

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 12	17-00052-00-BR	SCOTT	31	1
FED. ROAD DIST. NO. 7 ILLINOIS		CONTRACT NO. 93796		

INDEX OF SHEETS

11/18/2022 LETTING ITEM 096

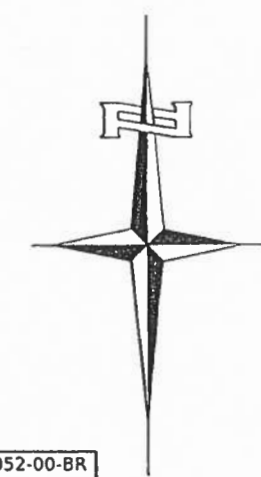
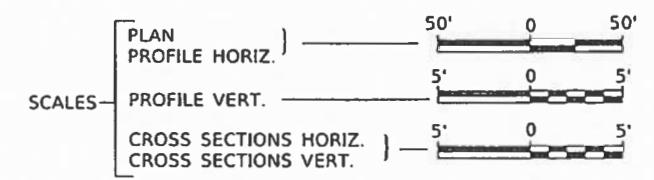
SHEET NO.	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES, TYPICAL SECTIONS, DETAILS, PAVEMENT DESIGN INFORMATION
3	TIE POINTS
4	SUMMARY OF QUANTITIES
5	SCHEDULES OF QUANTITIES
6	TRAFFIC CONTROL PLAN
7	STORMWATER POLLUTION PREVENTION PLAN
8	PLAN AND PROFILE
9-21	STRUCTURE PLANS
22-31	CROSS SECTIONS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PLANS FOR PROPOSED
ILLINOIS SPECIAL BRIDGE PROGRAM
SCOTT COUNTY
SECTION 17-00052-00-BR
C.H. 12 OVER MAUVAISE TERRE CREEK
PROJECT NO. UP13(823)
JOB NUMBER C-96-099-21



HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 515001-04 NAME PLATE FOR BRIDGES
- 630301-09 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
- 631032-09 TRAFFIC BARRIER TERMINAL, TYPE 6A
- 701901-08 TRAFFIC CONTROL DEVICES
- 725001-01 OBJECT AND TERMINAL MARKERS
- BLR 21-9 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
- BLR 26-3 STEEL PLATE BEAM GUARDRAIL 29" (731mm) HEIGHT

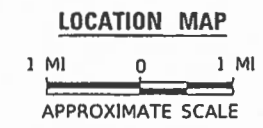
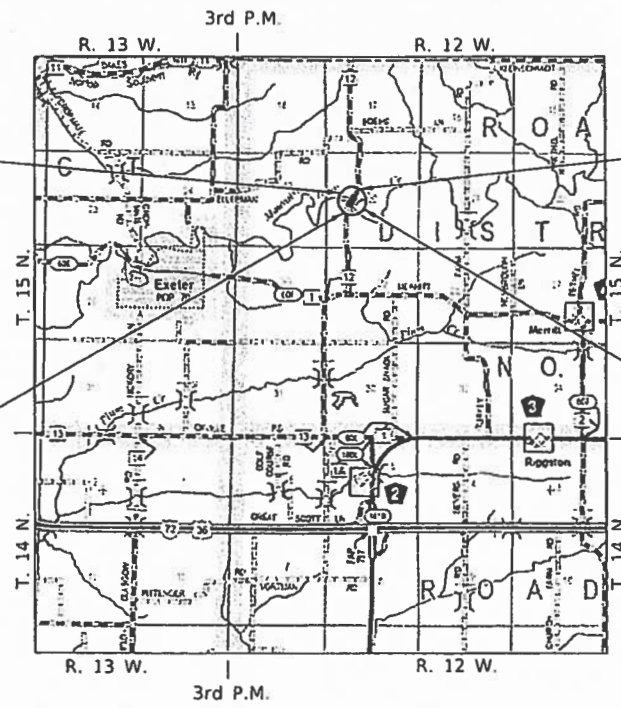


PROPOSED STRUCTURE SN 086-3003
 THREE SPAN PPC DECK BEAM
 SUPERSTRUCTURE ON CONCRETE ENCASED
 PILE BENT PIERS AND CONCRETE SPILL-THRU
 ABUTMENTS, 225'-0" BK TO BK,
 30'-0" O TO O DECK, SKEW 35° LT AH.

SECTION 17-00052-00-BR
 BEGINS
 STATION 13+00.00

SECTION 17-00052-00-BR
 ENDS
 STATION 24+00.00

EXISTING STRUCTURE SN 086-3002
 THREE SPAN CONTINUOUS STEEL BEAM
 SUPERSTRUCTURE W/ REINFORCED CONCRETE DECK
 ON CONCRETE SPILL THRU ABUTMENTS AND THREE
 COLUMN CONCRETE PIERS ON CONCRETE FOOTINGS,
 174'-4" BK TO BK, 25'-4" O TO O DECK,
 SKEWED 20° LT AH. (TO BE REMOVED)



NET LENGTH OF PROJECT = 1100.00 FEET = 0.208 MILES
 DESIGN CLASSIFICATION: MINOR COLLECTOR (NON-URBAN)
 DESIGN ADT = 100 (2022)
 DESIGN SPEED = 40 MPH

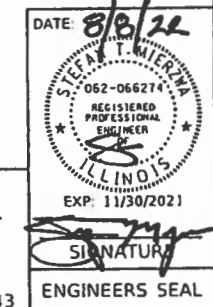
UTILITY COMPANIES

- FRONTIER COMMUNICATIONS
 JACKSONVILLE, ILLINOIS
- ILLINOIS ELECTRIC COOPERATIVE
 WINCHESTER, ILLINOIS

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

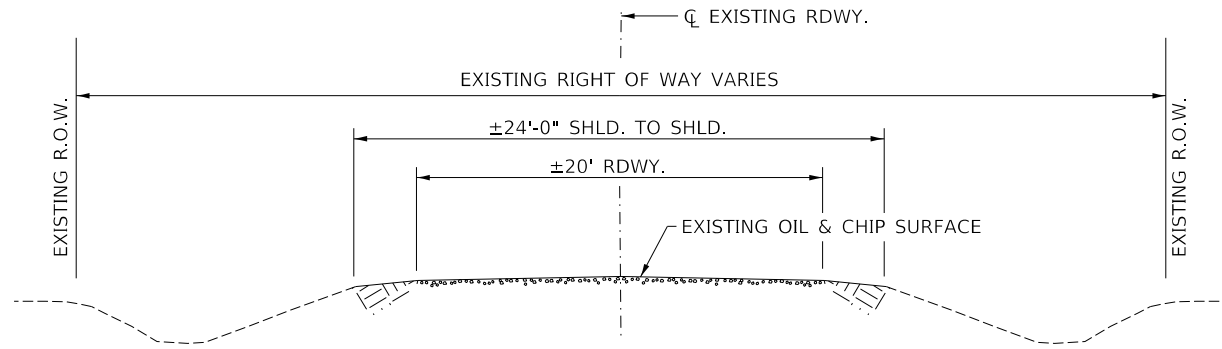
CONTRACT NO. 93796

Hutchison Engineering, Inc.
 JACKSONVILLE-SHOREWOOD
 PEORIA-QUAD CITIES-CARBONDALE

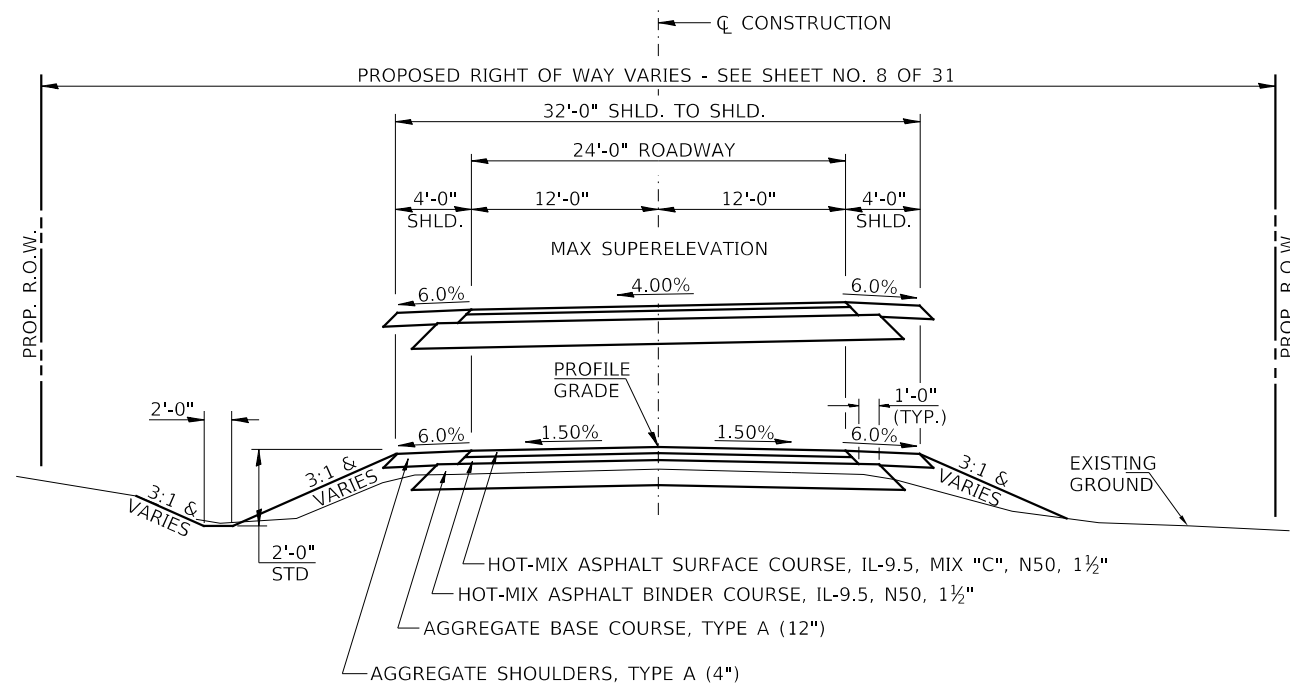


APPROVED	<i>August 10, 2022</i>	2022
SCOTT COUNTY ENGINEER		
PASSED	<i>August 16, 2022</i>	2022
DISTRICT SIX ENGINEER OF LOCAL ROADS & STREETS		
Released For Bid Based on Limited Review	<i>August 16, 2022</i>	2022
REGION FOUR ENGINEER STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		

FILE NAME: V16463 - CH 12 over Mauvaise Terre Creek (Scott) (CADD) Sheets (4641-490).dgn



EXISTING TYPICAL SECTION



PROPOSED TYPICAL SECTION

STA. 13+00.00 TO STA. 18+95.50
STA. 21+20.50 TO STA. 24+00.00

EXCEPT TRANSITIONS AND SUPERELEVATION

S.E. ATTAINED = STA 13+15.00 TO STA 14+25.00
S.E. REMOVED = STA 16+85.00 TO STA 17+95.00

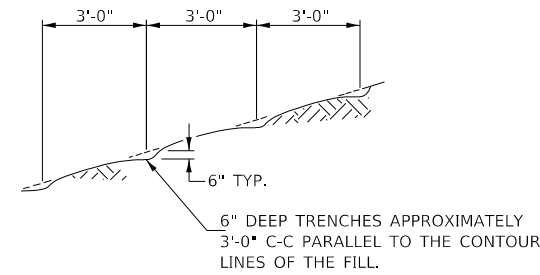
S.E. ATTAINED = STA 21+75.00 TO STA 22+80.00
S.E. REMOVED = TRANSITION PROPOSED SE TO EXISTING SE
STA 23+50.00 TO STA 24+00.00

BRIDGE OMISSION
STA. 18+95.50 TO STA. 21+20.50

CONSTRUCT GUARDRAIL
SHOULDER WIDENING IN
ACCORDANCE WITH STD 630301

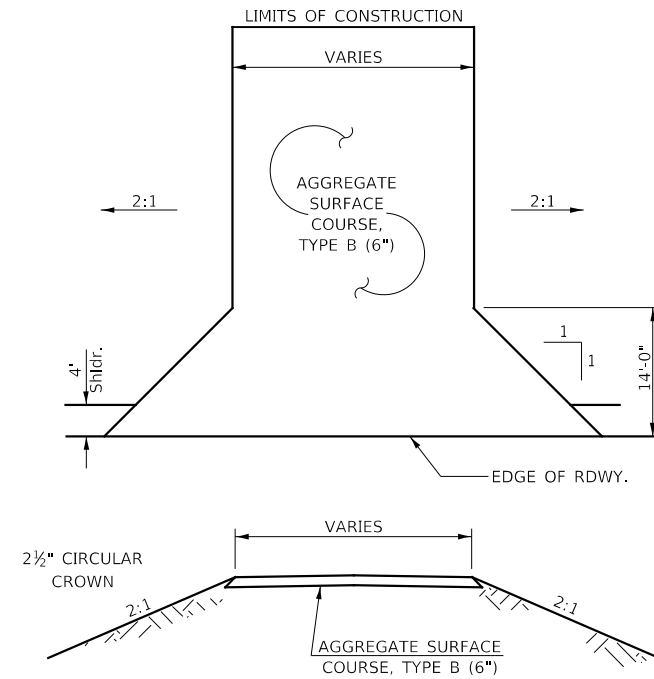
COMMITMENTS

THERE ARE NO COMMITMENTS FOR THIS PROJECT.



NOTE: ALL SLOPES 3:1 OR STEEPER AND GREATER THAN 5' IN HEIGHT SHALL BE CONTOUR PLOWED AS SHOWN IN DETAIL. COST SHALL BE INCLUDED WITH SEEDING, CLASS 2 (SPECIAL).

DETAIL OF CONTOUR PLOWING



FIELD ENTRANCES

STA 17+84 LT (22' WIDE)
STA 23+21 LT (16' WIDE)

**STRUCTURAL DESIGN INFORMATION
COUNTY HIGHWAY 12**

ROAD CLASSIFICATION: CLASS IV 80,000 lb./15 YEAR DESIGN
STRUCTURAL DESIGN TRAFFIC:
PV = 88 SU = 9 MU = 3
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P = 88% S = 9% M = 3%
DESIGN E_{RI}: 3 KSI
ASPHALT PAVEMENT THICKNESS: 3"
AGGREGATE BASE COURSE, TYPE A: 12"

GENERAL NOTES

PLAN QUANTITIES FOR TREE REMOVAL HAVE BEEN BASED ON ALL TREES WITHIN THE PROPOSED RIGHT OF WAY. THIS QUANTITY MAY BE REVISED DURING CONSTRUCTION, AT THE DIRECTION OF THE ENGINEER, BY DELETING FROM THE TREE REMOVAL QUANTITIES, SUCH TREES THAT DO NOT INTERFERE WITH THE PROPOSED CONSTRUCTION.

ANY ADDITIONAL REMOVAL OF EXISTING OIL & CHIP SURFACE AND GRAVEL OR CRUSHED STONE BASE COURSE WHICH MAY BE NECESSARY FOR THE CONSTRUCTION OF THE NEW BRIDGE SHALL BE REMOVED AS STRUCTURE EXCAVATION AND NO COMPENSATION WILL BE ALLOWED FOR ADDITIONAL LABOR OR EQUIPMENT REQUIRED.

ALL WASTE OR UNDESIRABLE MATERIAL AS IDENTIFIED BY THE ENGINEER SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY AT THE CONTRACTOR'S EXPENSE.

ALL EXISTING PRIVATELY OWNED UTILITIES REQUIRING ADJUSTMENT WILL BE MADE BY THE UTILITY COMPANY INVOLVED. WHERE NO PROVISIONS HAVE BEEN MADE FOR ADJUSTMENTS ON THE PLANS, NO ADDITIONAL COMPENSATION WILL BE ALLOWED DUE TO DELAYS OR INCONVENIENCES CAUSED BY THE SAID UTILITY ADJUSTMENTS.

THE PROFILE GRADE ELEVATIONS SHOWN ON THE PLAN AND PROFILE SHEETS AND IN THE STATION CROSS SECTIONS ARE TO THE TOP OF THE FINISHED SURFACE.

ALL EXISTING DRAINAGE STRUCTURES NOT BEING REMOVED BY THE CONTRACTOR THAT ARE DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

THE LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE PLANS REPRESENTS THE BEST KNOWLEDGE OF THE COUNTY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATIONS OF UNDERGROUND INSTALLATIONS BEFORE STARTING CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL INDEMNIFY THE COUNTY, ITS OFFICERS AND EMPLOYEES AGAINST ALL CLAIMS DUE TO DAMAGE TO CORPORATE OR PRIVATE PROPERTY RESULTING FROM HIS CONSTRUCTION OPERATIONS AS DESCRIBED IN ARTICLES 107.20 AND 107.26 OF THE STANDARD SPECIFICATIONS.

THE CONTRACTOR MAY BE REQUIRED TO CONDUCT SOME OF HIS GRADING AND TRENCHING OPERATIONS AROUND TRANSMISSION POLES AND UNDER TRANSMISSION LINES. THE ADDED COST OF SO DOING SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND PRESERVE PROPERTY MARKERS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT, HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

ALL ELEVATIONS SHOWN REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

	HMA BINDER	HMA SURFACE
PG GRADE:	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4% @ N50	4% @ N50
MIXTURE COMPOSITION:	IL-9.5	IL-9.5
FRICTION AGGREGATE:		MIXTURE C
MIXTURE WEIGHT:	112#/SQ YD/IN	112#/SQ YD/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A
LOCATION(S):	ENTIRE PROJECT	ENTIRE PROJECT

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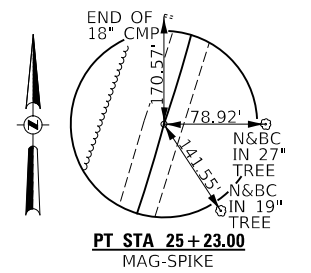
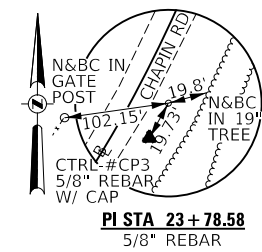
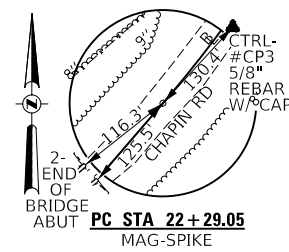
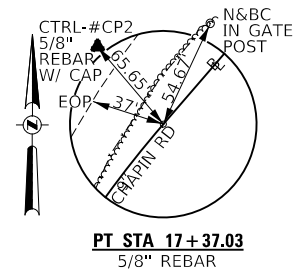
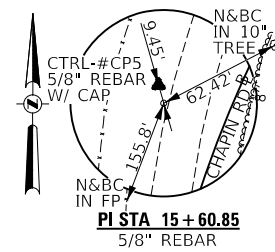
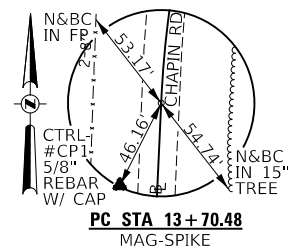
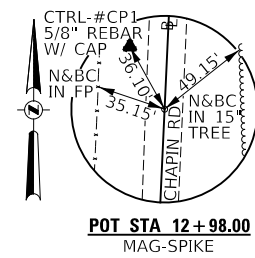
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PLOT SCALE = 2,000' / in.	DRAWN - MMO	REVISED -
PLOT DATE = 8/8/2022	CHECKED - STM	REVISED -
	DATE - 6/30/2022	REVISED - 8/8/2022

**SCOTT COUNTY
COUNTY HIGHWAY 12 OVER
MAUVAISE TERRE CREEK**

**GENERAL NOTES, TYPICAL SECTIONS, DETAILS,
PAVEMENT DESIGN INFORMATION**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. 13+00.00 TO STA. 24+00.00

RTe.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 12	17-0052-00-BR	SCOTT	31	2
			CONTRACT NO. 93796	
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT NO. UP131(823)	



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	DRAWN - MMO	REVISED -
PLOT SCALE = 2,000' / in.	CHECKED - STM	REVISED -
PLOT DATE = 8/8/2022	DATE - 6/29/2022	REVISED -

**SCOTT COUNTY
 COUNTY HIGHWAY 12 OVER
 MAUVAISE TERRE CREEK**

SCALE: NONE		SHEET 1 OF 1 SHEETS		STA. 13+00.00 TO STA. 24+00.00		TIE POINTS	
						RT.	SECTION

CH 12	17-00052-00-BR	SCOTT	31	3
CONTRACT NO. 93796				
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT NO. UP131823		

SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	QUANTITY		CODE NO.	ITEM	UNIT	QUANTITY
△	SP 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	23		50201102	COFFERDAM (TYPE 1) (LOCATION-2)	EACH	1
△	SP 20100500	TREE REMOVAL, ACRES	ACRE	1.0		BDE 50300225	CONCRETE STRUCTURES	CU YD	235.5
	20200100	EARTH EXCAVATION	CU YD	1,200		BDE 50300280	CONCRETE ENCASEMENT	CU YD	25.0
	20300100	CHANNEL EXCAVATION	CU YD	2,010		50400505	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SQ FT	1,905
	SP 20400800	FURNISHED EXCAVATION	CU YD	4,035		50400605	PRECAST PRESTRESSED CONCRETE DECK BEAMS (33" DEPTH)	SQ FT	4,770
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,000		50800105	REINFORCEMENT BARS	POUND	16,710
	28000305	TEMPORARY DITCH CHECKS	FOOT	24	△	50901050	STEEL RAILING, TYPE SM	FOOT	450
	28000400	PERIMETER EROSION BARRIER	FOOT	1,875		51201400	FURNISHING STEEL PILES HP10X42	FOOT	375
	28000500	INLET AND PIPE PROTECTION	EACH	1		51201800	FURNISHING STEEL PILES HP14X73	FOOT	651
	28100209	STONE RIPRAP, CLASS A5	TON	1,380		51202305	DRIVING PILES	FOOT	375
	28200200	FILTER FABRIC	SQ YD	1,070		51203400	TEST PILE STEEL HP10X42	EACH	2
	35100100	AGGREGATE BASE COURSE, TYPE A	TON	1,666		51204650	PILE SHOES	EACH	12
	40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	87		51265002	DRILLING AND SETTING PILES (IN ROCK)	CU FT	412
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	5,729		51500100	NAME PLATES	EACH	1
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	693		SP 542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	26
	40600370	LONGITUDINAL JOINT SEALANT	FOOT	875		BDE 58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	750
	BDE 40602978	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	TON	196		58300100	PORTLAND CEMENT MORTAR FAIRING COURSE	FOOT	500
	BDE 40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	279		SP 59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	22.0
	48100100	AGGREGATE SHOULDERS, TYPE A	TON	188	△	63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	4
	SP 50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	△	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4
	SP 50104650	SLOPE WALL REMOVAL	SQ YD	624		67100100	MOBILIZATION	L SUM	1
	50105220	PIPE CULVERT REMOVAL	FOOT	66	△	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
	50200100	STRUCTURE EXCAVATION	CU YD	60	△	SP X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	1.5
	50200300	COFFERDAM EXCAVATION	CU YD	175	#	20076600	TRAINEES	Hour	1,000
	50201101	COFFERDAM (TYPE 1) (LOCATION-1)	EACH	1	#	SP X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
						20076604	TRAINEES TRAINING PROGRAM GRADUATE	Hour	1,000
						CS 20013798	CONSTRUCTION LAYOUT	L SUM	1

SP: SEE SPECIAL PROVISIONS
 CS: SEE CHECK SHEET FOR RECURRING SPECIAL PROVISIONS
 BDE: SEE BUREAU OF DESIGN AND ENVIRONMENT CHECK SHEET

△ : SPECIALTY ITEMS

0042

CONSTRUCTION CODE TYPE: 0010

MODEL: 4100EQUANR1E
 FILE NAME: V-1643 - C11 12 over Mauvaise Terre Creek (SCOTT)CADDDADD_Sheets0464-001.dgn

USER NAME = SMierzwa	DESIGNED - MMO	REVISED -	SCOTT COUNTY COUNTY HIGHWAY 12 OVER MAUVAISE TERRE CREEK			SUMMARY OF QUANTITIES			RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in.	DRAWN - MMO	REVISED -							CH 12	17-00052-00-BR	SCOTT	31	4
PLOT DATE = 8/8/2022	CHECKED - STM	REVISED -	SCALE: NONE			SHEET 1 OF 1 SHEETS			STA. 13+00.00	TO STA. 24+00.00	CONTRACT NO. 93796		
	DATE - 7/6/2022	REVISED -							FED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT NO. UP131823

EARTHWORK SUMMARY						
STATION TO STATION	EARTH EXCAVATION	CHANNEL EXCAVATION	STRUCTURE EXCAVATION	COFFERDAM EXCAVATION	FILL	WASTE (SHORTAGE)
RDWY 13+00.00 - 18+95.50	998				3,484	(2,736)
RDWY 21+20.50 - 24+00.00	202				1,452	(1,301)
CHANNEL		2,010				
STRUCTURE			60			
COFFERDAM				175		
TOTAL	1,200	2,010	60	175	4,936	(4,037)
USE	1,200	2,010	60	175	-	(4,035)

(@ 25% SHRINKAGE)

AGGREGATE SHOULDERS, TYPE A 140#/CF				
STATION TO STATION	SIDE	WIDTH	LENGTH	TON
13+00.00 - 13+50.00	LT	3.00' AVG.	50.00'	4
13+00.00 - 13+50.00	RT	3.00' AVG.	50.00'	4
13+50.00 - 17+67.58	LT	4.00'	417.58'	39
13+50.00 - 17+63.50	RT	4.00'	413.50'	39
17+63.50 - 17+87.50	RT	6.00' AVG.	24.00'	3
17+87.50 - 18+22.50	RT	8.00'	35.00'	7
18+16.14 - 18+43.50	LT	8.00'	27.36'	5
18+22.50 - 18+47.50	RT	7.88' AVG.	25.00'	5
18+43.50 - 18+68.50	LT	7.88' AVG.	25.00'	5
18+47.50 - 18+60.14	RT	7.75'	12.64'	2
18+60.14 - 18+85.81	RT	5.72' AVG.	25.67'	3
18+68.50 - 18+85.95	LT	7.75'	17.45'	3
18+85.95 - 19+05.40	LT	6.00' AVG.	19.45'	3
21+09.11 - 21+30.05	RT	6.00' AVG.	20.94'	3
21+30.05 - 21+47.50	RT	7.75'	17.45'	3
21+31.48 - 21+55.86	LT	5.72' AVG.	24.38'	3
21+47.50 - 21+72.50	RT	7.88' AVG.	25.00'	5
21+55.86 - 21+68.50	LT	7.75'	12.64'	2
21+68.50 - 21+93.50	LT	7.88' AVG.	25.00'	5
21+72.50 - 22+07.50	RT	8.00'	35.00'	7
21+93.50 - 22+28.50	LT	8.00'	35.00'	7
22+07.50 - 22+31.47	RT	6.00' AVG.	23.97'	3
22+28.50 - 22+50.90	LT	6.00' AVG.	22.40'	3
22+31.47 - 23+50.00	RT	4.00'	118.53'	11
22+50.90 - 23+00.83	LT	4.00'	49.93'	5
23+41.17 - 23+50.00	LT	4.00'	8.83'	1
23+50.00 - 24+00.00	LT	3.00' AVG.	50.00'	4
23+50.00 - 24+00.00	RT	3.00' AVG.	50.00'	4
TOTAL				188

AGGREGATE SURFACE COURSE, TYPE B			
STATION	WIDTH	LENGTH	TON
ENTR. - 17+84.20 LT	22' & VAR.	78.52'	68
ENTR. - 23+21.00 LT	16' & VAR.	21.00'	19
TOTAL			87

PAVEMENT SCHEDULE									
STATION TO STATION	WIDTH	LENGTH	AGGREGATE	BITUMINOUS	HOT-MIX	BITUMINOUS	HOT-MIX	LONGITUDINAL	
			BASE CSE, TYPE A 140#/CF	MATERIALS (PRIME COAT) 0.25LBS/SQ FT	ASPHALT BINDER CSE 112#/SQ YD/IN	MATERIALS (TACK COAT) 0.025LBS/SQ FT	ASPHALT SURFACE CSE 112#/SQ YD/IN	JOINT SEALANT	
			TON	POUND	TON	POUND	TON	FOOT	
13+00.00 - 13+50.00	24.73' AVG.	50.00'	87						
13+50.00 - 18+95.50	27.50'	545.50'	1,050						
21+20.50 - 23+50.00	27.50'	229.50'	442						
23+50.00 - 24+00.00	24.84' AVG.	50.00'	87						
13+00.00 - 13+50.00	23.73' AVG.	50.00'			297				
13+50.00 - 18+95.50	26.50'	545.50'			3,614				
21+20.50 - 23+50.00	26.50'	229.50'			1,520				
23+50.00 - 24+00.00	23.84' AVG.	50.00'			298				
13+00.00 - 13+50.00	21.60' AVG.	50.00'					10		
13+50.00 - 18+95.50	24.38'	545.50'					124		
21+20.50 - 23+50.00	24.38'	229.50'					52		
23+50.00 - 24+00.00	21.72' AVG.	50.00'					10		
13+00.00 - 13+50.00	21.48' AVG.	50.00'						27	
13+50.00 - 18+95.50	24.25'	545.50'						331	
21+20.50 - 23+50.00	24.25'	229.50'						139	
23+50.00 - 24+00.00	21.59' AVG.	50.00'						27	
13+00.00 - 13+50.00	21.35' AVG.	50.00'						10	
13+50.00 - 18+95.50	24.13'	545.50'						123	
BRIDGE DECK	30.00'	225.00'						84	
21+20.50 - 23+50.00	24.13'	229.50'						52	
23+50.00 - 24+00.00	21.47' AVG.	50.00'						10	
TOTAL			1,666	5,729	196	693	279	875	

TREE REMOVAL				
STATION TO STATION	OFFSET	SIDE	6 TO 15 UNITS	ACRE
13+91	33'	LEFT	8	
13+91	33'	LEFT	8	
17+36	78'	LEFT	7	
15+20 - 19+40	VARIES	LT/RT		0.6
18+60 - 19+80	VARIES	LEFT		0.1
20+25 - 24+00	VARIES	RIGHT		0.2
21+05 - 22+75	VARIES	LEFT		0.1
TOTAL			23	1.0

PIPE CULVERTS, CLASS D, TYPE 1 15"		
STATION	SIDE	FOOT
23+20	LEFT	26
TOTAL		26

PIPE CULVERT REMOVAL			
STATION	SIZE	SIDE	FOOT
18+04	21"	LEFT	36
23+23	15"	LEFT	30
TOTAL			66

INLET AND PIPE PROTECTION		
STATION	SIDE	EACH
23+34	LEFT	1
TOTAL		1

TEMPORARY DITCH CHECKS		
STATION	SIDE	FOOT
22+75	LEFT	12
23+00	LEFT	12
TOTAL		24

PERIMETER EROSION BARRIER		
STATION TO STATION	SIDE	FOOT
13+00 - 19+09	LEFT	710
13+00 - 18+83	RIGHT	585
21+07 - 24+00	RIGHT	345
21+33 - 22+75	LEFT	175
23+07 - 23+34	LEFT	30
23+75 - 24+00	LEFT	30
TOTAL		1,875

TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT			
STATION TO STATION	SIDE	EACH	
17+97.50 - 18+47.50	RT	1	
18+18.50 - 18+68.50	LT	1	
21+47.50 - 21+97.50	RT	1	
21+68.50 - 22+18.50	LT	1	
TOTAL		4	

TRAFFIC BARRIER TERMINAL, TYPE 6A			
STATION TO STATION	SIDE	EACH	
18+47.50 - 18+85.00	RT	1	
18+68.50 - 19+06.00	LT	1	
21+10.00 - 21+47.50	RT	1	
21+31.00 - 21+68.50	LT	1	
TOTAL		4	

MODEL: S:\MODEL\MAME FILE NAME: V:\B13 - C1 12 over Mauvaise Terre Creek (SCOTT)\CADD\CADD_Sheets\1643-002.dgn

USER NAME = SMierzwa	DESIGNED - MMO	REVISED - _____
	DRAWN - MMO	REVISED - _____
PLOT SCALE = 100.0000' / in.	CHECKED - STM	REVISED - _____
PLOT DATE = 8/8/2022	DATE - 7/6/2022	REVISED - _____

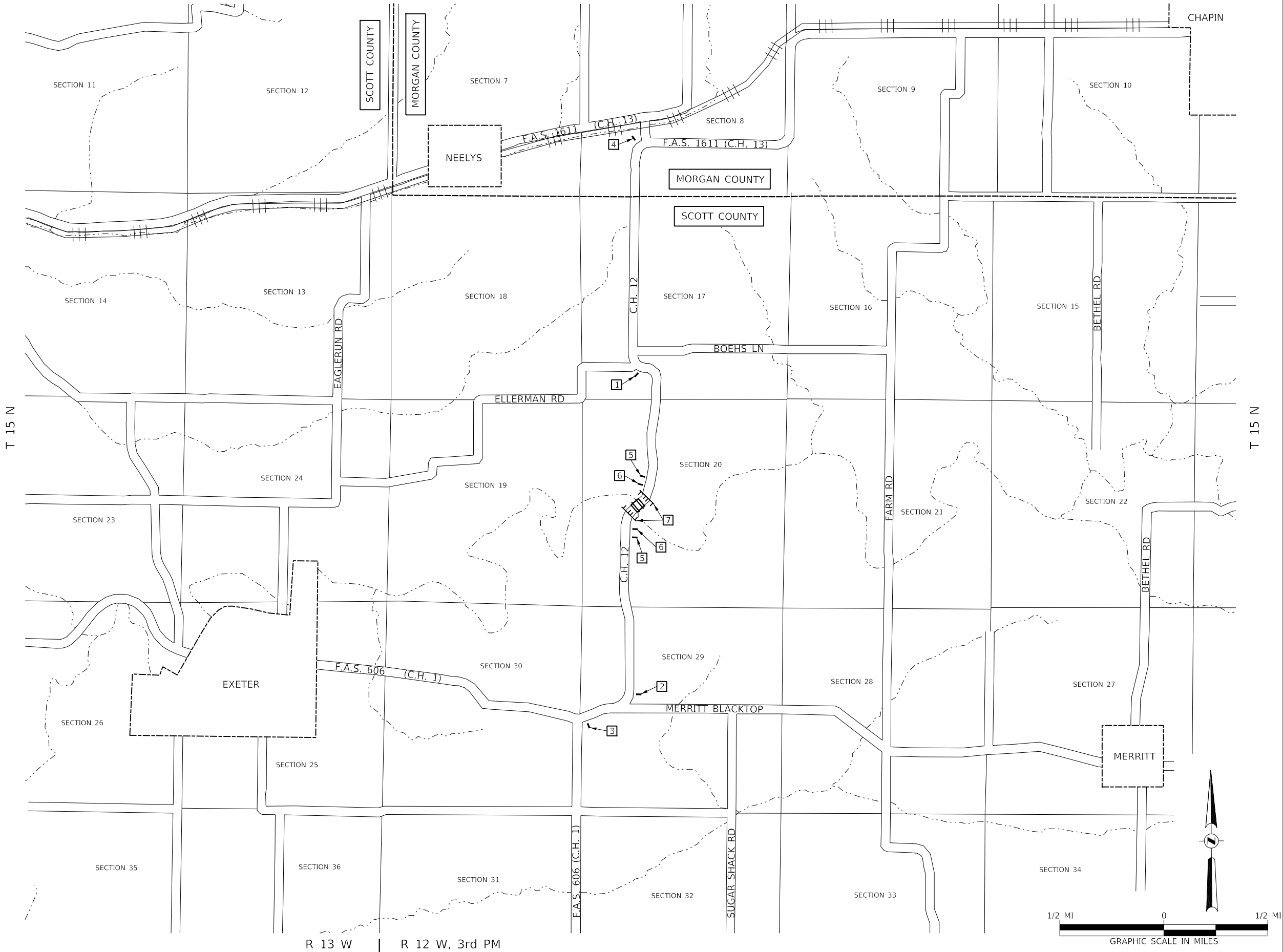
**SCOTT COUNTY
COUNTY HIGHWAY 12 OVER
MAUVAISE TERRE CREEK**

SCHEDULES OF QUANTITIES

SCALE: NONE SHEET 1 OF 1 SHEETS STA. 13+00.00 TO STA. 24+00.00

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 12	17-00052-00-BR	SCOTT	31	5
CONTRACT NO. 93796				
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT NO. UP13(B23)	

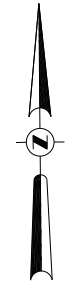
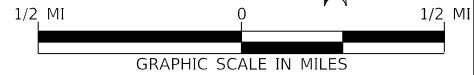
R 13 W | R 12 W, 3rd PM



- 1 ROAD CLOSED 3/4 MILE AHEAD LOCAL TRAFFIC ONLY R11-3
- 2 ROAD CLOSED 1 MILE AHEAD LOCAL TRAFFIC ONLY R11-3
- 3 ROAD CLOSED 1 1/4 MILES AHEAD LOCAL TRAFFIC ONLY R11-3
- 4 ROAD CLOSED 2 MILES AHEAD LOCAL TRAFFIC ONLY R11-3

- 5 ROAD CLOSED AHEAD W20-3
- 6 ROAD CLOSED 500 FT W20-3
- 7 TYPE III BARRICADES

SEE STANDARD BLR 21 AND SPECIAL PROVISIONS



MODEL: STD061NAME: FILE NAME: V:\2023 - CH 12 over Mauvaise Terre Creek (Scott)CAD\CADD_Sheets\163-h001.dgn

USER NAME = SMierzwa	DESIGNED - MMO	REVISED -
PLOT SCALE = 2,000' / in.	DRAWN - MMO	REVISED -
PLOT DATE = 8/8/2022	CHECKED - STM	REVISED -
	DATE - 6/28/2022	REVISED -

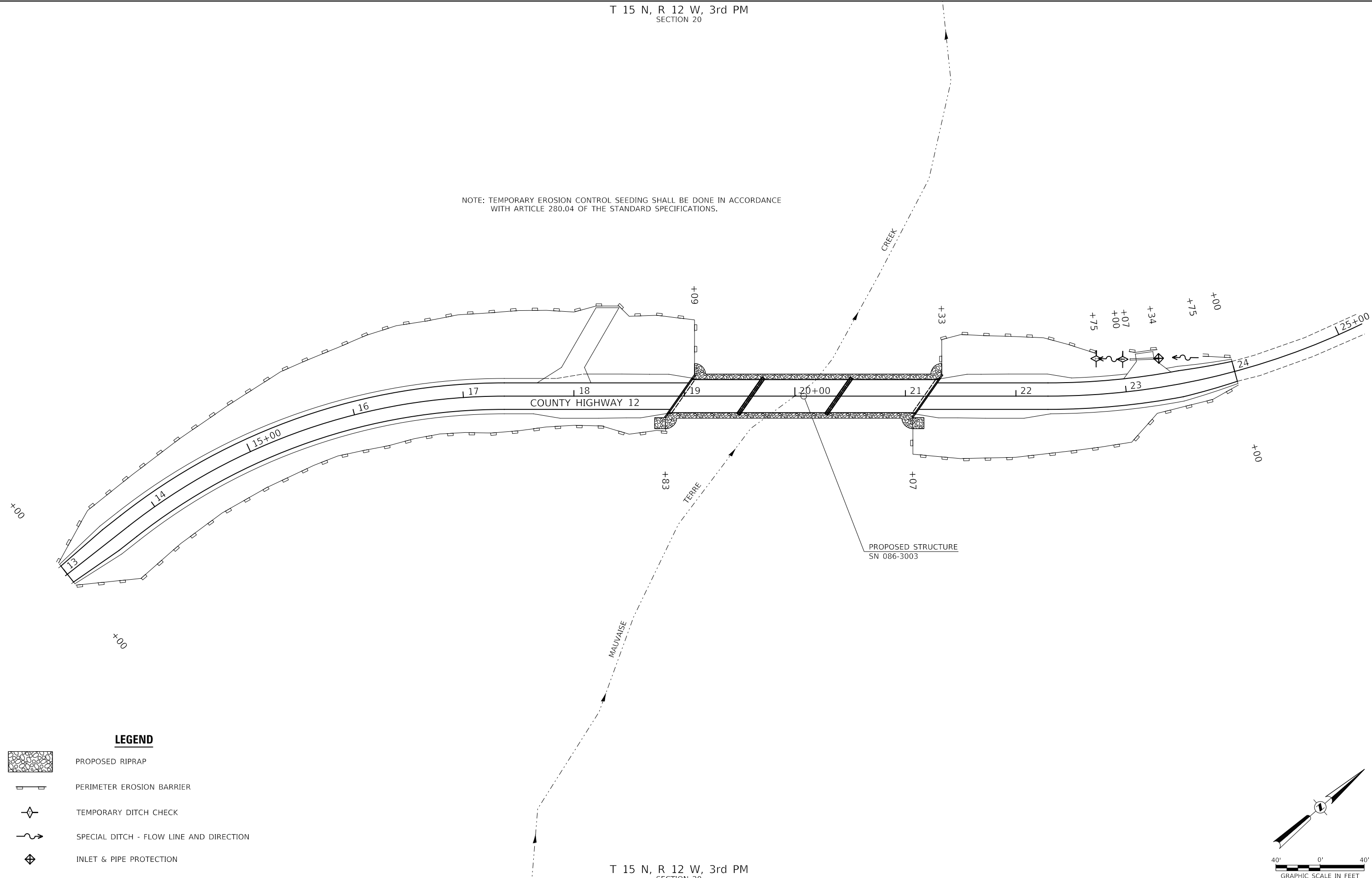
**SCOTT COUNTY
COUNTY HIGHWAY 12 OVER
MAUVAISE TERRE CREEK**

TRAFFIC CONTROL PLAN			
SCALE: NONE	SHEET 1	OF 1	SHEETS
STA. 13+00.00	TO STA. 24+00.00		

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 12	17-00052-00-BR	SCOTT	31	6
CONTRACT NO. 93796				
FED. ROAD DIST. NO. 7 ILLINOIS		FED. AID PROJECT NO. UP13(823)		

T 15 N, R 12 W, 3rd PM
SECTION 20

NOTE: TEMPORARY EROSION CONTROL SEEDING SHALL BE DONE IN ACCORDANCE WITH ARTICLE 280.04 OF THE STANDARD SPECIFICATIONS.



T 15 N, R 12 W, 3rd PM
SECTION 20


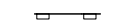
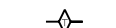
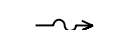

**SCOTT COUNTY
COUNTY HIGHWAY 12 OVER
MAUVAISE TERRE CREEK**

**STORMWATER POLLUTION
PREVENTION PLAN**

SCALE: 1"=40' SHEET 1 OF 1 SHEETS STA. 13+00.00 TO STA. 24+00.00

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 12	17-00052-00-BR	SCOTT	31	7
CONTRACT NO. 93796				
FED. ROAD DIST. NO. 7 ILLINOIS			FED. AID PROJECT NO. UP13(B23)	



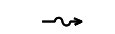
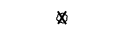
LEGEND

-  PROPOSED RIPRAP
-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECK
-  SPECIAL DITCH - FLOW LINE AND DIRECTION
-  INLET & PIPE PROTECTION

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DRAWN - MMO	REVISED - _____	
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PLOT DATE = 8/8/2022	DATE - 6/28/2022	REVISED - _____

LEGEND

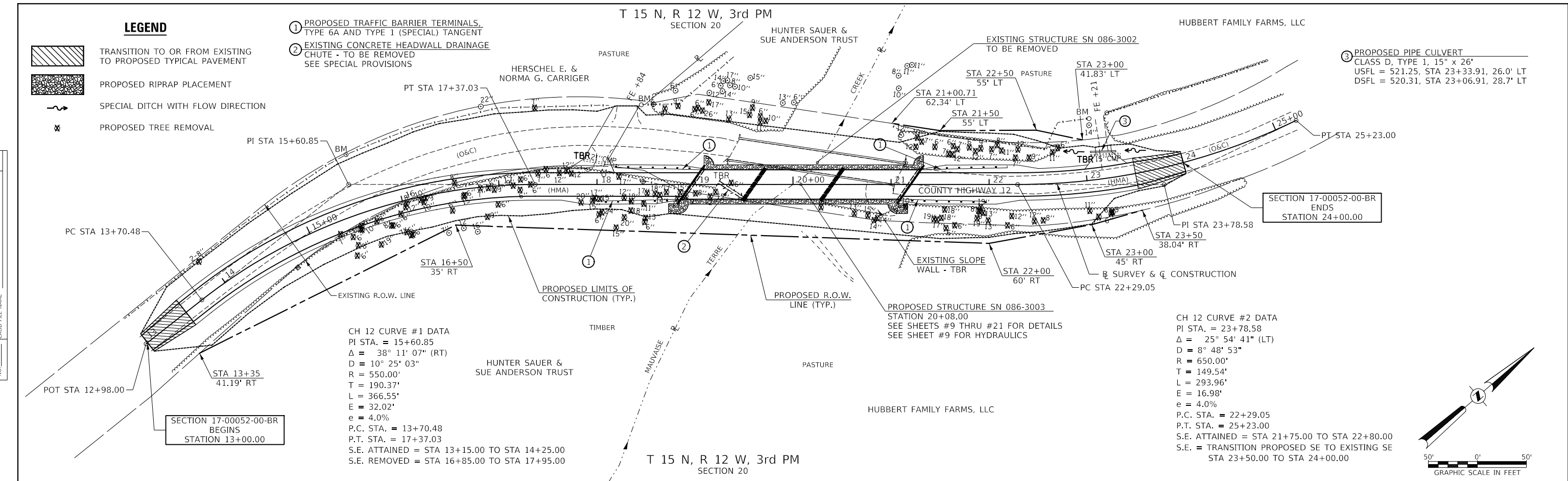
-  TRANSITION TO OR FROM EXISTING TO PROPOSED TYPICAL PAVEMENT
-  PROPOSED RIPRAP PLACEMENT
-  SPECIAL DITCH WITH FLOW DIRECTION
-  PROPOSED TREE REMOVAL

- ① PROPOSED TRAFFIC BARRIER TERMINALS, TYPE 6A AND TYPE 1 (SPECIAL) TANGENT
- ② EXISTING CONCRETE HEADWALL DRAINAGE CHUTE - TO BE REMOVED SEE SPECIAL PROVISIONS

- ③ PROPOSED PIPE CULVERT
CLASS D, TYPE 1, 15" x 26"
USFL = 521.25, STA 23+33.91, 26.0' LT
DSFL = 520.31, STA 23+06.91, 28.7' LT

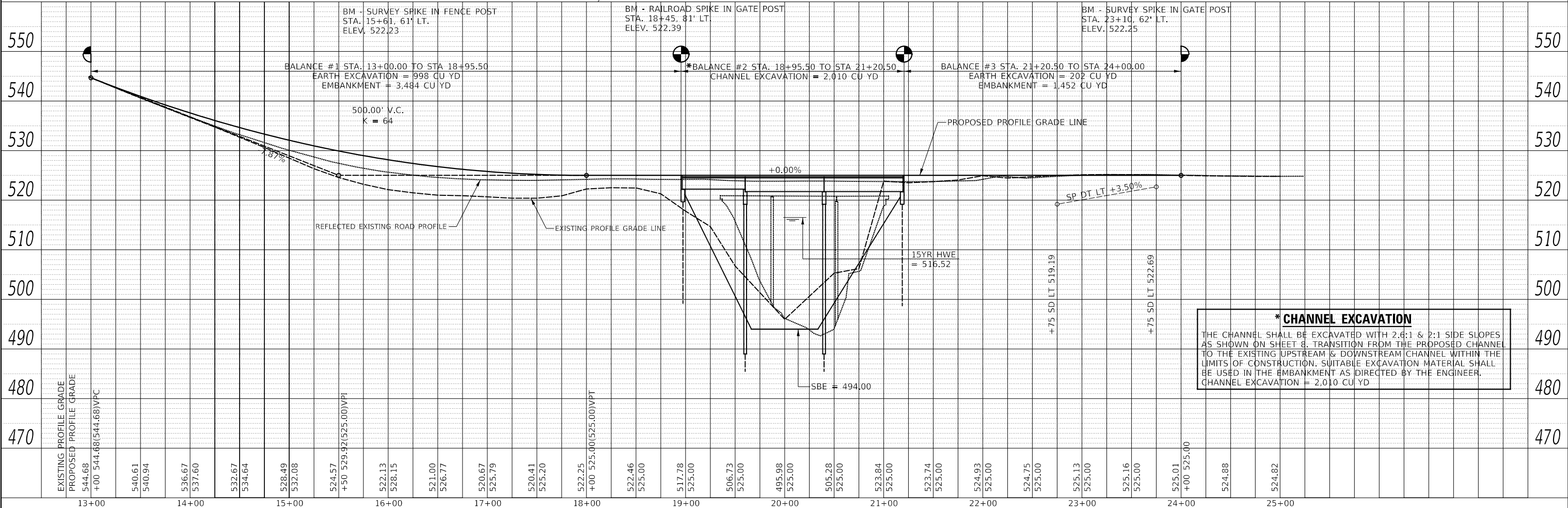
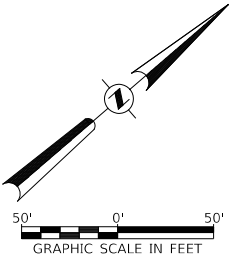
DATE	
BY	
PLAN	
NO.	
NO.	
NO.	
NO.	

DATE	
BY	
PROFILE	
NO.	
NO.	
NO.	
NO.	



CH 12 CURVE #1 DATA
 PI STA. = 15+60.85
 $\Delta = 38^\circ 11' 07''$ (RT)
 $D = 10^\circ 25' 03''$
 $R = 550.00'$
 $T = 190.37'$
 $L = 366.55'$
 $E = 32.02'$
 $e = 4.0\%$
 P.C. STA. = 13+70.48
 P.T. STA. = 17+37.03
 S.E. ATTAINED = STA 13+15.00 TO STA 14+25.00
 S.E. REMOVED = STA 16+85.00 TO STA 17+95.00

CH 12 CURVE #2 DATA
 PI STA. = 23+78.58
 $\Delta = 25^\circ 54' 41''$ (LT)
 $D = 8^\circ 48' 53''$
 $R = 650.00'$
 $T = 149.54'$
 $L = 293.96'$
 $E = 16.98'$
 $e = 4.0\%$
 P.C. STA. = 22+29.05
 P.T. STA. = 25+23.00
 S.E. ATTAINED = STA 21+75.00 TO STA 22+80.00
 S.E. = TRANSITION PROPOSED SE TO EXISTING SE STA 23+50.00 TO STA 24+00.00



*** CHANNEL EXCAVATION**
 THE CHANNEL SHALL BE EXCAVATED WITH 2.6:1 & 2:1 SIDE SLOPES AS SHOWN ON SHEET 8. TRANSITION FROM THE PROPOSED CHANNEL TO THE EXISTING UPSTREAM & DOWNSTREAM CHANNEL WITHIN THE LIMITS OF CONSTRUCTION. SUITABLE EXCAVATION MATERIAL SHALL BE USED IN THE EMBANKMENT AS DIRECTED BY THE ENGINEER.
 CHANNEL EXCAVATION = 2,010 CU YD

MODEL: SPODELNAME.MXD
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USER NAME = SMierzwa	DESIGNED - MMO	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - MMO	REVISED -
PLOT DATE = 8/8/2022	CHECKED - STM	REVISED -
	DATE - 7/6/2022	REVISED -

**SCOTT COUNTY
 COUNTY HIGHWAY 12 OVER
 MAUVAISE TERRE CREEK**

PLAN AND PROFILE	
SCALE: 1"=50'	SHEET NO. 1 OF 1 SHEETS
STA. 13+00.00	TO STA. 24+00.00

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 12	17-00052-00-BR	SCOTT	31	8
CONTRACT NO. 93796				
FED. ROAD DIST. NO. 7		ILLINOIS		
FED. AID PROJECT NO. UP13(823)				

GENERAL NOTES

The Contractor shall drive test piles to 110% of the nominal required bearing specified in production locations at the substructures specified or approved by the Engineer before ordering the remainder of the piles.

For Soil Boring Logs, See Special Provisions.

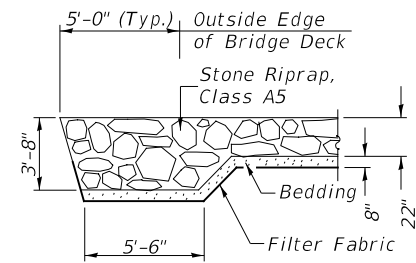
A Corrosion Inhibitor shall be used in the concrete for Precast Prestressed Concrete Deck Beams according to Articles 1020.05(b)(10) and 1021.07 of the Standard Specifications.

Reinforcement Bars designated (E) shall be epoxy coated.

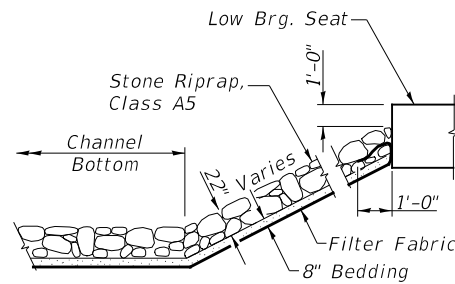
Layout of the slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.

The top surface of the beams shall be finished according to the IDOT Manual for Fabrication of Precast Prestressed Concrete Products.

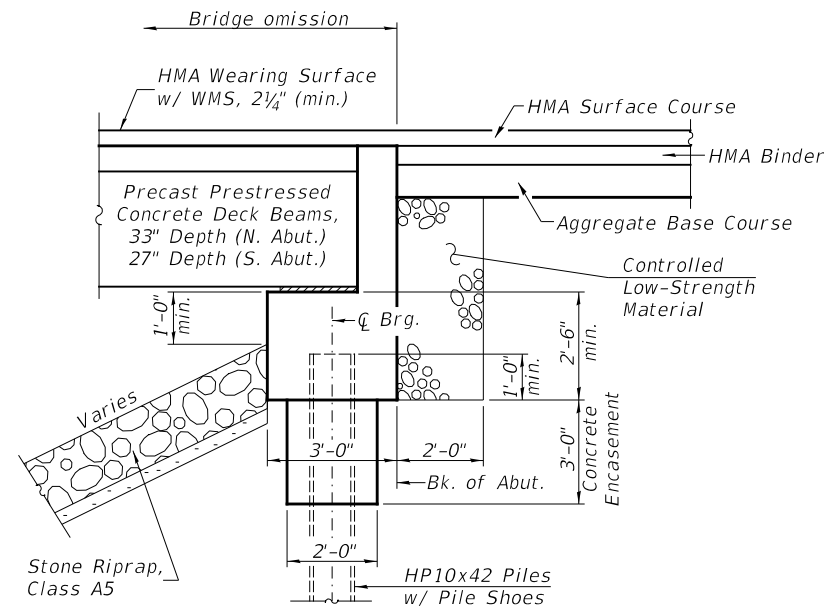
The existing structural steel coating may contain lead. The Contractor should take appropriate precautions to deal with the presence of lead on this project.



SECTION A-A



STONE RIPRAP DETAIL



SECTION THRU ABUTMENTS
(At Right Angles)

MAUVAISE TERRE CREEK
BUILT 202 BY
SCOTT COUNTY
SEC. 17-00052-00-BR
C.H. 12 STATION 20+08.00
F.A. PROJ. NO. UP13(823)
STR. NO. 086-3003 LOADING HL-93

NAME PLATE

Locate Name Plate at S.E. Wingwall
Corner of Bridge (See Std. 515001)

TOTAL BILL OF MATERIAL

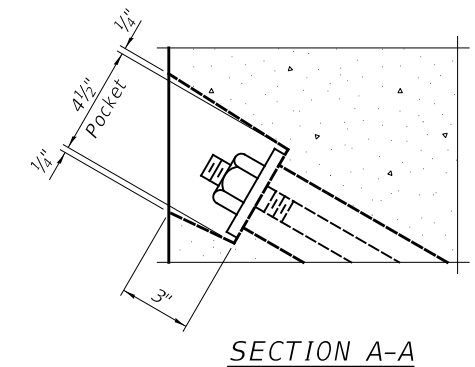
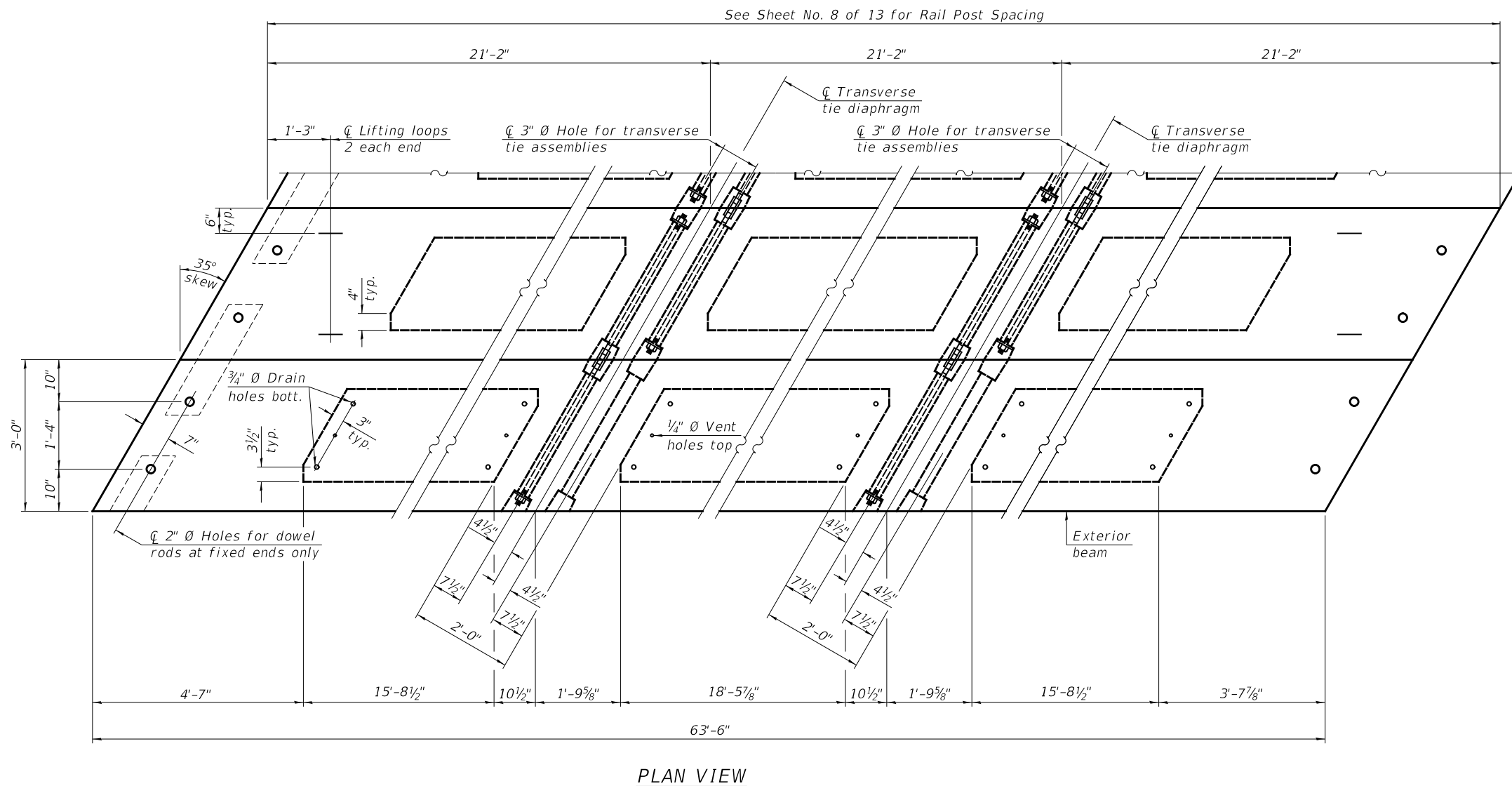
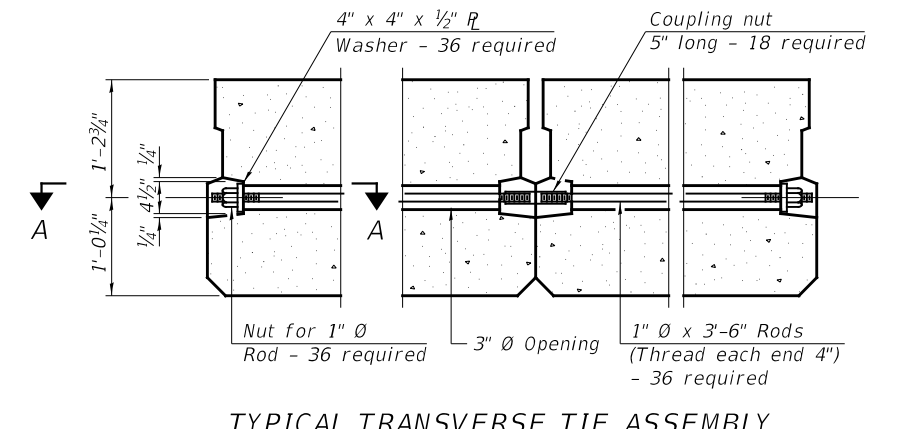
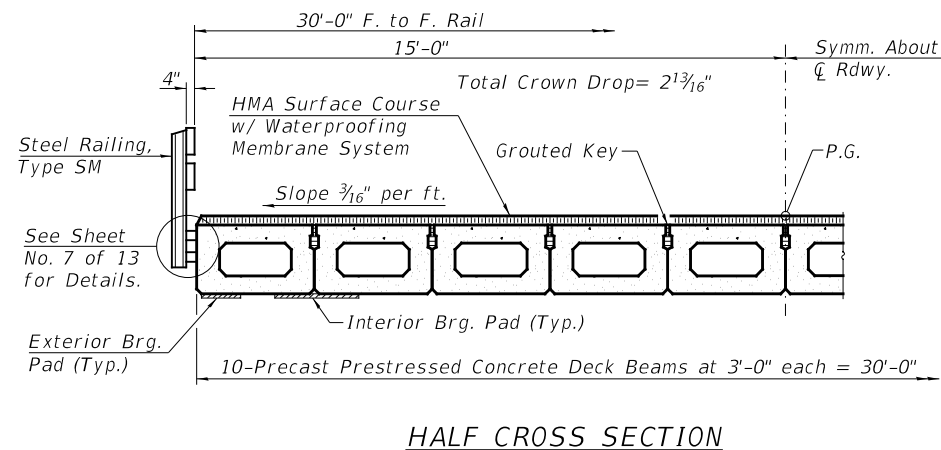
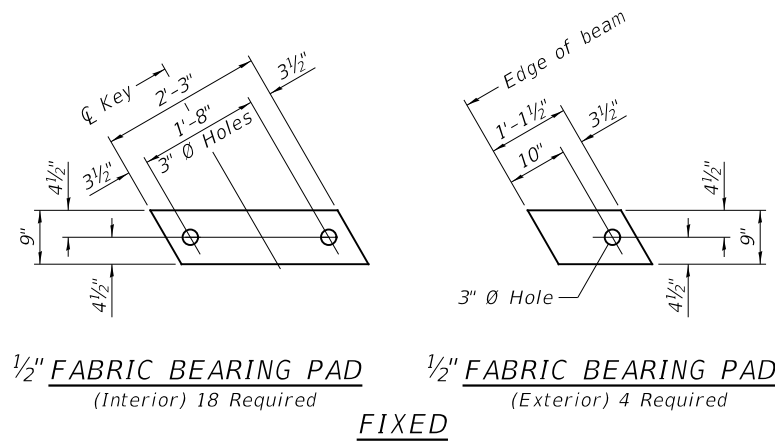
ITEM	UNIT	SUPER	SUB	TOTAL
Channel Excavation	CU YD	—	2,010	2,010
Stone Riprap, Class A5	TON	—	1,380	1,380
Filter Fabric	SQ YD	—	1,070	1,070
① Hot-Mix Asphalt Surface Course, IL-9.5, Mix "C", N50	TON	84	—	84
① Removal of Existing Structures	EACH	—	—	1
① Slope Wall Removal	SQ YD	—	624	624
Structure Excavation	CU YD	—	60	60
Cofferdam Excavation	CU YD	—	175	175
Cofferdam (Type 1) (Location-1)	EACH	—	1	1
Cofferdam (Type 1) (Location-2)	EACH	—	1	1
Concrete Structures	CU YD	—	235.5	235.5
Concrete Encasement	CU YD	—	25.0	25.0
Precast Prestressed Concrete Deck Beams (27" Depth)	SQ FT	1,905	—	1,905
Precast Prestressed Concrete Deck Beams (33" Depth)	SQ FT	4,770	—	4,770
Reinforcement Bars	POUND	—	16,710	16,710
Steel Railing, Type SM	FOOT	450	—	450
Furnishing Steel Piles HP10x42	FOOT	—	375	375
Furnishing Steel Piles HP14x73	FOOT	—	651	651
Driving Piles	FOOT	—	375	375
Test Pile Steel HP10x42	EACH	—	2	2
Pile Shoes	EACH	—	12	12
Name Plates	EACH	—	1	1
① Waterproofing Membrane System	SQ YD	750	—	750
Portland Cement Mortar Fairing Course	FOOT	500	—	500
① Controlled Low-Strength Material	CU YD	—	22.0	22.0
Drilling and Setting Piles (in Rock)	CU FT	—	412	412

① See Special Provisions

**BILL OF MATERIAL, DETAILS,
& GENERAL NOTES**

SCOTT COUNTY
SECTION 17-00052-00-BR
COUNTY HIGHWAY 12 OVER
MAUVAISE TERRE CREEK

SHEET NO. 2 13 SHEETS	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	CH 12	17-00052-00-BR	SCOTT	31	10
	S.N. 086-3003		CONTRACT NO. 93796		
FED. ROAD DIST. NO. 7 ILLINOIS			FED. AID PROJECT NO. UP13(823)		



BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Precast Prestressed Concrete Deck Beams (27" Depth)	SQ FT	1,905

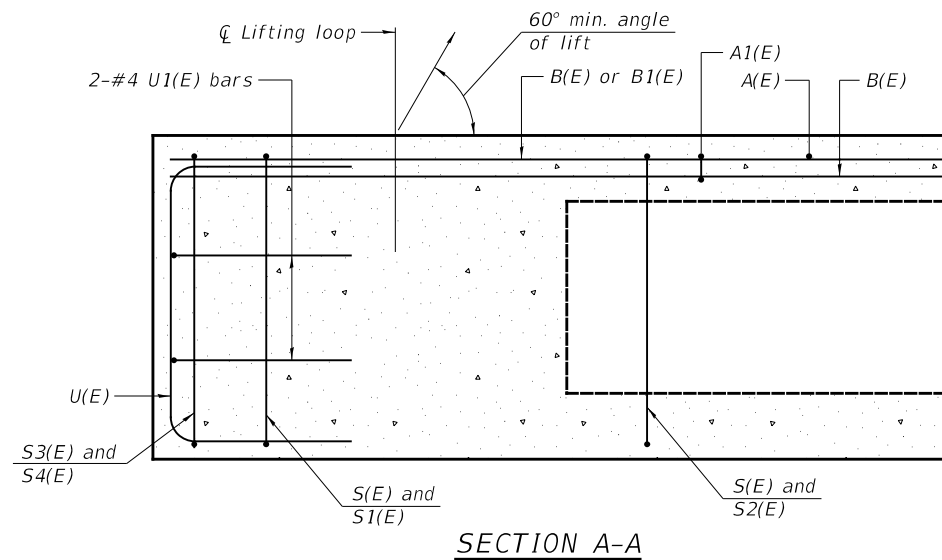
Note:
Connect beams in pairs with the transverse tie configuration shown.

NOTES

Prestressing steel shall be uncoated high strength, low relaxation 7-wire strand, Grade 270. The nominal diameter shall be 1/2" and the nominal cross-sectional area shall be 0.153 sq. in.
The 1" Ø rods in the transverse tie assembly shall be tightened to a snug fit and the threads set. Pockets on exterior faces of bridge shall be filled with grout after transverse tie assembly is in place.
Two 1/8" fabric adjusting shims of the dimensions of the exterior bearing pad shall be provided for each bearing pad location.
A minimum 2 1/2" Ø lifting pin shall be used to engage the lifting loops during handling.
Corrosion Inhibitor, per Article 1020.05(b)(10) and 1021.07 of the Standard Specifications, shall be used in the concrete for precast prestressed concrete deck beams.
Compressive strength of prestressed concrete, f'c, shall be 6000 psi.
Compressive strength of prestressed concrete at release, f'ci, shall be 5000 psi.

SUPERSTRUCTURE - SPAN 1
SCOTT COUNTY
SECTION 17-00052-00-BR
COUNTY HIGHWAY 12 OVER
MAUVAISE TERRE CREEK

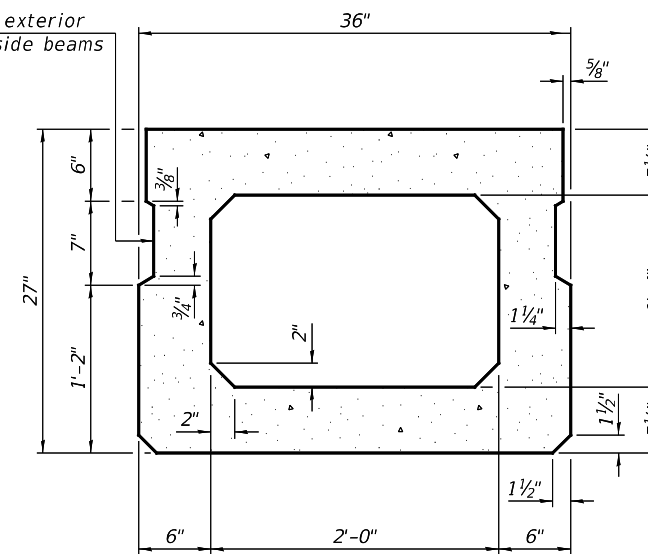
SHEET NO. 3 13 SHEETS	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	CH 12	17-00052-00-BR	SCOTT	31	11
	S.N. 086-3003		CONTRACT NO. 93796		
FED. ROAD DIST. NO. 7 ILLINOIS			FED. AID PROJECT NO. UP13(823)		



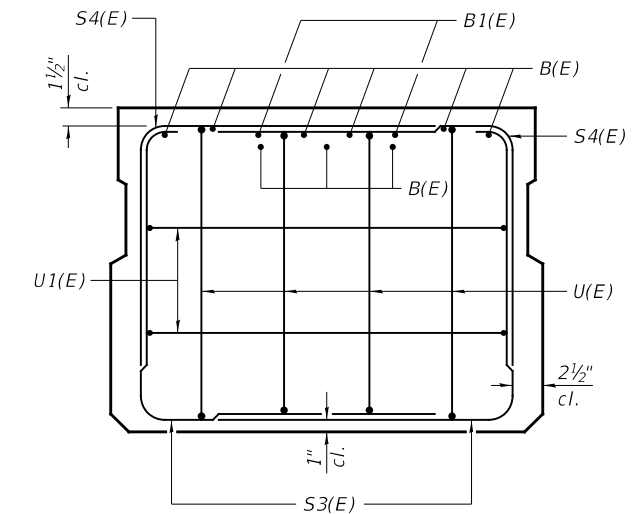
SECTION A-A

** Rail post anchor devices (Sheet 7 of 13) to be cast into exterior face of outside beams.

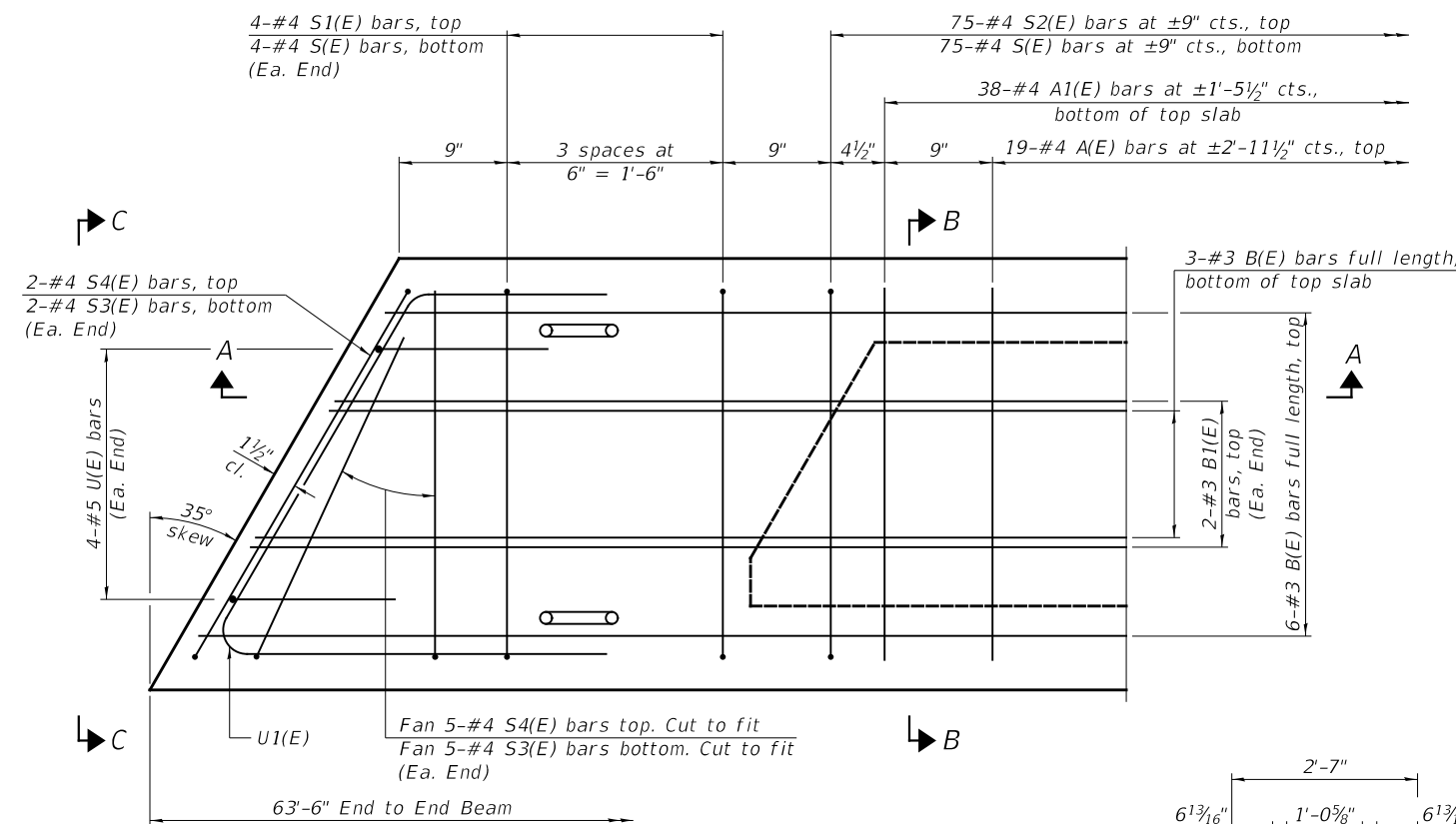
** Omit key on exterior face of outside beams



SECTION B-B
(Showing dimensions)

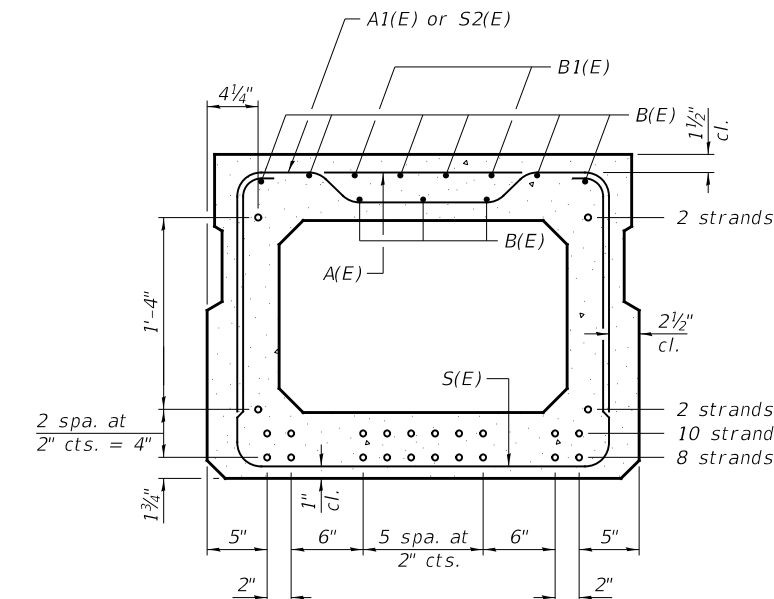


VIEW C-C



PLAN VIEW

Note: Spacing of S(E) and S2(E) bars may be adjusted up to 4" in the immediate area of the transverse tie diaphragms to miss the block outs for the transverse ties.



SECTION B-B
(Showing reinforcement and permissible strand locations)
22-1/2" Ø Strands Each Strand Stressed to 30,900 Lbs.
8-Strands 1 3/4" up, 10-Strands 3 3/4" up,
2-Strands 5 3/4" up, 2-Strands 21 3/4" up
Note: Place the number of strands specified in each row symmetrically about the centerline of beam in the permissible strand locations shown.

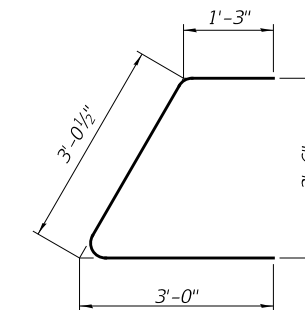
BAR LIST
ONE BEAM ONLY
(For information only)

BAR	NO.	SIZE	LENGTH	SHAPE
A(E)	19	#4	2'-7"	—
A1(E)	38	#4	2'-10"	—
B(E)	9	#3	*63'-3"	—
B1(E)	4	#3	10'-0"	—
S(E)	83	#4	7'-5"	⌋
S1(E)	8	#4	5'-11"	⌋
S2(E)	75	#4	6'-2"	⌋
S3(E)	14	#4	5'-2"	⌋
S4(E)	14	#4	4'-5"	⌋
U(E)	8	#5	4'-6"	⌋
U1(E)	4	#4	7'-4"	⌋

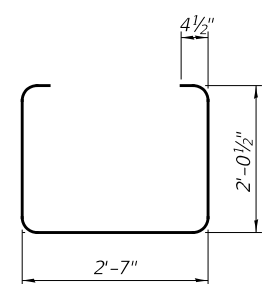
Note: See Sheet No. 3 of 13 for additional details and Bill of Material.

*Total length, lap as necessary.

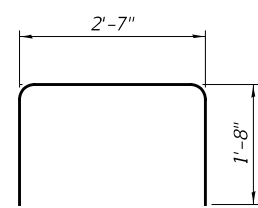
MINIMUM BAR LAP
#3 bar = 1'-6"



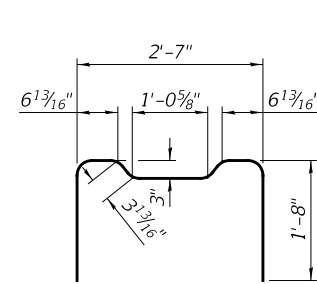
BAR U1(E)



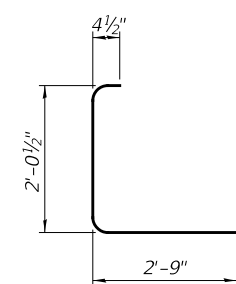
BAR S(E)



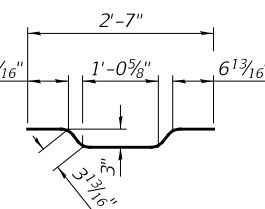
BAR S1(E)



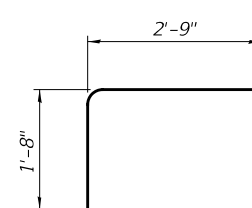
BAR S2(E)



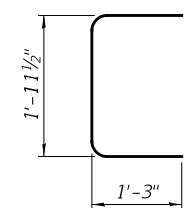
BAR S3(E)



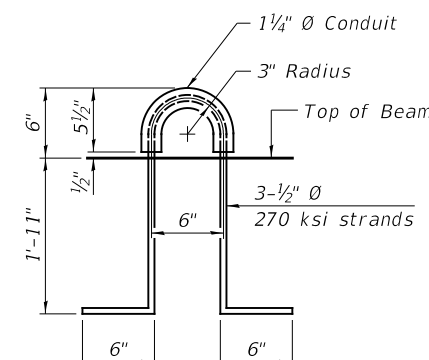
BAR A1(E)



BAR S4(E)



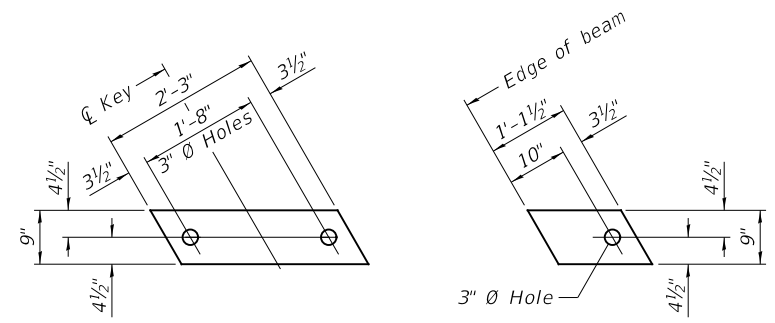
BAR U(E)



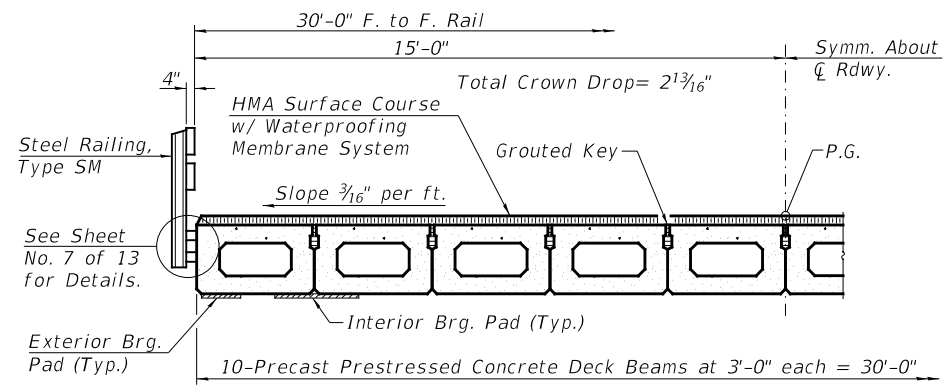
LIFTING LOOP DETAIL

SUPERSTRUCTURE DETAILS - SPAN 1
SCOTT COUNTY
SECTION 17-00052-00-BR
COUNTY HIGHWAY 12 OVER
MAUVAISE TERRE CREEK

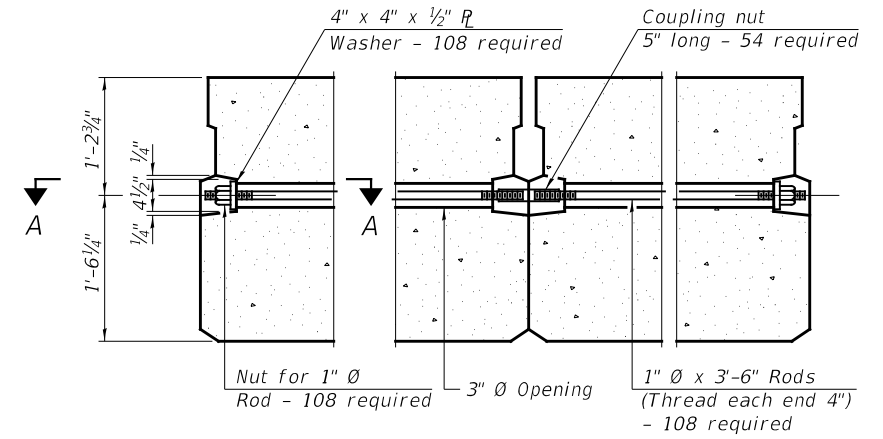
SHEET NO. 4 13 SHEETS	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	CH 12	17-00052-00-BR	SCOTT	31	12
	S.N. 086-3003		CONTRACT NO. 93796		
FED. ROAD DIST. NO. 7 ILLINOIS			FED. AID PROJECT NO. UP13(823)		



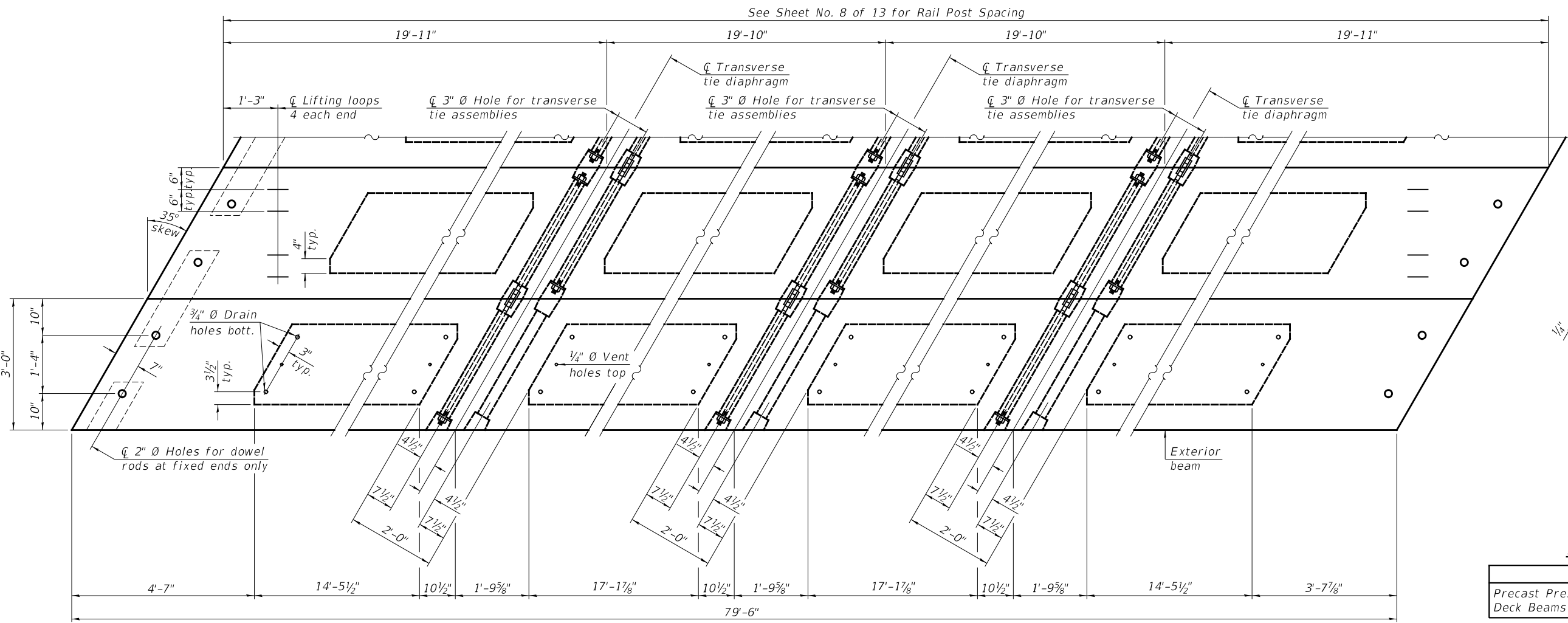
1/2" FABRIC BEARING PAD
(Interior) 36 Required
1/2" FABRIC BEARING PAD
(Exterior) 8 Required
FIXED



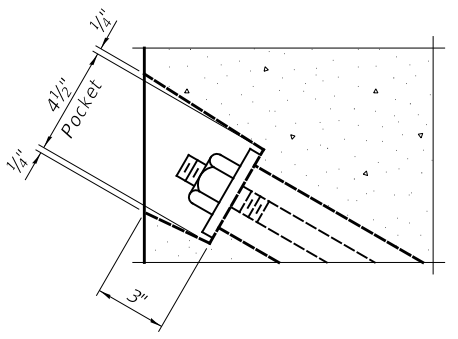
HALF CROSS SECTION



TYPICAL TRANSVERSE TIE ASSEMBLY



PLAN VIEW



SECTION A-A

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Precast Prestressed Concrete Deck Beams (33" Depth)	SQ FT	4,770

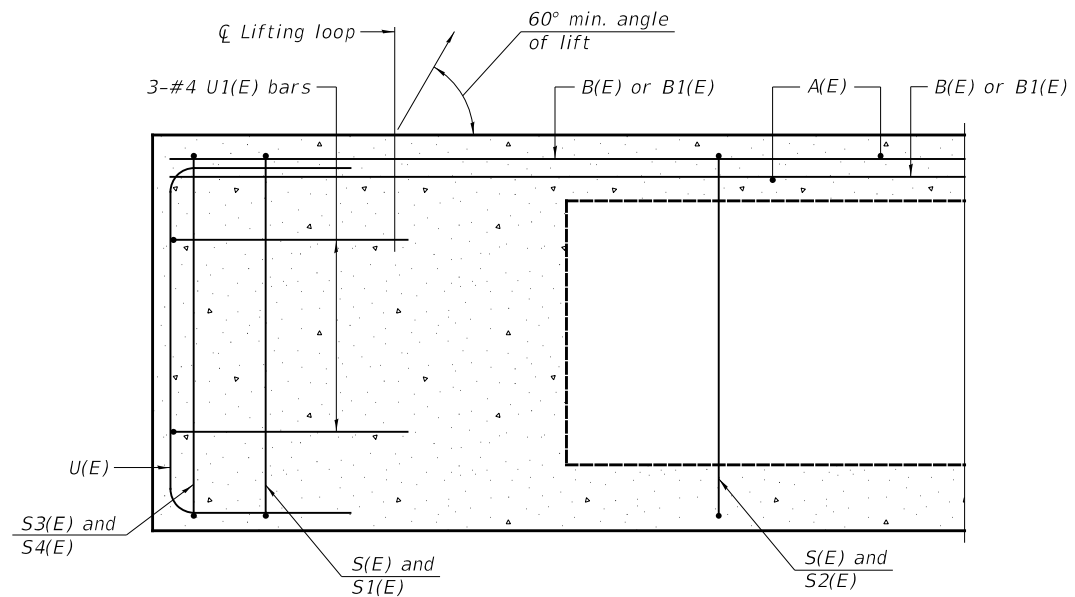
Note:
Connect beams in pairs with the transverse tie configuration shown.

NOTES

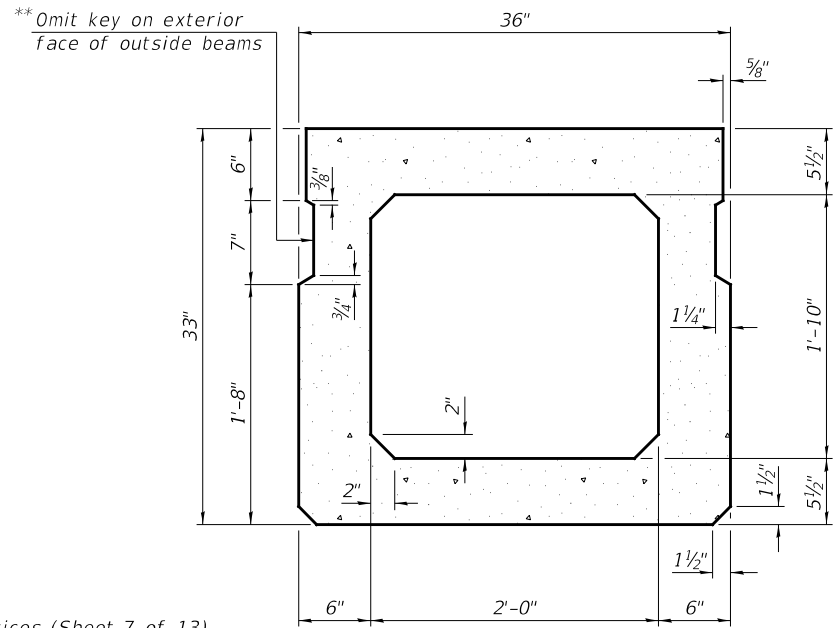
Prestressing steel shall be uncoated high strength, low relaxation 7-wire strand, Grade 270. The nominal diameter shall be 1/2" and the nominal cross-sectional area shall be 0.153 sq. in.
The 1" Ø rods in the transverse tie assembly shall be tightened to a snug fit and the threads set. Pockets on exterior faces of bridge shall be filled with grout after transverse tie assembly is in place.
Two 1/8" fabric adjusting shims of the dimensions of the exterior bearing pad shall be provided for each bearing pad location.
A minimum 2 1/2" Ø lifting pin shall be used to engage the lifting loops during handling.
Corrosion Inhibitor, per Article 1020.05(b)(10) and 1021.07 of the Standard Specifications, shall be used in the concrete for precast prestressed concrete deck beams.
Compressive strength of prestressed concrete, f'c, shall be 6000 psi.
Compressive strength of prestressed concrete at release, f'ci, shall be 5000 psi.

SUPERSTRUCTURE - SPANS 2 & 3
SCOTT COUNTY
SECTION 17-00052-00-BR
COUNTY HIGHWAY 12 OVER
MAUVAISE TERRE CREEK

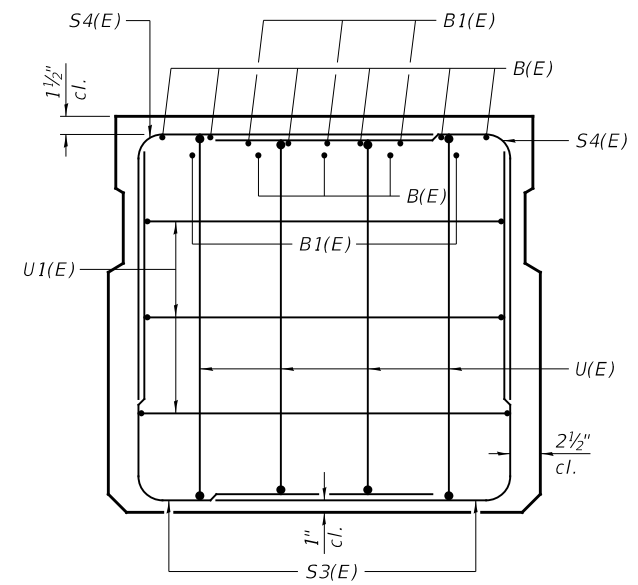
SHEET NO.	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5	CH 12	17-00052-00-BR	SCOTT	31	13
13 SHEETS	S.N. 086-3003		CONTRACT NO. 93796		
FED. ROAD DIST. NO. 7 ILLINOIS			FED. AID PROJECT NO. UP13(823)		



SECTION A-A

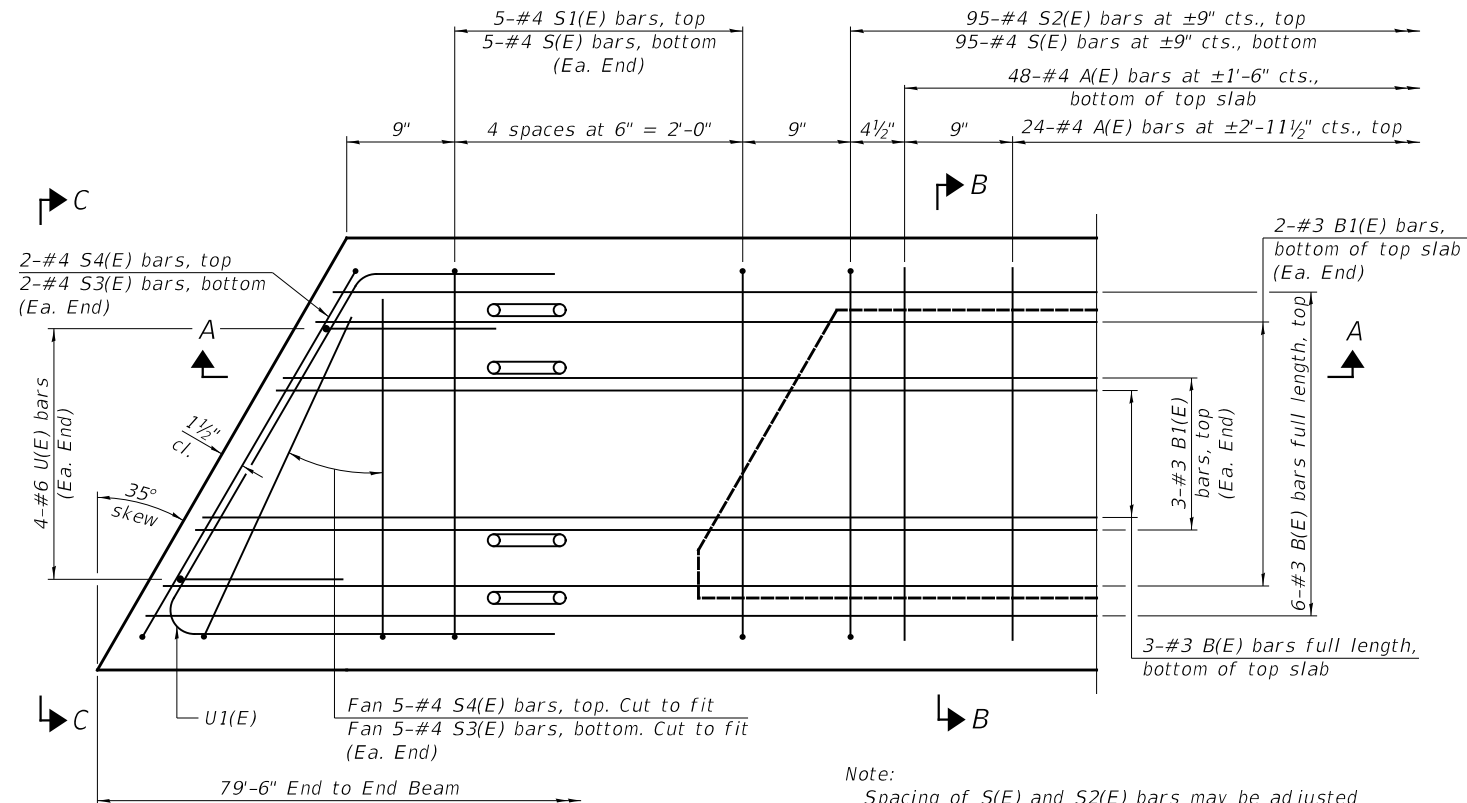


SECTION B-B
(Showing dimensions)



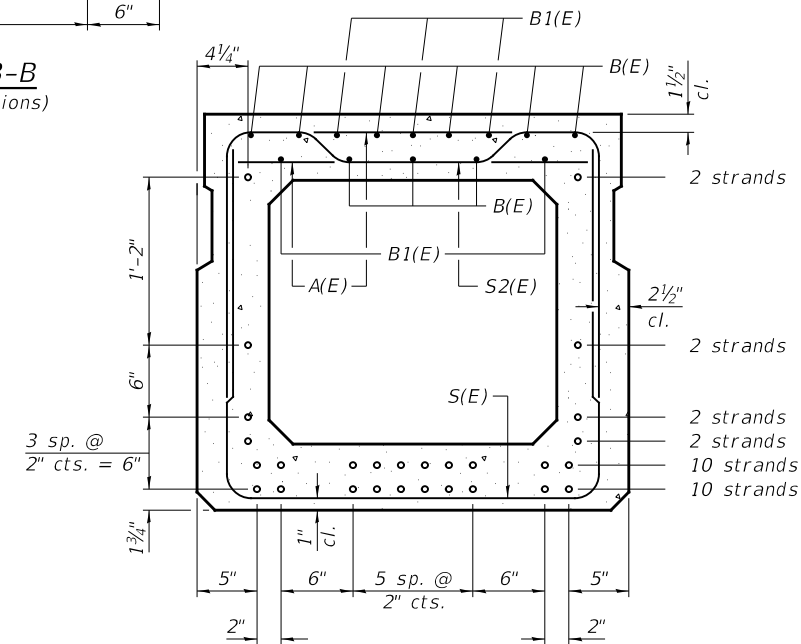
VIEW C-C

**Rail post anchor devices (Sheet 7 of 13) to be cast into exterior face of outside beams.



PLAN VIEW

Note: Spacing of S(E) and S2(E) bars may be adjusted up to 4" in the immediate area of the transverse tie diaphragms to miss the block outs for the transverse ties.



SECTION B-B

(Showing reinforcement and permissible strand locations)
28-1/2" Ø Strands Each Strand Stressed to 30,900 Lbs.
10-Strands 1 3/4" up, 10-Strands 3 3/4" up, 2-Strands 5 3/4" up,
2-Strands 7 3/4" up, 2-Strands 13 3/4" up, 2-Strands 27 3/4" up
Note: Place the number of strands specified in each row symmetrically about the centerline of beam in the permissible strand locations shown.

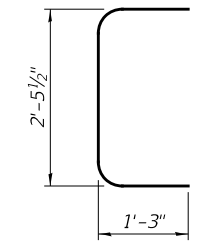
BAR LIST
ONE BEAM ONLY
(For information only)

BAR	NO.	SIZE	LENGTH	SHAPE
A(E)	72	#4	2'-7"	—
B(E)	9	#3	*79'-3"	—
B1(E)	10	#3	10'-0"	—
S(E)	105	#4	7'-8"	┌
S1(E)	10	#4	6'-5"	┌
S2(E)	95	#4	6'-8"	┌
S3(E)	14	#4	5'-4"	┌
S4(E)	14	#4	4'-8"	┌
U(E)	8	#6	5'-0"	┌
U1(E)	6	#4	7'-4"	┌

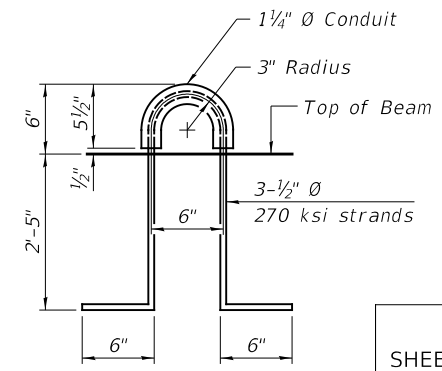
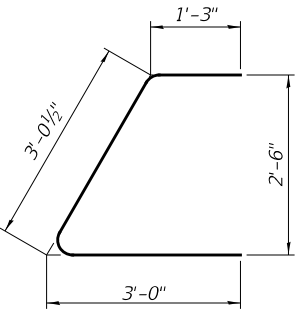
Note: See Sheet No. 5 of 13 for additional details and Bill of Material.

*Total length, lap as necessary.

MINIMUM BAR LAP
#3 bar = 1'-6"



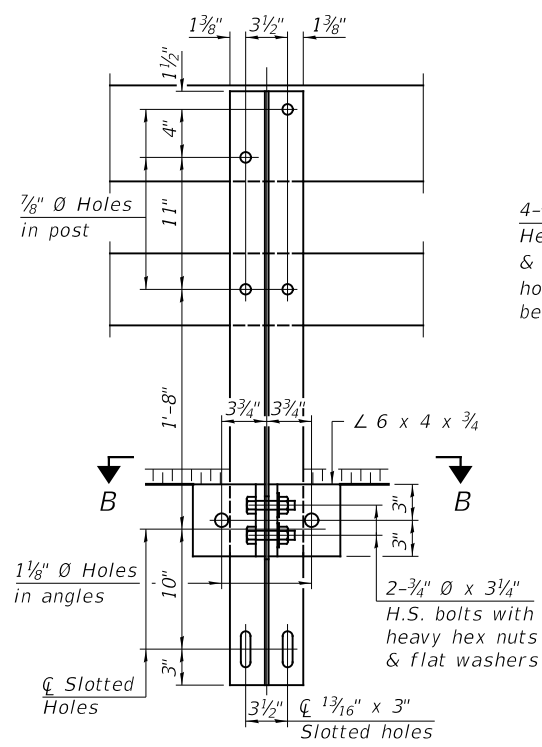
BAR U(E)



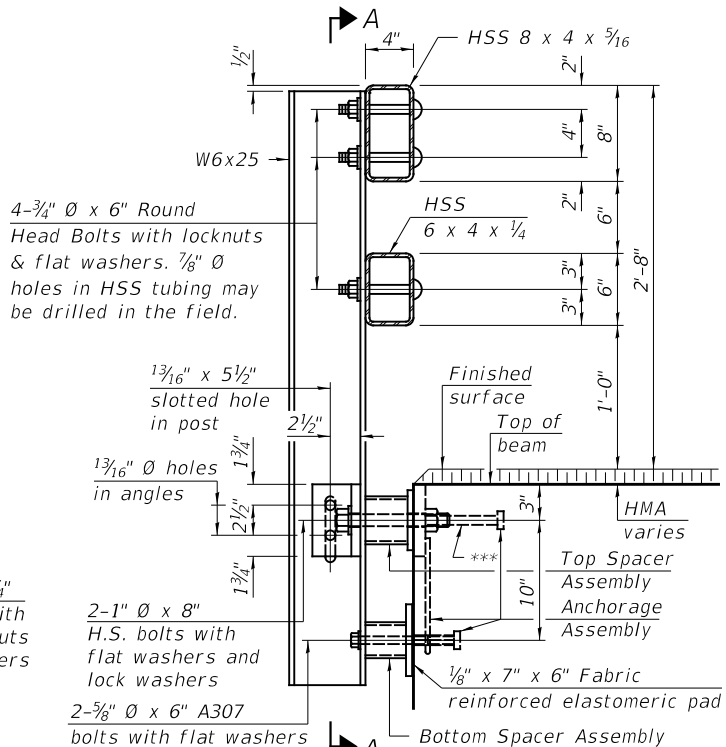
LIFTING LOOP DETAIL

SUPERSTRUCTURE DETAILS - SPANS 2 & 3
SCOTT COUNTY
SECTION 17-00052-00-BR
COUNTY HIGHWAY 12 OVER
MAUVAISE TERRE CREEK

SHEET NO. 6 13 SHEETS	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	CH 12	17-00052-00-BR	SCOTT	31	14
	S.N. 086-3003		CONTRACT NO. 93796		
FED. ROAD DIST. NO. 7 ILLINOIS			FED. AID PROJECT NO. UP13(823)		

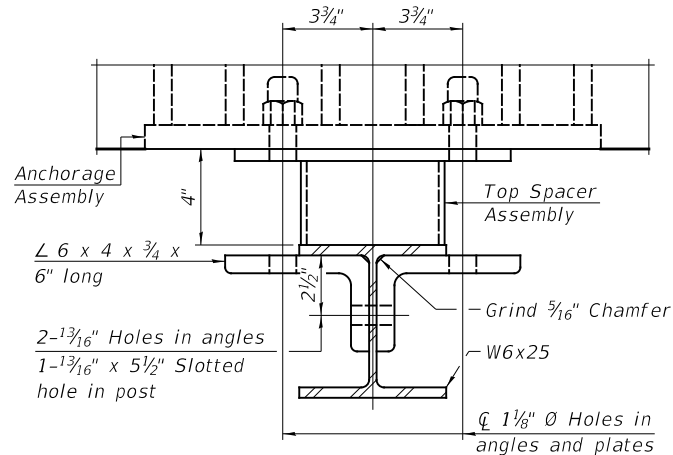


SECTION A-A

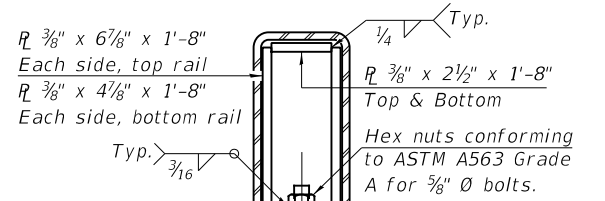


SECTION AT RAIL POST

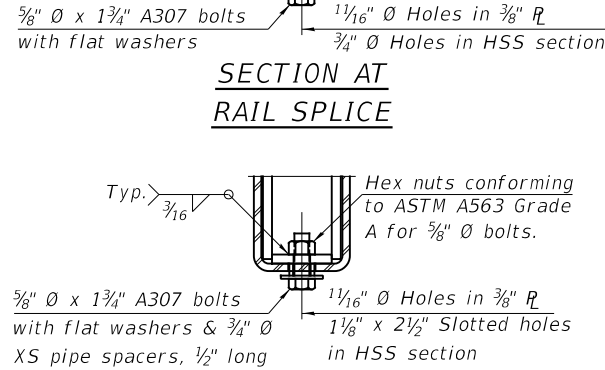
*** The outermost longitudinal reinforcement bar shall be placed directly above the studs of the rail post anchorage assembly.



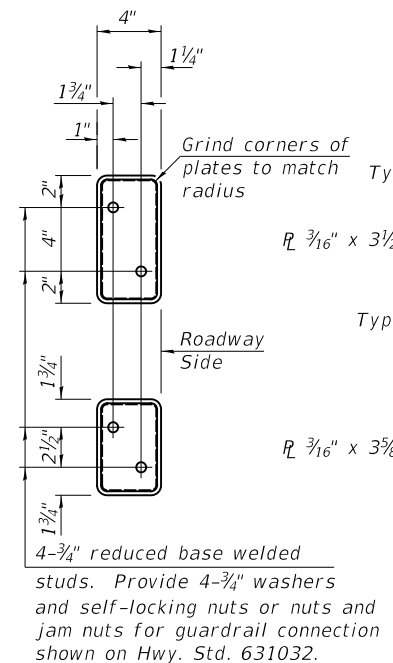
SECTION B-B



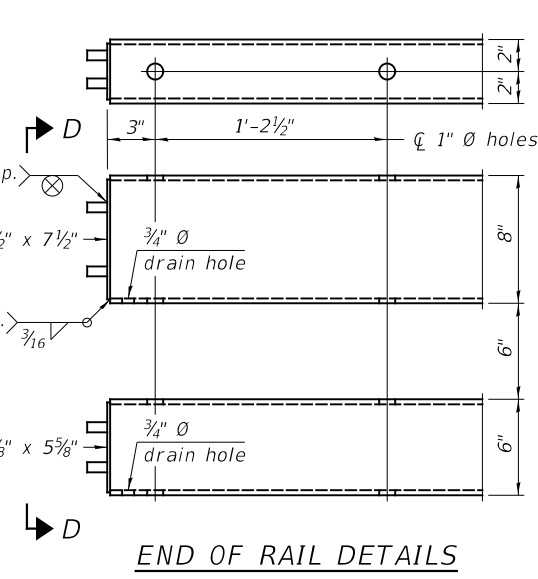
SECTION AT RAIL SPLICE



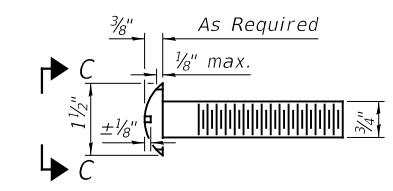
RAIL SPLICE CONNECTION AT EXPANSION JT.



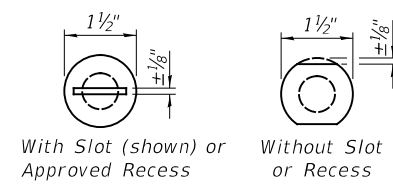
VIEW D-D



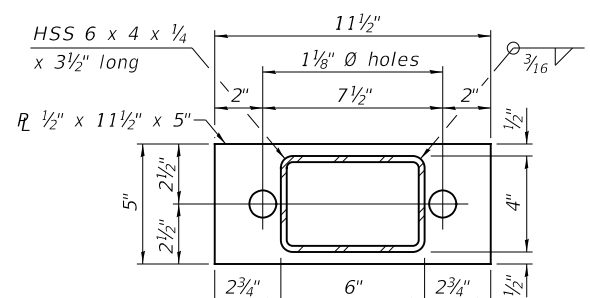
END OF RAIL DETAILS



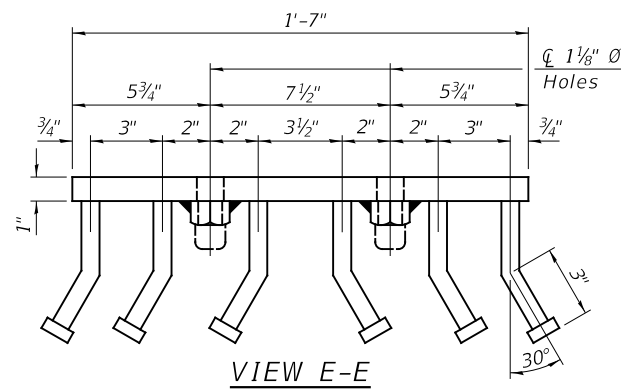
ROUND HEAD BOLT DETAIL



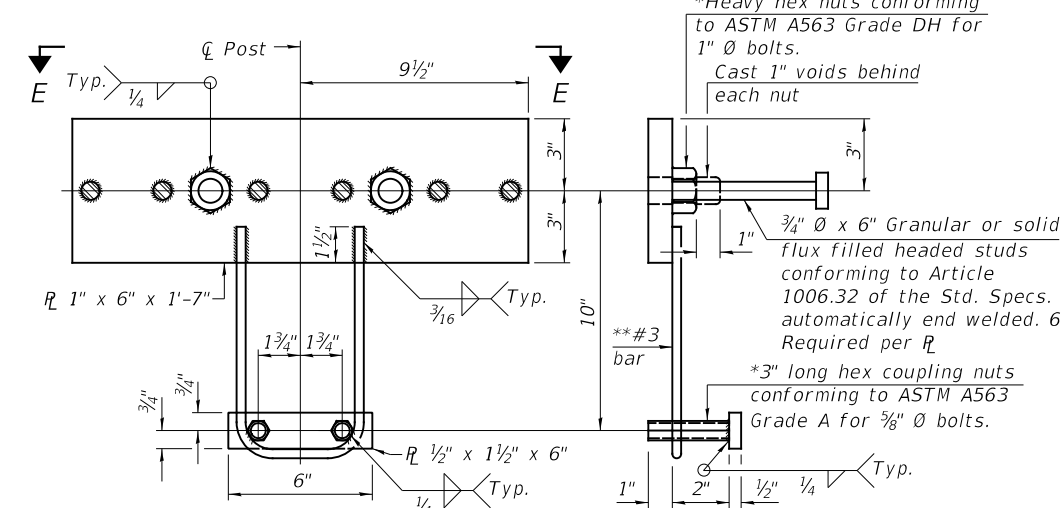
VIEW C-C



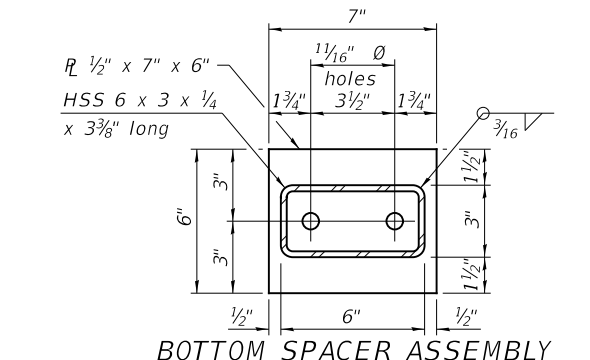
TOP SPACER ASSEMBLY



VIEW E-E



ANCHORAGE ASSEMBLY



BOTTOM SPACER ASSEMBLY

Notes:
 All field drilled holes shall be coated with an approved zinc rich paint before erection.
 A sufficient number of shims of various thicknesses, sized to fit behind the top spacer assembly, 5" x 11 1/2", and bottom spacer assembly, 6" x 7", shall be provided to adjust posts for proper alignment. If the summation of shims is greater than 1/4" (top) or 1/2" (bottom), longer bolts are required. Cost included with Steel Railing, Type SM.
 All steel rail elements including shims shall be galvanized according to Article 509.05 of the Standard Specifications.
 All HSS tubing serving as railing shall be CVN tested according to Article 1006.34(b) of the Standard Specifications.
 Rail splice inserts may be built out of 2 - 3/8" 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.

4643-b007.dwg/8/2022 \$TIMES

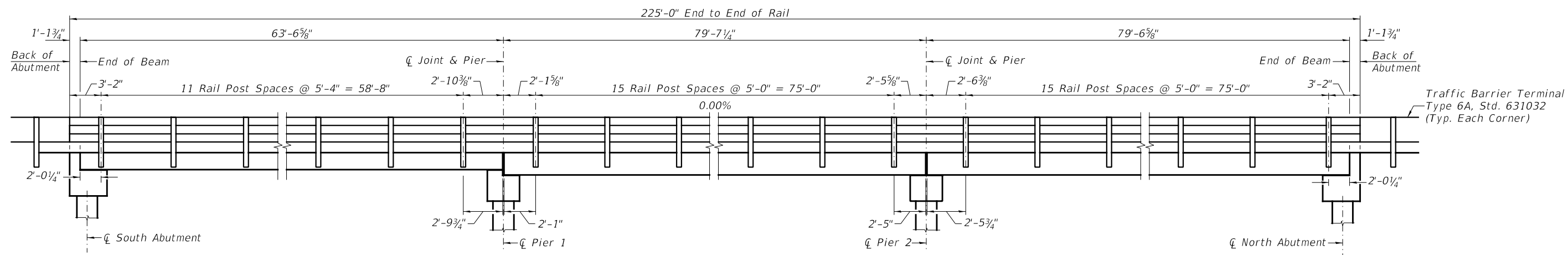
BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Steel Railing, Type SM	FOOT	450

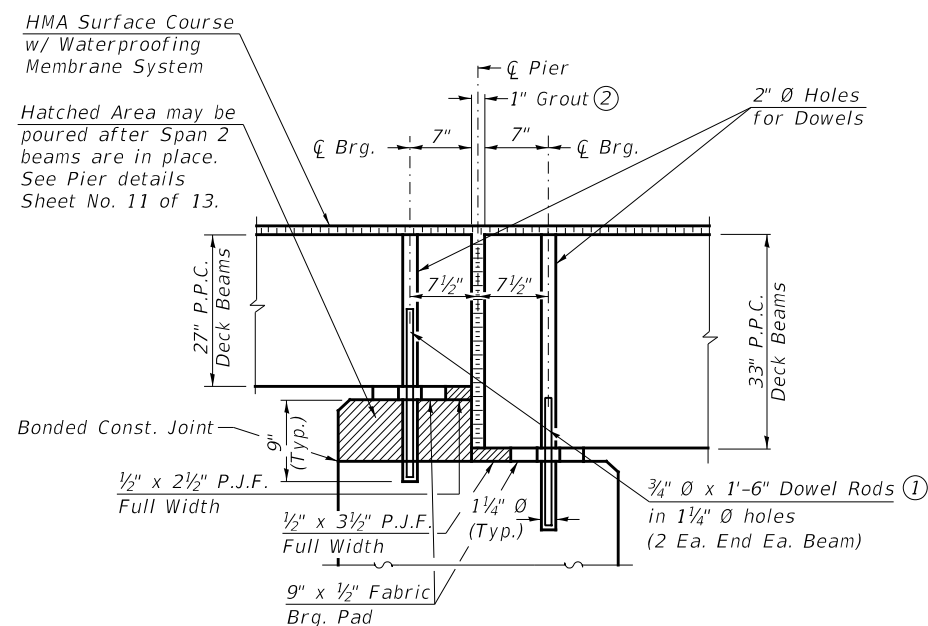
* Threaded areas shall be plugged or blocked off during casting of concrete.
 ** Whenever the lower insert assemblies interfere with strand locations, the #3 bars shall be cut and adjusted in order to allow raising or lowering of the lower inserts. Maximum adjustment not to exceed 1/2".

SHEET NO. 7 13 SHEETS	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	CH 12	17-00052-00-BR	SCOTT	31	15
	S.N. 086-3003		CONTRACT NO. 93796		
FED. ROAD DIST. NO. 7 ILLINOIS			FED. AID PROJECT NO. UP13(823)		

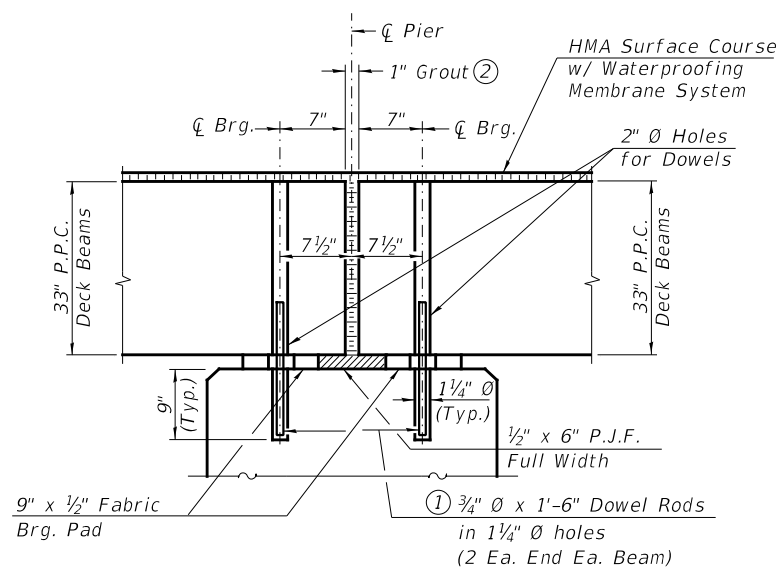
STEEL RAILING, TYPE SM
 SCOTT COUNTY
 SECTION 17-00052-00-BR
 COUNTY HIGHWAY 12 OVER
 MAUVAISE TERRE CREEK



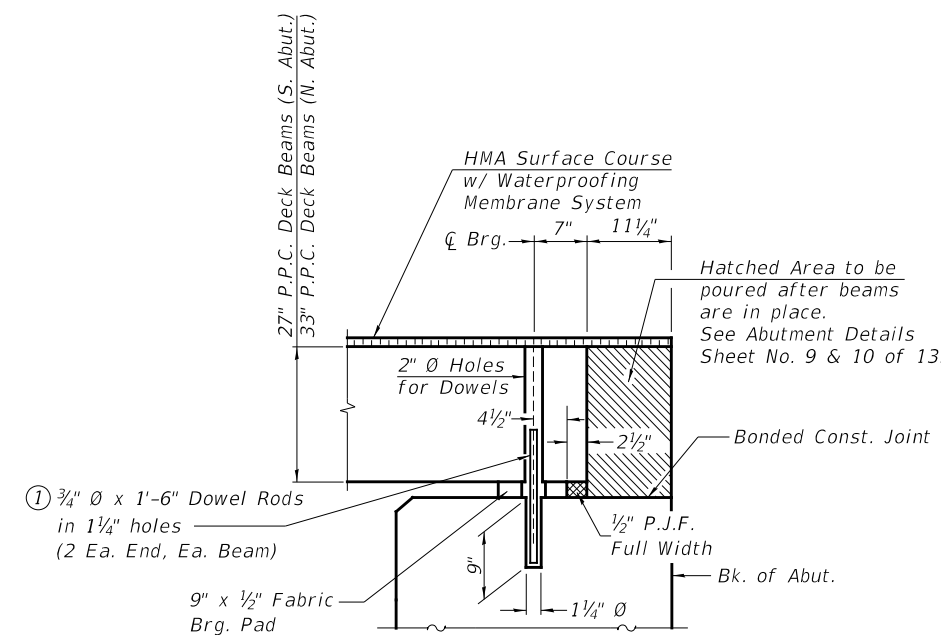
RAIL POST SPACING



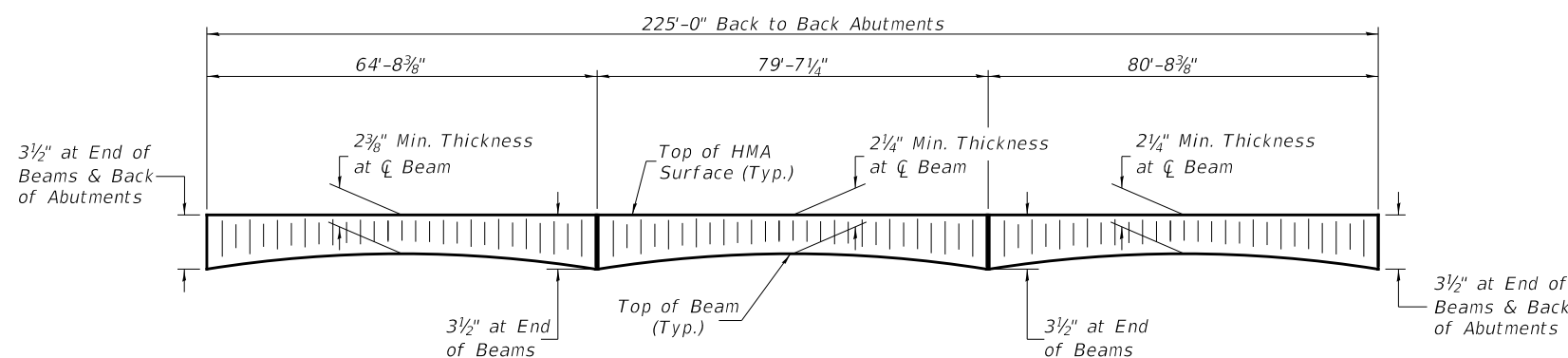
SECTION THRU PIER (PIER #1)
(At Right Angles)



SECTION THRU PIER (PIER #2)
(At Right Angles)



SECTION THRU ABUTMENTS
(At Right Angles)

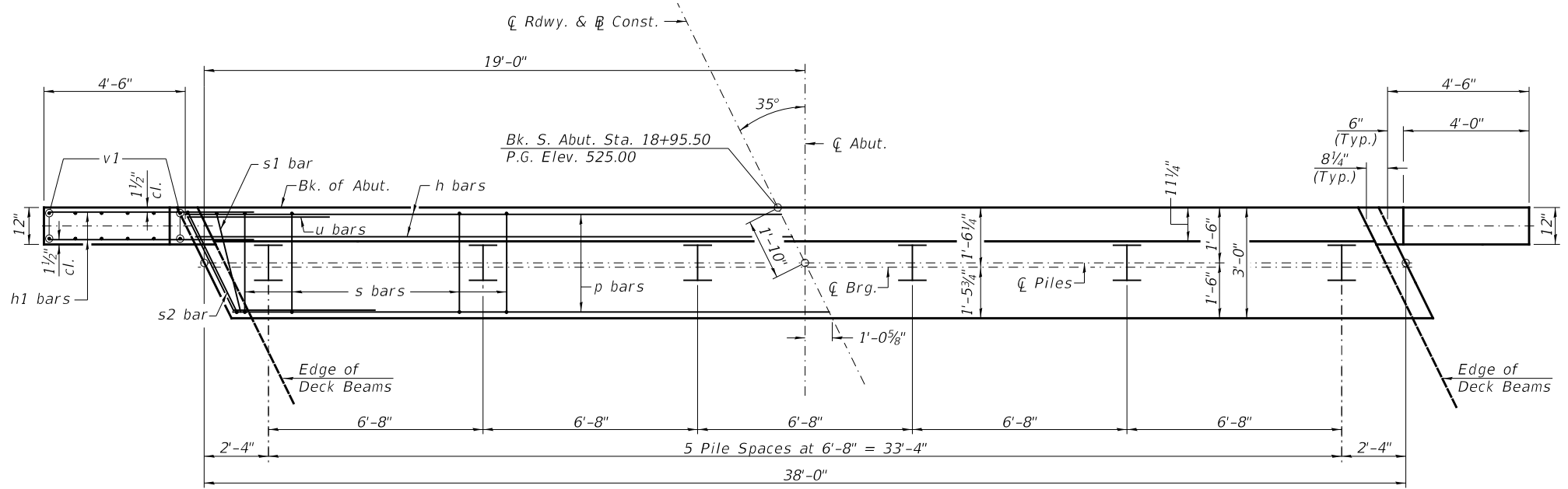


ANTICIPATED HMA SURFACE PROFILE
Includes Waterproofing Membrane System (± 3/4")

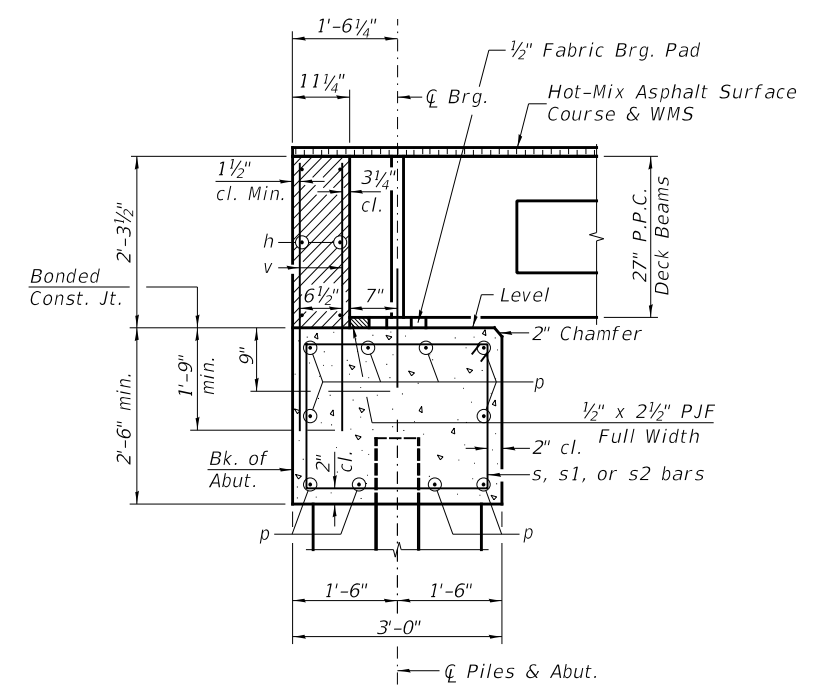
- ① Dowel Rods to be grouted after beams are in place and allowed to cure (Min. 24 hr.) prior to grouting the shear keys.
- ② 1" Joint shall be packed with a very dry mix of 2:1 sand and P.C. mortar. 1" Dimension may vary plus or minus to accommodate tolerance in beam lengths.

RAIL POST SPACING AND SUPERSTRUCTURE DETAILS
SCOTT COUNTY
SECTION 17-00052-00-BR
COUNTY HIGHWAY 12 OVER MAUVAISE TERRE CREEK

SHEET NO. 8 13 SHEETS	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	CH 12	17-00052-00-BR	SCOTT	31	16
	S.N. 086-3003		CONTRACT NO. 93796		
FED. ROAD DIST. NO. 7 ILLINOIS			FED. AID PROJECT NO. UP13(823)		



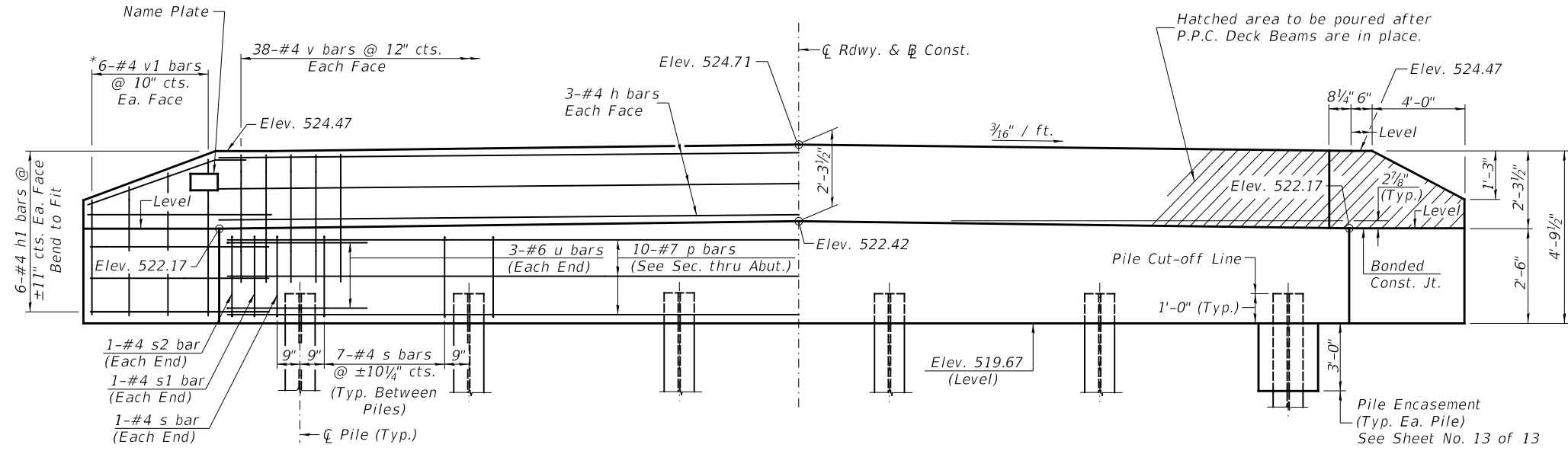
PLAN



SECTION THRU ABUT.
(At Right Angles)

**SOUTH ABUTMENT
BILL OF MATERIAL**

BAR NO.	SIZE	LENGTH	SHAPE
h	#4	37'-9"	—
h1	#4	6'-6"	—
p	#7	37'-9"	—
s	#4	10'-5"	□
s1	#4	7'-10"	□
s2	#4	8'-8"	□
u	#6	12'-2"	□
v	#4	4'-0"	—
v1	#4	7'-9"	—
Structure Excavation			CU YD 20
Concrete Structures			CU YD 15.5
Concrete Encasement			CU YD 2.1
Reinforcement Bars			POUND 1,680
Furnishing Steel Piles HP10x42			FOOT 175
Driving Piles			FOOT 175
Test Pile Steel HP10x42			EACH 1
Pile Shoes			EACH 6
Name Plates			EACH 1



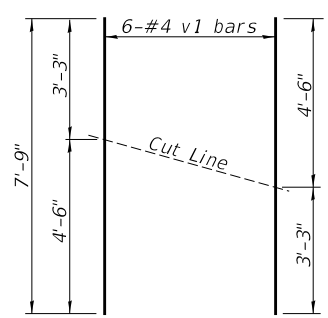
ELEVATION
(Front View of Abutment)

PILE DATA

Type & Size: Steel HP10x42 w/ Pile Shoes
 Nominal Required Bearing: 335 kips
 Factored Resistance Available: 184 kips
 Est. Length: 35'
 No. Req'd.: 6 (Includes 1 Test Pile)

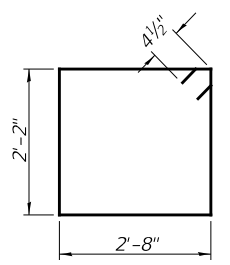
NOTES

- The Backwall and the portion of the Wingwalls above the bonded construction joint shall be cast against the in-place beam.
- All edges shall have standard 3/4" chamfer.

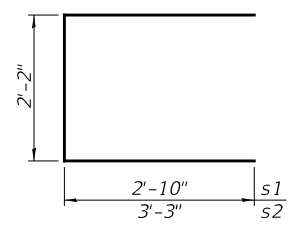


BAR CUTTING DIAGRAM

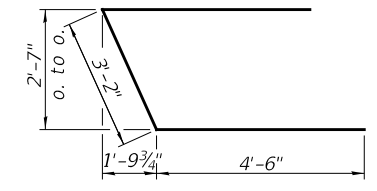
*Order v1 bars full length. Cut as shown and use remainder of bars in opposite face.



BAR s



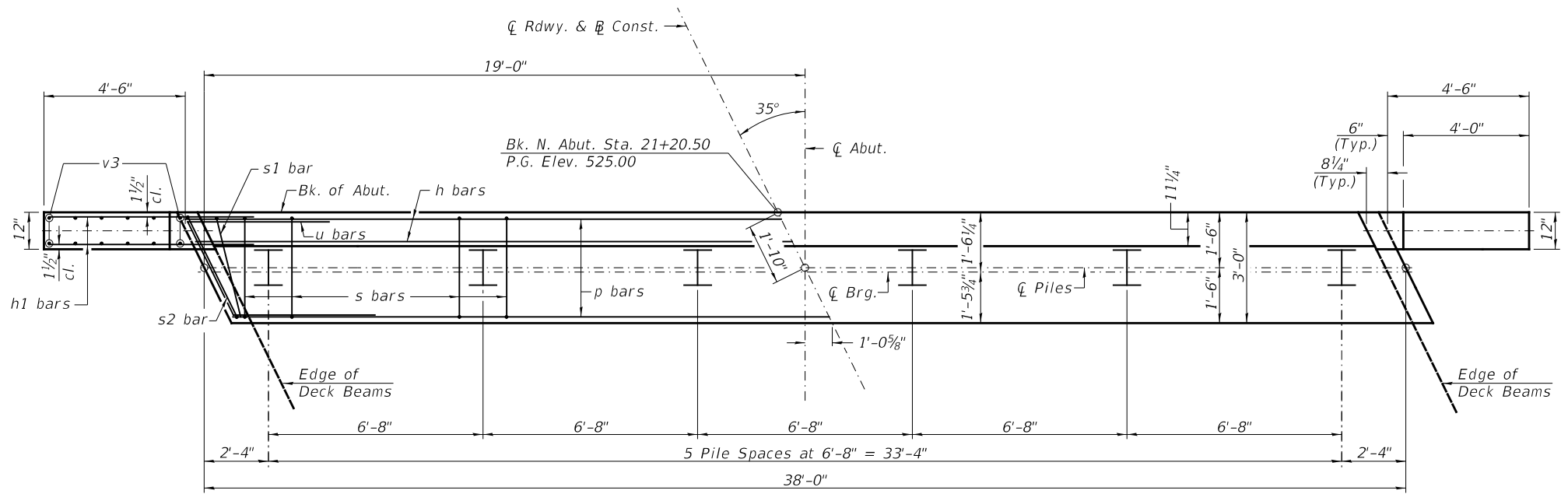
BAR s1 & s2



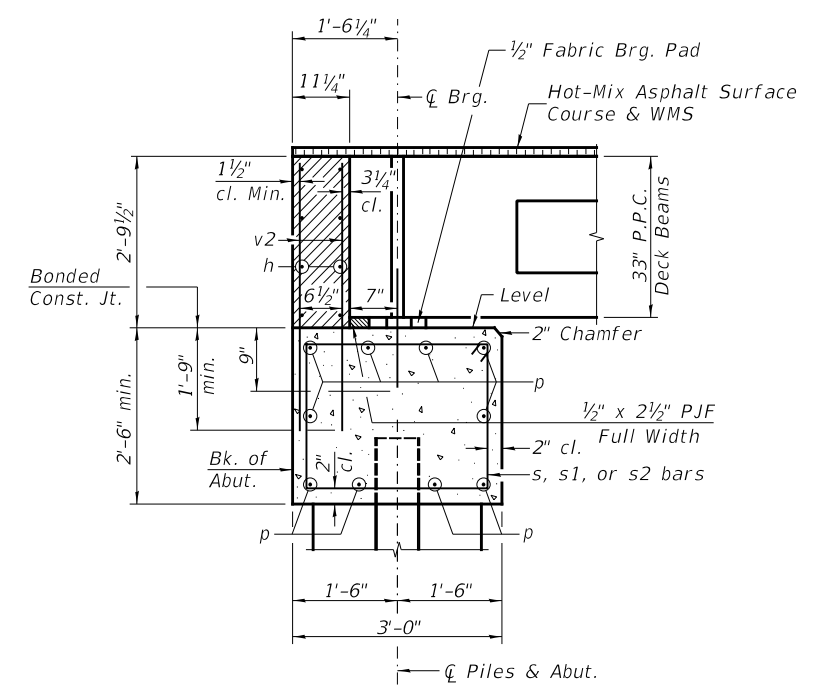
BAR u

**SOUTH ABUTMENT
SCOTT COUNTY
SECTION 17-00052-00-BR
COUNTY HIGHWAY 12 OVER
MAUVAISE TERRE CREEK**

SHEET NO. 9 13 SHEETS	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	CH 12	17-00052-00-BR	SCOTT	31	17
	S.N. 086-3003		CONTRACT NO. 93796		
FED. ROAD DIST. NO. 7 ILLINOIS			FED. AID PROJECT NO. UP13(823)		



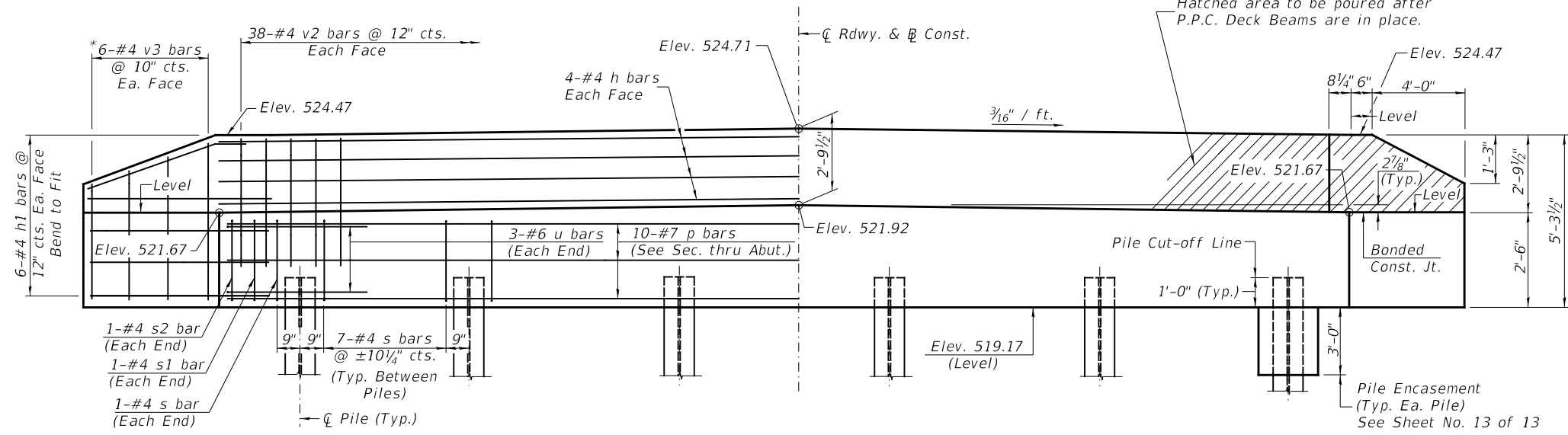
PLAN



SECTION THRU ABUT.
(At Right Angles)

**NORTH ABUTMENT
BILL OF MATERIAL**

BAR NO.	SIZE	LENGTH	SHAPE
h	#4	37'-9"	—
h1	#4	6'-6"	—
p	#7	37'-9"	—
s	#4	10'-5"	□
s1	#4	7'-10"	□
s2	#4	8'-8"	□
u	#6	12'-2"	□
v2	#4	4'-6"	—
v3	#4	8'-9"	—
Structure Excavation			CU YD 40
Concrete Structures			CU YD 16.3
Concrete Encasement			CU YD 2.1
Reinforcement Bars			POUND 1,770
Furnishing Steel Piles HP10x42			FOOT 200
Driving Piles			FOOT 200
Test Pile Steel HP10x42			EACH 1
Pile Shoes			EACH 6



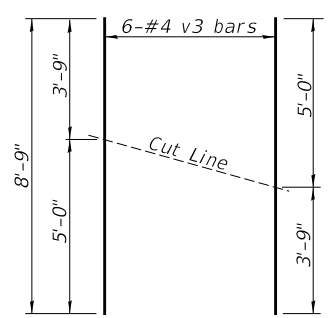
ELEVATION
(Front View of Abutment)

PILE DATA

Type & Size: Steel HP10x42 w/ Pile Shoes
 Nominal Required Bearing: 335 kips
 Factored Resistance Available: 184 kips
 Est. Length: 40'
 No. Req'd.: 6 (Includes 1 Test Pile)

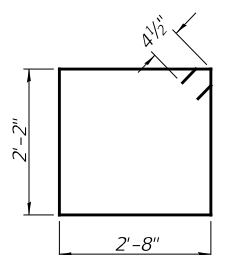
NOTES

- The Backwall and the portion of the Wingwalls above the bonded construction joint shall be cast against the in-place beam.
- All edges shall have standard 3/4" chamfer.

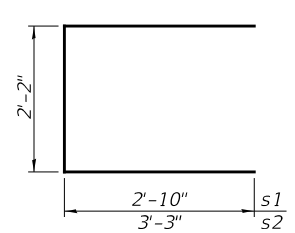


BAR CUTTING DIAGRAM

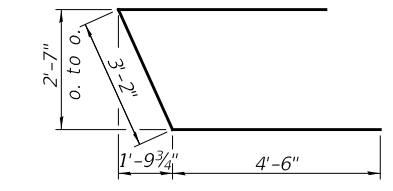
*Order v3 bars full length. Cut as shown and use remainder of bars in opposite face.



BAR s



BAR s1 & s2



BAR u

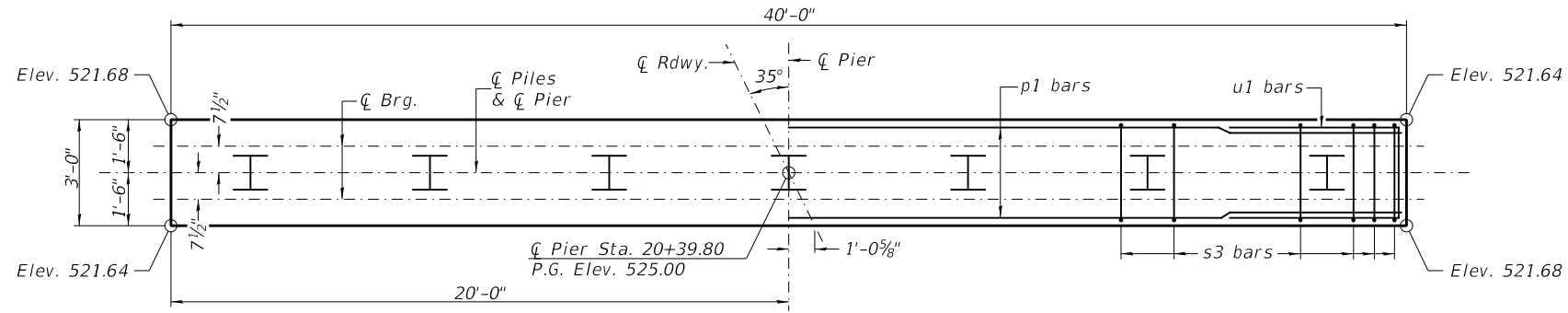
**NORTH ABUTMENT
SCOTT COUNTY
SECTION 17-00052-00-BR
COUNTY HIGHWAY 12 OVER
MAUVAISE TERRE CREEK**

SHEET NO. 10 13 SHEETS	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	CH 12	17-00052-00-BR	SCOTT	31	18
	S.N. 086-3003		CONTRACT NO. 93796		
FED. ROAD DIST. NO. 7 ILLINOIS			FED. AID PROJECT NO. UP13(823)		

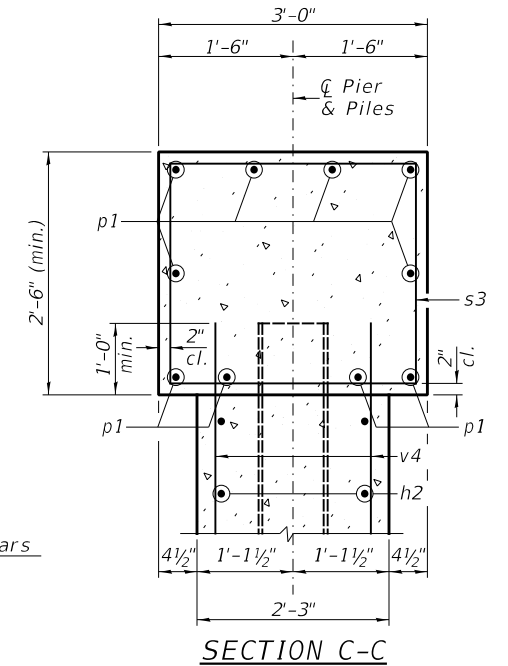
4643-b010.dwg/8/2022 \$TIMES

NOTES

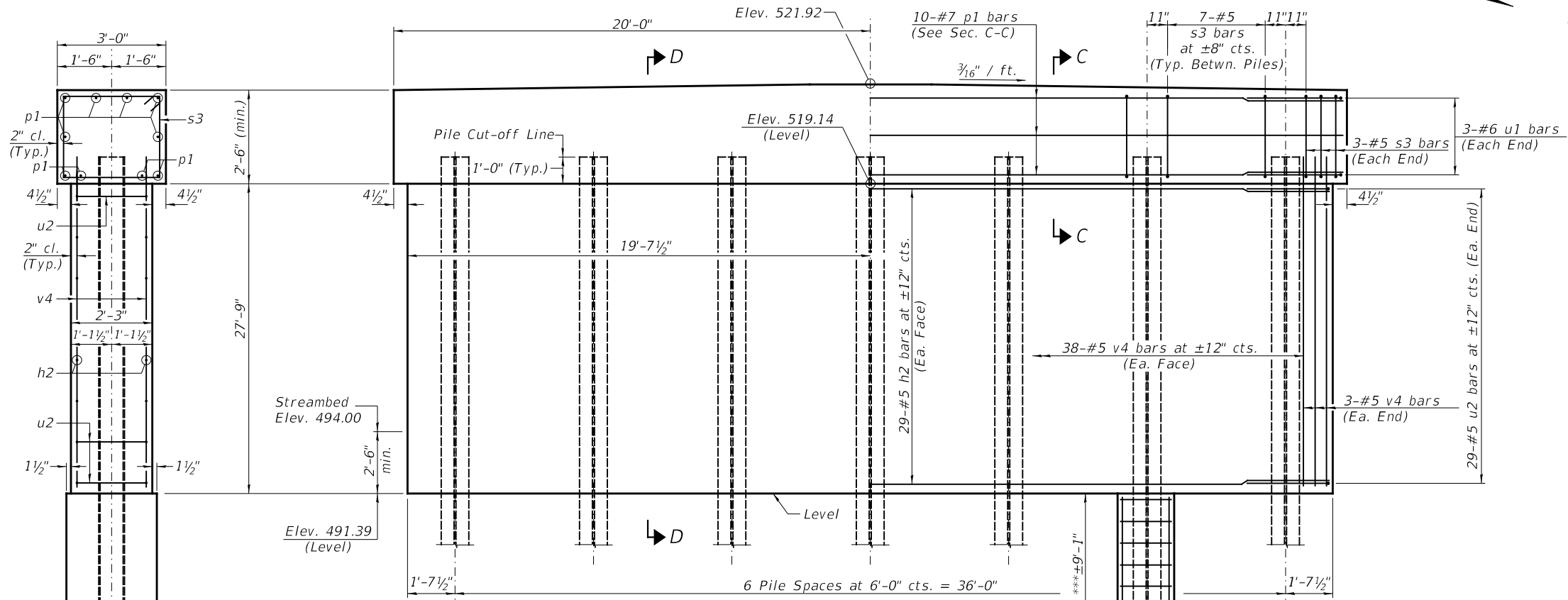
All edges shall have standard 3/4" chamfer.
 If a portion of the pier wall is underwater, concrete shall be tremied under water into forms according to Article 503.08 of the Standard Specifications. Concrete shall be tremied to an Elevation 1'-0" above the water level at the time of construction.
 The Pier Stem shall be constructed in a single continuous concrete pour.
 See Sheet No. 13 of 13 for Pile Details.



TOP PLAN



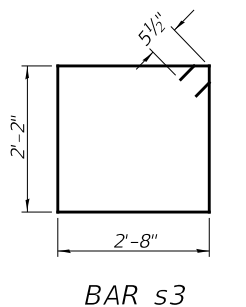
SECTION C-C



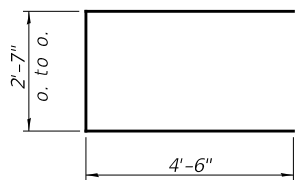
ELEVATION
(Looking West)

PIER #2
BILL OF MATERIAL

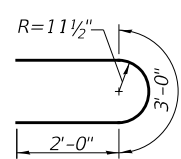
BAR	NO.	SIZE	LENGTH	SHAPE	
h2	58	#5	36'-9"	—	
p1	10	#7	39'-9"	—	
s3	48	#5	10'-7"	□	
u1	6	#6	11'-7"	□	
u2	58	#5	7'-0"	□	
v4	82	#5	28'-7"	—	
Cofferdam Excavation				CU YD	85
Cofferdam (Type 1) (Location-2)				EACH	1
Concrete Structures				CU YD	101.3
Concrete Encasement				CU YD	11.6
Reinforcement Bars				POUND	6,540
Furnishing Steel Piles HP14x73				FOOT	336
Drilling and Setting Piles (in Rock)				CU FT	206



BAR s3



BAR u1

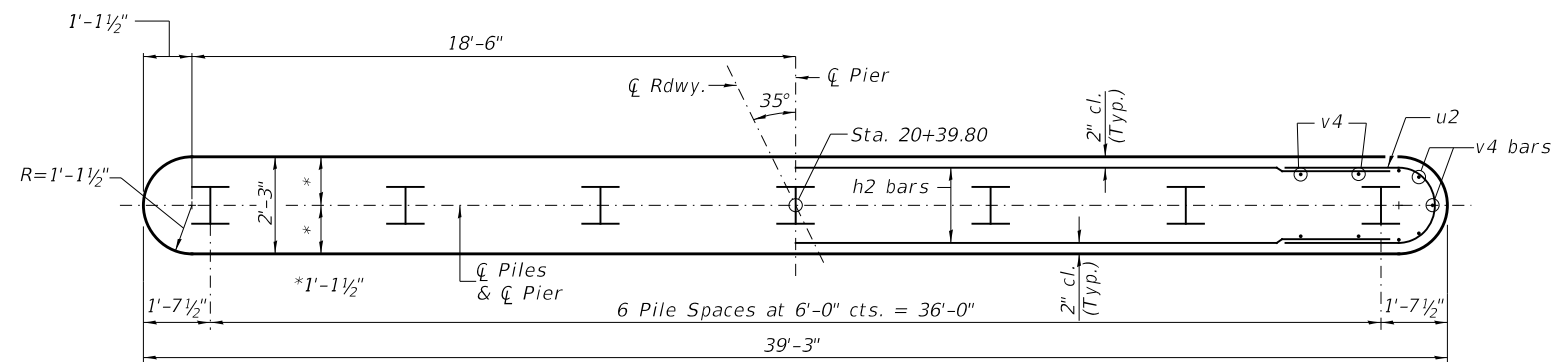


BAR u2

SECTION D-D

PILE DATA

Type & Size: Steel HP14x73
 Nominal Required Bearing: Set in Rock (578 kips)
 Factored Resistance Available: Set in Rock (318 kips)
 Est. Length: 48'
 No. Req'd.: 7



FOOTING PLAN

PIER #2

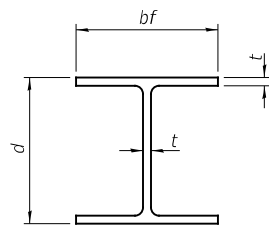
SCOTT COUNTY

SECTION 17-00052-00-BR

COUNTY HIGHWAY 12 OVER

MAUVAISE TERRE CREEK

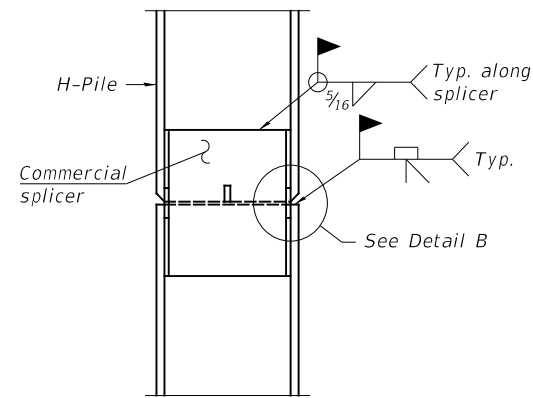
SHEET NO. 12 13 SHEETS	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	CH 12	17-00052-00-BR	SCOTT	31	20
	S.N. 086-3003		CONTRACT NO. 93796		
FED. ROAD DIST. NO. 7 ILLINOIS			FED. AID PROJECT NO. UP13(823)		



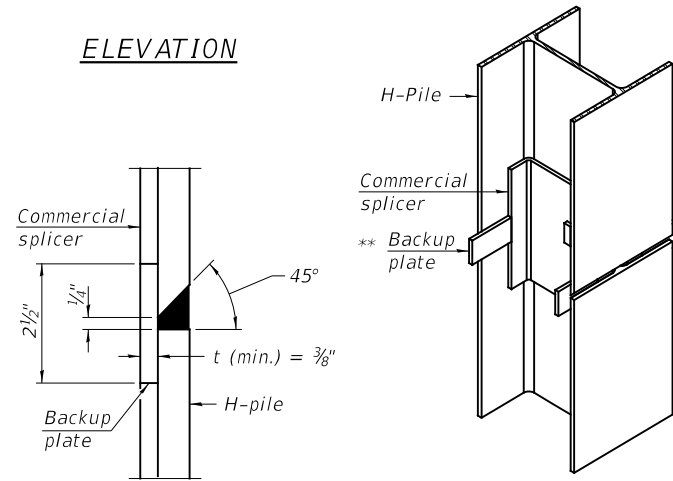
STEEL PILE TABLE

Designation	Depth d	Flange width bf	Web and Flange thickness t	Encasement diameter
HP 14x117	14 1/4"	14 7/8"	1 3/16"	30"
x102	14"	14 3/4"	1 1/16"	30"
x89	13 7/8"	14 3/4"	5/8"	30"
x73	13 3/8"	14 5/8"	1/2"	30"
HP 12x84	12 1/4"	12 1/4"	1 1/16"	24"
x74	12 1/8"	12 1/4"	5/8"	24"
x63	12"	12 1/8"	1/2"	24"
x53	11 3/4"	12"	7/16"	24"
HP 10x57	10"	10 1/4"	9/16"	24"
x42	9 3/4"	10 1/8"	7/16"	24"
HP 8x36	8"	8 1/8"	7/16"	18"

Note:
The steel H-piles shall be according to AASHTO M270 Grade 50.

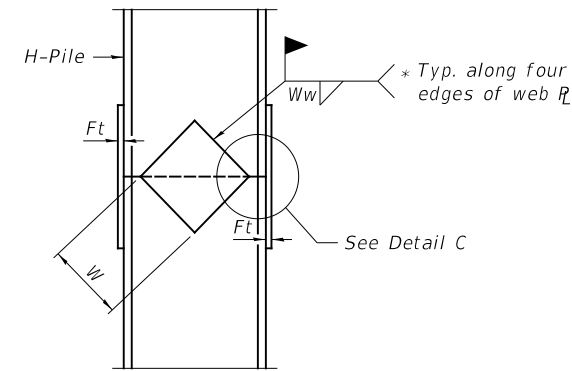


ELEVATION

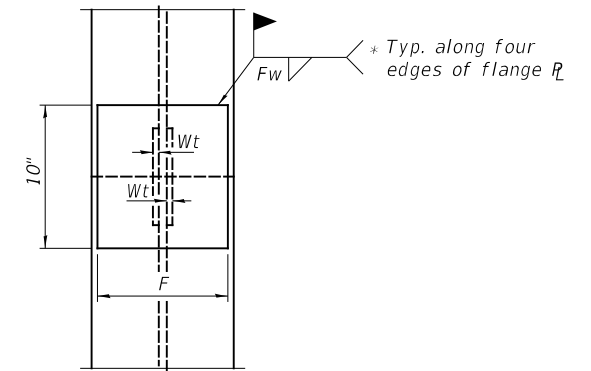


DETAIL "B"

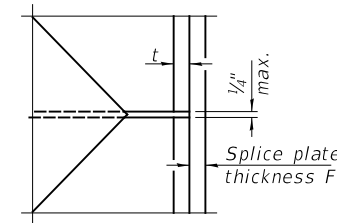
ISOMETRIC VIEW



ELEVATION



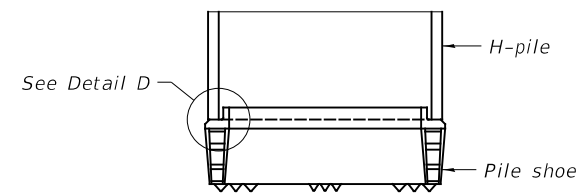
END VIEW



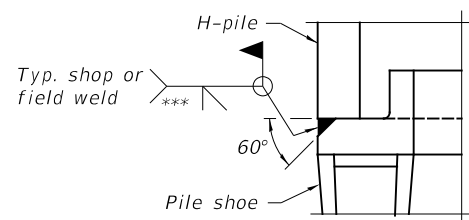
DETAIL C

Designation	F	Ft	Fw	W	Wt	Ww
HP 14x117	12 1/2"	1"	7/8"	7 3/4"	5/8"	1/2"
x102	12 1/2"	7/8"	3/4"	7 3/4"	5/8"	1/2"
x89	12 1/2"	3/4"	1 1/16"	7 3/4"	5/8"	1/2"
x73	12 1/2"	5/8"	9/16"	7 3/4"	5/8"	1/2"
HP 12x84	10"	7/8"	1 1/16"	6 1/2"	5/8"	1/2"
x74	10"	7/8"	1 1/16"	6 1/2"	5/8"	1/2"
x63	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
x53	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
HP 10x57	8"	3/4"	9/16"	5 1/4"	1/2"	3/8"
x42	8"	5/8"	9/16"	5 1/4"	1/2"	3/8"
HP 8x36	7"	5/8"	7/16"	4 1/4"	1/2"	3/8"

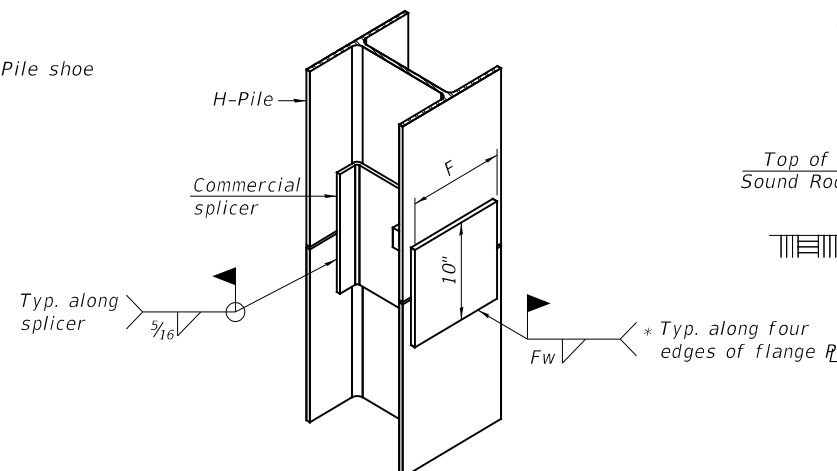
WELDED PLATE FIELD SPLICE



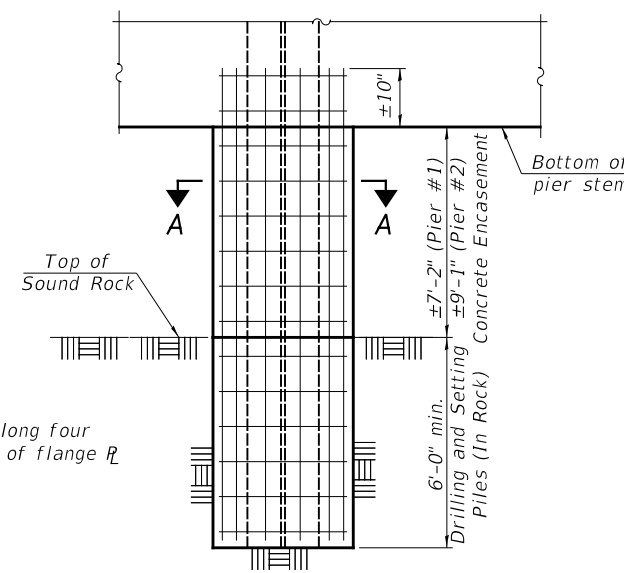
ELEVATION



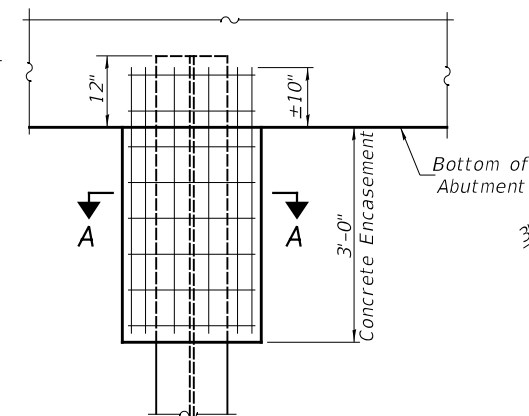
DETAIL D



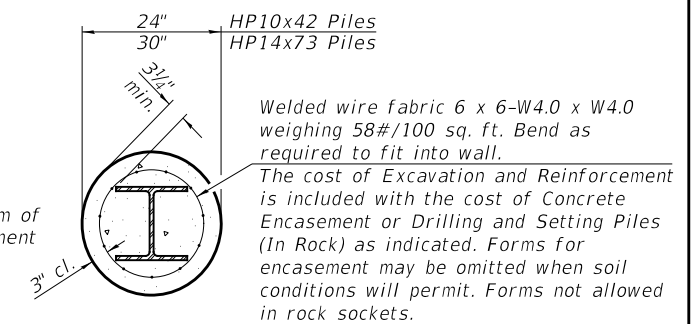
ISOMETRIC VIEW



PIER ELEVATION



ABUTMENT ELEVATION



SECTION A-A

HP PILE DETAILS

SCOTT COUNTY

SECTION 17-00052-00-BR

COUNTY HIGHWAY 12 OVER

MAUVAISE TERRE CREEK

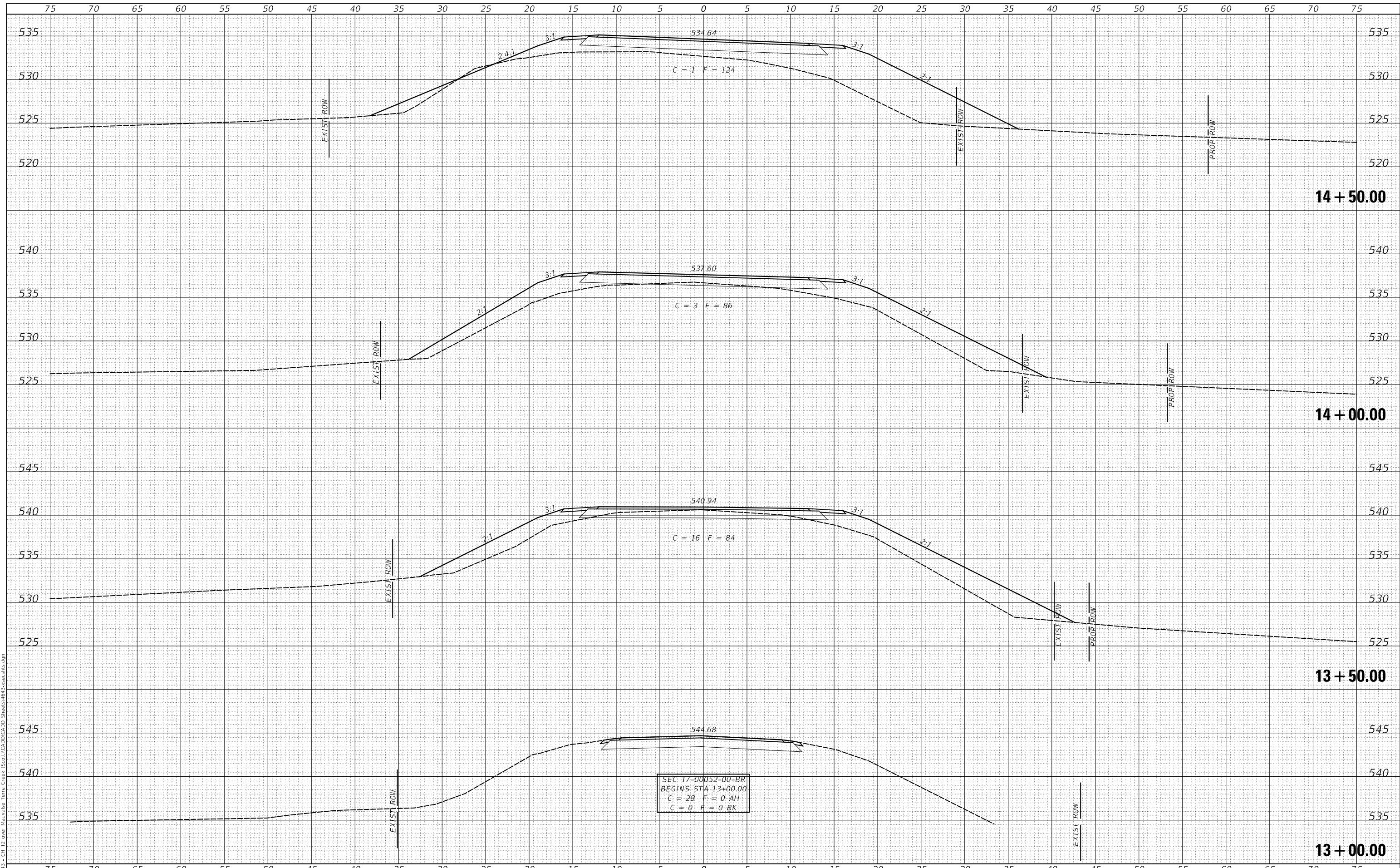
* Interrupt welds 1/4" from end of web and/or each flange.
** Remove portions of backup plates that extend outside the flanges.
*** Weld size per pile shoe manufacturer (5/16" min.).

SHEET NO. 13 13 SHEETS	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	CH 12	17-00052-00-BR	SCOTT	31	21
	S.N. 086-3003		CONTRACT NO. 93796		
FED. ROAD DIST. NO. 7 ILLINOIS			FED. AID PROJECT NO. UP13(823)		

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

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

MODEL: S:\MODEL\MAMES - CH 12 over Mauvaise Terre Creek - (S:\CADD\CADD Sheets\1463-sec13e.dgn
 FILE NAME: V:\0413 - CH 12 over Mauvaise Terre Creek - (S:\CADD\CADD Sheets\1463-sec13e.dgn



USER NAME = smierzwa	DESIGNED - MMO	REVISED - _____
	DRAWN - MMO	REVISED - _____
PLOT SCALE = 10.0000' / in.	CHECKED - STM	REVISED - _____
PLOT DATE = 8/8/2022	DATE - 6/28/2022	REVISED - _____

**SCOTT COUNTY
 COUNTY HIGHWAY 12 OVER
 MAUVAISE TERRE CREEK**

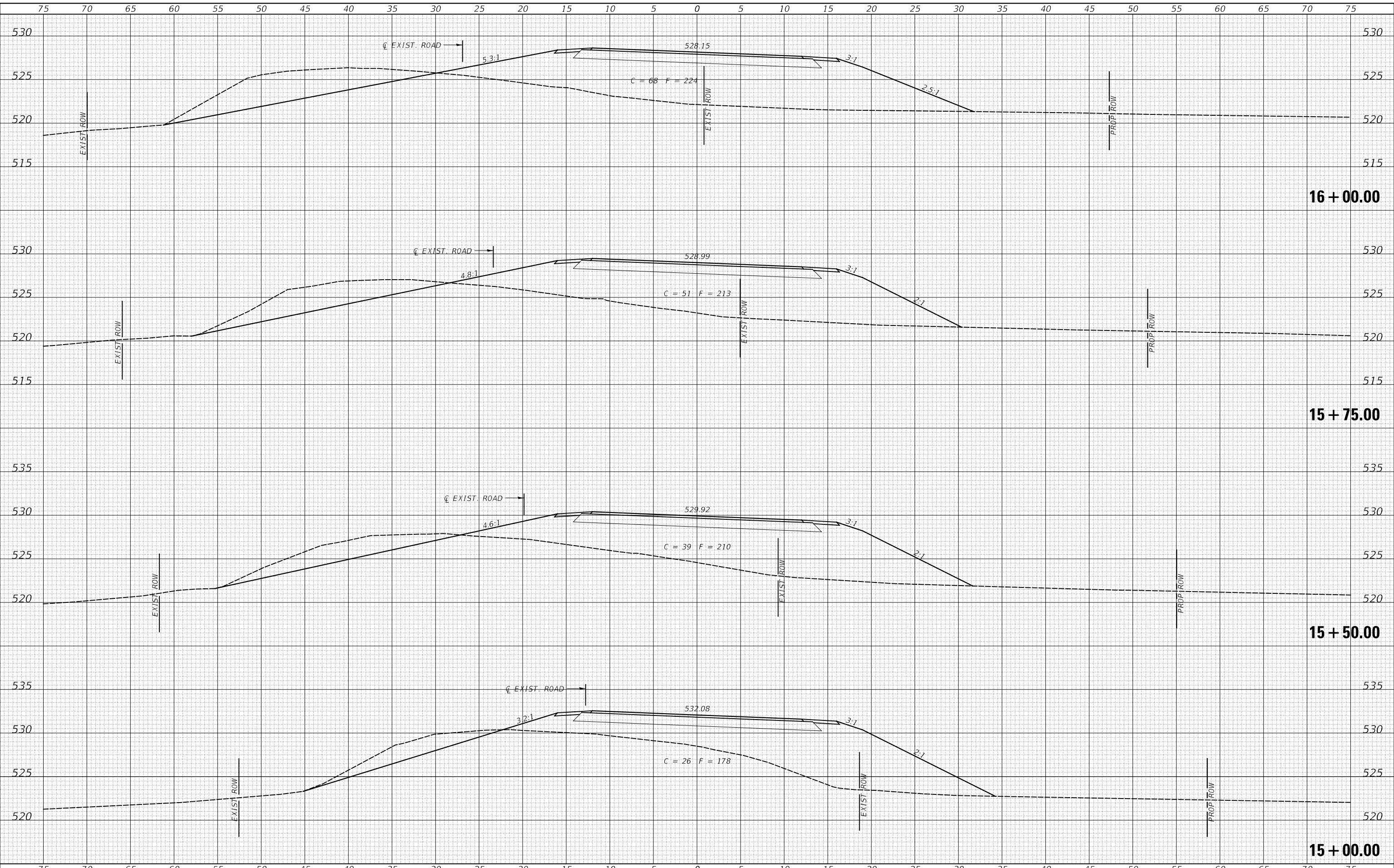
CROSS SECTIONS			
SCALE: 1"=5'	SHEET 1	OF 10 SHEETS	STA. 13+00.00 TO STA. 14+50.00

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 12	17-00052-00-BR	SCOTT	31	22
CONTRACT NO. 93796				
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT NO. UP13(B23)	

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

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

MODEL: S:\MODEL\MAMES
FILE NAME: V:\0413 - CH 12 over Mauvaise Terre Creek (Sgotti\CADD\CADD Sheets\1463-sections.dgn



USER NAME =	Simerzwa	DESIGNED -	MMO	REVISED -	_____
		DRAWN -	MMO	REVISED -	_____
PLOT SCALE =	10.0000' / in.	CHECKED -	STM	REVISED -	_____
PLOT DATE =	8/8/2022	DATE -	6/28/2022	REVISED -	_____

**SCOTT COUNTY
COUNTY HIGHWAY 12 OVER
MAUVAISE TERRE CREEK**

CROSS SECTIONS

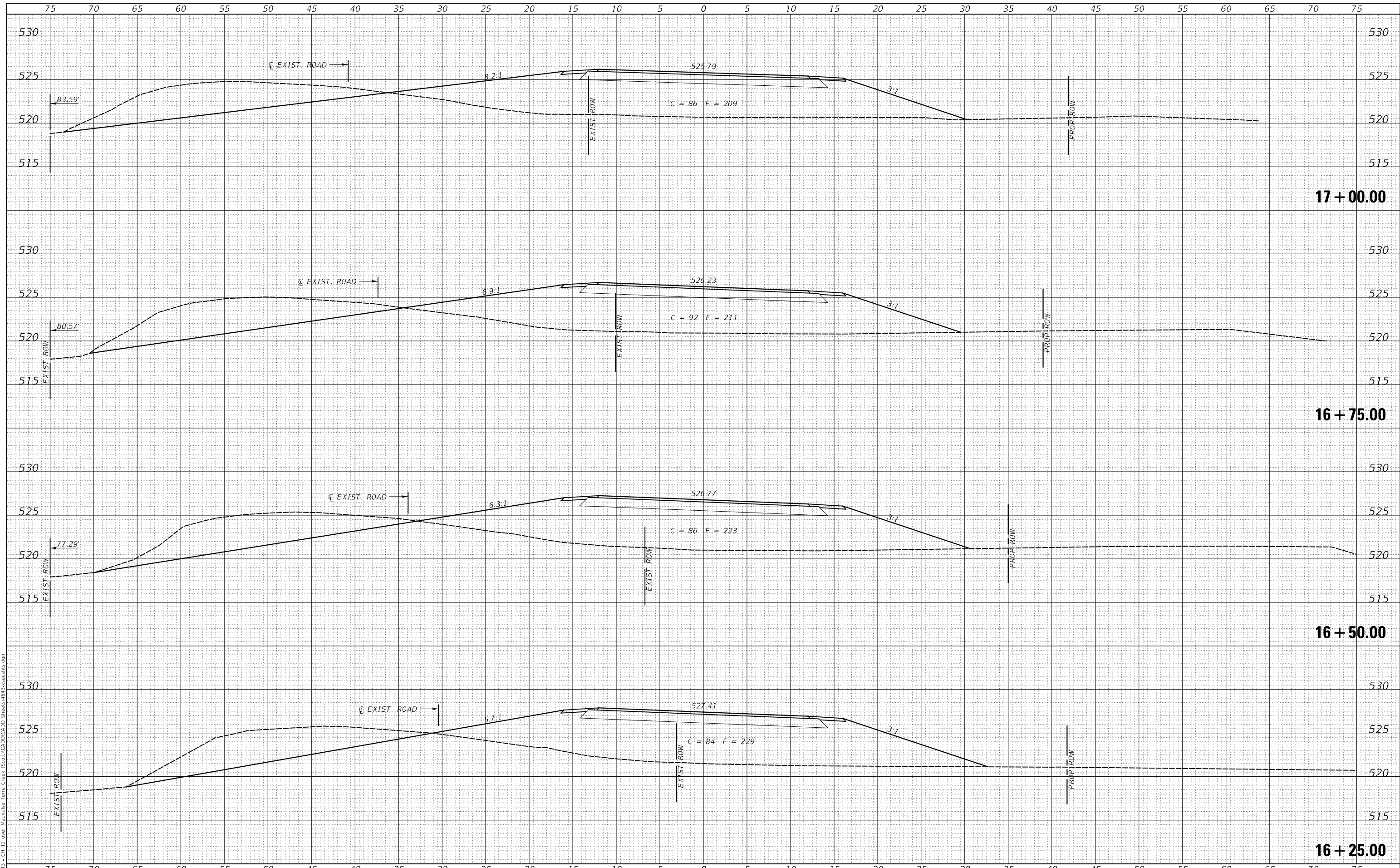
SCALE: 1"=5' SHEET 2 OF 10 SHEETS STA. 15+00.00 TO STA. 16+00.00

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 12	17-00052-00-BR	SCOTT	31	23
CONTRACT NO. 93796				
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT NO. UP131823		

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

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

MODEL: S:\MODEL\MMS - CH 12 over Mauvaise Terre Creek - (S:\CADD\CADD Sheets\16+25-sections.dgn)
 FILE NAME: V:\B13 - CH 12 over Mauvaise Terre Creek - (S:\CADD\CADD Sheets\16+25-sections.dgn)



USER NAME =	SIMierzwa	DESIGNED -	MMO	REVISED -	_____
		DRAWN -	MMO	REVISED -	_____
PLOT SCALE =	10.0000' / in.	CHECKED -	STM	REVISED -	_____
PLOT DATE =	8/8/2022	DATE -	6/28/2022	REVISED -	_____

**SCOTT COUNTY
 COUNTY HIGHWAY 12 OVER
 MAUVAISE TERRE CREEK**

CROSS SECTIONS

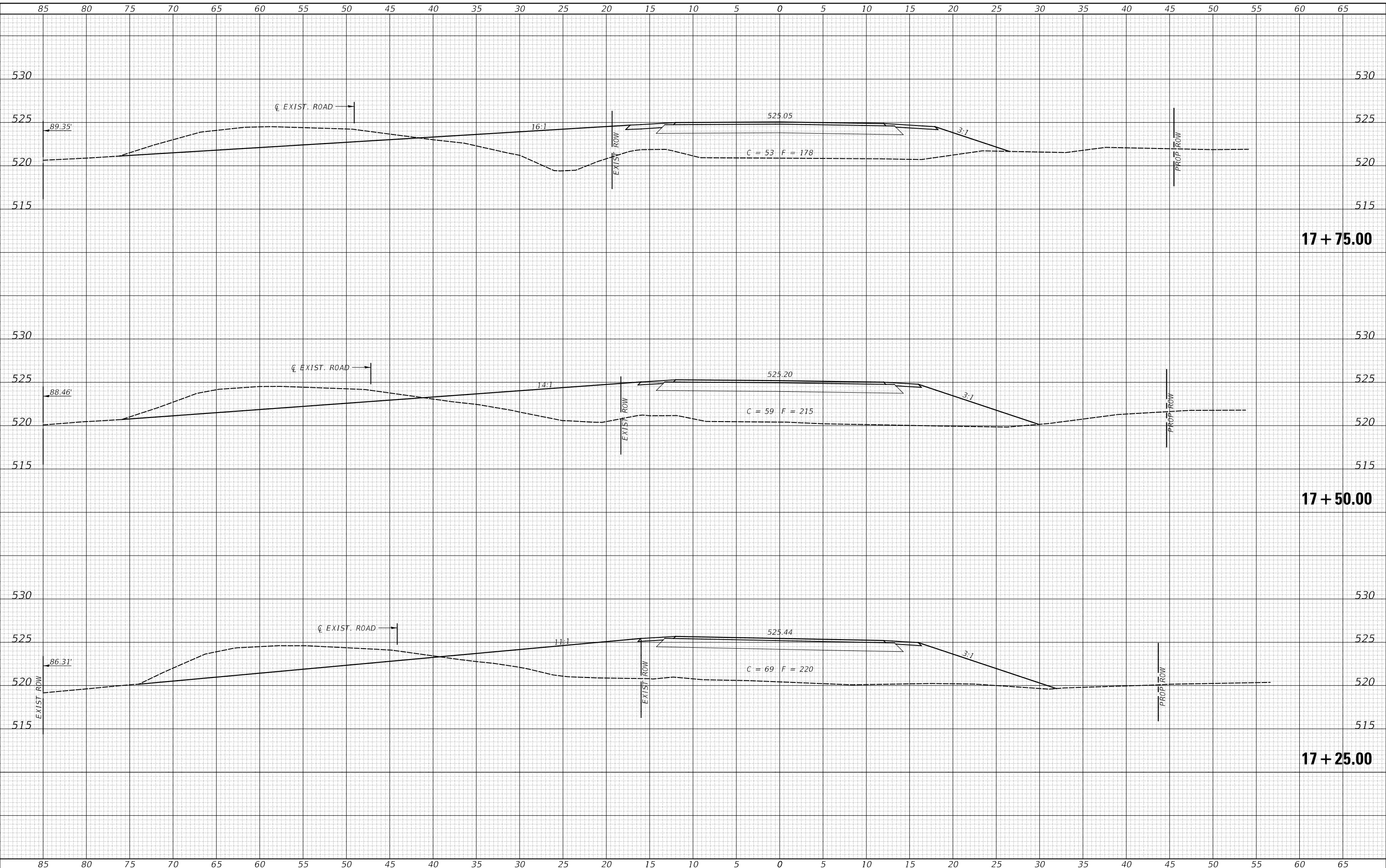
SCALE: 1"=5' SHEET 3 OF 10 SHEETS STA. 16+25.00 TO STA. 17+00.00

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 12	17-00052-00-BR	SCOTT	31	24
FED. ROAD DIST. NO. 7 ILLINOIS			CONTRACT NO. 93796	
			FED. AID PROJECT NO. UP13(B23)	

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

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

MODEL: SPODEL\MAMES
FILE NAME: V:\913 - CH 12 over Mauvaise Terre Creek - Scott\CADD\CADD Sheets\163-secrite.dgn



USER NAME = smierzwa	DESIGNED - MMO	REVISED - _____
PLOT SCALE = 10.0000 ' / in.	DRAWN - MMO	REVISED - _____
PLOT DATE = 8/8/2022	CHECKED - STM	REVISED - _____
	DATE - 6/28/2022	REVISED - _____

**SCOTT COUNTY
COUNTY HIGHWAY 12 OVER
MAUVAISE TERRE CREEK**

CROSS SECTIONS

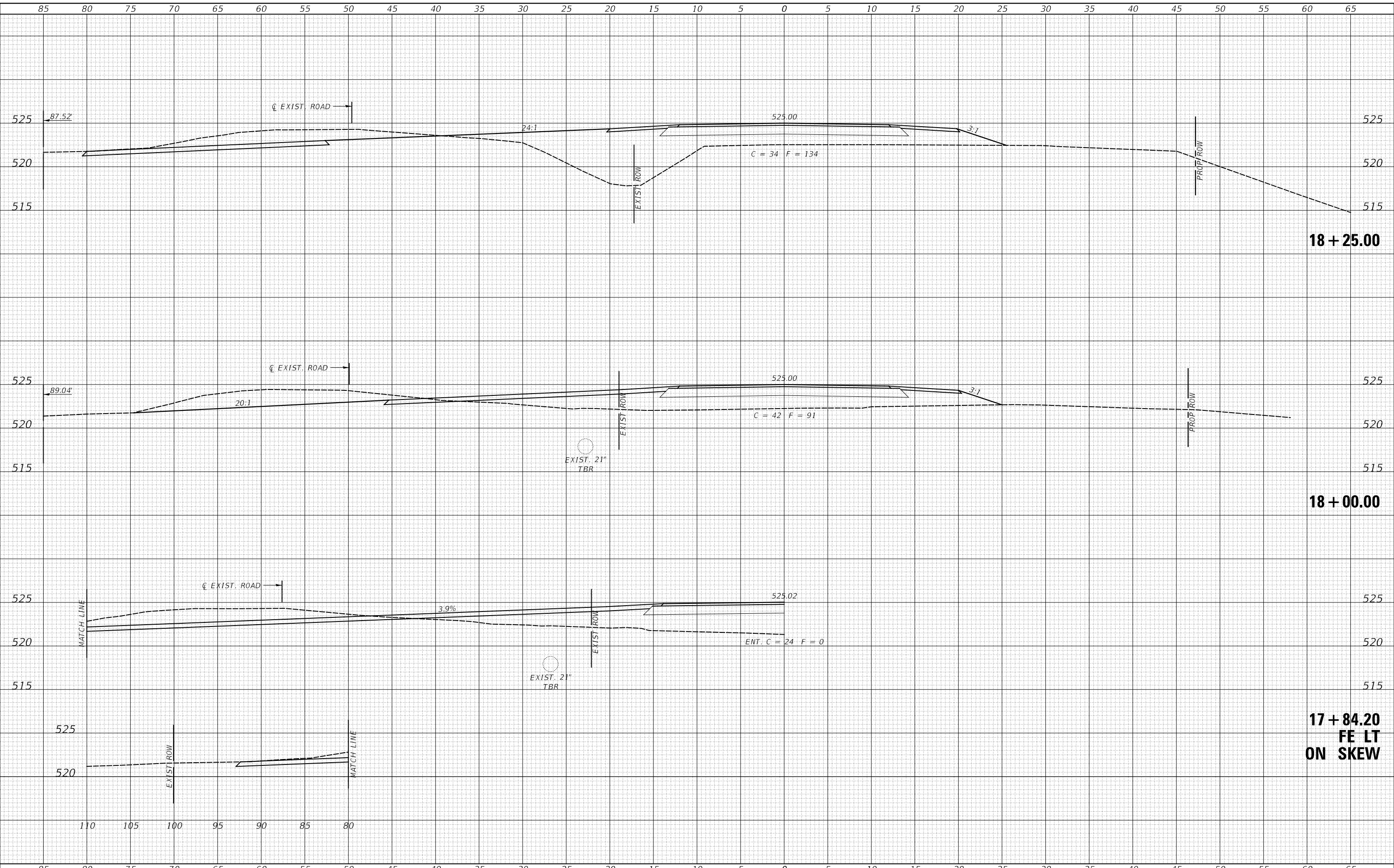
SCALE: 1"=5' SHEET 4 OF 10 SHEETS STA. 17+25.00 TO STA. 17+75.00

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 12	17-00052-00-BR	SCOTT	31	25
CONTRACT NO. 93796				
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT NO. UP131823	

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

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

MODEL: SPODEL\MAMES
FILE NAME: V:\015 - CH 12 over Mauvaise Terre Creek - Scott\CADD\CADD Sheets\16-3-sec01a.dgn



18 + 25.00

18 + 00.00

**17 + 84.20
FE LT
ON SKEW**

USER NAME	= Simerzwa
DESIGNED	- MMO
DRAWN	- MMO
CHECKED	- STM
DATE	- 6/28/2022
REVISIONS	
REVISED	-
REVISED	-
REVISED	-

**SCOTT COUNTY
COUNTY HIGHWAY 12 OVER
MAUVAISE TERRE CREEK**

CROSS SECTIONS

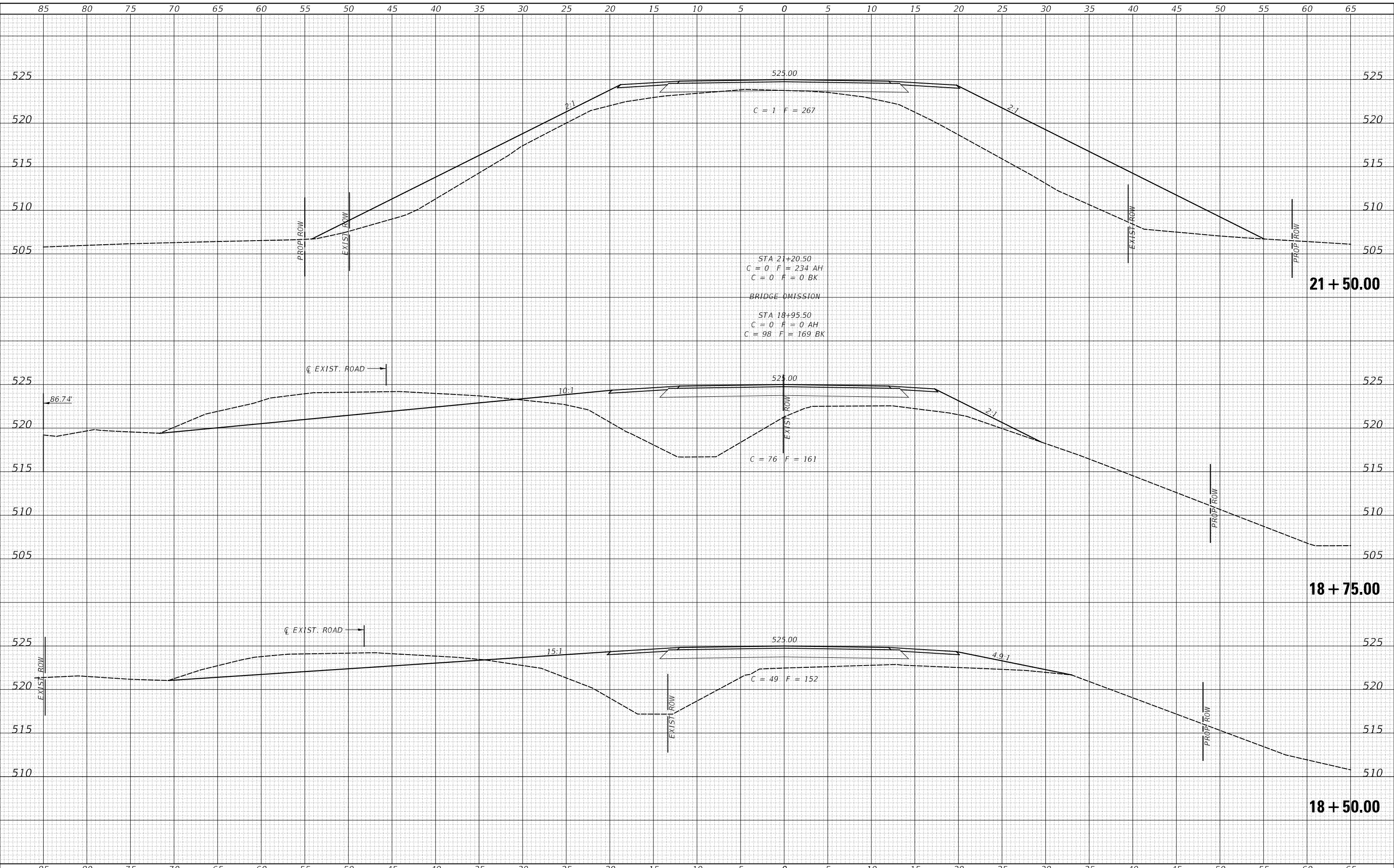
SCALE: 1"=5' SHEET 5 OF 10 SHEETS STA. 17+84.20 TO STA. 18+25.00

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 12	17-00052-00-BR	SCOTT	31	26
FED. ROAD DIST. NO. 7 ILLINOIS			CONTRACT NO. 93796	
FED. AID PROJECT NO. UP13(B23)				

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

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

MODEL: SPODEL\MAMES
 FILE NAME: V:\0613 - CH 12 over Mauvaise Terre Creek - Scott\CADD\CADD Sheets\16-3-secrite.dgn



USER NAME =	SMierzwa	DESIGNED -	MMO	REVISED -	_____
		DRAWN -	MMO	REVISED -	_____
PLOT SCALE =	10.0000' / in.	CHECKED -	STM	REVISED -	_____
PLOT DATE =	8/8/2022	DATE -	6/28/2022	REVISED -	_____

**SCOTT COUNTY
 COUNTY HIGHWAY 12 OVER
 MAUVAISE TERRE CREEK**

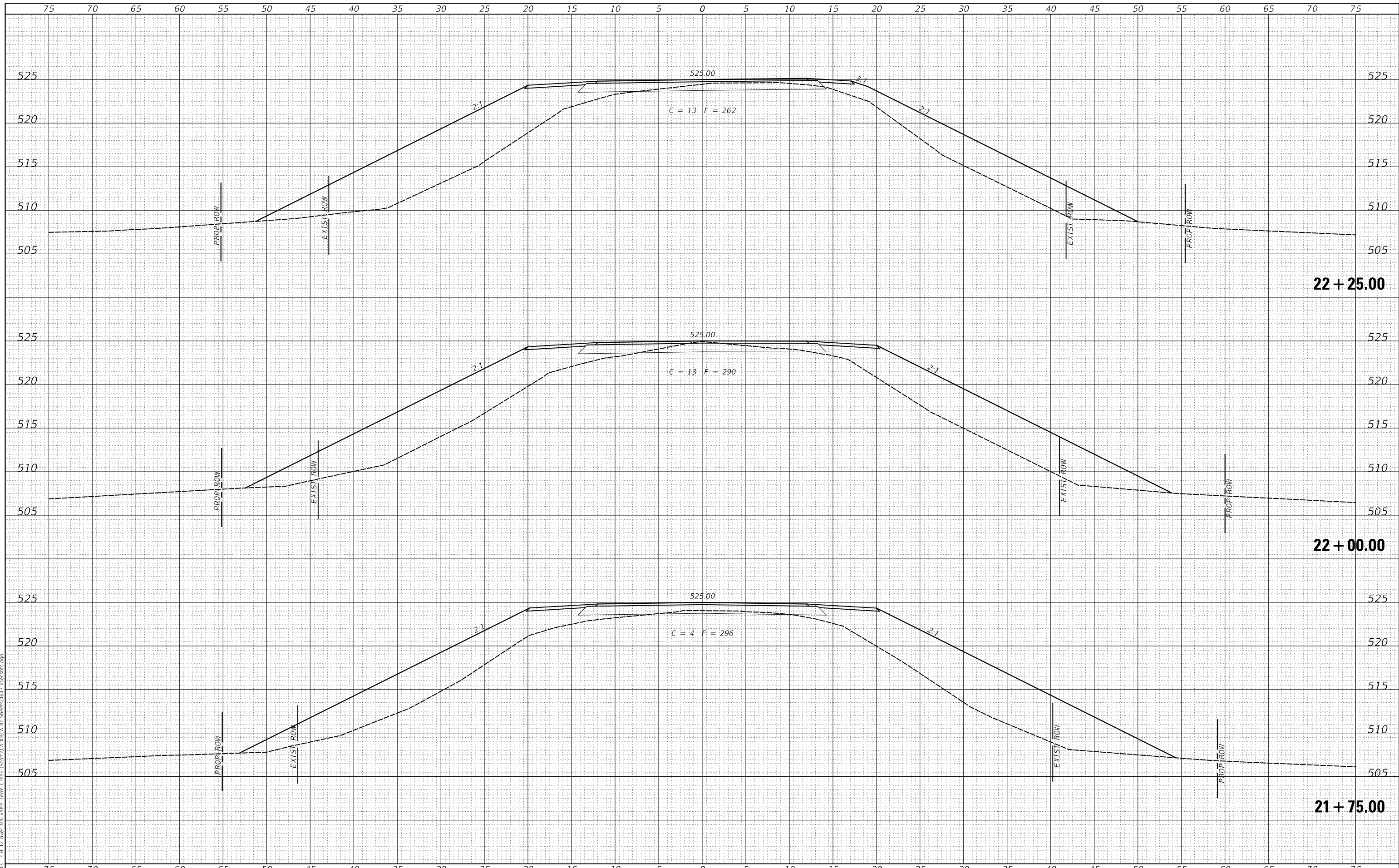
CROSS SECTIONS			
SCALE: 1"=5'	SHEET 6	OF 10 SHEETS	STA. 18+50.00 TO STA. 21+50.00

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 12	17-00052-00-BR	SCOTT	31	27
FED. ROAD DIST. NO. 7 ILLINOIS			CONTRACT NO. 93796	
			FED. AID PROJECT NO. UP13(B23)	

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

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

MODEL: S:\MODEL\MAMES
FILE NAME: V:\013 - CH 12 over Mauvaise Terre Creek (S:\013\CADD\CADD Sheets\1643-sec01b.dgn)



USER NAME	= Simerzwa
DESIGNED	- MMO
DRAWN	- MMO
PLOT SCALE	= 10.0000 ' / in.
PLOT DATE	= 8/8/2022

REVIS	-	_____
REVIS	-	_____
REVIS	-	_____
REVIS	-	_____

**SCOTT COUNTY
COUNTY HIGHWAY 12 OVER
MAUVAISE TERRE CREEK**

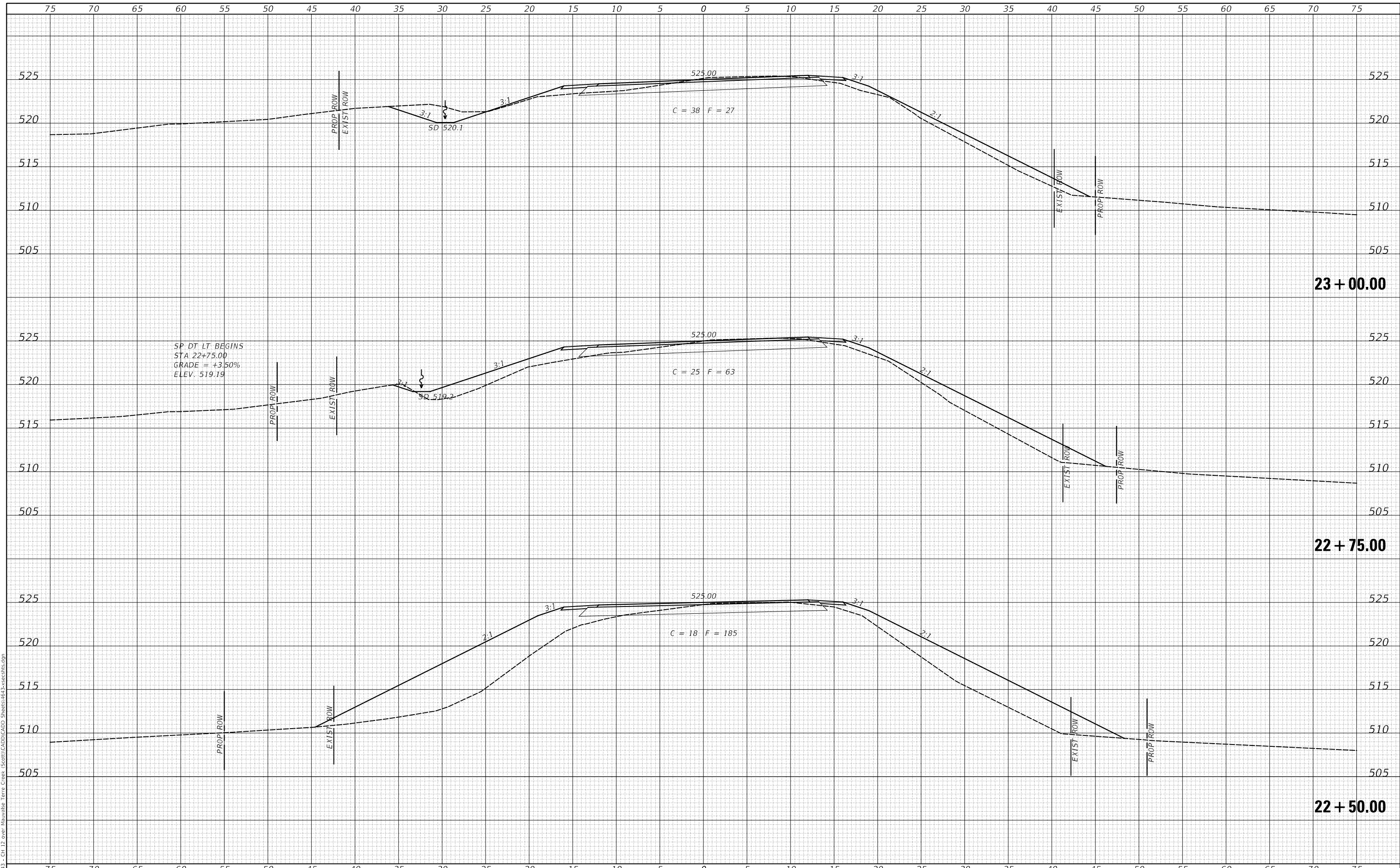
CROSS SECTIONS			
SCALE:	1"=5'	SHEET 7	OF 10 SHEETS
STA.	21+75.00	TO STA.	22+25.00

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 12	17-00052-00-BR	SCOTT	31	28
CONTRACT NO. 93796				
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT NO. UP13(B23)		

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

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

MODEL: S:\MODEL\MMS
 FILE NAME: V:\013 - CH 12 over Mauvaise Terre Creek - Scott\CADD\CADD Sheets\163-sec8b.dgn



USER NAME	= S\mierzwa	DESIGNED	- MMO	REVISED	-
		DRAWN	- MMO	REVISED	-
PLOT SCALE	= 10.0000 ' / in.	CHECKED	- STM	REVISED	-
PLOT DATE	= 8/8/2022	DATE	- 6/28/2022	REVISED	-

**SCOTT COUNTY
 COUNTY HIGHWAY 12 OVER
 MAUVAISE TERRE CREEK**

CROSS SECTIONS

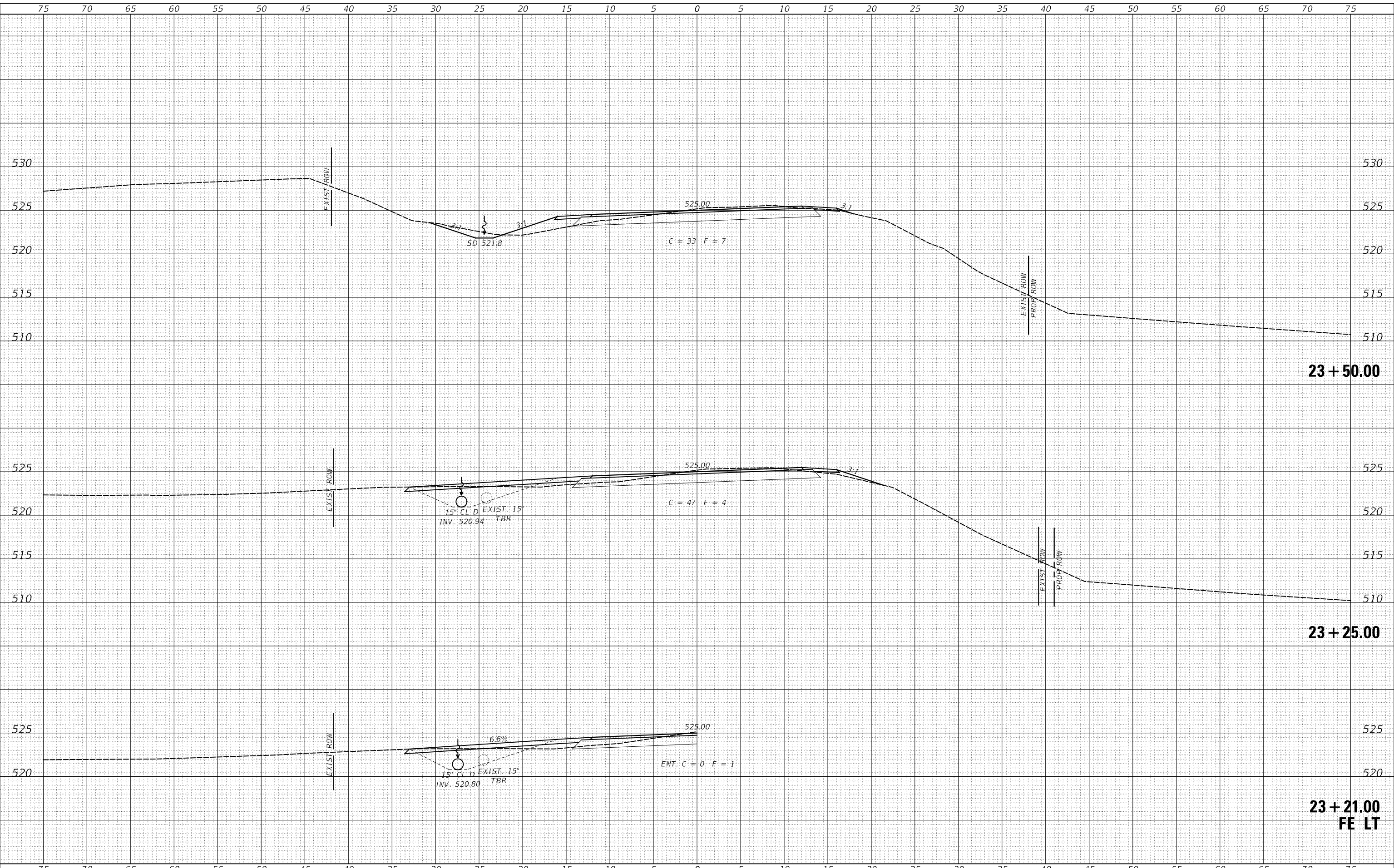
SCALE: 1"=5' SHEET 8 OF 10 SHEETS STA. 22+50.00 TO STA. 23+00.00

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 12	17-00052-00-BR	SCOTT	31	29
FED. ROAD DIST. NO. 7 ILLINOIS			CONTRACT NO. 93796	
FED. AID PROJECT NO. UP13(B23)				

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

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

MODEL: S:\MODEL\MMS
 FILE NAME: V:\013 - CH 12 over Mauvaise Terre Creek (S:\013\CADD\CADD Sheets\16-3-secrite.dgn)



USER NAME = smierzwa	DESIGNED - MMO	REVISED - _____
	DRAWN - MMO	REVISED - _____
PLOT SCALE = 10.0000' / in.	CHECKED - STM	REVISED - _____
PLOT DATE = 8/8/2022	DATE - 6/28/2022	REVISED - _____

**SCOTT COUNTY
 COUNTY HIGHWAY 12 OVER
 MAUVAISE TERRE CREEK**

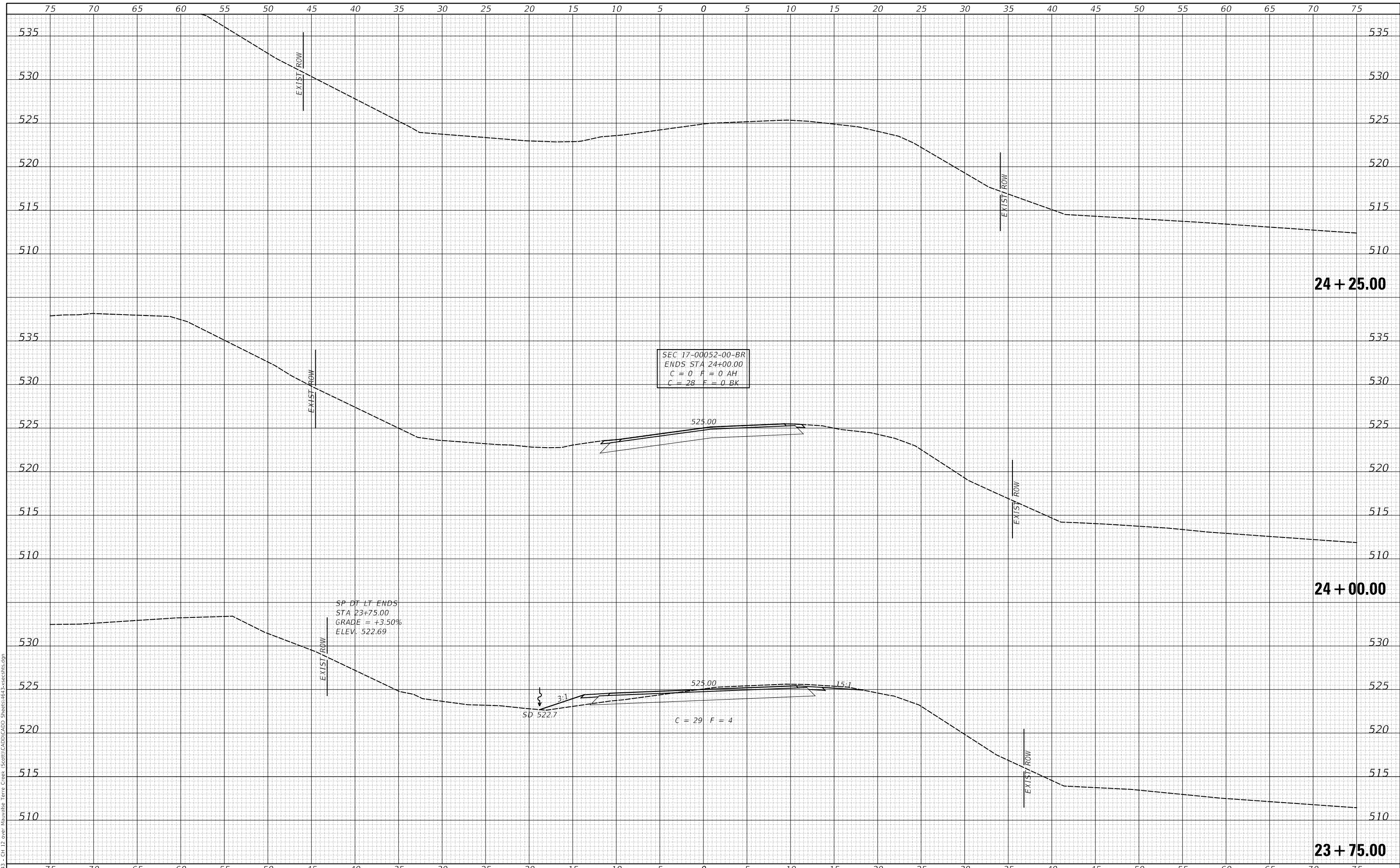
CROSS SECTIONS			
SCALE: 1"=5'	SHEET 9	OF 10 SHEETS	STA. 23+21.00 TO STA. 23+50.00

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 12	17-00052-00-BR	SCOTT	31	30
				CONTRACT NO. 93796
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT NO. UP13(B23)	

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

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

MODEL: SPODELNAME5
 FILE NAME: V:\0413 - CH 12 over Mauvaise Terre Creek - Scott\CADD\CADD Sheets\1463-secrite.dgn



USER NAME = smierzwa	DESIGNED - MMO	REVISED - _____
	DRAWN - MMO	REVISED - _____
PLOT SCALE = 10.0000 ' / in.	CHECKED - STM	REVISED - _____
PLOT DATE = 8/8/2022	DATE - 6/28/2022	REVISED - _____

**SCOTT COUNTY
 COUNTY HIGHWAY 12 OVER
 MAUVAISE TERRE CREEK**

CROSS SECTIONS			
SCALE: 1"=5'	SHEET 10	OF 10 SHEETS	STA. 23+75.00 TO STA. 24+25.00

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 12	17-00052-00-BR	SCOTT	31	31
CONTRACT NO. 93796				
FED. ROAD DIST. NO. 7 ILLINOIS		FED. AID PROJECT NO. UP13(B23)		