

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00058-00-GR	JERSEY	57	1
FEDERAL AID PROJECT		ILLINOIS	CONTRACT NO. 97682	
• VARIOUS				

INDEX OF SHEETS

SHEET NO.	TITLE
1	COVER SHEET
2	GENERAL NOTES AND STANDARDS
3	SUMMARY OF QUANTITIES
4	TYPICAL CROSS SECTIONS
5-8	SCHEDULES OF QUANTITIES
9-10	LOCATION MAPS
11-32	PLAN SHEETS
33-57	CROSS SECTIONS

SEE SHEET 2 FOR LIST OF ILLINOIS
DOT HIGHWAY STANDARDS

UTILITY CONTACTS:

UTILITY TYPE:

ELECTRIC
M.J.M. ELECTRIC COOP
ATT: GAGE GWILLIAM
PHONE: (217) 707-6033

UTILITY TYPE:

ELECTRIC
AMEREN CIPS
ATT: MARTIN FULLER
PHONE: (618) 236-6281

UTILITY TYPE:

WATER
JERSEY COUNTY RURAL WATER
ATT: GREG BATES
PHONE: (618) 498-9534

UTILITY TYPE:

TELEPHONE
GRAFTON TELEPHONE COMPANY
ATTN: MIKE ARNOLD
PHONE: (618) 786-3311

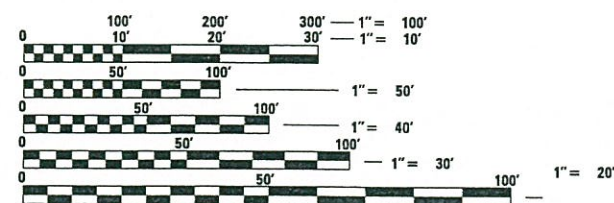
UTILITY TYPE:

TELEPHONE
FRONTIER COMMUNICATIONS
ATT: KALIN HINSHAW
PHONE: (815) 895-1515

UTILITY TYPE:

TELEPHONE
ATT/DISTRIBUTION
ATT: G11629@att.com

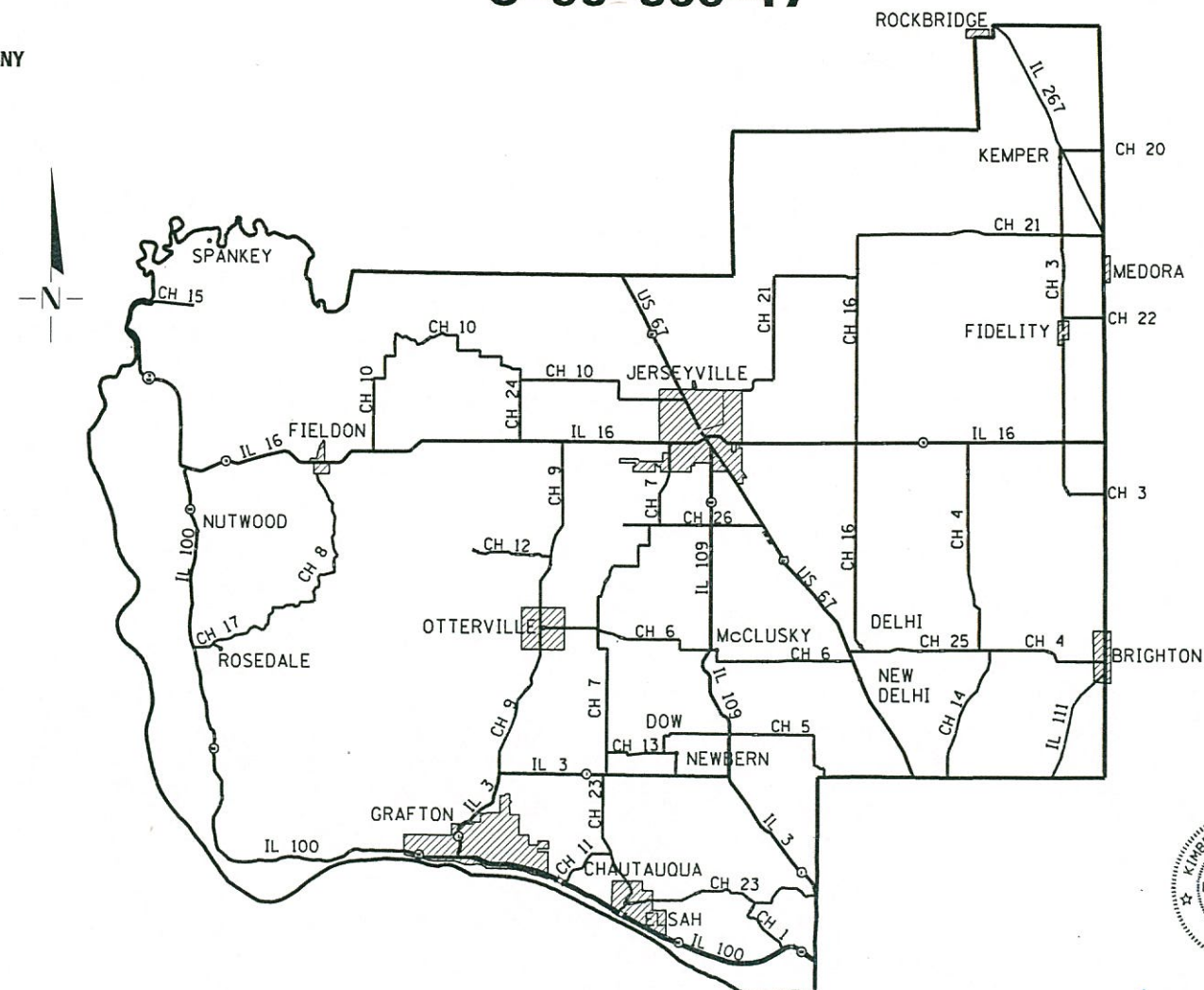
PLANS FOR PROPOSED
FEDERAL-AID PROJECT
HSIP FUNDS
VARIOUS ROUTES
SECTION 17-00058-00-GR
PROJECT 6L6T(586)
JERSEY COUNTY
C-98-300-17



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 SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

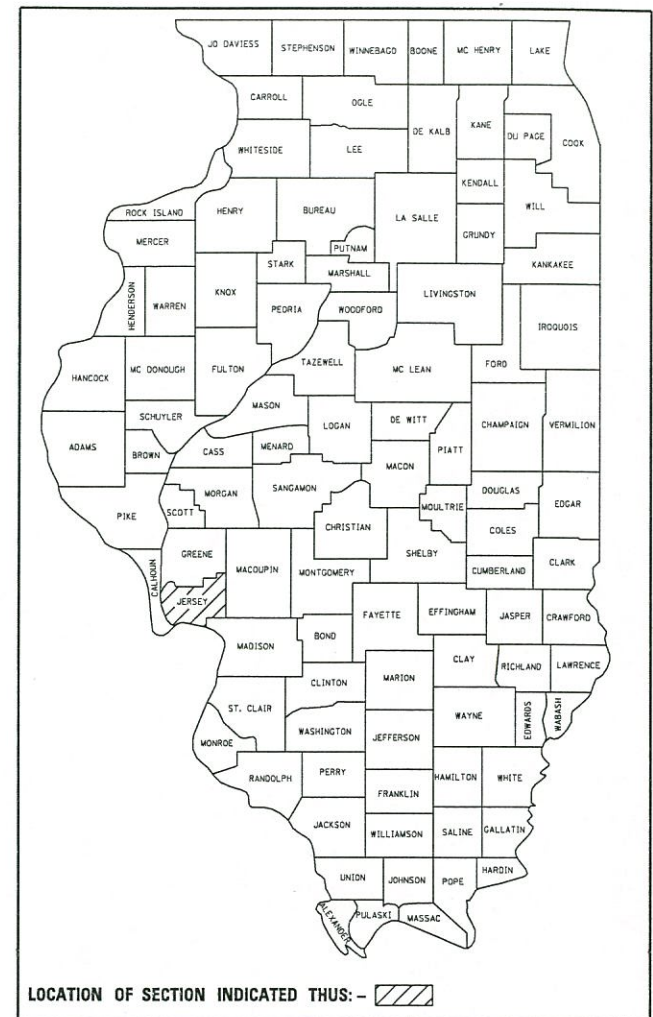
CEC Cummins
Engineering
Corporation
Civil and Structural Engineering



LAYOUT
JERSEY COUNTY
COUNTY WIDE
(NOT TO SCALE)



Kimberly S. Cummins 10/5/18
ILLINOIS PROFESSIONAL NO. 56816
(Expires 11/30/19)



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED October 3 . 20 18
Thomas J. Hamey
JERSEY COUNTY ENGINEER

PASSED Nov 9 . 20 19
Anthony J. Hamey
DISTRICT EIGHT ENGINEER OF
LOCAL ROADS AND STREETS

RELEASED FOR
BID BASED ON
LIMITED REVIEW
Nov 9 . 20 18
Jeff L. Hamey
REGION FIVE ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
630001-12	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY FROM EDGE OF PAVEMENT
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" AWAY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701901-08	TRAFFIC CONTROL DEVICES
720006-04	SIGN PANEL ERECTION DETAILS
725001-01	OBJECT AND TERMINAL MARKERS
728001-01	TELESCOPING STEEL SIGN SUPPORT
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR 26-3	STEEL PLATE BEAM GUARDRAIL, 29" HEIGHT
BLR 27-1	TRAFFIC BARRIER TERMINAL TYPE 5A

1. THIS PROJECT IS LOCATED ON VARIOUS ROUTES IN JERSEY COUNTY. THE WORK INCLUDED IN THE SECTION CONSISTS OF VARIOUS TYPES OF GUARDRAIL REMOVAL, REPLACEMENT, AND ALL OTHER WORK NECESSARY TO COMPLETE THE PROJECT.
2. NO MATERIAL SHALL BE LEFT ON OR NEAR THE ROADWAY DURING NON-WORKING HOURS.
3. ANY NECESSARY TRAFFIC CONTROL WILL BE PROVIDED BY THE CONTRACTOR. APPROPRIATE STANDARDS ARE INCLUDED IN THE PLANS AND CONTRACT DOCUMENTS.
4. ILLINOIS STATE LAW REQUIRES 48 HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. (PHONE 800-892-0123) OR FOR NON-MEMBERS THE UTILITY COMPANY DIRECTLY.
5. WHEN NO WORK IS BEING PERFORMED, THE FLAGGERS WILL NOT BE REQUIRED. IF THE FLAGGERS ARE NOT PRESENT, THE FLAGGER SIGNS SHALL BE REMOVED OR COVERED.
6. NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED, EXCEPT AS SPECIFIED FOR LOCATION NO. 16
7. ARTICLE 701.20 OF THE STANDARD SPECIFICATIONS DISCUSSES AN ADJUSTED UNIT PRICE. NO ADJUSTMENTS SHALL BE MADE TO THE TRAFFIC CONTROL AND PROTECTION PAY ITEMS FOR THIS CONTRACT.
8. THE CONTRACTOR IS ADVISED THAT THE GUARDRAIL AND TERMINAL PAY ITEMS INCLUDED IN THE PLANS WILL BE USED TO REPLACE STEEL PLATE BEAM GUARDRAIL AND TRAFFIC BARRIER TERMINALS FOR EITHER CURRENT MIDWEST STYLES OR STEEL PLATE BEAM GUARDRAIL AND TRAFFIC BARRIER TERMINALS INSTALLED PRIOR TO JANUARY 1, 2007. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR UTILIZING THE CURRENT MIDWEST STANDARDS.
9. THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES IN AREAS TO BE SEEDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF FURNISHED EXCAVATION.
10. ALL EXCAVATED MATERIAL, WHICH INCLUDES DIGGING OR GRADING OF ANY SOIL OR FILL MATERIAL, WITH THE EXCEPTION OF AGGREGATE FILLS, MUST BE INCORPORATED WITHIN THE RIGHT OF WAY DUE TO ENVIRONMENTAL DOCUMENTATION REQUIREMENTS.
11. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE REVISION NUMBER SHOWN IN THE LIST OF ILLINOIS DOT HIGHWAY STANDARDS OR THE COPY INCLUDED IN THESE PLANS.
12. GUARDRAIL POSTS THAT NEED TO BE DRIVEN THROUGH EXISTING HOT-MIX ASPHALT SHOULDERS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF STEEL PLATE BEAM GUARDRAIL.
13. REMOVED GUARDRAIL THAT IS NOT REPLACED ON THE SAME DAY MUST BE DELINEATED WITH LIGHTED BARRICADES. NO LOCATIONS SHALL BE LEFT WITHOUT EITHER LIGHTED BARRICADES OR RESTORED GUARDRAIL AT ANY TIME.
14. FURNISHED EXCAVATION, AS SHOWN, IS FOR CONSTRUCTION OF THE PROPOSED SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS AND FOR SHOULDER WIDENING ALONG STEEL PLATE BEAM GUARDRAIL AS NEEDED. SHOULDER WIDENING AT TYPE 1 (SPECIAL) TERMINALS SHALL BE AS SHOWN ON STANDARD 630301. SHOULDER WIDENING AT STEEL PLATE BEAM GUARDRAIL TYPE A, SIX FOOT POSTS WILL BE TWO FEET BEHIND THE POST AS SHOWN ON STANDARD 630001. SHOULDER WIDENING AT STEEL PLATE BEAM GUARDRAIL TYPE A, NINE FOOT POSTS WILL BE TO THE FACE OF THE POST AS SHOWN ON STANDARD 630001. QUANTITIES SHOWN ARE APPROXIMATE.
15. ALL REMOVED CURLED END SECTIONS SHALL BE SALVAGED AND DELIVERED TO THE JERSEY COUNTY HIGHWAY DEPARTMENT. REMOVAL OF EXISTING CURLED END SECTIONS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE VARIOUS PAYITEMS.

COMMITMENTS

NONE AT THIS TIME

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE
				HSIP FUNDS 90% FEDERAL 10% LOCAL ROADWAY 0021 RURAL
Δ 20400800	FURNISHED EXCAVATION	CU YD	2,635	2,635
Δ 21400100	GRADING AND SHAPING DITCHES	FOOT	145	145
Δ 25100630	EROSION CONTROL BLANKET	SQ YD	434	434
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	225	225
28000305	TEMPORARY DITCH CHECKS	FOOT	8	8
Δ 28000400	PERIMETER EROSION BARRIER	FOOT	10,576	10,576
Δ 28000500	INLET AND PIPE PROTECTION	EACH	10	10
Δ 50105220	PIPE CULVERT REMOVAL	FOOT	61	61
Δ 54200220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	532	532
Δ 54200223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	114	114
63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	712.5	712.5
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	4,125.0	4,125.0
63000009	STEEL PLATE BEAM GUARDRAIL, TYPE B, 9 FOOT POSTS	FOOT	150.0	150.0
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	9	9
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	103	103
63200310	GUARDRAIL REMOVAL	FOOT	7,263	7,263

• SEE SPECIAL PROVISIONS

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE
				HSIP FUNDS 90% FEDERAL 10% LOCAL ROADWAY 0021 RURAL
67100100	MOBILIZATION	L SUM	1	1
• 70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
• 70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	1
72500300	OBJECT MARKER - TYPE 3	EACH	12	12
72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	103	103
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	192	192
78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	236	236
78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	32	32
• X0326519	STEEL RAILING REMOVAL	FOOT	208	208
Δ • X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	2.25	2.25
• X6300130	STEEL PLATE BEAM GUARDRAIL, TYPE A (SPECIAL)	FOOT	200.0	200.0
• X6300210	GUARDRAIL BLOCKS	EACH	228	228
• X6331007	REMOVAL AND REPLACEMENT OF STEEL PLATE BEAM GUARDRAIL, RAIL ELEMENT	FOOT	125.0	125.0
# Z0076600	TRAINEES	HOURL	1,000	1,000
# Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL	1,000	1,000

• SEE SPECIAL PROVISIONS

Δ SPECIALTY ITEMS

#0042



JOB = 2465.1	DESIGNED - NAK	REVISED -
FILE NAME = 2465.1-shrt-gen.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - NAK	REVISED -
PLOT DATE = 11/5/2016	DATE - 6/23/2017	REVISED -

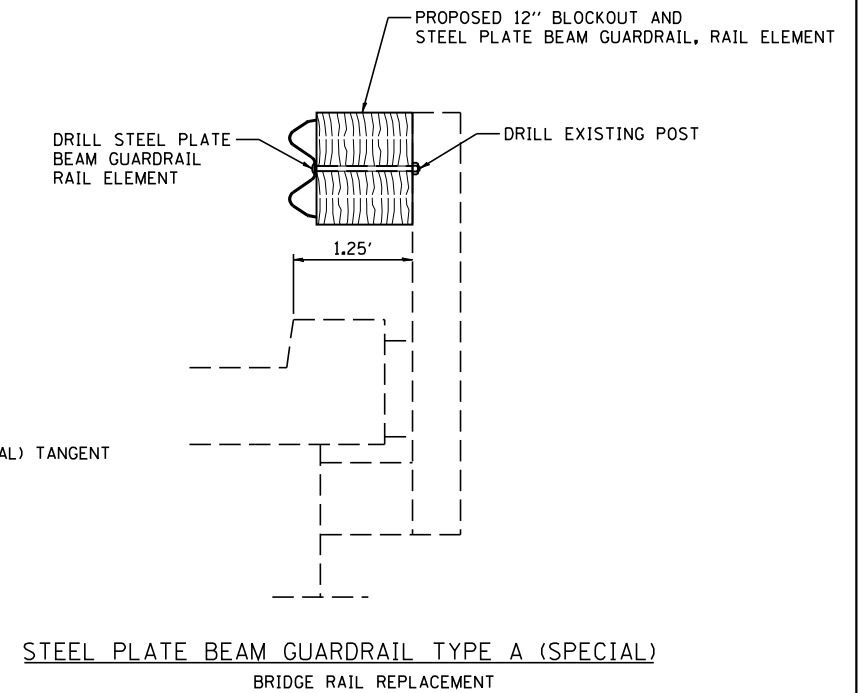
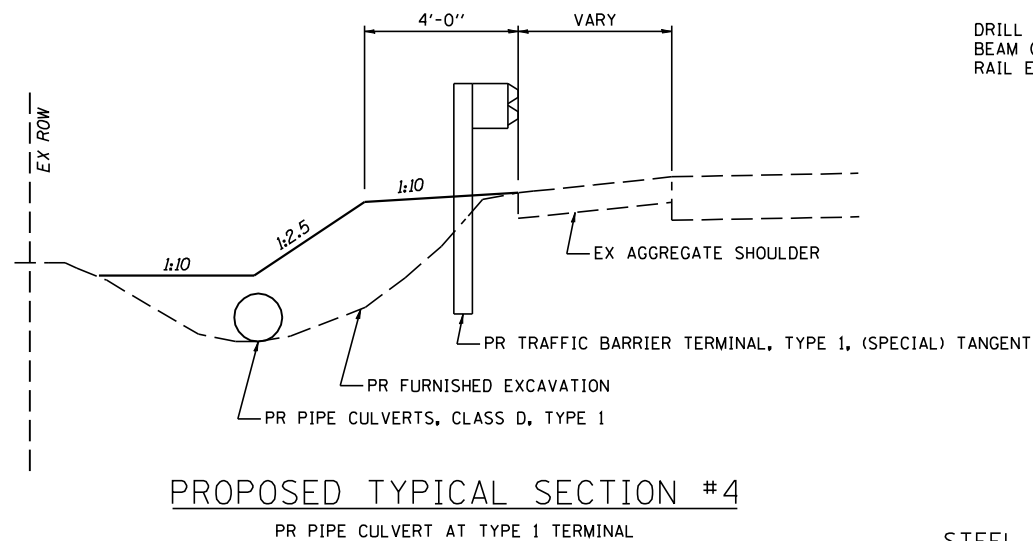
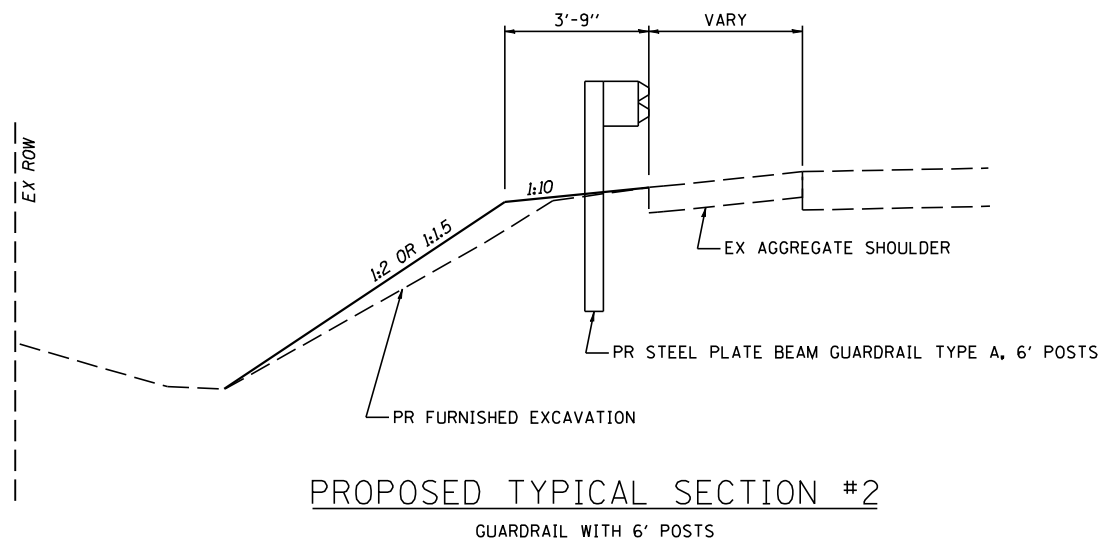
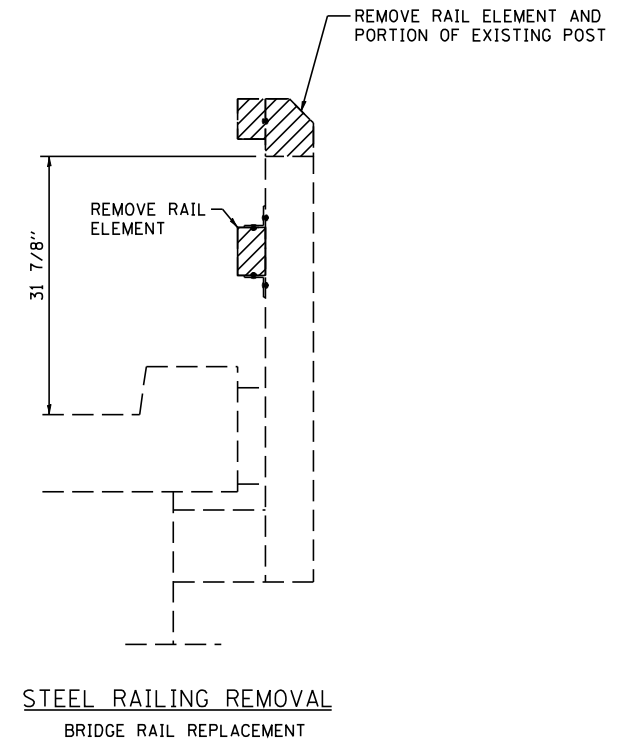
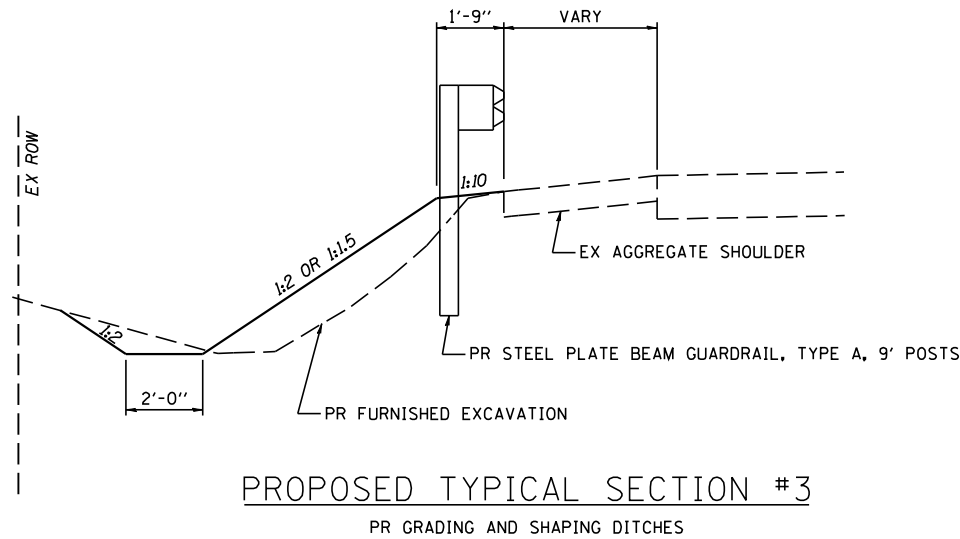
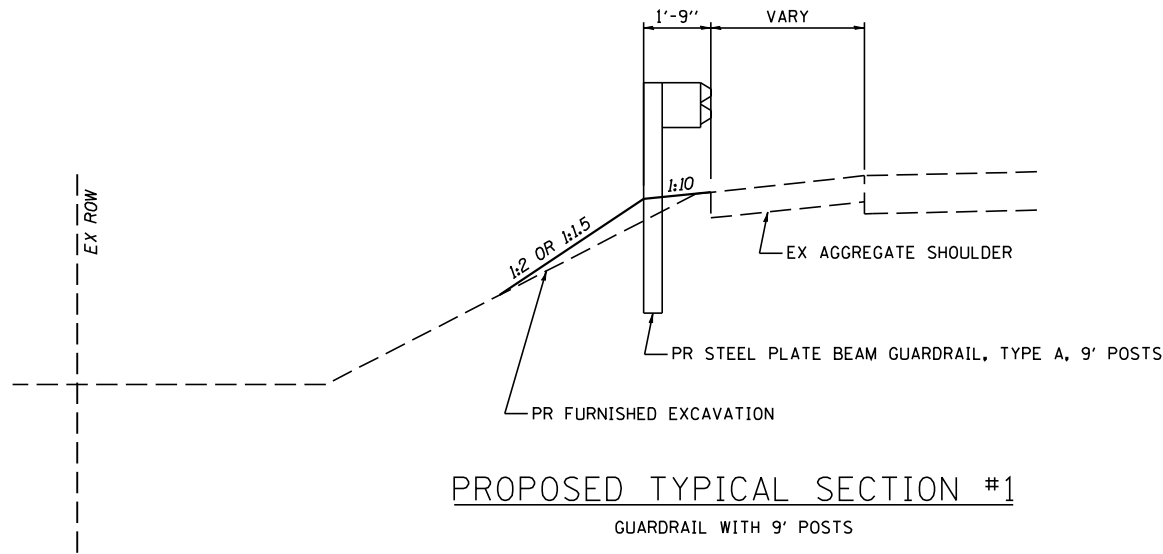
JERSEY COUNTY
GUARDRAIL IMPROVEMENTS

SUMMARY OF QUANTITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

• VARIOUS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	17-00058-00-GR	JERSEY	57	3
CONTRACT NO. 97682				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



GUARDRAIL SCHEDULE

LOCATION NUMBER	QUADRANT (NE, SE, NW, SW, LEFT, RIGHT)	SPBGR TY A 6' POSTS	SPBGR TY A 9' POSTS	SPBGR TY B 9' POSTS	REM & REPL SPBGR, RAIL ELEMENT	STEEL RAILING REMOVAL	SPBGR TY A (SPECIAL)	TBT TY 1 (SPECIAL) TANGENT		TBT TYPE 2	TBT TYPE 5A	GUARDRAIL REMOVAL	GUARDRAIL REFLECTORS, TYPE A	TERMINAL MARKER - DIRECT APPLIED	BARRIER WALL REFLECTORS, TYPE C	OBJECT MARKER - TYPE 3	TELESCOPING STEEL SIGN SUPPORT	GUARDRAIL BLOCKS
								37.5'	50'									
		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	FOOT	EACH	EACH	EACH	EACH	FOOT	EACH
1	NW	12.5							1			37.5	4	1				5
	SW								1			37.5		1				5
	SE	37.5							1			37.5	4	1				5
	NE								1			37.5		1				5
3	NW								1			25		1				5
	SE	12.5							1			25	4	1				5
4	NW			25.0	25.0				1			50	4	1				
	SW								1			50		1				
	SE			25.0	25.0				1			50	4	1				
	NE								1			50		1				
5	SE	25.0						1	2		1	50	4	3				
	NE								1		1		4	1				
	NW		50.0						1			25	4	1				5
	SW								1		1		4	1				
11	NE	62.5							1			25	4	1				5
	NW	12.5							1			25	4	1				5
	SW	62.5							1			25	4	1				5
	SE	12.5							1			25	4	1				5
12	SW		25.0						1			25	4	1				5
	SE							1	2			25		3				5
	NE	62.5							3			25	4	3				5
	NW								1			25		1				5
13	SW		37.5						1			25	4	1				5
	SE								1			25		1				5
	NE		37.5						1			25	4	1				5
	NW								1			25		1				5
14	NE															1	16	
	NW														6	1	16	
	SW														6	1	16	
	SE															1	16	
15	NE															1	16	
	NW														6	1	16	
	SW														6	1	16	
	SE															1	16	
16	NW			25.0					1				4	1				
	NE			25.0					1				4	1				
	SE			25.0		104	100		1				4	1				
	SW			25.0		104	100		1				4	1				
19	NE	25.0							1			25	4	1				5
	NW	100.0							1			150	4	1				5
	SW	87.5							1			137.5	4	1				5
	SE																	8
20	NW								1			75		1				5
	SW								1			62.5		1				5
	SE								1			62.5		1				5
	NE								1			75		1				5

CONTINUES

GUARDRAIL SCHEDULE

LOCATION NUMBER	QUADRANT (NE, SE, NW, SW, LEFT, RIGHT)	SPBGR TY A 6' POSTS	SPBGR TY A 9' POSTS	SPBGR TY B 9' POSTS	REM & REPL SPBGR, RAIL ELEMENT	STEEL RAILING REMOVAL	SPBGR TY A (SPECIAL)	TBT TY 1 (SPECIAL) TANGENT		TBT TYPE 2	TBT TYPE 5A	GUARDRAIL REMOVAL	GUARDRAIL REFLECTORS, TYPE A	TERMINAL MARKER - DIRECT APPLIED	BARRIER WALL REFLECTORS, TYPE C	OBJECT MARKER - TYPE 3	TELESCOPING STEEL SIGN SUPPORT	GUARDRAIL BLOCKS
								37.5'	50'									
		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	FOOT	EACH	EACH	EACH	EACH	FOOT	EACH
21	NE															1	16	
	NW												4		4	1	16	
	SW												4		4	1	16	
	SE															1	16	
22	RIGHT		537.5						2			637.5	7	2				
	LEFT		237.5						2			337.5	4	2				
23	LEFT		200.0						2			300	4	2				
	RIGHT		50.0						2			150	4	2				
24	LEFT		262.5						2			362.5	4	2				
	RIGHT		237.5						2			337.5	4	2				
25	LEFT		137.5						2			237.5	4	2				
26	RIGHT		287.5						2			387.5	4	2				
28	RIGHT		700.0						2			800	9	2				
	LEFT		200.0						2			300	4	2				
30	LEFT		187.5						2			287.5	4	2				
	LEFT		300.0						2			400	4	2				
	RIGHT		262.5						2			362.5	4	2				
31	NE								1			25		1				5
	SE							1				25		1				5
	NW							1				37.5		1				5
	SW							1				37.5		1				5
32	NE	12.5							1			25	4	1				5
	NW								1			25		1				5
	SW	12.5							1			25	4	1				5
	SE								1			25		1				5
36	SE							1	1			112.5		2				
41	SE		37.5						1			25	4	1				5
	NE								1	1			4	1				
	NW		37.5						1			25	4	1				5
	SW								1	1			4	1				
42	NE		37.5						1		1		4	1				
	NW								1		1		4	1				
	SW		37.5						1		1		4	1				
	SE								1		1		4	1				
43	NE		12.5		37.5				3			12.5	4	3				
	NW								1					1				
	SW		12.5		37.5				2	1			4	2				
	SE								1					1				
44	SW	37.5							1			25	4	1				5
	SE							1				25		1				5
	NE	37.5							2	1		25	4	2				5
	NW								1			25		1				5
45	SE		100.0						1			150	4	1				5
	NE		50.0						1			100	4	1				5
	NW	100.0							1			150	4	1				5
	SW		50.0						1			100	4	1				5
TOTAL		712.5	4,125.0	150.0	125.0	208	200.0	7	96	2	9	7,262.5	236	103	32	12	192	228
ROUNDED TOTAL								103				7,263						

EARTHWORK SCHEDULE

LOCATION NUMBER	QUADRANT (NE, SE, NW, SW, LEFT, RIGHT)	FURNISHED EXCAVATION	TYPICAL CROSS SECTION OR STANDARD
		CU YD	
1	NW	15	2, STD 630301
	SW	30	STD 630301
3	NW	10	STD 630301
	SE	25	2, STD 630301
4	NW	55	1, STD 630301
	SW	10	STD 630301
	SE	30	1, STD 630301
	NE	30	STD 630301
5	SE	35	3, 4, STD 630301
	NE	65	STD 630301
	NW	85	1, STD 630301
	SW	35	STD 630301
8	NW	10	STD 630301
	SW	10	STD 630301
9	NW	20	STD 630301
	NE	5	STD 630301
10	SE	30	STD 630301
11	NE	5	2, STD 630301
	NW	5	2, STD 630301
	SW	5	2, STD 630301
	SE	5	2, STD 630301
12	SW	5	1, STD 630301
	SE	85	STD 630301
	NE	10	STD 630301
	NW	15	STD 630301
13	SW	20	1, STD 630301
	NE	5	1, STD 630301
	NW	10	STD 630301
16	NW	10	1, STD 630301
	NE	55	1, STD 630301
	SE	20	1, STD 630301
	SW	25	1, STD 630301
20	SW	40	STD 630301
	SE	25	STD 630301
	NE	25	STD 630301
22	RIGHT	55	1, STD 630301
	LEFT	85	1, STD 630301
23	LEFT	45	1, STD 630301
24	LEFT	25	1, STD 630301
	RIGHT	25	1, 4, STD 630301
25	LEFT	10	1, STD 630301
26	RIGHT	240	1, STD 630301
28	RIGHT	110	1, STD 630301
	LEFT	25	1, STD 630301

LOCATION NUMBER	QUADRANT (NE, SE, NW, SW, LEFT, RIGHT)	FURNISHED EXCAVATION	TYPICAL CROSS SECTION OR STANDARD
		CU YD	
30	LEFT	200	1, STD 630301
	LEFT	195	1, 4, STD 630301
	RIGHT	85	1, STD 630301
31	NE	10	4, STD 630301
	SE	5	STD 630301
32	NE	25	2, 4, STD 630301
	NW	10	STD 630301
	SW	15	2, STD 630301
	SE	25	4, STD 630301
34	LEFT	10	STD 630301
36	NW	20	STD 630301
	SE	65	STD 630301
38	RIGHT	15	STD 630301
41	SE	40	STD 630301
	NE	15	STD 630301
	NW	25	STD 630301
	SW	20	STD 630301
42	NE	20	2, STD 630301
	NW	75	STD 630301
	SW	15	2, STD 630301
	SE	10	STD 630301
43	NE	60	4, STD 630301
	NW	75	2, STD 630301
	SW	5	STD 630301
	SE	25	2, 4, STD 630301
44	NW	5	STD 630301
45	SE	5	2, STD 630301
	NE	20	2, STD 630301
	SW	50	2, STD 630301
TOTAL		2,635	

REMOVAL SCHEDULE

LOCATION NUMBER	QUADRANT (NE, SE, NW, SW, LEFT, RIGHT)	PIPE CULVERT REMOVAL
		FOOT
43	NE	40
	SE	21
TOTAL		61

SEEDING SCHEDULE

LOCATION NUMBER	QUADRANT (NE, SE, NW, SW, LEFT, RIGHT)	SEEDING, CLASS 2 (SPECIAL)
		ACRE
1	NW	0.010
	SW	0.020
3	NW	0.006
	SE	0.015
4	NW	0.021
	SW	0.008
	SE	0.022
	NE	0.016
5	SE	0.039
	NE	0.030
	NW	0.036
	SW	0.030
8	NW	0.027
	SW	0.023
9	NW	0.029
	NE	0.011
10	SE	0.027
11	NE	0.009
	NW	0.008
	SW	0.007
	SE	0.006
12	SW	0.021
	SE	0.045
	NE	0.013
	NW	0.013
13	SW	0.022
	NE	0.011
	NW	0.012
16	NW	0.011
	NE	0.036
	SE	0.015
	SW	0.018
20	SW	0.020
	SE	0.019
	NE	0.019
22	RIGHT	0.105
	LEFT	0.089
23	LEFT	0.053
24	LEFT	0.060
	RIGHT	0.030
25	LEFT	0.022
26	RIGHT	0.122
28	RIGHT	0.135
	LEFT	0.038
30	LEFT	0.136
	LEFT	0.139
	RIGHT	0.085

LOCATION NUMBER	QUADRANT (NE, SE, NW, SW, LEFT, RIGHT)	SEEDING, CLASS 2 (SPECIAL)
		ACRE
31	NE	0.011
	SE	0.006
32	NE	0.016
	NW	0.006
	SW	0.007
	SE	0.016
34	LEFT	0.010
36	NW	0.016
	SE	0.039
38	RIGHT	0.015
41	SE	0.026
	NE	0.019
	NW	0.022
	SW	0.022
42	NE	0.015
	NW	0.025
	SW	0.014
	SE	0.011
43	NE	0.062
	NW	0.027
	SW	0.007
	SE	0.012
44	NW	0.006
45	SE	0.019
	NE	0.037
	SW	0.054
TOTAL		2.209
ROUNDED TOTAL		2.25

PIPE CULVERT SCHEDULE

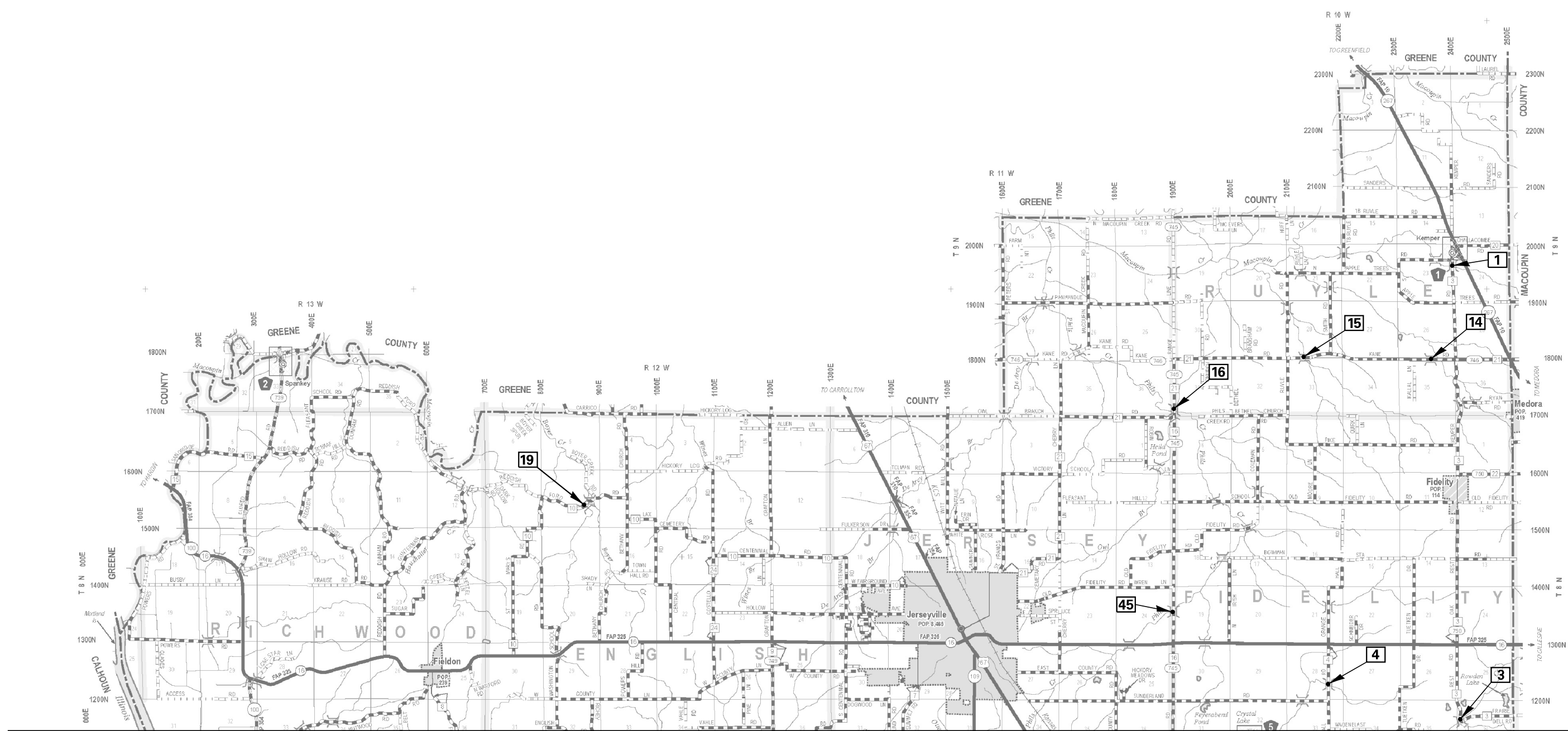
LOCATION NUMBER	QUADRANT (NE, SE, NW, SW, LEFT, RIGHT)	PIPE CULVERTS, CLASS D, TYPE 1 15"	PIPE CULVERTS, CLASS D, TYPE 1 18"
		FOOT	FOOT
5	SE	58	
24	RIGHT	32	
30	LEFT	52	
31	NE	60	
32	NE		44
	NW		70
	SE	54	
43	NE	112	
	NW	70	
	SE	94	
TOTAL		532	114

• VARIOUS

EROSION CONTROL SCHEDULE

LOCATION NUMBER	QUADRANT (NE, SE, NW, SW, LEFT, RIGHT)	PERIMETER EROSION BARRIER	TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	INLET AND PIPE PROTECION	GRADING AND SHAPING DITCHES	EROSION CONTROL BLANKET
		FOOT	POUND	FOOT	EACH	FOOT	SQ YD
1	NW	95	1				
	SW	95	2				
3	NW	74	0.6				
	SE	78	1.5				
4	NW	97	2.1				
	SW	70	0.8				
	SE	92	2.2				
	NE	75	1.6				
5	SE	75	3.9	8	1	15	
	NE	112	3.0				
	NW	132	3.6				
	SW	116	3.0				
8	NW	75	2.7				
	SW	87	2.3				
9	NW	113	2.9				
	NE	43	1.1				
10	SE	91	2.7				
11	NE	85	0.9				
	NW	54	0.8				
	SW	109	0.7				
	SE	61	0.6				
12	SW	116	2.1				
	SE	174	4.5				
	NE	63	1.3				
	NW	60	1.3				
13	SW	124	2.2				
	NE	122	1.1				
	NW	86	1.2				
16	NW	105	1.1				
	NE	122	3.6				
	SE	102	1.5				
	SW	106	1.8				
20	SW	90	2				
	SE	90	1.9				
	NE	85	1.9				
22	RIGHT	651	10.5				
	LEFT	418	8.9				
23	LEFT	299	5.3				61
24	LEFT	418	6.0				
	RIGHT	200	3.0		1		
25	LEFT	317	2.2				
26	RIGHT	491	12.2				
28	RIGHT	729	13.5				
	LEFT	374	3.8				

LOCATION NUMBER	QUADRANT (NE, SE, NW, SW, LEFT, RIGHT)	PERIMETER EROSION BARRIER	TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	INLET AND PIPE PROTECION	GRADING AND SHAPING DITCHES	EROSION CONTROL BLANKET
		FOOT	POUND	FOOT	EACH	FOOT	SQ YD
30	LEFT	403	13.6				
	LEFT	419	13.9		1		261
	RIGHT	453	8.5				
31	NE	13	1.1		1		
	SE	44	0.6				
32	NE	32	1.6		1		
	NW	43	0.6		1		
	SW	49	0.7				
	SE	19	1.6		1		
34	LEFT	62	1				
36	NW	81	1.6				
	SE	207	3.9				
38	RIGHT	121	1.5				
41	SE	67	2.6				
	NE	89	1.9				
	NW	82	2.2				
	SW	97	2.2				
42	NE	126	1.5				
	NW	90	2.5				112
	SW	122	1.4				
	SE	91	1.1				
43	NE	132	6.2		1	130	
	NW		2.7		1		
	SW	47	0.7				
	SE		1.2		1		
44	NW	31	0.6				
45	SE	196	1.9				
	NE	143	3.7				
	SW	146	5.4				
TOTAL		10,576	220.9	8	10	145	434
ROUNDED TOTAL			225				



MATCHLINE - NORTHERN JERSEY COUNTY

(NOT TO SCALE)



JOB = 2465.1	DESIGNED - NAK	REVISED -
FILE NAME = #FILES#	DRAWN - SJS	REVISED -
PLOT SCALE = #SCALE#	CHECKED - NAK	REVISED -
PLOT DATE = #DATE#	DATE - 6/23/2017	REVISED -

**JERSEY COUNTY
GUARDRAIL IMPROVEMENTS**

**LOCATION MAP
NORTHERN JERSEY COUNTY**

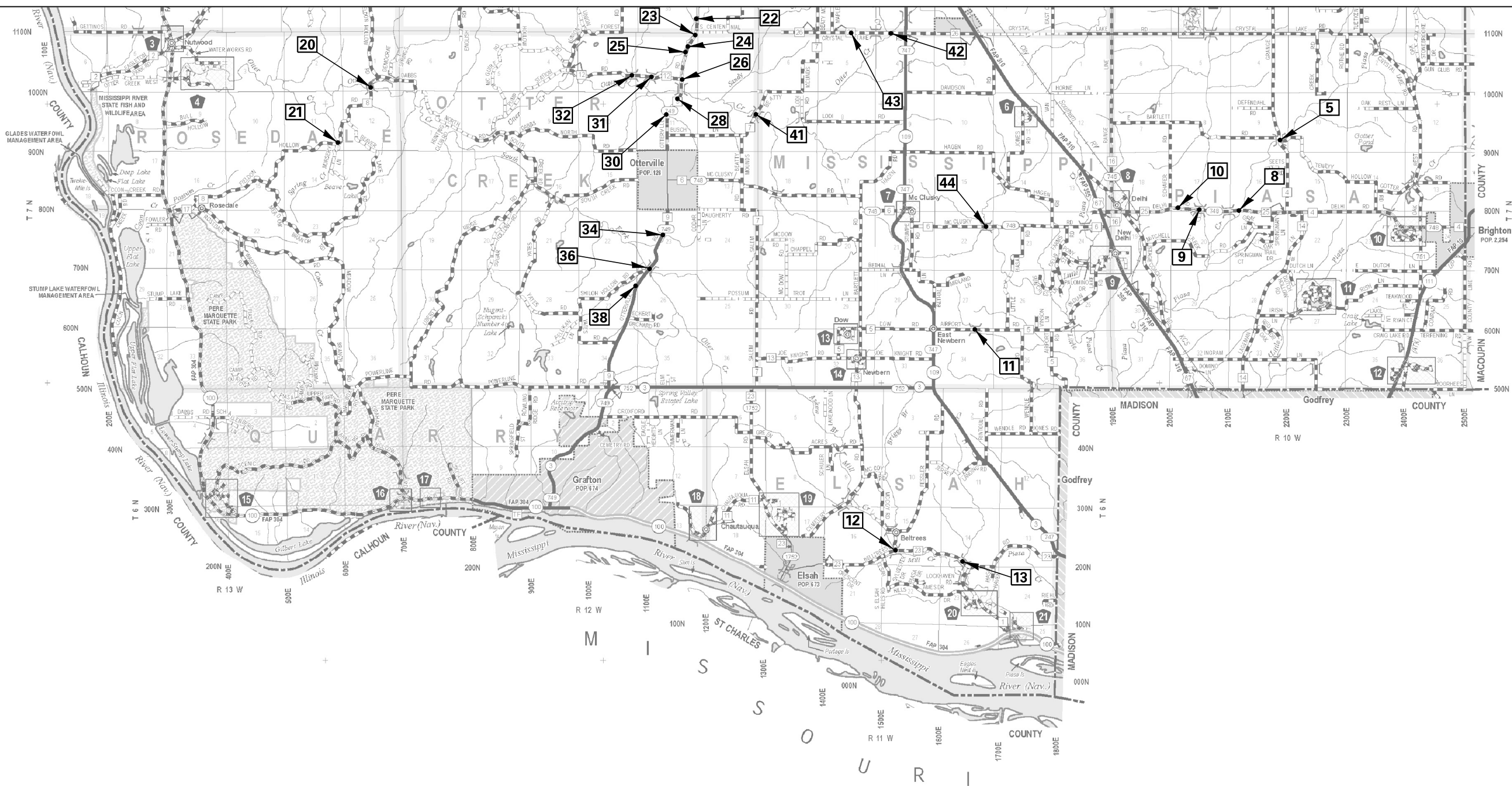
SCALE: SHEET NO. OF SHEETS STA. TO STA.

• VARIOUS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	17-00058-00-GR	JERSEY	57	9
CONTRACT NO. 97682				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



MATCHLINE - SOUTHERN JERSEY COUNTY



(NOT TO SCALE)

CEC Cummins
Engineering
Corporation
Civil and Structural Engineering

JOB = 2465.1
FILE NAME = *FILES*
PLOT SCALE = *SCALE*
PLOT DATE = *DATE*

DESIGNED - NAK
DRAWN - SJS
CHECKED - NAK
DATE - 6/23/2017

REVISED -
REVISED -
REVISED -
REVISED -

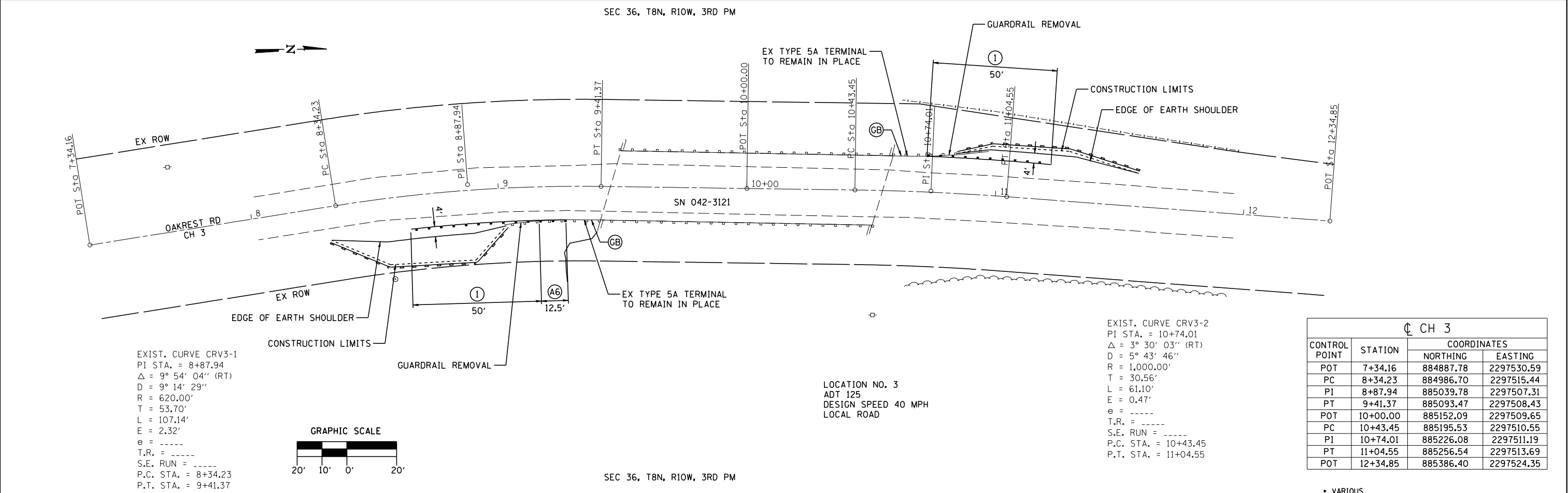
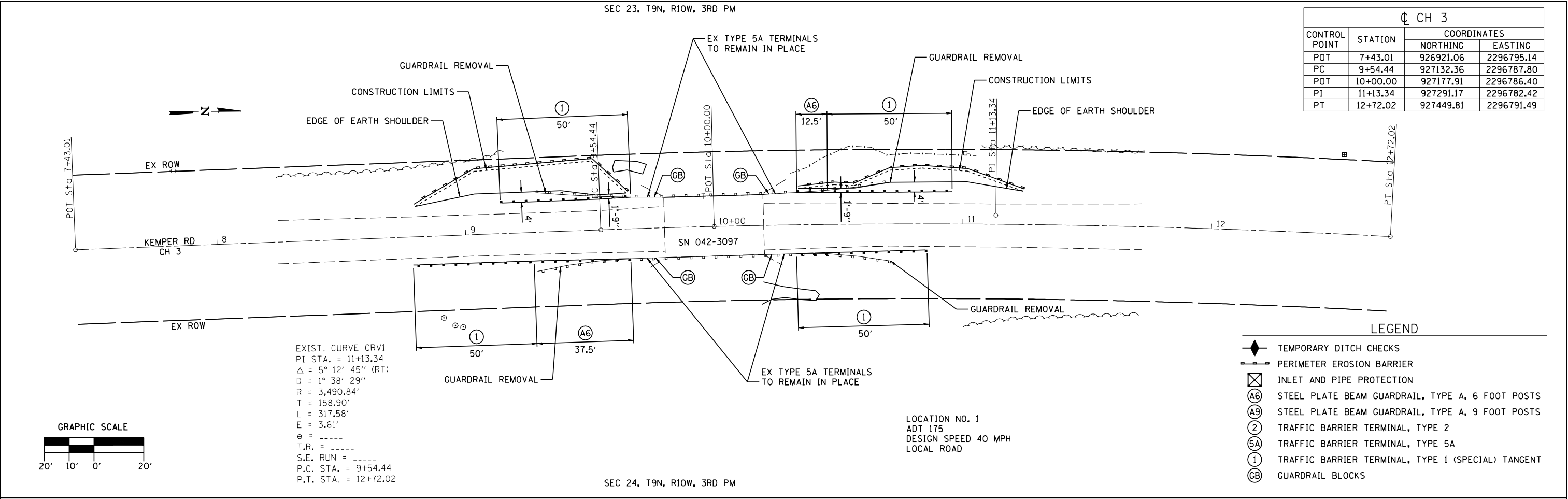
**JERSEY COUNTY
GUARDRAIL IMPROVEMENTS**

**LOCATION MAP
SOUTHERN JERSEY COUNTY**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

• VARIOUS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	17-00058-00-GR	JERSEY	57	10
CONTRACT NO. 97682				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



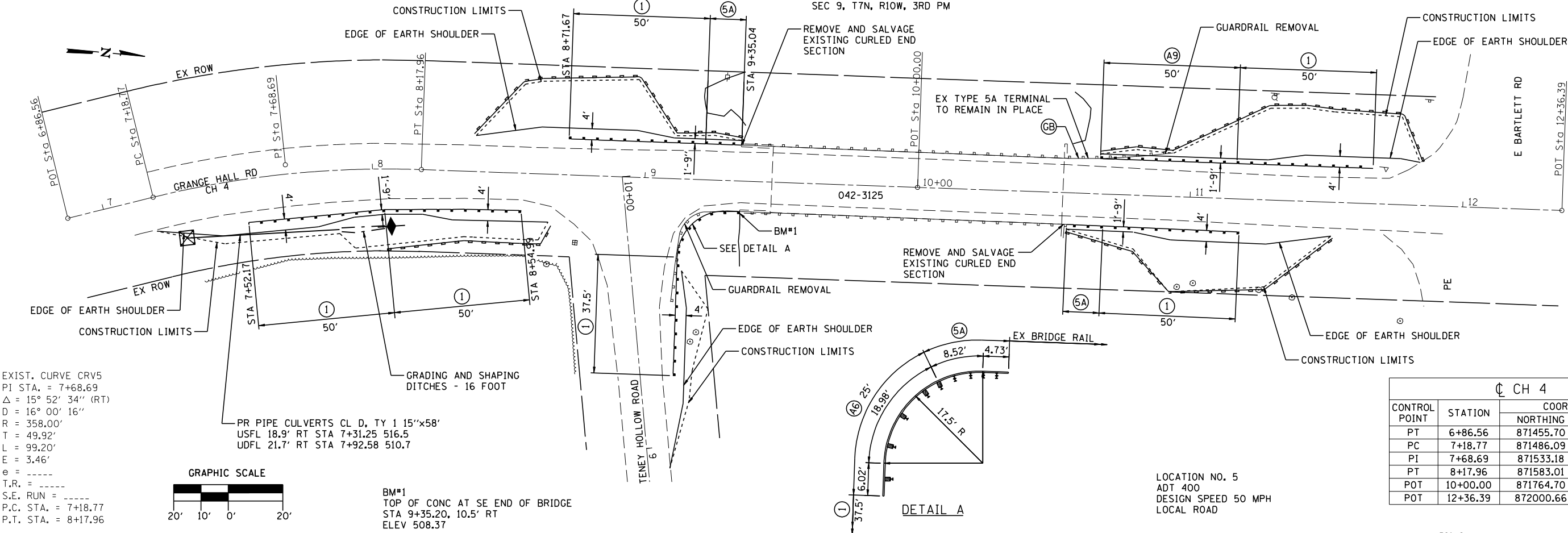
NOTE 1
REMOVE RAIL ELEMENTS AND BLOCKOUTS
AND REPLACE WITH NEW RAIL ELEMENTS
AND 6" WOOD BLOCKOUTS. EXISTING POSTS
ATTACHED TO STRUCTURE TO REMAIN IN
PLACE.

LEGEND

- TEMPORARY DITCH CHECKS
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- A6 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- A9 STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- B9 STEEL PLATE BEAM GUARDRAIL, TYPE B, 9 FOOT POSTS
- 2 TRAFFIC BARRIER TERMINAL, TYPE 2
- 5A TRAFFIC BARRIER TERMINAL, TYPE 5A
- 1 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- GB GUARDRAIL BLOCKS

CH 4			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
POT	7+89.71	887898.04	2285202.86
POT	10+00.00	881350.37	2250857.55
POT	12+01.45	888309.74	2285207.87

LOCATION NO. 4
ADT 250
DESIGN SPEED 40 MPH
LOCAL ROAD



EXIST. CURVE CRV5
PI STA. = 7+68.69
 $\Delta = 15^\circ 52' 34''$ (RT)
D = 16° 00' 16"
R = 358.00'
T = 49.92'
L = 99.20'
E = 3.46'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 7+18.77
P.T. STA. = 8+17.96

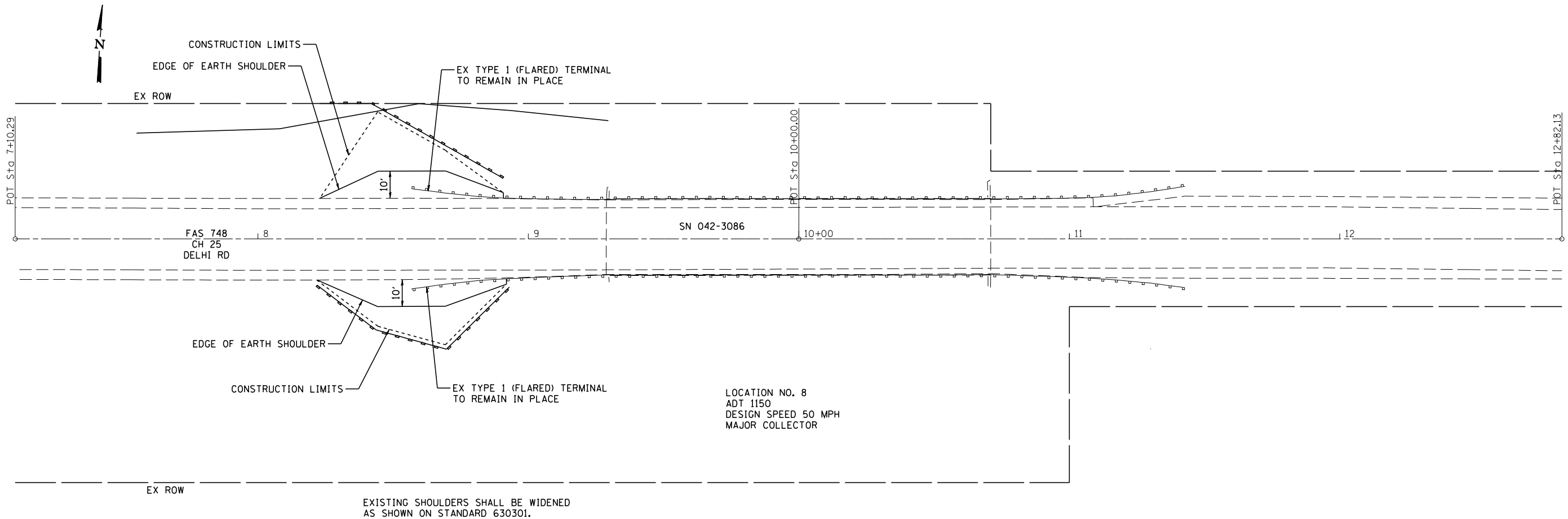
PR PIPE CULVERTS CL. D, TY 1 15"x58"
USFL 18.9' RT STA 7+31.25 516.5
UDFL 21.7' RT STA 7+92.58 510.7

BM#1
TOP OF CONC AT SE END OF BRIDGE
STA 9+35.20, 10.5' RT
ELEV 508.37

LOCATION NO. 5
ADT 400
DESIGN SPEED 50 MPH
LOCAL ROAD

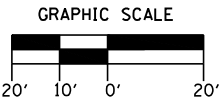
CH 4			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
PT	6+86.56	871455.70	2285860.38
PC	7+18.77	871486.09	2285849.70
PI	7+68.69	871533.18	2285833.14
PT	8+17.96	871583.01	2285830.10
POT	10+00.00	871764.70	2285819.02
POT	12+36.39	872000.66	2285804.63

SEC 21, T7N, R11W, 3RD PM



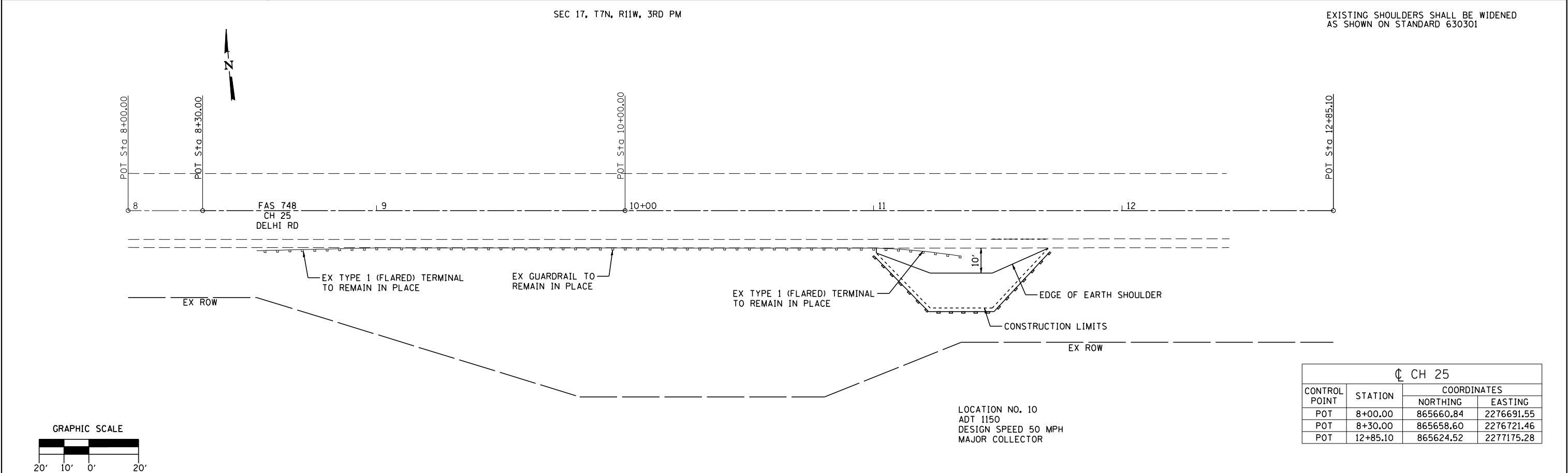
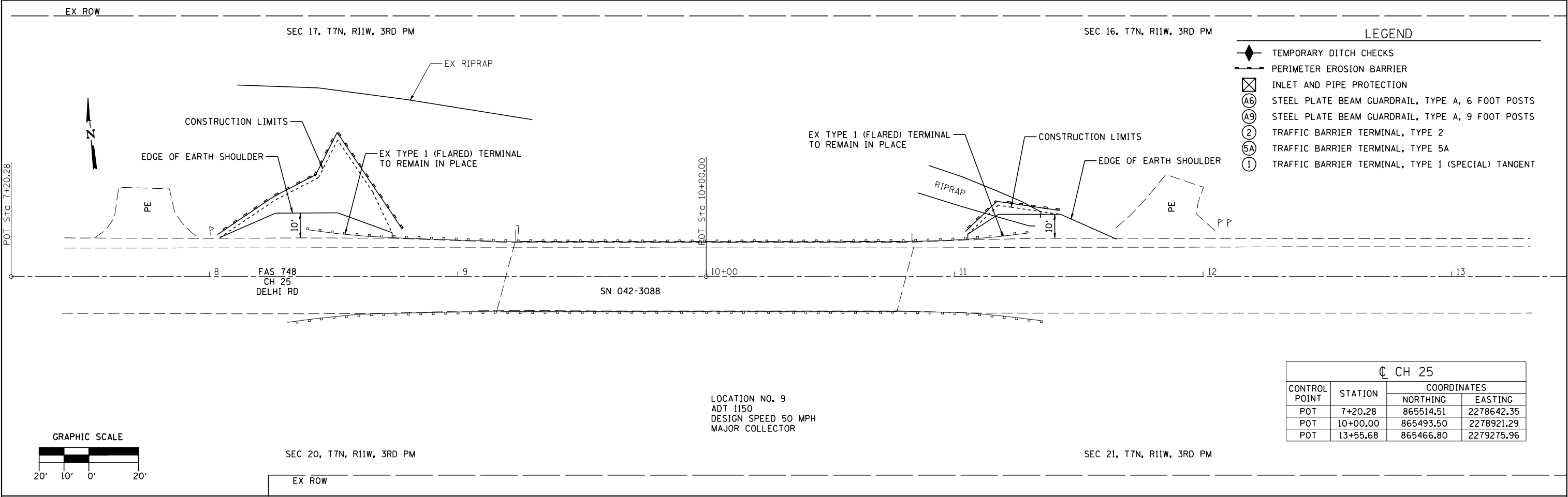
LEGEND

- TEMPORARY DITCH CHECKS
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- TRAFFIC BARRIER TERMINAL, TYPE 2
- TRAFFIC BARRIER TERMINAL, TYPE 5A
- TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

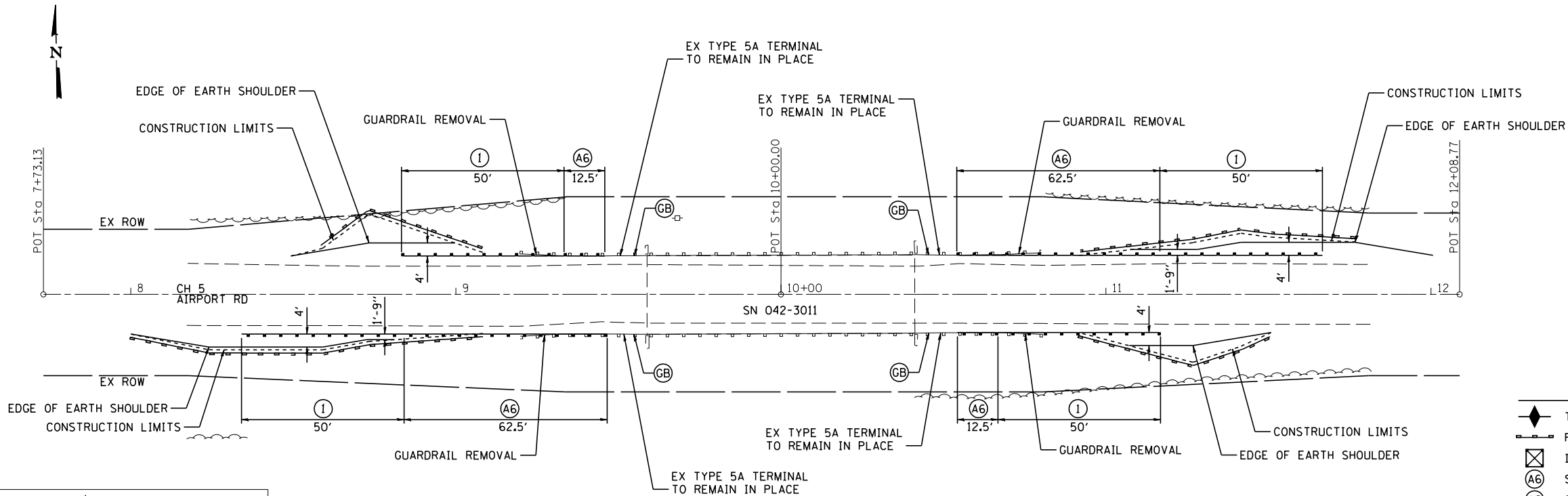


CH 25				
CONTROL POINT	STATION	COORDINATES		
		NORTHING	EASTING	
POT	7+10.29	865433.92	2281793.92	
POT	10+00.00	865453.85	2282082.94	
POT	12+82.13	865473.26	2282364.40	

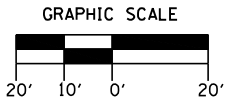
• VARIOUS



SEC 27, T7N, R11W, 3RD PM



CH 5			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
POT	7+73.13	854750.95	2258278.73
POT	10+00.00	854747.26	2258505.58
POT	12+08.77	854743.86	2258714.32

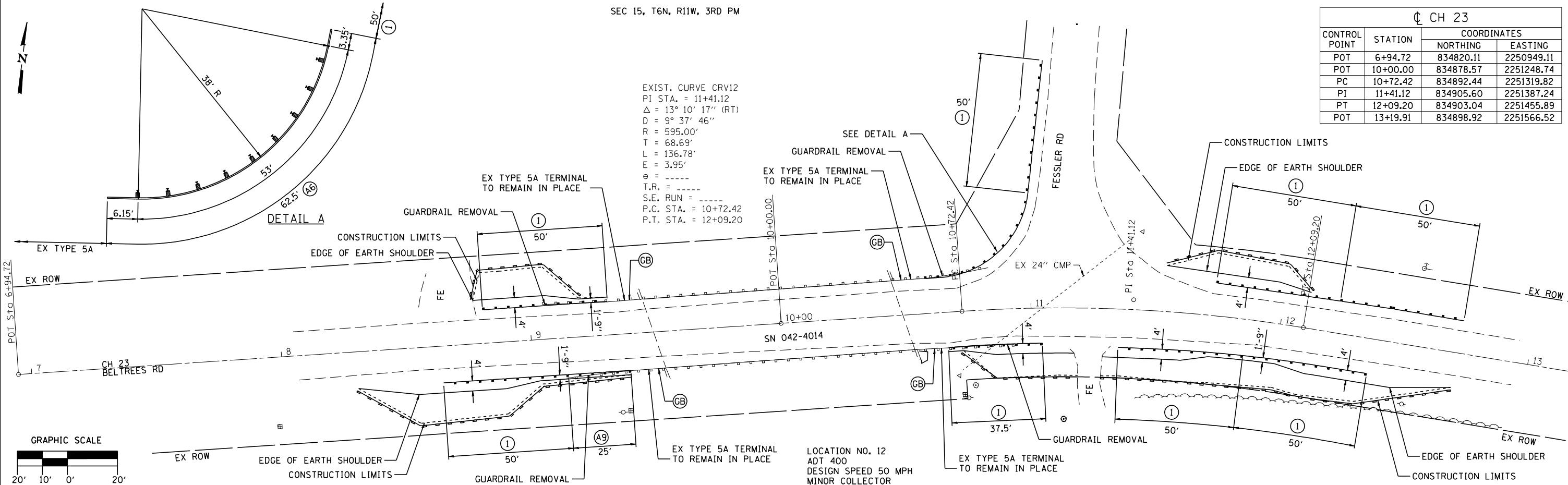


SEC 34, T7N, R11W, 3RD PM

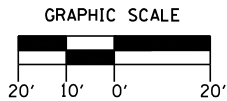
LOCATION NO. 11
ADT 450
DESIGN SPEED 50 MPH
MINOR COLLECTOR

LEGEND	
	TEMPORARY DITCH CHECKS
	PERIMETER EROSION BARRIER
	INLET AND PIPE PROTECTION
	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
	TRAFFIC BARRIER TERMINAL, TYPE 2
	TRAFFIC BARRIER TERMINAL, TYPE 5A
	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
	GUARDRAIL BLOCKS

SEC 15, T6N, R11W, 3RD PM



CH 23			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
POT	6+94.72	834820.11	2250949.11
POT	10+00.00	834878.57	2251248.74
PC	10+72.42	834892.44	2251319.82
PI	11+41.12	834905.60	2251387.24
PT	12+09.20	834903.04	2251455.89
POT	13+19.91	834898.92	2251566.52



LOCATION NO. 12
ADT 400
DESIGN SPEED 50 MPH
MINOR COLLECTOR

CEC Cummins
Engineering
Corporation
Civil and Structural Engineering

JOB = 2465.1
FILE NAME = plan11&12.dgn
PLOT SCALE = 40,0000' / IN.
PLOT DATE = 11/5/2018

DESIGNED - NAK
DRAWN - CGF
CHECKED - NAK
DATE - 7/03/2017

REVISED -
REVISED -
REVISED -
REVISED -

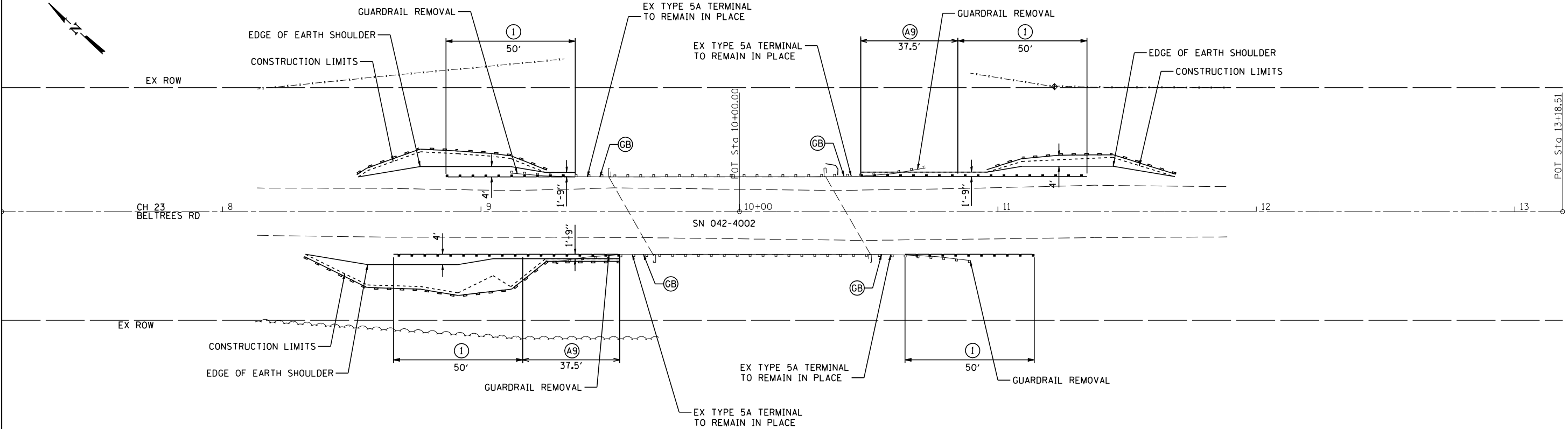
**JERSEY COUNTY
GUARDRAIL IMPROVEMENTS**

PLAN LOCATIONS 11 AND 12

SCALE: SHEET NO. OF SHEETS STA. TO STA.

• VARIOUS

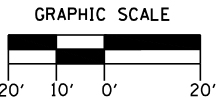
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	17-00058-00-GR	JERSEY	57	15
CONTRACT NO. 97682				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



CH 23			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
POT	7+14.48	833974.75	2257236.99
POT	10+00.00	833767.25	2257433.12
POT	13+18.51	833535.77	2257651.91

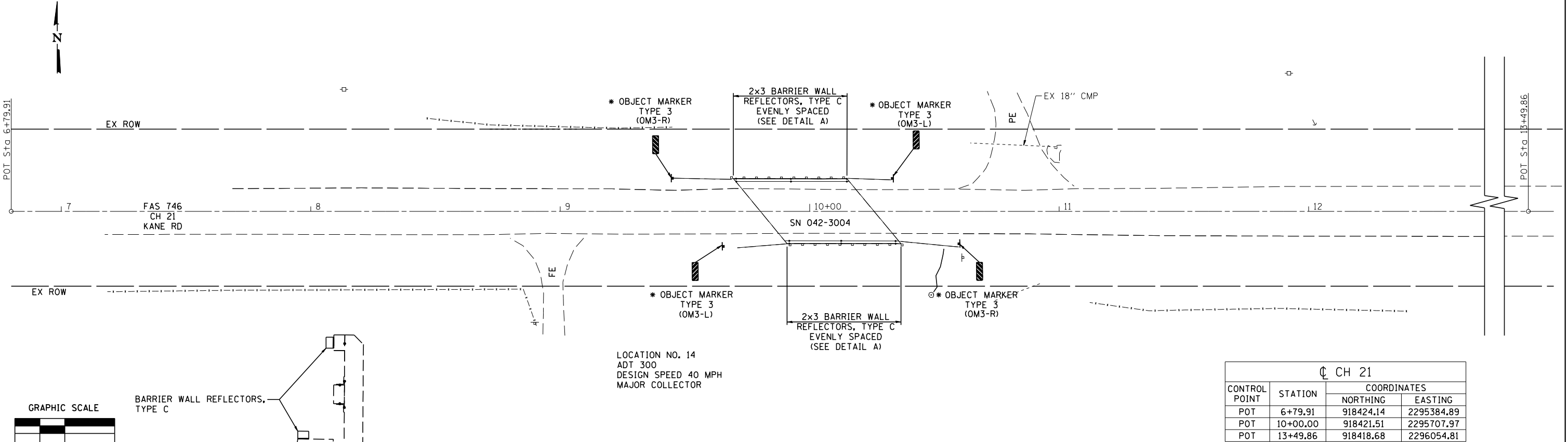
LOCATION NO. 13
ADT 400
DESIGN SPEED 50 MPH
MINOR COLLECTOR

LEGEND	
	TEMPORARY DITCH CHECKS
	PERIMETER EROSION BARRIER
	INLET AND PIPE PROTECTION
	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
	TRAFFIC BARRIER TERMINAL, TYPE 2
	TRAFFIC BARRIER TERMINAL, TYPE 5A
	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
	GUARDRAIL BLOCKS



SEC 26, T9N, R10W, 3RD PM

* OBJECT MARKERS SHALL BE
INSTALLED ON TELESCOPING
STEEL SIGN SUPPORTS

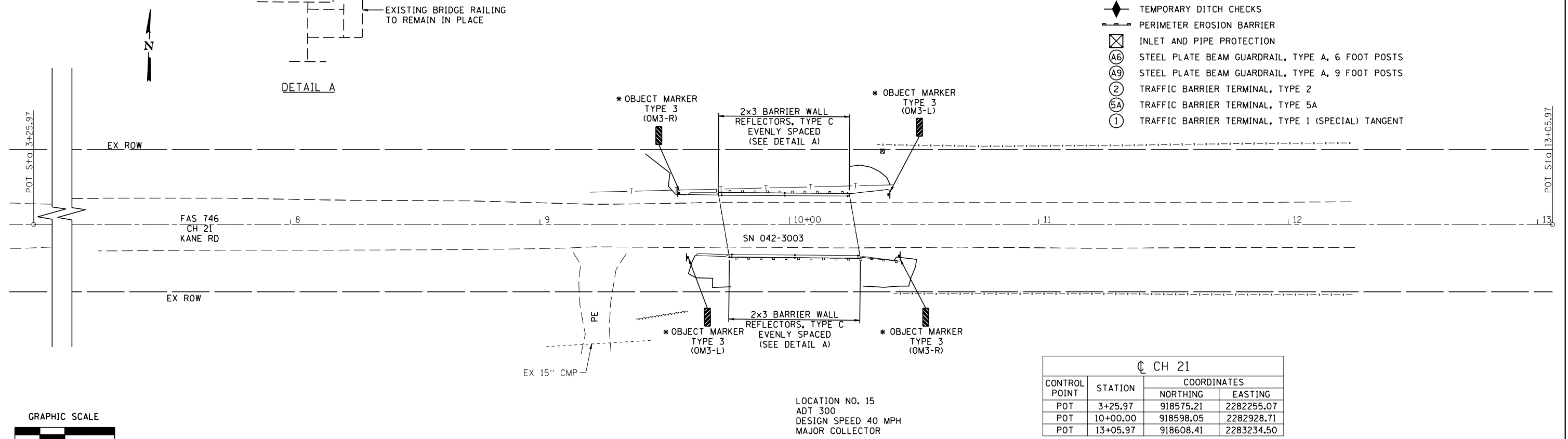


SEC 35, T9N, R10W, 3RD PM

SEC 28, T9N, R10W, 3RD PM

LEGEND

- TEMPORARY DITCH CHECKS
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- TRAFFIC BARRIER TERMINAL, TYPE 2
- TRAFFIC BARRIER TERMINAL, TYPE 5A
- TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT



SEC 33, T9N, R10W, 3RD PM



JOB = 2465.1	DESIGNED - NAK	REVISED -
FILE NAME = plan14&15.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 40.0000' / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 11/5/2018	DATE - 8/04/2017	REVISED -

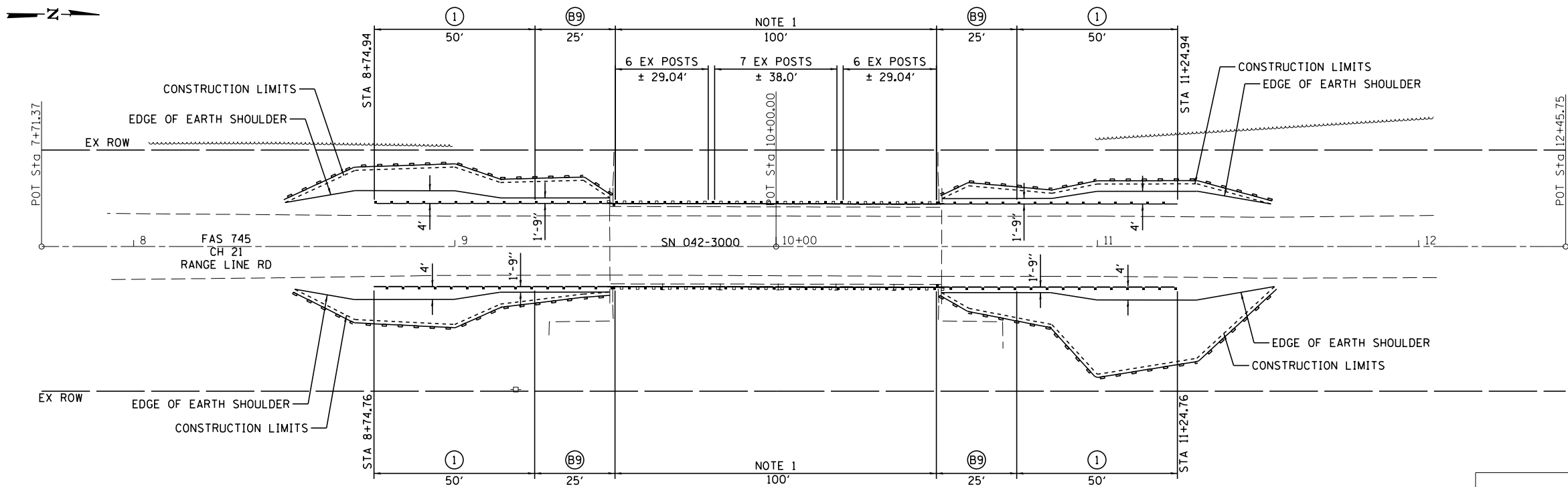
JERSEY COUNTY
GUARDRAIL IMPROVEMENTS

PLAN LOCATIONS 14 AND 15

SCALE: SHEET NO. OF SHEETS STA. TO STA.

* VARIOUS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00058-00-GR	JERSEY	57	17
CONTRACT NO. 97682				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



NOTE 1
EXISTING BRIDGE RAIL ELEMENTS SHALL BE REMOVED AND THE EXISTING POSTS MODIFIED AS DETAILED. NEW 12" WOOD BLOCKOUT AND STEEL PLATE BEAM GUARDRAIL ELEMENTS SHALL BE INSTALLED ON THE EXISTING POSTS. THE CUT PORTION OF THE EXISTING POSTS SHALL BE TREATED ACCORDING TO THE REQUIREMENTS OF AASHTO M36.

CH 16 SHALL BE CLOSED FOR REMOVAL OF EXISTING BRIDGE RAILING AND INSTALLING STEEL PLATE BEAM GUARDRAIL, RAIL ELEMENTS ON THE EXISTING POSTS. THE MAXIMUM CLOSURE TIME SHALL BE 3 CALENDAR DAYS.

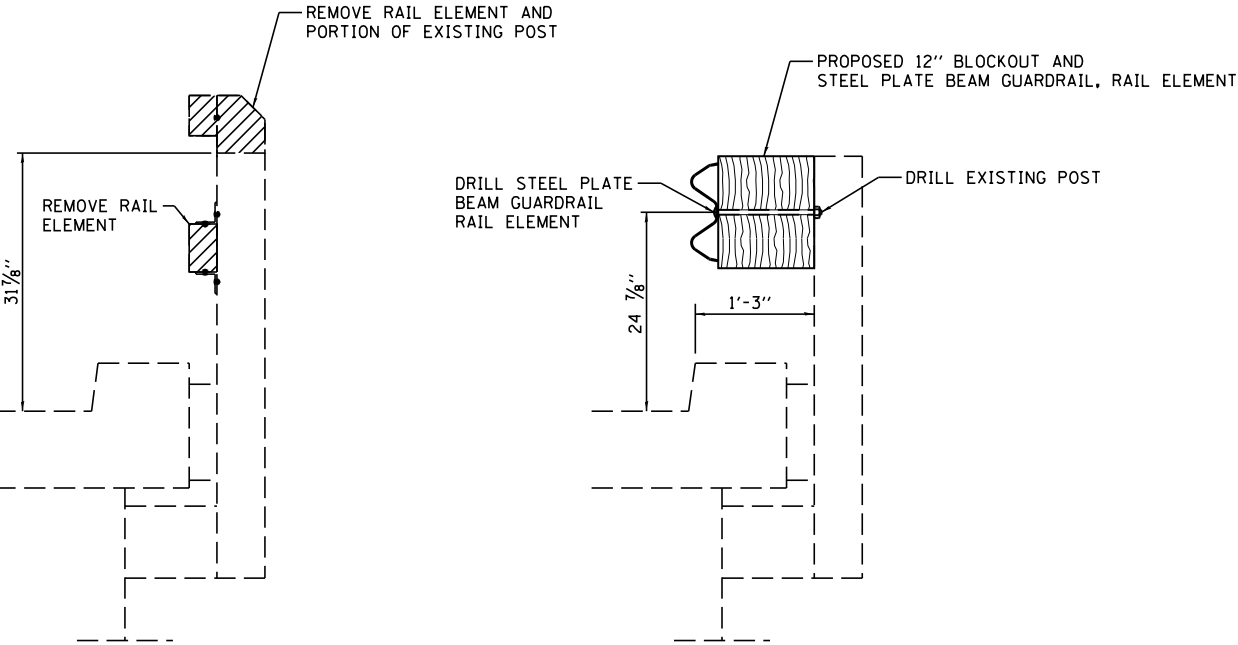
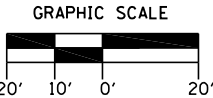
SEC 31, T9N, R10W, 3RD PM

CH 21			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
POT	7+71.37	913428.25	2270852.12
POT	10+00.00	913656.88	2270850.64
POT	12+45.75	913902.63	2270849.06

LEGEND

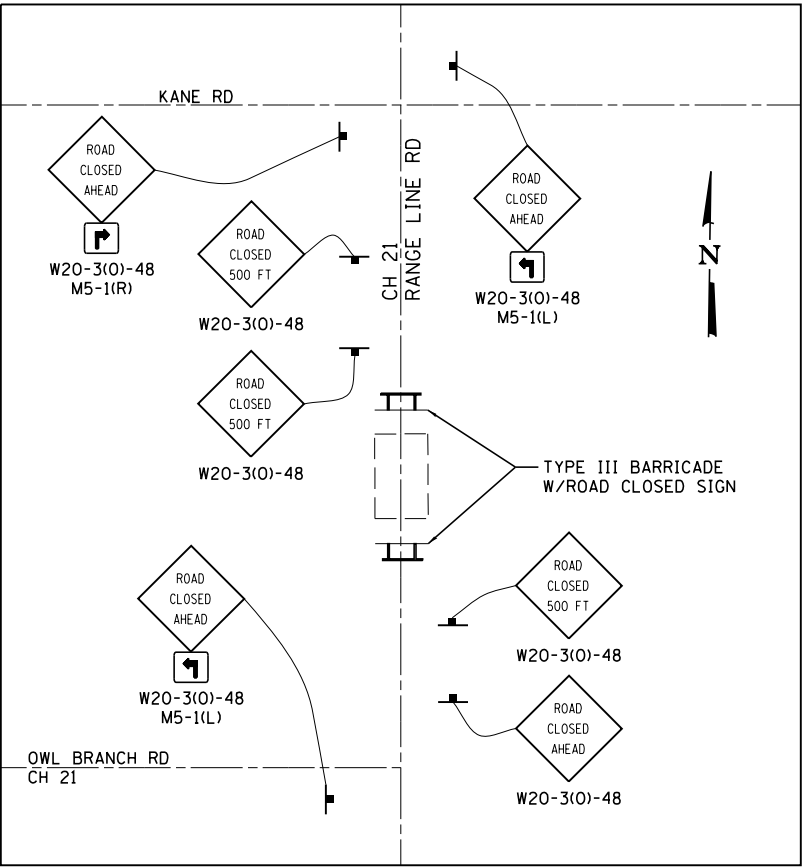
- TEMPORARY DITCH CHECKS
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- TRAFFIC BARRIER TERMINAL, TYPE 2
- TRAFFIC BARRIER TERMINAL, TYPE 5A
- TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- STEEL PLATE BEAM GUARDRAIL, TYPE B, 9 FOOT POSTS

LOCATION NO. 16
ADT 375
DESIGN SPEED 40 MPH
MINOR COLLECTOR

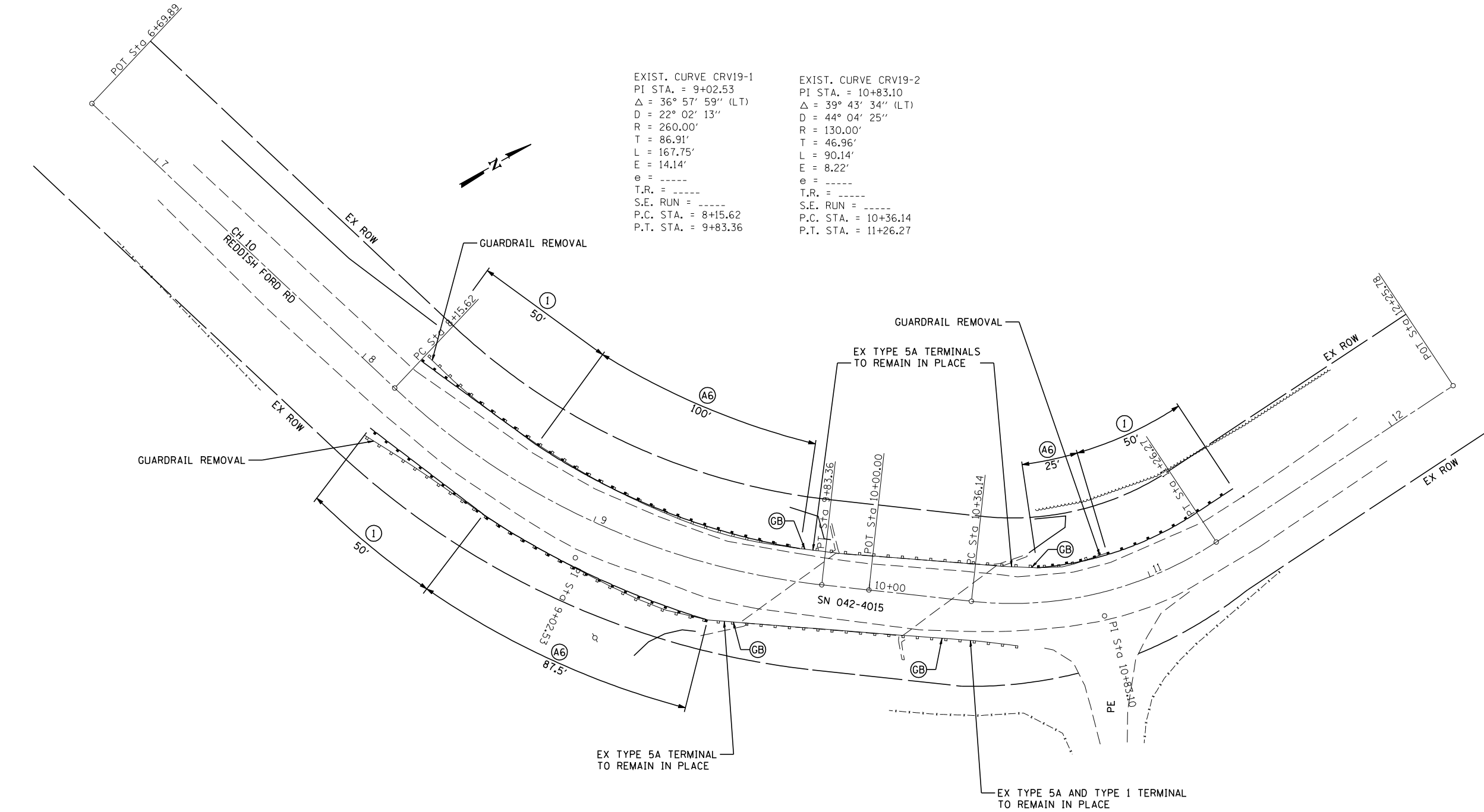


STEEL RAILING REMOVAL

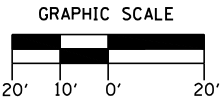
STEEL PLATE BEAM GUARDRAIL
TYPE A, SPECIAL



TRAFFIC CONTROL PLAN

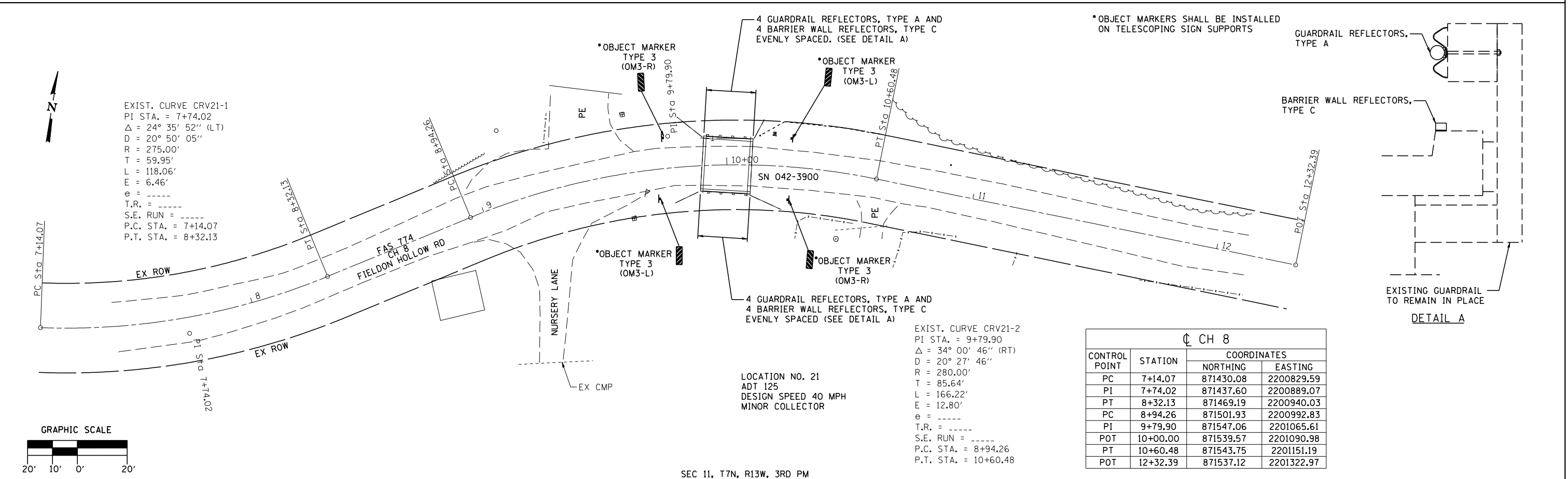
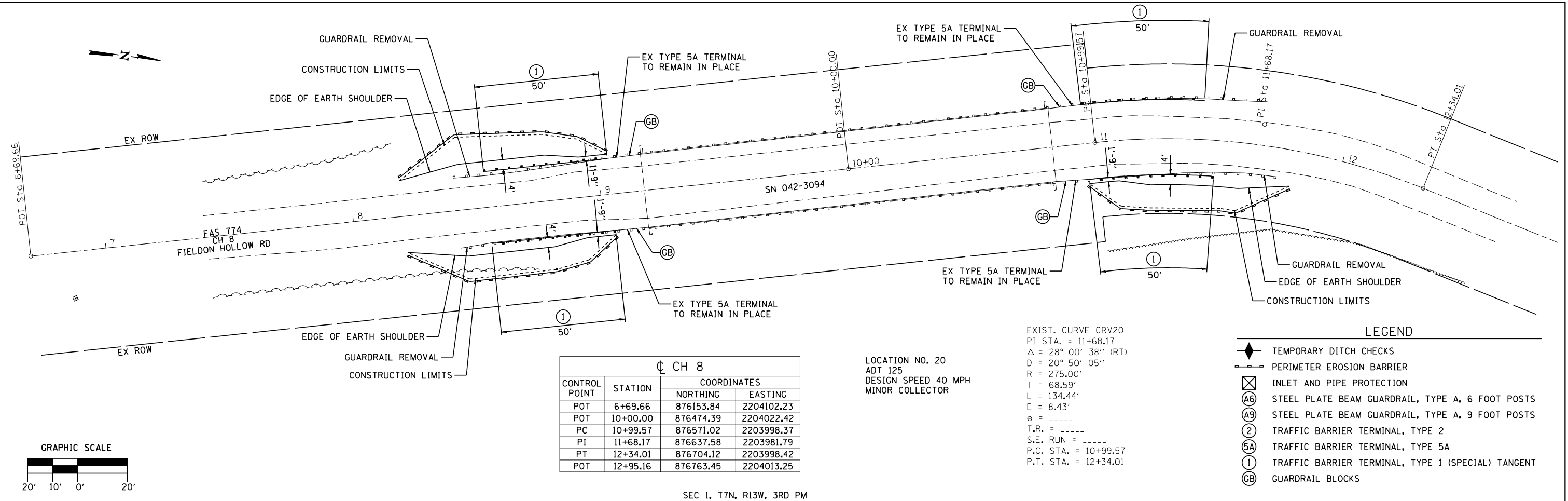


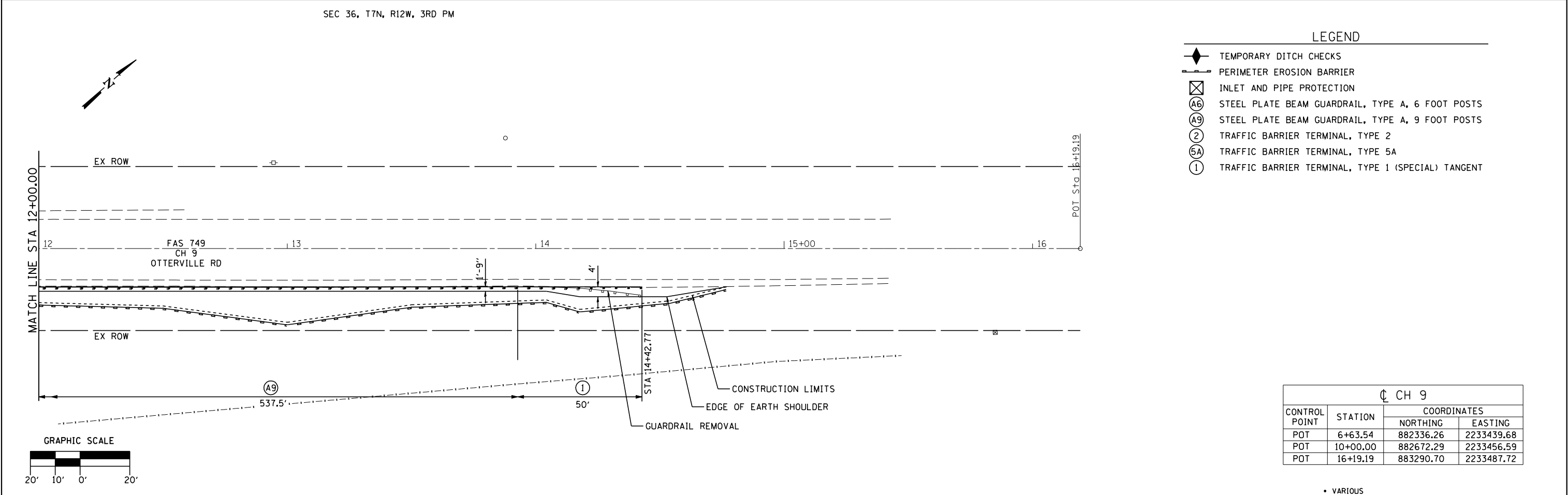
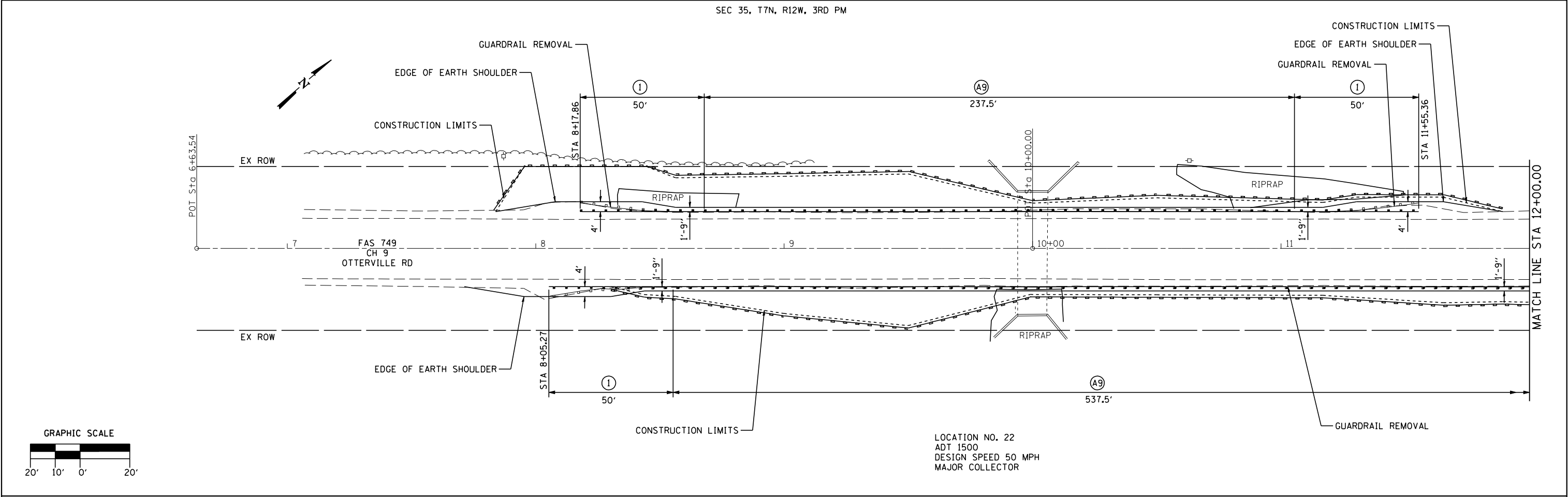
CH 10			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
POT	6+69.89	904725.08	2215827.99
PC	8+15.62	904768.98	2215966.94
PI	9+02.53	904795.17	2216049.81
PT	9+83.36	904865.93	2216100.28
POT	10+00.00	904879.47	2216109.94
PC	10+36.14	904908.89	2216130.92
PI	10+83.10	904947.13	2216158.20
PT	11+26.27	904993.96	2216154.73
POT	12+25.78	905093.20	2216147.40



LOCATION NO. 19
ADT 75
DESIGN SPEED 40 MPH
LOCAL ROAD

LEGEND				
	TEMPORARY DITCH CHECKS			
	PERIMETER EROSION BARRIER			
	INLET AND PIPE PROTECTION			
	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS			
	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS			
	TRAFFIC BARRIER TERMINAL, TYPE 2			
	TRAFFIC BARRIER TERMINAL, TYPE 5A			
	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT			
	GUARDRAIL BLOCKS			

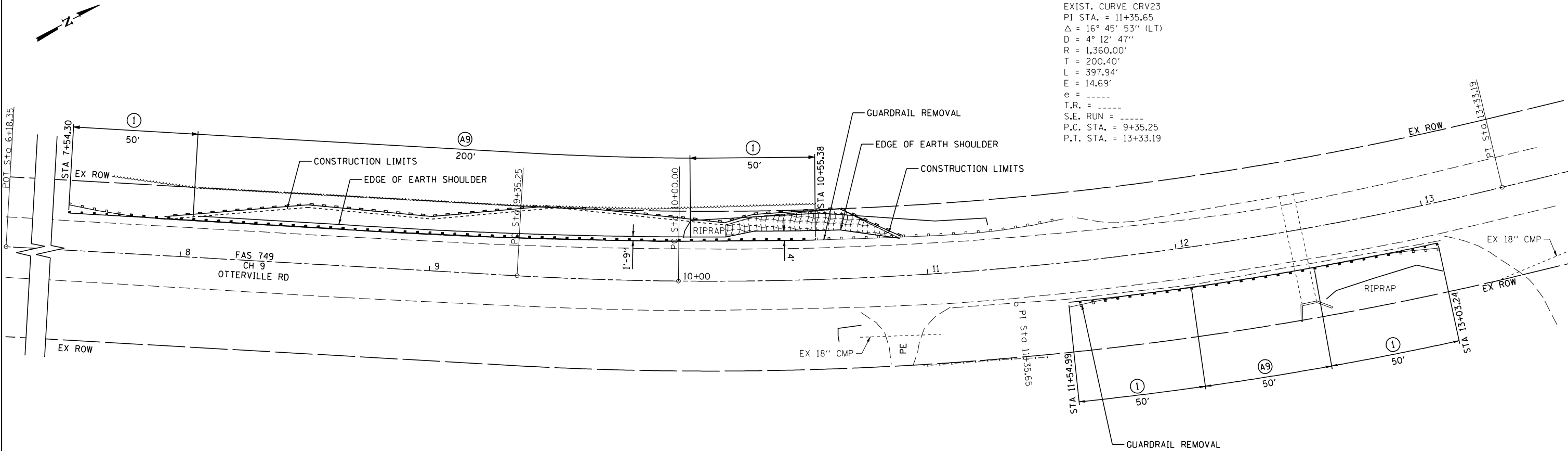




- LEGEND
- TEMPORARY DITCH CHECKS
 - PERIMETER EROSION BARRIER
 - INLET AND PIPE PROTECTION
 - STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
 - STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
 - TRAFFIC BARRIER TERMINAL, TYPE 2
 - TRAFFIC BARRIER TERMINAL, TYPE 5A
 - TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

CH 9			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
POT	6+63.54	882336.26	2233439.68
POT	10+00.00	882672.29	2233456.59
POT	16+19.19	883290.70	2233487.72

SEC 2, T7N, R12W, 3RD PM



EXIST. CURVE CRV23
PI STA. = 11+35.65
 Δ = 16° 45' 53" (LT)
D = 4° 12' 47"
R = 1,360.00'
T = 200.40'
L = 397.94'
E = 14.69'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 9+35.25
P.T. STA. = 13+33.19

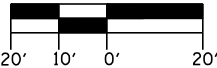
LOCATION NO. 23
ADT 1500
DESIGN SPEED 50 MPH
MAJOR COLLECTOR

CH 9			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
POT	6+18.35	880831.09	2233050.35
PC	9+35.25	881101.47	2233215.65
POT	10+00.00	881157.49	2233248.09
PI	11+35.65	881272.45	2233320.18
PT	13+33.19	881466.31	2233370.95
POT	13+86.17	881517.56	2233384.37

LEGEND

- TEMPORARY DITCH CHECKS
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- EROSION CONTROL BLANKET
- (A6) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- (A9) STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- (2) TRAFFIC BARRIER TERMINAL, TYPE 2
- (5A) TRAFFIC BARRIER TERMINAL, TYPE 5A
- (1) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

GRAPHIC SCALE



CEC Cummins
Engineering
Corporation
Civil and Structural Engineering

JOB = 2465.1
FILE NAME = plan23.dgn
PLOT SCALE = 40.0000' / IN.
PLOT DATE = 11/5/2018

DESIGNED - NAK
DRAWN - CGF
CHECKED - NAK
DATE - 7/03/2017

REVISED -
REVISED -
REVISED -
REVISED -

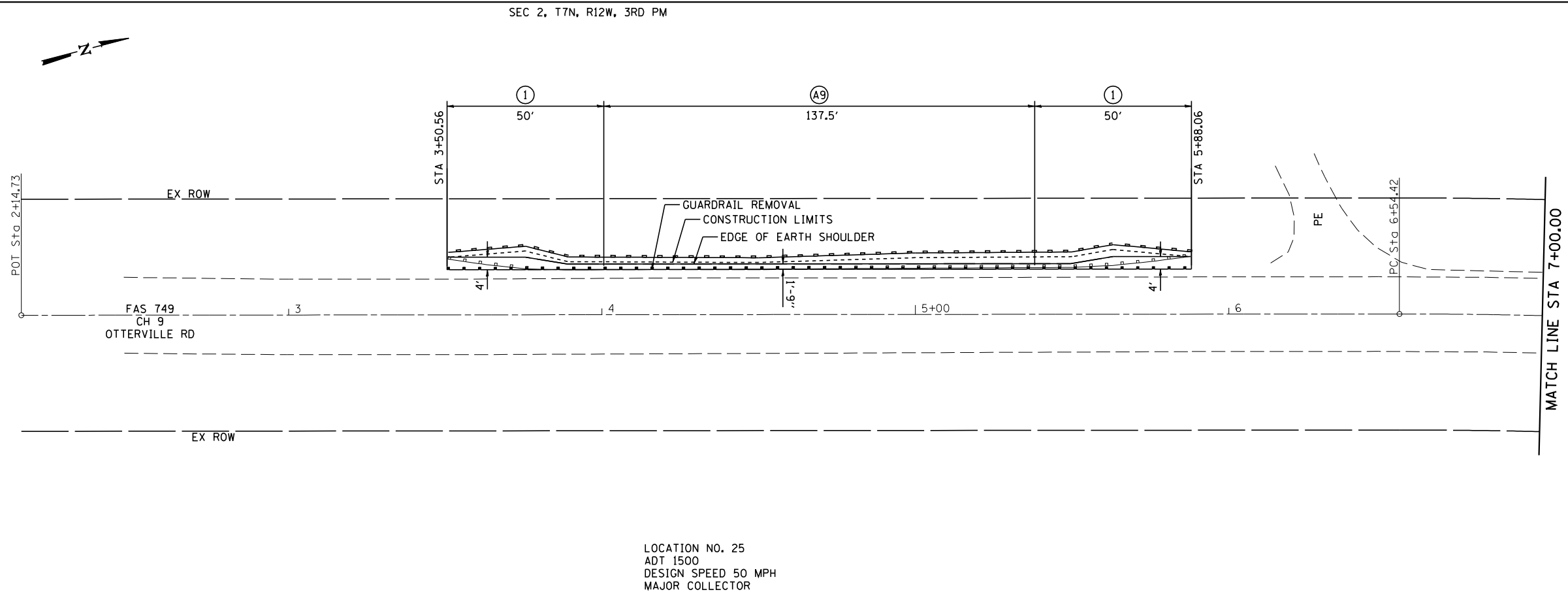
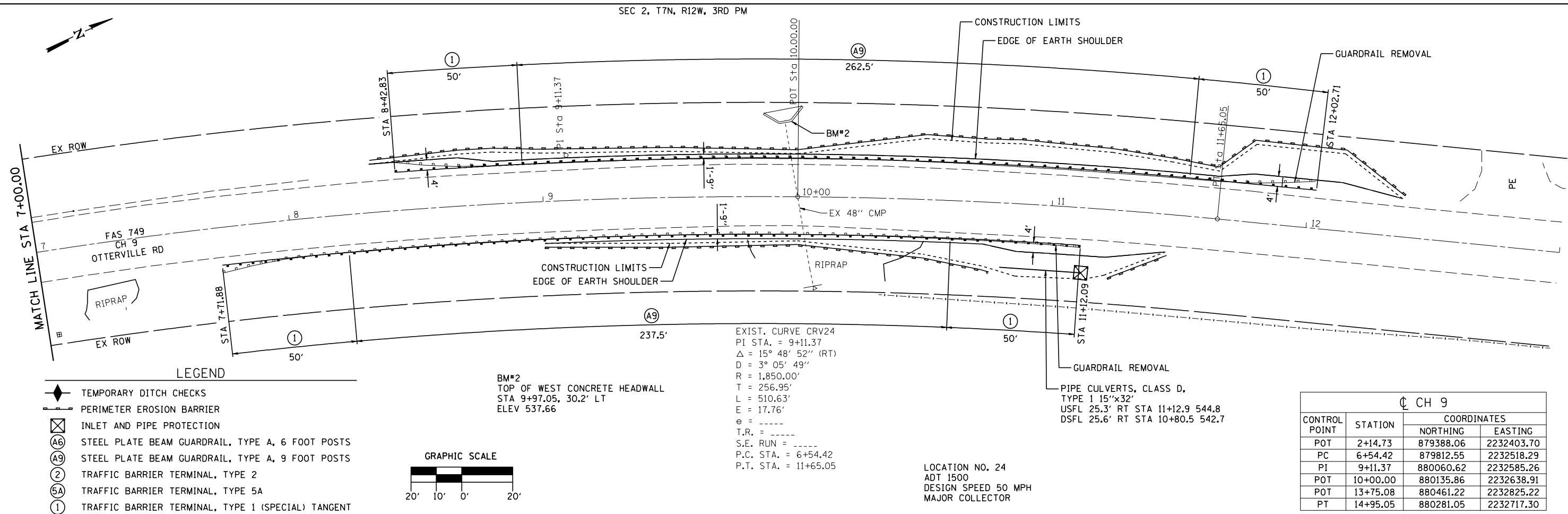
JERSEY COUNTY
GUARDRAIL IMPROVEMENTS

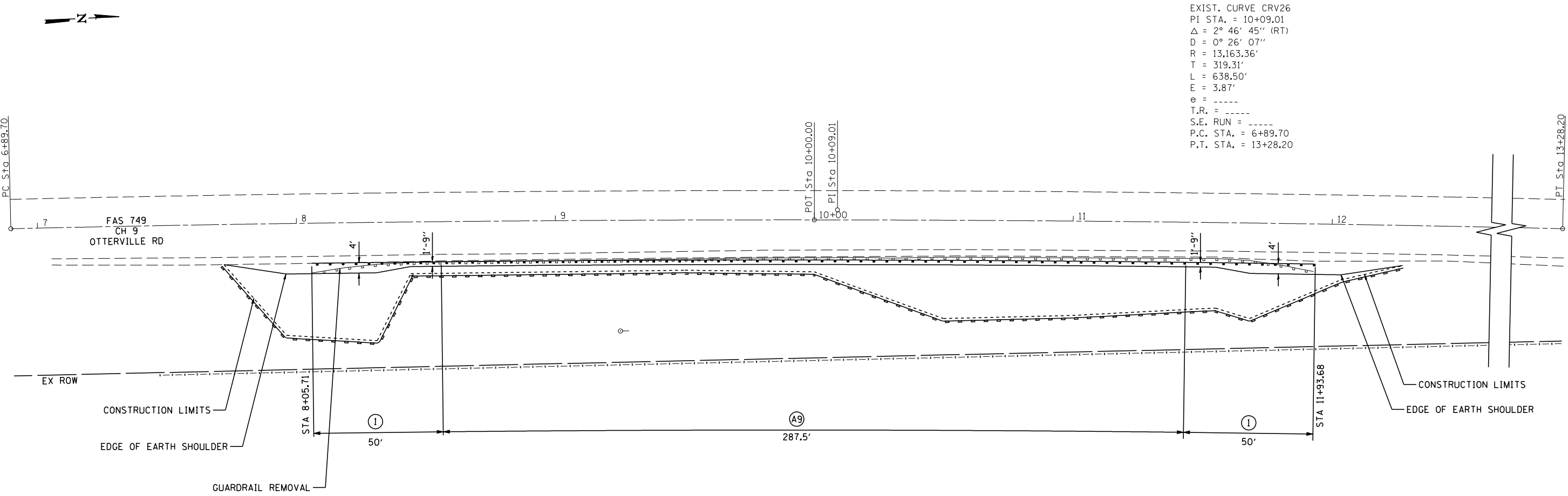
PLAN LOCATION 23

SCALE: SHEET NO. OF SHEETS STA. TO STA.

VARIOUS

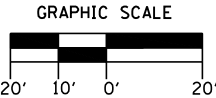
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00058-00-GR	JERSEY	57	22
CONTRACT NO. 97682				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				





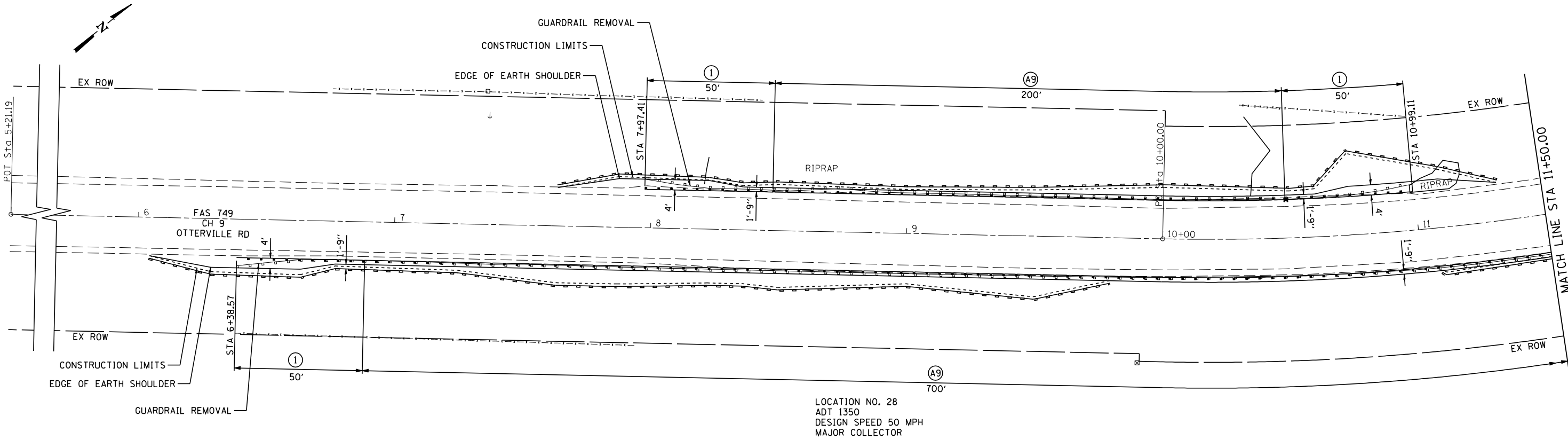
CH 9			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
PC	6+89.70	876911.87	2232018.60
POT	10+00.00	877221.87	2232031.95
PI	10+09.01	877231.03	2232028.58
PT	13+28.20	877549.32	2232054.02

LOCATION NO. 26
ADT 1500
DESIGN SPEED 50 MPH
MAJOR COLLECTOR

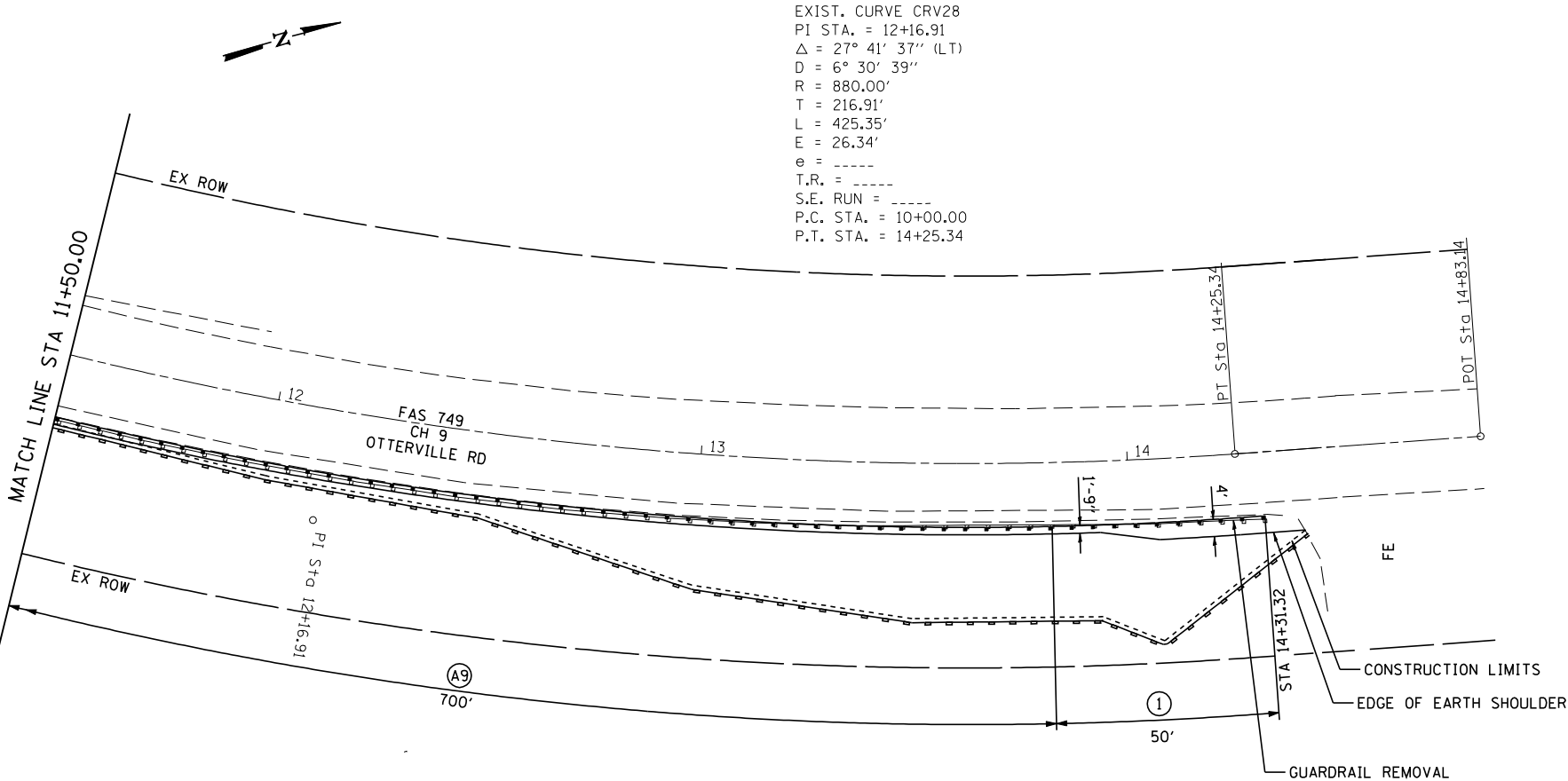


LEGEND	
	TEMPORARY DITCH CHECKS
	PERIMETER EROSION BARRIER
	INLET AND PIPE PROTECTION
	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
	TRAFFIC BARRIER TERMINAL, TYPE 2
	TRAFFIC BARRIER TERMINAL, TYPE 5A
	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

SEC 11, T7N, R12W, 3RD PM



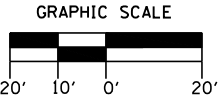
SEC 11, T7N, R12W, 3RD PM



EXIST. CURVE CRV28
PI STA. = 12+16.91
 Δ = 27° 41' 37" (LT)
D = 6° 30' 39"
R = 880.00'
T = 216.91'
L = 425.35'
E = 26.34'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA. = 10+00.00
P.T. STA. = 14+25.34

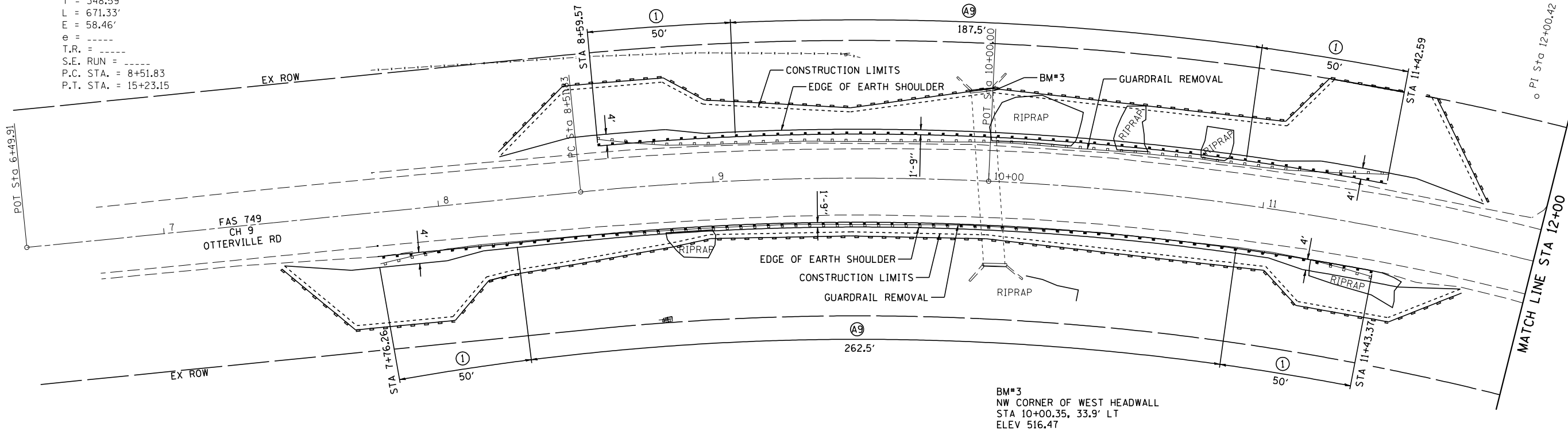
CH 9			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
POT	5+21.19	875130.35	2231478.70
PC	10+00.00	875500.18	2231782.80
PI	12+16.91	875667.73	2231920.57
PT	14+25.34	875880.11	2231964.68
POT	14+83.14	875936.70	2231976.44

LEGEND	
	TEMPORARY DITCH CHECKS
	PERIMETER EROSION BARRIER
	INLET AND PIPE PROTECTION
	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
	TRAFFIC BARRIER TERMINAL, TYPE 2
	TRAFFIC BARRIER TERMINAL, TYPE 5A
	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

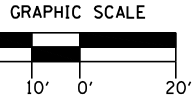
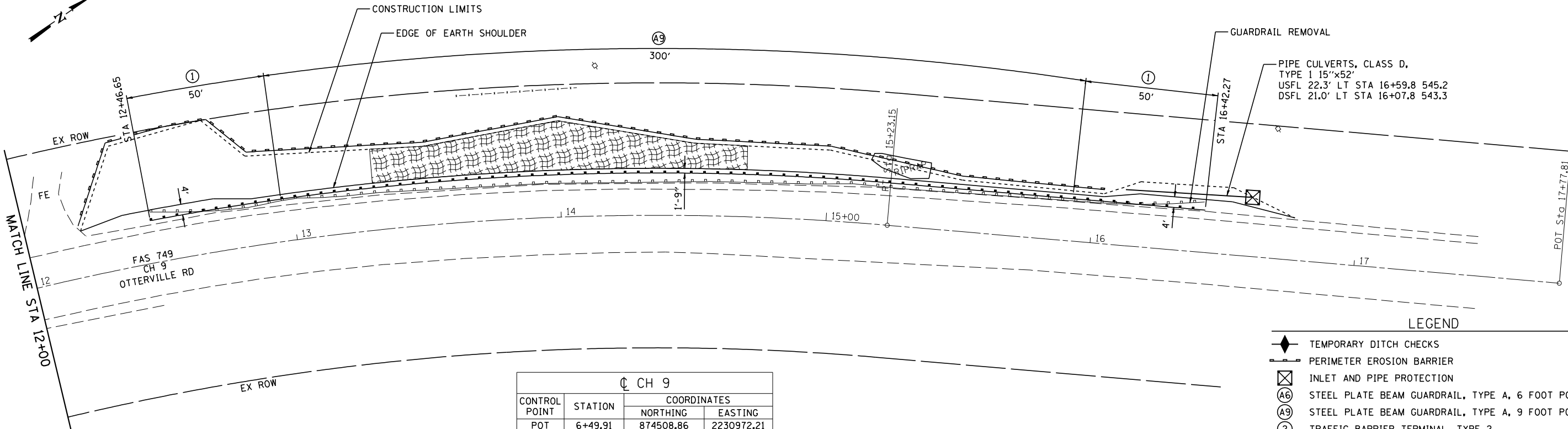


SEC 11, T7N, R12W, 3RD PM

EXIST. CURVE CRV30
PI STA. = 12+00.42
 Δ = 38° 05' 00" (RT)
D = 5° 40' 22"
R = 1,010.00'
T = 348.59'
L = 671.33'
E = 58.46'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 8+51.83
P.T. STA. = 15+23.15



SEC 11, T7N, R12W, 3RD PM



CH 9			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
POT	6+49.91	874508.86	2230972.21
PC	8+51.83	874706.47	2231132.84
POT	10+00.00	873687.94	2230742.52
PI	12+00.42	874238.36	2230752.34
PT	15+23.15	873889.82	2230746.12
POT	17+77.81	874037.25	2230759.60

LOCATION NO. 30
ADT 1350
DESIGN SPEED 50 MPH
MAJOR COLLECTOR

LEGEND

- TEMPORARY DITCH CHECKS
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- A6 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- A9 STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- 2 TRAFFIC BARRIER TERMINAL, TYPE 2
- 5A TRAFFIC BARRIER TERMINAL, TYPE 5A
- 1 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

VARIOUS

CEC Cummins
Engineering
Corporation
Civil and Structural Engineering

JOB = 2465.1
FILE NAME = plan30.dgn
PLOT SCALE = 40,0000' / IN.
PLOT DATE = 11/5/2018

DESIGNED - NAK
DRAWN - SJS
CHECKED - NAK
DATE - 6/23/2017

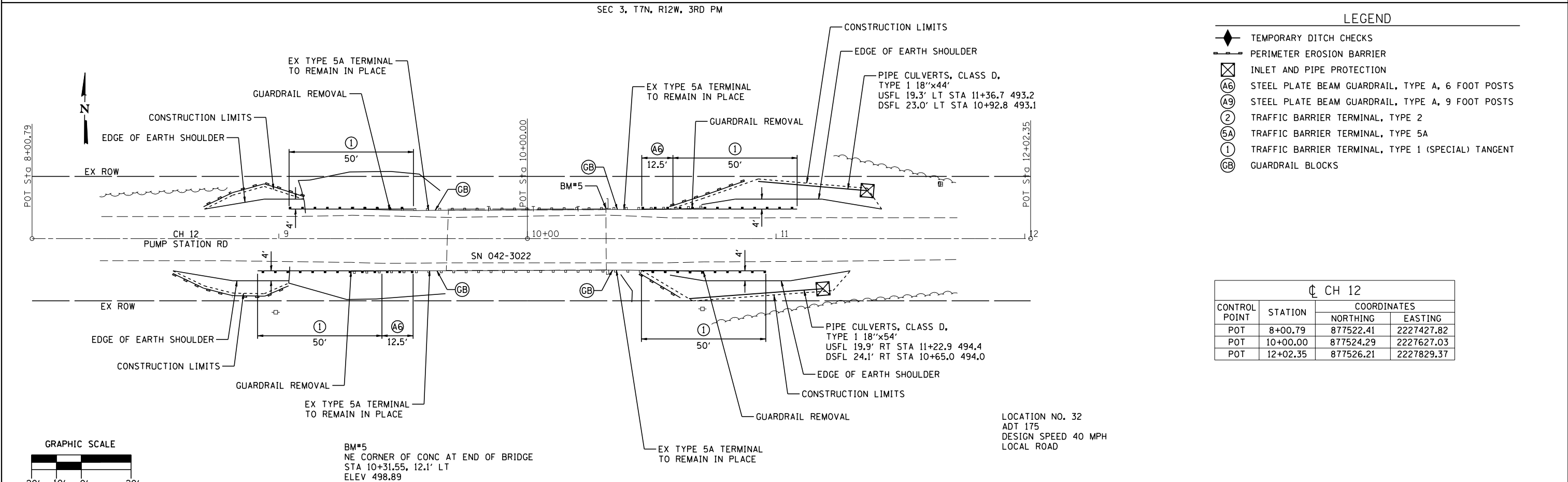
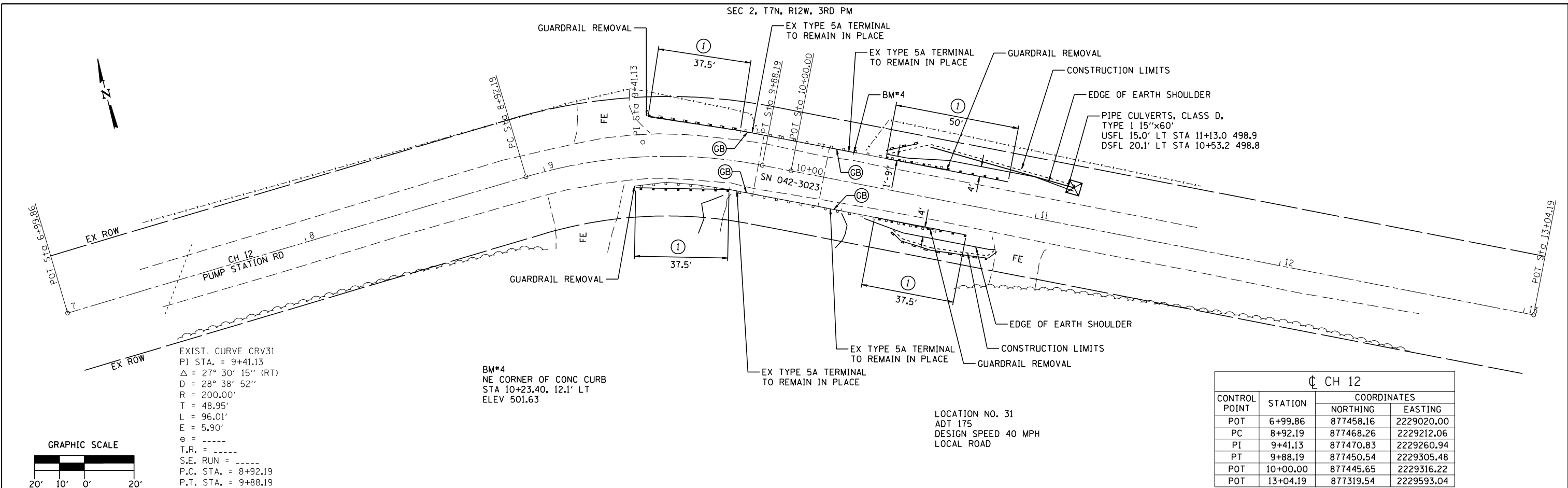
REVISED -
REVISED -
REVISED -
REVISED -

JERSEY COUNTY
GUARDRAIL IMPROVEMENTS

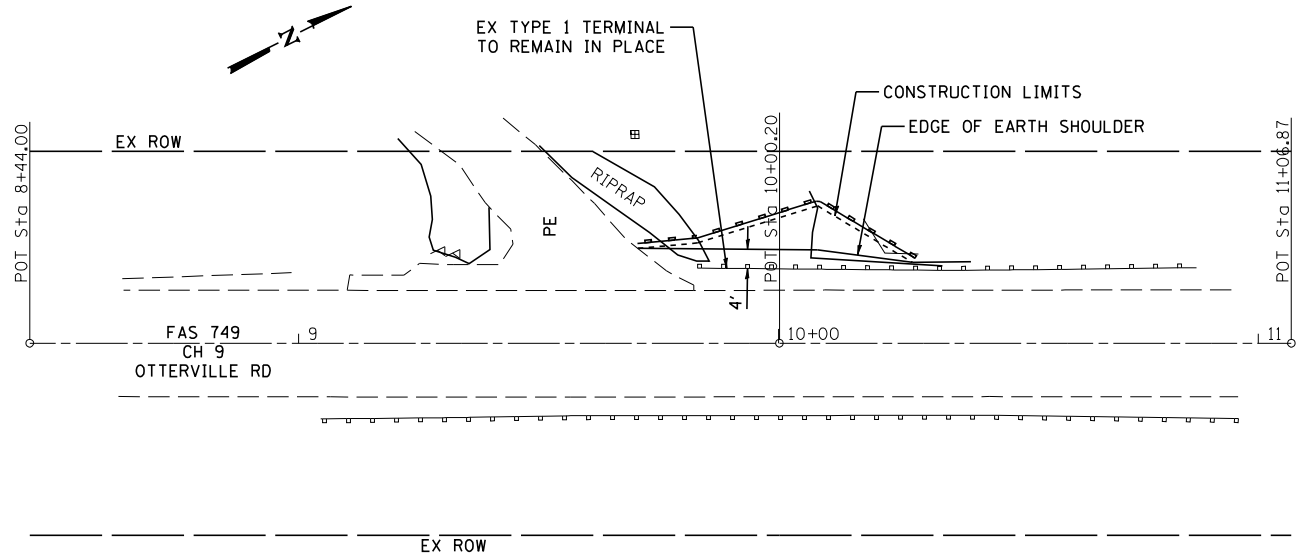
PLAN LOCATION 30

SCALE: SHEET NO. OF SHEETS STA. TO STA.

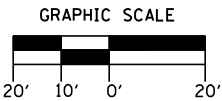
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
17-00058-00-GR	JERSEY	57	26	
CONTRACT NO. 97682				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



- LEGEND
- TEMPORARY DITCH CHECKS
 - PERIMETER EROSION BARRIER
 - INLET AND PIPE PROTECTION
 - STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
 - STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
 - TRAFFIC BARRIER TERMINAL, TYPE 2
 - TRAFFIC BARRIER TERMINAL, TYPE 5A
 - TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
 - GUARDRAIL BLOCKS



LOCATION NO. 34
ADT 1000
DESIGN SPEED 50 MPH
MAJOR COLLECTOR

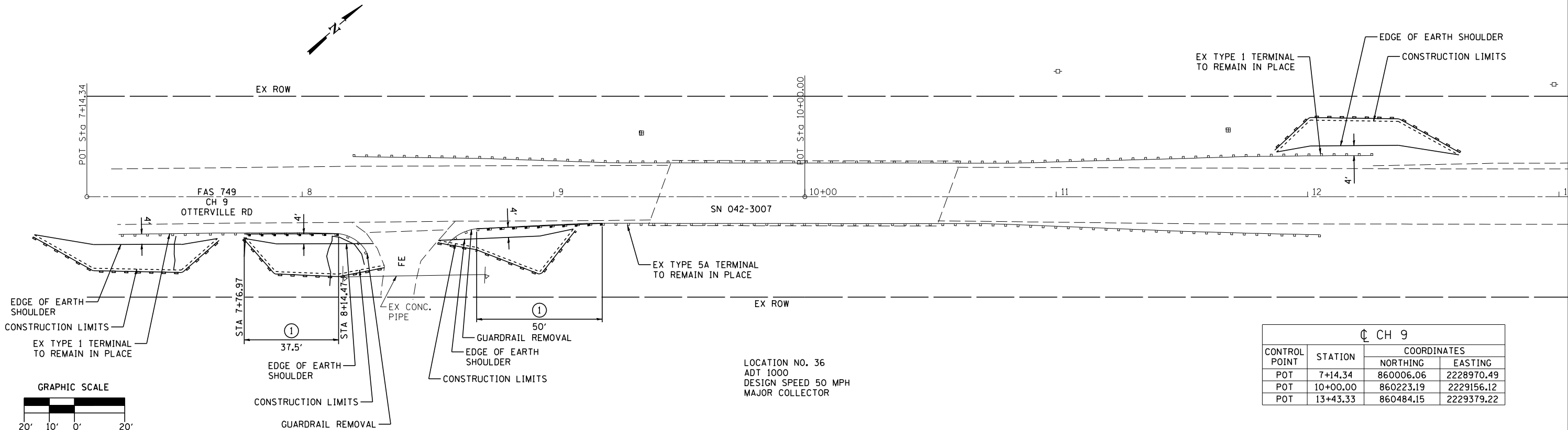


EXISTING SHOULDERS SHALL BE WIDENED
AS SHOWN ON STANDARD 630301

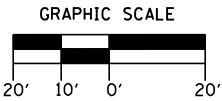
LEGEND

- TEMPORARY DITCH CHECKS
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- TRAFFIC BARRIER TERMINAL, TYPE 2
- TRAFFIC BARRIER TERMINAL, TYPE 5A
- TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

CH 9			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
POT	8+44.00	863079.37	2230244.79
POT	10+00.20	863219.30	2230314.23
POT	11+06.87	863314.84	2230361.64



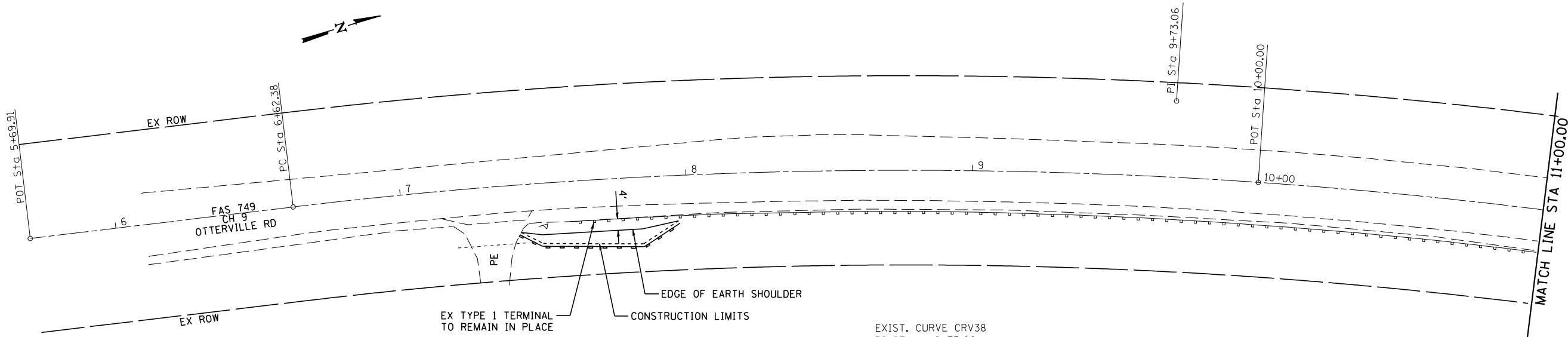
LOCATION NO. 36
ADT 1000
DESIGN SPEED 50 MPH
MAJOR COLLECTOR



CH 9			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
POT	7+14.34	860006.06	2228970.49
POT	10+00.00	860223.19	2229156.12
POT	13+43.33	860484.15	2229379.22

• VARIOUS

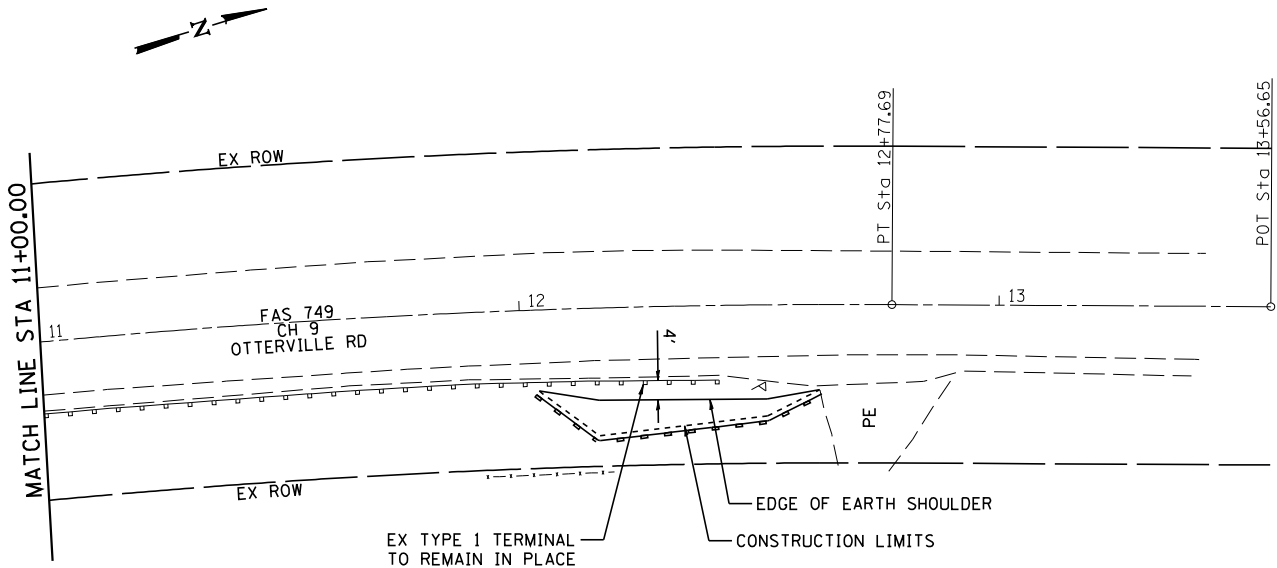
SEC 27, T7N, R12W, 3RD PM



EXIST. CURVE CRV38
PI STA. = 9+73.06
 Δ = 19° 35' 09" (RT)
D = 3° 10' 59"
R = 1,800.00'
T = 310.68'
L = 615.31'
E = 26.62'
 θ = ----
T.R. = ----
S.E. RUN = ----
P.C. STA. = 6+62.38
P.T. STA. = 12+77.69

EXISTING SHOULDERS SHALL BE WIDENED
AS SHOWN ON STANDARD 630301

SEC 27, T7N, R12W, 3RD PM



LOCATION NO. 38
ADT 1150
DESIGN SPEED 50 MPH
MAJOR COLLECTOR

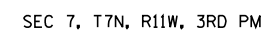
LEGEND

- TEMPORARY DITCH CHECKS
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- TRAFFIC BARRIER TERMINAL, TYPE 2
- TRAFFIC BARRIER TERMINAL, TYPE 5A
- TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

CH 9			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
POT	5+69.91	858049.06	2227823.90
PC	6+62.38	858140.22	2227839.37
PI	9+73.06	858446.53	2227891.36
POT	10+00.00	858465.85	2227926.67
PT	12+77.69	858717.68	2228043.03
POT	13+56.65	858786.59	2228081.57

VARIOUS

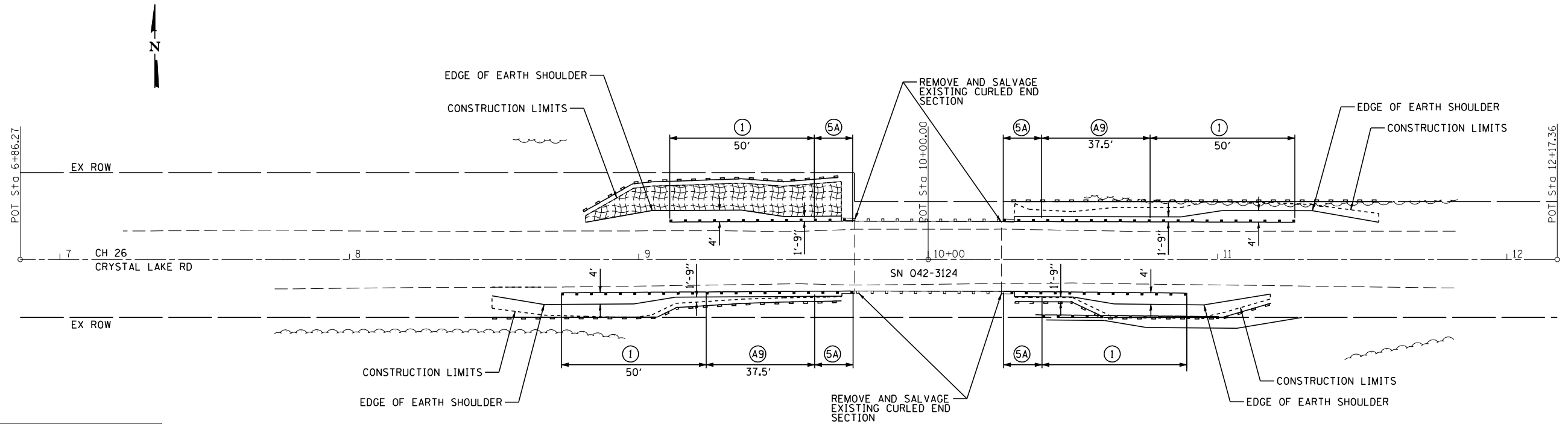
SEC 7, T7N, R11W, 3RD PM



LOCATION NO. 41
ADT 500
DESIGN SPEED 50 MPH
LOCAL ROAD

	TEMPORARY DITCH CHECKS
	PERIMETER EROSION BARRIER
	INLET AND PIPE PROTECTION
	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
	TRAFFIC BARRIER TERMINAL, TYPE 2
	TRAFFIC BARRIER TERMINAL, TYPE 5A
	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
	GUARDRAIL BLOCKS

SEC 33, T8N, R11W, 3RD PM



CH 26			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
POT	6+86.27	881352.30	2250543.83
POT	10+00.00	881350.37	2250857.55
POT	12+17.36	881349.04	2251074.91



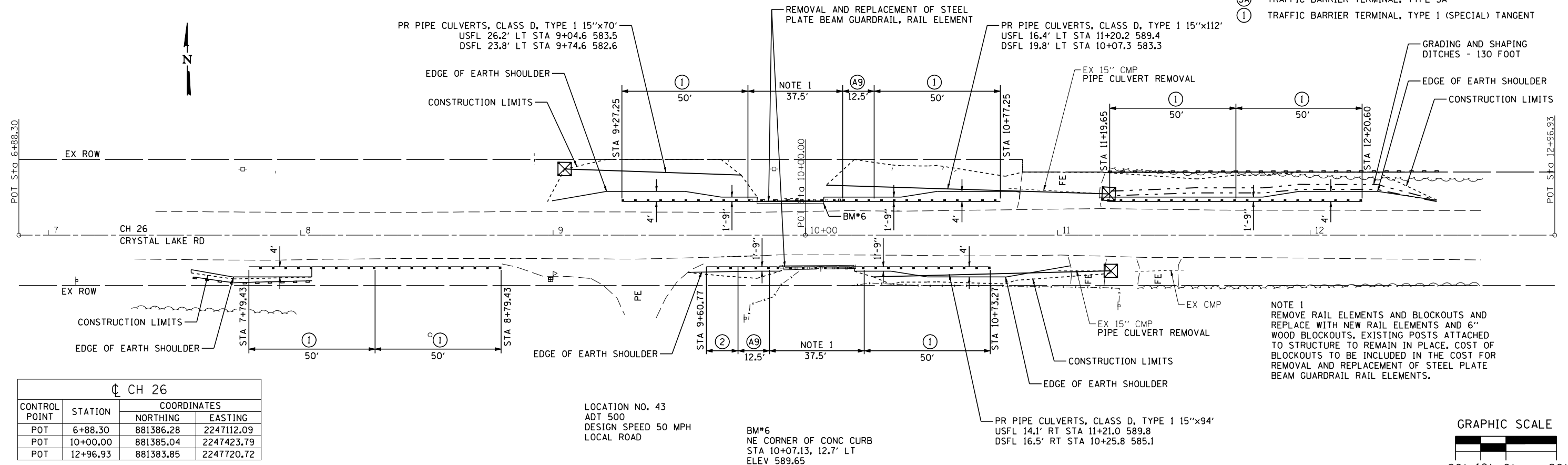
LOCATION NO. 42
ADT 500
DESIGN SPEED 50 MPH
LOCAL ROAD

LEGEND	
	TEMPORARY DITCH CHECKS
	PERIMETER EROSION BARRIER
	INLET AND PIPE PROTECTION
	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
	TRAFFIC BARRIER TERMINAL, TYPE 2
	TRAFFIC BARRIER TERMINAL, TYPE 5A
	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

SEC 4, T7N, R11W, 3RD PM

SEC 32, T8N, R11W, 3RD PM

SEC 33, T8N, R11W, 3RD PM



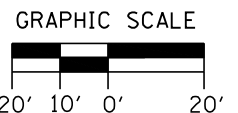
CH 26			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
POT	6+88.30	881386.28	2247112.09
POT	10+00.00	881385.04	2247423.79
POT	12+96.93	881383.85	2247720.72

LOCATION NO. 43
ADT 500
DESIGN SPEED 50 MPH
LOCAL ROAD

BM#6
NE CORNER OF CONC CURB
STA 10+07.13, 12.7' LT
ELEV 589.65

PR PIPE CULVERTS, CLASS D, TYPE 1 15"x94'
USFL 14.1' RT STA 11+21.0 589.8
DSFL 16.5' RT STA 10+25.8 585.1

NOTE 1
REMOVE RAIL ELEMENTS AND BLOCKOUTS AND
REPLACE WITH NEW RAIL ELEMENTS AND 6"
WOOD BLOCKOUTS. EXISTING POSTS ATTACHED
TO STRUCTURE TO REMAIN IN PLACE. COST OF
BLOCKOUTS TO BE INCLUDED IN THE COST FOR
REMOVAL AND REPLACEMENT OF STEEL PLATE
BEAM GUARDRAIL RAIL ELEMENTS.



SEC 5, T7N, R11W, 3RD PM

SEC 4, T7N, R11W, 3RD PM



JOB = 2465.1
FILE NAME = plan42&43.dgn
PLOT SCALE = 40,0000' / IN.
PLOT DATE = 11/5/2018

DESIGNED - CGF
DRAWN - CGF
CHECKED - NAK
DATE - 7/03/2017

REVISED -
REVISED -
REVISED -
REVISED -

JERSEY COUNTY GUARDRAIL IMPROVEMENTS

PLAN LOCATIONS 42 AND 43

SCALE: SHEET NO. OF SHEETS STA. TO STA.

VARIOUS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	17-00058-00-GR	JERSEY	57	31
CONTRACT NO. 97682				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SEC 22, T7N, R11W, 3RD PM

DETAIL A

EX ROW

FAS 748
CH 6
McCLUSKY RD

EX ROW

GRAPHIC SCALE

CH 6			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
POT	7+02.05	864032.03	2259053.73
POT	10+00.00	864024.69	2259351.59
POT	13+01.77	864017.26	2259653.28

LOCATION NO. 44
ADT 350
DESIGN SPEED 40 MPH
MAJOR COLLECTOR

LEGEND

- TEMPORARY DITCH CHECKS
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- TRAFFIC BARRIER TERMINAL, TYPE 2
- TRAFFIC BARRIER TERMINAL, TYPE 5A
- TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- GUARDRAIL BLOCKS

SEC 24, T8N, R11W, 3RD PM

GRAPHIC SCALE

20' 10' 0' 20'

CH 16

CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
POT	6+58.16	894530.24	2270770.22
POT	10+00.00	894872.07	2270772.85

LOCATION NO. 45
ADT 700
DESIGN SPEED 50 MPH
MAJOR COLLECTOR

 CEC Cummins Engineering Corporation Civil and Structural Engineering		JOB : 2465.1 FILE NAME : plan44&45.dgn PLOT SCALE : 48.0000 ' / IN. PLOT DATE : 11/5/2018	DESIGNED - CGF DRAWN - CGF CHECKED - NAK DATE - 7/03/2017	REVISED - REVISED - REVISED - REVISED -	SEC 19, T8N, R10W, 3RD PM	PLAN LOCATIONS 44 AND 45				F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEE NO.	VARIOUS 17-00058-00-GR JERSEY 57 32	CONTRACT NO. 97682		
						SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT

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

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

CEC

Cummins Engineering Corporation

Civil and Structural Engineering

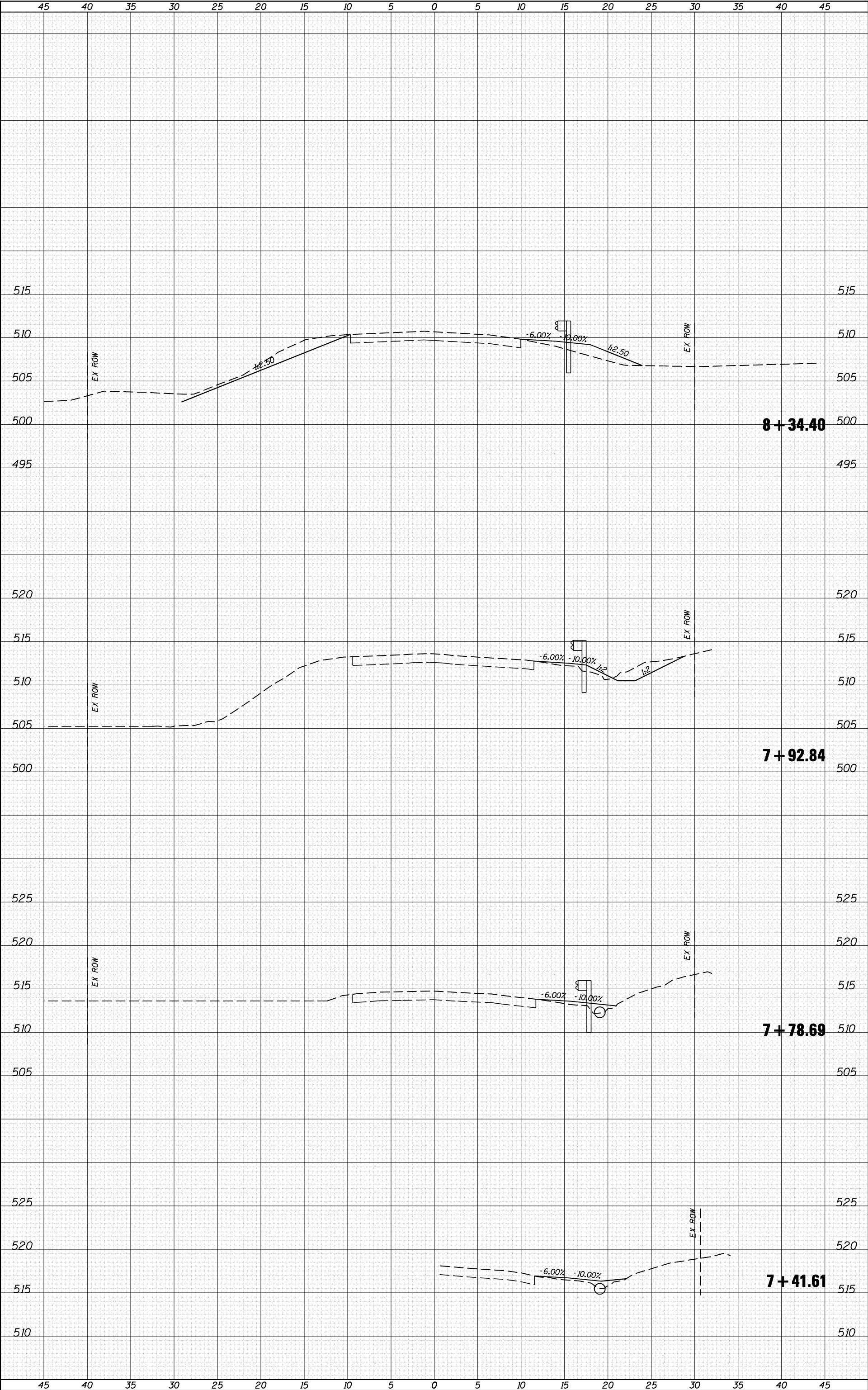
JOB = 2465.1	DESIGNED - NAK	REVISED -
FILE NAME = 2465.1-rlt-sscc.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 18.0000' / 1".	CHECKED - NAK	REVISED -
PLOT DATE = 11/5/2018	DATE - 11/5/2018	REVISED -

JERSEY COUNTY

GUARDRAIL IMPROVEMENTS

SCALE:	SHEET NO.	OF	SHEETS	STA. 7+41.61	TO STA. 8+34.40
CROSS SECTIONS					

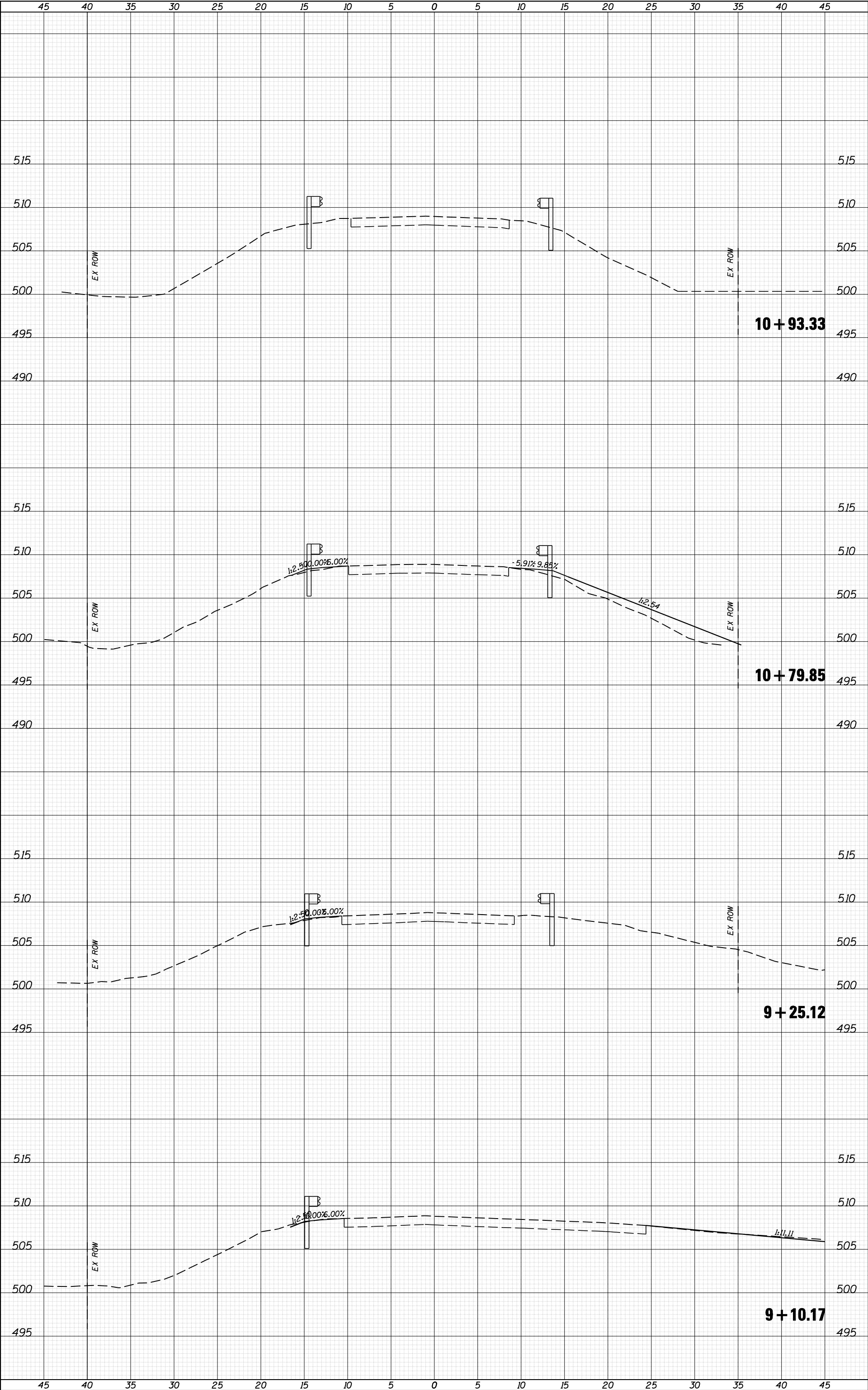
F.A. RITE.	SECTION	COUNTY	TOTAL SHEETS NO.
•	17-00058-00-0R	JERSEY	57
FED. ROAD DIST. NO.			CONTRACT NO.
ILLINOIS			33
VARIOUS			



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

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

 Cummins Engineering Corporation <i>Civil and Structural Engineering</i>	JOB = 2465.1	DESIGNED - NAK	REVISED -	JERSEY COUNTY GUARDRAIL IMPROVEMENTS											
	FILE NAME = 2465.1-shr+secdgn	DRAWN - SJS	REVISED -												
	PLOT SCALE = 1/8,0000' / IN.	CHECKED -	REVISED -												
	PLOT DATE = 11/5/2018	DATE - 11/5/2018	REVISED -												
				CROSS SECTIONS											
SCALE:		SHEET NO.	OF	SHEETS	STA.	9+10.17	TO STA.	10+93.33	F.A. •		SECTION		COUNTY	TOTAL SHEET	
									•		17-00058-00-6R		JERSEY	57	35
												CONTRACT NO.			
										FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			



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

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

[illegible]

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

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

CEC Cummins
Engineering
Corporation

Civil and Structural Engineering

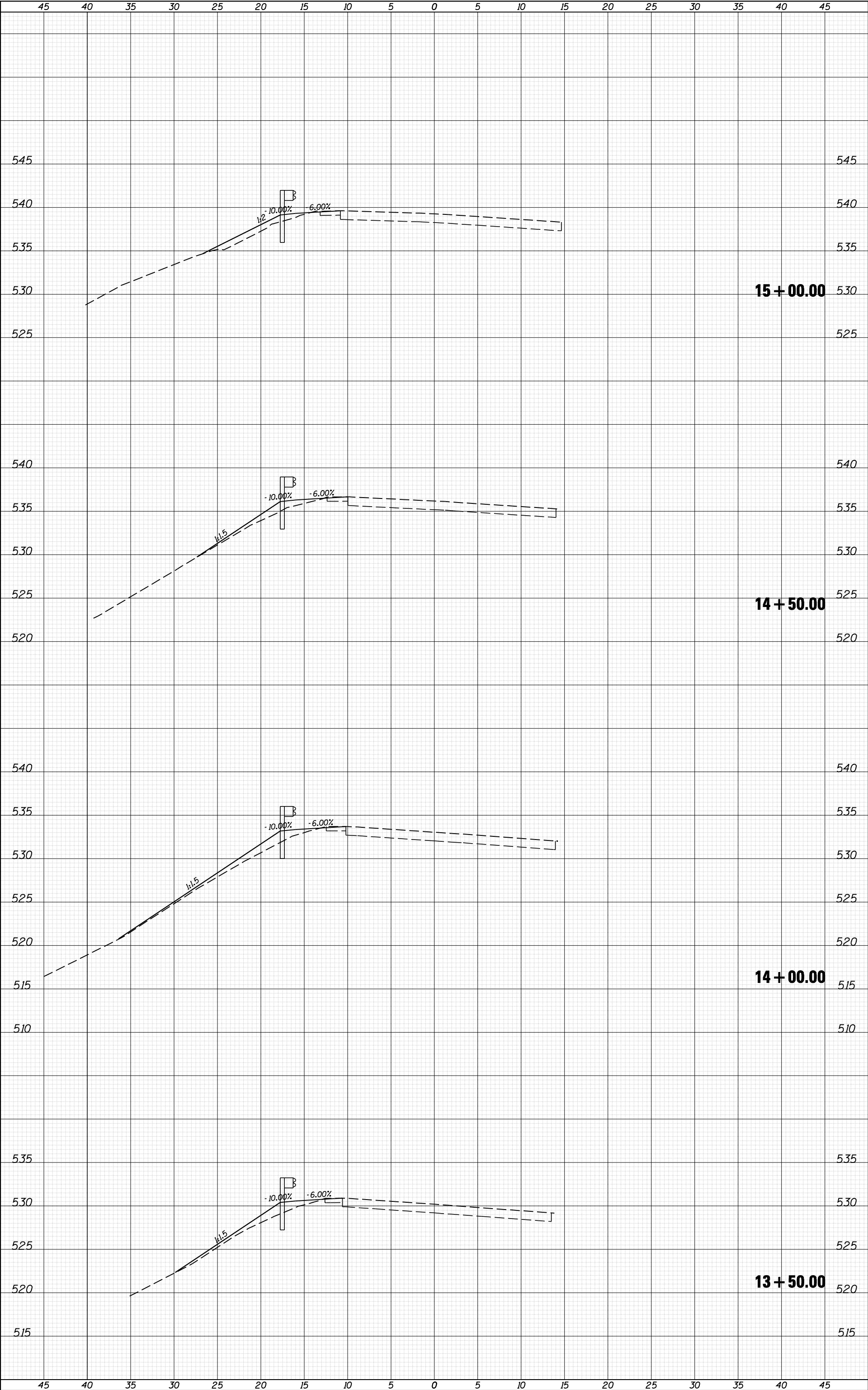
JOB = 2465.1	DESIGNED -	NAK
FILE NAME = 2465.1-shr-sec.dgn	DRAWN -	SJS
PLOT SCALE = 10.0000 ' / IN.	CHECKED -	NAK
PLOT DATE = 11/5/2018	DATE -	11/5/2018

REVISED	-
REVISED	-
REVISED	-
REVISED	-

JERSEY COUNTY GUARDRAIL IMPROVEMENTS

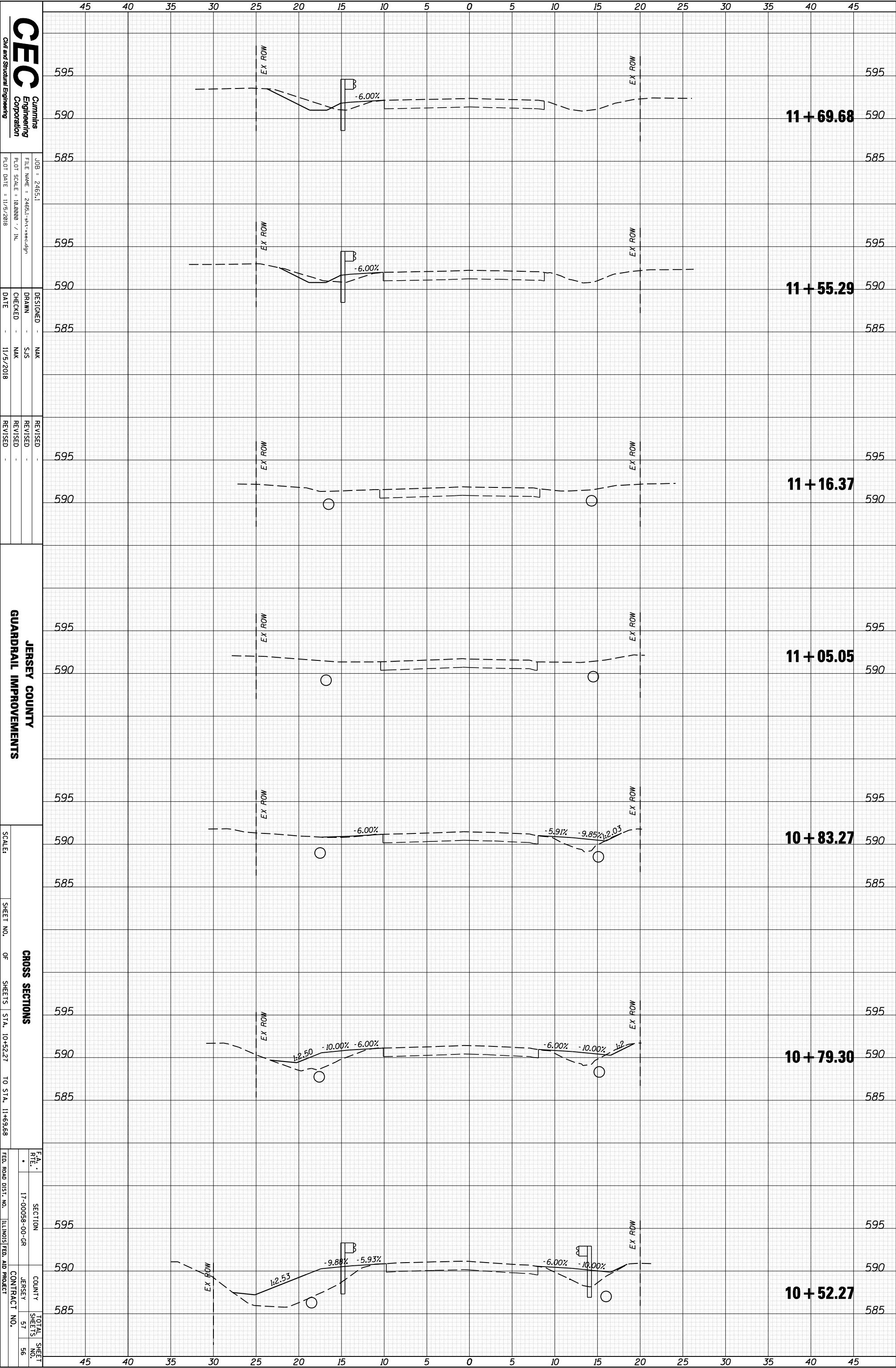
CROSS SECTIONS			
SCALE	SHEET NO.	OF SHEETS	STA. 13+50.00 TO STA. 15+00.00

F.A. SECTION	COUNTY	TOTAL SHEET NO.
17-00058-00-CR	JERSEY	57
		48
CONTRACT NO.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT



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

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



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

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

