T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	24-03117-00-BR	MENARD	27	1
	ILLINOIS	CONTRACT NO.		

INDEX OF SHEETS

1 - TITLE SHEET
2-3 - SUMMARY OF QUANTITIES
4 - TYPICAL ROADWAY SECTIONS
5 - ENTRANCE DETAILS
6 - SCHEDULES
7 - GRADING PLAN
8 - PLAN & PROFILE
9 - GENERAL PLAN & ELEVATION
10 - GENERAL DATA
11-12 - SUPERSTRUCTURE
13-14 - TYPE S1 RAILING
15 - ABUTMENTS
16 - PILE DETAILS
17-18 - BORINGS
19-27 - ROADWAY CROSS SECTIONS

STANDARDS (IN PROPOSAL)

STANDARD 000001-09
STANDARD 280001-07
STANDARD 515001-04
STANDARD 701901-11
STANDARD BLR 21-9

LIST OF UTILITIES

FRONTIER COMMUNICATIONS
225 NORTH BROAD STREET
CARLINVILLE, ILLINOIS 62626
217-318-0456

MENARD ELECTRIC COOPERATIVE
P.O. BOX 200
PETERSBURG, ILLINOIS 62675
CONTACT: BRADY SMITH
BSMITH@MENARD.COM
217-632-7746

AMEREN ILLINOIS (GAS)
1900 W. LAFAYETTE
JACKSONVILLE, ILLINOIS 62565
CONTACT: ZACH SUTTER
217-221-0813 (O)
ZSUTTER@AMEREN.COM

AMEREN ILLINOIS (ELECTRIC)
1900 W. LAFAYETTE
JACKSONVILLE, ILLINOIS 62650
CONTACT: ADAM HOWARD
217-602-9381 (O)
AHOWARD2@AMEREN.COM

SCALE IN FEET

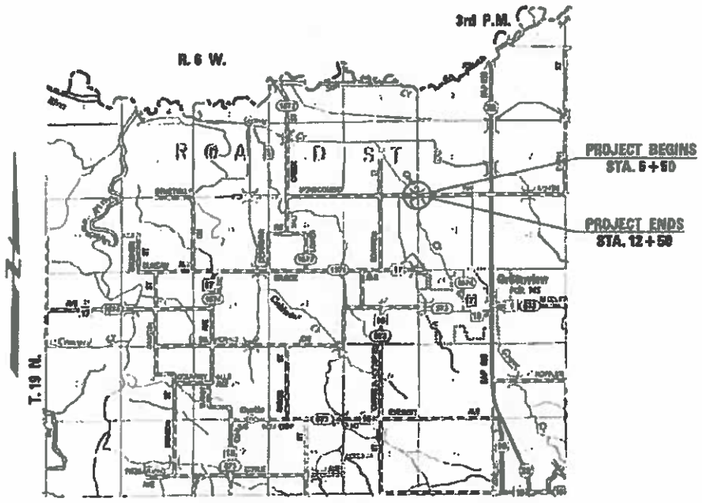
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0 50 100 = PROFILE - HORIZONTAL
0 5 10 = PROFILE - VERTICAL
0 5 10 = CROSS SECTIONS - HORIZONTAL
0 5 10 = CROSS SECTIONS - VERTICAL

LAND SECTION - 14 & 15
LAND QUARTER SECTION - N.W. & N.E.
FUNCTIONAL CLASSIFICATION: LOCAL ROAD (NON-URBAN)
A.D.T. - 75 (2020)
A.D.T. - 76 (2046)
30 M.P.H. DESIGN SPEED

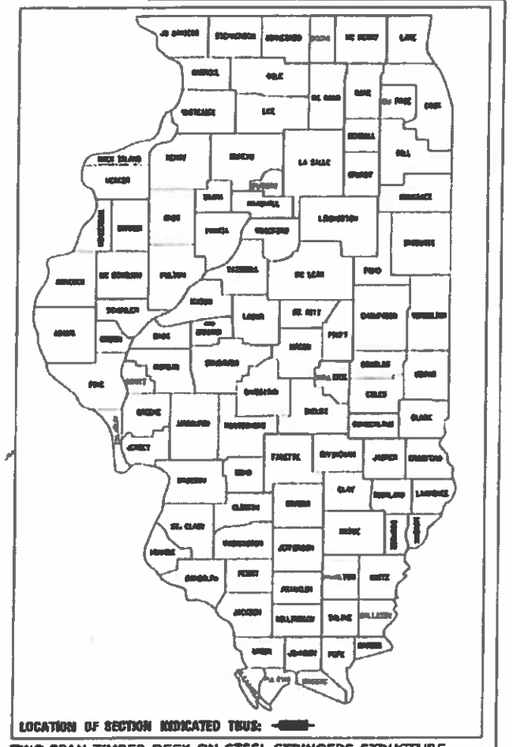
TOLL FREE
"JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS"
(JULIE) TELEPHONE NUMBER
1-800-892-0123 (811)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PLANS FOR PROPOSED TOWNSHIP BRIDGE PROGRAM

T.R. 11 OVER GROVE CREEK
ROAD DISTRICT NO. 3
SECTION 24-03117-00-BR
MENARD COUNTY



LOCATION PLAN
LENGTH OF SECTION = 600.00 FT. = 0.114 MILE



LOCATION OF SECTION INDICATED THUS: ----

EXISTING STRUCTURE: TWO-SPAN TIMBER DECK ON STEEL STRINGERS STRUCTURE ON TIMBER ABUTMENTS AND PIER WITH TIMBER PILING AND TIMBER WINGWALLS. A STEEL H PILE PIER HAS BEEN INSTALLED INSTALLED NEXT TO TIMBER PIER.±51'-0" BK.-BK. ABUTS.,±20'-0" CLEAR DECK WIDTH, 0°SKEW. SN 065-3023

PROPOSED STRUCTURE: SINGLE SPAN PRECAST PRESTRESSED CONCRETE DECK BEAM STRUCTURE (33") ON OPEN CONCRETE ABUTMENTS BEARING ON STEEL PILING. 75'-0" BK.-BK. ABUTMENTS, 28'-0" CLEAR DECK WIDTH WITH TYPE S1 RAILING, 30° SKEW RT. FWD. SN 065-3131

THESE PLANS ARE PROFESSIONAL TECHNICAL DOCUMENTS. IF AN INDIVIDUAL WITH A DISABILITY REQUIRES ASSISTANCE, PLEASE CONTACT THE MENARD COUNTY ENGINEER AT [(217) 632-2722 OR MENARDHWY1@SBCGLOBAL.NET]."

CHRISTOPHER P. KOLLMAN — 62-0465 LICENSED PROFESSIONAL ENGINEER OF STATE OF ILLINOIS

Christopher P. Kollman 8/28/26
EXPIRATION: 11/30/2027

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED 8/28, 2026
COUNTY ENGINEER

APPROVED 8/28, 2026
ROAD COMMISSIONER

PASSED 10/28, 2026
DISTRICT SIX ENGINEER OF LOCAL ROADS & STREETS

Belonging For Bid Based on Limited Review 10/28, 2026
REGION FOUR ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

USER NAME = CKollma	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 2.0000 ' / In.	CHECKED -	REVISED -	
PLOT DATE = 8/28/2026	DATE	REVISED	

VEENSTRA & KIMM INC.
A Kleinfelder Company

TITLE SHEET
SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	24-03117-00-BR	MENARD	27	1
STR. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO.		

				CONSTRUCTION CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 065-3131	BRIDGE 0010 065-3131
20200100	EARTH EXCAVATION	CU YD	416	416	
20300100	CHANNEL EXCAVATION	CU YD	440	440	
20400800	FURNISHED EXCAVATION	CU YD	1018	1018	
28100207	STONE RIPRAP, CLASS A4	TON	1115		1115
28200200	FILTER FABRIC	SQ YD	1083		1083
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	572	572	
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1
50200100	STRUCTURE EXCAVATION	CU YD	91		91
50300225	CONCRETE STRUCTURES	CU YD	33.2		33.2
50400605	PRECAST PRESTRESSED CONCRETE DECK BEAMS (33" DEPTH)	SQ FT	2057		2057
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	4040		4040
50900205	STEEL RAILING, TYPE S1	FOOT	150		150
51200959	FURNISHING METAL SHELL PILES 14" X 0.312"	FOOT	448		448
51202305	DRIVING PILES	FOOT	448		448

					CONSTRUCTION CODE	
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 065-3131	BRIDGE 0010 065-3131
	51203200	TEST PILE METAL SHELLS	EACH	2		2
	51500100	NAME PLATES	EACH	1		1
	542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	142	142	
	59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	65	65	
	67100100	MOBILIZATION	L SUM	1	1	
	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4	
*	X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.8	0.8	
*	X7011800	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	1	
*	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	

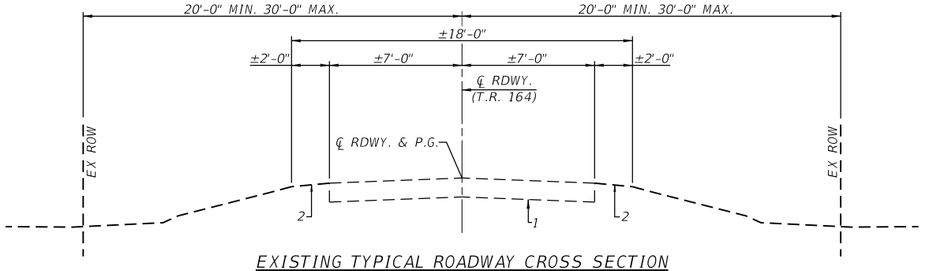
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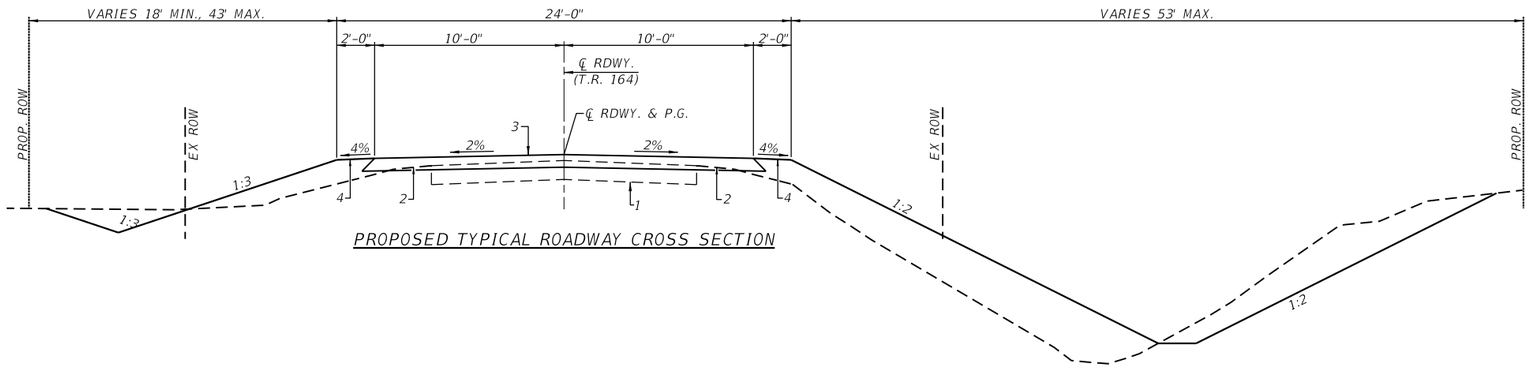
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T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	24-03117-00-BR	MENARD	27	3
		CONTRACT NO. ____		
	ILLINOIS	FED. AID PROJECT		



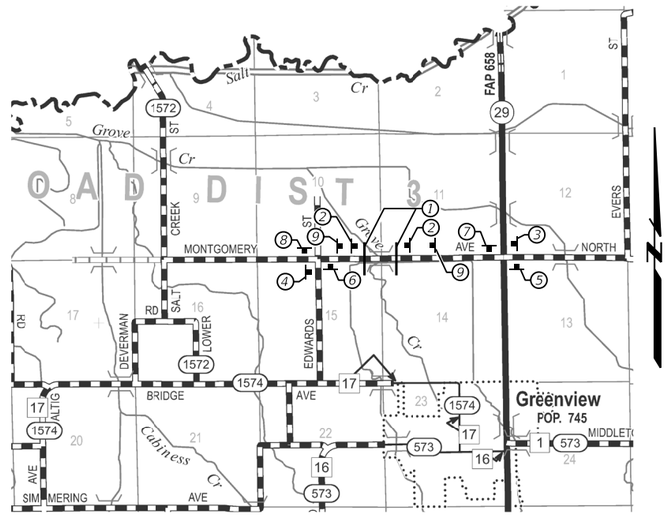
EXISTING TYPICAL ROADWAY CROSS SECTION



PROPOSED TYPICAL ROADWAY CROSS SECTION

LEGEND

1 - EXIST. AGGREGATE BASE
2 - EXIST. EARTH SHOULDER
3 - PROP. AGGREGATE SURFACE COURSE 8" MIN.
4 - PROP. EARTH SHOULDERS



SIGN & BARRICADE LOCATION PLAN

LEGEND

1. TYPE III BARRICADE WITH "ROAD CLOSED" R11-2-4830
2. ROAD CLOSED 500 FT
3. ROAD CLOSED 1.0 MILE AHEAD
4. ROAD CLOSED 0.5 MILE AHEAD
5. ROAD CLOSED 1.0 MILE AHEAD WITH W1-6L
6. ROAD CLOSED 0.5 MILE AHEAD WITH W1-6R
7. ROAD CLOSED 1.0 MILE AHEAD WITH W1-6R
8. ROAD CLOSED 0.5 MILE AHEAD WITH W1-6L
9. ROAD CLOSED AHEAD

GENERAL NOTES

WHERE SECTION OR SUBSECTION STONES ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH STONES ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AUTHORIZED SURVEYOUR, OR AGENET HAS WITNESSED OR REFERENCED THEIR LOCATION.

SEEDING: FERTILIZER NUTRIENTS SHALL BE APPLIED AT A RATIO OF 1:1:1 AND AT A RATE OF 90 POUNDS PER ACRE FOR EACH NUTRIENT.

MULCH SHALL BE APPLIED AT THE RATE OF 2 TONS PER ACRE.

AREAS TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY AS DIRECTED BY THE ENGINEER. ALL DISTURBED EARTH SURFACES BEYOND ROW IS THE RESPONSIBILITY OF AND COST TO THE CONTRACTOR.

NO COMMITMENTS.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED TO CALCULATE THE PLAN QUANTITIES.

AGGREGATE MATERIAL	1.9 TON/CU. YD.
RIPRAP	1.5 TON/CU. YD.
NITROGEN FERTILIZER NUTRIENT	90 LBS./ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90 LBS./ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS./ACRE

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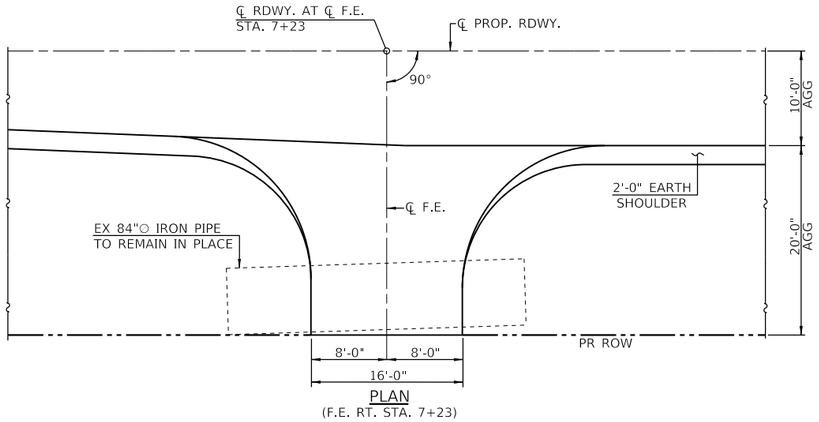
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VEENSTRA & KIMM INC.
Springfield, IL. Phone: (217)544-8033
IL. Design Firm No. 184-001939

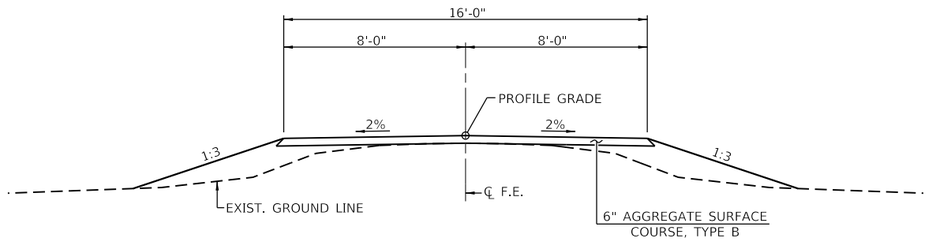
TYPICAL SECTIONS

SCALE: | SHEET OF SHEETS | STA. TO STA.

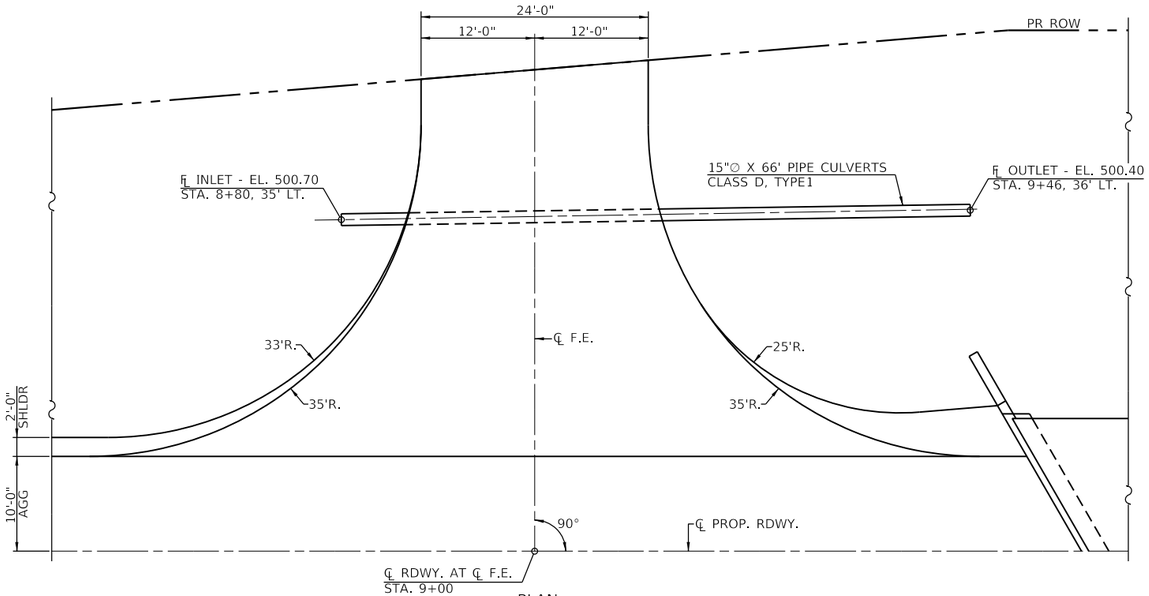
T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	24-03117-00-BR	MENARD	27	4
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			



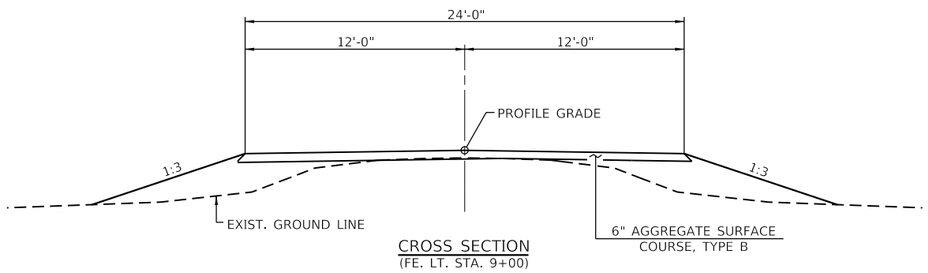
PLAN
(F.E. RT. STA. 7+23)



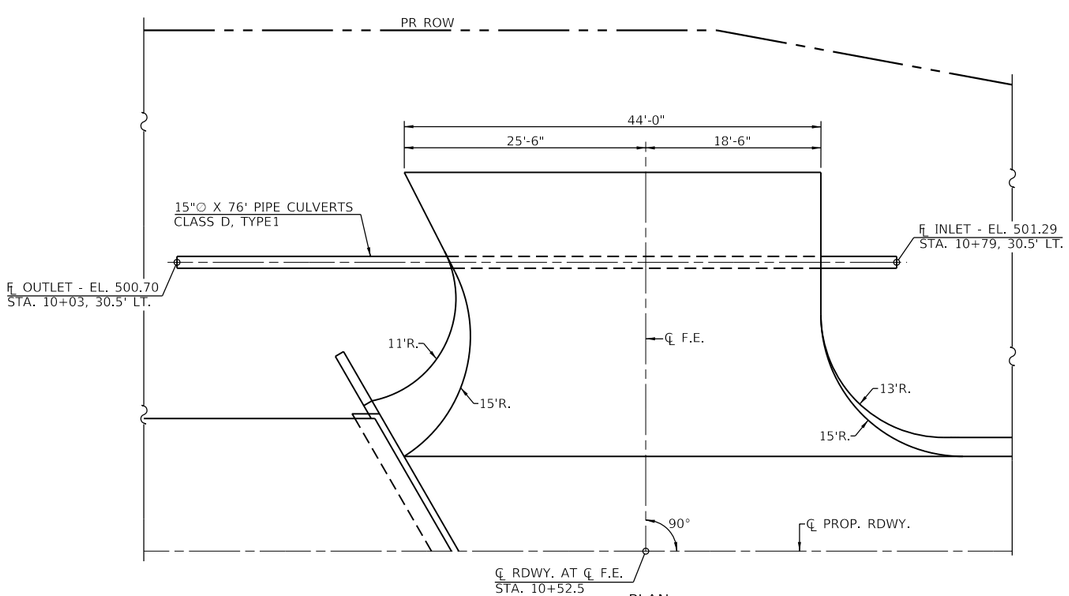
CROSS SECTION
(F.E. RT. STA. 7+23)



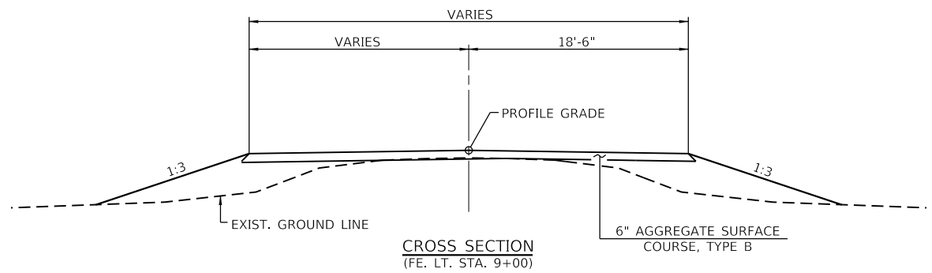
PLAN
(F.E. LT. STA. 9+00)



CROSS SECTION
(FE. LT. STA. 9+00)



PLAN
(F.E. LT. STA. 10+52.5)



CROSS SECTION
(FE. LT. STA. 9+00)

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PLOT DATE = 11/5/2026	DATE -	REVISED -	

VEENSTRA & KIMM INC.
A Kleinfelder Company

ENTRANCE DETAILS

SCALE: 1" = 8' | SHEET 1 OF 1 SHEETS | STA. | TO STA.

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	24-03117-00-BR	MENARD	27	5
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

EARTHWORK

LOCATION	20200100 EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU. YD.	CU. YD.	CU. YD.	CU. YD.
STA. 6+50 TO STA. 9+57.75*	355	266	1255	*-724
F.E. STA. 9+00 LT.			49	-49
F.E. STA. 10+52.5 LT.			23	-23
STA. 10+32.75 TO STA. 12+50	61	46	268	-222
TOTAL	416	312	1595	*-1018

*QUANTITY HAS BEEN REDUCED BY 265 CUBIC YARDS OF SUITABLE CHANNEL EXCAVATION.

X2501000 SEEDING, CLASS 2 (SPECIAL)

LOCATION	SEEDING CLASS 2 (SPECIAL)
	ACRE
STA. 6+50 TO STA. 12+50 LT.	0.38
STA. 6+50 TO STA. 12+50 RT.	0.42
TOTAL	0.80

40200800 AGGREGATE SURFACE COURSE

LOCATION	AGGREGATE SURFACE COURSE
	TON
STA. 6+50 TO STA. 9+57.75	280
STA. 10+32.75 TO STA. 12+50	195
F.E. STA. 7+23 RT.	15
F.E. STA. 9+00 LT.	53
F.E. STA. 10+52.5 LT.	29
TOTAL	572

542D0213 PIPE CULVERTS, CLASS D, TYPE 1 15"

LOCATION	PIPE CULVERTS CLASS D, TYPE 1 15"
	FOOT
STA. 8+80 35' LT. TO STA. 9+46 36' LT.	66
STA. 10+03 30.5' LT. TO STA. 10+79 30.5' LT.	76
TOTAL	142

28100207 STONE RIPRAP, CLASS A4

LOCATION	STONE RIPRAP, CLASS A4
	TON
DOWNSTREAM AREA INCLUDING TOE	297
UPSTREAM AREA INCLUDING TOE	658
BRIDGE AREA	160
TOTAL	1115

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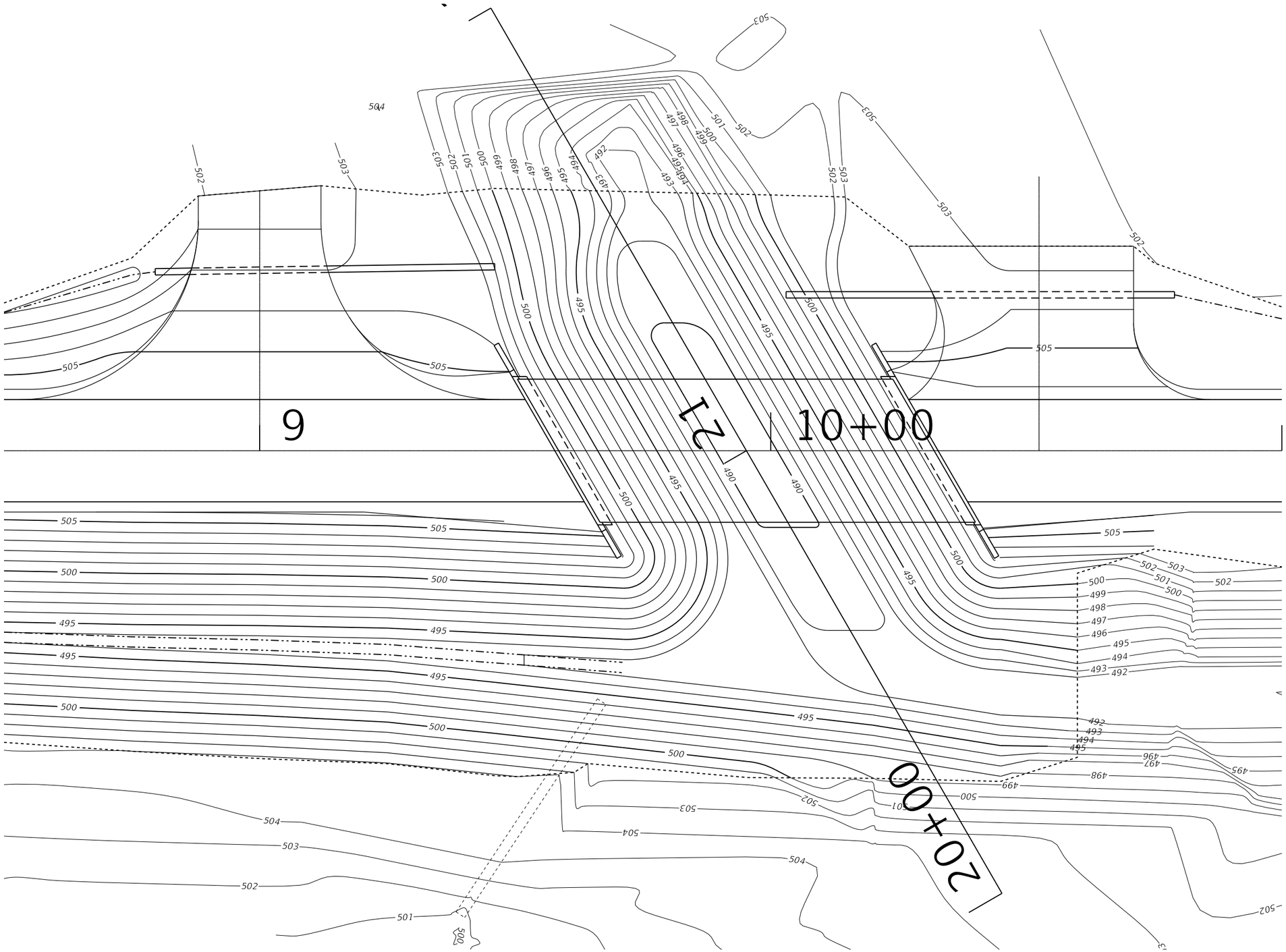
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PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 11/5/2026	DATE -	REVISED -

VEENSTRA & KIMM INC.
A Kleinfelder Company

QUANTITY SCHEDULES

SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	24-03011-00-BR	MENARD	27	6
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		



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	DRAWN - _____	REVISED - _____	
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PLOT DATE = 11/5/2026	DATE - _____	REVISED - _____	

VEENSTRA & KIMM INC.
A Kleinfelder Company

GRADING PLAN

SCALE: 1" = 10' | SHEET 1 OF 1 SHEETS | STA. _____ | TO STA. _____

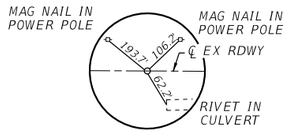
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11	24-03117-00-BR	MENARD	27	7
		CONTRACT NO. ____		
	ILLINOIS	FED. AID PROJECT		

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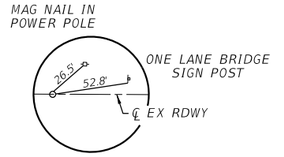
WILLIAM AND ELIZABETH MONTGOMERY
PARCEL NO. 07-10-400-003

T.19 N., R. 6 W., SECTION 15

DONNA WAGONER C/O PATRICIA LAWFER
PARCEL NO. 07-11-300-001



TIE #1
STA. 6+50
N. 1252755.8666, E. 2411615.5572
(⅝" IRON PIN)



TIE #2
STA. 12+50
N. 1252770.4239, E. 2412215.3806
(⅝" IRON PIN)

℄ RDWY AT ℄ STRUCTURE - STA. 9+95.25
PROPOSED STRUCTURE: SINGLE SPAN PRECAST PRESTRESSED CONCRETE DECK BEAMS (33") ON OPEN CONCRETE ABUTMENTS. 75'-0" BK.-BK. ABUTMENTS, 28'-0" OUT-OUT DECK, STEEL RAILING TYPE S1, 30° SKEW
RT. FWD. PROP. S.N. 065-3131

15"○ X 66' PIPE CULVERTS
CLASS D, TYPE1
℄ INLET - EL. 500.70
STA. 8+80, 35' LT.
℄ OUTLET - EL. 500.40
STA. 9+46, 36' LT.

15"○ X 76' PIPE CULVERTS
CLASS D, TYPE1
℄ INLET - EL. 501.29
STA. 10+79, 30.5' LT.
℄ OUTLET - EL. 500.70
STA. 10+03, 30.5' LT.

E. LINE, S. ½, SEC. 10

PROJECT BEGINS STA. 6+50.00

PROJECT BEGINS STA. 12+50.00

PR ROW

CONST LIM

EX ROW

S. LINE, S. ½, SEC. 10

S. LINE, S.W. ¼, SEC. 11

FLOW
GROVE CREEK

EX 24"○ CMP (TO REMAIN IN PLACE)
℄ OUT. - EL. 499.5

E. LINE, N.E. ¼, N.E. ¼ SEC. 15

+50 20',30'
+50 55'
+60 55'
+50 20'
+60 23.95'
+25 65'
+60 65'
FE +52.5
FE +23
FE +0.0

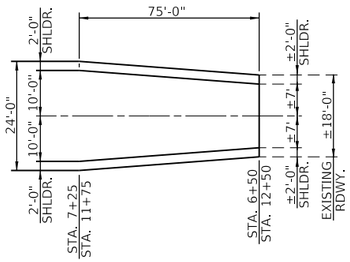
5+00 6 7 8 9 10 11 12 13 14 15+00

WILLIAM AND ELIZABETH MONTGOMERY
PARCEL NO. 07-15-200-002

TIMM R. REYNOLDS GST EXEMPT TRUST
TIMM R. REYNOLDS AND ROBIN S. REYNOLDS
PARCEL NO. 07-14-100-001

PLAN
0 50 100
SCALE: 1" = 50'

BM A - RR SPIKE HEAD IN SOUTH FACE OF POWER POLE
STA. 9+48 27' LT. - EL. 504.69



ROADWAY TRANSITION DETAIL

*FURNISHED EXCAVATION HAS BEEN REDUCED BY 265 CU. YD. OF SUITABLE CHANNEL AND STRUCTURE EXCAVATION

EARTH EXCAVATION - 355 CU. YD.
*FURNISHED EXCAVATION - 773 CU. YD.
EMBANKMENT - 1255 CU. YD.

75'-0"

EARTH EXCAVATION - 61 CU. YD.
FURNISHED EXCAVATION - 245 CU. YD.
EMBANKMENT - 268 CU. YD.

100.00' V.C.
ex = -0.13'
K = 98

100.00' V.C.
ex = -0.18'
K = 68

100.00' V.C.
ex = 0.18'
K = 68

POT STA. 6+50.00 PROJECT BEGINS
ELEV. 504.01

VPC STA. 8+50.00
ELEV. 506.04

VPI STA. 9+00.00
TAN. ELEV. 506.55

VPT STA. 9+50.00
ELEV. 506.55

BK. W. ABUT.
STA. 9+57.75

BK. E. ABUT.
STA. 10+32.75

VPC STA. 10+50.00
ELEV. 506.55

VPI STA. 11+00.00
TAN. ELEV. 506.55

VPRC STA. 11+50.00
ELEV. 505.82

VPI STA. 12+00.00
TAN. ELEV. 505.08

VPC STA. 12+50.00
ELEV. 505.08

PROJECT ENDS

℄ PR RDWY

+1.02% +1.02% +0.00% +0.00% +0.00% -1.47% -1.47% +0.00%

℄ EX RDWY

15 YR. FL.
EL. 502.3

100 YR. FL.
EL. 503.1

CHANNEL EXCAVATION

S.B EL. 490.0

PROFILE

5+00	6+00	7+00	8+00	9+00	10+00	11+00	12+00	13+00	14+00	15+00
502.83	502.84	503.18	503.48	504.01 / 504.01	503.73 / 504.52	503.19 / 505.02	502.80 / 505.53	502.53 / 506.04	503.25 / 506.42	504.54 / 506.55	504.69 / 506.55	505.13 / 506.55	504.86 / 506.37	504.83 / 505.82	505.08 / 505.27	505.08 / 505.08	504.85	504.75	504.74	504.81	505.02

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	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 11/5/2026	DATE -	REVISED -	

VEENSTRA & KIMM INC.
A Kleinfelder Company

PLAN & PROFILE

SCALE: 1" = 50' | SHEET 1 OF 1 SHEETS | STA. | TO STA.

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	24-03117-00-BR	MENARD	27	8
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

PLAN: SURVEYED, PLOTTED, AUTOMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, DRAWN, CHECKED, B.M. NOTED, STRUCTURE NO'S/TNS, CHKD

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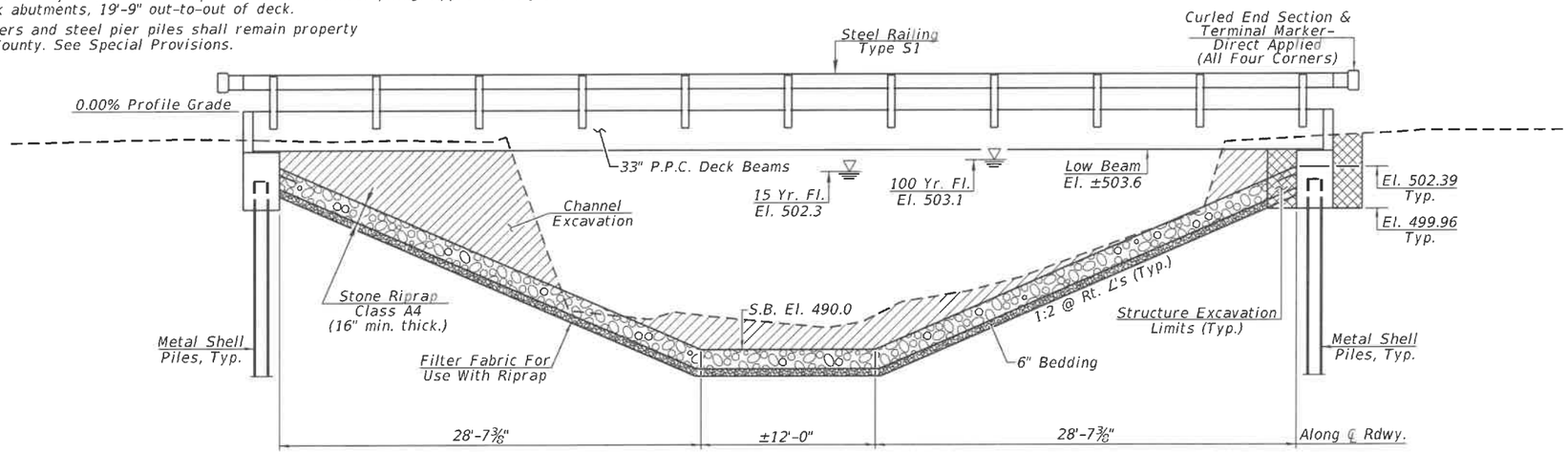
Benchmark: BM A – RR spike in south face of Power Pole on north side of Montgomery Avenue, west of Grove Creek Sta. 9+48, 27' Lt., El. 504.69

Existing Structure: Two span steel beams with transverse timber planks and longitudinal timber running boards supported by closed timber cap abutments on timber piling. Approximately 50'-0" back-to-back abutments, 19'-9" out-to-out of deck.

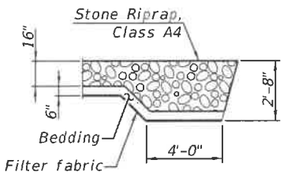
Salvage: Steel stringers and steel pier piles shall remain property of Menard County. See Special Provisions.

INDEX OF SHEETS

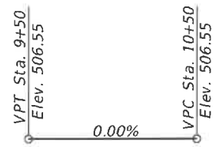
1 – General Plan & Elevation
2 – General Data
3-4 – Superstructure
5-6 – Steel Railing, Type S1
7 – Abutments
8 – Metal Shell Pile Details
9-10 – Boring Logs



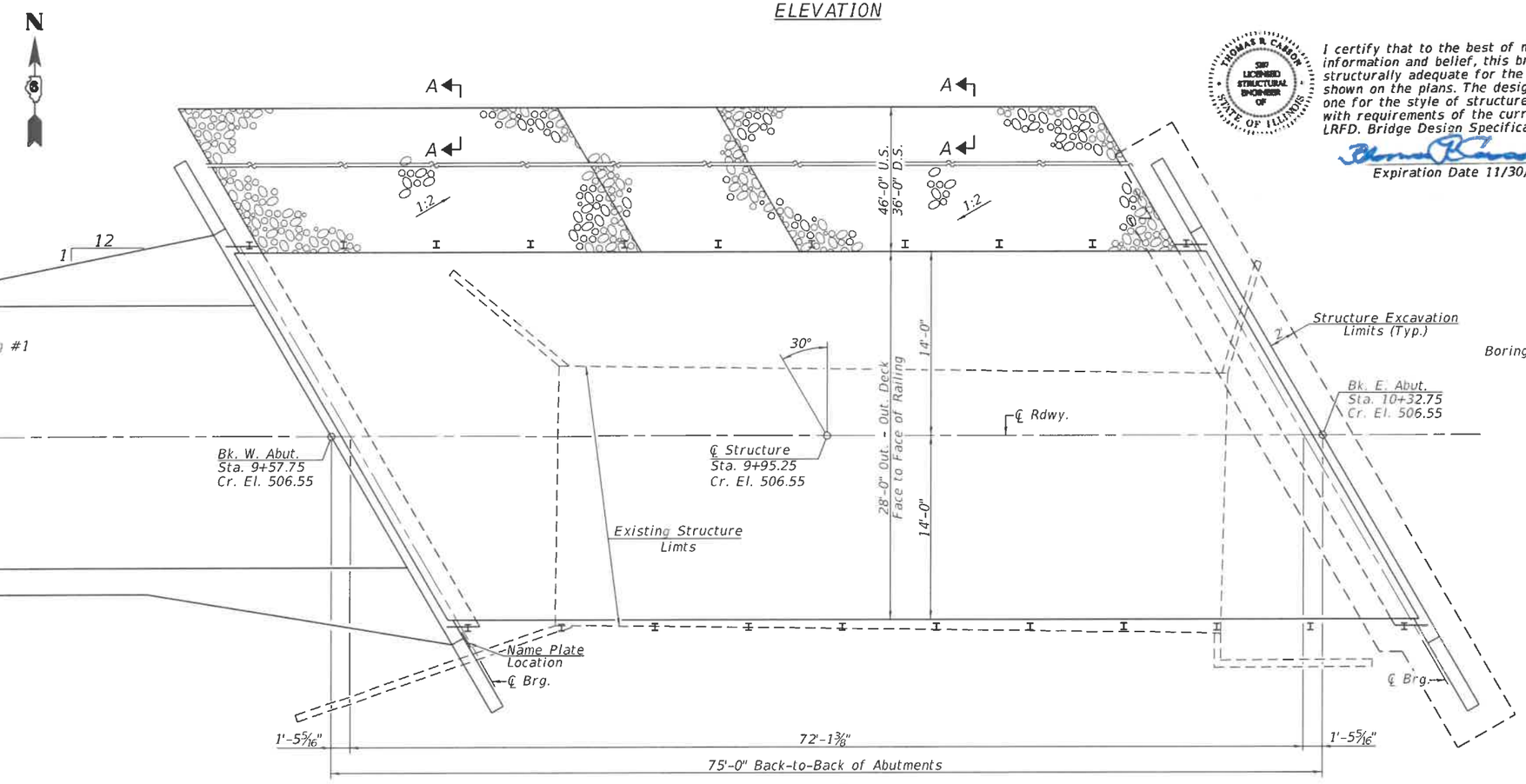
ELEVATION



SECTION A-A
(Downstream End & Southeast corner)



PROFILE GRADE



PLAN

I certify that to the best of my knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current "A.A.S.H.T.O. LRFD. Bridge Design Specifications".

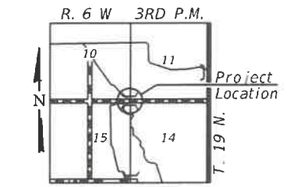
THOMAS R. CARON 081 LICENSED STRUCTURAL ENGINEER OF STATE OF ILLINOIS

8-26-2026

Expiration Date 11/30/2026

GROVE CREEK
BUILT 20 BY
ROAD DISTRICT NO. 3
MENARD COUNTY
SEC. 24-03117-00-BR
STATION 9+95.25
STR. NO. 065-3131 LOADING HL-93

NAME PLATE
See Std. 515001



LOCATION SKETCH

GENERAL PLAN & ELEVATION
T.R. 11 OVER GROVE CREEK
SECTION 24-03117-00-BR
MENARD COUNTY
STA. 9+95.25
STRUCTURE NO. 065-3131

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	DRAWN - JRP	REVISED -
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PLOT DATE = 9/25/2026	DATE - 8-14-2025	REVISED -

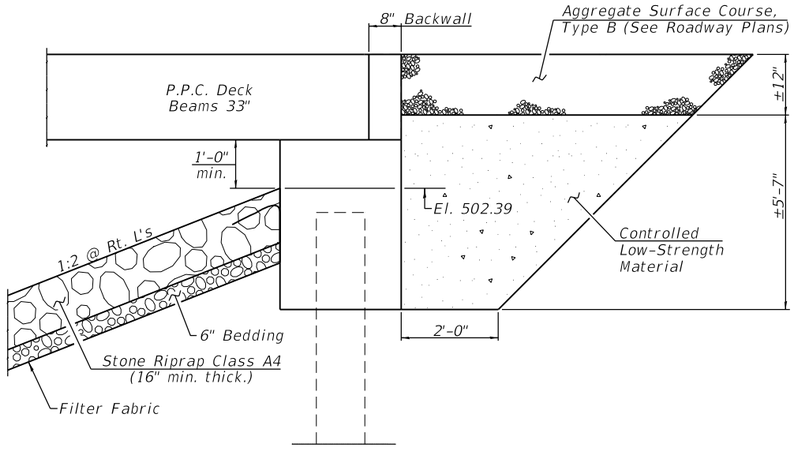
VEENSTRA & KIMM INC.
A Kleinfelder Company

GENERAL PLAN AND ELEVATION
STRUCTURE NO. 065-3131

SCALE: VARIES | SHEET 1 OF 10 SHEETS | STA. | TO STA.

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

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SECTION THRU ABUTMENT

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Channel Excavation	Cu. Yd.		440	440
Stone Riprap, Class A4	Ton		1115	1115
Filter Fabric	Sq. Yd.		1083	1083
Removal of Existing Structures	Each	1		1
Structure Excavation	Cu. Yd.		91	91
Concrete Structures	Cu. Yd.		33.2	33.2
Precast Prestressed Concrete Deck Beams (33" Depth)	Sq. Ft.	2057		2057
Reinforcement Bars, Epoxy Coated	Pound		4040	4040
Steel Railing, Type S1	Foot	150		150
Furnishing Metal Shell Piles 14" x 0.312"	Foot		448	448
Driving Piles	Foot		448	448
Test Pile Metal Shells	Each		2	2
Name Plates	Each	1		1
Controlled Low-Strength Material	Cu. Yd.		65	65
Terminal Marker - Direct Applied	Each	4		4

WATERWAY INFORMATION

Drainage Area = 16.6 Sq. Mi.

Ex. Overtopping Elev. 502.5 at Sta. 8+50
Pr. Overtopping Elev. 502.8 at Sta. 4+75

Flood	Freq. Yr.	Q C.F.S.	Opening Ft²		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Ten-Year	10	1830	457	426	501.9	0.2	0.2	502.1	502.1
Design	15	2128	476	449	502.3	0.4	0.2	502.7	502.5
Base	100	3447	501	498	503.1	0.4	0.4	503.5	503.5
Scour Check	200	3950	501	510	503.3	0.4	0.4	503.7	503.7
Max. Calc.	500	4627	501	522	503.5	0.3	0.4	503.8	503.9

10 year velocity through existing bridge = 4.0 fps
10 year velocity through proposed bridge = 4.3 fps

DESIGN SCOUR ELEVATION TABLE

Design Scour Elevations (ft.)	W. Abut.	E. Abut.
	499.96	499.96

GENERAL NOTES

Reinforcement bars designated (E) shall be epoxy coated. Layout of slope protection system may be varied to suit ground conditions in the field as directed by the Engineer. The Contractor shall drive one test pile in a permanent location at each abutment as directed by the Engineer in the field prior to ordering the remainder of piles.

LOADING HL-93

Allow 50#/Sq. Ft. for future wearing surface.

DESIGN SPECIFICATIONS

2024 AASHTO LRFD Bridge Design Specifications, 10th Edition.

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi (Substructure)
fy = 60,000 psi (Reinforcement)

PRECAST PRESTRESSED UNITS

f'c = 6,000 psi
f'ci = 5,000 psi
fpu = 270,000 psi (½"Ø low lax strands)
fpbt = 201,960 psi (½"Ø low lax strands)

SEISMIC DATA

Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (S_{D1}) = 0.134 g
Design Spectral Acceleration at 0.2 sec. (S_{DS}) = 0.224 g
Soil Site Class = D

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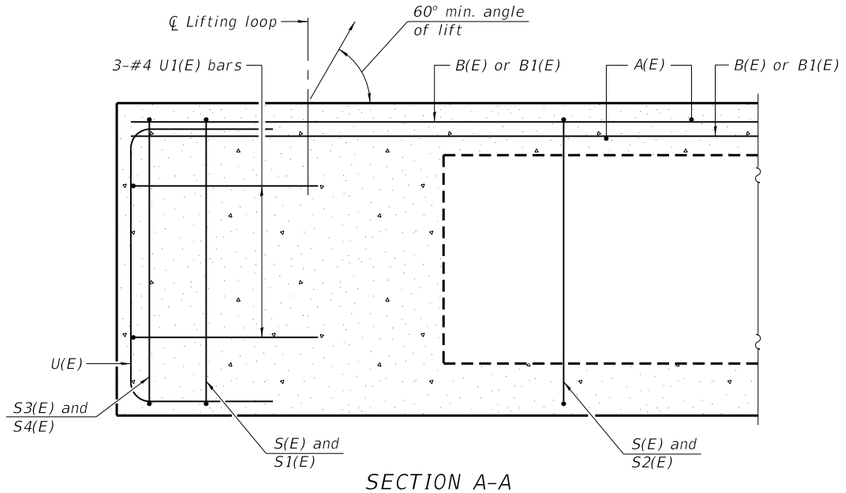
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VEENSTRA & KIMM INC.
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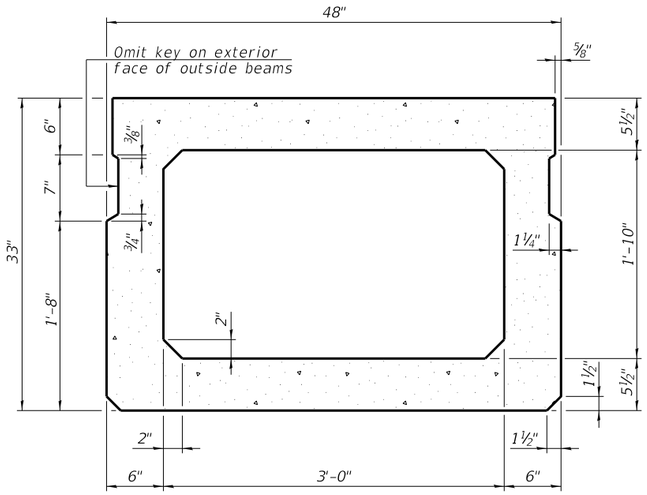
GENERAL DATA
STRUCTURE NO. 065-3131

SCALE: VARIES | SHEET 2 OF 10 SHEETS | STA. | TO STA.

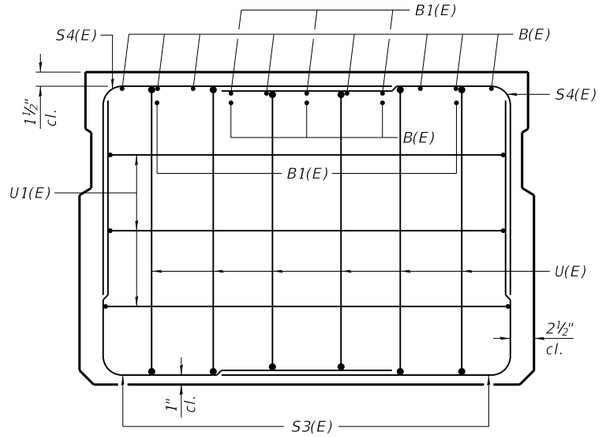
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		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			



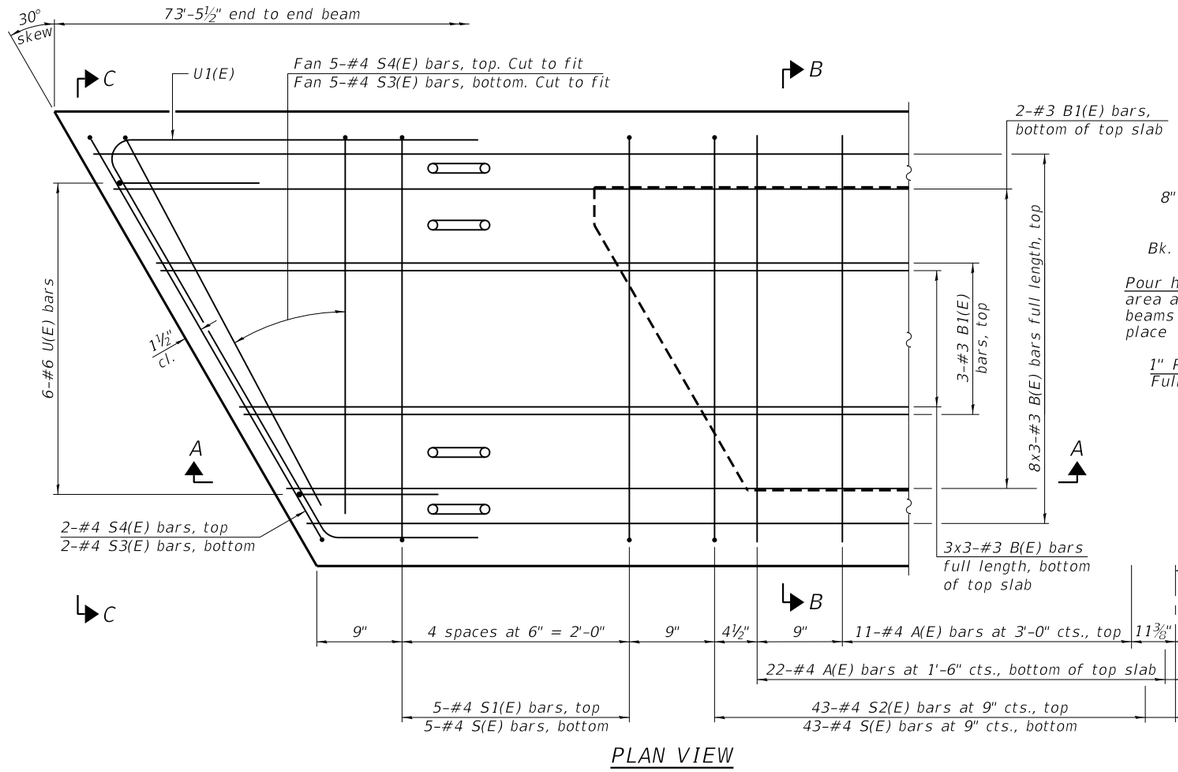
SECTION A-A



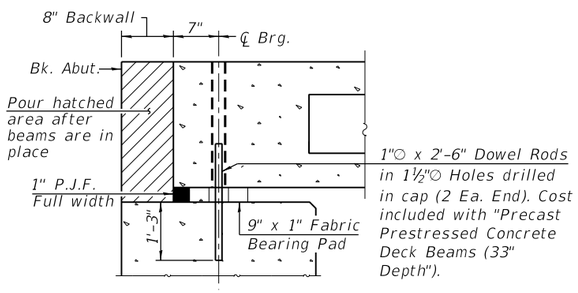
SECTION B-B
(Showing dimensions)



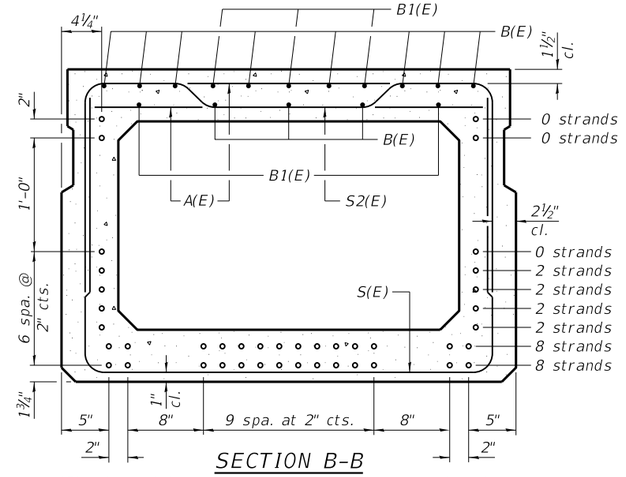
VIEW C-C



PLAN VIEW



SECTION THRU ABUTMENT
(At Right Angles)

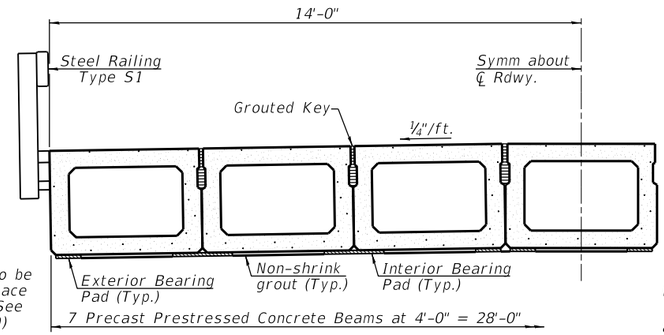


SECTION B-B
(Showing reinforcement and permissible strand locations)

Note:
Place the number of strands specified in each row symmetrically about the centerline of beam in the permissible strand locations shown.

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.

MINIMUM BAR LAP
#3 bar = 1'-4"



HALF CROSS SECTION

* Rail post anchors to be cast into exterior face of outside beams (See Sheets 5 & 6 of 10)

BAR LIST
ONE BEAM ONLY
(For information only)

Bar	No.	Size	Length	Shape
A(E)	67	#4	3'-7"	—
B(E)	33	#3	25'-4"	—
B1(E)	10	#3	10"-0"	—
S(E)	97	#4	8'-8"	⊔
S1(E)	10	#4	7'-1"	⊓
S2(E)	87	#4	7'-4"	⊓
S3(E)	14	#4	6'-8"	⌟
S4(E)	14	#4	5'-7"	⌟
U(E)	12	#6	5'-0"	⊏
U1(E)	6	#4	8'-8"	⊑

Notes:
Bars indicated thus 8 x 3-#3 etc. indicates 8 lines of bars with 3 lengths per line.
See Sheet 4 of 10 for additional details and Bill of Material.

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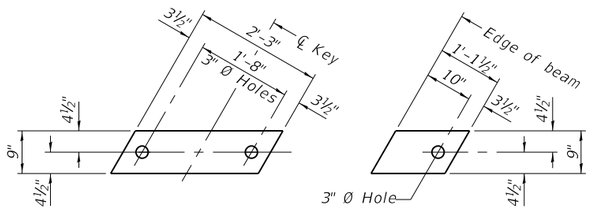
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	DRAWN - JRP	REVISED -	
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PLOT DATE = 9/25/2026	DATE -	REVISED -	

VEENSTRA & KIMM INC.
A Kleinfelder Company

33" x 48" PPC DECK BEAM
STRUCTURE NO. 065-3131

SCALE: VARIES | SHEET 3 OF 10 SHEETS | STA. | TO STA.

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

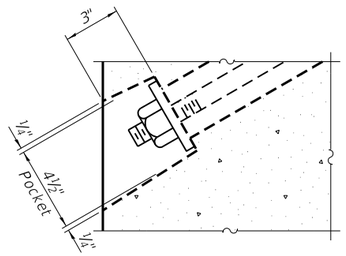


FABRIC BEARING PAD
(Interior)

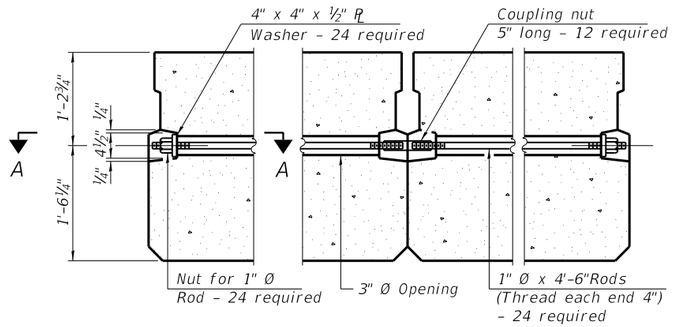
FABRIC BEARING PAD
(Exterior)

FIXED

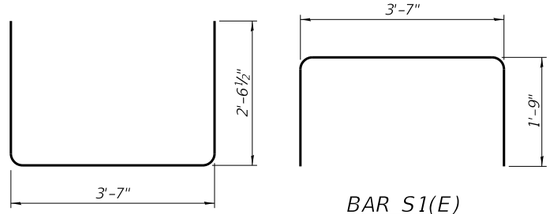
Notes: All bearing pads shall be 1" thick.
Omit holes when using expansion bearings.
Expansion bearing pads shall be bonded to the substructure.



SECTION A-A

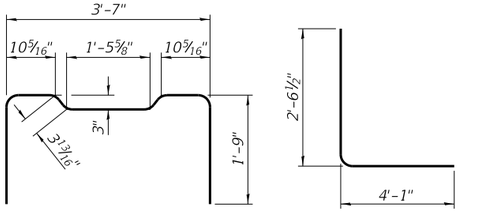


TYPICAL TRANSVERSE TIE ASSEMBLY



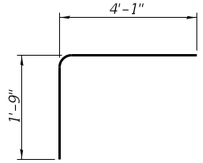
BAR S(E)

BAR S1(E)

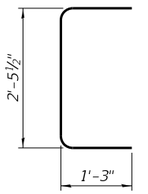


BAR S2(E)

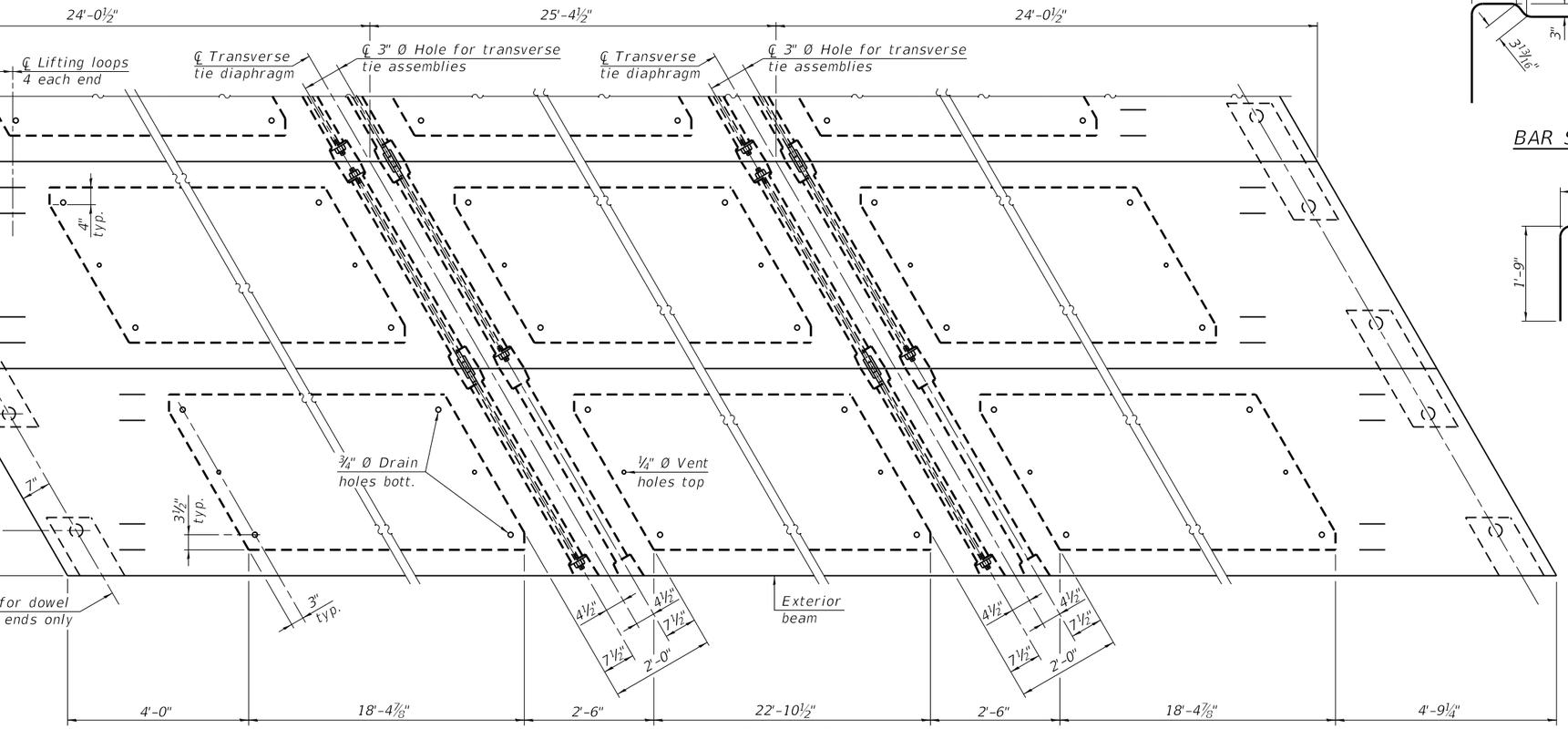
BAR S3(E)



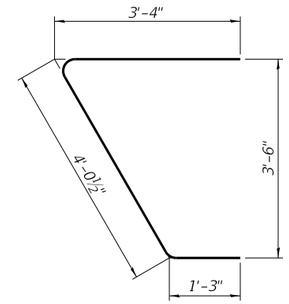
BAR S4(E)



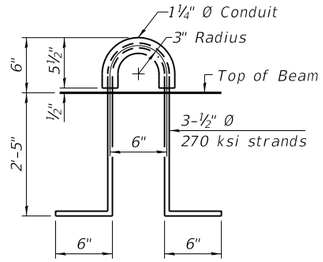
BAR U(E)



PLAN VIEW



BAR U1(E)



LIFTING LOOP DETAIL

NOTES

Prestressing steel shall be uncoated high strength, low relaxation 7-wire strand, Grade 270. The nominal diameter shall be ½" 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 ⅛" fabric adjusting shims of the dimensions of the exterior bearing pad shall be provided for each bearing pad location.

A minimum 2½" 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.

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

BILL OF MATERIAL

Precast Prestressed Conc. Deck Bms. (33" depth)	Sq. Ft.	2057

Bars indicated thus 8 x 3-#3 etc. indicates 8 lines of bars with 3 lengths per line.

PDD-3348-R 4-4-2025

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	DRAWN - JRP	REVISED -	
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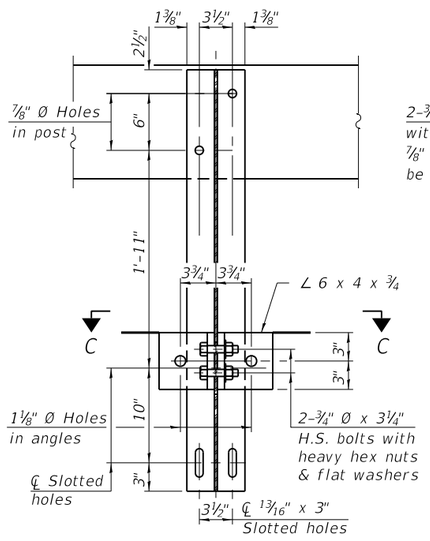
VEENSTRA & KIMM INC.
A Kleinfelder Company

33" x 48" PPC DECK BEAM
STRUCTURE NO. 065-3131

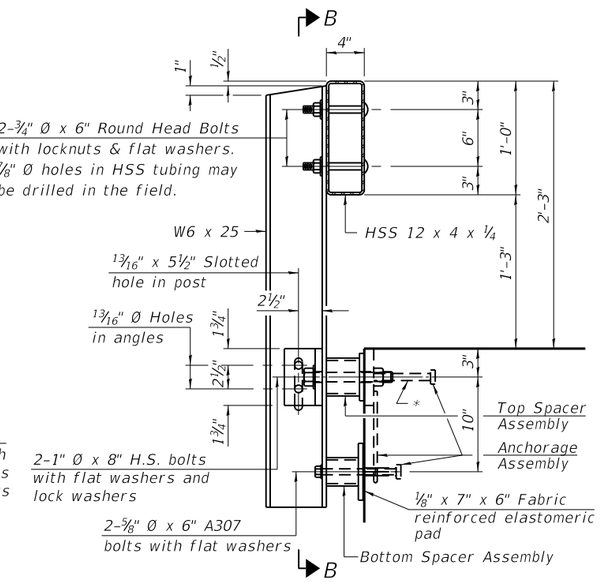
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T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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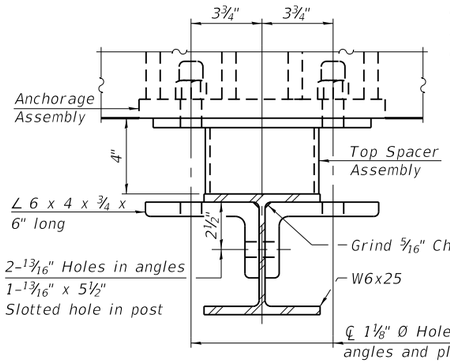


SECTION B–B

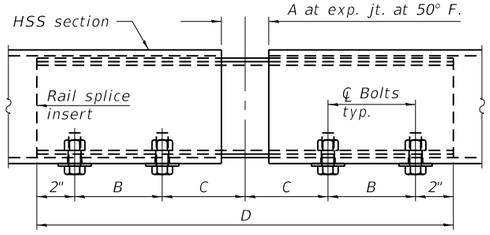


SECTION AT RAILING POST

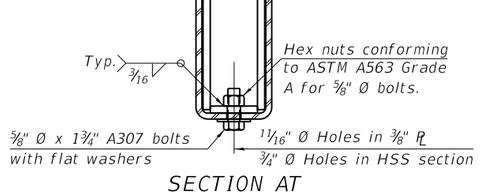
* *The outermost longitudinal reinforcement bar shall be placed directly above the studs of the rail post anchorage assembly. The anchorage studs may be bent down ½" to accommodate the top reinforcement bar placement.*



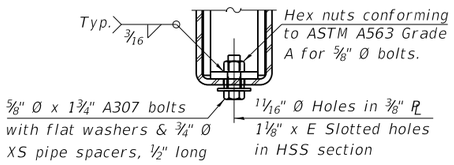
SECTION C–C



RAIL SPLICE ELEVATION



SECTION AT RAIL SPLICE



RAIL SPLICE CONNECTION AT EXPANSION JT.

SPLICE DIMENSIONS

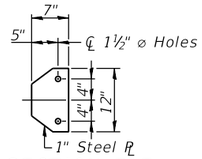
Location	T	A	B	C	D	E
All locs. not over exp. jts.	0	¼"	4"	4"	1'-8"	–
Over Strip Seal Jt.	≤4"	2½"	4⅜"	4⅜"	1'-10"	3¹⁄₁₆"
Over Finger or Modular Jt.	≤9½"	5½"	7⅜"	7¼"	2'-9¼"	5¹³⁄₁₆"
Over Finger or Modular Jt.	≤15"	8¼"	10⅛"	10"	3'-8¼"	8⁹⁄₁₆"

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

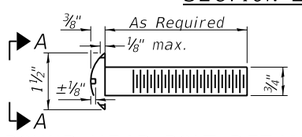
RAILING CRITERIA

NCHRP 350 Test Level	2
Railing Weight (plf)	50
Max Post Spacing	10'-9"
HMA thickness range (in)	1¼ – 3⅛

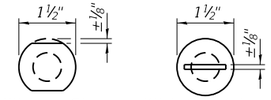
LR-23A-CES 4-4-2025



SECTION E–E

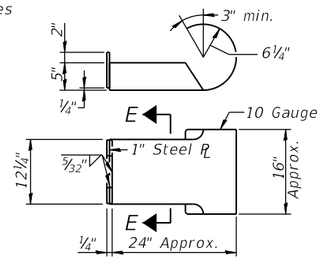


ROUND HEAD BOLT DETAIL



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

VIEW A–A



CURLED END SECTION DETAILS (4 Required)

(Cost of Curled End Sections to be included in the cost of Steel Railing, Type S1.)

Notes:

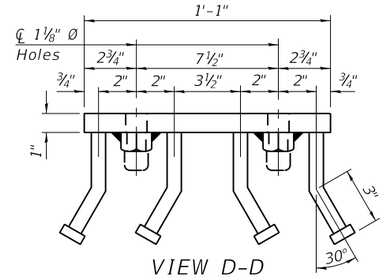
A sufficient number of shims of various thicknesses, sized to fit behind the top spacer assembly, 5" x 11½", and bottom spacer assembly, 6" x 7", shall be provided to adjust posts for proper alignment. If the summation of shims is greater than ¼" (top) or ½" (bottom), longer bolts are required. Cost included with Steel Railing, Type S1.

All steel rail elements including shims shall be galvanized according to Article 509.05 of the Standard Specifications.

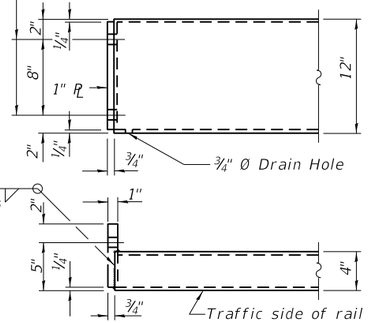
All HSS tubing serving as railing shall be CVN tested according to Article 1006.34(b) of the Standard Specifications.

Rail splice inserts may be built out of 2 –⅜" bent plates in lieu of the 4 plate rail splice inserts shown, provided the outside dimensions are matched.

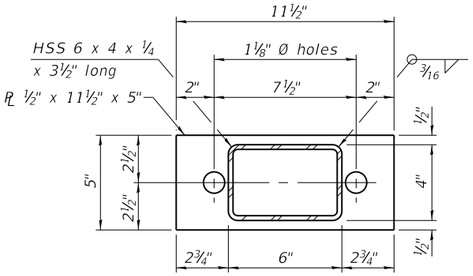
All round head bolts shall be ASTM A307 with locknuts according to ASTM A563 grade A.



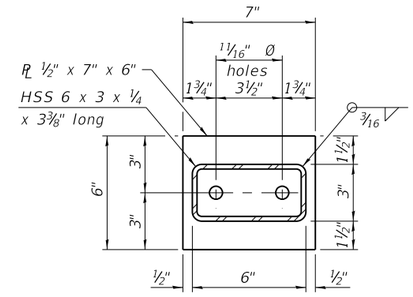
VIEW D–D



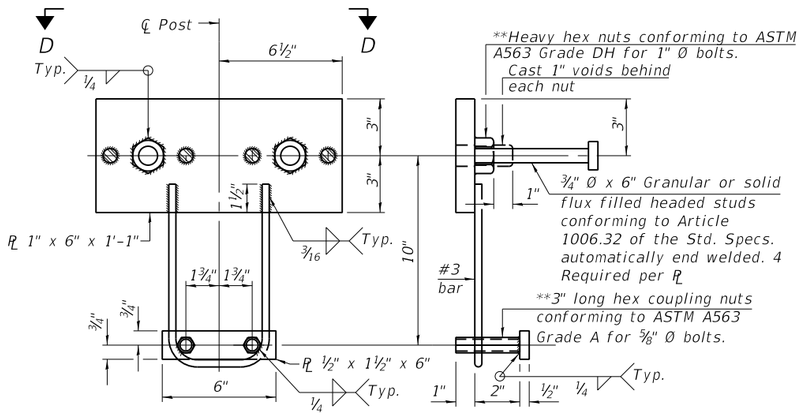
END OF RAIL DETAILS



TOP SPACER ASSEMBLY



BOTTOM SPACER ASSEMBLY



ANCHORAGE ASSEMBLY

** *Threaded areas shall be plugged or blocked off during casting of concrete.*

BILL OF MATERIAL

Item	Unit	Quantity
Steel Railing, Type S1	Foot	150

USER NAME = CKohlrus	DESIGNED - KES	REVISED -	
	DRAWN - JRP	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - TRC	REVISED -	
PLOT DATE = 9/25/2026	DATE -	REVISED -	

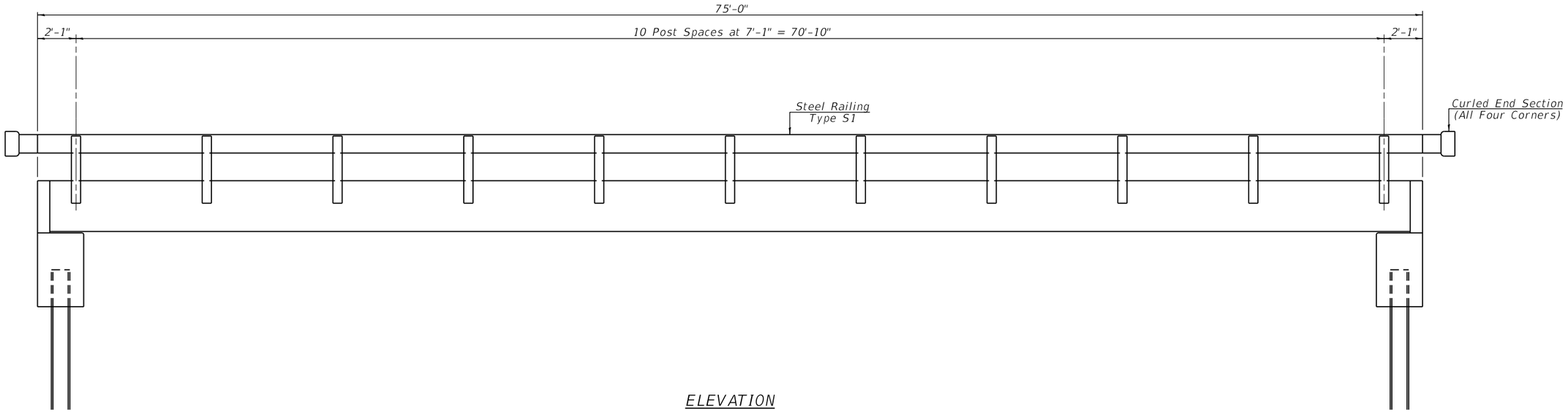
VEENSTRA & KIMM INC.
A Kleinfelder Company

STEEL RAILING, TYPE S1
STRUCTURE NO. 065–3131

SCALE: VARIES | SHEET 5 OF 10 SHEETS | STA. | TO STA.

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	24-03117-00-BR	MENARD	27	13
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

MODEL: 005
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ELEVATION

MODEL: 006
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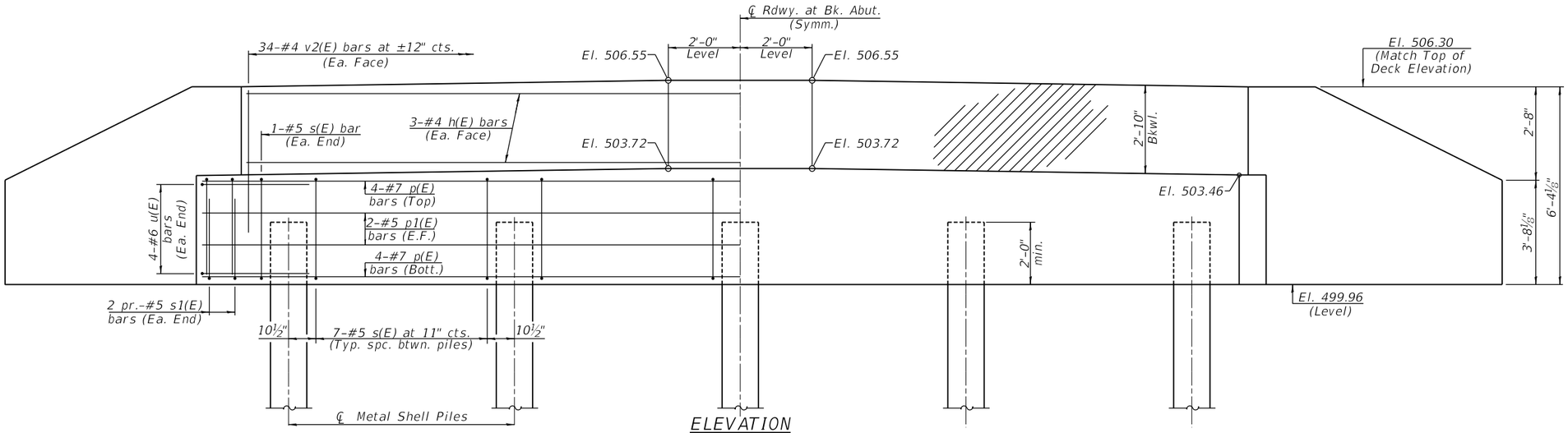
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	DRAWN - JRP	REVISED -	
PLOT SCALE = 6.0000 ' / in.	CHECKED - TRC	REVISED -	
PLOT DATE = 8/27/2026	DATE -	REVISED -	

VEENSTRA & KIMM INC.
A Kleinfelder Company

STEEL RAILING, TYPE S1
STRUCTURE NO. 065-3131

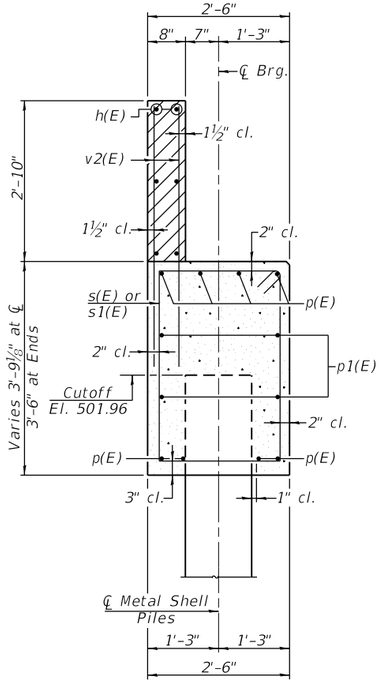
SCALE: VARIES | SHEET 6 OF 10 SHEETS | STA. | TO STA.

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	24-03117-00-BR	MENARD	27	14
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

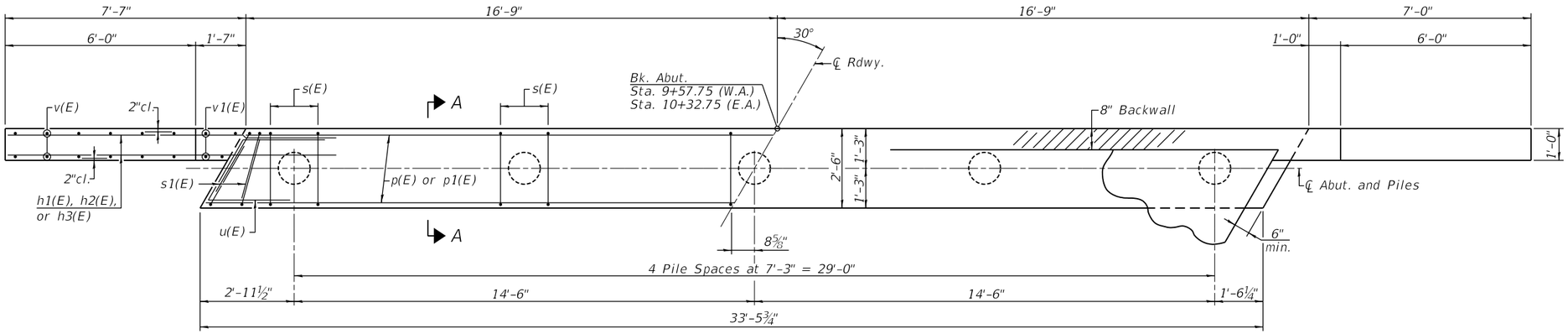


ELEVATION

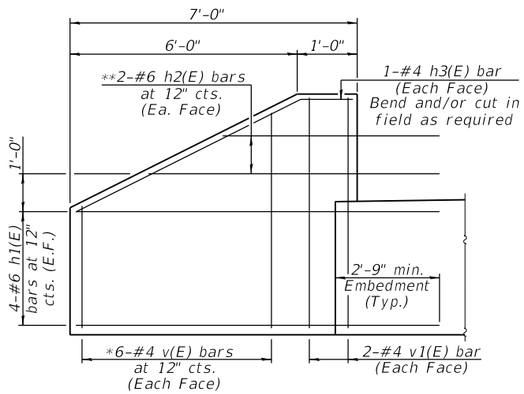
(W. Abut. Looking West)
(E. Abut. Looking East)



SECTION A-A

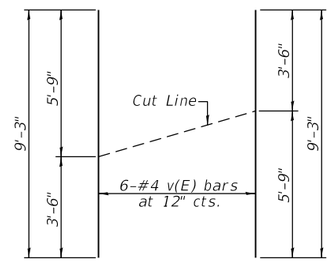


PLAN



WINGWALL ELEVATION

(Showing Reinforcement)
* See v(E) bar cutting diagram
** Field cut as required



v(E) BAR CUTTING DIAGRAM

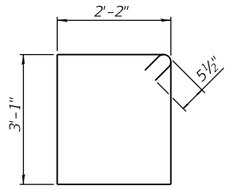
Order bars full length: Layout in field according to diagram. Cut bars along cut line. Use remainder of each bar in opposite face.

NOTES

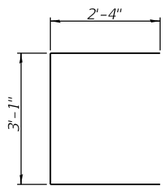
All exposed edges shall have standard ¾" chamfer.
Space reinforcement in cap to miss beam anchor dowels.
Wingwalls and Backwalls may, at the contractor's option, be cast monolithically.
Hatched area and wingwalls shall be poured after deck beams are anchored in place.
For details of piles see Sheet 8 of 10.

PILE DATA

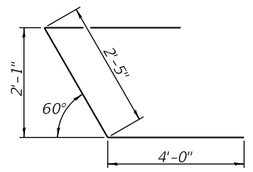
	W. Abut.	E. Abut.
Type:	Metal Shell Piles 14" x 0.312"	Metal Shell Piles 14" x 0.312"
Nominal Required Bearing:	411 kips	411 kips
Estimated Resistance Available:	226 kips	226 kips
Estimated Pile Length:	56'	56'
Number of Production Piles:	4	4
Number of Test Piles:	1	1



BAR s(E)



BAR s1(E)



BAR u(E)

BILL OF MATERIAL TWO ABUTENTS

BAR	NO.	SIZE	LENGTH	SHAPE
h(E)	12	#4	33'-1"	——
h1(E)	32	#6	10'-1"	——
h2(E)	16	#6	8'-10"	——
h3(E)	8	#4	10'-8"	——
p(E)	16	#7	33'-1"	——
p1(E)	8	#5	33'-1"	——
s(E)	60	#5	11'-5"	⌐
s1(E)	16	#5	7'-9"	⌐
u(E)	16	#6	10'-5"	⌐⌐
v(E)	24	#4	9'-3"	——
v1(E)	16	#4	6'-1"	——
v2(E)	136	#4	3'-11"	——

Structure Excavation	Cu. Yd.	91
Concrete Structures	Cu. Yd.	33.2
Reinforcement Bars, Epoxy Coated	Pound	4040
Furnishing Metal Shell Piles 14" x 0.312"	Foot	448
Driving Piles	Foot	448
Test Pile Metal Shells	Each	2

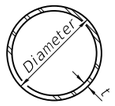
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	DRAWN - JRP	REVISED -	
PLOT SCALE = 4.0000 ' / in.	CHECKED - TRC	REVISED -	
PLOT DATE = 8/27/2026	DATE -	REVISED -	

VEENSTRA & KIMM INC.
A Kleinfelder Company

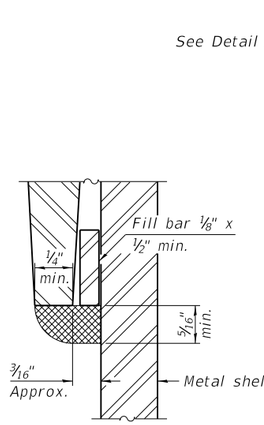
ABUTMENTS
STRUCTURE NO. 065-3131
SCALE: VARIES | SHEET 7 OF 10 SHEETS | STA. | TO STA.

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	24-03117-00-BR	MENARD	27	15
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

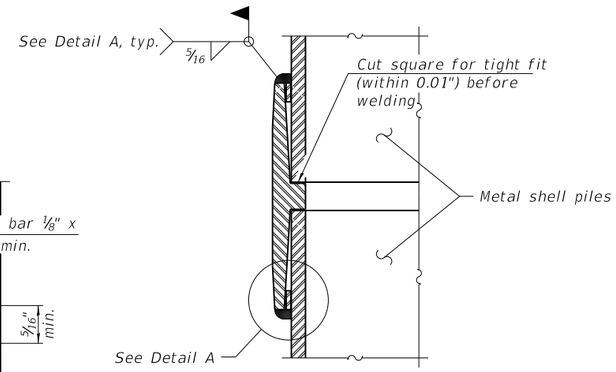


METAL SHELL PILE TABLE

Designation and outside diameter	Wall thickness t	Weight per foot (Lbs./ft.)	Inside volume (yd.³/ft.)
PP12	0.250"	31.40	0.0267
PP14	0.250"	36.75	0.0368
PP14	0.312"	45.65	0.0361
PP16	0.312"	52.32	0.0478
PP16	0.375"	62.64	0.0470

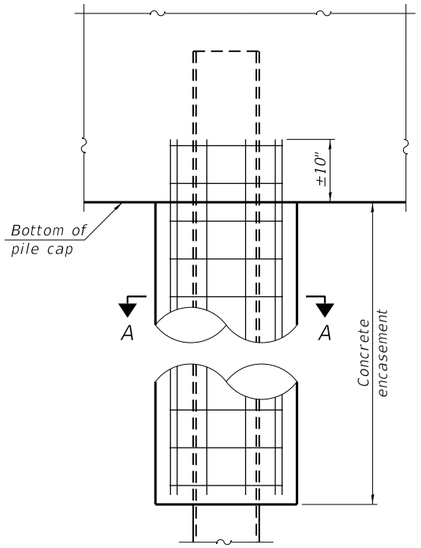


DETAIL A

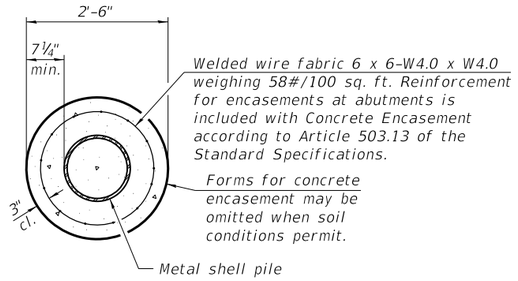


WELDED COMMERCIAL SPLICE

Notes:
The ⅛" x ½" min. fill bar may be constructed of 2 bars with a ⅛" max. gap between them.
Pile segments shall be driven to solid contact with splicer before welding.



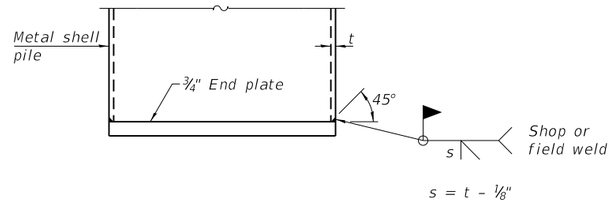
ELEVATION



SECTION A-A

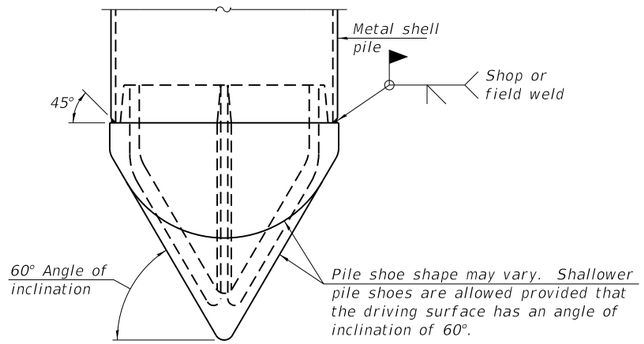
INDIVIDUAL PILE CONCRETE ENCASEMENT

(When specified)



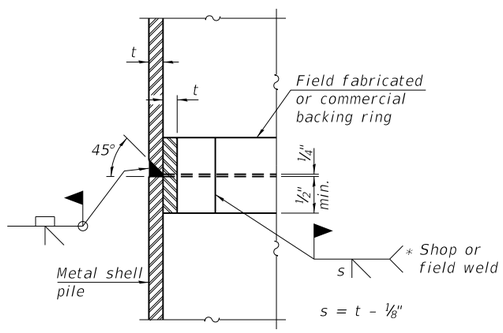
s = t - ⅛"

END PLATE ATTACHMENT



PILE SHOE ATTACHMENT

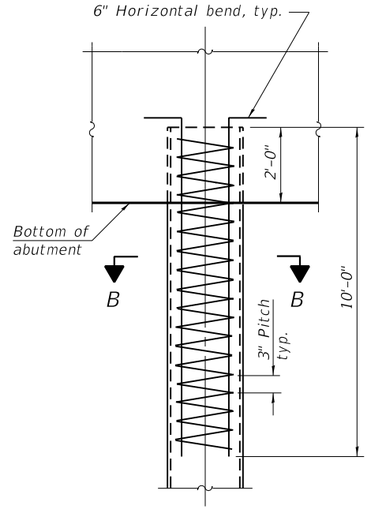
(When called for on the plans, the Contractor shall furnish metal shell pile shoes consisting of a single piece conical pile point as shown. The pile shoes shall be cast in one piece steel according to either ASTM A 148 Grade 80-50 or AASHTO M 103 Grade 65-35 and shall provide full bearing over the full circumference of the metal shell pile. The pile shoe shall have tapered leads to assure proper alignment and fitting and shall be secured to the pile with a circumferential weld).



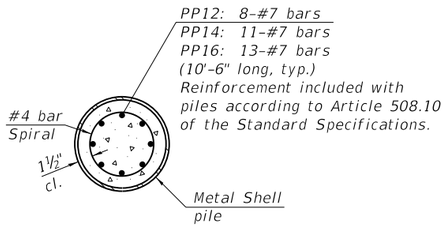
s = t - ⅛"

COMPLETE PENETRATION WELD SPLICE

* Field fabricated backing ring may be made from pile shell by removing segment to allow reducing circumference and vertically rejoin with partial joint penetration weld.



ELEVATION



SECTION B-B

REINFORCEMENT AT ABUTMENTS

(Omit when concrete encasement is specified)

Note:
The metal shell piles shall be according to Article 1006.05 of the Standard Specifications.

F-MS

4-4-2025

USER NAME = CKohlrus	DESIGNED - KES	REVISED -
	DRAWN - JRP	REVISED -
PLOT SCALE = 4.0000 ' / in.	CHECKED - TRC	REVISED -
PLOT DATE = 8/27/2026	DATE -	REVISED -

VEENSTRA & KIMM INC.
A Kleinfelder Company

METAL SHELL PILE DETAILS
STRUCTURE NO. 065-3131

SCALE: VARIES | SHEET 8 OF 10 SHEETS | STA. | TO STA.

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	24-03117-00-BR	MENARD	27	16
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

MODEL: 008
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BRIDGE FOUNDATION SOIL BORING LOG

MET Midwest Engineering and Testing, Inc.

Project:: Proposed Bridge Replacement
TR 11 over Grove Creek
Menard County, Illinois

Boring: B-1
Page: 1 of 2
Date of Boring: Aug 2, 2024
Drilled By: Dusty Crump
Checked By: Patrick A. Hahn
MET Project No: C43090

Ground Water Elevation:
when drilling: 492 ft.
upon completion: Caved at 496 ft.

Ground Surface Elevation: 504 ft.

DEPTH (ft.)	BLOWS (6")	Q_u (tsf)	MC (%)
6" Topsoil			
	3 5 6	-	11
Dark brown fine CLAYEY SAND (SC) with gravel			
	2 2 3	1.5P	18
Dark brown silty CLAY (CL) with sand			
5	2 3 3	2.0P	19
Brown and gray silty CLAY (CL)	2 2 2	1.0P	18
10			
Brown fine CLAYEY SAND (SC)	1 1 1	-	22
	1 1 2	-	23
15			
	2 3 3	-	23
	2 3 4	-	23
Brown fine-medium SAND (SP)			
20	3 3 4	-	17
	5 3 3	-	15
25			
Gray clayey SILT (ML)	4 6 7	0.75P	24
30	3 4 6	0.75P	27
	2 5 7	0.5P	24
Gray clayey SILT (ML)			
35	3 2 6	0.5P	21
	4 4 5	-	25
40			
Gray fine SAND (SP)			
45	4 7 12	-	18
50	9 13 17	-	18

N - Standard Penetration Test (SPT) = Sum of last two blow values in sample
MC- Moisture Content - Percent of dry weight
Qu- Unconfined Compressive Strength- tons per square foot (tsf)

Type Failure
Qu test

B-Bulge
S-Shear
P-Penetrometer

BRIDGE FOUNDATION SOIL BORING LOG

MET Midwest Engineering and Testing, Inc.

Project:: Proposed Bridge Replacement
TR 11 over Grove Creek
Menard County, Illinois

Boring: B-1
Page: 2 of 2
Date of Boring: Aug 2, 2024
Drilled By: Dusty Crump
Checked By: Patrick A. Hahn
MET Project No: C43090

DEPTH (ft.)	BLOWS (6")	Q_u (tsf)	MC (%)
55	9 15 19	-	19
60	12 12 15	-	24
Gray fine SAND (SP)			
65	10 14 17	-	25
70	11 16 19	-	20
END OF BORING @ 71.5 FEET			

N - Standard Penetration Test (SPT) = Sum of last two blow values in sample
MC- Moisture Content - Percent of dry weight
Qu- Unconfined Compressive Strength- tons per square foot (tsf)

Type Failure
Qu test

B-Bulge
S-Shear
P-Penetrometer

MODEL: 009
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USER NAME = ckohlrus	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 4.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 9/23/2025	DATE -	REVISED -

VEENSTRA & KIMM INC.
A Kleinfelder Company

BORING LOGS
STRUCTURE NO. 065-3131

SCALE: VARIES | SHEET 9 OF 10 SHEETS | STA. | TO STA.

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	24-03117-00-BR	MENARD	27	17
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

BRIDGE FOUNDATION SOIL BORING LOG

MET Midwest Engineering and Testing, Inc.

Project:: Proposed Bridge Replacement
TR 11 over Grove Creek
Menard County, Illinois

Boring: B-2
Page: 1 of 2
Date of Boring: Aug 2, 2024
Drilled By: Dusty Crump
Checked By: Patrick A. Hahn
MET Project No: C43090

Ground Water Elevation:
when drilling: 493 ft.
upon completion: Caved at 498 ft.

Ground Surface Elevation: 505 ft.

DEPTH (ft.)	BLOWS (6")	Q_u (tsf)	MC (%)
	4" Sandy Gravel		
	4 6 7	3.5P	12
	Dark brown silty CLAY (CL) with sand		
	3 2 3	2.5P	21
5			
	2 3 4	2.5P	17
	3 2 4	-	7
10			
	2 3 3	-	13
	2 2 2	-	23
15			
	2 1 1	-	23
	Brown fine-medium SAND (SP)		
	4 6 7	-	18
20			
	3 7 9	-	18
	11 9 10	-	17
25			
	11 12 9	-	17
	Brown fine-medium SAND (SP)		
30			
	1 2 3	0.5P	28
	2 1 2	1.0P	27
	Gray clayey SILT (ML)		
35			
	1 1 2	0.5P	22
40			
	5 7 11	-	20
45			
	3 2 3	-	20
	Gray fine SAND (SP)		
50			
	4 4 3	-	24

N - Standard Penetration Test (SPT) = Sum of last two blow values in sample
MC- Moisture Content - Percent of dry weight
Qu- Unconfined Compressive Strength- tons per square foot (tsf)

Type Failure
Qu test

B-Bulge
S-Shear
P-Penetrometer

BRIDGE FOUNDATION SOIL BORING LOG

MET Midwest Engineering and Testing, Inc.

Project:: Proposed Bridge Replacement
TR 11 over Grove Creek
Menard County, Illinois

Boring: B-2
Page: 2 of 2
Date of Boring: Aug 2, 2024
Drilled By: Dusty Crump
Checked By: Patrick A. Hahn
MET Project No: C43090

DEPTH (ft.)	BLOWS (6")	Q_u (tsf)	MC (%)
55			
	8 12 15	-	24
60			
	10 14 18	-	23
	Gray fine SAND (SP)		
65			
	11 15 18	-	26
70			
	13 18 20	-	24
	END OF BORING @ 71.5 FEET		

N - Standard Penetration Test (SPT) = Sum of last two blow values in sample
MC- Moisture Content - Percent of dry weight
Qu- Unconfined Compressive Strength- tons per square foot (tsf)

Type Failure
Qu test

B-Bulge
S-Shear
P-Penetrometer

MODEL: 010
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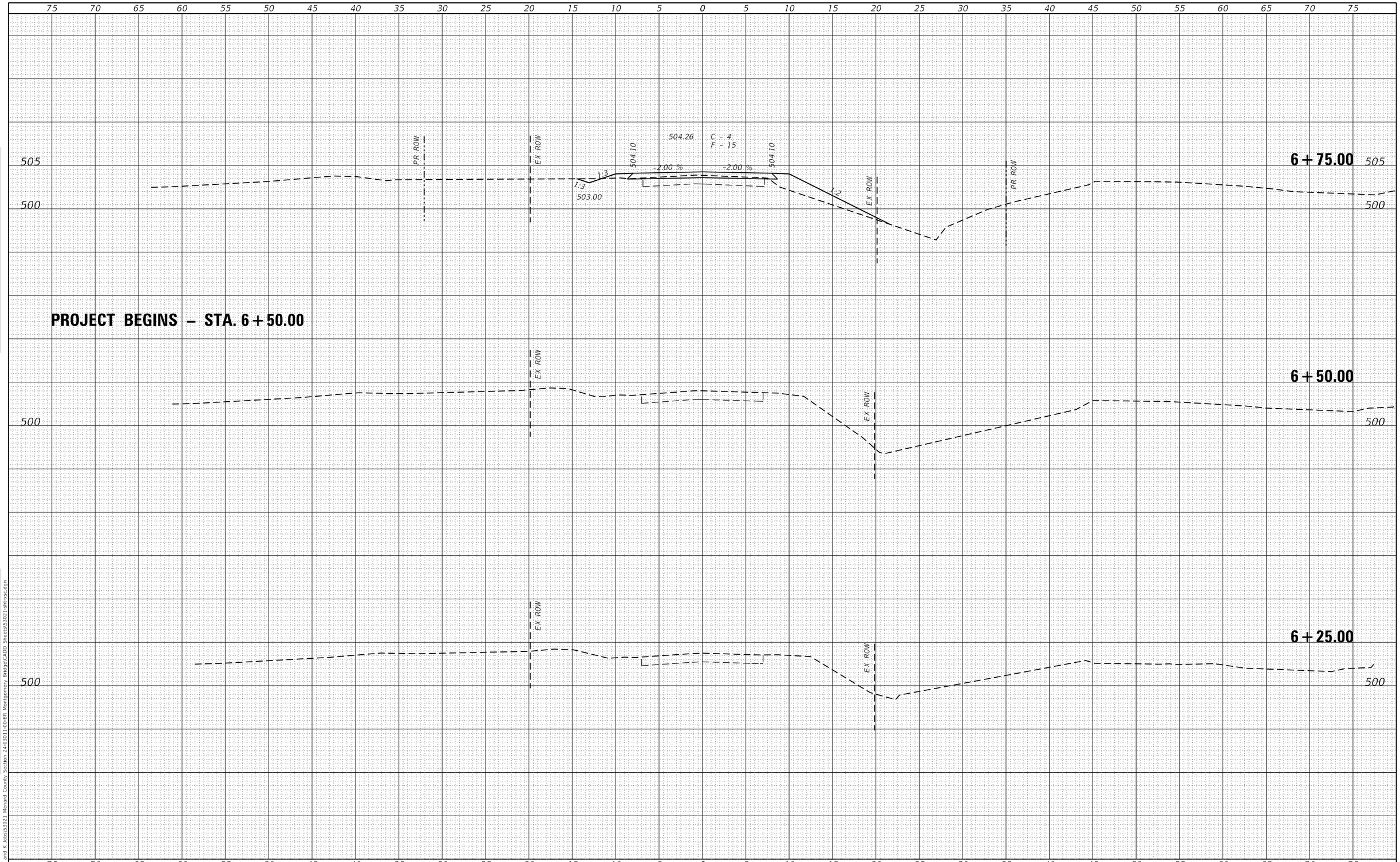
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	DRAWN -	REVISED -
PLOT SCALE = 4.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 9/23/2025	DATE -	REVISED -

VEENSTRA & KIMM INC.
A Kleinfelder Company

BORING LOGS
STRUCTURE NO. 065-3131

SCALE: VARIES | SHEET 10 OF 10 SHEETS | STA. | TO STA.

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	24-03117-00-BR	MENARD	27	18
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		



USER NAME = ckohlrus	DESIGNED -	REVISED -	
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PLOT SCALE = 10.0012 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 9/23/2025	DATE -	REVISED -	

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IL. Design Firm No. 184-001939

CROSS SECTIONS

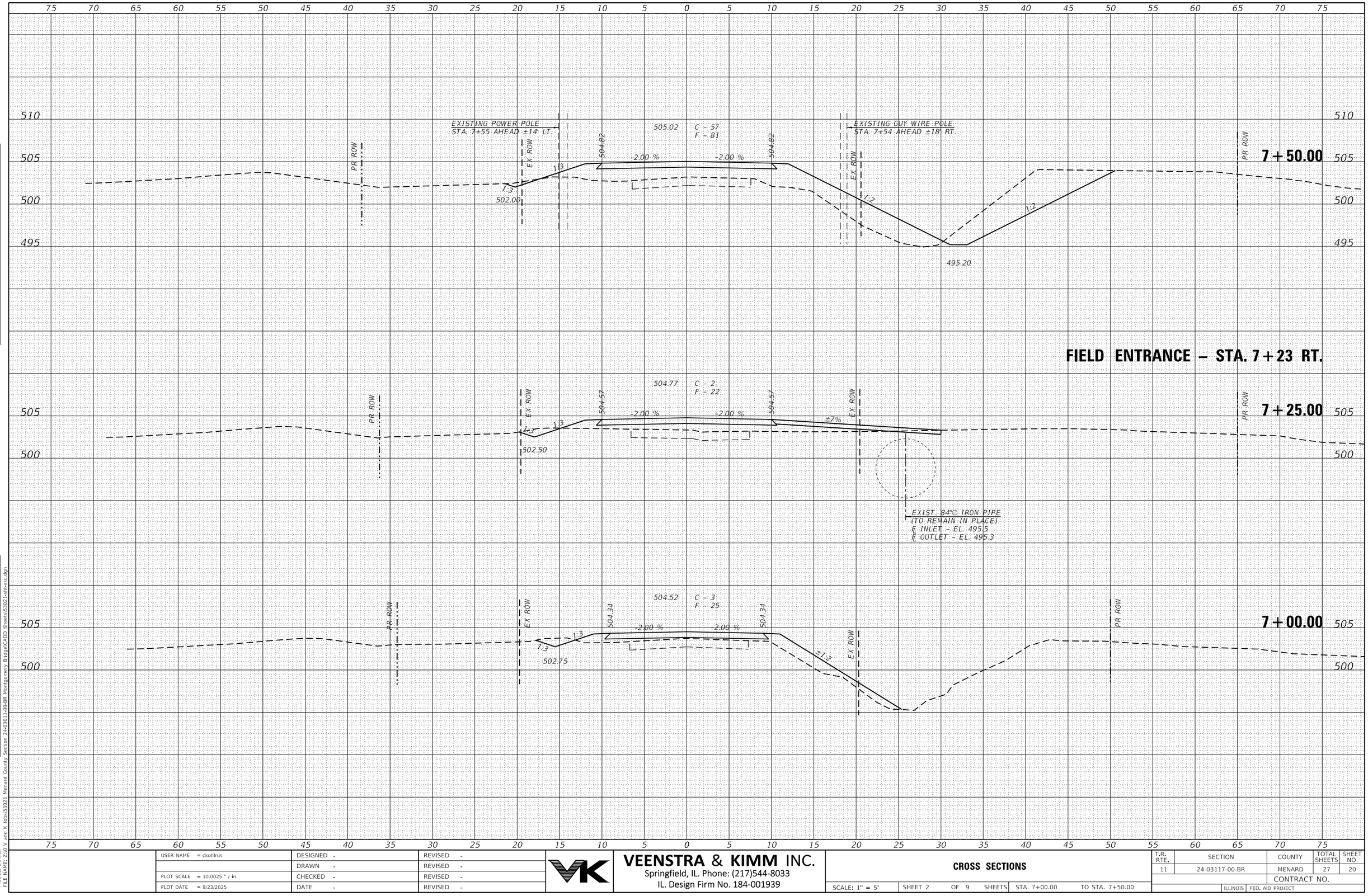
SCALE: 1" = 5' | SHEET 1 OF 9 SHEETS | STA. 6+25.00 TO STA. 6+75.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	24-03117-00-BR	MENARD	27	19
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

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

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

MODEL: Default
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USER NAME = ckohlrus	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 10.0025 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 9/23/2025	DATE -	REVISED -	

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IL. Design Firm No. 184-001939

CROSS SECTIONS

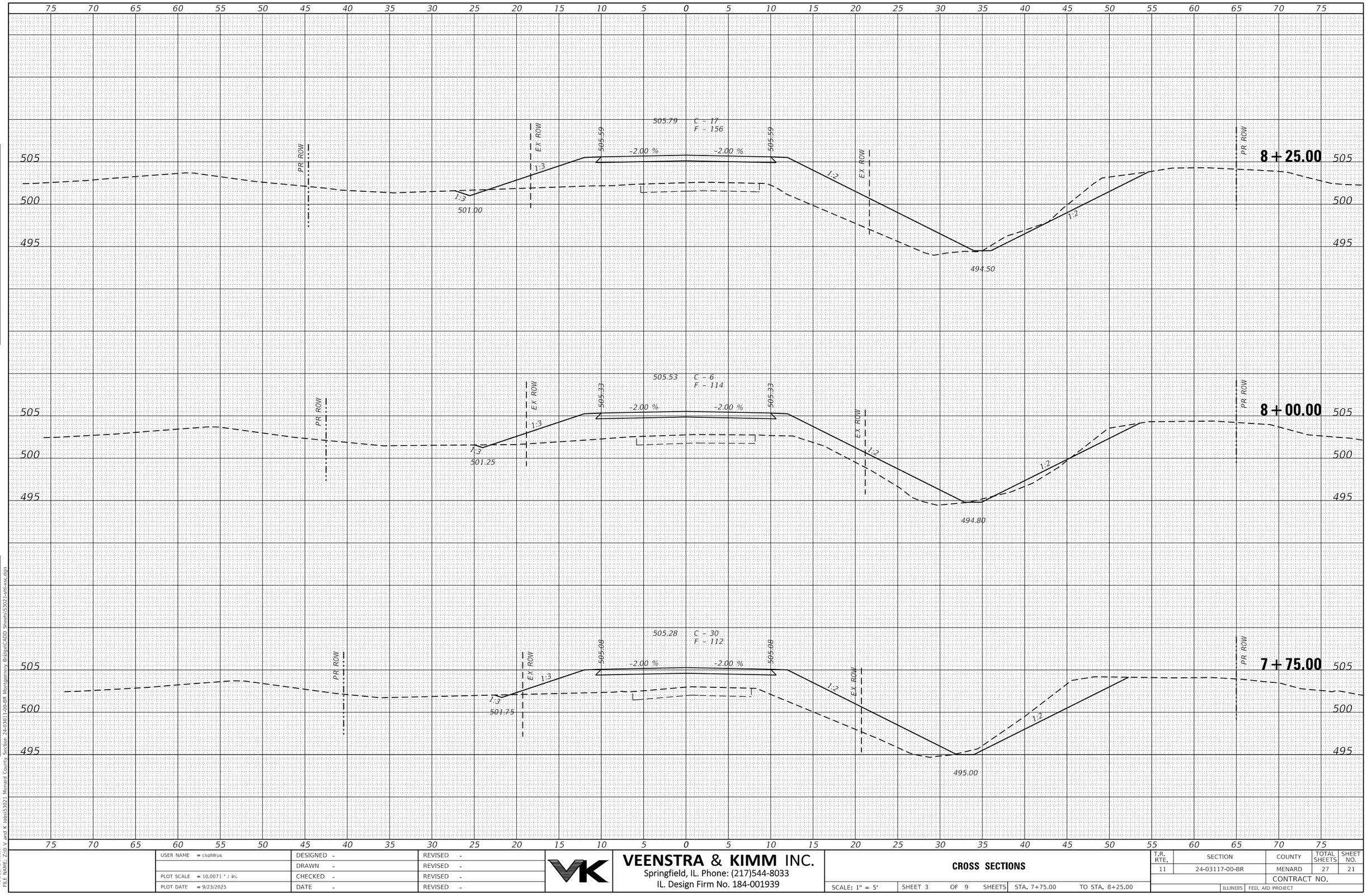
SCALE: 1" = 5' | SHEET 2 OF 9 SHEETS | STA. 7+00.00 TO STA. 7+50.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	24-03117-00-BR	MENARD	27	20
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

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

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

MODEL: Default
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	DRAWN -	REVISED -	
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PLOT DATE = 9/23/2025	DATE -	REVISED -	

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IL. Design Firm No. 184-001939

CROSS SECTIONS

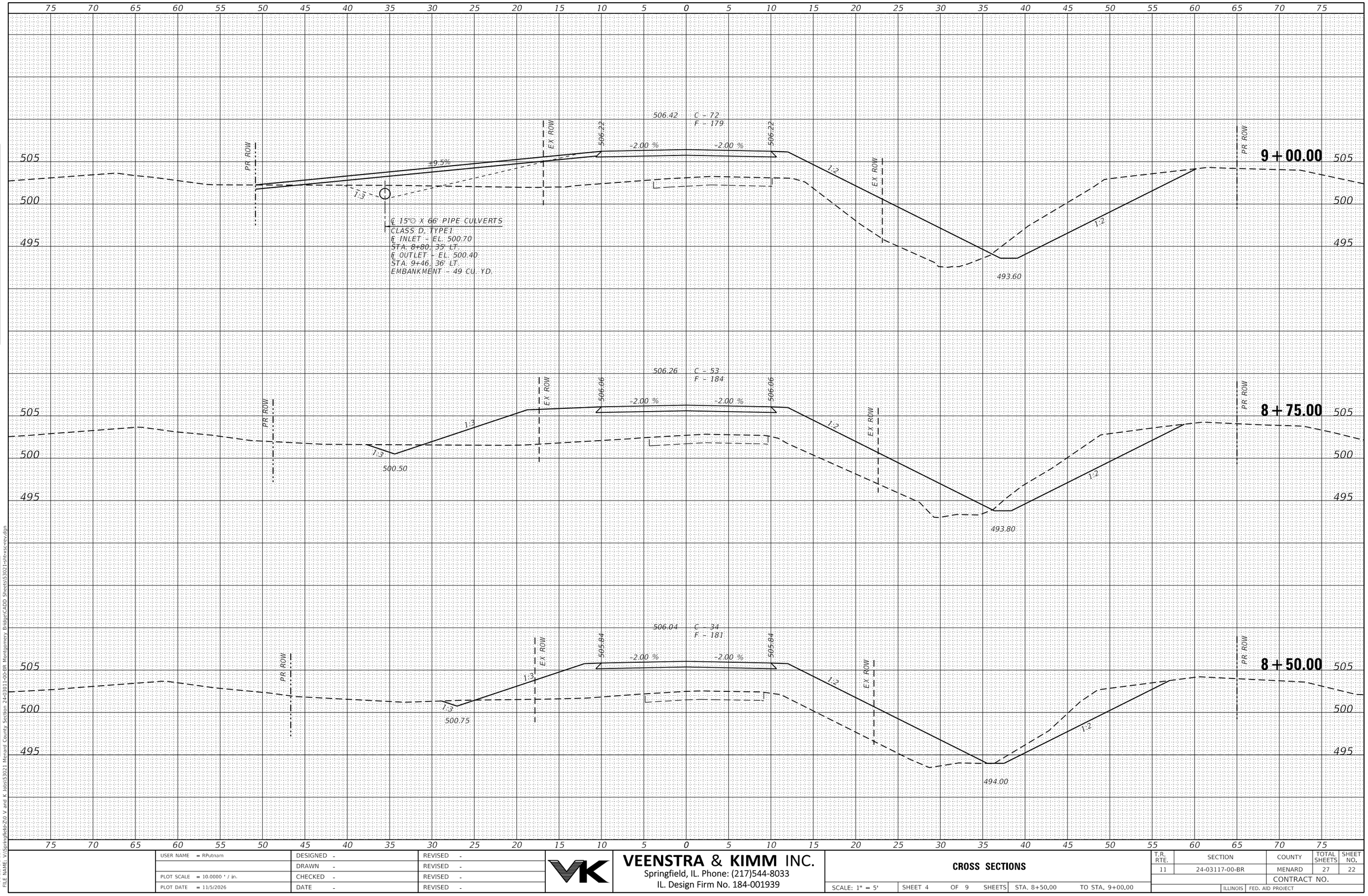
SCALE: 1" = 5' | SHEET 3 OF 9 SHEETS | STA. 7+75.00 TO STA. 8+25.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	24-03117-00-BR	MENARD	27	21
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

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

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

MODEL: Default
FILE NAME: Z:\0 V and K Jobs\53021 Menard County Section 24-03011-00-BR Montgomery Bridge\CADD Sheets\53021-sht-xss.dgn



USER NAME = RPutnam	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 11/5/2026	DATE -	REVISED -	

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CROSS SECTIONS

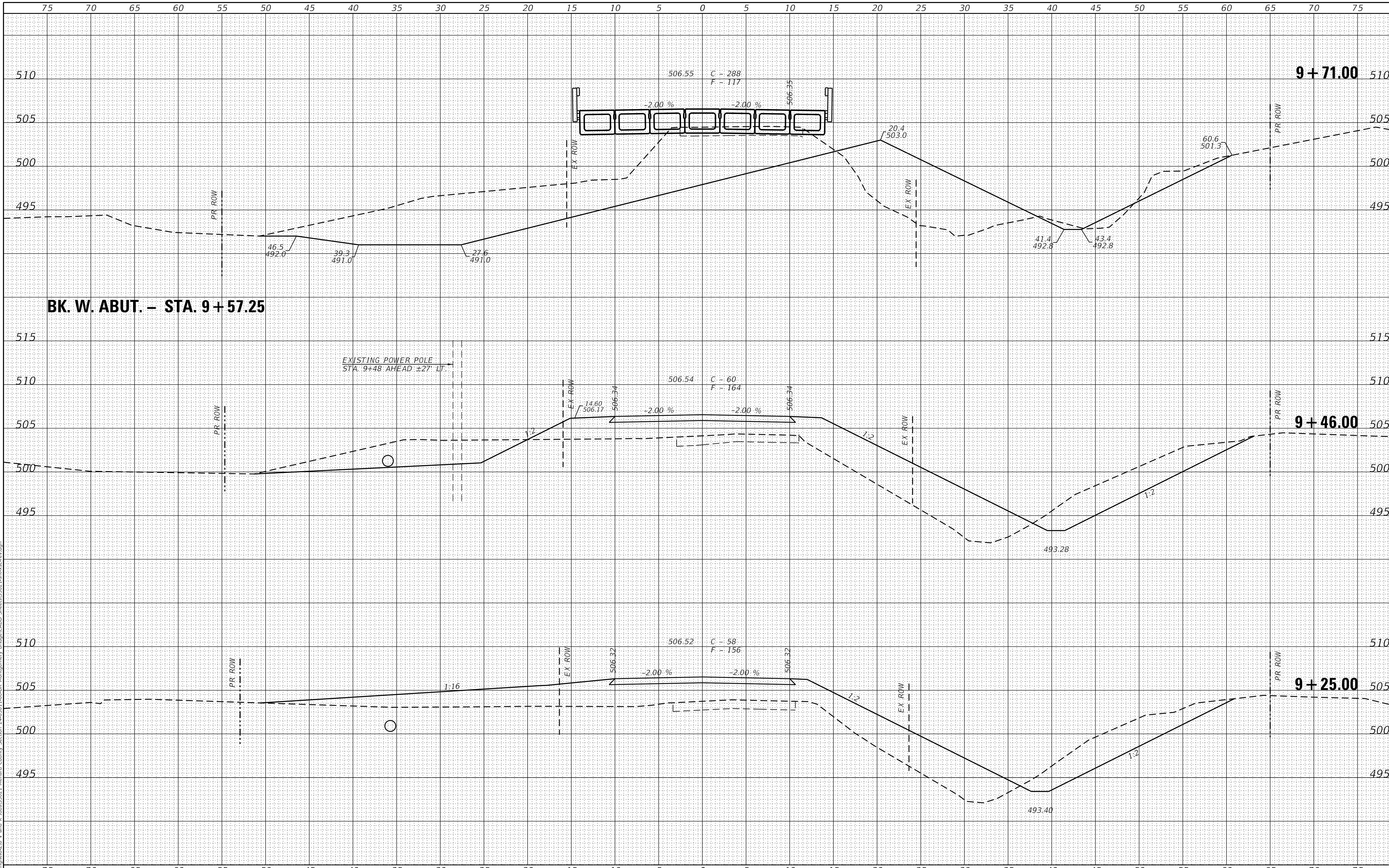
SCALE: 1" = 5' | SHEET 4 OF 9 SHEETS | STA. 8+50.00 | TO STA. 9+00.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	24-03117-00-BR	MENARD	27	22
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

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

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

MODEL: Default
FILE NAME: V:\Springfield\c-Z\0 V and K Jobs\53021 Menard County Section 24-03011-00-BR Montgomery Bridge\CADD Sheets\53021-sht-xsc-rev.dgn



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

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

MODEL: Default
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USER NAME = RPutnam	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 11/5/2026	DATE -	REVISED -	

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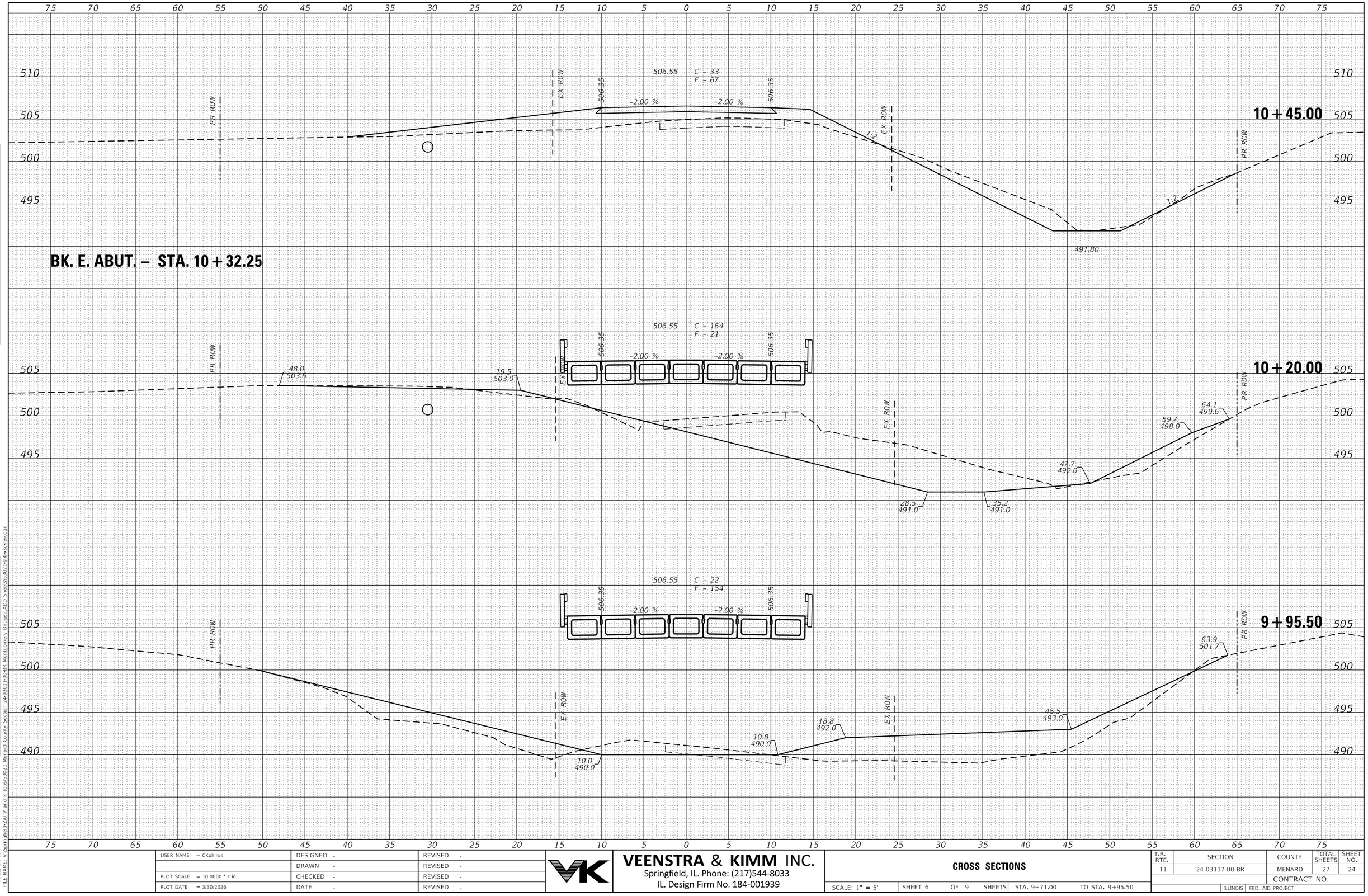
CROSS SECTIONS

SCALE: 1" = 5' | SHEET 5 OF 9 SHEETS | STA. 9+25.00 TO STA. 9+46.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	24-03117-00-BR	MENARD	27	23

CONTRACT NO.

ILLINOIS | FED. AID PROJECT



USER NAME = CKohlrus	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/30/2026	DATE -	REVISED -	

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IL. Design Firm No. 184-001939

CROSS SECTIONS

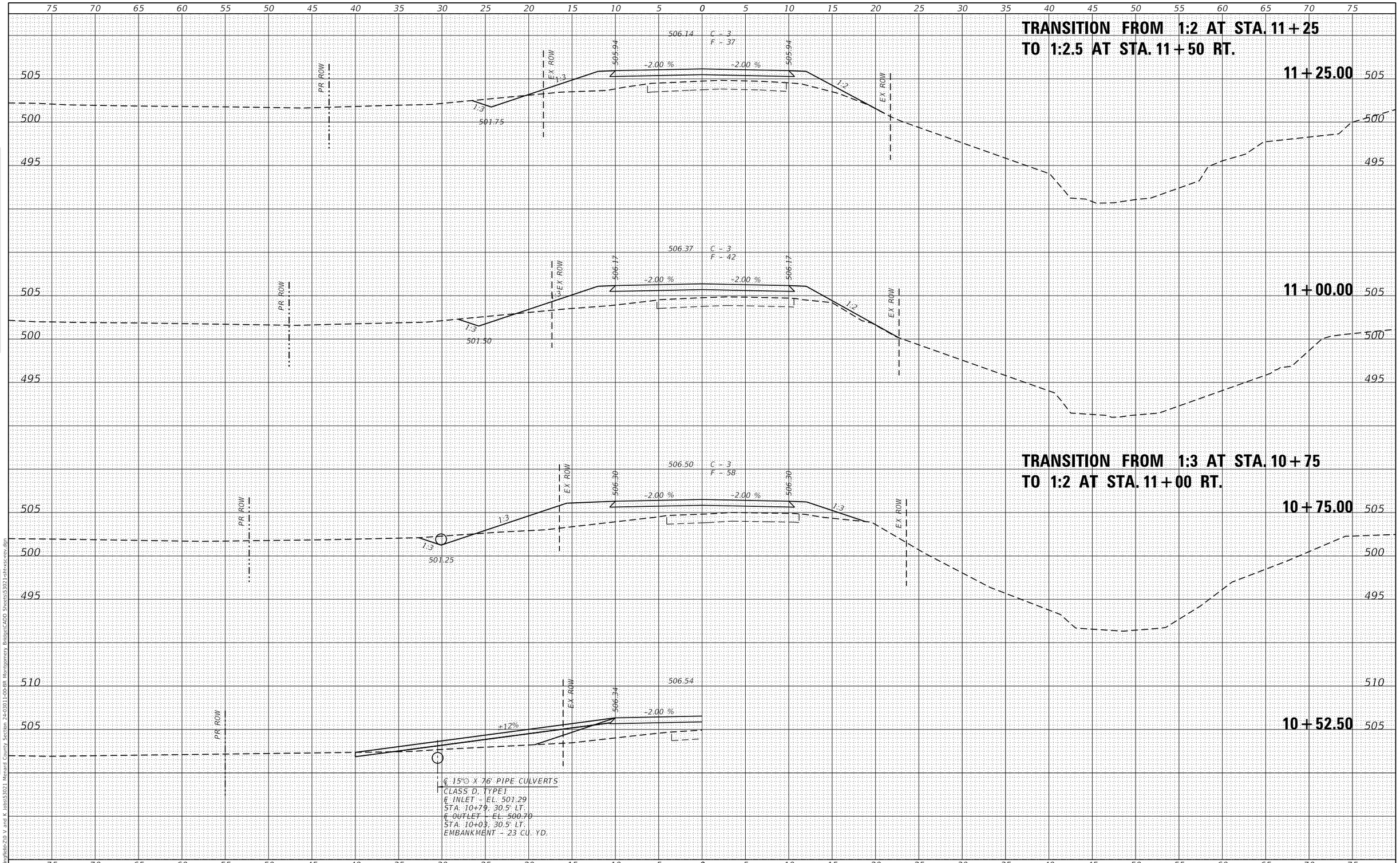
SCALE: 1" = 5' | SHEET 6 OF 9 SHEETS | STA. 9+71.00 TO STA. 9+95.50

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	24-03117-00-BR	MENARD	27	24
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

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

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

MODEL: Default
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FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

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

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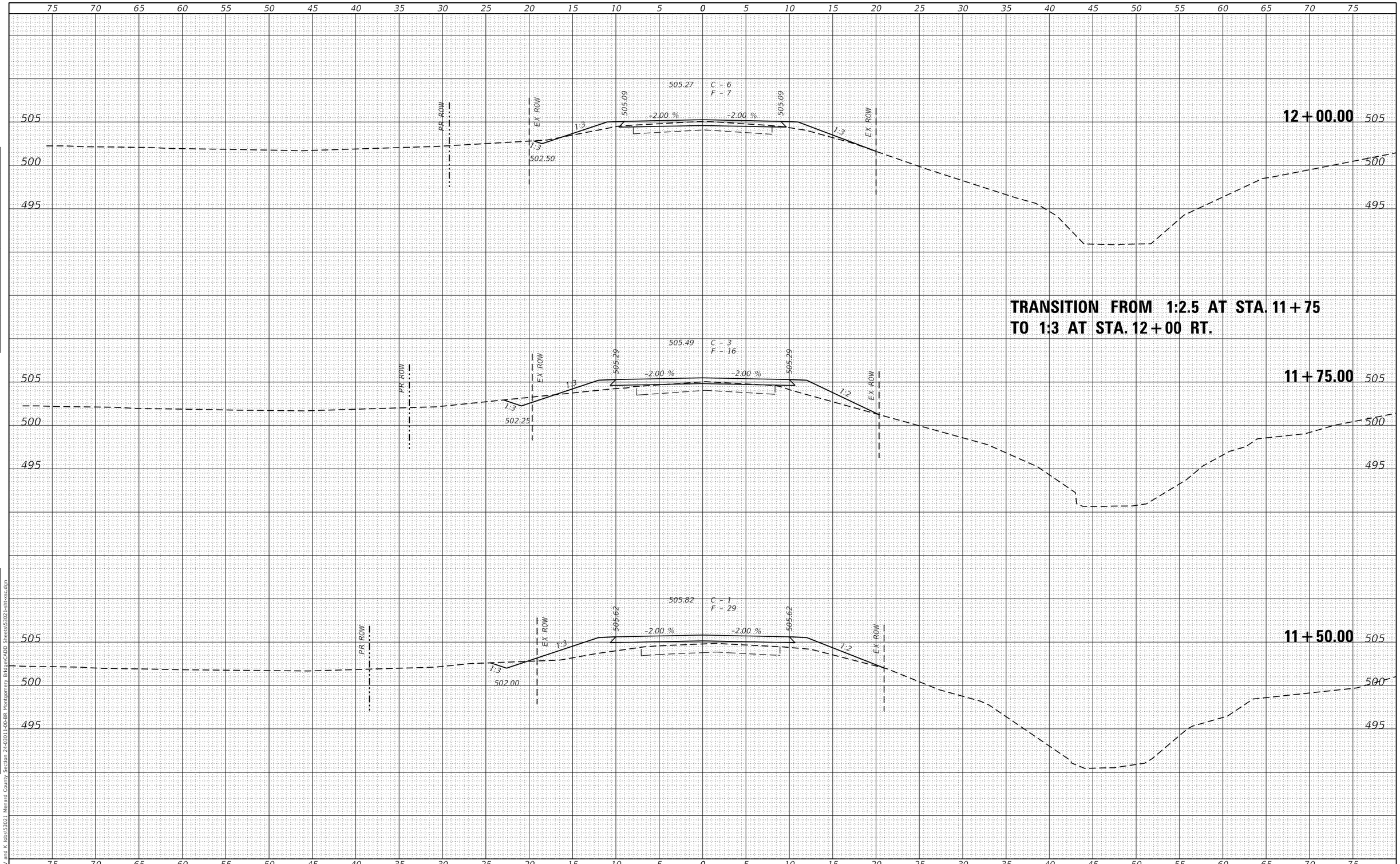
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	DRAWN -	REVISED -	
PLOT SCALE = 10.0016 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/30/2026	DATE -	REVISED -	

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CROSS SECTIONS

SCALE: 1" = 5' | SHEET 7 OF 9 SHEETS | STA. 10+75.00 TO STA. 11+25.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	24-03117-00-BR	MENARD	27	25
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



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

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

MODEL: Default
FILE NAME: Z:\0 V and K Jobs\53021 Menard County Section 24-03011-00-BR Montgomery Bridge\CADD Sheets\53021-sht-xsc.dgn

USER NAME = ckohlrus	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0011 ' / in.	CHECKED -	REVISED -
PLOT DATE = 9/23/2025	DATE -	REVISED -

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CROSS SECTIONS

SCALE: 1" = 5' | SHEET 8 OF 9 SHEETS | STA. 11+50.00 | TO STA. 12+00.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	24-03117-00-BR	MENARD	27	26
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		



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

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

MODEL: Default
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USER NAME = ckohlrus	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 9/23/2025	DATE -	REVISED -	

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IL. Design Firm No. 184-001939

CROSS SECTIONS

SCALE: 1" = 5' | SHEET 9 OF 9 SHEETS | STA. 12+25.00 | TO STA. 12+75.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11	24-03117-00-BR	MENARD	27	27
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	