SEE SHEET 2 FOR INDEX OF SHEETS AND LIST OF ILLINOIS DOT HIGHWAY STANDARDS

06-14-2024 LETTING ITEM 155

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

UTILITY CONTACTS:

UTILITY TYPE:

COMMUNICATIONS
COMCAST
ATT: MARTHA GIFRAS

ATT: MARTHA GIERAS PHONE: (224) 229-5862

UTILITY TYPE:

 \circ

 \circ

 \circ

 \circ

COMMUNICATIONS
WINDSTREAM KDL/MCLEOD USA
ATTN: LOCATE DESK
PHONE: (800) 289–1901

UTILITY TYPE:

COMMUNICATIONS
METRO COMMUNICATIONS CO.
ATTN: TAYLOR RICH
PHONE: (217) 728–3608

UTILITY TYPE:

ELECTRIC

EASTERN ILLINI ELECTRIC COOP. ATT: BRAD SMITH

PHONE: (217) 379-2131 x 173

UTILITY TYPE: GAS PIPELINE

MIDWESTERN GAS TRANSMISSION

ATT: NICK BOCKLET PHONE: (779) 230-0519

UTILITY TYPE:

GAS PIPELINE

TRUNKLINE GAS CO./AMBIA ATT: G. MICK BRADDOCK PHONE: (765) 869–5521 x 211

UTILITY TYPE:

GAS PIPELINE BP PIPELINES ATT: BLAKE PATRICK

PHONE: (872) 245-3915 PHONE: (630) 281-0342

UTILITY TYPE: GAS /WATER WESTVILLE GAS & WATER ATT: MICHAEL BENNETT

ATT: MICHAEL BENNETT PHONE: (217) 267–7911 PHONE: (217) 304–6575

UTILITY TYPE:

SANITARY SEWER

WESTVILLE BELGIUM SANITARY DISTRICT ATT: MICHAEL BENNETT PHONE: (217) 267–7911

UTILITY TYPE:

WATER/SEWER
CITY OF DANVILLE
ATT: SAM COLE

PHONE: (217) 304-6575

PHONE: (217) 431-2384

UTILITY TYPE: WATER/SEWER VILLAGE OF ROSSVILLE ATT: RANDY LUSK

PHONE: (217) 304-6816 PHONE: (217) 748-6914

UTILITY TYPE:

WATER AQUA ILLINOIS-VERMILION CO. ATT: STEPHEN PALINSKI PHONE: (815) 614-2047

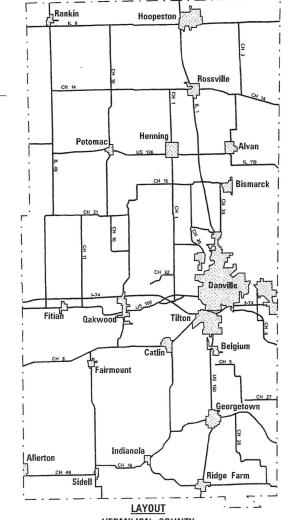
UTILITY TYPE:

WIND

HOOPESTON WIND, LLC ATT: ROY FALCON PHONE: (432) 557–8274

PLANS FOR PROPOSED FEDERAL-AID PROJECT HSIP FUNDS

VARIOUS ROUTES
SECTION 22-00220-00-GR
PROJECT NO. PMD7(036)
VERMILION COUNTY
C-95-032-24



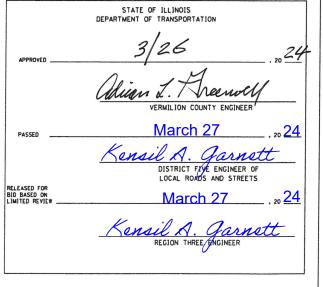
VERMILION COUNTY
COUNTY WIDE
(NOT TO SCALE)
(SEE SHEETS 10 & 11 FOR LOCATIONS)



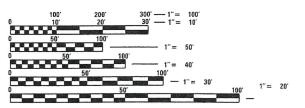
ILLINOIS PROFESSIONAL NO. 56816
(Expires 11/30/25)

| VARIOUS | SECTION | COUNTY | TOTAL | SHEETS | NO. |
| 22-00220-00-GR | VERMILION | 39 | 1 |
| FEDERAL AID PROJECT | ILLINOIS | CONTRACT NO. 91641





PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS



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

CONTRACT NO. 91641



GENERAL NOTES

SHEET NO.	<u>TITLE</u>
1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, AND ENTRANCE DETAILS
3-4	SUMMARY OF QUANTITIES
5	TYPICAL SECTIONS
6-9	SCHEDULES OF QUANTITIES
10-11	LOCATION MAP
12 - 37	PLAN SHEETS
38	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

STEEL RAILING, 2399

INDEX OF SHEETS

39

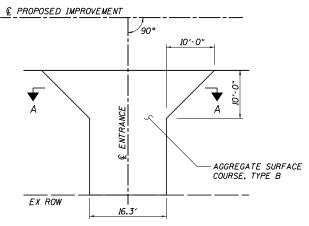
LIST OF TEE	THOIS BOT THOMAN STANDANDS
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
542401-04	METAL FLARED END SECTION FOR PIPE CULVERTS
630001-13	STEEL PLATE BEAM GUARDRAIL
630106-02	LONG-SPAN GUARDRAIL OVER CULVERT
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
631026-06	TRAFFIC BARRIER TERMINAL, TYPE 5
631031-18	TRAFFIC BARRIER TERMINAL, TYPE 6
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701901-09	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
782001-01	CURB REFLECTORS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR 27-1	TRAFFIC BARRIER TERMINAL TYPE 5A €

- I. THE PROJECT IS LOCATED ON VARIOUS ROUTES IN VERMILION COUNTY. THE WORK INCLUDED IN THIS SECTION CONSISTS OF GUARDRAIL REMOVAL, REPLACEMENT, AND ALL OTHER WORK NECESSARY TO COMPLETE THE PROJECT.
- 2. ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- 3. NO MATERIAL SHALL BE LEFT ON OR NEAR THE ROADWAY DURING NON-WORKING HOURS.
- 4. WHEN NO WORK IS BEING PREFORMED, THE FLAGGERS WILL NOT BE REQUIRED. IF THE FLAGGERS ARE NOT PRESENT, THE FLAGGER SIGNS SHALL BE REMOVED
- 5. ANY NECESSARY TRAFFIC CONTROL WILL BE PROVIDED BY THE CONTRACTOR. APPROPRIATE STANDARDS ARE INCLUDED IN THE PLANS AND CONTRACT
- 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.
- 7. 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.
- 8. 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.
- 9. 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
- 10. REMOVED GUARDRAIL THAT IS NOT REPLACED ON THE SAME DAY MUST BE DELINEATED WITH LIGHTED TYPE III BARRICADES. NO LOCATIONS SHALL BE LEFT WITHOUT EITHER LIGHTED BARRICADES OR RESTORED GUARDRAIL AT ANY TIME. CONTRACTOR SHALL MAKE SURE ALL DRUMS AND BARRICADES ARE IN PLACE WHERE GUARDRAIL POSTS ARE REMOVED IN ACCORDANCE WITH ARTICLE 701 OF THE STANDARD SPECIFICATIONS.

- II. ALL STEEL PLATE BEAM GUARDRAIL RAIL ELEMENTS, POSTS AND HARDWARE THAT ARE NOT REINCORPORATED INTO THE PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR. THIS WORK WILL INCLUDE THE REMOVAL, HAULING, AND DISPOSAL OF ALL MATERIAL AND SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEMS.
- 12. FURNISHED EXCAVATION, AS SHOWN, IS FOR CONSTRUCTION OF THE PROPOSED SHOULDER WIDENING FOR TYPE I (SPECIAL) GUARDRAIL TERMINALS AND FOR SHOULDER WIDENING ALONG STEEL PLATE BEAM GUARDRAIL AS NEEDED. SHOULDER WIDENING AT TYPE I (SPECIAL) TERMINALS SHALL BE AS SHOWN ON STANDARD 630301. SHOULDER WIDENING AT STEEL PLATE BEAM GUARDRAIL TYPE A, 6 FOOT POSTS WILL BE TWO FEET BEHIND THE POST AS SHOWN ON STANDARD 630001. SHOULDER WIDENING AT STEEL PLATE BEAM GUARDRAIL TYPE A, 9 FOOT POSTS WILL BE TO THE FACE OF THE POST AS SHOWN ON STANDARD 630001. QUANTITIES SHOWN ARE APPROXIMATE.
- 13. TEMPORARY SEEDING OPERATION SHALL BE COMPLETED WITHIN 3 DAYS OF COMPLETING GUARDRAIL WORK.
- 14. SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION, LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER, THE TOTAL DISTURBANCE AREA IS NOT CONTIGUOUS AND IS DISTRIBUTED THROUGHOUT THE INDIVIDUAL LOCATIONS AS SHOWN IN THE PLANS.
- 15. 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.
- 16. NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.
- 17. BEFORE ORDERING PIPE CULVERTS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT PIPE LENGTHS.
- 18. LAYOUT OF EROSION CONTROL ITEMS MAY BE VARIED IN THE FIELD TO SUIT GROUND CONDITIONS AS DIRECTED BY THE ENGINEER.

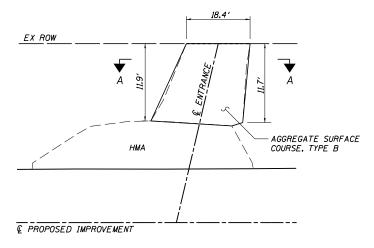
APPLICATION RATES USED IN QUANTITY CALCULATIONS TEMPORARY EROSION CONTROL SEEDING __ _ _ _ 100 LBS/ACRE

> COMMITMENTS NONE AT THIS TIME



SCALE:

FIELD ENTRANCE DETAIL LOCATION 65



PRIVATE ENTRANCE DETAIL LOCATION 21

CEC	Cummins Engineering Corporation	
ENGINEERS & SUR	VEYORS	

JOB = 2740.1	DESIGNED	-	CGF	REVISED -
FILE NAME = 2740.1-sht-gen.dgn	DRAWN	-	CGF	REVISED -
PLOT SCALE = 100.0000'/in.	CHECKED	-	THF	REVISED -
PLOT DATE = 3/25/2024	DATE	-	07/10/2023	REVISED -

VERMILION COUNTY GUARDRAIL IMPROVEMENTS

AGGREGATE SURFACE COURSE. TYPE B

ROADBED WIDTH

SECTION A-A

2.0%

2.0%

INDEX OI GENERAL					
SHEET	OF	SHEETS	STA.	TO ST	Α.

ROUTE VARIOUS	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00220-00-GR	VERMILION	39	2
		CONTRAC	T NO.	91641
	TILL INDIS EED AT	IN PROJECT		

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
*	20200100	EARTH EXCAVATION	CU YD	625
۲	20400800	FURNISHED EXCAVATION	CU YD	1,705
*	21400100	GRADING AND SHAPING DITCHES	FOOT	2,683
	25100630	EROSION CONTROL BLANKET	SQ YD	310
,	25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	24
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	237
	28000305	TEMPORARY DITCH CHECKS	FOOT	176
	28000400	PERIMETER EROSION BARRIER	FOOT	6,590
	28000500	INLET AND PIPE PROTECTION	EACH	7
	28100807	STONE DUMPED RIPRAP, CLASS A4	TON	34
	40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	23
-	50105220	PIPE CULVERT REMOVAL	FOOT	97
	50900200	STEEL RAILING, TYPE 2399	FOOT	50.0
<	54262715	METAL FLARED END SECTIONS 15"	EACH	2

CODE NO.	ITEM	TINU	TOTAL
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	212
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	90
63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	150.0
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	4,487.5
63000009	STEEL PLATE BEAM GUARDRAIL, TYPE B, 9 FOOT POSTS	FOOT	1,212.5
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	FOOT	525.0
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	FOOT	87.5
63000370	LONG-SPAN GUARDRAIL OVER CULVERT, 25 FT SPAN	FOOT	400.0
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	4
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4
63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	4
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	83
63200310	GUARDRAIL REMOVAL	FOOT	10,768

* SPECIALTY ITEMS

Cummins	JOB = 2740.1		REVISED -
Engineering	FILE NAME = 2740.1-sht-gen.dgn	DRAWN - CGF	REVISED -
Corporation	PLOT SCALE # 100,0000 '/ In.		REVISED -
ENGINEERS & SURVEYORS	PLOT DATE = 3/20/2024		REVISED -

	lv.				ROUTE VARIOUS	SECTION	COUNTY	TOTAL	SHEET NO.	
		SUMMARY	OF QU	ANTITIES			22-00220-00-GR	VERMILION	39	3
								CONTRAC	T NO.	91641
SCALÉ:	SHEET	OF	SHEETS	STA,	TO STA.		ILLINOIS FED. AL	D PROJECT		

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTIT
67100100	MOBILIZATION	L SUM	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1
72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	83
78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	211
78200020	CURB REFLECTORS	EACH	4
X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	2.50
X5012502	CONCRETE REMOVAL (SPECIAL)	CU YD	2.0
X5091600	STEEL RAILING REMOVAL	FOOT	50
X6300130	STEEL PLATE BEAM GUARDRAIL, TYPE A (SPECIAL)	FOOT	50.0
X6330725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	225.0
X7011800	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1

* SPECIALTY ITEMS

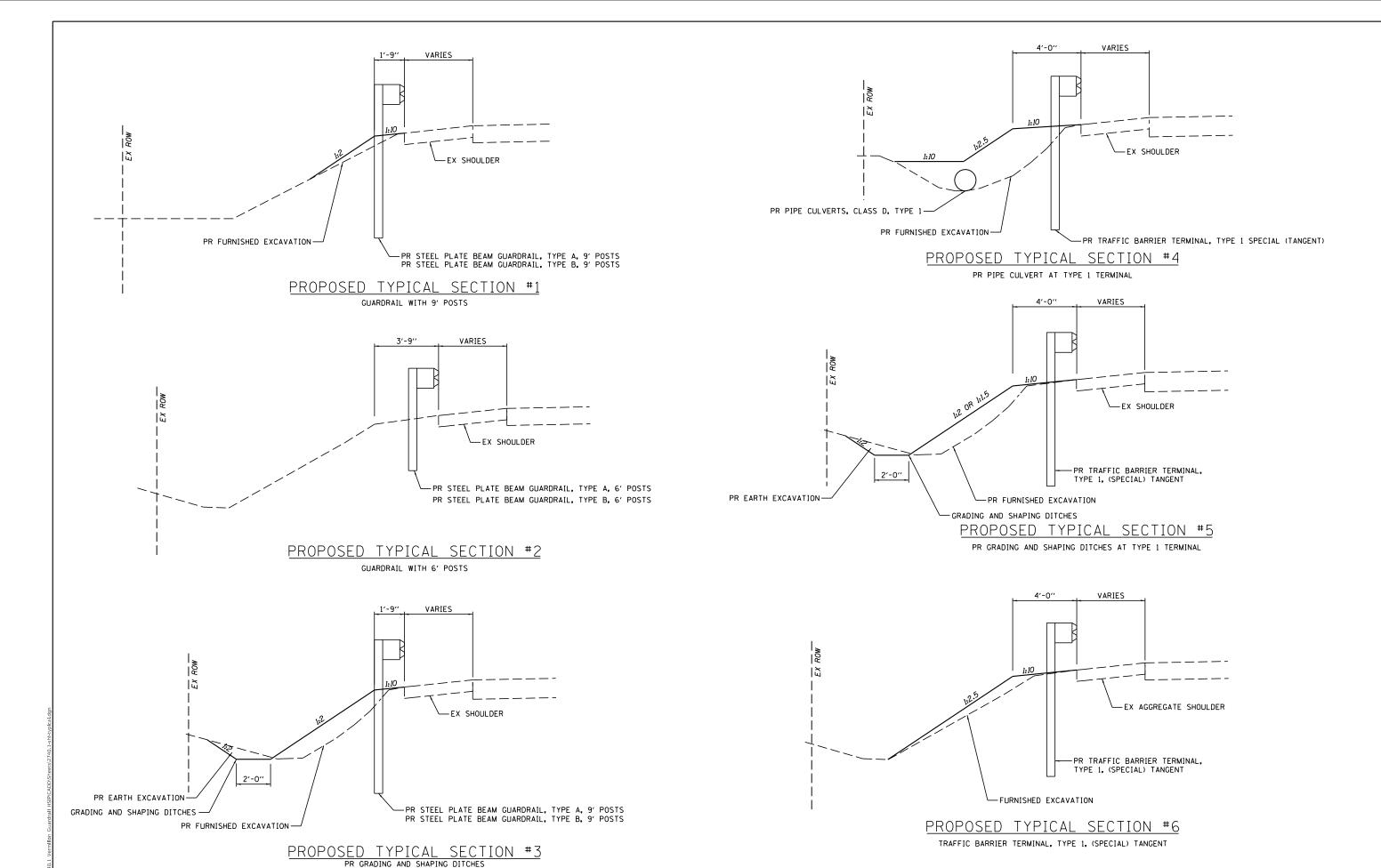
CEC Cummins
Engineering
Corporation

ENGINEERS & SURVEYORS

| DB = 2740.1
| FRE NAME = 2740.1-shi-gen.dgn |
PLOT SCALE = 100.0000 '/in. |
PLOT DATE = 3/19/2024

JOB = 2740.1	DESIGNED - CGF	REVISED -
FILE NAME = 2740.1-shi-gerudgn	DRAWN - CGF	REVISED -
PLOT SCALE = 100.0000*/hr.	CHECKED - THF	REVISED -
PLOT DATE = 3/19/2024	DATE - 07/10/2023	REVISED -

VERMILION COUNTY GUARDRAIL IMPROVEMENTS



CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

 Cummins
 JOB = 2740.1
 DESIGNED - CGF
 REVISED

 Engineering Corporation VEYORS
 FILE NAME = 2740.1-sht-typical.dgn
 DRAWN - CGF
 REVISED

 DESIGNED - CGF
 REVISED - REVISED

 DCALE = 5.0000*/In.
 CHECKED - THF
 REVISED

 DATE - 3/20/2024
 DATE - 07/10/2023
 REVISED

VERMILION COUNTY
GUARDRAIL IMPROVEMENTS

LOCATION	20200100 EARTH EXCAVATION	EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	20400800 EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU YD	CU YD	CU YD	CU YD
10	5	5	15	-10
11	5	5	85	-80
14	20	15	35	-20
16	5	5	20	-15
17	15	15	55	-40
18	30	25	65	-40
20	10	10	20	-10
21	25	20	55	-35
23	25	20	80	-60
26	65	50	195	-145
27	10	10	50	-40
31	30	25	30	-5
33	75	60	240	-180
34	5	5	45	-40
35	5	5	55	-50
37	55	45	110	-65
38	40	30	90	-60
61	25	20	15	5
63	0	0	220	-220
64	40	30	135	-105
65	30	25	105	-80
66	20	15	125	-110
67	20	15	45	-30
68	25	20	145	-125
70	10	10	75	-65
71	30	25	105	-80
TOTAL	625	510	2,215	-1,705

LOCATION NUMBER	QUADRANT (NE, SE, NW, SW, LEFT, RIGHT)	X2501000 SEEDING, CLASS 2 (SPECIAL)		
10	LT	0.026		
11	LT	0.044		
11	RT	0.045		
14	NE NE	0.003		
14	NW	0.005		
	SE	0.000		
	SW	0.012		
16	LT	0.031		
17	LT	0.037		
17	RT	0.037		
18	LT	0.038		
10	RT	0.039		
20	LT	0.020		
21	LT	0.040		
21	RT	0.055		
23	LT	0.045		
20	RT	0.008		
26	RT	0.134		
27	NE NE	0.027		
	NW	0.004		
	SE	0.027		
	sw	0.008		
31	LT	0.023		
	RT	0.037		
33	LT	0.053		
	RT	0.102		
34	LT	0.024		
	RT	0.029		
35	RT	0.092		
37	LT	0.069		
	RT	0.082		
38	LT	0.074		
	RT	0.046		
61	LT	0.040		
	RT	0.038		
63	LT	0.083		
	RT	0.085		
64	LT	0.064		
	RT	0.059		
65	LT	0.100		
	RT	0.071		
66	LT	0.063		
	RT	0.085		

LOCATION NUMBER	QUADRANT (NE, SE, NW, SW, LEFT, RIGHT)	X2501000 SEEDING, CLASS 2 (SPECIAL)
67	LT	0.017
	RT	0.049
68	LT	0.048
	RT	0.054
70	LT	0.057
	RT	0.046
71	LT	0.068
	RT	0.048
T0.T41		0.004

TOTAL	2.391
USE	2.50

LOCATION NUMBER	QUADRANT (NE, SE, NW, SW, LEFT, RIGHT)	28100807 STONE DUMPED RIPRAP, CLASS A4
		TON
65	RT	3
66	LT	8
	RT	7
70	LT	6
	RT	3
71	LT	7
TOTAL		34

LOCATION NUMBER	NUMBER SW, LEFT, RIGHT)	
21	RT	9
65	LT	14
TOTAL		23

LOCATION NUMBER	QUADRANT (NE, SE, NW, SW, LEFT, RIGHT)	50105220 PIPE CULVERT REMOVAL FOOT
21	LT	34
35	RT	33
65	LT	30
TOTAL	•	97

QUADRANT LOCATION (NE, SE, NW NUMBER SW, LEFT, RIGHT)		X5012502 CONCRETE REMOVAL (SPECIAL)		
67	LT	1.0		
	RT	1.0		

TOTAL 2.0

E INMINE, D.	CEC	Cummins Engineering Corporation
Ē	ENGINEERS & SUR	VEYORS
LICE IN	ENGINEERS & SUR	

JOB = 2740.1	DESIGNED	-	CGF	REVISED	-
FILE NAME = 2740.1-sht-schedules.dgn	DRAWN	-	CGF	REVISED	-
PLOT SCALE = 2.0000'/In.	CHECKED	-	THF	REVISED	-
PLOT DATE = 3/26/2024	DATE	-	03/19/2024	REVISED	-

VERMILI	ON	COUNTY
GUARDRAIL	IMI	PROVEMENTS

lv.					ROUTE VARIOUS	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
SCHEDULES OF QUANTITIES						22-00220-00-GR	VERMILION	39	6	
								CONTRAC	T NO.	91641
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED.	AID PROJECT		

LOCATION NUMBER	QUADRANT (NE, SE, NW, SW, LEFT, RIGHT)	28000250 TEMPORARY EROSION CONTROL SEEDING		28000500 INLET AND PIPE PROTECION		28000305 TEMPORARY DITCH CHECKS	25100630 EROSION CONTROL BLANKET	25100635 HEAVY DUTY EROSION CONTROL BLANKET
	-	POUND	FOOT	EACH	FOOT	FOOT	SQ YD	SQ YD
10	LT	2.6						
11	LT	4.4	261				89	
	RT	4.5	226				100	
14	NE	0.3	122					
	NW	0.5	63					
	SE							
	SW	1.2	128					
16	LT	3.1	407			_		
17	LT	3.7	198		34	8		
	RT	4.1	99	1	42			
18	LT	3.8	220					
	RT	3.9	197					
20	LT	2.0	58		4.4	40		
21	LT	4.0	125	1	44	16		
	RT	5.5	404		89	8		
23	LT	4.5	124		80	8		
	RT	0.8	000					
26	RT	13.4	268					
27	NE	0.5	38					
	NW	0.4	38					
	SE	2.7	245					
24	SW	0.8	85					
31	LT	2.3	209					
22	RT	3.7	97					
33	LT RT	5.3 10.2	144 260	1				
34	LT	2.4	200	1				
34	RT	2.4	20					
35	RT	9.2	39 423	1	73	8	19	
37	LT	6.9	423		256	16	19	
31	RT	8.2			256	16		
38	LT	7.4			277	16		
30	RT	4.6			74	8		
61	LT	4.0	199		74	0		
01	RT	3.8	199					
63	LT	8.3	359	1	95	8		
- 55	RT	8.5	325	<u>'</u>	33	<u> </u>		
64	LT	6.4	300					
	RT	5.9	316					
65	LT	10.0	0.0		309	16		
- 55	RT	7.1			109	16		
66	LT	6.3			203	8		
	RT	8.5			204	_		24
67	LT	1.7	60	1				
	RT	4.9	35	<u> </u>	131	8		
68	LT	4.8	77	1		-		
	RT	5.4	255	1				
70	LT	5.7			196	8		
	RT	4.6	131			-	102	
71	LT	6.8			211	8	-	
	RT	4.8	260			_		
TOTAL		237	6,590	7	2,683	176	310	24

LOCATION NUMBER	QUADRANT (NE, SE, NW, SW, LEFT, RIGHT)	542D0220 PIPE CULVERTS, CLASS D, TYPE 1 15"	542D0223 PIPE CULVERTS, CLASS D, TYPE 1 18"	54262715 METAL FLARED END SECTIONS 15"
		FOOT	FOOT	EACH
21	LT		36	
33	RT		54	
35	RT	34		
63	LT	96		
65	LT	28		2
68	LT	54		
TOTAL		212	90	2

DESIGNED - CGF REVISED -DRAWN - CGF **VERMILION COUNTY** REVISED -CHECKED - THF

DATE - 03/19/2024 REVISED -**GUARDRAIL IMPROVEMENTS** REVISED -SCALE:

					ROUTE VARIOUS	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	SCHEDULE	S OF QU	ANTITIES			22-00220-00-GR	VERMILION	39	7
							CONTRAC	T NO.	91641
SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. AI	D PROJECT		

LOCATION NUMBER	QUADRANT (NE, SE, NW, SW, LEFT, RIGHT)	63000001 SPBGR, TY A, 6' POSTS	63000003 SPBGR, TY A, 9' POSTS	63000009 SPBGR, TY B, 9' POSTS	X6300130 SPBGR TYPE A (SPECIAL)	X6330725 SPBGR (SHORT RADIUS)		63000360 LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	63000370 LONG-SPAN GUARDRAIL OVER CULVERT, 25 FT SPAN	50900200 STEEL RAILING, TYPE 2399	63100167 TBT TY 1 (SPECIAL) TANGENT	63100045 TBT TYPE 2	63100075 TBT TYPE 5A	TBT	63100087 TBT TYPE 6A	63200310 GUARDRAIL REMOVAL	X5091600 STEEL RAILING REMOVAL	78200005 GUARDRAIL REFLECTORS, TYPE A	78200020 CURB REFLECTORS	72501000 TERMINAL MARKER - DIRECT APPLIED
		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	FOOT	FOOT	EACH	EACH	EACH
10	LT		175.0								2					287.5		4		2
	RT	112.5									2					225.0		4		2
11	LT		87.5								2					162.5		4		2
14	RT NE		50.0 25.0								2		1			162.5 45.0		4		2
14	NW		37.5			25.0					<u>'</u>		1			45.0		4		'
	SE		12.5										1			25.0		4		
	SW		25.0								1		1			45.0		4		1
16	LT		300.0	00.5			07.5				1					350.0		4		1
17	LT RT		100.0 25.0	62.5 50.0			37.5 37.5				1	1				247.0 172.0		4		1
18	LT		125.0	30.0			37.3				2					247.0		4		2
	RT		225.0								2					350.0		4		2
20	LT										2					42.0		4		2
21	LT		37.5	50.0			37.5				1					175.0		4		1
23	RT LT		50.0	50.0 50.0			37.5 37.5				2 2					225.0 225.0		4		2 2
2.5	RT			50.0			37.5				2					225.0		4		2
26	RT		387.5								2					495.0		6		2
27	NE		62.5								1			1		172.0		4		1
	NW		150.0								1			1		259.0		4		1
	SE		225.0								1			1		327.0		4		1
	sw		175.0											1		229.0		4		
31	LT		62.5			37.5					1	1				212.5		4		1
	RT		50.0								2					212.5		4		2
33	LT		237.5			37.5					1					319.0		4		1
	RT		312.5								2					421.0		4		2
34	LT		62.5		25.0	75.0										75.0	25.0	4		
	RT		75.0		25.0	25.0					1					75.0	25.0	4		1
35	RT		325.0								2					437.5		5		2
37	LT		12.5	50.0			37.5				2					262.5		4		2
	RT		12.5	50.0			37.5				2					262.5		4		2
38	LT		25.0	50.0					50.0		2					225.0		4		2
	RT		25.0	50.0					50.0		2					237.5		4		2
61	LT		125.0	50.0					50.0		2					350.0		4		2
	RT		137.5	50.0					50.0		2					350.0		4		2
63	LT		150.0								2					262.5		4		2
	RT		150.0								2					262.5		4		2
64	LT		62.5	50.0					50.0		2					275.0		4		2
	RT		87.5	50.0				40.0	50.0		2					300.0		4		2
65	LT		100.0	50.0				43.8			2	-				312.5		4		2
	RT		125.0	50.0				43.8	50.0		2					337.5		4		2
66	LT			50.0					50.0		2					87.5		4		2
67	RT	27.5		50.0					50.0	25.0	2				1	87.5		4		2
67	LT RT	37.5	75.0			25.0				25.0 25.0	2				2 2	245.0 195.0		4	2	2
	l KI		13.0			25.0				25.0	1					190.0		4	2	

ì١		
LE INAME: U.	CEC	Cummins Engineering Corporation
3	ENGINEERS & SUR	VEYORS

	JOB = 2740.1	DESIGNED	-	CGF	REVISED	-
g	FILE NAME = 2740.1-sht-schedules.dgn	DRAWN	-	CGF	REVISED	-
7	PLOT SCALE = 2.0000'/In.	CHECKED	-	THF	REVISED	-
	PLOT DATE = 3/26/2024	DATE	_	03/19/2024	REVISED	=

VERMILI	ON	COUNTY
GUARDRAIL	IMF	PROVEMENTS

					ROUTE VARIOUS	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	SCHEDULES	or au	IANTITLES			22-00220-00-GR	VERMILION	39	8
							CONTRAC	T NO.	91641
SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. AI	D PROJECT		

LOCATION NUMBER	QUADRANT (NE, SE, NW, SW, LEFT, RIGHT)	63000001 SPBGR, TY A, 6' POSTS	63000003 SPBGR, TY A, 9' POSTS	63000009 SPBGR, TY B, 9' POSTS	X6300130 SPBGR TYPE A (SPECIAL)	X6330725 SPBGR (SHORT RADIUS)	63000350 LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	63000360 LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	63000370 LONG-SPAN GUARDRAIL OVER CULVERT, 25 FT SPAN	50900200 STEEL RAILING, TYPE 2399	63100167 TBT TY 1 (SPECIAL) TANGENT	63100045 TBT TYPE 2	63100075 TBT TYPE 5A	63100085 TBT TYPE 6		63200310 GUARDRAIL REMOVAL	X5091600 STEEL RAILING REMOVAL	78200005 GUARDRAIL REFLECTORS, TYPE A	78200020 CURB REFLECTORS	72501000 TERMINAL MARKER - DIRECT APPLIED
		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	FOOT	FOOT	EACH	EACH	EACH
68	LT			50.0			37.5				2					75.0		4		2
	RT			50.0			37.5				2					75.0		4		2
70	LT			50.0			37.5				2					75.0		4		2
	RT			50.0			37.5				2					75.0		4		2
71	LT			50.0			37.5				2					75.0		4		2
	RT			50.0			37.5				2					75.0		4		2
TOTAL	·	150.0	4,487.5	1,212.5	50.0	225.0	525.0	87.5	400.0	50.0	83	2	4	4	4	10,767.5	50.0	211	4	83

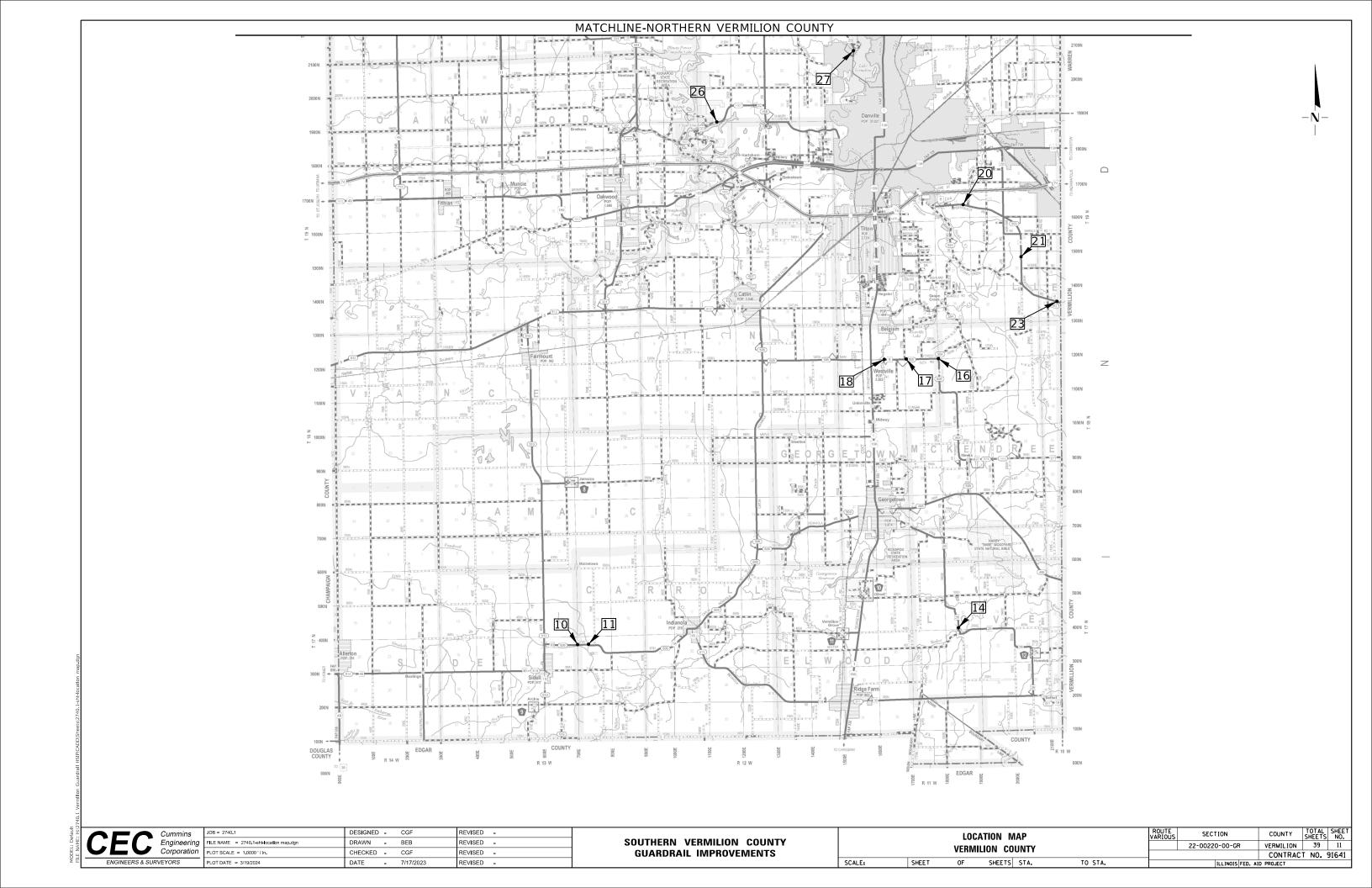
ROUNDED TOTAL 10,768 50

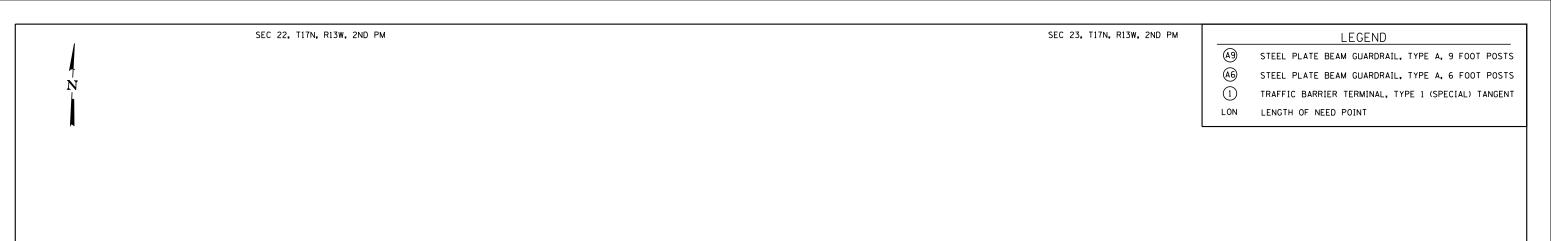
274									
E NAME: HIX	CEC	Cummins Engineering Corporation							
Ξ	ENGINEERS & SURVEYORS								

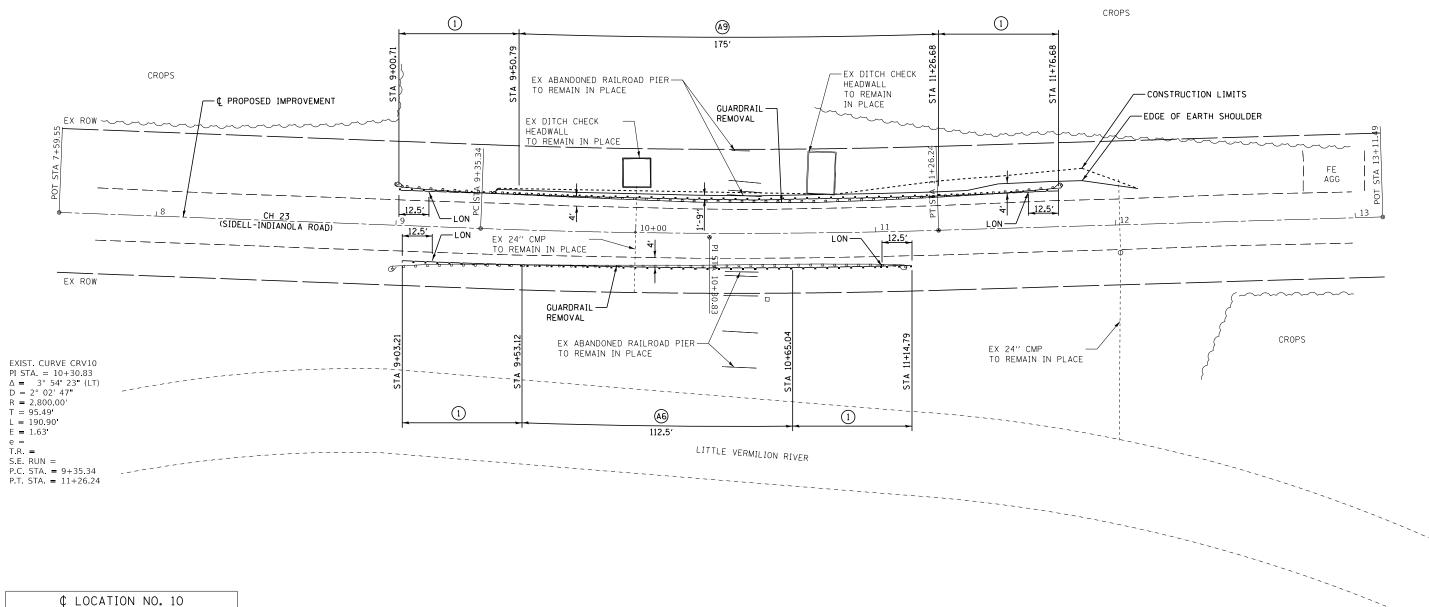
	JOB = 2740.1	DESIGNED	-	CGF	REVISED	-
7	FILE NAME = 2740.1-sht-schedules.dgn	DRAWN	-	CGF	REVISED	-
1	PLOT SCALE = 2.0000'/In.	CHECKED	-	THF	REVISED	-
-	PLOT DATE = 3/26/2024	DATE	_	03/19/2024	REVISED	-

					ROUTE VARIOUS	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	SCHEDULE	S OF QU	ANTHES			22-00220-00-GR	VERMILION	39	9	
							CONTRAC	T NO.	91641	
SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT					









ONTROL	STATION	COORDIN	NATES							
POINT	STATION	NORTHING	EASTING							
POT	7+59.55	1185434.0207	1132407.2219							
POT	9+35.34	1185435.9519	1132583.0049							
ΡI	10+30.83	1185437.0009	1132678.4860							
PT	11+26.24	1185444.5521	1132773.6737							
POT	13+11.49	1185459.2015	1132958.3373							
	POINT POT POT PI PT	ONTROL STATION POINT 7+59.55 POT 9+35.34 PI 10+30.83 PT 11+26.24	POINT STATION NORTHING POT 7+59.55 1185434.0207 POT 9+35.34 1185435.9519 PI 10+30.83 1185437.0009 PT 11+26.24 1185444.5521							

LOCATION NO. 10 MAJOR COLLECTOR ADT 450 (2019) DESIGN SPEED 40 MPH

	Cummins
CEC	Engineering Corporation
ENGINEERS & SUR	RVEYORS

JOB = 2740.1	DESIGNED	-	CGF	REVISED	=
FILE NAME = 2740.1-sht-plan10.dgn	DRAWN	-	CGF	REVISED	-
PLOT SCALE = 40.0000'/ln.	CHECKED	-	THF	REVISED	-
PLOT DATE = 3/20/2024	DATE	-	07/10/2023	REVISED	-

VERMILION COUNTY
GUARDRAIL IMPROVEMENTS

	DIANI LOGATIONING 40									COUNTY	TOTAL SHEETS	SHEET NO.
PLAN - LOCATION NO. 10						22-00220-00-GR VERMILIO		VERMILION	39	12		
										CONTRACT	NO. 91	641
	SHEET	OF	SHEETS	STA.	TO STA.			ILLINOIS	FED. A	D PROJECT		

(A9) S

STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS

1

TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

LON LENGTH OF NEED POINT

--- PERIMETER EROSION BARRIER

CROPS

CROPS A9 87.5' 1 (1) EDGE OF EARTH SHOULDER-CONSTRUCTION LIMITS-— GUARDRAIL ¢ PROPOSED IMPROVEMENT — REMOVAL -EDGE OF EARTH SHOULDER -CONSTRUCTION LIMITS EX ROW EX 7.0'x5.5' BOX CULVERT TO TO REMAIN IN PLACE CH 23 (SIDELL-INDIANOLA ROAD) EX ROW -GUARDRAIL REMOVAL CONSTRUCTION LIMITS --CONSTRUCTION LIMITS EDGE OF EARTH SHOULDER--EDGE OF EARTH SHOULDER 1 (A9) 1

CROPS

EXIST. CURVE CRV11 PI STA. = 10+76.42 $\Delta = 14^{\circ} 54^{\circ} 58^{\circ}$ (RT) D = 7° 09' 43" R = 800.00° T = 104.73°

L = 208.27E = 6.83

CROPS

SCALE:

NOTE: EROSION CONTROL BLANKET SHALL BE USED IN ALL QUADRANTS BEHIND TYPE 1 TERMINALS SINCE SLOPES ARE STEEPER THAN 1:2.5.

¢ LOCATION NO. 11								
CONTROL	STATION	COORDIN	NATES					
POINT	STATION	NORTHING	EASTING					
POT	7+89.72	1185488.1174	1133958.2170					
PC	9+71.69	1185492.6341	1134140.1325					
ΡΙ	10+76.42	1185495.2335	1134244.8260					
PT	11+79.96	1185470.7969	1134346.6608					
POT	12+12.49	1185463.2051	1134378.2981					

LOCATION NO. 11 MAJOR COLLECTOR ADT 450 (2019) DESIGN SPEED 40 MPH



JOB = 2740.1	DESIGNED	-	CGF	REVISED	-
FILE NAME = 2740.1-sht-plan11.dgn	DRAWN	-	CGF	REVISED	-
PLOT SCALE = 40.0000'/ln.	CHECKED	-	THF	REVISED	-
PLOT DATE = 3/20/2024	DATE	-	07/120/2023	REVISED	-

VERMILION COUNTY	
GUARDRAIL IMPROVEMENTS	

					VARIOUS ROUTES	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.		
	PLAN - LOCATION NO. 11						22-00220-00-GR		VERMILION	39	13	
								CONTRAC	Γ NO. 9	1641		
	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS	FFD. Al	D PROJECT			ĺ

—-z-

LEGEND

TRAFFIC BARRIER TERMINAL, TYPE 5A

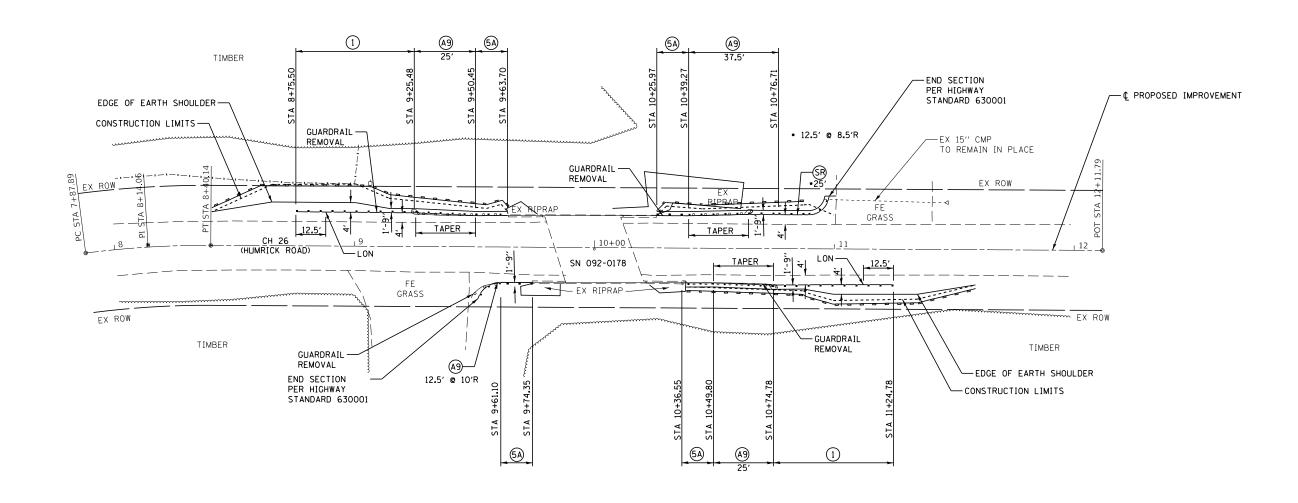
A9 STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS

1 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

SR STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)

LON LENGTH OF NEED POINT

---- PERIMETER EROSION BARRIER



EXIST. CURVE CRV14 PI STA. = 8+14.06 $\Delta = 7^{\circ} 41^{\circ} 29^{\circ}$ (RT) $D = 14^{\circ} 43^{\circ} 12^{\circ}$ $R = 389.24^{\circ}$ $T = 26.17^{\circ}$ $L = 52.25^{\circ}$ $E = 0.88^{\circ}$ E = -T.R. = -S.E. RUN = -P.C. STA. = 7+87.89P.T. STA. = 8+40.14

¢ LOCATION NO. 14									
CONTROL	STATION	COORDIN	NATES						
POINT	STATION	NORTHING	EASTING						
POT	7+87.89	1187865.2003	1192493.5477						
PI	8+14.06	1187891.0821	1192489.7049						
PT	8+40.14	1187917.2453	1192489.3607						
POT	12+11.79	1188288.8566	1192484.4712						

LOCATION NO. 14 LOCAL ROAD ADT 250 (2019) DESIGN SPEED 30 MPH



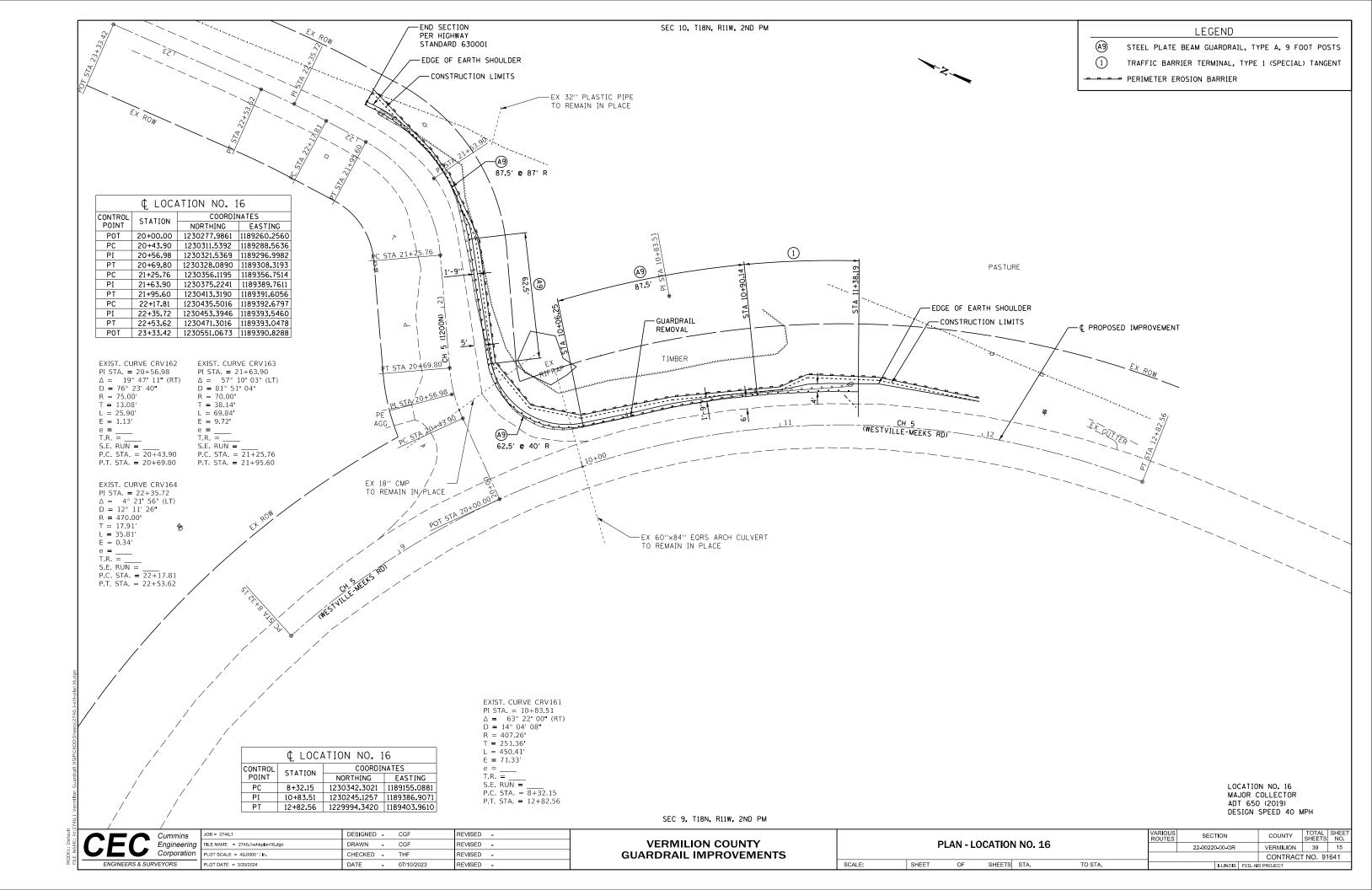
JOB = 2740.1	DESIGNED	-	CGF	REVISED	-
FILE NAME = 2740.1-sht-plan14.dgn	DRAWN	-	CGF	REVISED	-
PLOT SCALE = 40.0000'/In.	CHECKED	-	THF	REVISED	-
PLOT DATE = 3/20/2024	DATE	-	07/10/2023	REVISED	-

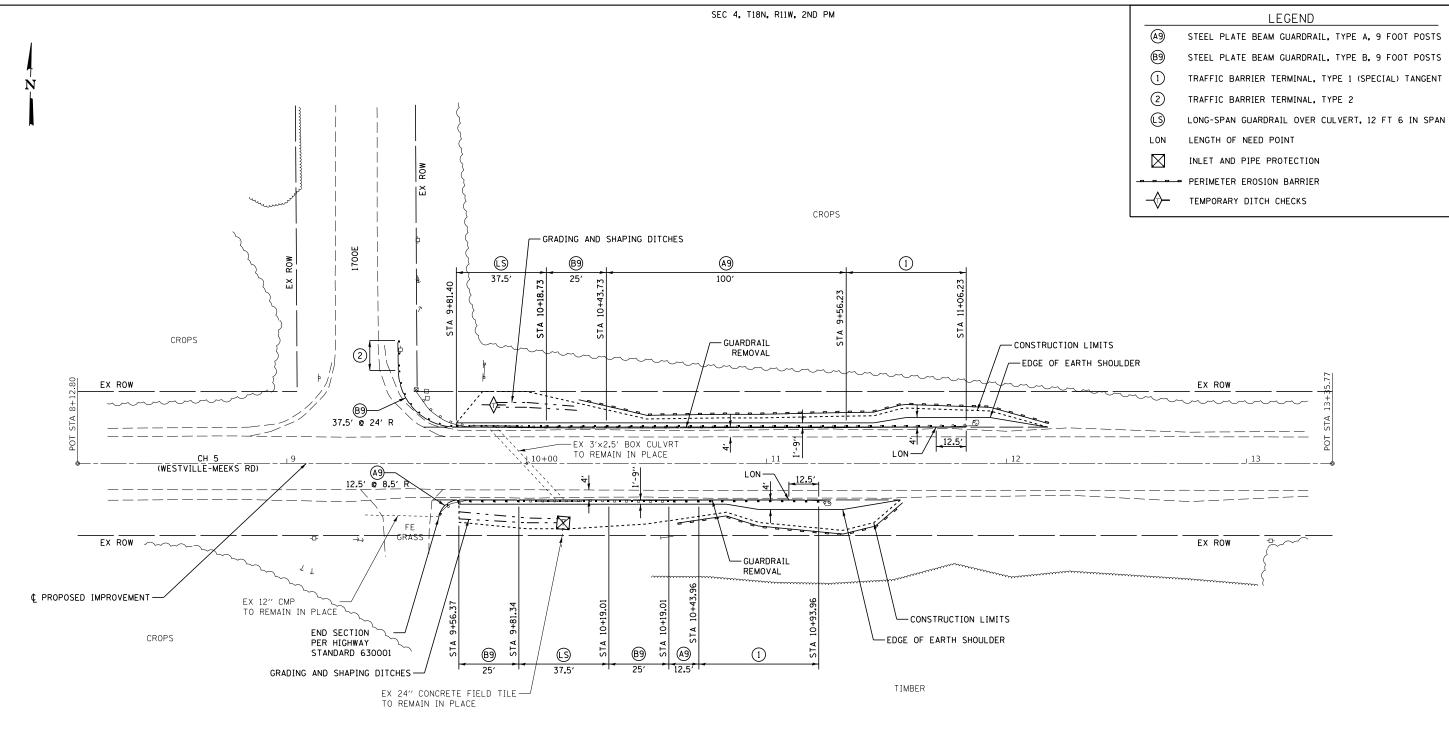
VERMILION COUNTY
GUARDRAIL IMPROVEMENTS

SCALE:

SHEET

DIAN LOCATION NO. 44			VARIOUS ROUTES	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.		
PLAN - LOCATION NO. 14					22-00220-00-GR		VERMILION	39	14	
								CONTRAC	ΓNO. 9 ²	1641
	OF	SHEETS	STA.	TO STA.		ILLINOIS	FED. A	D PROJECT		





NOTE:
ALL EXISTING BOLTS, POSTS, AND GUARDRAIL SHALL BE
CAREFULLY REMOVED SO AS TO NOT DAMAGE THE EXISTING
STRUCTURE. EXISTING BOLT HOLES LEFT EXPOSED FROM
REMOVAL OF GUARADRAIL HARDWARE SHALL BE FILLED WITH
EPOXY AS DIRECTED BY THE ENGINEER.

© LOCATION NO. 17							
CONTROL	STATION	COORDINATES					
POINT	STATION	NORTHING	EASTING				
POT	8+12.80	1230256.0126	1183920.0909				
POT	13+35.77	1230268.2036	1184442.9218				

LOCATION NO. 17 MAJOR COLLECTOR ADT 1000 (2019) DESIGN SPEED 40 MPH

SEC 9, T18N, R11W, 2ND PM

SCALE:

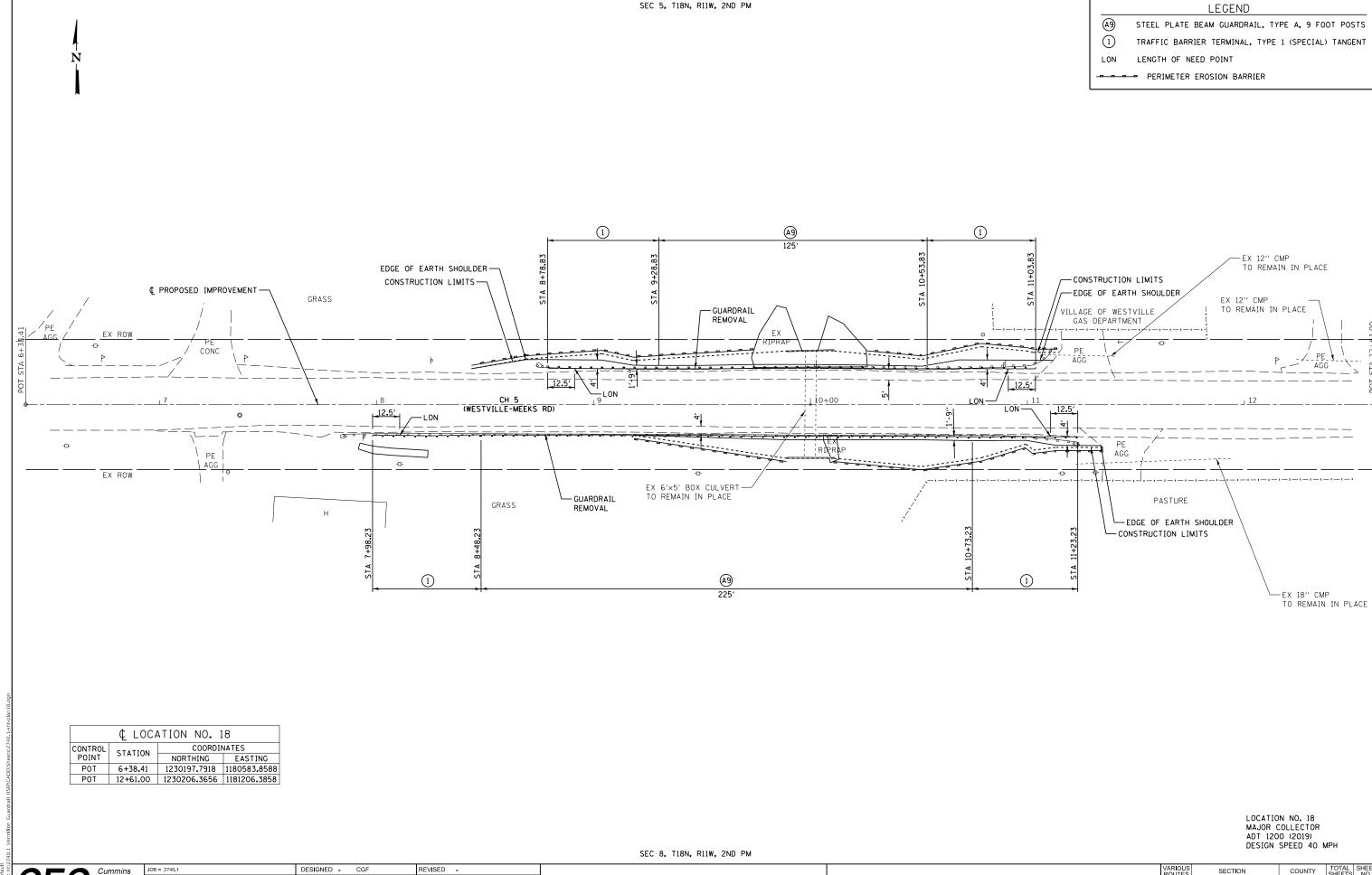
SHEET

CEC Cummins Engineering	FI
Corporation	Ρl
ENGINEERS & SURVEYORS	Ρl

JOB = 2740.1	DESIGNED	-	CGF	REVISED -
FILE NAME = 2740.1-sht-plan17.dgn	DRAWN	-	CDS	REVISED -
PLOT SCALE = 40.0000'/ln.	CHECKED	-	THF	REVISED -
PLOT DATE = 3/20/2024	DATE	-	02/05/2024	REVISED -

VERMILION COUNTY
GUARDRAIL IMPROVEMENTS

	0047101			VARIOUS ROUTES	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
PLAN - LOCATION NO. 17				22-00220-00-	3R	VERMILION	39	16	
						CONTRACT	NO. 9	1641	
OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AIC		AID PROJECT			



ENGINEERS & SURVEYORS

Engineering | FILE NAME = 2740.1-sht-plan18.dgn DRAWN - CGF EVISED -CHECKED - THF EVISED -- 07/10/2023 REVISED -

VERMILION COUNTY GUARDRAIL IMPROVEMENTS PLAN - LOCATION NO. 18 OF SHEETS STA.

SECTION 22-00220-00-GR CONTRACT NO. 91641

COUNTY TOTAL SHEET NO.

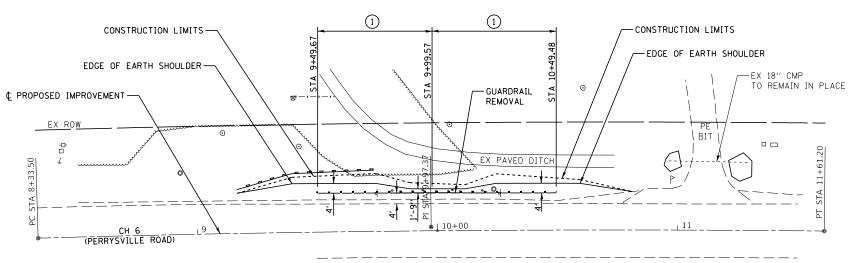
VERMILION 39 17

LEGEND

TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

PERIMETER EROSION BARRIER

TIMBER



SCALE:

EXIST. CURVE CRV10 PI STA. = 9+97.37 $\Delta = 2^{\circ} 13' 03'' (RT)$ $D = 0^{\circ} 40' 36'''$

R = 8,466.64' T = 163.87'

L = 327.70' E = 1.59' e = T.R. =

S.E. RUN = P.C. STA. = 8+33.50 P.T. STA. = 11+61.20

TIMBER

¢ LOCATION NO. 20 COORDINATES STATION NORTHING EASTING PC PI 8+33.50 1254488.0376 1193177.8009 9+97.37 1254458.0888 1193338.9105 PT 11+61.20 1254421.9283 1193498.7405

LOCATION NO. 20 MAJOR COLLECTOR ADT 1500 (2019) DESIGN SPEED 40 MPH

CEC Cummins
Engineering
Corporation ENGINEERS & SURVEYORS

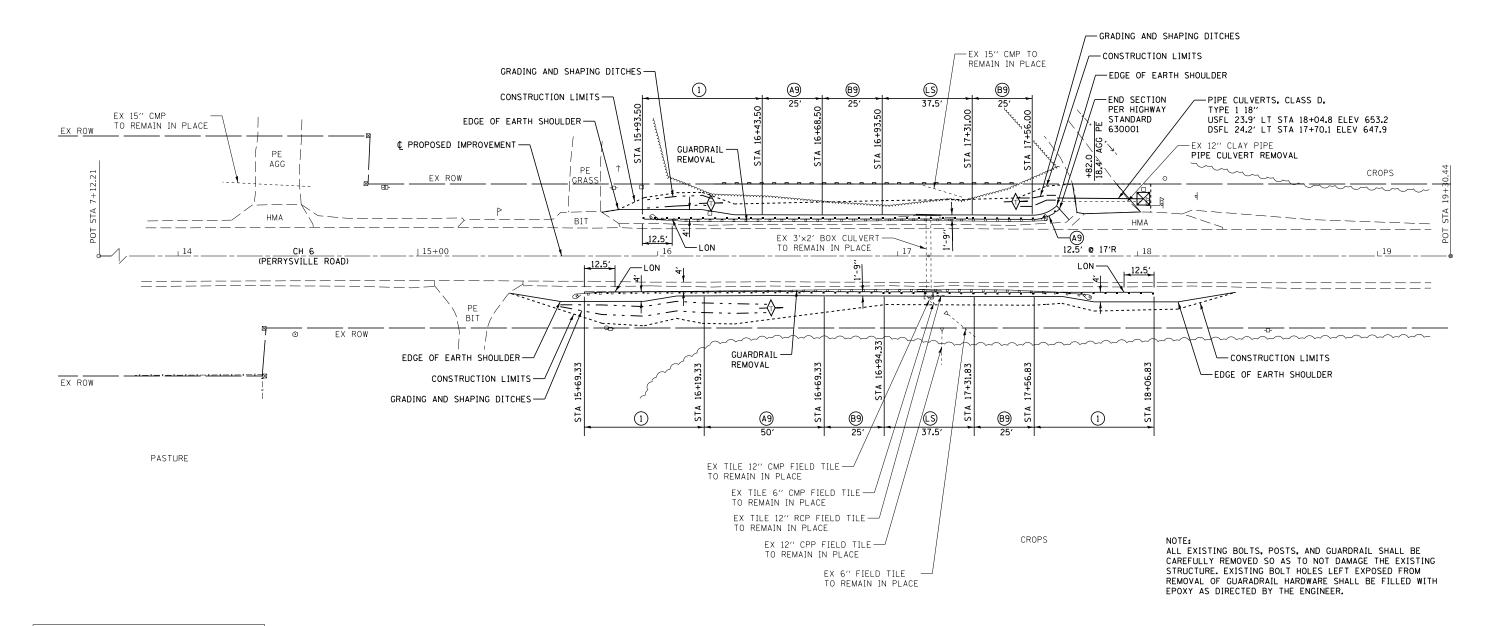
DESIGNED - CGF REVISED -JOB = 2740.1 Engineering | FILE NAME = 2740.1-sht-plan20.dgn REVISED -DRAWN - CGF PLOT SCALE = 40.0000'/In. CHECKED - THF EVISED -DATE - 07/10/2023 REVISED -

VERMILION COUNTY GUARDRAIL IMPROVEMENTS PLAN - LOCATION NO. 20 22-00220-00-GR OF SHEETS STA. TO STA.

COUNTY TOTAL SHEETS NO.

VERMILION 39 18 SECTION CONTRACT NO. 91641

TIMBER



¢ LOCATION NO. 21						
CONTROL	STATION	COORDINATES				
POINT	STATION	NORTHING	EASTING			
POT	7+12.21	1245019.4190	1202343.1450			
POT	19+30.44	1246237.4430	1202320.8773			

LOCATION NO. 21 MAJOR COLLECTOR ADT 1150 (2019) DESIGN SPEED 40 MPH

	Cummins	ŀ		
$(:\vdash(:$	Engineering	F		
OLO	Corporation	7		
ENGINEERS & SURVEYORS				

JOB = 2740.1	DESIGNED	-	CGF	REVISED	=
FILE NAME = 2740.1-sht-plan21-22.dgn	DRAWN	-	CGF	REVISED	-
PLOT SCALE = 40.0000'/ln.	CHECKED	-	THF	REVISED	-
PLOT DATE = 3/20/2024	DATE	-	07/11/2023	REVISED	-

VERMILION COUNTY
GUARDRAIL IMPROVEMENTS

SCALE:

SHEET

	DIAN LOCATION NO. 04				VARIOUS ROUTES	SEC.	TION		COUNTY	TOTAL SHEETS	SHEET NO.
PLAN - LOCATION NO. 21					22-00220	0-00-GR		VERMILION	39	19	
									CONTRAC	ΓNO. 9′	1641
	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. AID		D PROJECT			

PERIMETER EROSION BARRIER
TEMPORARY DITCH CHECKS
INLET AND PIPE PROTECTION

7.7

CROPS

LEGEND

S) LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN

1 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

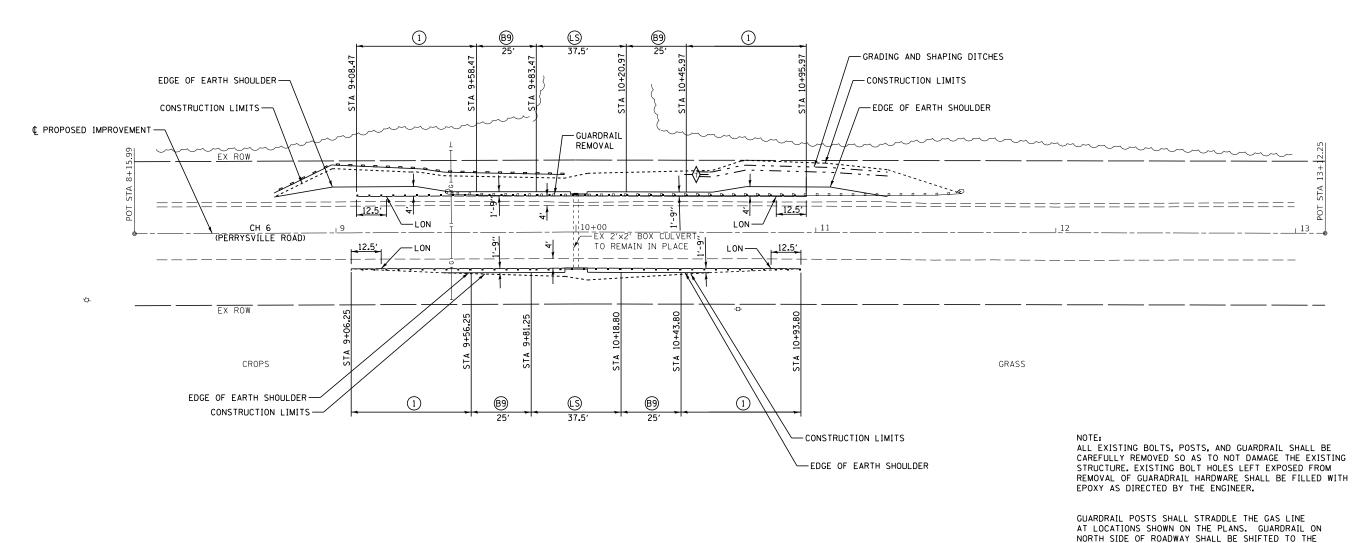
STEEL PLATE BEAM GUARDRAIL, TYPE B, 9 FT POSTS

LON LENGTH OF NEED POINT

PERIMETER EROSION BARRIER

TEMPORARY DITCH CHECKS

CROPS



¢ LOCATION NO. 23						
CONTROL	STATION	COORDINATES				
POINT	STATION	NORTHING	EASTING			
POT	8+15.99	1239283.6201	1207993.3226			
POT	13+12.25	1239117.1472	1208460.8280			

LOCATION NO. 23 MAJOR COLLECTOR ADT 900 (2019) DESIGN SPEED 40 MPH

	Cummins	l			
(:)-(:	Engineering	ſ			
OLO	Corporation	ſ			
ENGINEERS & SURVEYORS					

JOB = 2740.1	DESIGNED	•	CGF	REVISED	-
FILE NAME = 2740.1-sht-plan23.dgn	DRAWN	-	CGF	REVISED	-
PLOT SCALE = 40.0000'/ln.	CHECKED	-	THF	REVISED	-
PLOT DATE = 3/19/2024	DATE	-	07/11/2023	REVISED	-

VERMILION COUNTY
GUARDRAIL IMPROVEMENTS

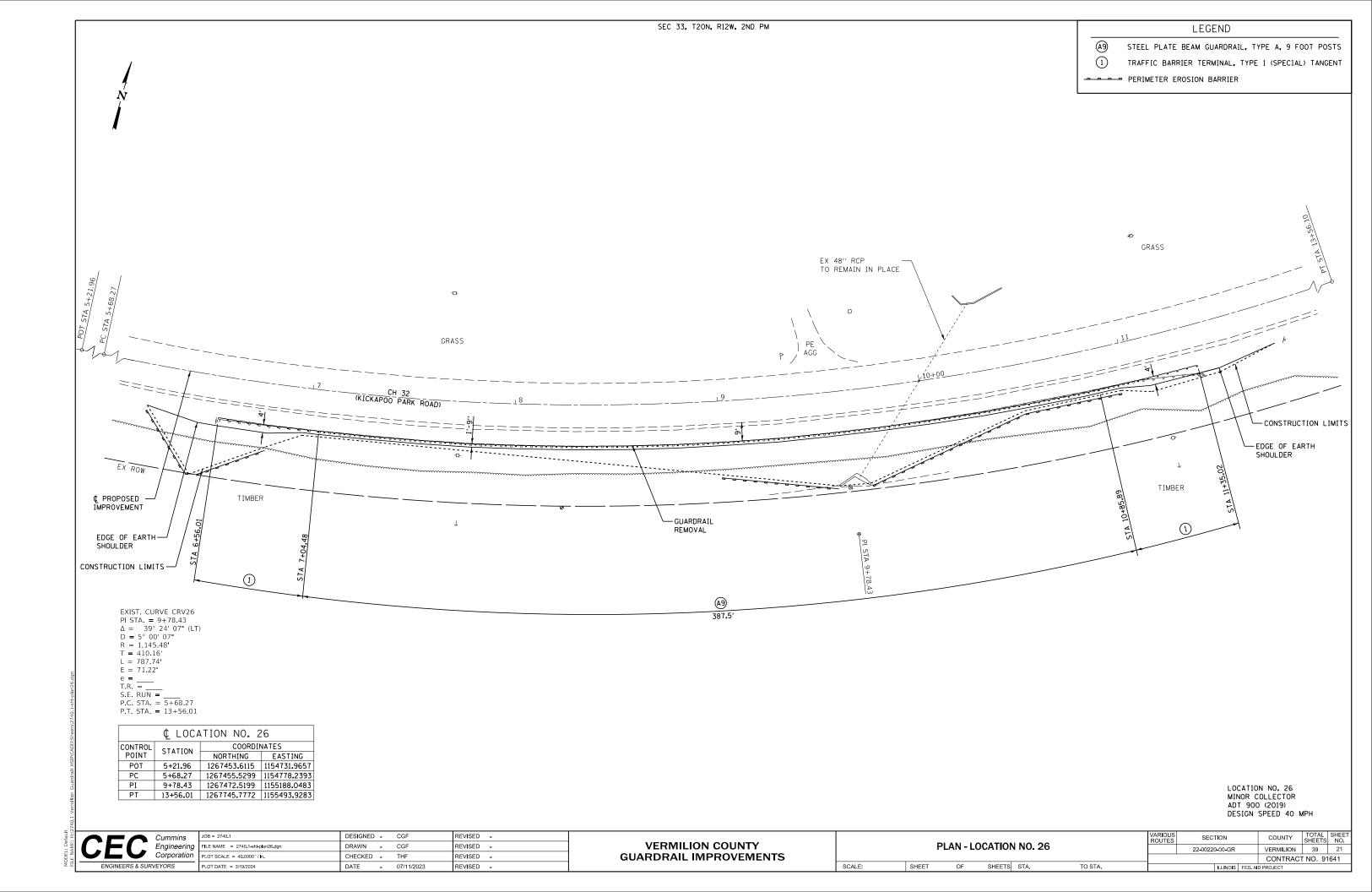
SCALE:

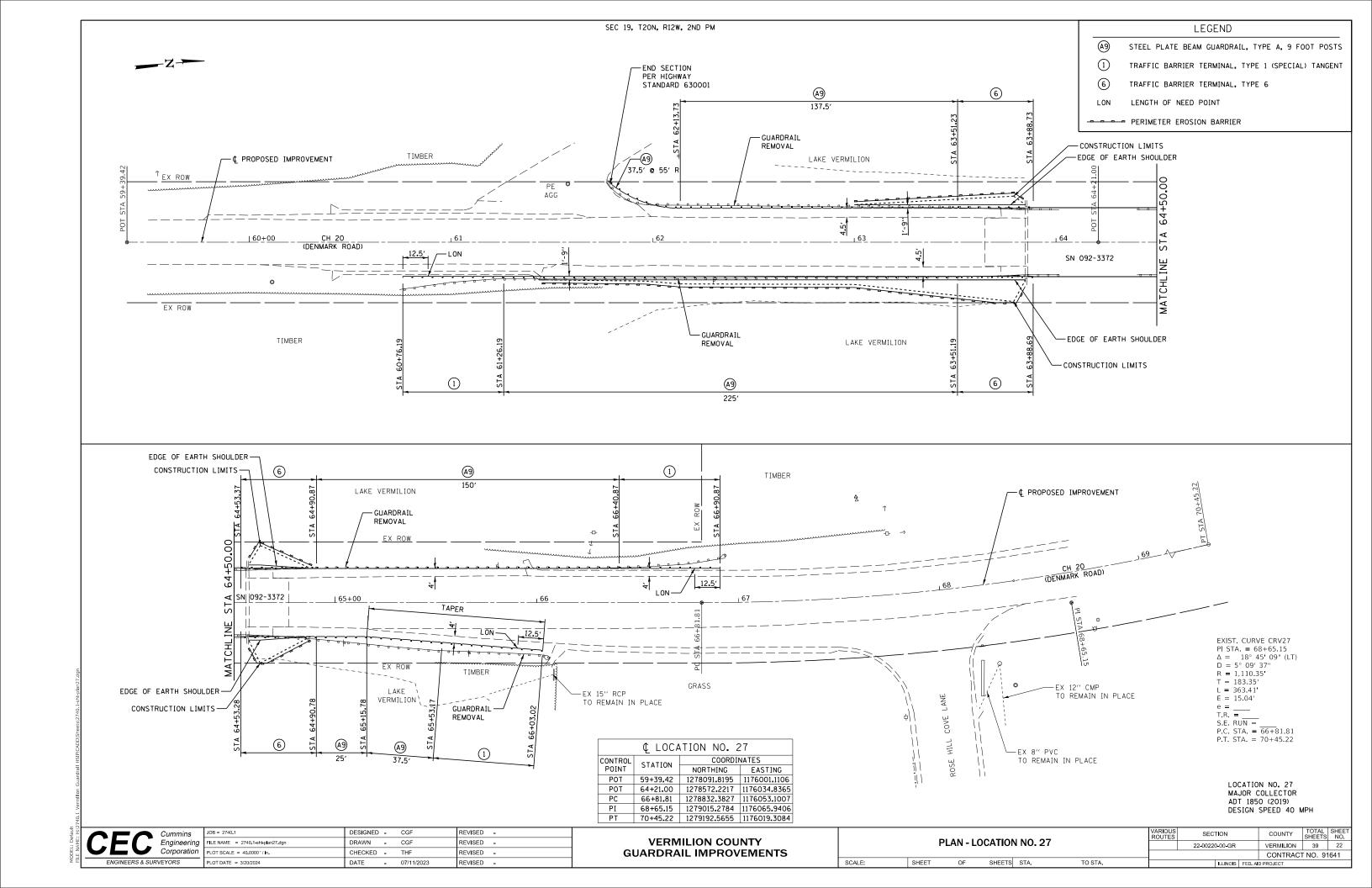
SHEET

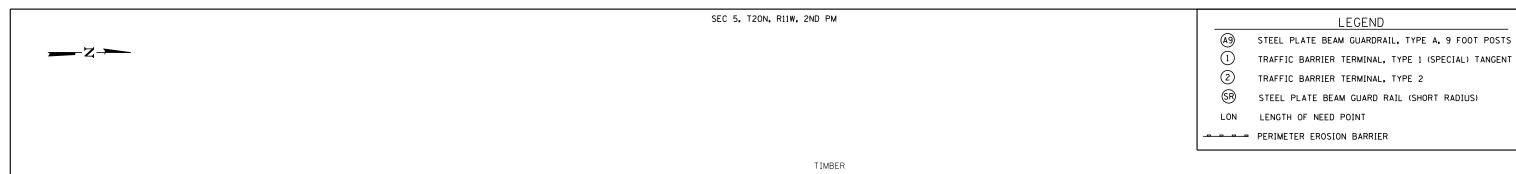
D. 41.				VARIOUS ROUTES	SECTION	COUNTY	TOTAL SHEETS	SH
PLAN - LOCATION NO. 23				22-00220-00-GR	VERMILION	39	2	
						CONTRAC	ΓNO. 91	641
OF	SHEETS	STA.	TO STA.		ILLINOIS FED. A	ID PROJECT		

EAST AS NECESSARY AS DIRECTED BY THE ENGINEER AND COORDINATED WITH THE UTILITY COMPANY. GUARDRAIL ON SOUTH SIDE OF ROADWAY SHALL BE SHIFTED TO THE WEST AS NECESSARY AS DIRECTED BY THE ENGINEER AND COORDINATED WITH THE

UTILITY COMPANY.

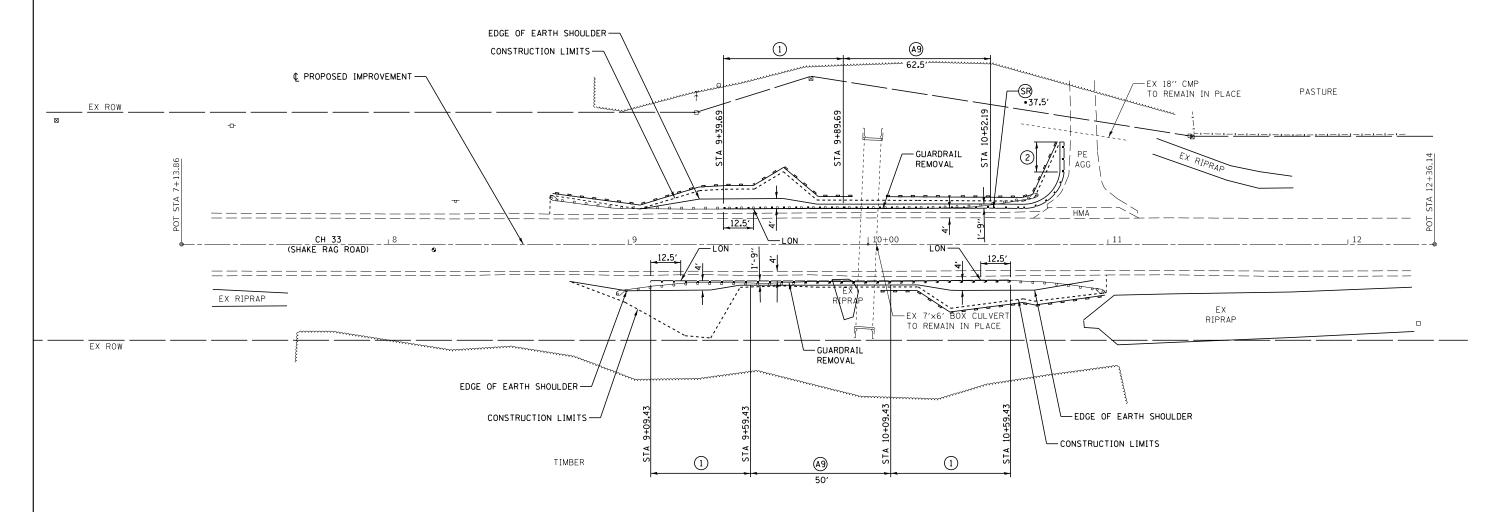






• 25' @ 17'R

SHEET



	¢ LOC∤	ATION NO. 3	31			
CONTROL	STATION	COORDINATES				
POINT	•	NORTHING	EASTING			
POT	POT 7+13 . 86	1294378.5962	1182754.9372			
POT	12+36.14	1294900.8736	1182754.1476			

LOCATION NO. 31 MAJOR COLLECTOR ADT 1750 (2019) DESIGN SPEED 40 MPH

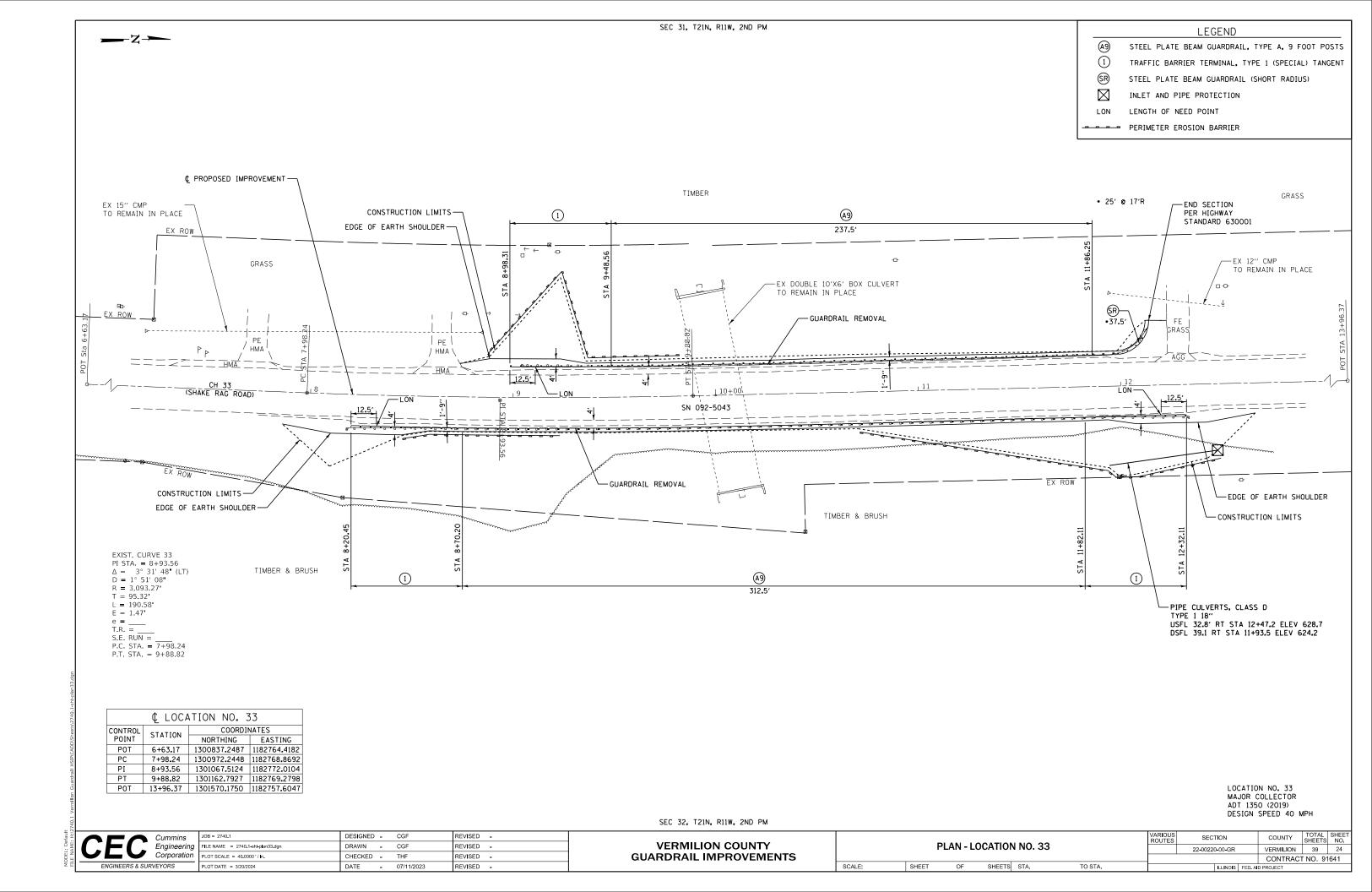
SEC 4, T20N, R11W, 2ND PM

	Cummins	7				
	Engineering	F				
	Corporation	P				
ENGINEERS & SURVEYORS						

JOB = 2/40.1	DESIGNED	-	CGF	REVISED	-
FILE NAME = 2740.1-sht-plan31.dgn	DRAWN	-	CGF	REVISED	-
PLOT SCALE = 40.0000'/ln.	CHECKED	-	THF	REVISED	-
PLOT DATE = 3/19/2024	DATE	-	07/11/2023	REVISED	-

VERMILION COUNTY
GUARDRAIL IMPROVEMENTS

PLAN - LOCATION NO. 31					VARIOUS ROUTES		COUNTY	TOTAL SHEETS	SHEE NO.
	PLAN - LO	JUATION	1 NO. 3	1		22-00220-00-GR	VERMILION	39	23
							CONTRAC	T NO. 9	1641
	OF.	CHEETC	CTA	TO CTA			 		



LEGEND

STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

1 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL)

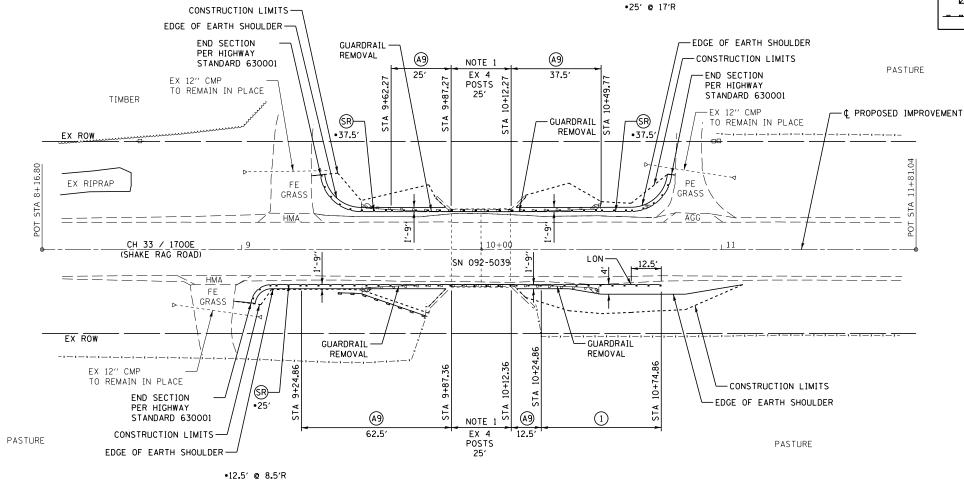
SR STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)

LON LENGTH OF NEED POINT

INLET AND PIPE PROTECTION

PERIMETER EROSION BARRIER

•25' @ 17'R



			SEC 32 T21N, R11W, 2ND PM	PROPOSED 12" BLOCKOUT AND STEEL PLATE BEAM
¢ LOC	ATION NO. 34			GUARDRAIL, RAIL ELEMENT, POST, AND ALL HARDWARE
CONTROL STATION	COORDINATES NORTHING EASTING			
POT 8+16.80	1301940.7555 1182746.6489			
POT 11+81.04	1302304.9006 1182738.4216			
		:		<u> </u>
		1 3/4 		54
		i ii		
				-
	// /	EX ANCHOR PLATE		
	\forall	(TO REMAIN IN PLACE)		

EXISTING ANCHOR PLATE
(TO REMAIN IN PLACE)

STEEL RAILING REMOVAL

STEEL PLATE BEAM GUARDRAIL,
TYPE A (SPECIAL)

SCALE:

SHEET

NOTE 1

EXISTING BRIDGE RAIL, GUARDRAIL ELEMENTS, BLOCKOUTS, AND ALL HARDWARE EXCEPT ANCHOR PLATES SHALL BE REMOVED. NEW 12" BLOCKOUTS AND STEEL PLATE BEAM GUARDRAIL, RAIL ELEMENTS SHALL BE INSTALLED ON THE NEW POSTS.

ALL EXISTING BOLTS, POSTS, AND GUARDRAIL SHALL BE CAREFULLY REMOVED SO AS TO NOT DAMAGE THE EXISTING STRUCTURE. EXISTING BOLT HOLES LEFT EXPOSED FROM REMOVAL OF GUARDRAIL HARDWARE SHALL BE FILLED WITH EPOXY AS DIRECTED BY THE ENGINEER.

CH 33 SHALL BE CLOSED TO TRAFFIC DURING CONSTRUCTION PER HIGHWAY STANDARD BLR 21. MAXIMUM CLOSURE TIME SHALL BE 3 CALENDAR DAYS.

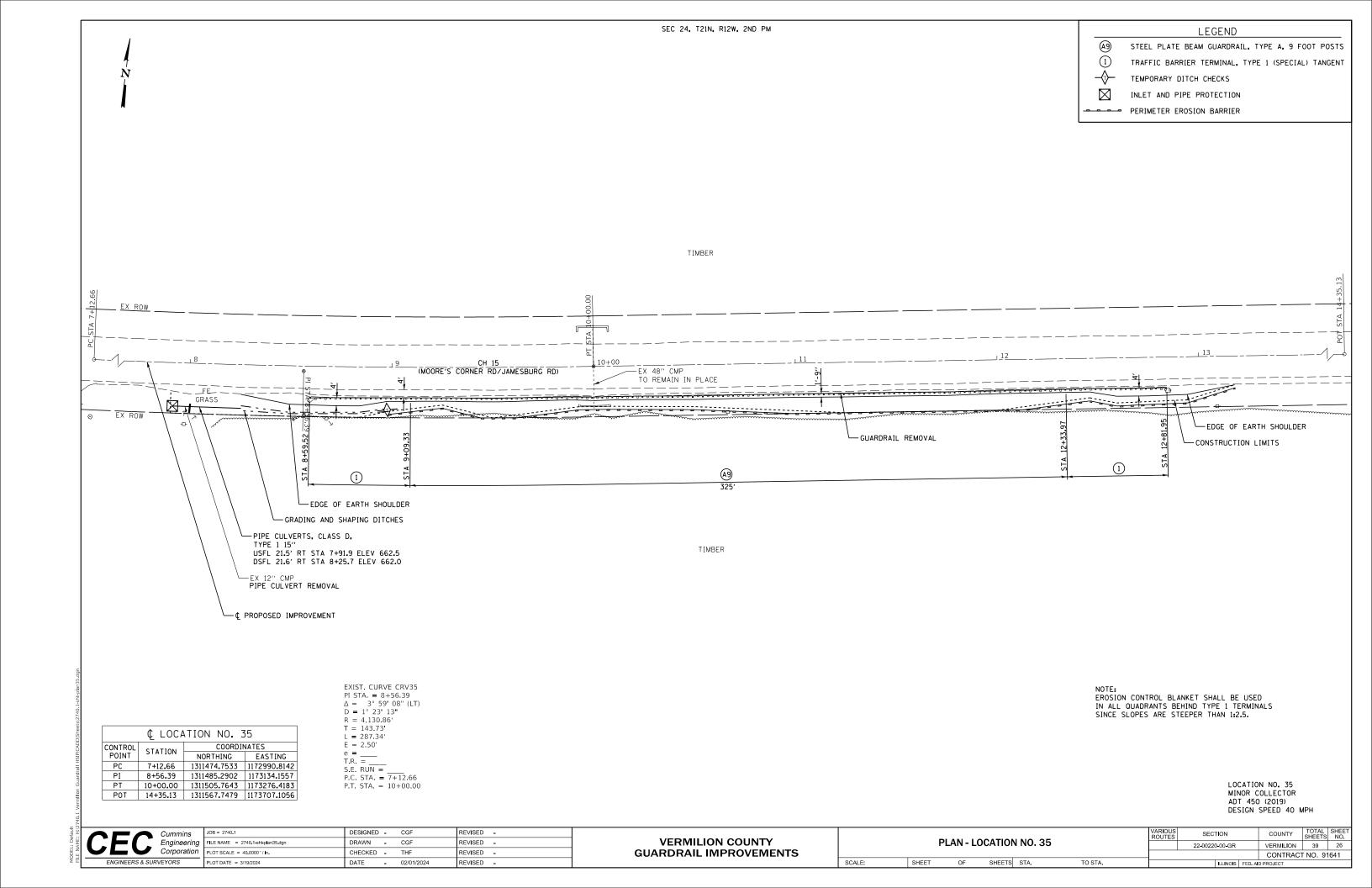
LOCATION NO. 34 MAJOR COLLECTOR ADT 1350 (2019) DESIGN SPEED 40 MPH

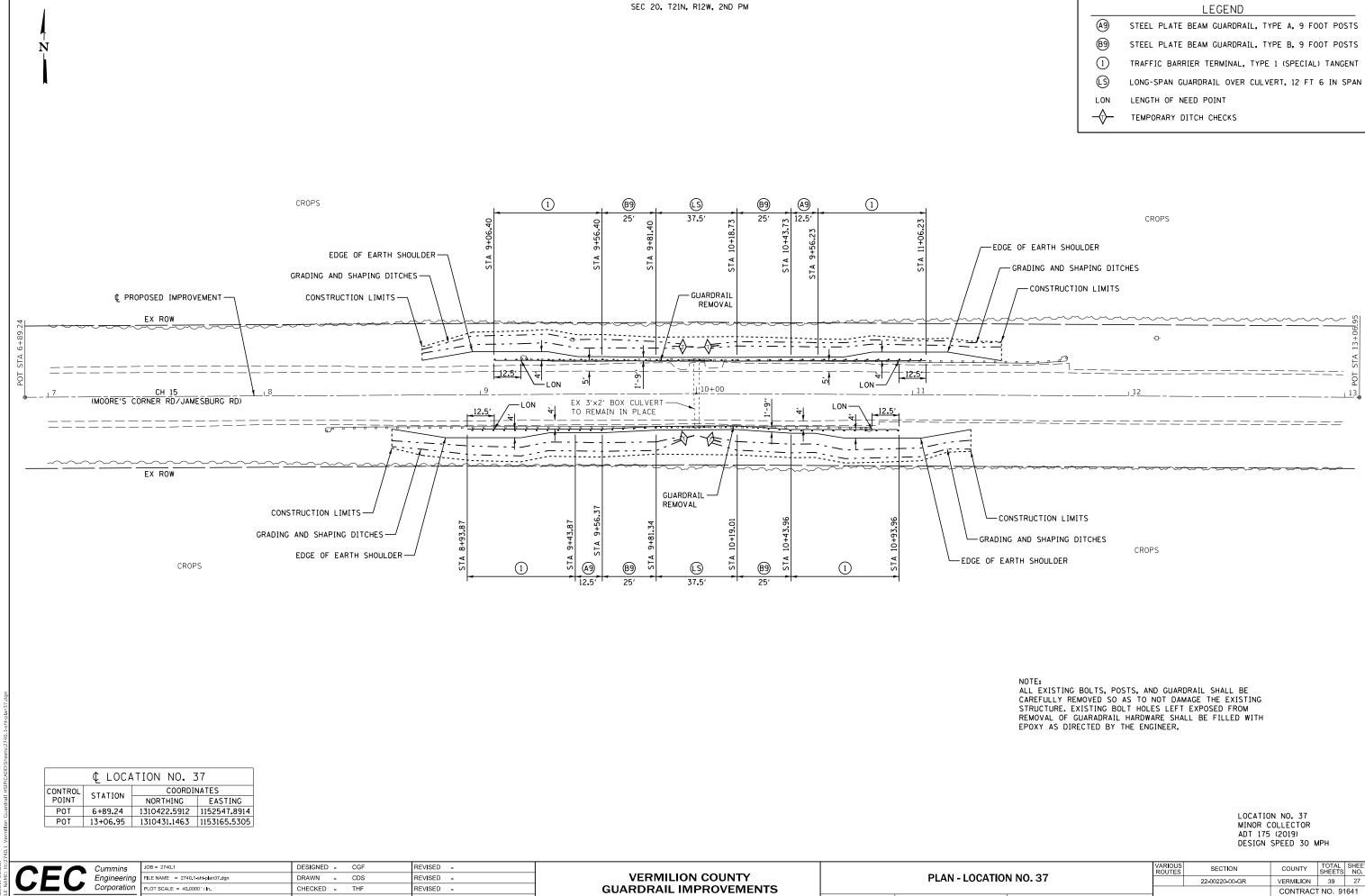


JOB = 2740.1	DESIGNED	-	CGF	REVISED	-
FILE NAME = 2740.1-sht-plan34.dgn	DRAWN	-	CDS	REVISED	-
PLOT SCALE = 40.0000'/ln.	CHECKED	-	THF	REVISED	-
PLOT DATE = 3/20/2024	DATE	-	3/5/2024	REVISED	-

VERMILION COUNTY
GUARDRAIL IMPROVEMENTS

DIAN LOCATION NO. 04						SE	CTION		COUNTY	TOTAL SHEETS	SHEET NO.
	PLAN - LOCATION NO. 34					22-00220-00-GR			VERMILION	39	25
									CONTRAC	T NO. 91	641
	OF	SHEETS	STA	TO STA			III INOIO	EED M	D DDO IECT		





OF SHEETS STA.

TO STA.

MODEL: Default

ENGINEERS & SURVEYORS

- 02/05/2024

REVISED -

LEGEND

STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS

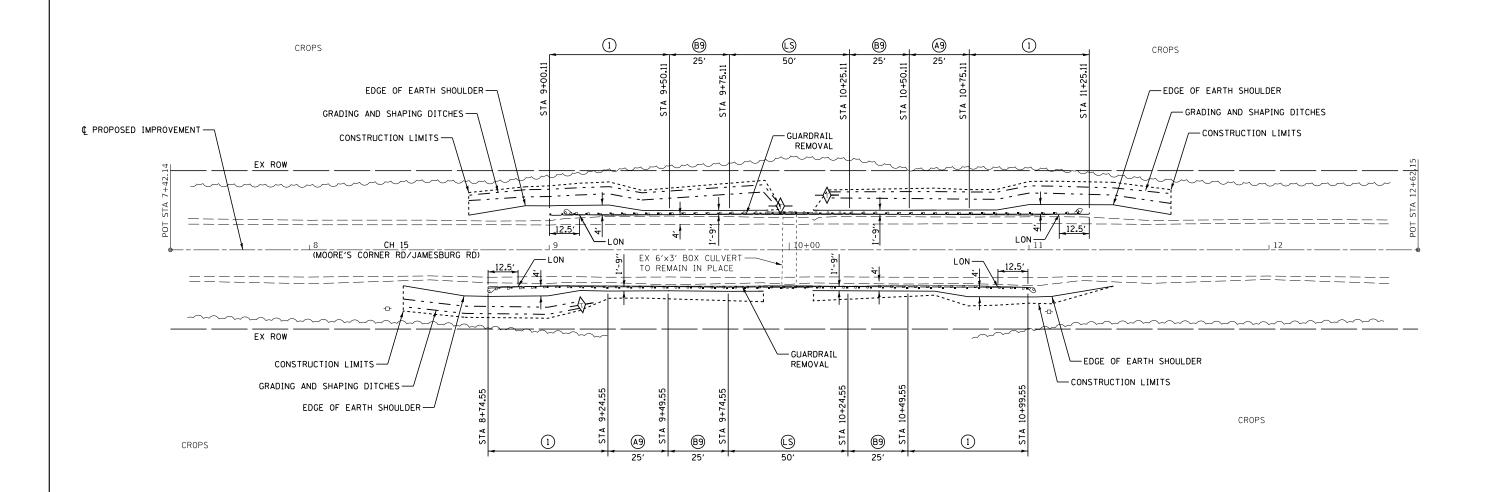
SIFFI PLATE BEAM GUARDRAIL TYPE B. 9 FOOT POS

(B9) STEEL PLATE BEAM GUARDRAIL, TYPE B, 9 FOOT POSTS

(1) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
(S) LONG-SPAN GUARDRAIL OVER CULVERT, 25 FT SPAN

LON LENGTH OF NEED POINT

TEMPORARY DITCH CHECKS



NOTE:
ALL EXISTING BOLTS, POSTS, AND GUARDRAIL SHALL BE
CAREFULLY REMOVED SO AS TO NOT DAMAGE THE EXISTING
STRUCTURE. EXISTING BOLT HOLES LEFT EXPOSED FROM
REMOVAL OF GUARADRAIL HARDWARE SHALL BE FILLED WITH
EPOXY AS DIRECTED BY THE ENGINEER.

	¢ LOCA	ATION NO. 3	38			
CONTROL POINT	STATION	COORDINATES				
	STATION	NORTHING	EASTING			
POT	7+42.14	1310347.2261	1149434.7850			
POT	12+62.15	1310358.8638	1149954.6678			
	POINT POT	CONTROL STATION POINT 7+42.14	POINT STATION NORTHING POT 7+42.14 1310347.2261			

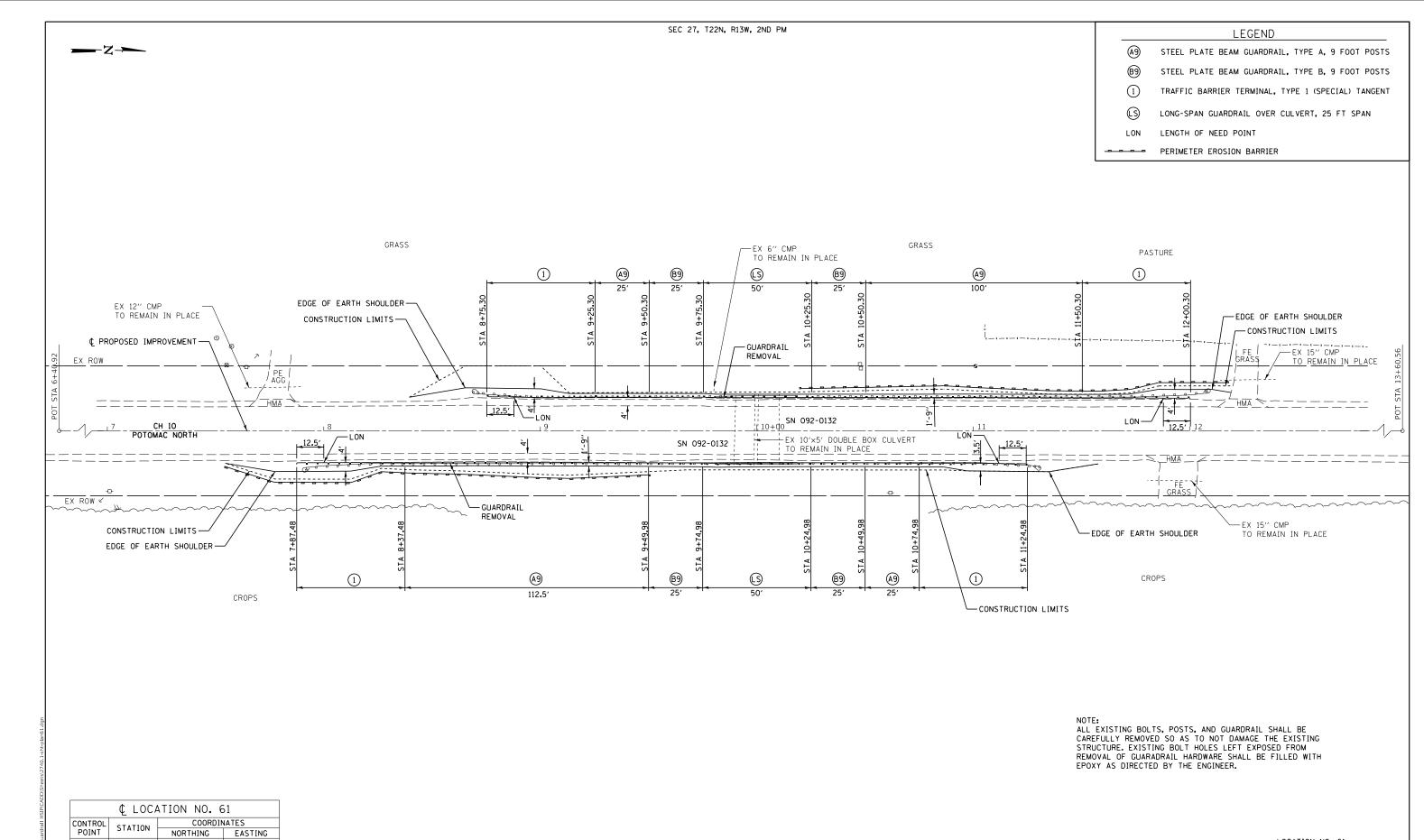
LOCATION NO. 38 MINOR COLLECTOR ADT 175 (2019) DESIGN SPEED 30 MPH

Cummins	JC					
Engineering	FI					
Corporation	Ρl					
ENGINEERS & SURVEYORS						

	JOB = 2740.1	DESIGNED	-	CGF	REVISED	-
	FILE NAME = 2740.1-sht-plan38.dgn	DRAWN	-	CDS	REVISED	-
	PLOT SCALE = 40.0000'/ln.	CHECKED	-	THF	REVISED	-
	PLOT DATE = 3/20/2024	DATE	-	02/05/2024	REVISED	-
_						

VERMILION COUNTY
GUARDRAIL IMPROVEMENTS

DI ANI LOCATIONINO 20						VARIOUS ROUTES			TOTAL SHEETS	SHEET NO.
PLAN - LOCATION NO. 38						22-00220-00-GR VERM			28	
							CONTRAC	Γ NO. 9	1641	
	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED, AID PROJECT				



LOCATION NO. 61 MAJOR COLLECTOR ADT 350 (2019) DESIGN SPEED 30 MPH

CEC Cummins Engineering Corporation

6+40.92 | 1336936.8209 | 1132505.6602

POT 13+60.56 1337656.1680 1132484.9592

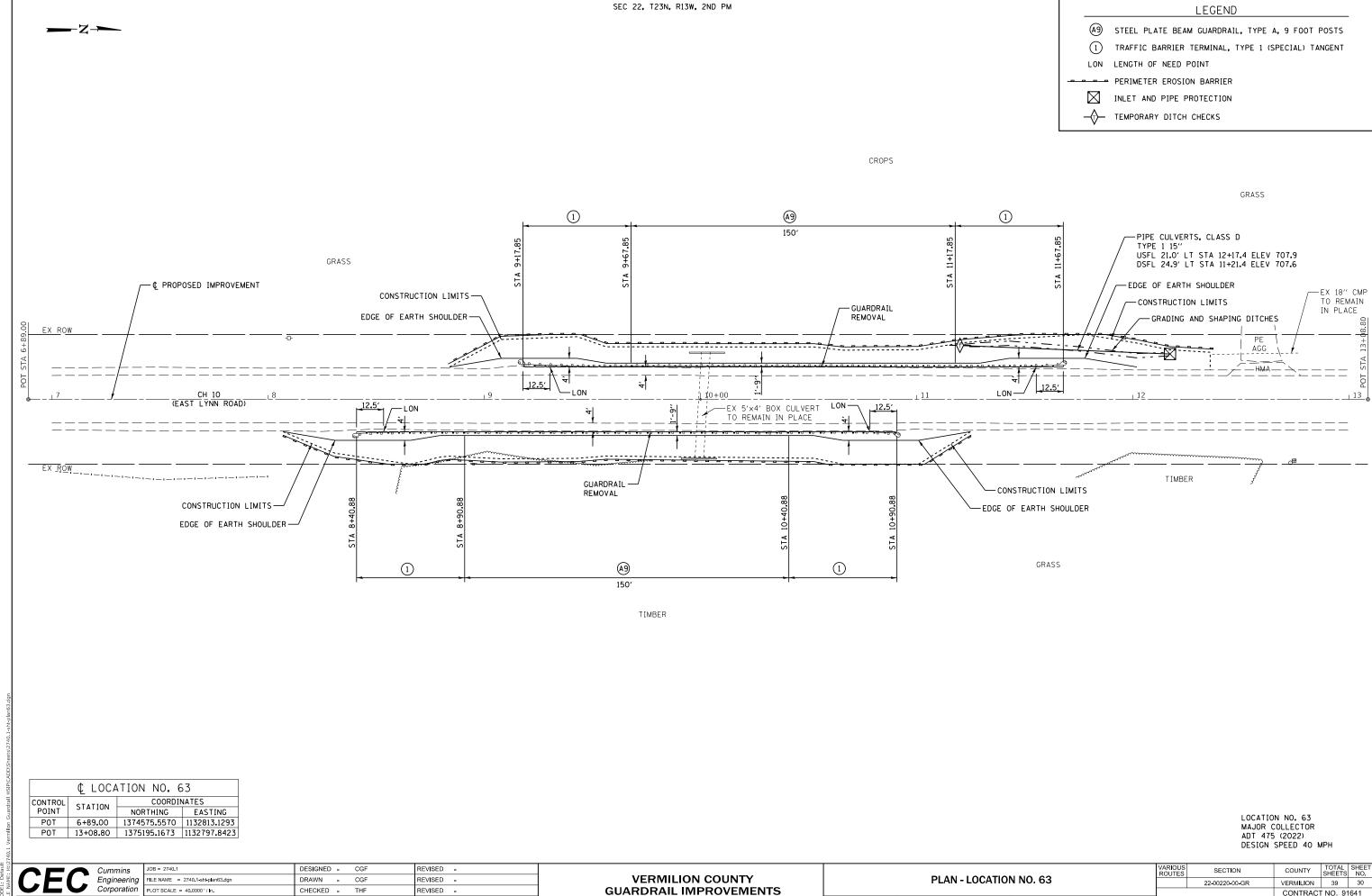
JOB = 2740.1	DESIGNED	-	CGF	REVISED -
FILE NAME = 2740.1-sht-plan61.dgn	DRAWN	-	CGF	REVISED -
PLOT SCALE = 40.0000'/ln.	CHECKED	-	THF	REVISED -
PLOT DATE = 3/20/2024	DATE	-	07/12/2023	REVISED -

VERMILION COUNTY
GUARDRAIL IMPROVEMENTS

SCALE:

SHEET

DIAN LOCATION NO. C4			VARIOUS ROUTES			COUNTY	TOTAL SHEETS	SHEET NO.		
PLAN - LOCATION NO. 61			22-0022	0-00-GR		VERMILION	39	29		
						CONTRAC	ΓNO. 9′	1641		
OF	SHEETS	STA.	TO STA.		ILLINOIS FED. AID			D PROJECT		



ENGINEERS & SURVEYORS

PLOT SCALE = 40.0000'/In.

PLOT DATE = 3/19/2024

CHECKED - THF

- 07/12/2023

EVISED -

REVISED -

VERMILION COUNTY GUARDRAIL IMPROVEMENTS PLAN - LOCATION NO. 63

TO STA.

22-00220-00-GR

SCALE: OF SHEETS STA. CONTRACT NO. 91641

LEGEND

(S) LONG-SPAN GUARDRAIL OVER CULVERT, 25 FT SPAN

(1) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

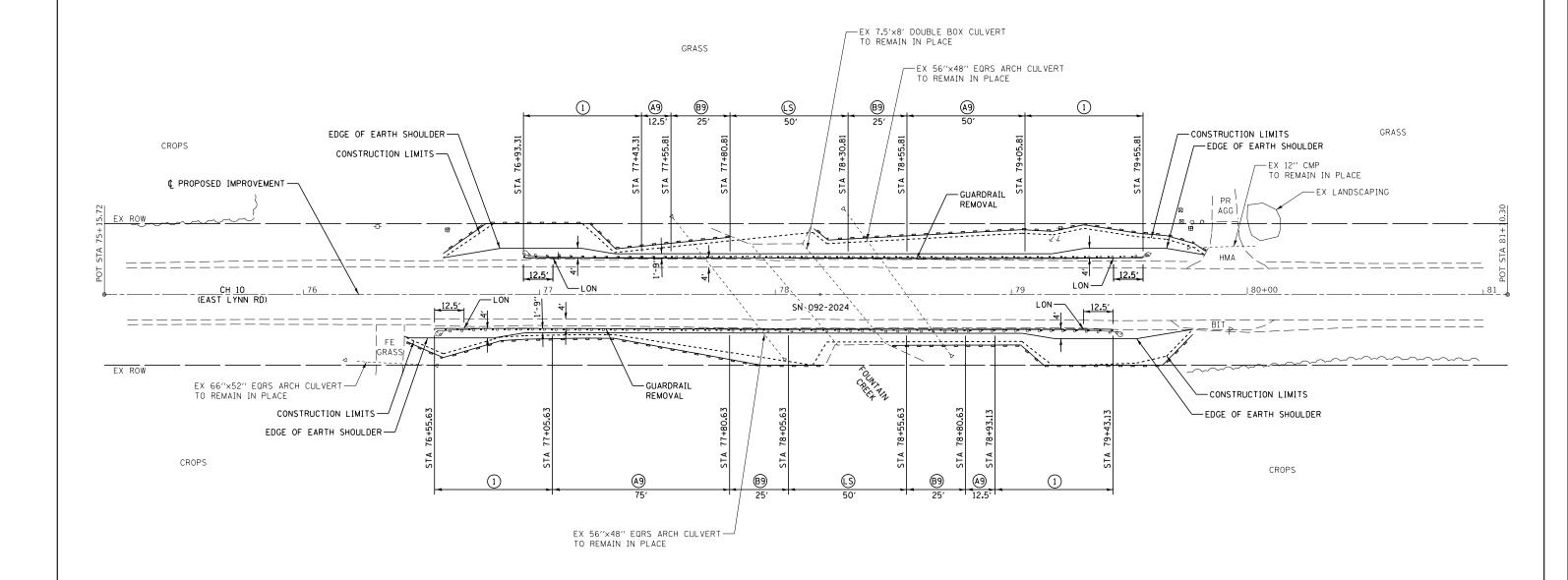
(A9) STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FT POSTS

(B9) STEEL PLATE BEAM GUARDRAIL, TYPE B, 9 FT POSTS

LENGTH OF NEED POINT

PERIMETER EROSION BARRIER

LON



¢ LOCATION NO. 64								
CONTROL	STATION	COORDINATES						
POINT	STATION	NORTHING	EASTING					
POT	75+15.72	1371539.3718	1132903.2854					
POT	81+10.30	1372133.6768	1132885.1108					

LOCATION NO. 64 MAJOR COLLECTOR ADT 475 (2022) DESIGN SPEED 40 MPH

SEC 23, T23N, R13W, 2ND PM

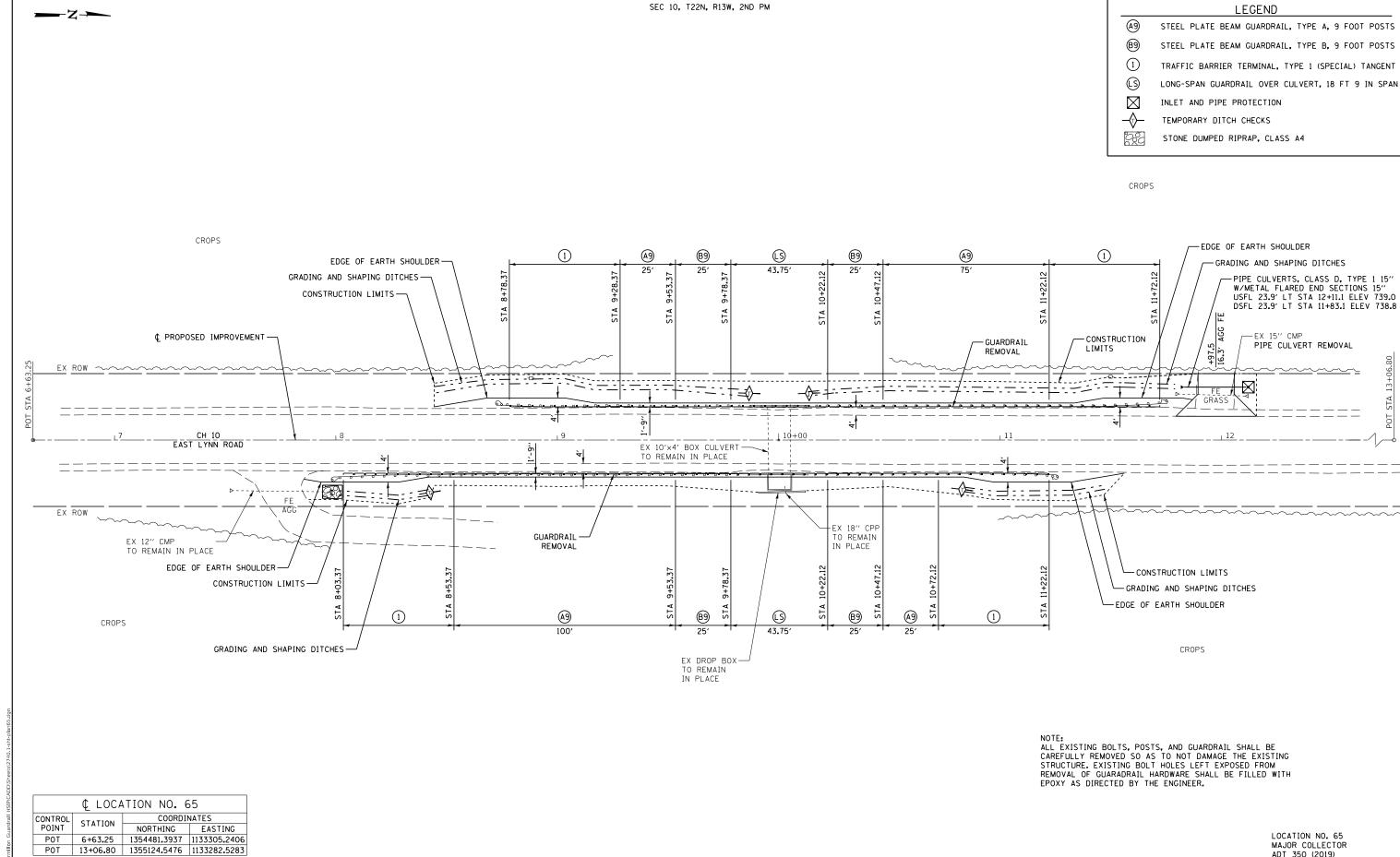
	Cummins	JO				
(:)=(:	Engineering	FIL				
OLO	Corporation	PL				
ENGINEERS & SURVEYORS						

—-z—

JOB = 2740.1	DESIGNED	-	CGF	REVISED	-
FILE NAME = 2740.1-sht-plan64.dgn	DRAWN	-	CGF	REVISED	-
PLOT SCALE = 40.0000'/ln.	CHECKED	-	THF	REVISED	-
PLOT DATE = 3/20/2024	DATE	-	07/12/2023	REVISED	-

VERMILION COUNTY
GUARDRAIL IMPROVEMENTS

	DIANI LOGATIONING CA						VARIOUS SECTION		COUNTY	TOTAL SHEETS	SHEET NO.	
PLAN - LOCATION NO. 64						22-00220-00-GR		VERMILION	39	31		
										CONTRACT	NO. 91	641
	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. A			D PROJECT			



Corporation ENGINEERS & SURVEYORS

POT

DESIGNED - CGF REVISED -Engineering | FILE NAME = 2740.1-sht-plan65.dgn DRAWN - CGF EVISED -PLOT SCALE = 40.0000 ' / In. CHECKED -THF EVISED -- 07/12/2023 REVISED -

VERMILION COUNTY GUARDRAIL IMPROVEMENTS

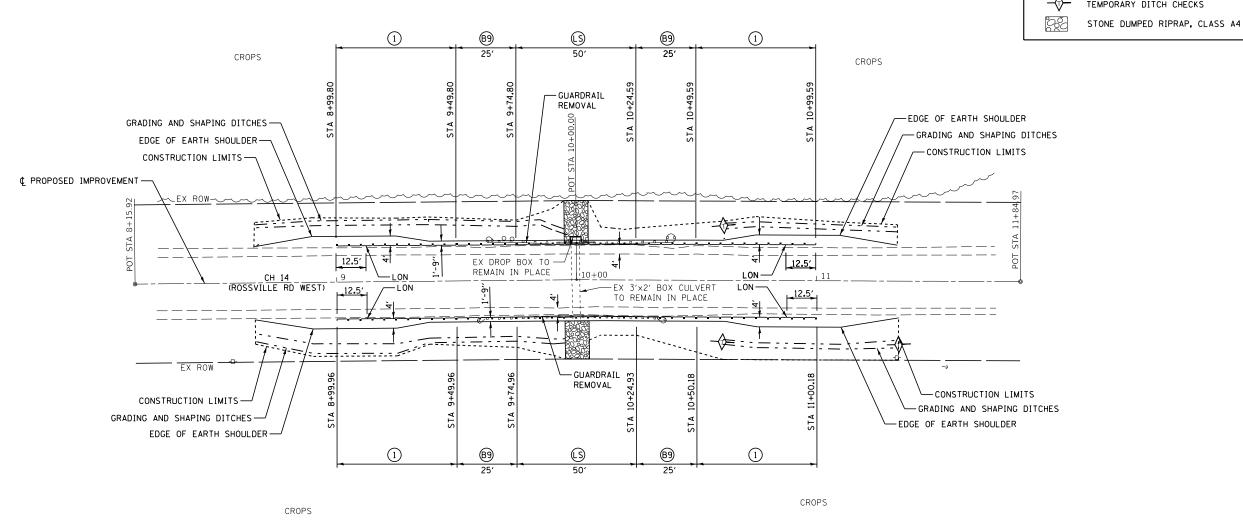
SCALE:

SEC 11, T22N, R13W, 2ND PM

SECTION COUNTY **PLAN - LOCATION NO. 65** 22-00220-00-GR VERMILION CONTRACT NO. 91641 OF SHEETS STA.

ADT 350 (2019) DESIGN SPEED 30 MPH

39 32



NOTE:
ALL EXISTING BOLTS, POSTS, AND GUARDRAIL SHALL BE
CAREFULLY REMOVED SO AS TO NOT DAMAGE THE EXISTING
STRUCTURE. EXISTING BOLT HOLES LEFT EXPOSED FROM
REMOVAL OF GUARADRAIL HARDWARE SHALL BE FILLED WITH
EPOXY AS DIRECTED BY THE ENGINEER.

HIGH POINT IN SE QUADRANT DITCH AND DRAINS BOTH DIRECTIONS.

HEAVY DUTY EROSION CONTROL BLANKET SHALL BE USED IN THE SE QUADRANT BEHIND TYPE 1 TERMINAL SINCE SLOPES ARE STEEPER THAN 1:2.5.

¢ LOCATION NO. 66								
CONTROL	STATION	COORDINATES						
POINT	STATION	NORTHING	EASTING					
POT	8+15.92	1352657.7298	1148660.8537					
POT	10+00.00	1352663.8735	1148844.8311					
POT	11+84.97	1352667.4243	1149029.7659					

LOCATION NO. 66 MAJOR COLLECTOR ADT 450 (2022) DESIGN SPEED 40 MPH

Cummins	Į.	JC
Engineering	g [FI
Corporation	7 [i	Ρl
ENGINEEDS & SUDVEYORS	— Г.	DI.

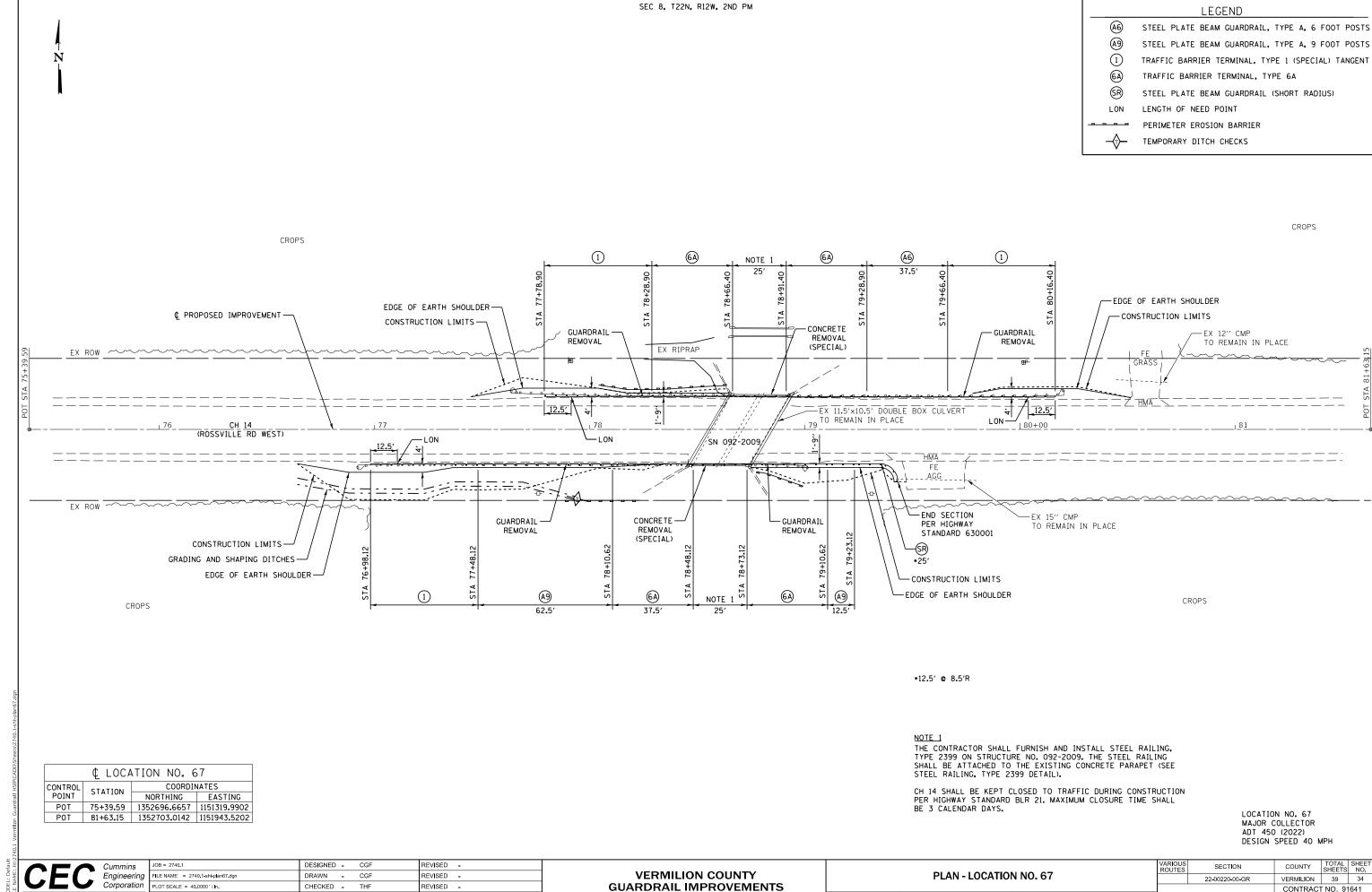
JOB = 2740.1	DESIGNED -	CGF	REVISED -	
FILE NAME = 2740.1-sht-plan66.dgn	DRAWN -	CGF	REVISED -	
PLOT SCALE = 40.0000'/in.	CHECKED -	THF	REVISED -	
PLOT DATE = 3/20/2024	DATE -	07/12/2023	REVISED -	

VERMILION COUNTY
GUARDRAIL IMPROVEMENTS

SCALE:

SHEET

PLAN - LOCATION NO. 66				VARIOUS ROUTES	SEC	T I ON		COUNTY	TOTAL SHEETS	SHEET NO.
					22-0022	0-00-GR		VERMILION	39	33
								CONTRACT	NO. 91	641
OF	SHEETS	STA	TO STA			III INOIC	EED A	DDO IFOT		



CONTRACT NO. 91641

OF SHEETS STA.

ENGINEERS & SURVEYORS

- 07/12/2023

REVISED -

LEGEND

LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN

1 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

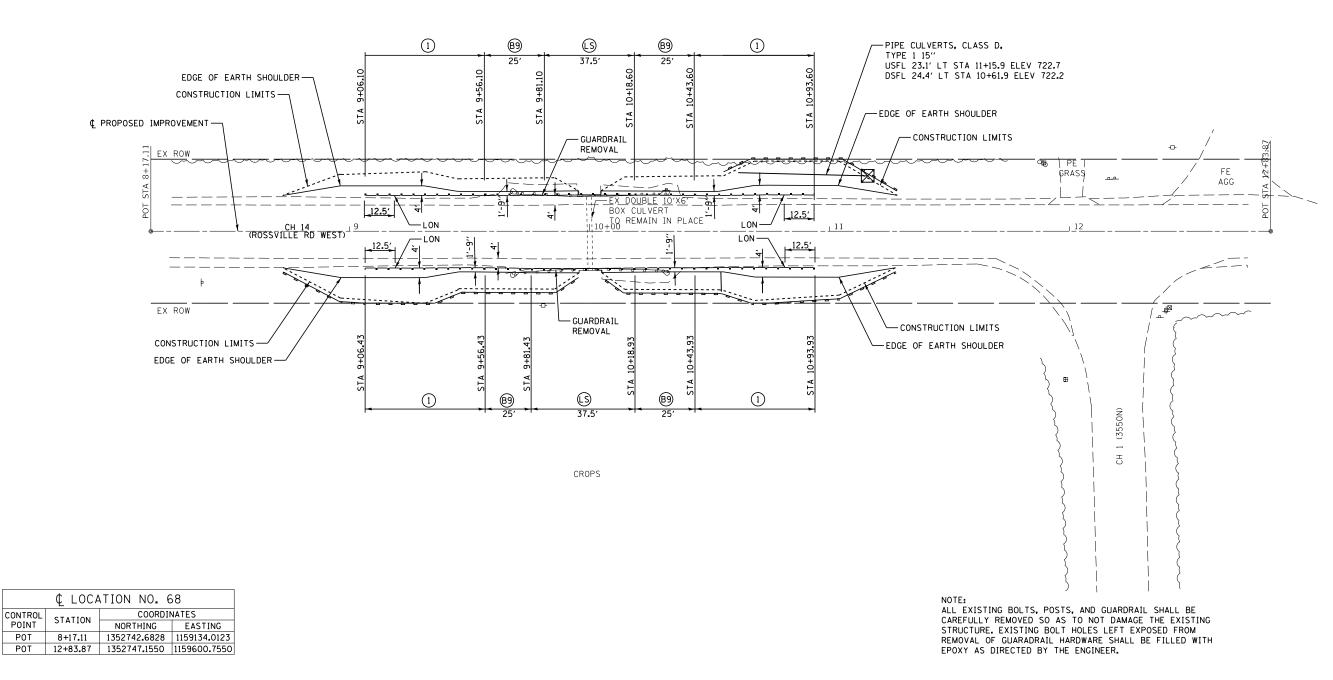
STEEL PLATE BEAM GUARDRAIL, TYPE B, 9 FT POSTS

INLET AND PIPE PROTECTION

LON LENGTH OF NEED POINT

PERIMETER EROSION BARRIER

CROPS



LOCATION NO. 68 MAJOR COLLECTOR ADT 450 (2022) DESIGN SPEED 40 MPH



JOB = 2740.1	DESIGNED	-	CGF	REVISED	-
FILE NAME = 2740.1-sht-plan68.dgn	DRAWN	-	CGF	REVISED	-
PLOT SCALE = 40.0000'/In.	CHECKED	-	THF	REVISED	-
PLOT DATE = 3/20/2024	DATE	-	07/11/2023	REVISED	-

VERMILION COUNTY
GUARDRAIL IMPROVEMENTS

						VARIOUS ROUTES	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLAN - LOCATION NO. 68						22-00220-00-GR	VERMILION	39	35
								CONTRAC	T NO. 9	1641
	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT			

LLOLINI

1) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

STEEL BLATE BEAM CHARDRATH TYPE B G FOOT POS

STEEL PLATE BEAM GUARDRAIL, TYPE B, 9 FOOT POSTS

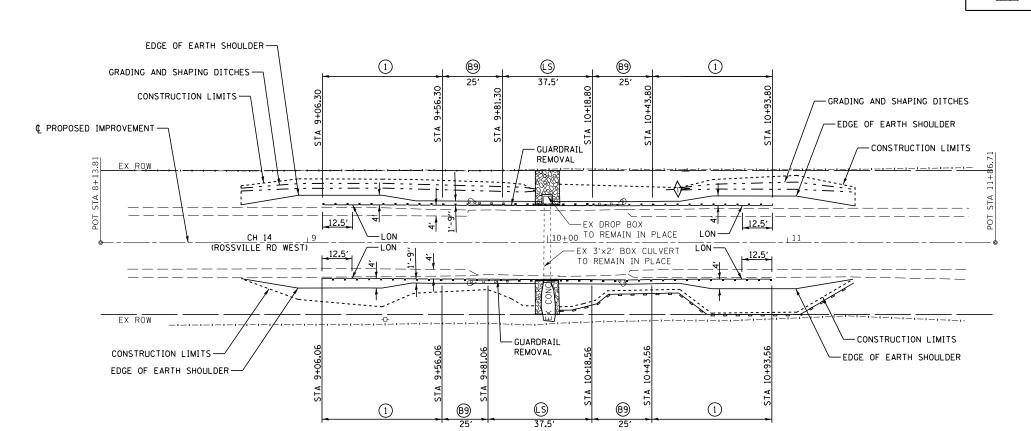
LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN

N LENGTH OF NEED POINT

PERIMETER EROSION BARRIER

TEMPORARY DITCH CHECKS

STONE DUMPED RIPRAP, CLASS A4



CROPS

CROPS

NOTE: EROSION CONTROL BLANKET SHALL BE USED IN ALL OUADRANTS BEHIND TYPE 1 TERMINALS SINCE SLOPES ARE STEEPER THAN 1:2.5.

ALL EXISTING BOLTS, POSTS, AND GUARDRAIL SHALL BE CAREFULLY REMOVED SO AS TO NOT DAMAGE THE EXISTING STRUCTURE. EXISTING BOLT HOLES LEFT EXPOSED FROM REMOVAL OF GUARADRAIL HARDWARE SHALL BE FILLED WITH EPOXY AS DIRECTED BY THE ENGINEER.

LOCATION NO. 70
MAJOR COLLECTOR
ADT 775 (2019)
DESIGN SPEED AD MPH

COUNTY

VERMILION 39 36

CONTRACT NO. 91641

	Cummins	JOI					
	Engineering	FIL					
Corporation							
ENGINEERS & SURVEYORS							

POINT

STATION

¢ LOCATION NO. 70

POT 8+13.81 1352768.3252 1160992.1694 POT 11+86.71 1352773.8885 1161365.0283

COORDINATES

NORTHING EASTING

JOB = 2740.1	DESIGNED	-	CGF	REVISED -
FILE NAME = 2740.1-sht-plan70.dgn	DRAWN	-	CGF	REVISED -
PLOT SCALE = 40.0000'/in.	CHECKED	-	THF	REVISED -
PLOT DATE = 3/20/2024	DATE	_	07/12/2023	REVISED -

VERMILION COUNTY
GUARDRAIL IMPROVEMENTS

		D. 411	VARIOUS ROUTES	SECT	TION				
PLAN - LOCATION NO. 70							22-00220	-00-GR	
	SHEET	OF	SHEETS	STA.	TO STA.			ILLINOIS	FED.

CROPS

LEGEND

LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN

TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

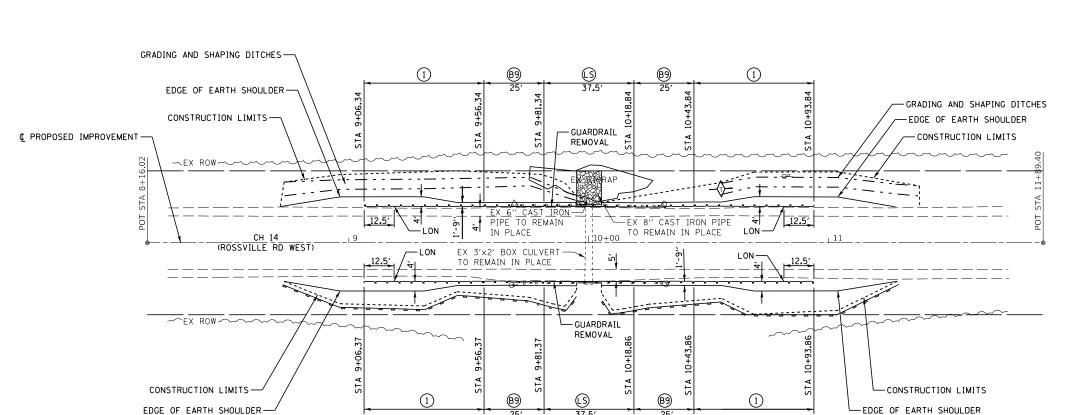
) STEEL PLATE BEAM GUARDRAIL, TYPE B, 9 FT POSTS

ON LENGTH OF NEED POINT

PERIMETER EROSION BARRIER

TEMPORARY DITCH CHECKS

STONE DUMPED RIPRAP, CLASS A4



CROPS CROPS

NOIE:
ALL EXISTING BOLTS, POSTS, AND GUARDRAIL SHALL BE
CAREFULLY REMOVED SO AS TO NOT DAMAGE THE EXISTING
STRUCTURE. EXISTING BOLT HOLES LEFT EXPOSED FROM
REMOVAL OF GUARADRAIL HARDWARE SHALL BE FILLED WITH
EPOXY AS DIRECTED BY THE ENGINEER.

CARE IS TO BE TAKEN AROUND EXISTING PIPES WHEN GRADING AND PLACING RIPRAP.

¢ LOCATION NO. 71								
CONTROL	STATION	COORDINATES						
POINT	NT STATION	NORTHING	EASTING					
POT	8+16.02	1352795.5453	1162580.4916					
POT	11+89.40	1352802.6111	1162953.8005					

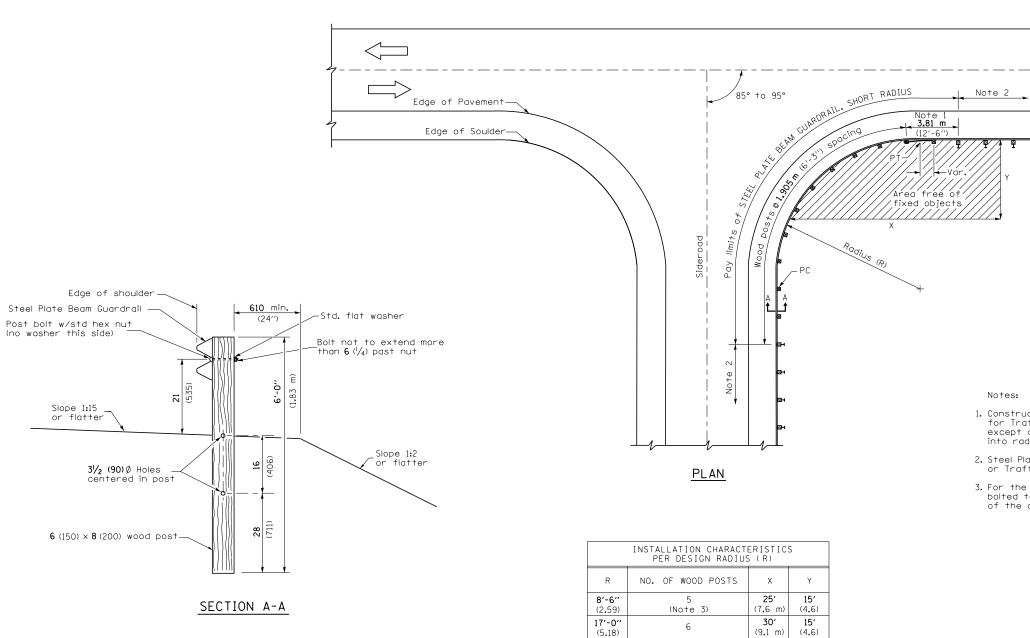
LOCATION NO. 71 MAJOR COLLECTOR ADT 775 (2019) DESIGN SPEED 40 MPH

Cummins	JC			
Engineering	FI			
Corporation	Pl			
ENGINEERS & SURVEYORS				

JOB = 2740.1	DESIGNED -	CGF	REVISED -
FILE NAME = 2740.1-sht-plan71.dgn	DRAWN -	CGF	REVISED -
PLOT SCALE = 40.0000'/ln.	CHECKED -	THF	REVISED -
PLOT DATE = 3/20/2024	DATE -	07/12/2023	REVISED -

VERMILION COUNTY
GUARDRAIL IMPROVEMENTS

						VARIOUS ROUTES	SECT	ION		COUNTY	TOTAL SHEETS	SHEET NO.
							22-00220	-00-GR		VERMILION	39	37
										CONTRAC	T NO. 9	1641
	SHEET	OF	SHEETS	STA.	TO STA.			ILLINOIS	FED. All	D PROJECT		



- Construct according to Standard 631011 for Traffic Barrier Terminal Type 2, except delete end section and splice into radius guardrail.
- 2. Steel Plate Beam Guardrail Type A, Type B, or Traffic Barrier Terminal as specified.
- 3. For the 8'-6'' (2.59 m) radius, the rail is not bolted to the post located at the midpoint of the curve.

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

All dimensions are in inches (millimeters) unless otherwise shown.

27			
E NAME: HIV	CEC	Cummins Engineering Corporation	
Ξ	Civil and Structural F	naineerina	Γ

JOB = 2740.1	DESIGNED	-	CGF	REVISED	-
FILE NAME = 2740.1-guardrall_short_radlus.dgn	DRAWN	-	SJS	REVISED	-
PLOT SCALE = 40:0.000 "" / In.	CHECKED	-	THF	REVISED	-
PLOT DATE = 3/19/2024	DATE	-	3/19/2024	REVISED	-

VERMILI	ON COUNTY
GUARDRAIL	IMPROVEMENTS

8

11

25′-6′′

35'-0'' (10**.**67)

(7.77)

20′ (6.1)

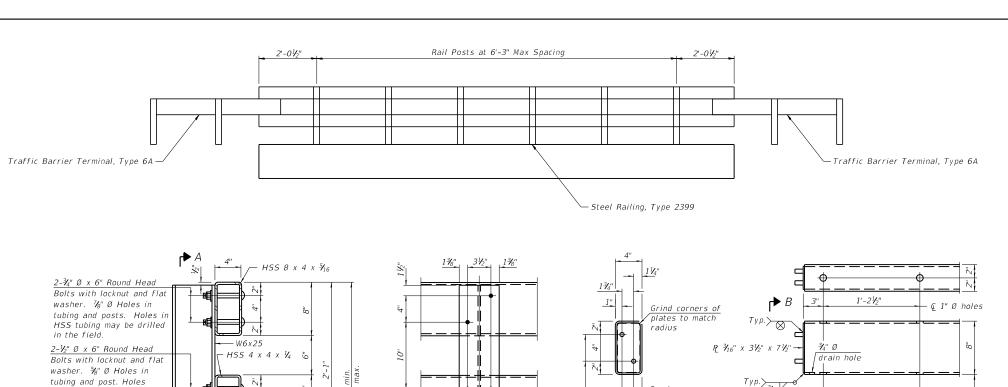
20' (6.1)

SCALE:

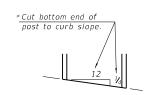
40'

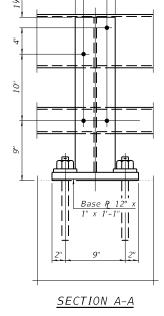
12.2 m) **50′** (15.2 m)

						ROUTE VARIOUS	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
(SHORT RADIUS)						22-00220-00-GR	VERMILION	39	38	
	(SIIONI NADIOS)							CONTRACT	NO.	91641
	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. AI	D PROJECT		



SECTION AT RAIL POST

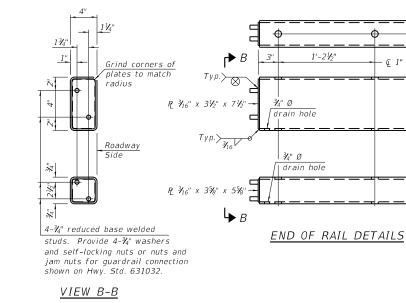


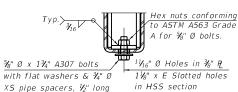


2'-8"

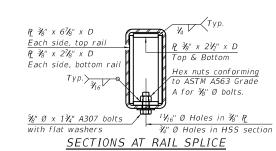
 \mathbf{T}_D

Surface





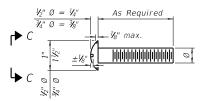
RAIL SPLICE CONNECTION AT EXPANSION JT



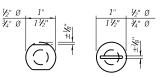
SCALE:

Notes: Posts shall not be located closer than 1'-3" to an existing bridge expansion joint or end of bridge. Provide one V_8 " and two V_{16} " steel shims for 25% of the posts. Shims shall be similar to base plates in size and holes.

All steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications. All HSS tubing shall be CVN tested according to Article 1006.34(b) of the Standard Specifications. Rail splice inserts may be built out of 2 -¾" bent plates in lieu of the 4 plate rail splice inserts shown, provided the outside dimensions are matched. All round head bolts shall be ASTM A307 with locknuts according to ASTM A563 grade A.

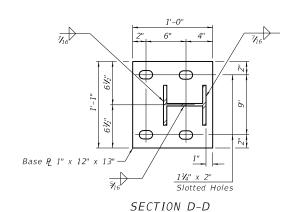


DETAIL OF 1/2" Ø & 3/4" Ø ROUND HEAD BOLTS



Without Slot With Slot (shown) or or Recess Approved Recess

VIEW C-C



RAILING CRITERIA

in HSS tubing may be

D₹

* Slope

drilled in the field.

1/8" Fabric reinforced elastomeric pad

4-1" Ø H.S. Threaded Anchor Rods with hex lock nuts and tapered washers, drilled and

Standard Specifications.

NCHRP 350 Test Level	4
Railing Weight (plf)	70
Max Post Spacing	6'-3"

SPLICE DIMENSIONS

RAIL SPLICE ELEVATION

A at exp. jt. at 50° F.

typ.

T	Α	В	С	D	Е
0	1/4"	4"	4"	1'-8"	-
≤4"	21/2"	45/8"	4¾"	1'-10"	3½16"
≤9½"	5½"	7¾"	71/4"	2'-91/4"	5 ¹ 3/ ₁₆ "
≤15"	81/4"	10½"	10"	3'-81/4"	8% ₁₆ "

T = Total movement along centerline of roadway at expansion joint.

STEEL RAILING, TYPE 2399 STRUCTURE NO.

BILL OF MATERIAL						
Item	Unit	Quantity				
Steel Railing, Type 2399	Foot	50.0				

CEC	Cummins Engineering Corporation					
ENCINEEDS AND SUBVEYORS						

JOB = 2740.1	DESIGNED	- CGF	REVISED	-
FILE NAME = 2740.1-Steel_Railing_2399.dgn	DRAWN	- CGF	REVISED	-
PLOT SCALE = 40:0.000 ':' / in.	CHECKED	- THF	REVISED	-
PLOT DATE = 3/19/2024	DATE	- 02/06/2024	REVISED	-

VERMILION COUNTY GUARDRAIL IMPROVEMENTS

S.	STEEL RAILING, TYPE 2399 STRUCTURE NO. 038–4603 – LOCATION NO. 67									
	SHEET	NO.	OF	SHEETS	STA.	TO STA.				

ROUTE VARIOUS	UTE RIOUS SECTION				COUNTY	TOTAL SHEETS	SHEET NO.
	22-00220-00-GR				VERMILION	39	39
				Т	CONTRAC	T NO.	91641
FED. ROAD	DIST. NO.	ILLINOIS	FED.	AID	PROJECT		