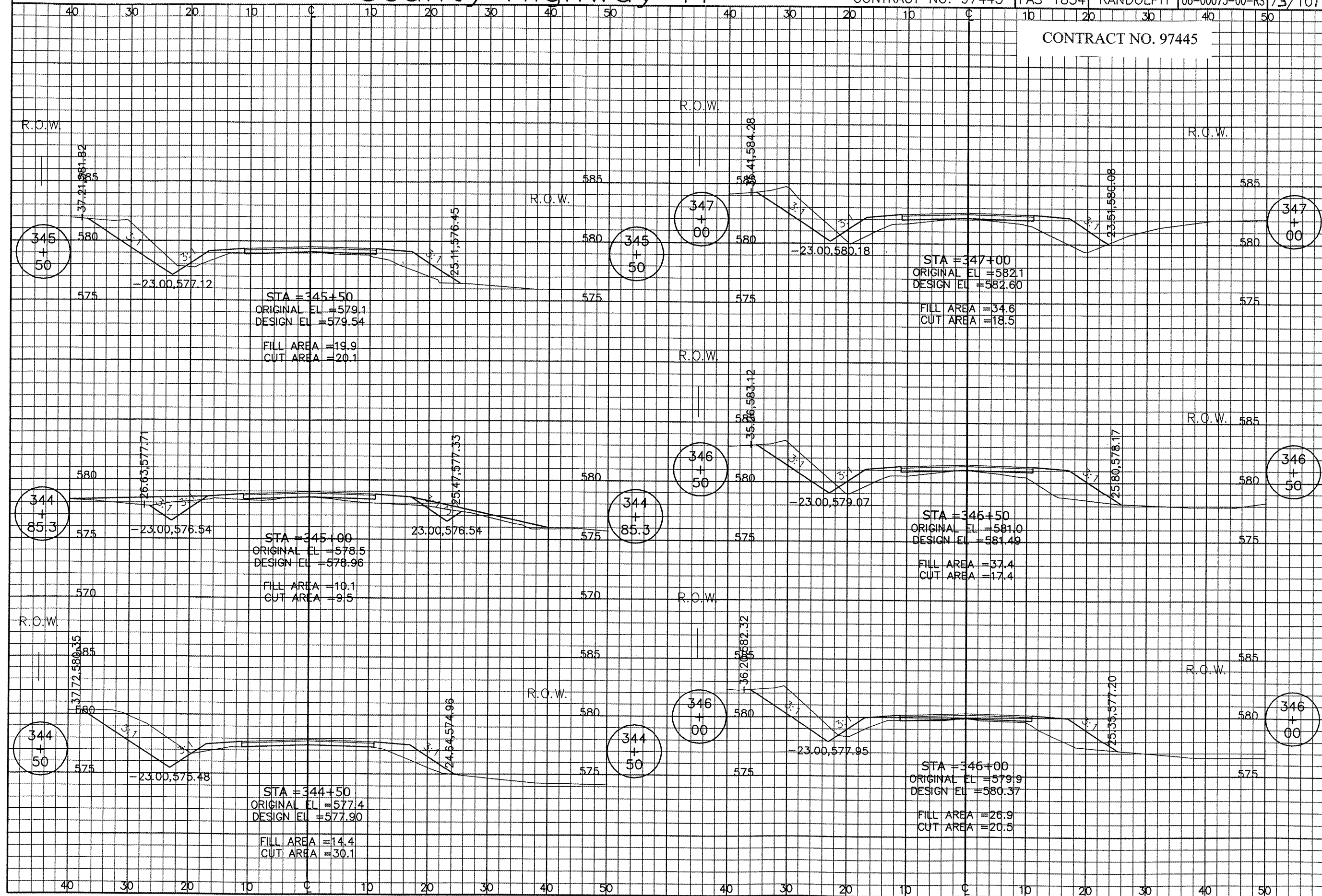


County Highway 11

CONTRACT NO. 97445

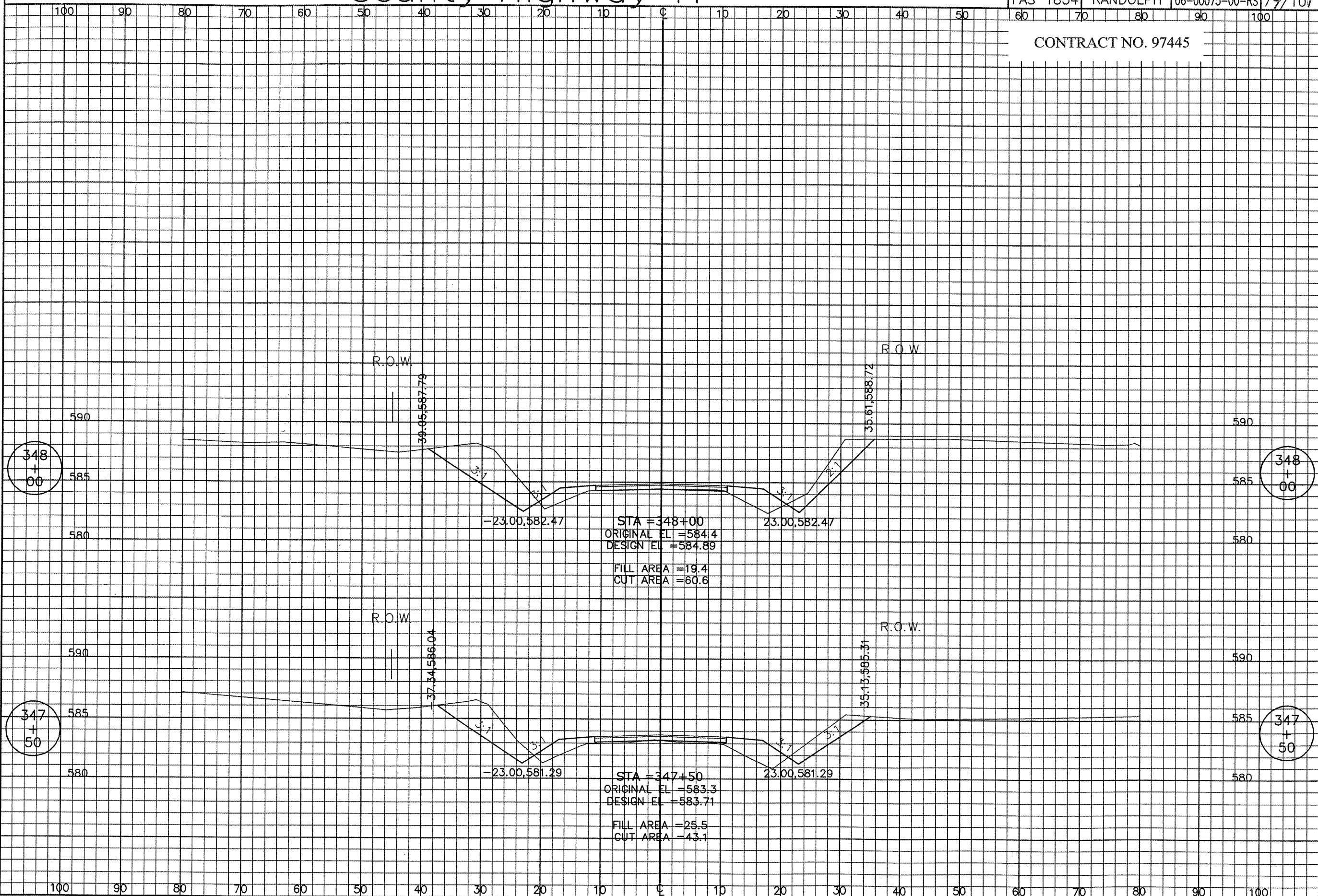
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CONTRACT NO. 97445



County Highway 11

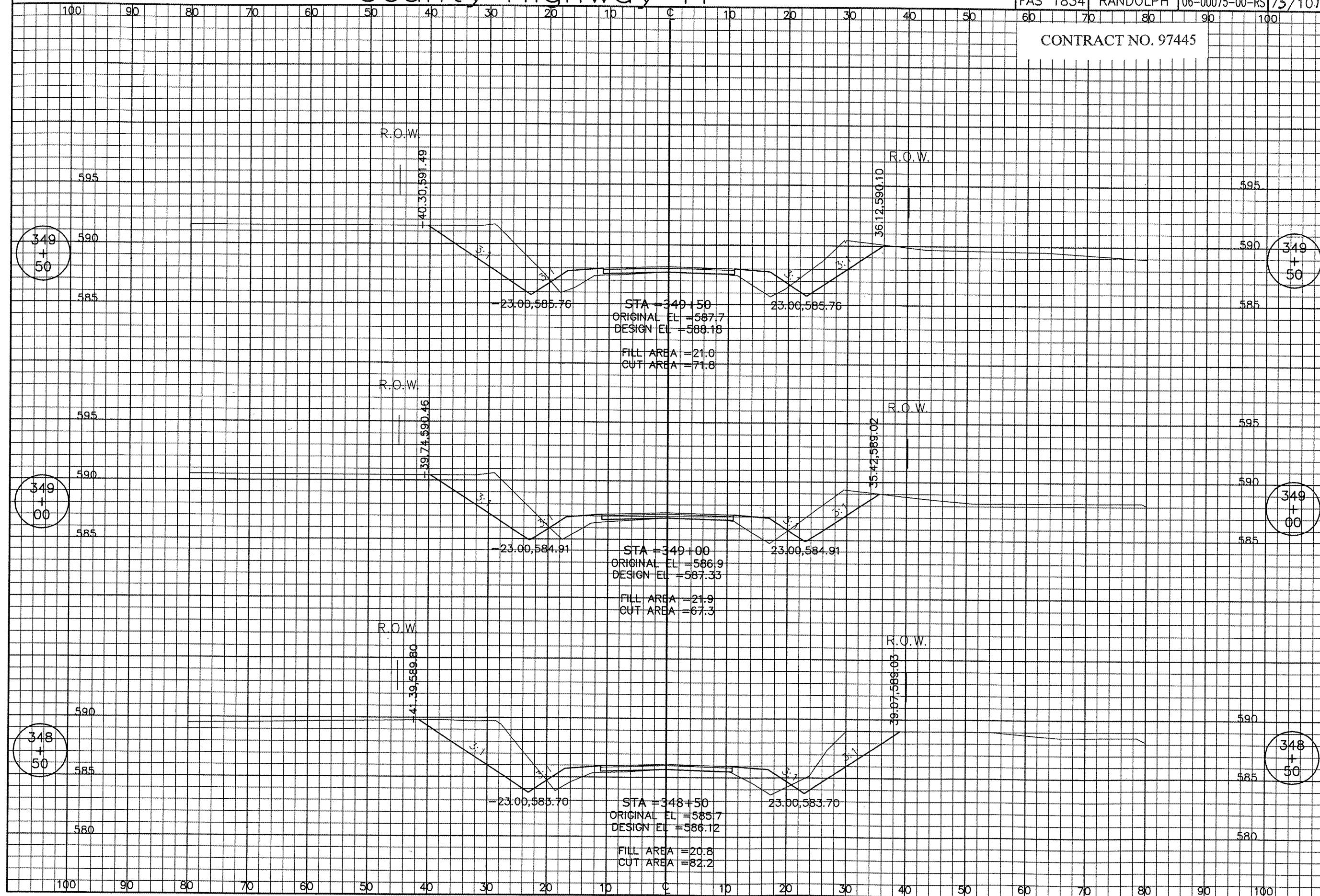
ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	74/101



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
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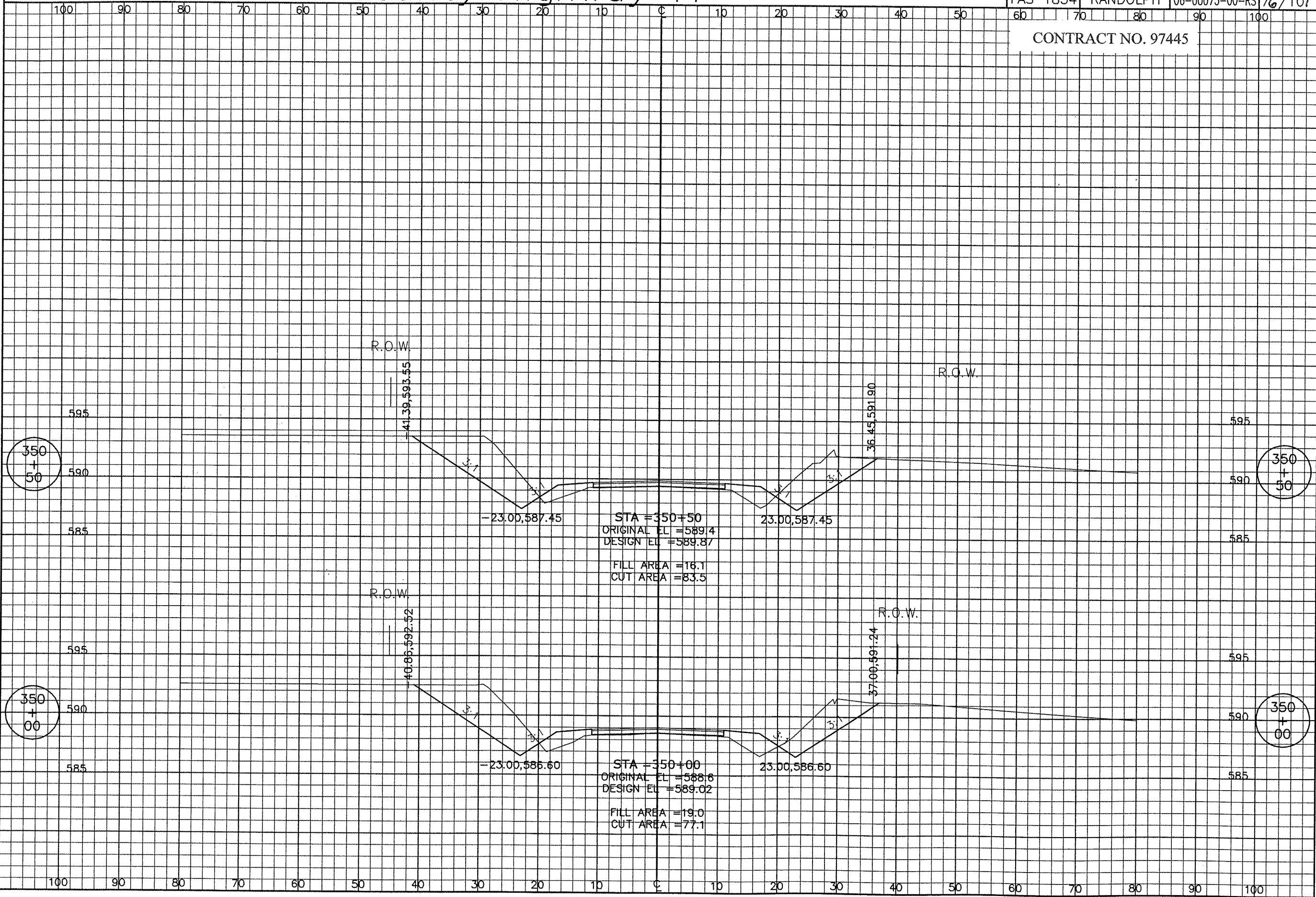
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
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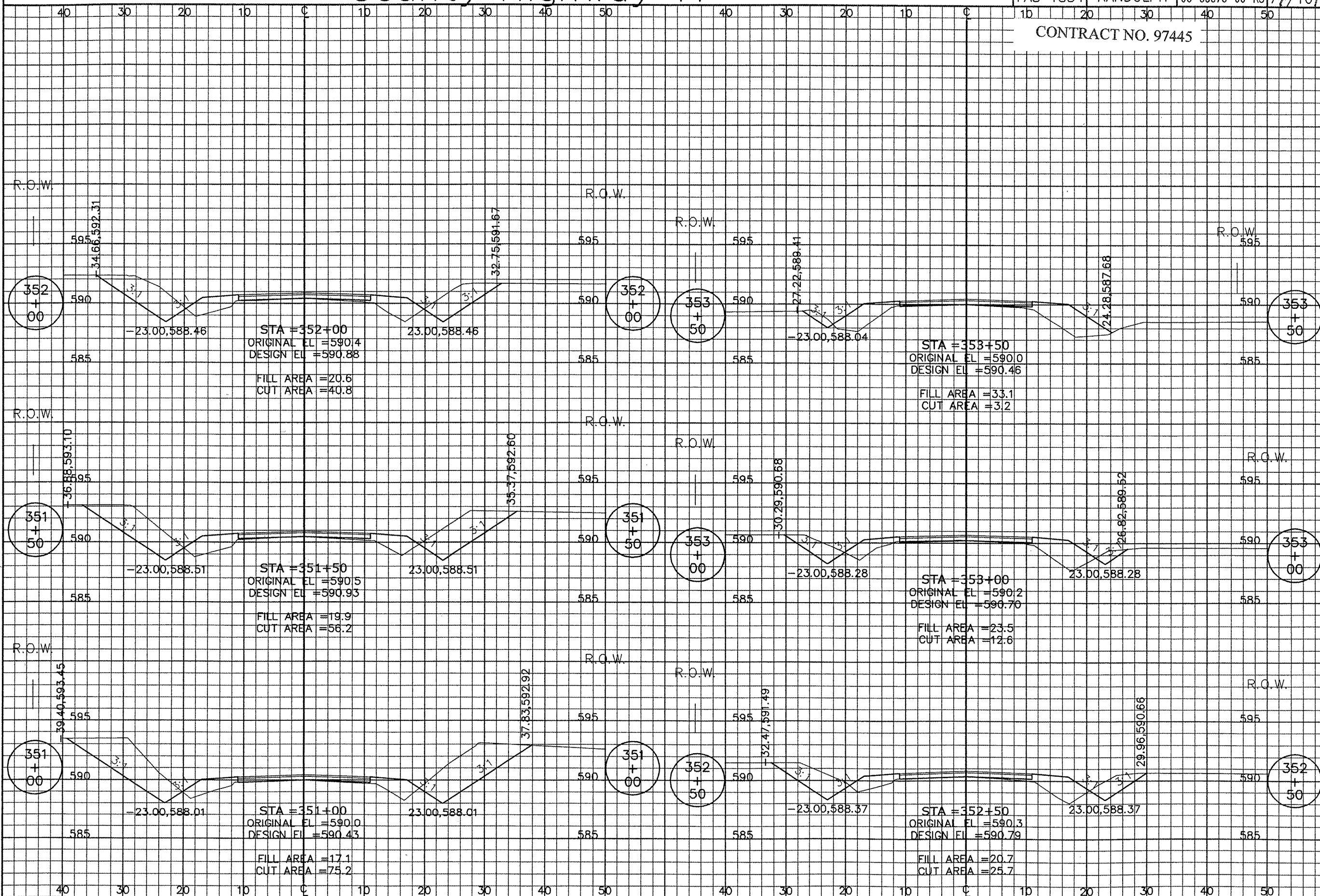
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	77/101

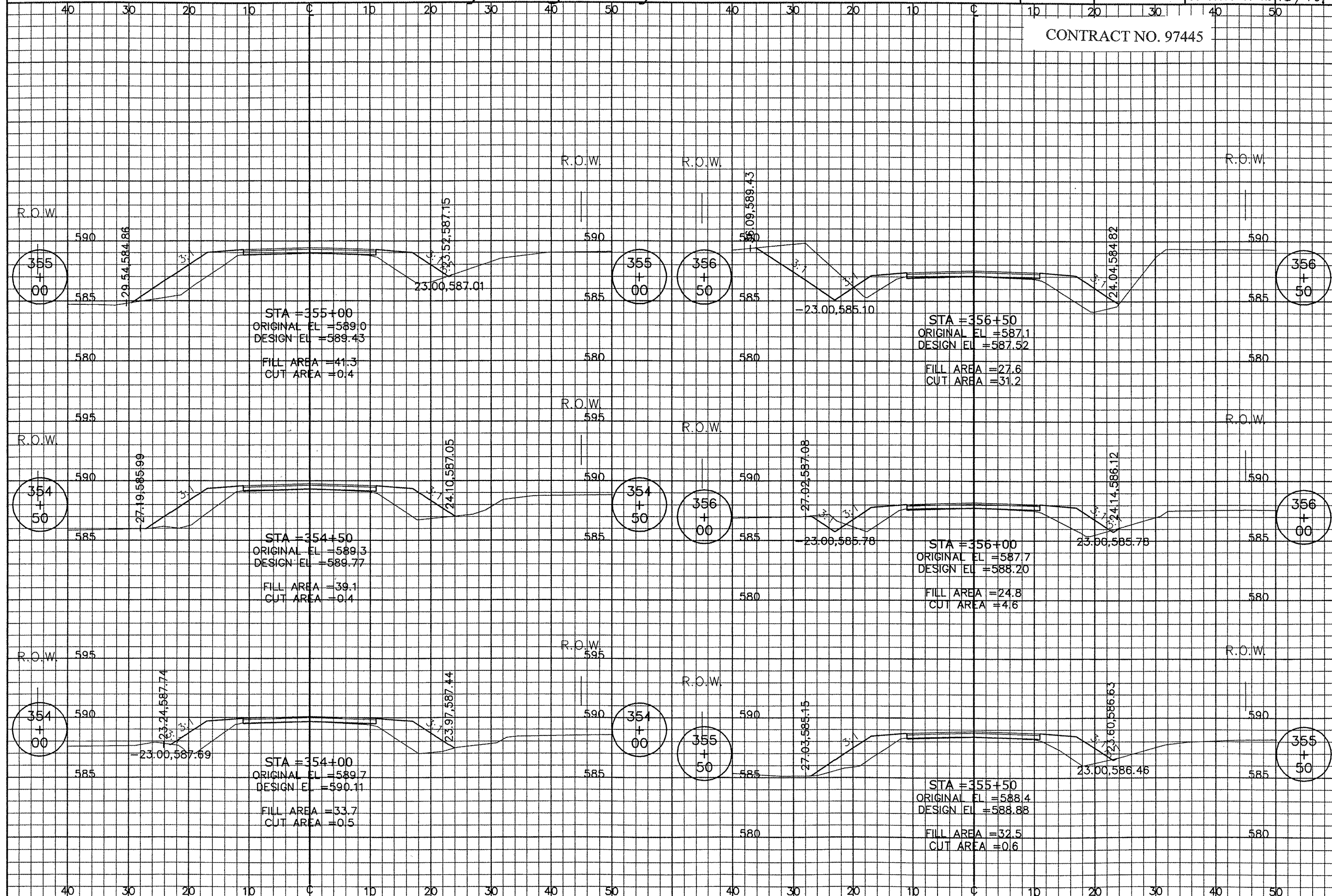
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County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
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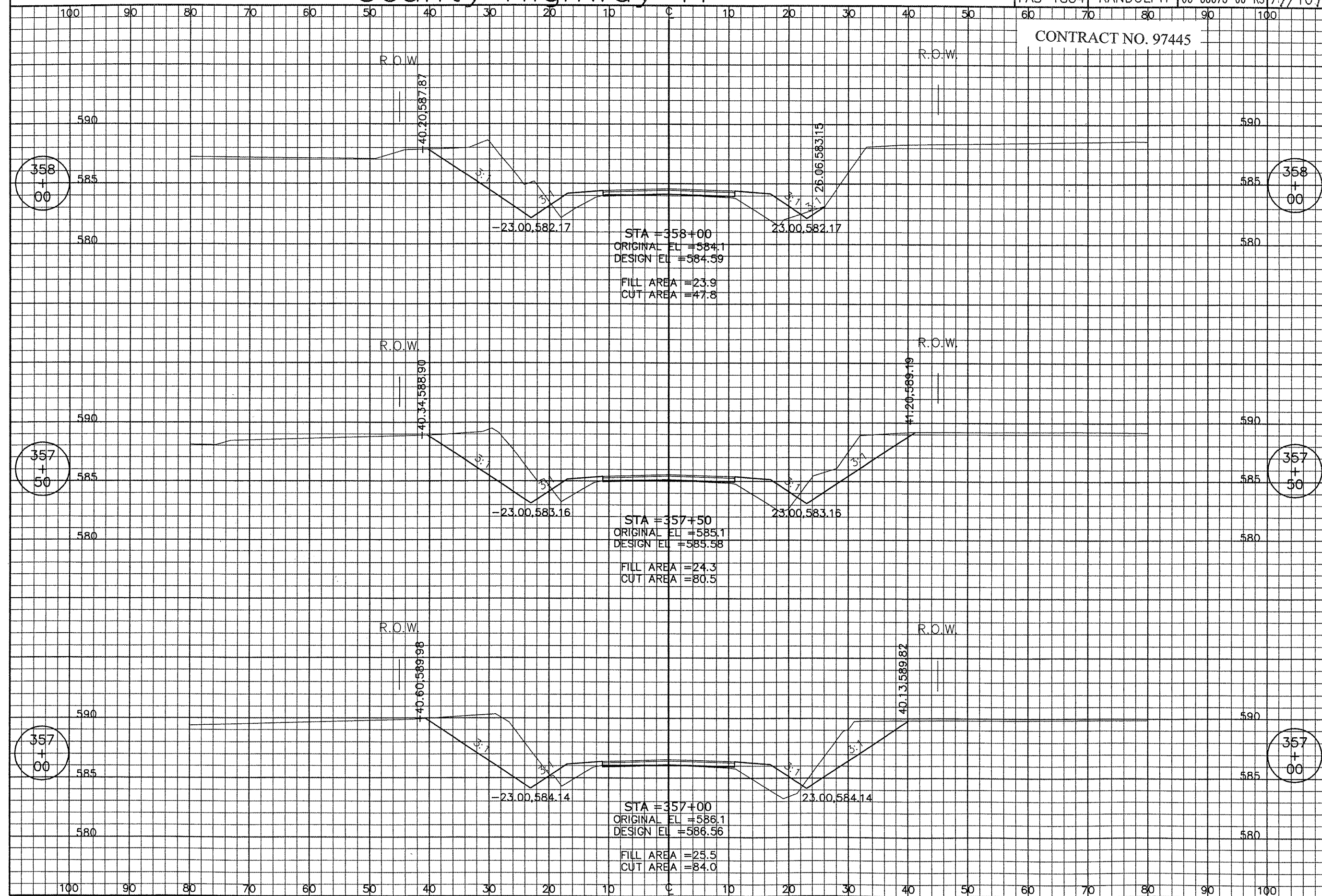
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County Highway 11

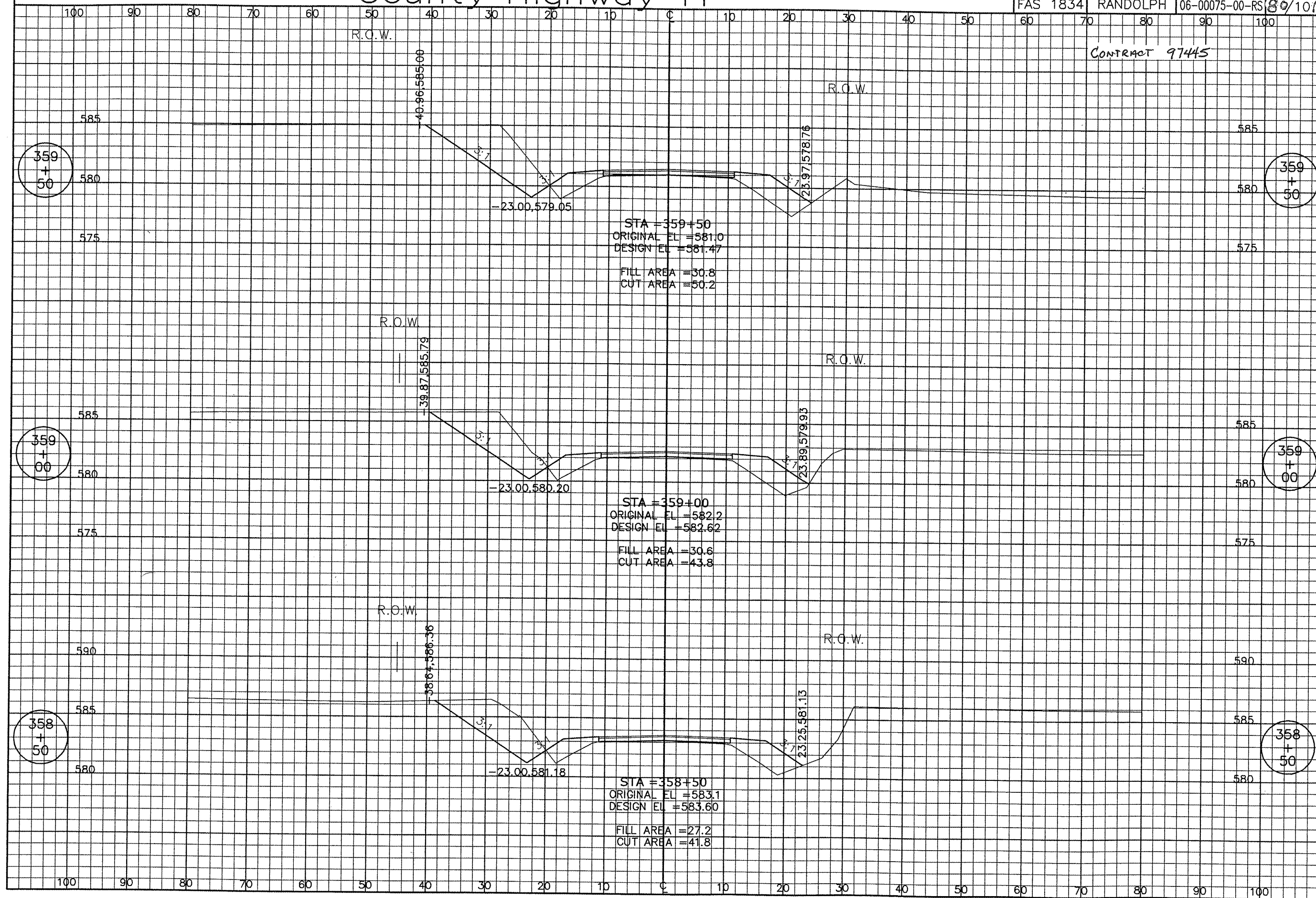
ROUTE	COUNTY	SECTION	SHEET/OF
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CONTRACT NO. 97445



County Highway 11

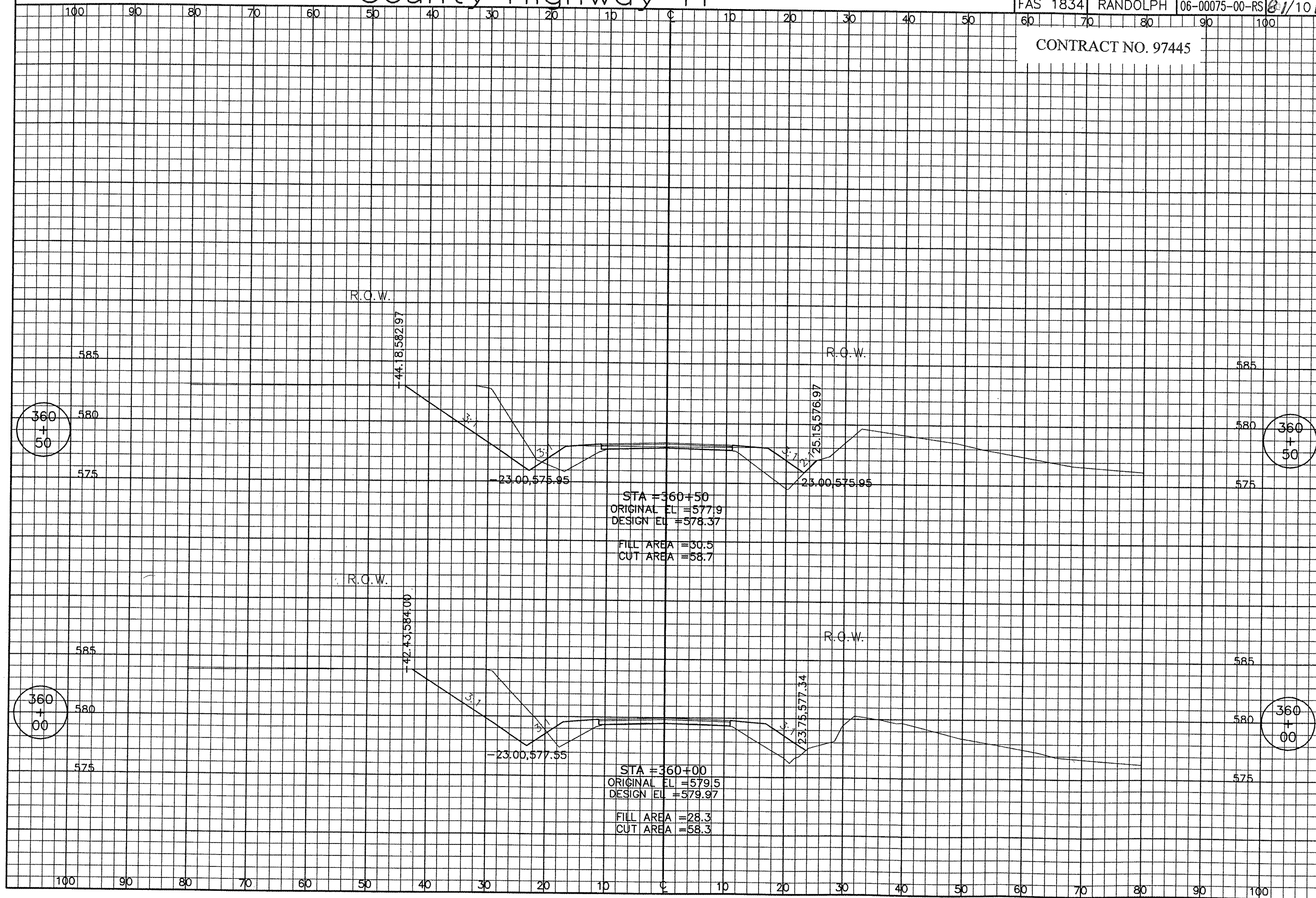
ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	89/101



County Highway 11

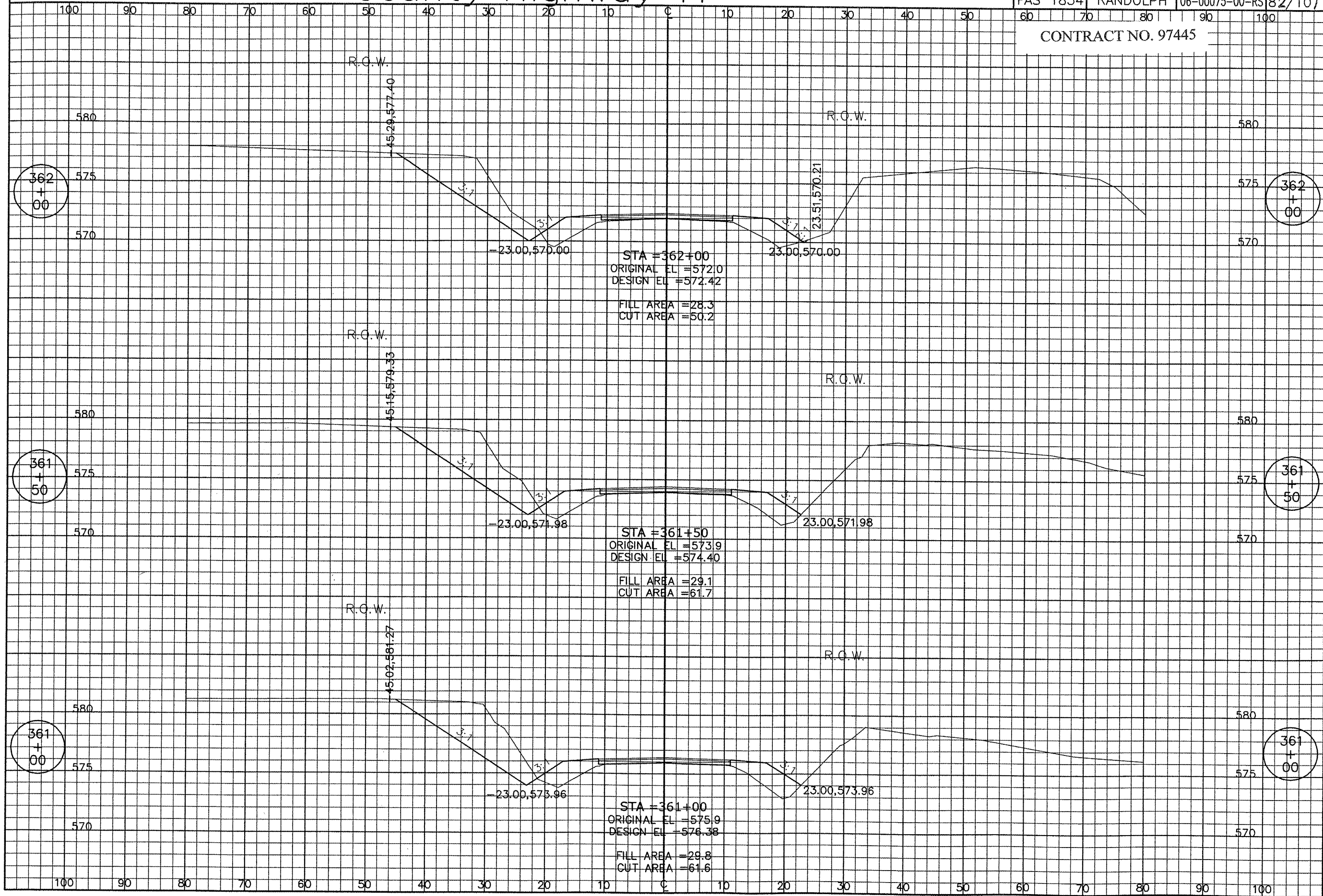
ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	81/101

CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	82/101
CONTRACT NO. 97445			

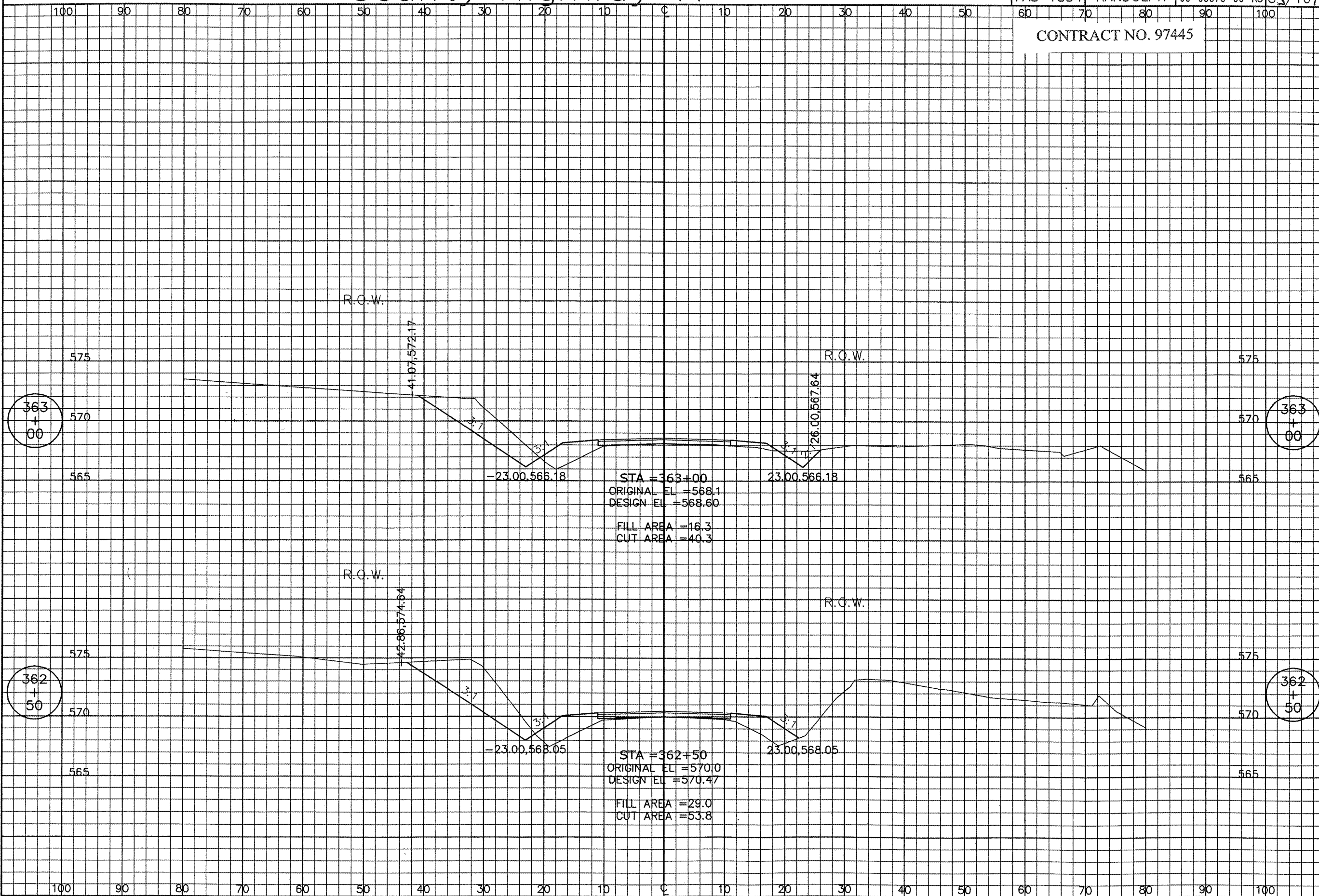


CROSS SECTIONS STA. 361+00 TO STA. 362+00

County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
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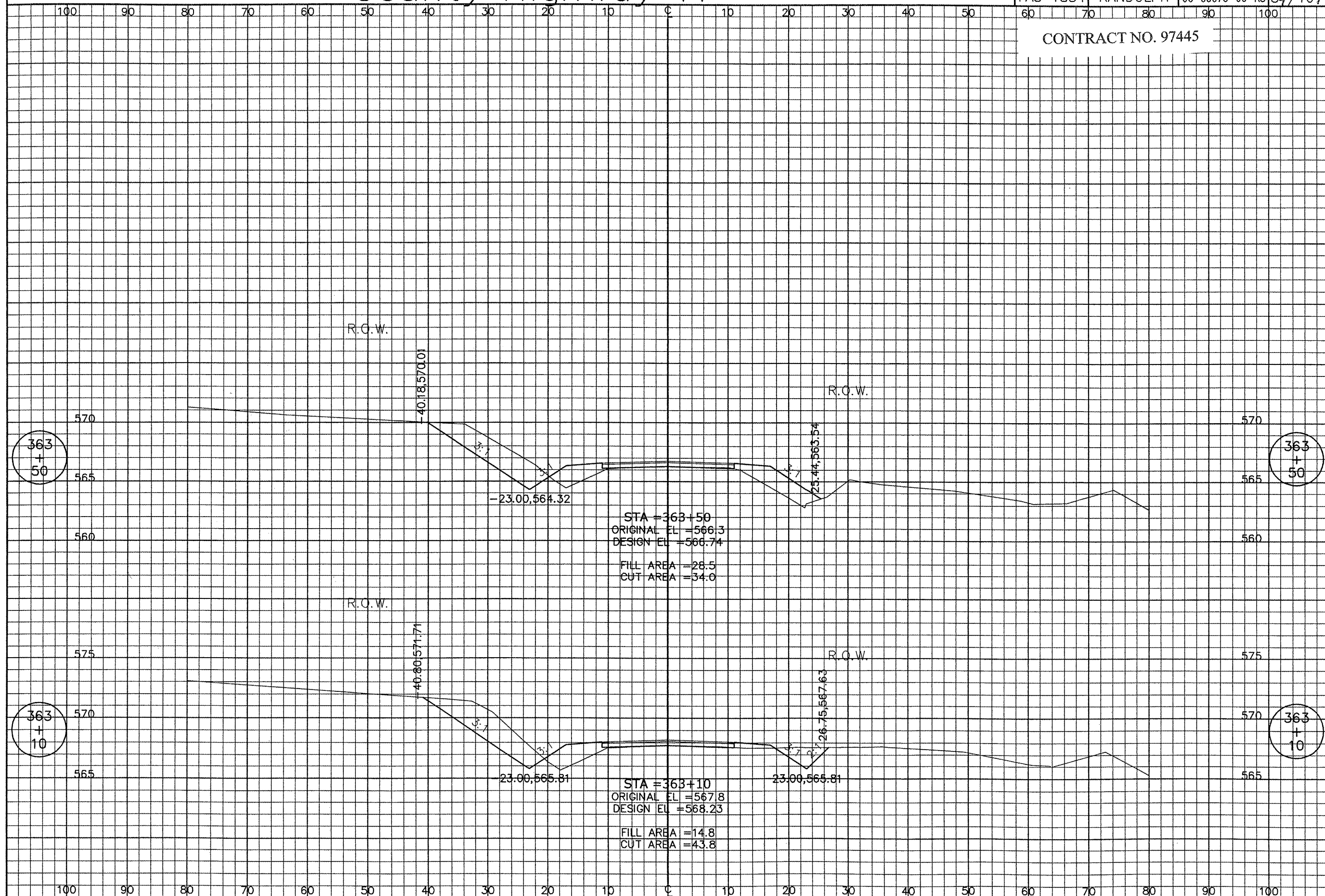
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County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	84/101

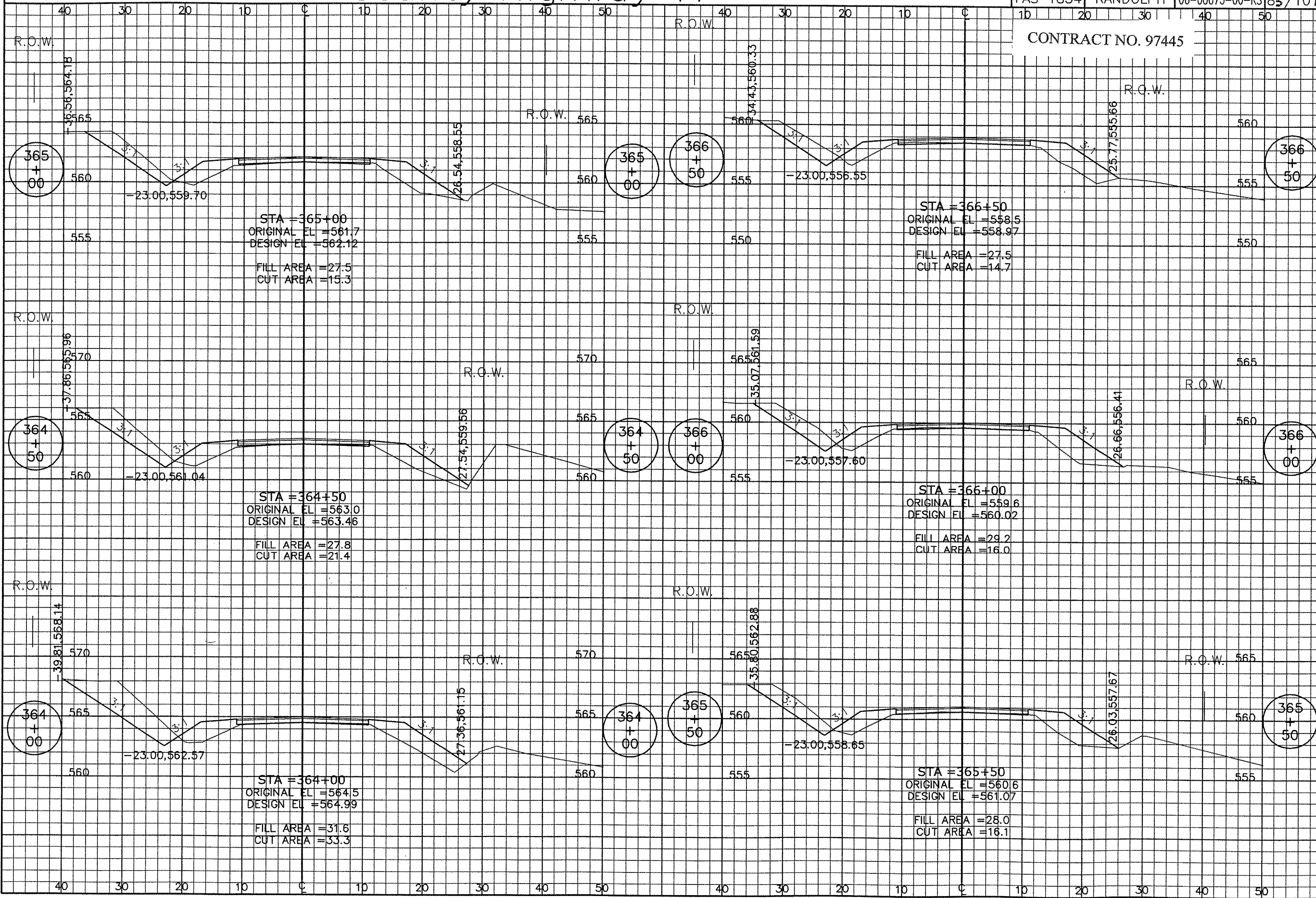
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	85/101

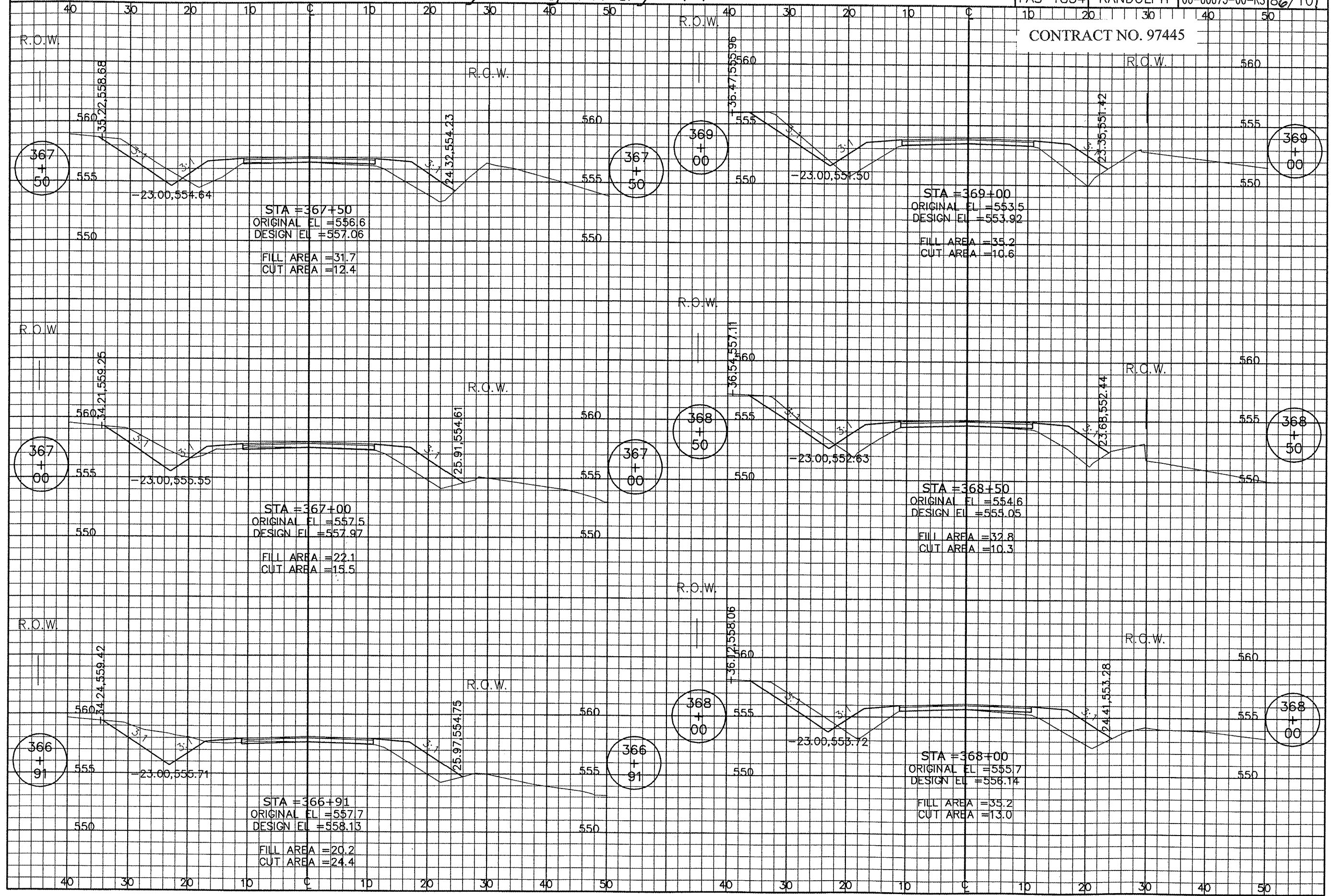
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County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
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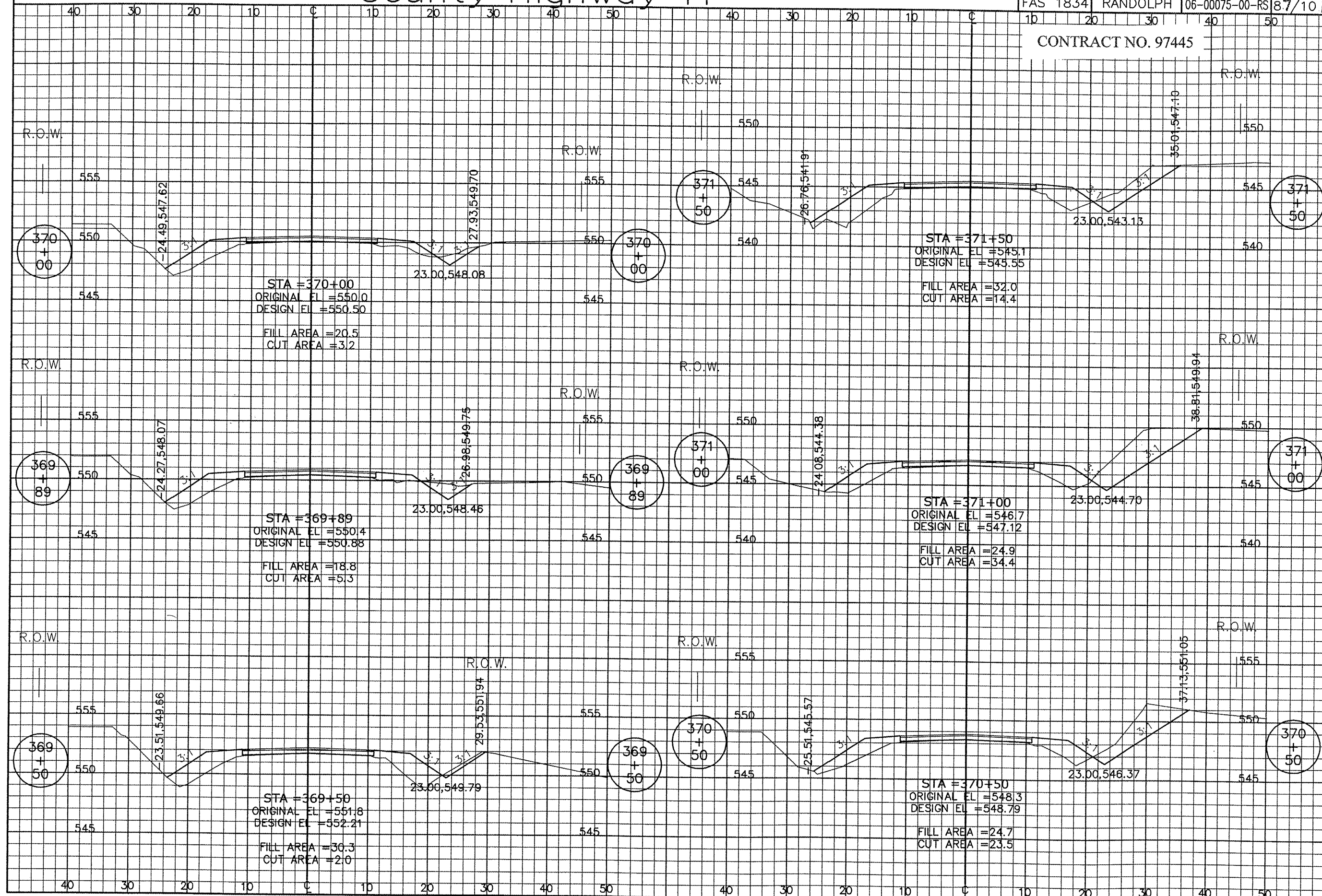
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
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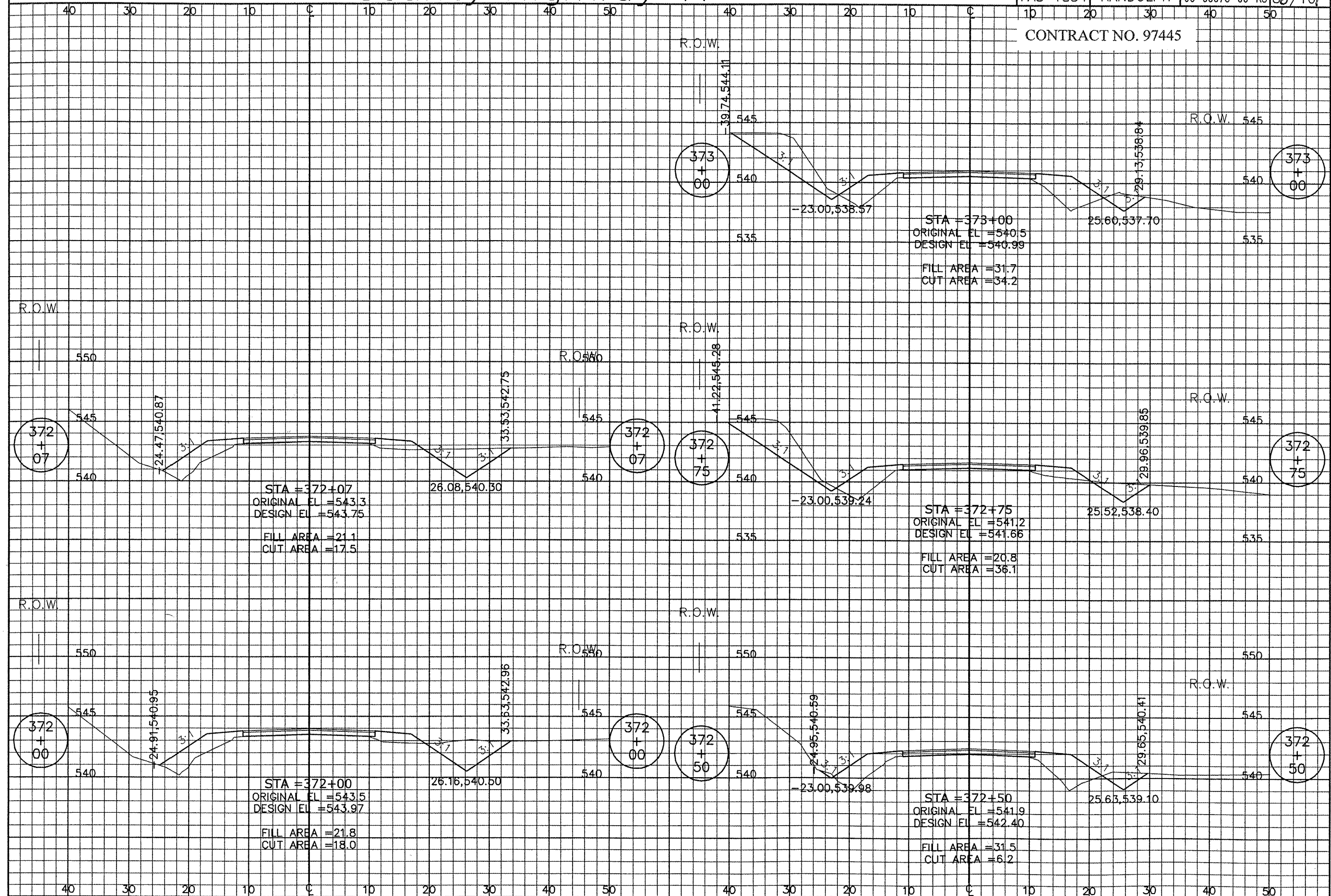
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
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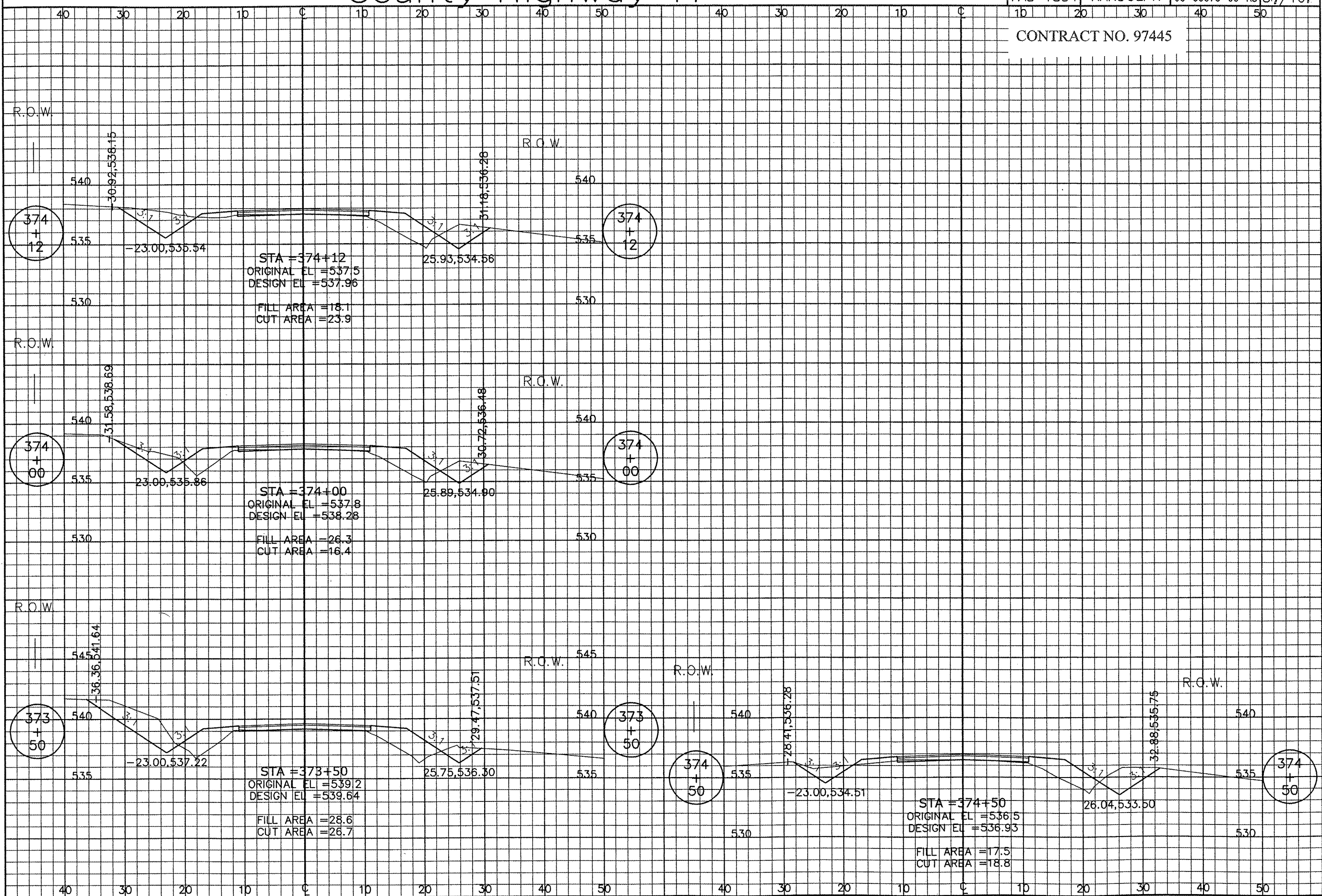
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
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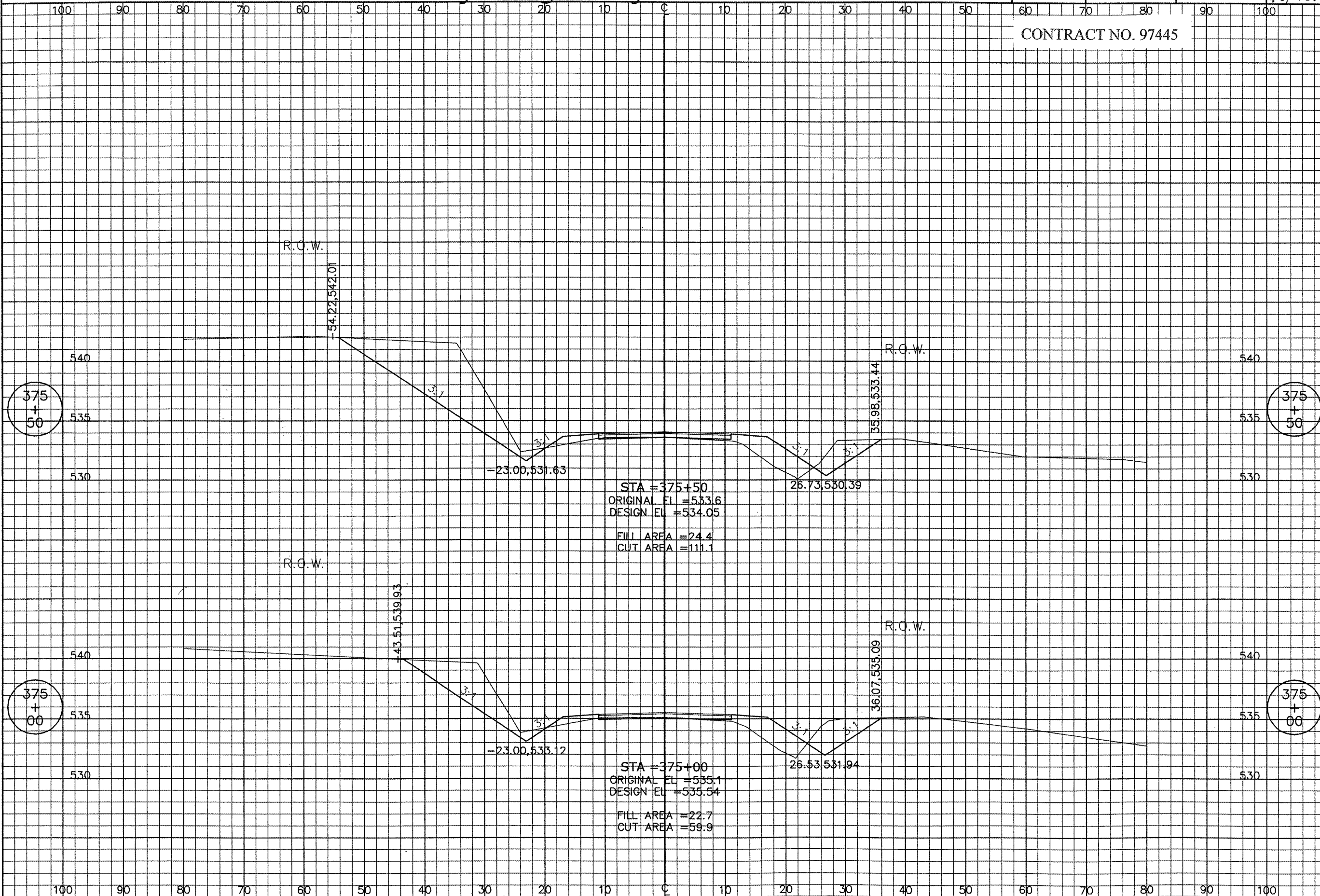
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
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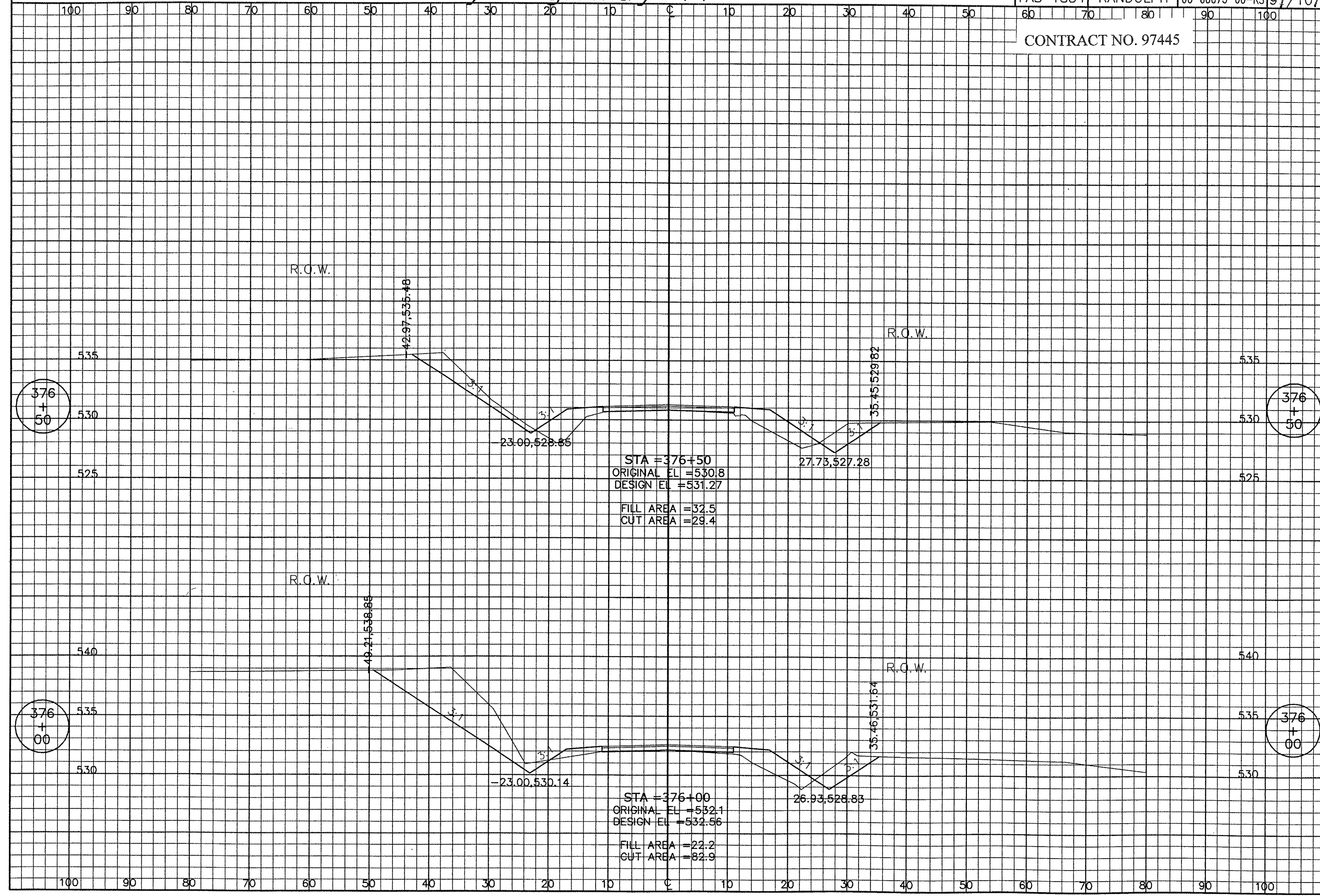
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	9 / 10

CONTRACT NO. 97445

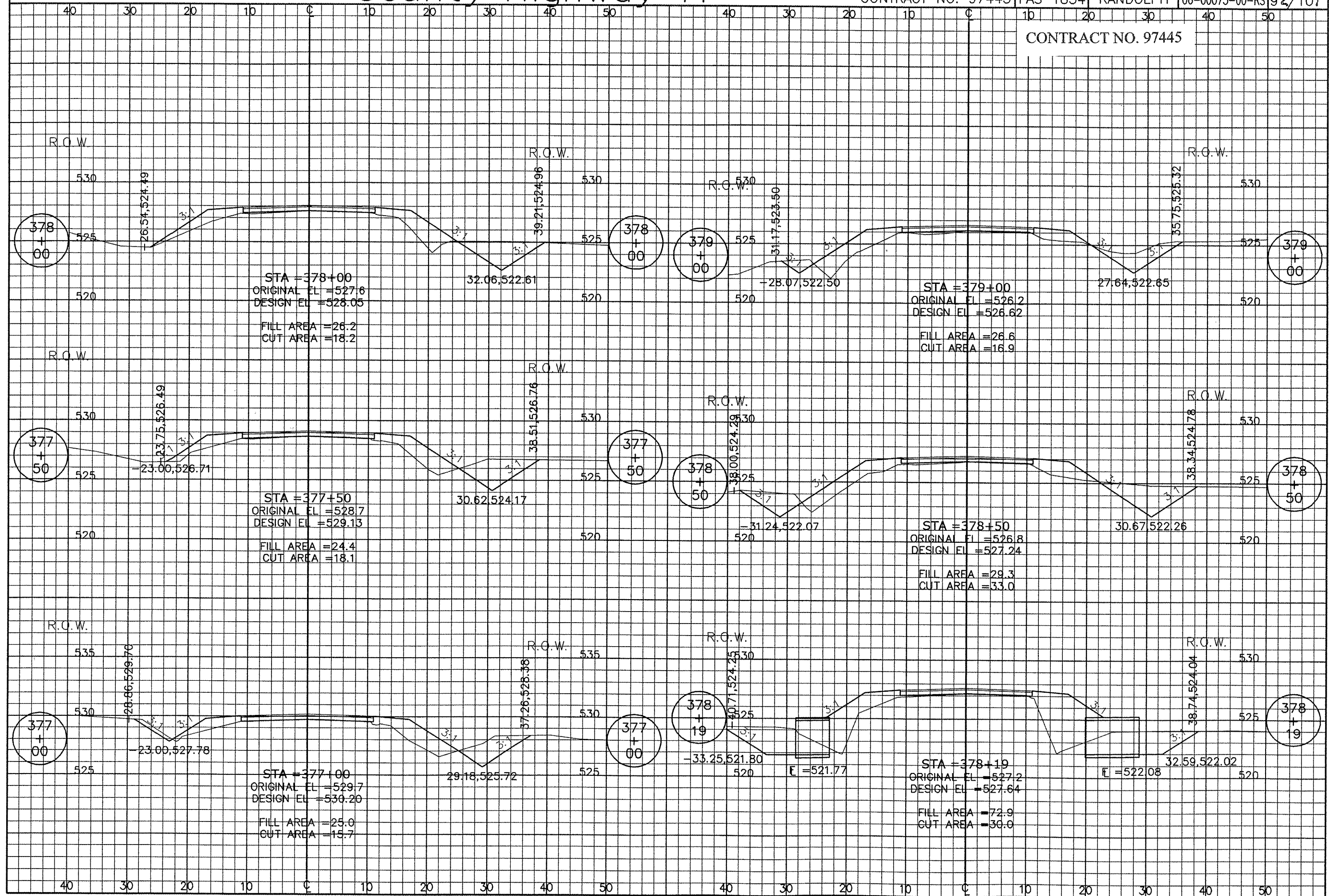


County Highway 11

CONTRACT NO. 97445

ROUTE	COUNTY	SECTION	SHEET/OF
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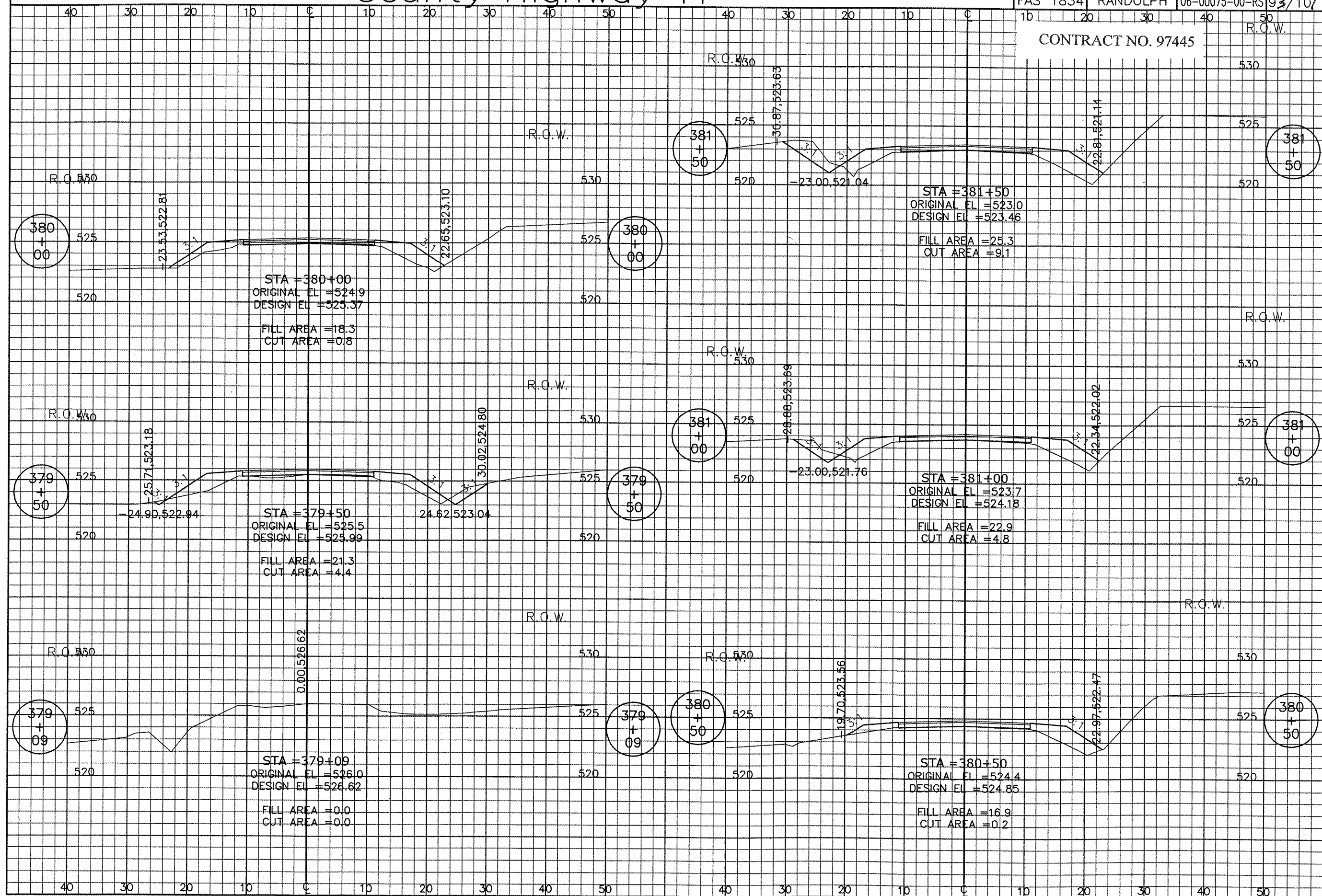
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
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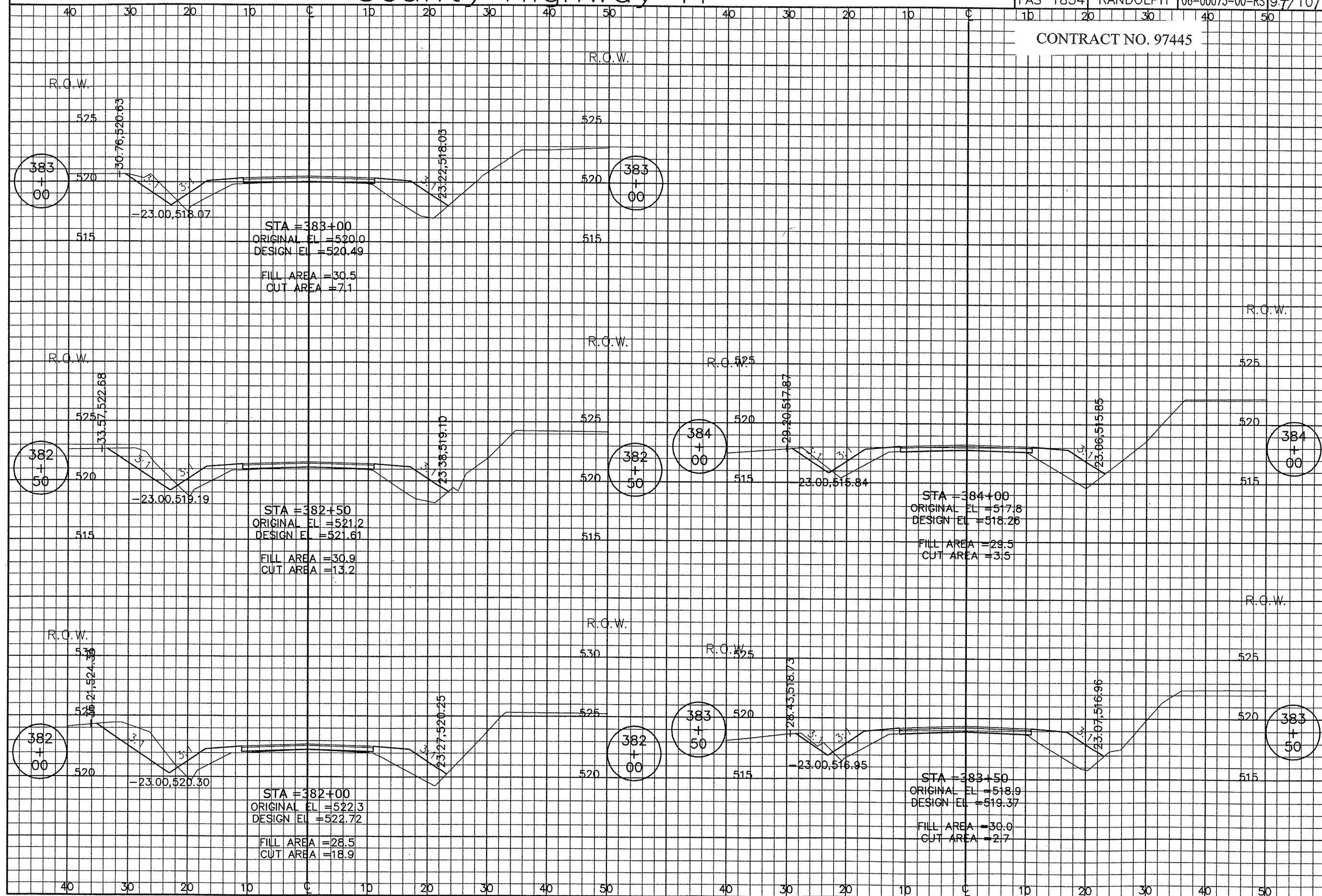
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
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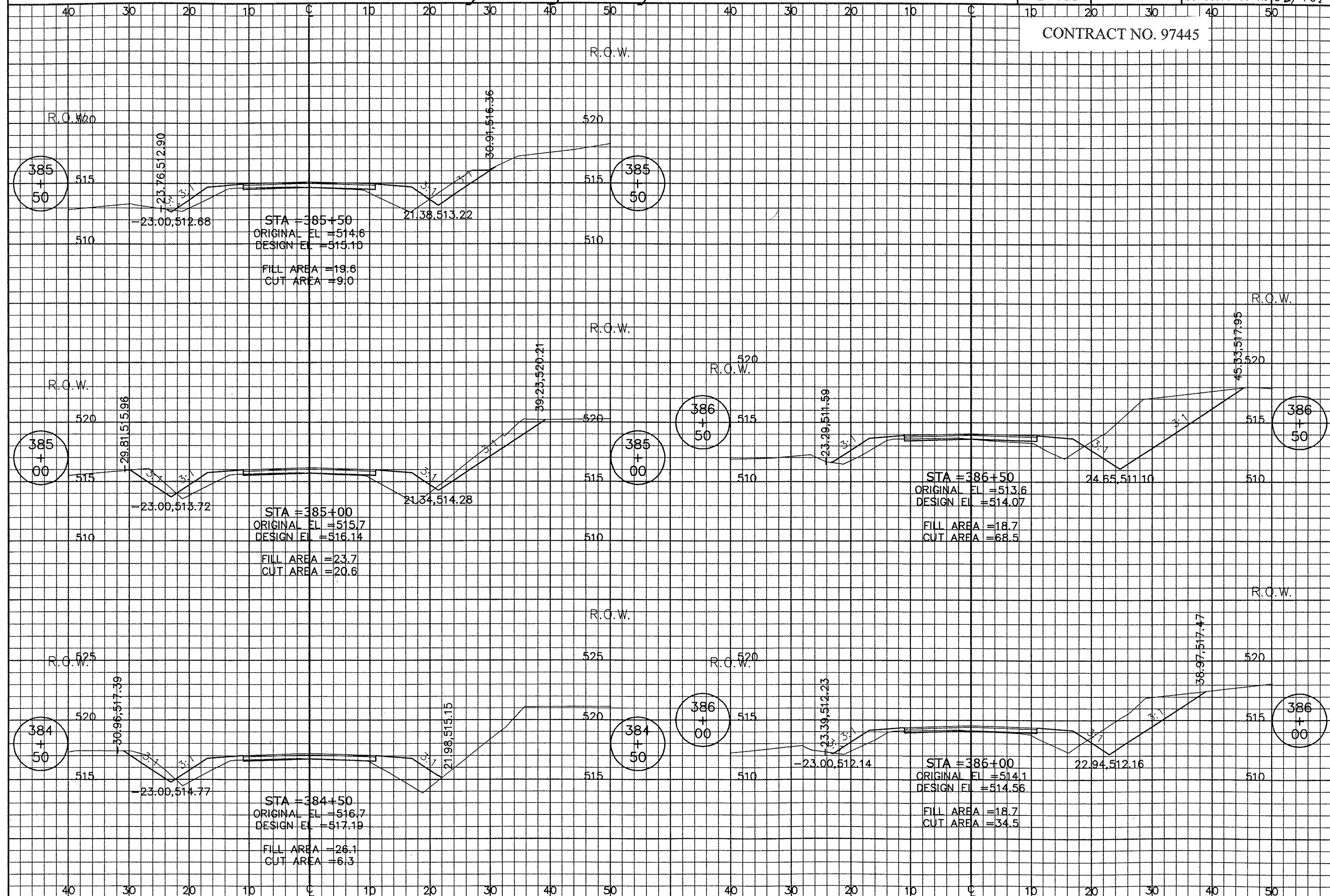
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
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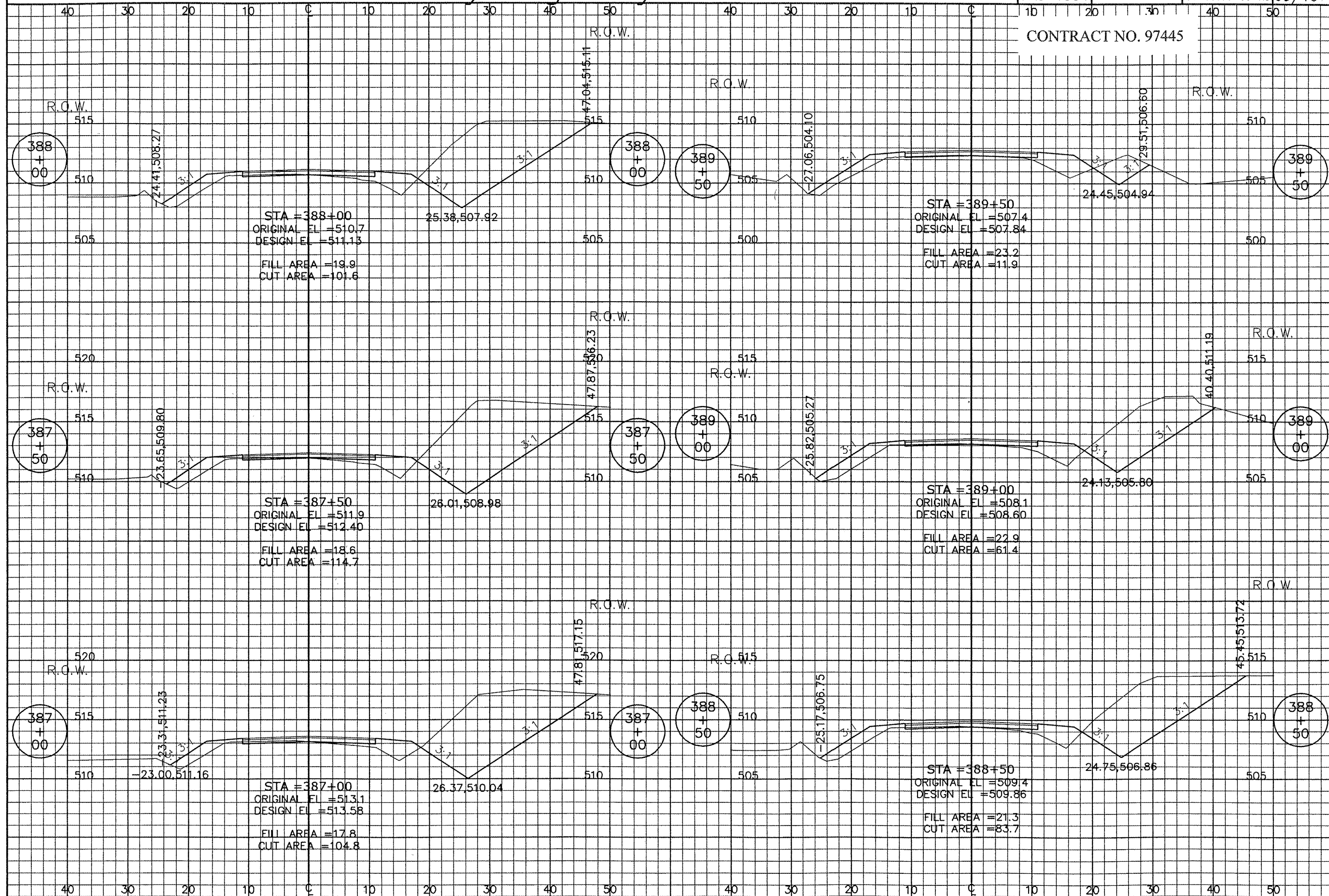
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County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
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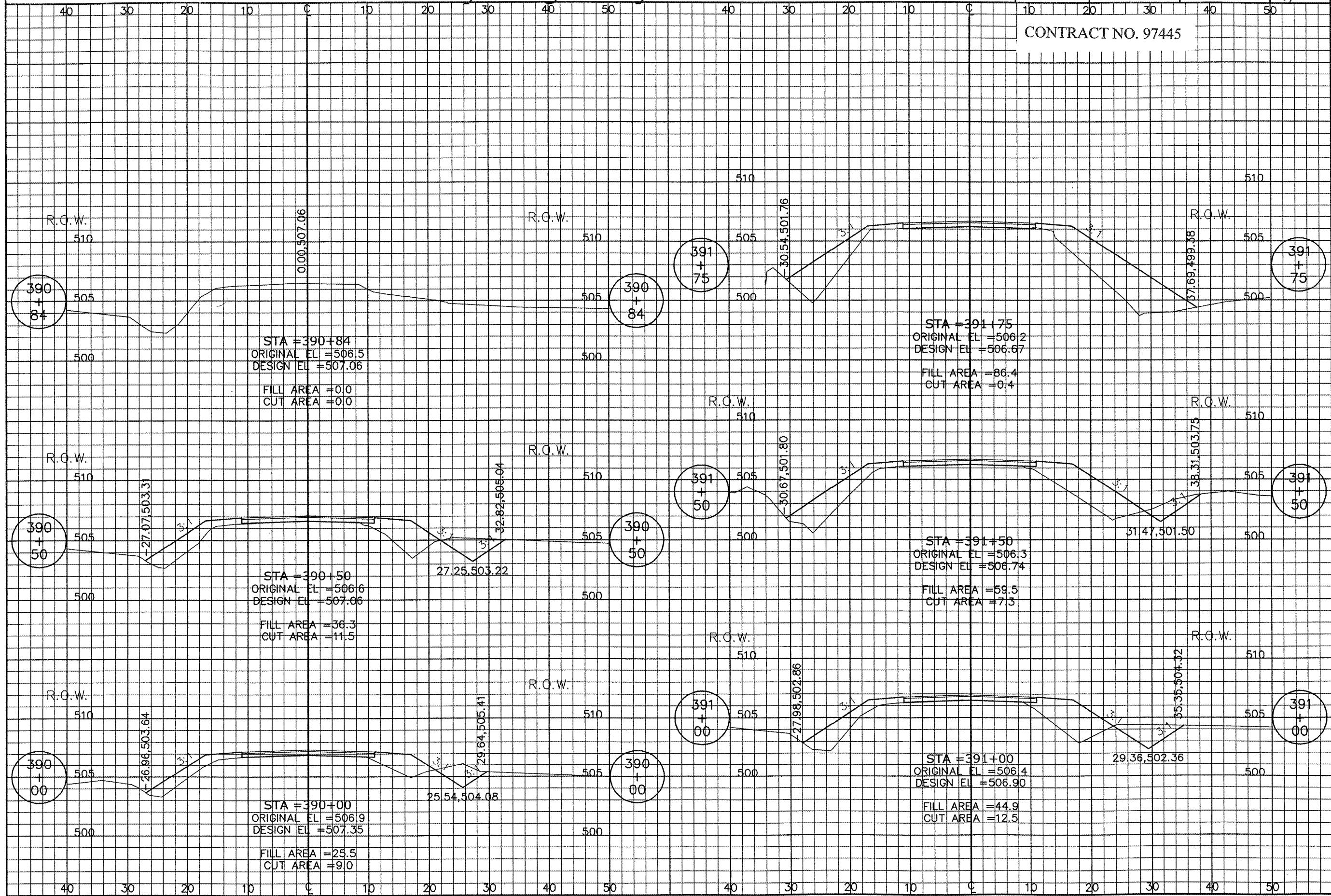
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
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CONTRACT NO. 97445



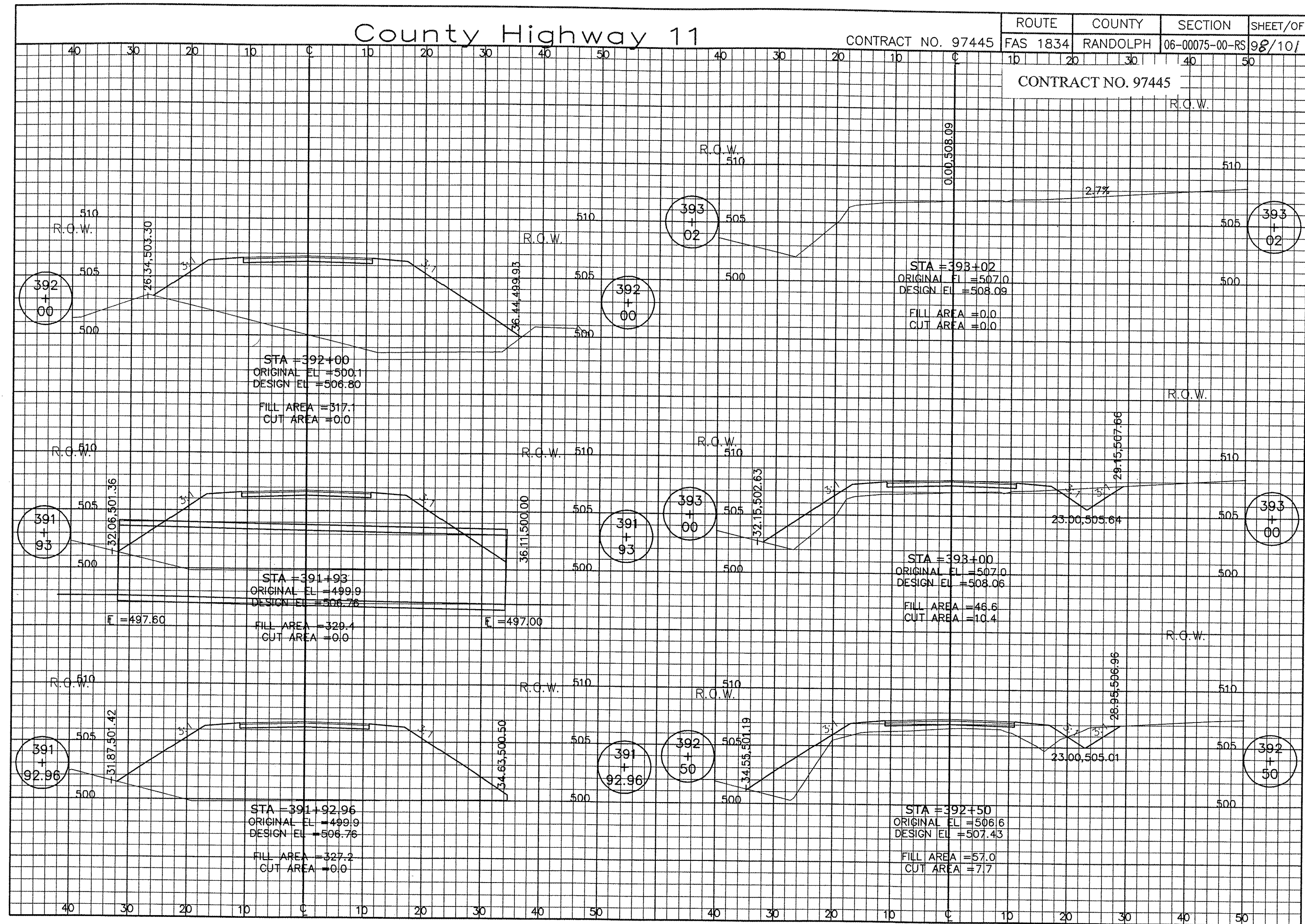
CROSS SECTIONS STA. 390+00 TO STA. 391+75

County Highway 11

CONTRACT NO. 97445

ROUTE	COUNTY	SECTION	SHEET/OF
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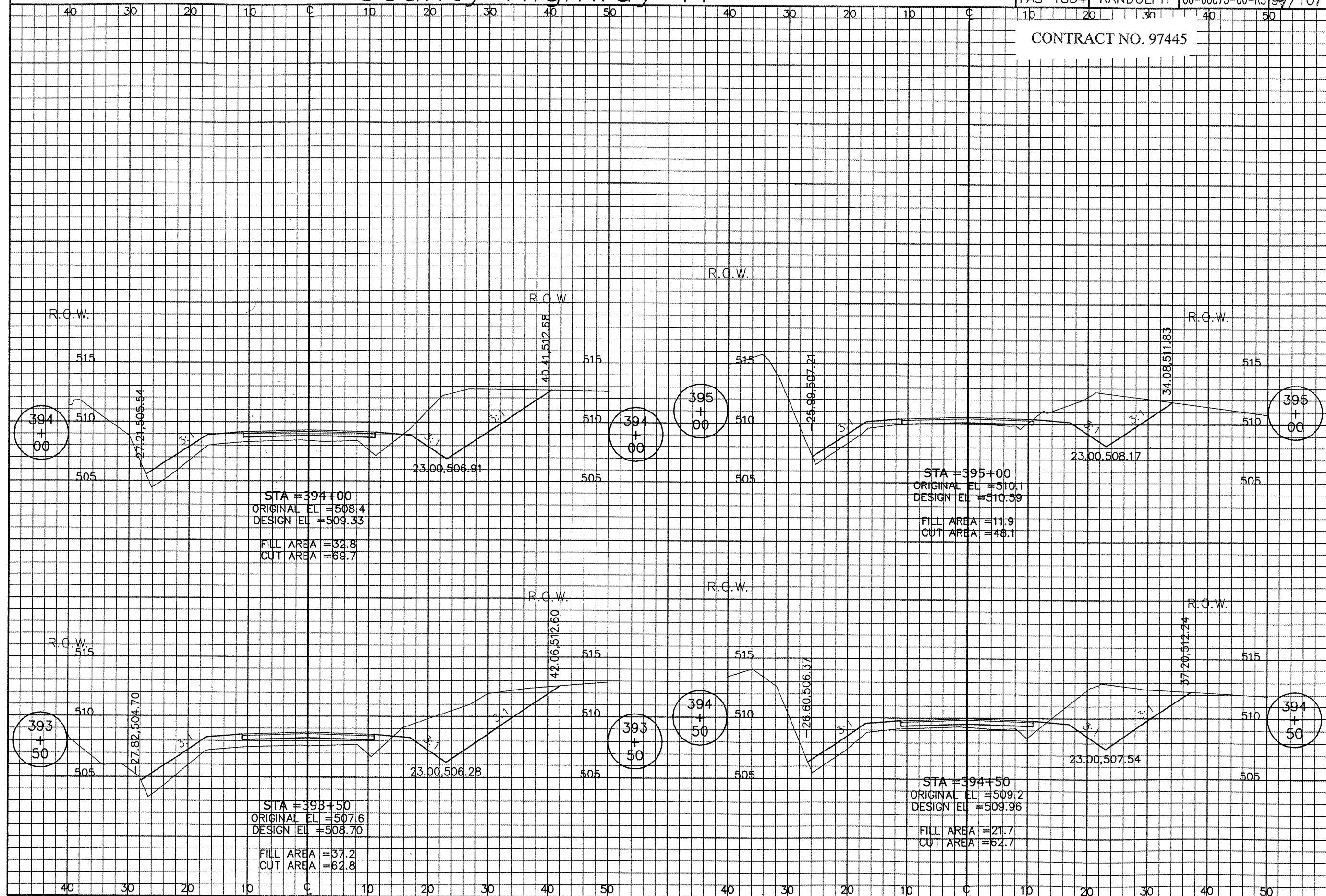
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	99/101

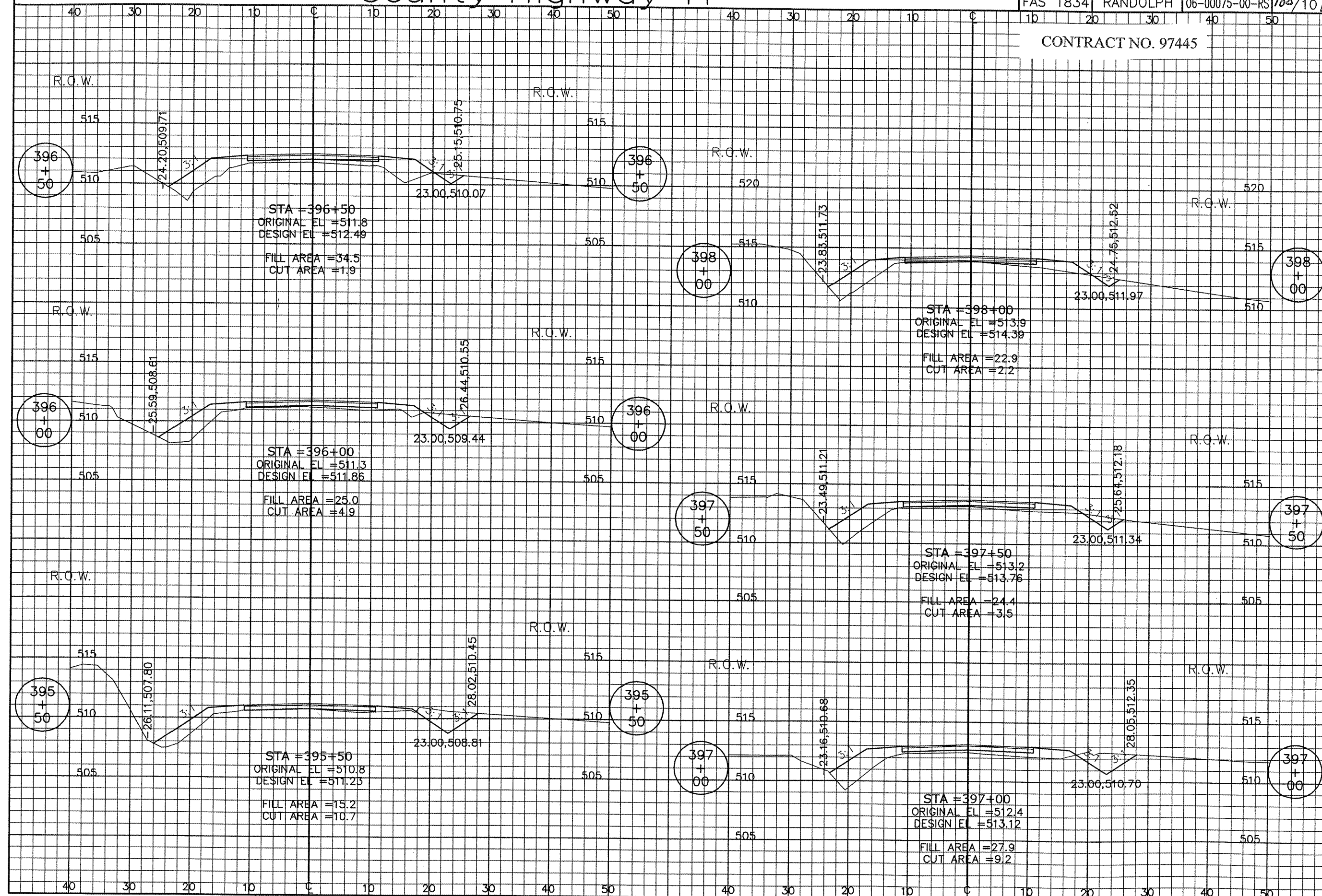
CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	100/101

CONTRACT NO. 97445



County Highway 11

ROUTE	COUNTY	SECTION	SHEET/OF
FAS 1834	RANDOLPH	06-00075-00-RS	101/101

CONTRACT NO. 97445

