

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T.R. 373	04-12114-00-BR	CLAY	22	1
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 95898	

INDEX OF SHEETS

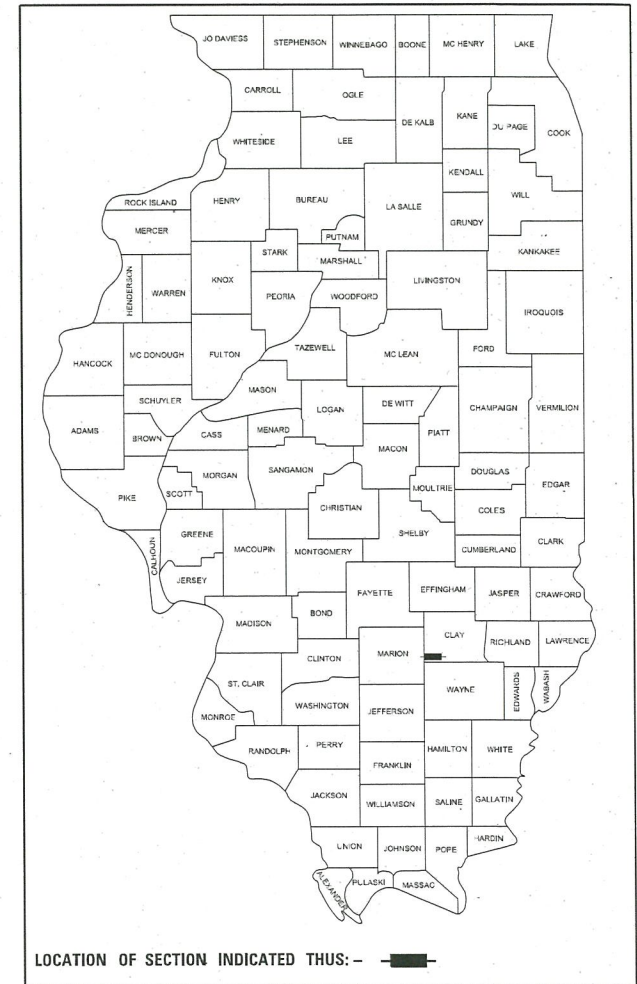
SHEET NO.	DESCRIPTION
1.	COVER SHEET
2.	SUMMARY OF QUANTITIES AND GENERAL NOTES
3.	TYPICAL CROSS SECTIONS
4.	PLAN AND PROFILE
5-12.	BRIDGE PLANS
13-14.	BORINGS
15-22.	STATION CROSS SECTIONS

HIGHWAY STANDARDS:

000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
515001-04	NAME PLATE FOR BRIDGES
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

PLANS FOR PROPOSED
SURFACE TRANSPORTATION PROGRAM
OFF SYSTEM BRIDGE

PROJECT BQ7G(886)
SECTION 04-12114-00-BR
XENIA ROAD DISTRICT
CLAY COUNTY
T.R. 373 / HONEY LOCUST LANE
PROPOSED STRUCTURE NO. 013-3253
C-97-154-21



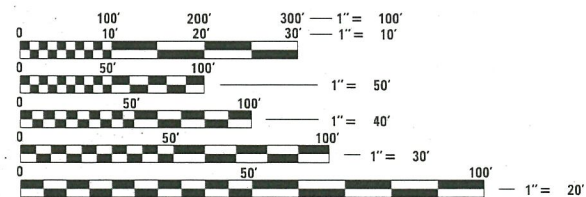
UTILITIES

CLAY ELECTRIC CO-OP
P.O. BOX 517
7784 OLD HWY. 50
FLORA, IL 62839

CLAY COUNTY WATER
P.O. BOX 555
7784 OLD HWY. 50
FLORA, IL 62839

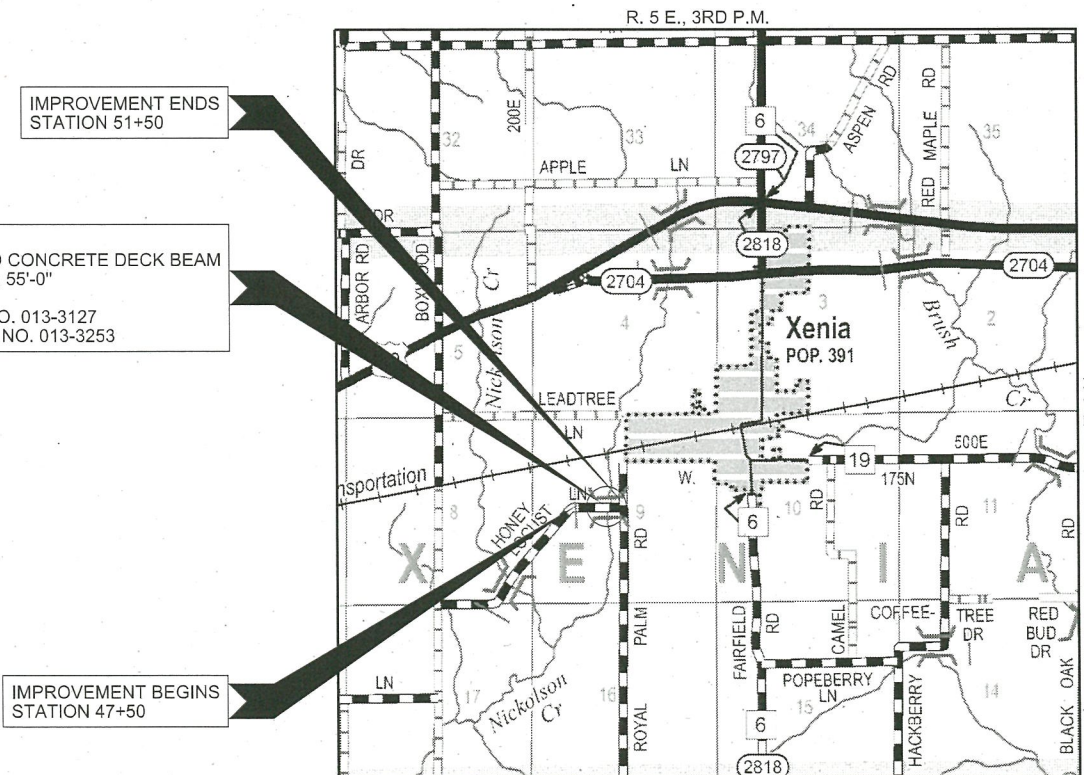
WABASH COMMUNICATIONS CO-OP
P.O. BOX 299
LOUISVILLE, IL 62858

STA. 50+06
PRECAST PRESTRESSED CONCRETE DECK BEAM
BRIDGE. SINGLE SPAN @ 55'-0"
24'-0" RDWY.; SKEW = 0°
EXISTING STRUCTURE NO. 013-3127
PROPOSED STRUCTURE NO. 013-3253



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

FUNCTIONAL CLASSIFICATION: LOCAL ROAD
DESIGN SPEED: 30 MPH
DESIGN TRAFFIC: 125 ADT



WARNING

CALL 811
BEFORE YOU DIG
DIG NO: A2941565

ILLINOIS DEPARTMENT OF TRANSPORTATION

APPROVED APRIL 15 20 21
D. A. K.
COUNTY ENGINEER

APPROVED April 15th 20 21
Mike Bendine Jr
TOWNSHIP COMMISSIONER

PASSED 11/03 20 21
Butt Walker
DISTRICT SEVEN ENGINEER OF LOCAL ROADS & STREETS

Releasing For Bid Based on Limited Review
11/03 20 21
Jeffrey M. ...
REGION FOUR ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DATE: 10/26/2021

HAMPTON, LENZINI AND RENWICK, INC.
CIVIL ENGINEERS - STRUCTURAL ENGINEERS - LAND SURVEYORS
3085 STEVENSON DRIVE, SUITE 201
SPRINGFIELD, ILLINOIS 62703
217.546.3400 www.hlrengineering.com

184.000959
ILLINOIS PROFESSIONAL DESIGN FIRM L/S / PE / SE CORPORATION

EXPIRES: 11/30/2023 PROJECT NUMBER: 19.0681.130 DATE: 10/26/2021

SUMMARY OF QUANTITIES

CODE NO.	ITEM	CONSTRUCTION TYPE CODE 0010	
		UNIT	TOTAL
20200100	EARTH EXCAVATION	CU YD	111
20300100	CHANNEL EXCAVATION	CU YD	150
20400800	FURNISHED EXCAVATION	CU YD	217
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	340
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50300225	CONCRETE STRUCTURES	CU YD	22.8
50300280	CONCRETE ENCASEMENT	CU YD	2.8
50400405	PRECAST PRESTRESSED CONCRETE DECK BEAMS (21" DEPTH)	SQ FT	1,320
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	2,790
* 50900205	STEEL RAILING, TYPE S1	FOOT	106
51201400	FURNISHING STEEL PILES HP10X42	FOOT	315
51202305	DRIVING PILES	FOOT	315
51203400	TEST PILE STEEL HP10X42	EACH	1
51500100	NAME PLATES	EACH	1
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	36
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	30
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	45
67100100	MOBILIZATION	L SUM	1
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.3
X2810208	STONE RIPRAP, CLASS A4 (SPECIAL)	TON	310

^ SEE SPECIAL PROVISIONS

* SPECIALTY ITEMS

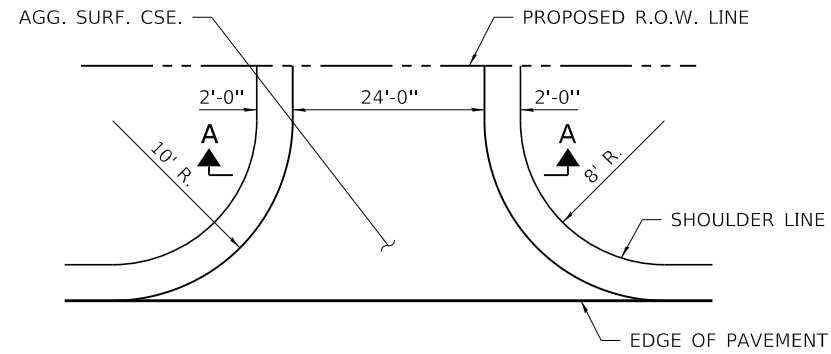
GENERAL NOTES

- 1) ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2022", (HERE IN AFTER REFERRED TO AS THE STANDARD SPECIFICATIONS; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS"; THE DETAILS IN THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE DOCUMENTS.
- 2) ALL CLEARING, GRUBBING, FENCE REMOVAL, PAVEMENT REMOVAL, AND REMOVAL OF EXISTING DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION. ALL AGGREGATE AND BITUMINOUS PAVEMENT SHALL BE REMOVED AND PROPERLY DISPOSED OF BY THE CONTRACTOR IN A METHOD APPROVED BY THE ENGINEER. REMOVAL AND DISPOSAL OF PAVEMENT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 3) ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE LATEST STANDARD OF THE DEPARTMENT.
- 4) THE LOCATION ON THE PLANS OF EXISTING DRAINAGE STRUCTURES, TELEPHONE LINES, ELECTRIC LINES, WATER SERVICE LINES, GAS MAINS, AND OTHER UTILITY FACILITIES AS SHOWN ON THE PLANS ARE BASED ON FIELD INVESTIGATIONS AND THE BEST INFORMATION AVAILABLE, BUT THE LOCATIONS ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE INDIVIDUAL UTILITY COMPANIES AND BY FIELD INSPECTION.
- 5) THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES
 AGGREGATE SURFACE COURSE 2.05 TON/CU YD
 STONE RIPRAP 1.75 TON/CU YD
- 6) THE FINAL SURFACE OF ALL EMBANKMENT AREAS SHALL BE SEEDED. THE TOP 4 INCHES OF THE SEEDED AREAS SHALL BE TOPSOIL SUBJECT TO THE APPROVAL OF THE ENGINEER. THE COST OF SHAPING THE SLOPES AND PROVIDING TOP SOIL WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- 7) THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY OR AS DIRECTED BY THE ENGINEER.
 SEEDING, CLASS 2 (SPECIAL) = 0.3 ACRES
- 8) ALL WASTE MATERIAL FROM EXCAVATIONS SHALL BE DISPOSED OF BY THE CONTRACTOR. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 9) COMMITMENTS:
 1) TREES SHALL NOT BE CLEARED BETWEEN APRIL 1 AND SEPTEMBER 30.

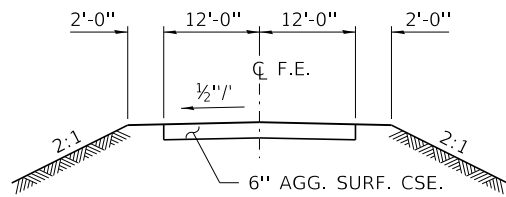
EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION	CHANNEL EXCAVATION	SHRINKAGE FACTOR	PERCENT USED	EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT REQUIRED	EARTHWORK BALANCE
	CU.YD.	CU.YD.			CU.YD.	CU.YD.	CU.YD.
T.R. 373 / Honey Locust Lane							
STA. 47+50.00 TO STA. 49+77.84	24		25.00%	100.00%	18	274	-256
STA. 49+77.84 TO STA. 50+34.17		150	25.00%	70.00%	79		79
STA. 50+34.17 TO STA. 51+50.00	87		25.00%	100.00%	65	81	-16
ENTRANCE STA. 48+53.00						8	-8
ENTRANCE STA. 51+20.00						16	-16
TOTAL	111	150			162	379	-217
USE	111	150					217

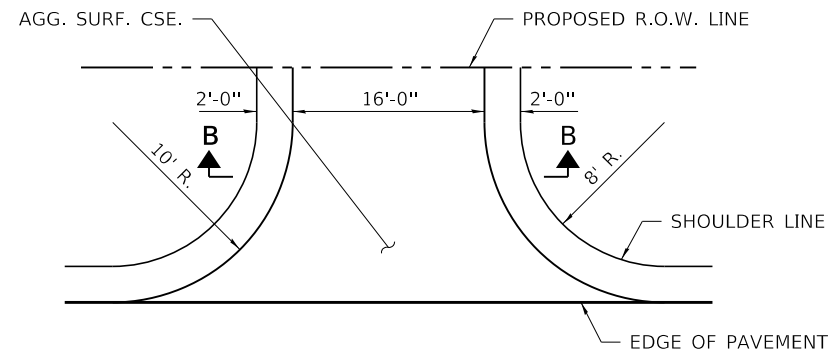
FURNISHED EXCAVATION 217 CU YDS



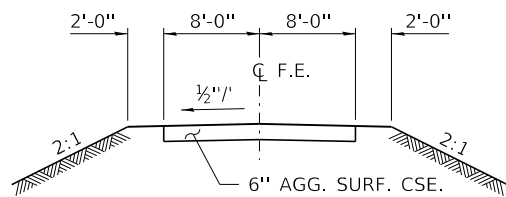
FIELD ENTRANCE DETAIL
STA. 48+54 F.E.



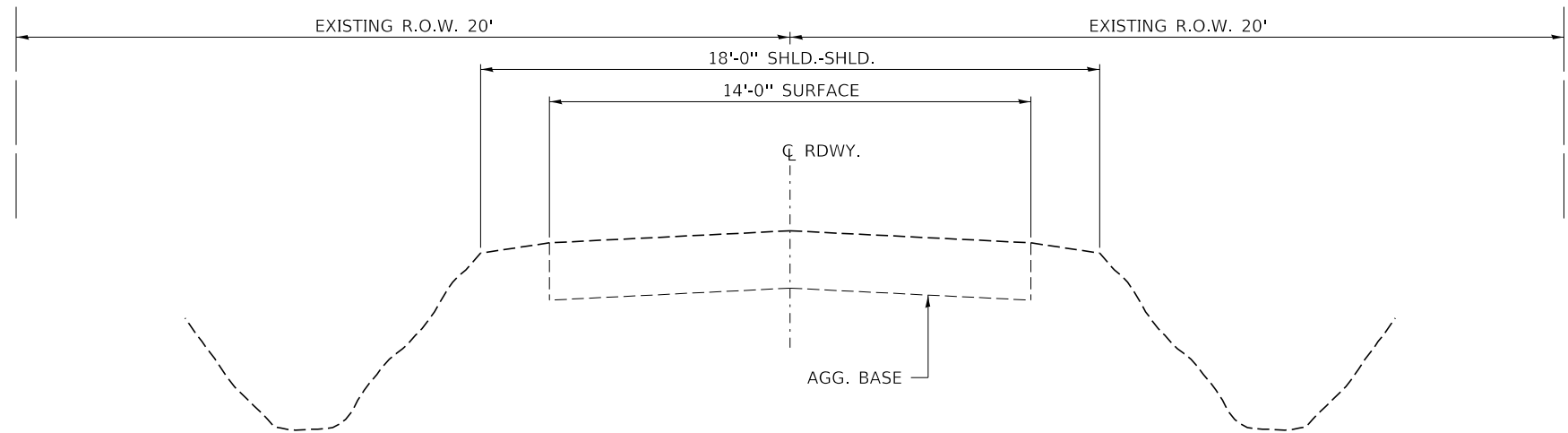
SECTION A-A



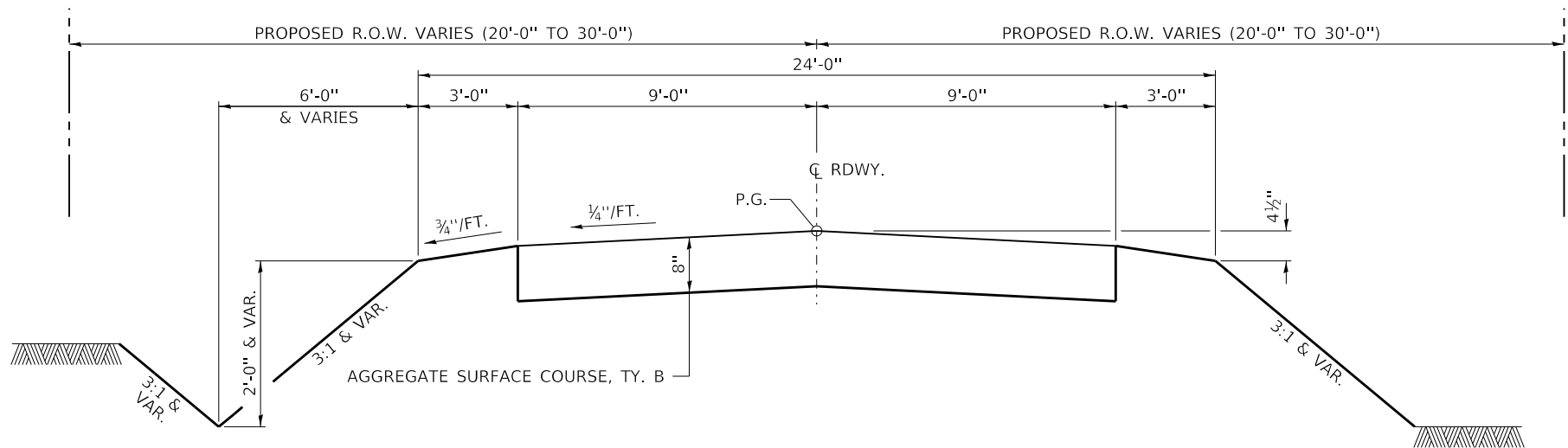
FIELD ENTRANCE DETAIL
STA. 51+30 F.E.



SECTION B-B



EXISTING TYPICAL CROSS SECTION
STA. 47+50 TO 51+50



PROPOSED TYPICAL CROSS SECTION
STA. 47+50 TO 51+50

SUGGESTED CUT SECTION
CONSTRUCT AS SHOWN IN
STATION CROSS SECTIONS

TRANSITIONS FROM THE PROPOSED ROADWAY TO THE EXISTING
ROADWAY ARE TO BE CONSTRUCTED FROM STA. 47+50 TO 48+00
AND STA. 51+00 TO 51+50.

SUGGESTED FILL SECTION
CONSTRUCT AS SHOWN IN
STATION CROSS SECTIONS

FILE NAME = 190681-shit-typec@ons.dgn	USER NAME = rmosck	DESIGNED - R.P.P.	REVISED -
HAMPTON, LENZINI AND RENWICK, INC. 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM L.S./P.E./S.E. CORP. 184.000959	PLOT SCALE = \$SCALE\$	DRAWN - A.C.	REVISED -
	PLOT DATE = 10/26/2021	CHECKED - S.W.M.	REVISED -
		DATE - 10/26/2021	REVISED -

STATE OF ILLINOIS
CLAY COUNTY HIGHWAY DEPARTMENT

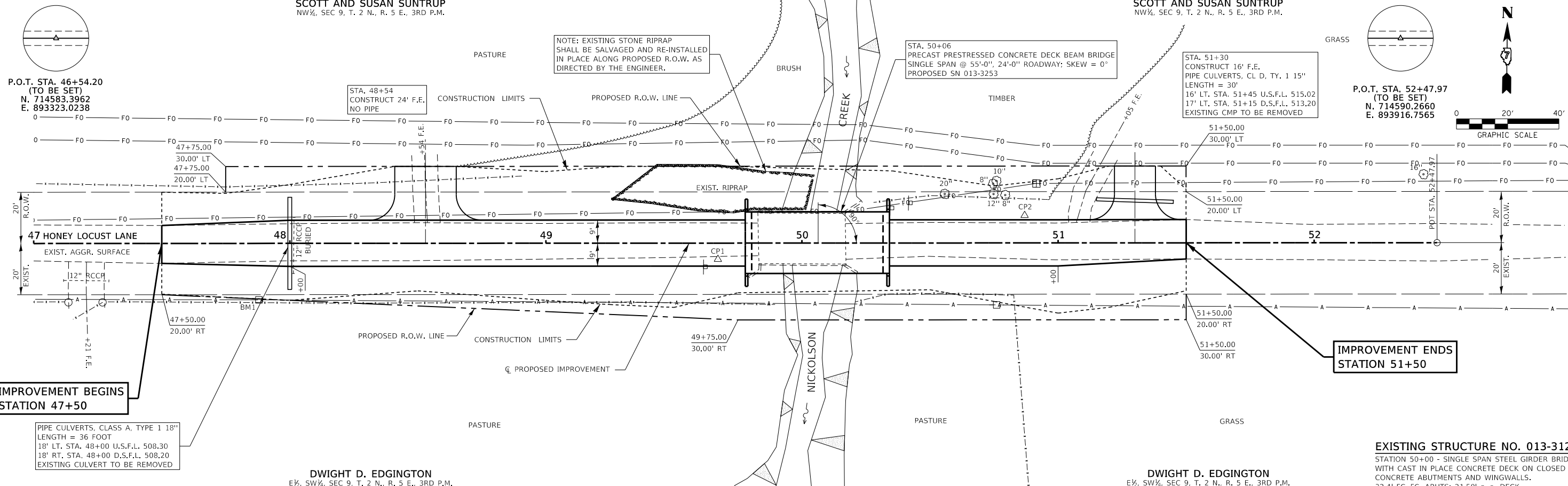
TYPICAL CROSS SECTIONS

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
373	04-12114-00-BR	CLAY	22	3
XENIA ROAD DISTRICT		CONTRACT NO. 95898		
		ILLINOIS FED. AID PROJECT B07G(886)		

SCOTT AND SUSAN SUNTRUP
NW¼, SEC 9, T. 2 N., R. 5 E., 3RD P.M.

SCOTT AND SUSAN SUNTRUP
NW¼, SEC 9, T. 2 N., R. 5 E., 3RD P.M.

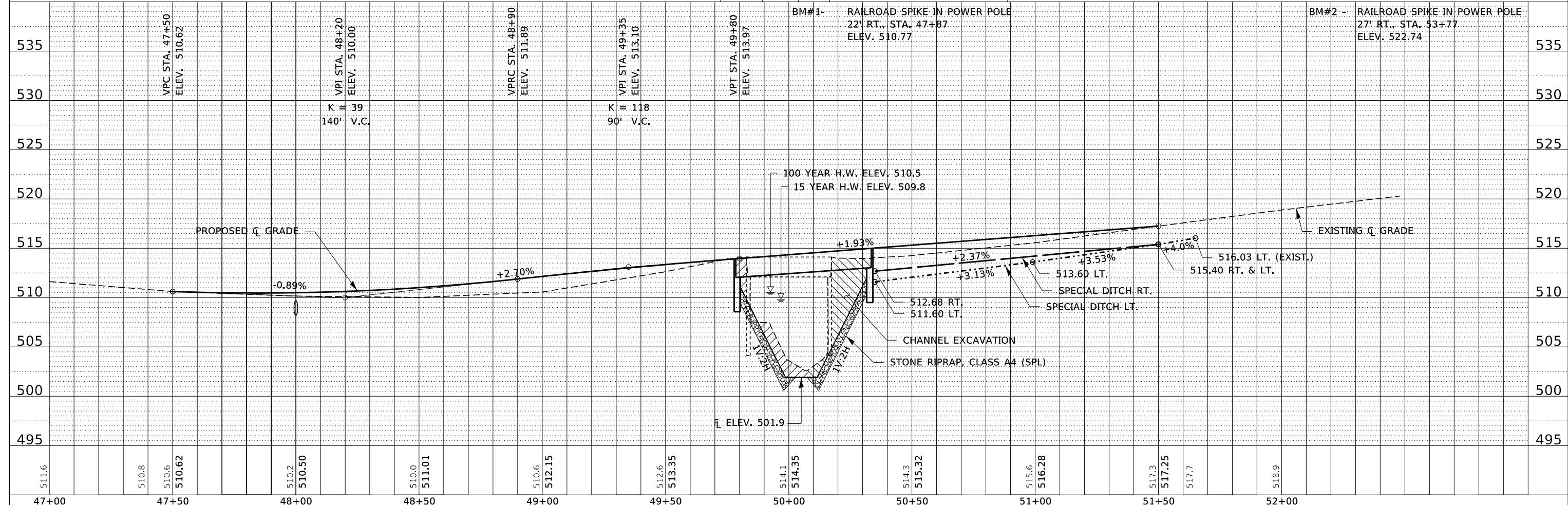


DWIGHT D. EDGINGTON
E½, SW¼, SEC 9, T. 2 N., R. 5 E., 3RD P.M.

DWIGHT D. EDGINGTON
E½, SW¼, SEC 9, T. 2 N., R. 5 E., 3RD P.M.

DATE	
BY	
PLAN	
REVIEWED	
PLOTTED	
ALIGNMENT CHECKED	
GRADES CHECKED	
STRUCTURE NOTATING CHECKED	
NOTE BOOK NO.	
FILE NAME	

DATE	
BY	
PROFILE	
REVIEWED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATING CHECKED	
NOTE BOOK NO.	
FILE NAME	



FILE NAME = 190681-shl-FinPrf.dgn	USER NAME = rmosick	DESIGNED - J.W.F.	REVISED -
HAMPTON, LENZINI AND RENWICK, INC. 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000959	DESIGNED - J.W.F.	DRAWN - M.M.P.	REVISED -
PLOT SCALE = \$\$\$CALE\$	CHECKED - S.W.M.	DATE - 10/26/2021	REVISED -
PLOT DATE = 10/26/2021	DATE - 10/26/2021	REVISED -	

STATE OF ILLINOIS
CLAY COUNTY HIGHWAY DEPARTMENT

PLAN & PROFILE
HONEY LOCUST LANE

SCALE: 20H:5V SHEET NO. 1 OF 1 SHEETS STA. 47+00 TO STA. 53+00

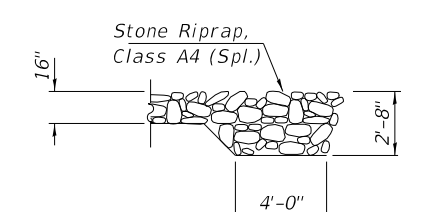
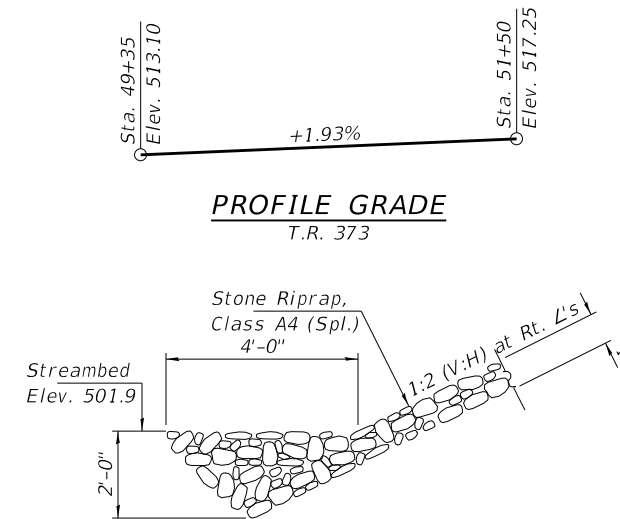
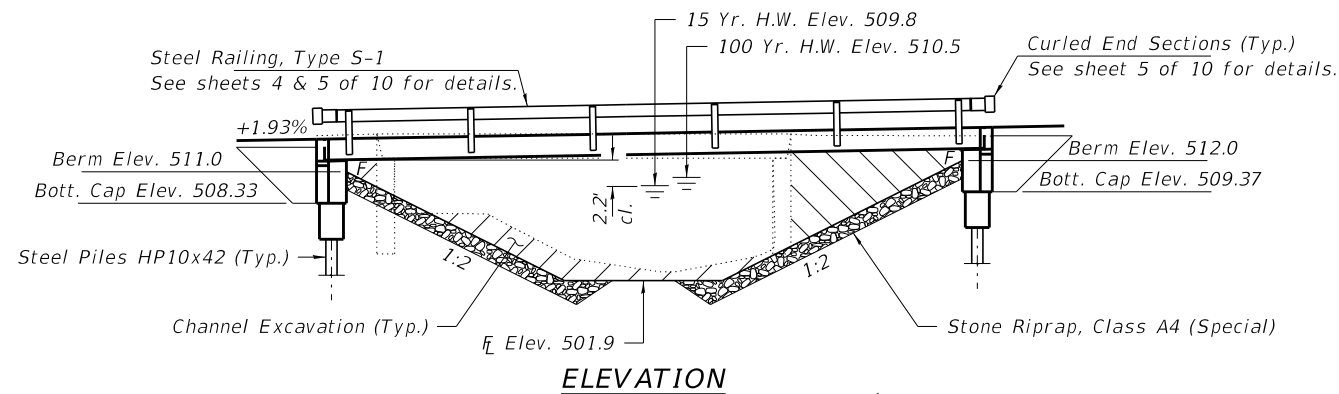
T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
373	04-12114-00-BR	CLAY	22	4
XENIA ROAD DISTRICT		CONTRACT NO. 95898		
ILLINOIS FED. AID PROJECT B07G(886)				

BENCHMARK: RR spike in power pole 22' Rt. Sta. 47+87, Elev. 510.77

EXISTING STRUCTURE No. 013-3127: Sta. 50+00 - Single span steel girder bridge with concrete deck on closed concrete abutments and wingwalls. 32.4' fc.-fc. abutts.: 21.5' o.-o. deck.

Structure closed to traffic during construction.

No Salvage.

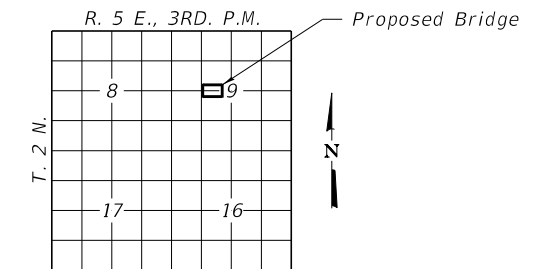


GENERAL NOTES

Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
The Contractor shall drive test piles to 110% of the nominal required bearing specified in production locations at West Abutment or approved by the Engineer before ordering the remainder of piles.
Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60 (IL Modified). See Special Provisions.
Excavation required to construct the Abutments shall be included in the cost of Concrete Structures. No additional compensation will be allowed for Structure Excavation.
All proposed construction activities shall be in accordance with Nationwide Permit number 14 of the Department of the Army authorized under Section 404 of the Clean Water Act. The IEPA has issued Section 401 Water Quality Certification for this activity. See Special Provisions for conditions.

INDEX OF STRUCTURE SHEETS

1. General Plan & Elevation
2. 21"x36" PPC Deck Beam
3. 21"x36" PPC Deck Beam Details
4. Superstructure Details
5. Steel Railing, Type S-1
6. West Abutment
7. East Abutment
8. HP Pile Details
- 9-10. Borings

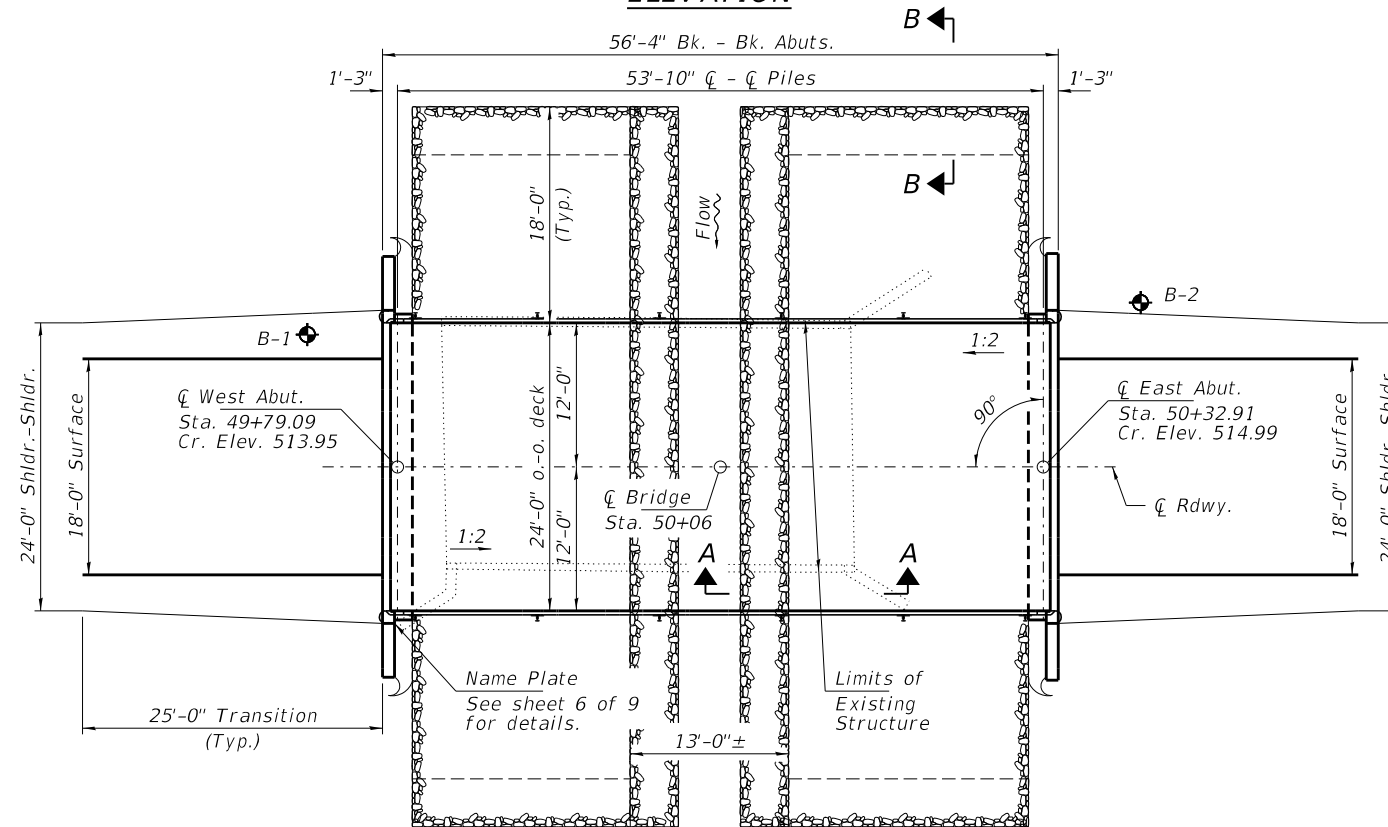


NAME PLATE

NICKOLSON CREEK
BUILT 202_ BY
CLAY COUNTY
SEC. 04-12114-00-BR
XENIA ROAD DISTRICT
STR. NO. 013-3253
LOADING HL-93

NAME PLATE

See Std. 515001



DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition with all interims.

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
fy = 60,000 psi (Reinf.)

PRECAST PRESTRESSED UNITS

f'c = 6,000 psi
f'ci = 5,000 psi
fpu = 270,000 psi (1/2"Ø low lax. strands)
fpbt = 201,960 psi (1/2"Ø low lax. strands)
fy = 60,000 psi (Reinf.)

SEISMIC DATA

Seismic Performance Zone (SPZ) = 2
Design Spectral Acceleration at 1.0 sec. (SD1) = 0.208g
Design Spectral Acceleration at 0.2 sec. (SD5) = 0.442g
Soil Site Class = C

WATERWAY INFORMATION

		Opening Sq. Ft.		Nat. H.W.E.		Head - Ft.		Headwater El.	
Flood	Freq. Yr.	Q C.F.S.	Exist.	Prop.	Exist.	Prop.	Exist.	Prop.	Prop.
Overtopping	10	923	150	220	509.6	1.4	0.7	511.0	510.3
Design	15	1,060	150	220	509.8	1.7	0.8	511.5	510.6
Base	100	1,740	180	260	510.5	1.5	1.4	512.0	511.9
Scour Check	200	2,020	180	270	510.8	1.4	1.4	512.2	512.1
Max. Calc.	500	2,400	190	290	511.1	1.2	1.3	511.3	512.4

Existing Low Grade Elev. 510.0 @ Sta. 48+50
Proposed Low Grade Elev. 510.7 @ Sta. 47+80

Drainage Area = 2.1 Sq. Mi.

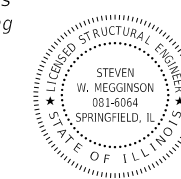
10 Year Velocity through Existing Bridge = 6.2 fps
10 Year Velocity through Proposed Bridge = 4.6 fps

DESIGN SCOUR ELEVATION TABLE

Event/Limit State	Design Scour Elev. (ft.) W. Abut.	E. Abut.	Item
Q100	509.4	509.4	113
Q200	509.4	509.4	
Design	509.4	509.4	
Check	509.4	509.4	

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 "AASHTO LRFD Specifications."

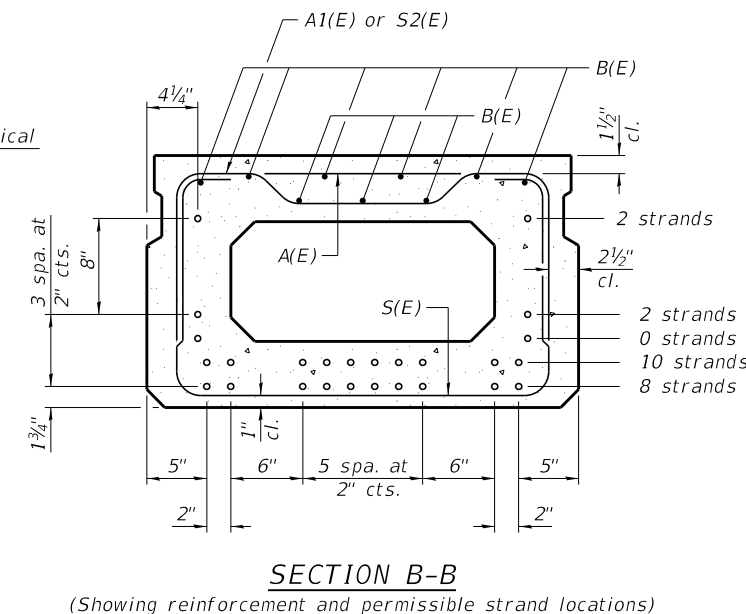
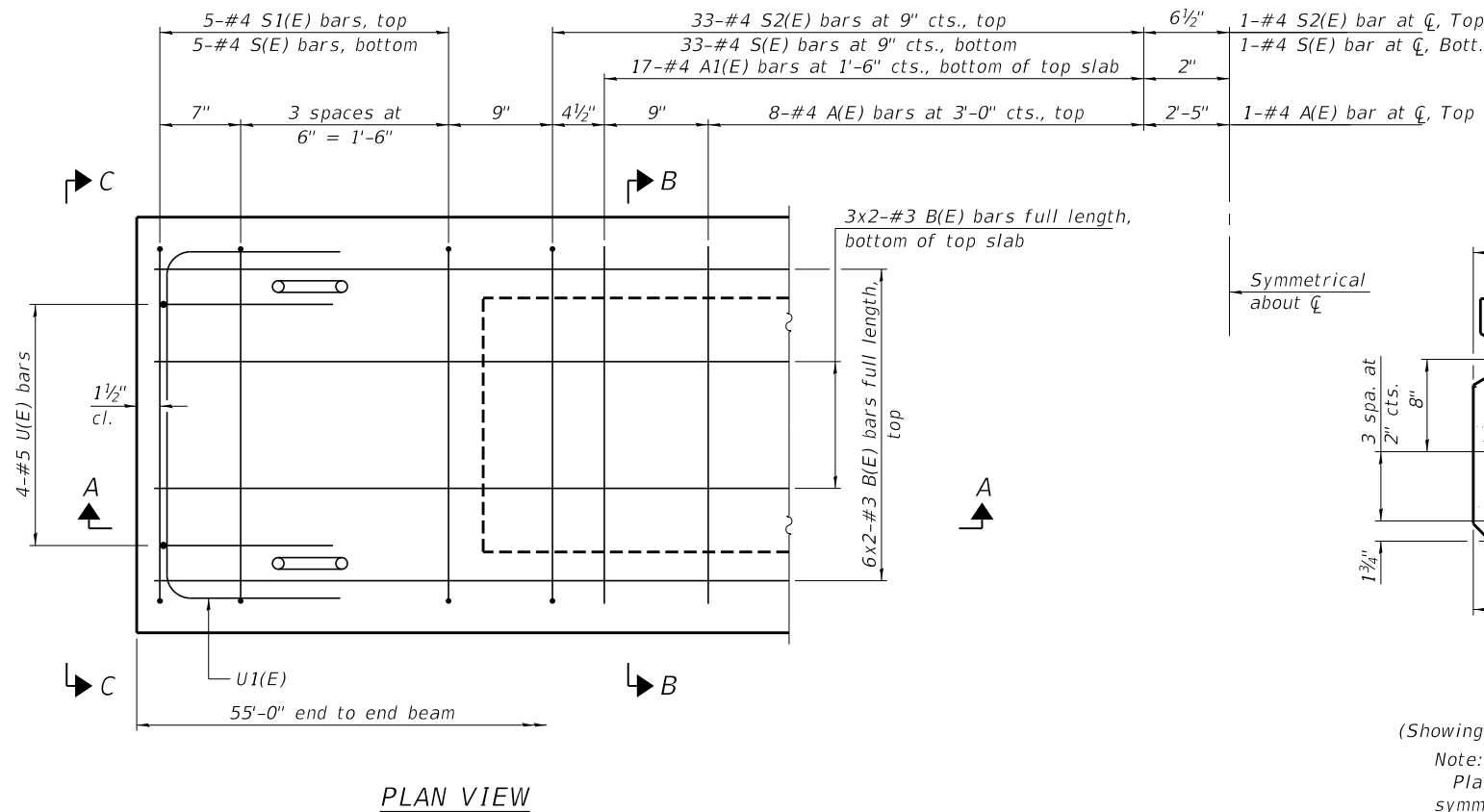
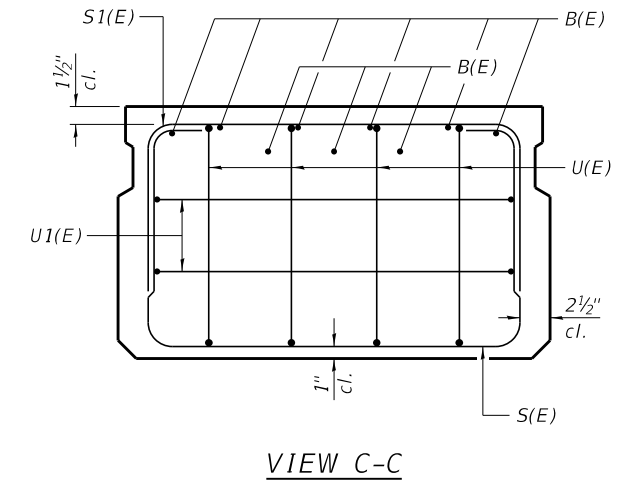
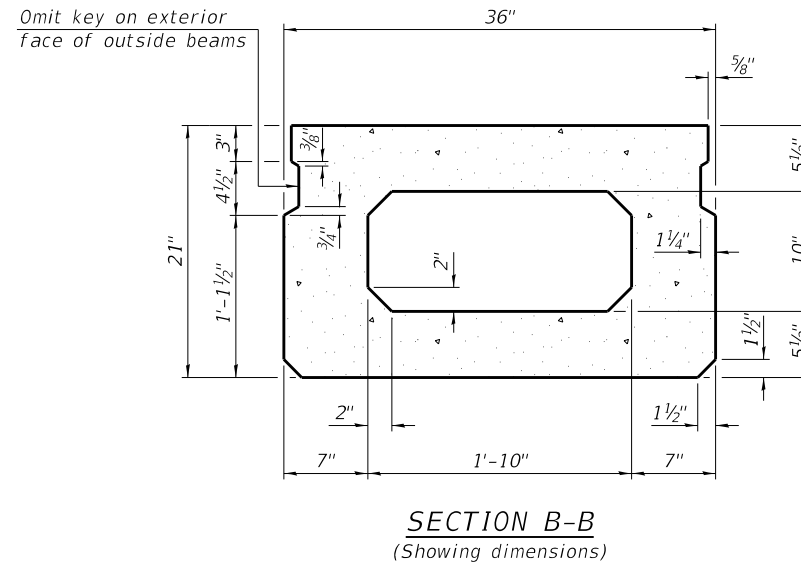
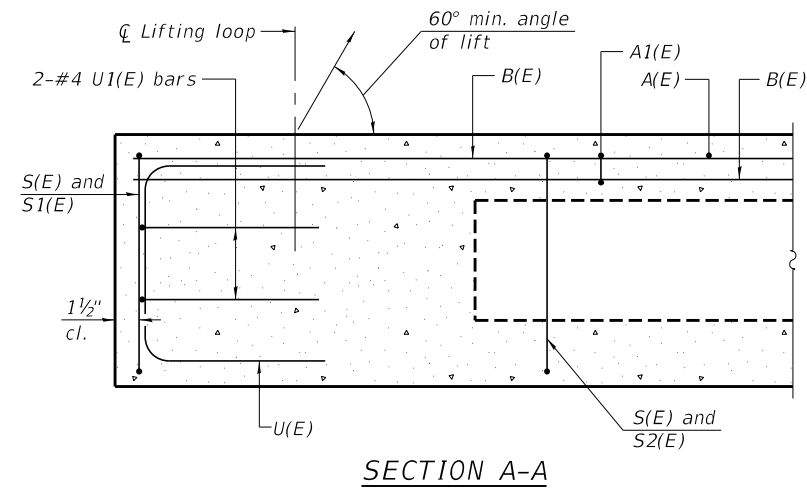
Steven W. Megginson 10/26/2021
ILLINOIS STRUCTURAL ENGINEER NO. 081-6064



Expires 11-30-2022

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Channel Excavation	Cu. Yd.			150
Controlled Low-Strength Material	Cu. Yd.			45
Removal of Existing Structures	Each			1
Concrete Structures	Cu. Yd.		22.8	22.8
Concrete Encasement	Cu. Yd.		2.8	2.8
Precast Prestressed Conc. Deck Beams (21" Depth)	Sq. Ft.	1,320		1,320
Reinforcement Bars, Epoxy Coated	Pound		2,790	2,790
Steel Railing, Type S-1	Foot	106		106
Furnishing Steel Piles HP10x42	Foot		315	315
Driving Piles	Foot		315	315
Test Pile Steel HP10x42	Each		1	1
Name Plates	Each		1	1
Stone Riprap, Class A4 (Special)	Ton			310



BAR LIST
ONE BEAM ONLY
(For information only)

Bar	No.	Size	Length	Shape
A(E)	17	#4	2'-7"	—
A1(E)	34	#4	2'-10"	—
B(E)	18	#3	28'-2"	—
S(E)	77	#4	6'-5"	□
S1(E)	10	#4	4'-11"	□
S2(E)	67	#4	5'-2"	□
U(E)	8	#5	4'-0"	□
U1(E)	4	#4	5'-0"	□

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.

Bars indicated thus 6x2-#3 etc. indicates 6 lines of bars with 2 lengths per line.

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

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

Note:
See sheet 3 & 4 of 10 for additional details and Bill of Material.

PD-2136-0

1-1-2020

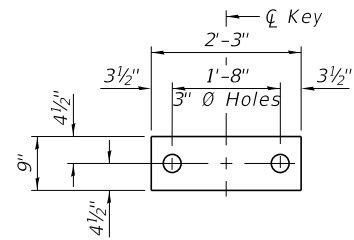
FILE NAME = 190981-shi-Bridge.dgn	USER NAME = rthosick	DESIGNED - R.P.P.	REVISED -
HAMPTON, LENZINI AND RENWICK, INC. 3035 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000959	PLOT SCALE = \$SCALE\$	CHECKED - S.W.M.	REVISED -
PLOT DATE = 10/26/2021		DRAWN - A.C.	REVISED -
		CHECKED - R.P.P.	REVISED -

STATE OF ILLINOIS
CLAY COUNTY HIGHWAY DEPARTMENT

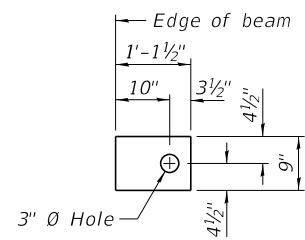
21" x 36" PPC DECK BEAM
STRUCTURE NO. 013-3253

SHEET NO. 2 OF 10 SHEETS

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
373	04-12114-00-BR	CLAY	22	6
XENIA ROAD DISTRICT		CONTRACT NO. 95898		
ILLINOIS		FED. AID PROJECT BQ7G(886)		



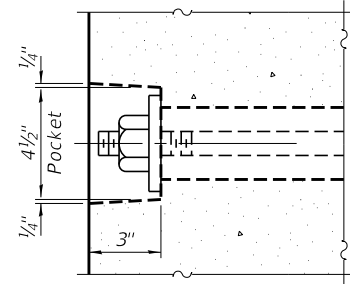
FABRIC BEARING PAD
(Interior - 14 Required)



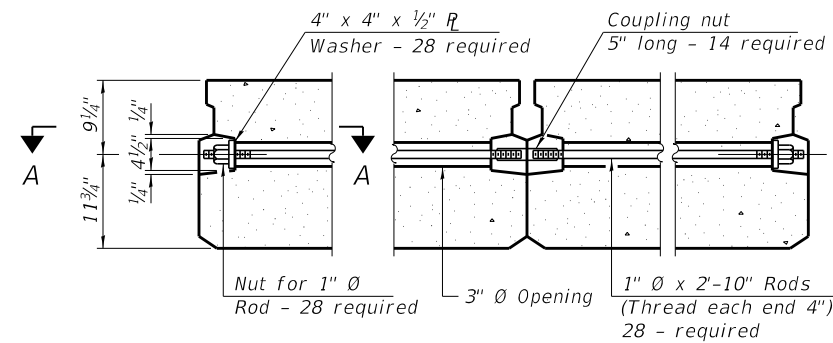
FABRIC BEARING PAD
(Exterior - 4 Required)

FIXED

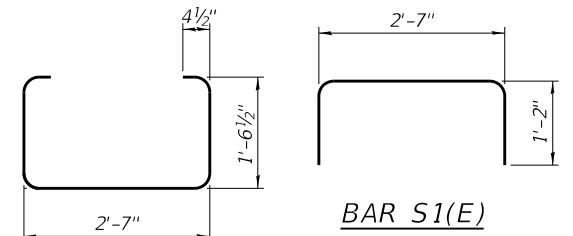
Notes:
All bearing pads shall be 1" thick.
Omit holes when using expansion bearings.
Expansion bearing pads shall be bonded to the substructure.



SECTION A-A

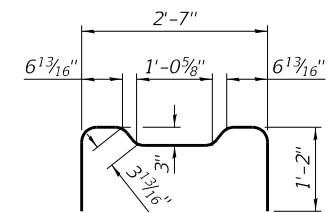


TYPICAL TRANSVERSE TIE ASSEMBLY



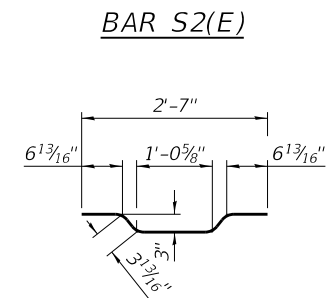
BAR S1(E)

BAR S(E)



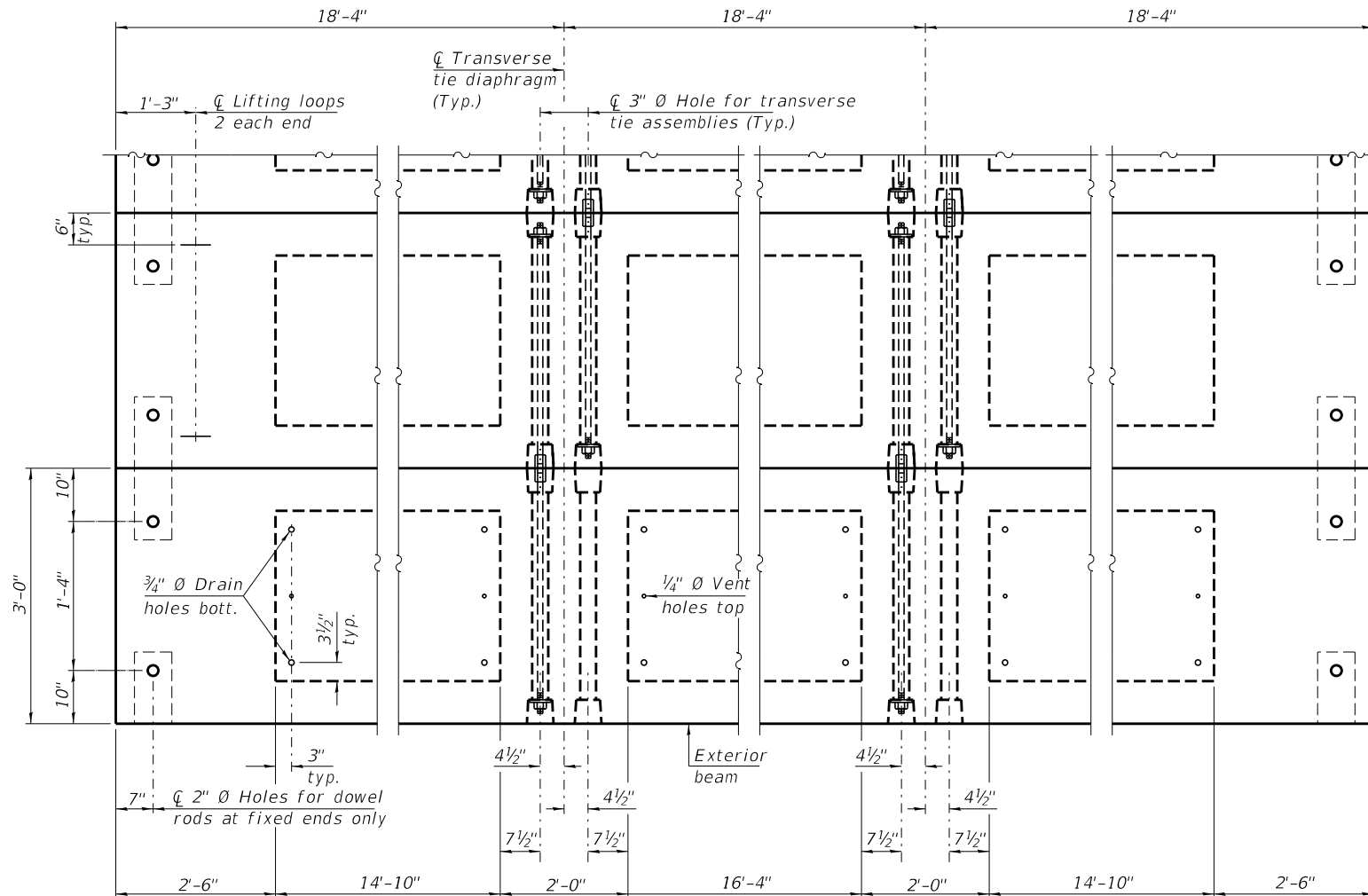
BAR S2(E)

BAR U(E)



BAR U1(E)

BAR A1(E)

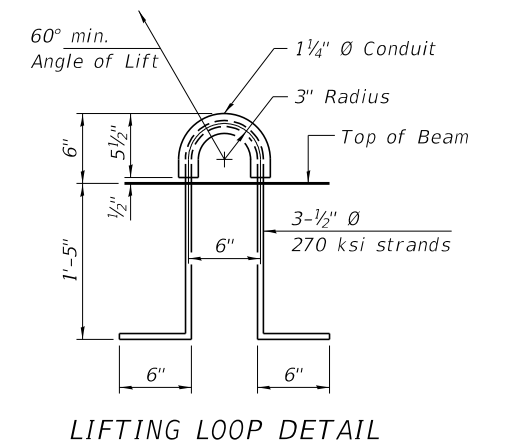


PLAN VIEW

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" 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" diameter 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. Reinforcement bars designated (E) shall be epoxy coated.



LIFTING LOOP DETAIL

BILL OF MATERIAL

Precast Prestressed Conc. Deck Bms. (21" depth)	Sq. Ft.	1,320
---	---------	-------

PDD-2136-0 1-1-2020

FILE NAME = 190981-shi-B4dgc.dgn	USER NAME = rthosck	DESIGNED - R.P.P.	REVISED -
HAMPTON, LENZINI AND RENWICK, INC. 3035 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000959	PLOT SCALE = \$SCALE\$	CHECKED - S.W.M.	REVISED -
	PLOT DATE = 10/26/2021	DRAWN - A.C.	REVISED -
		CHECKED - R.P.P.	REVISED -

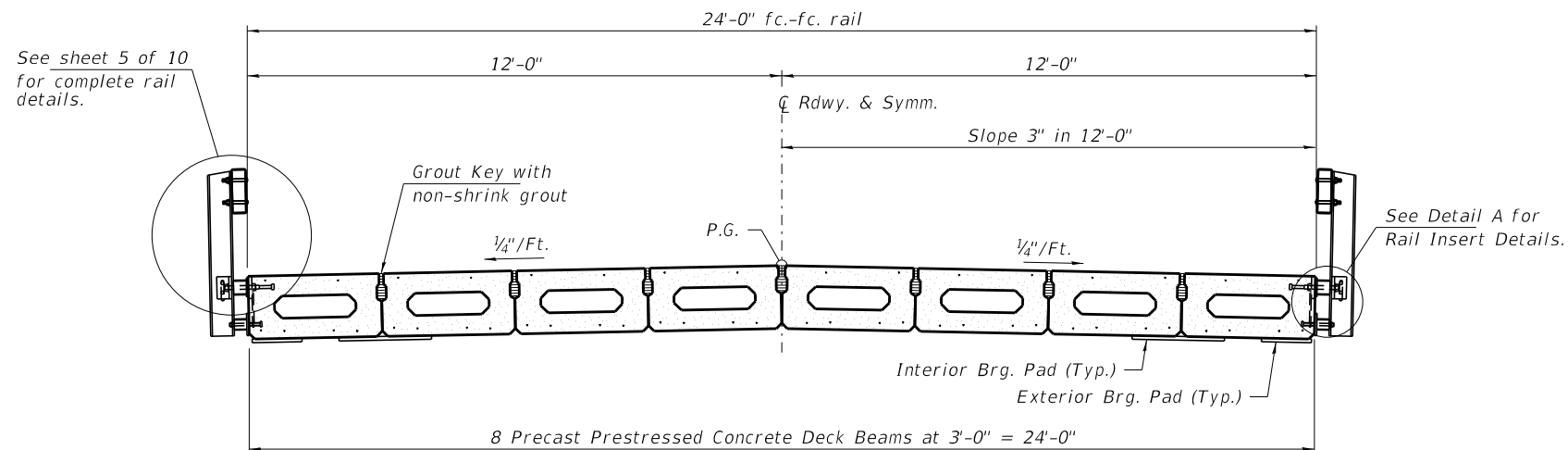
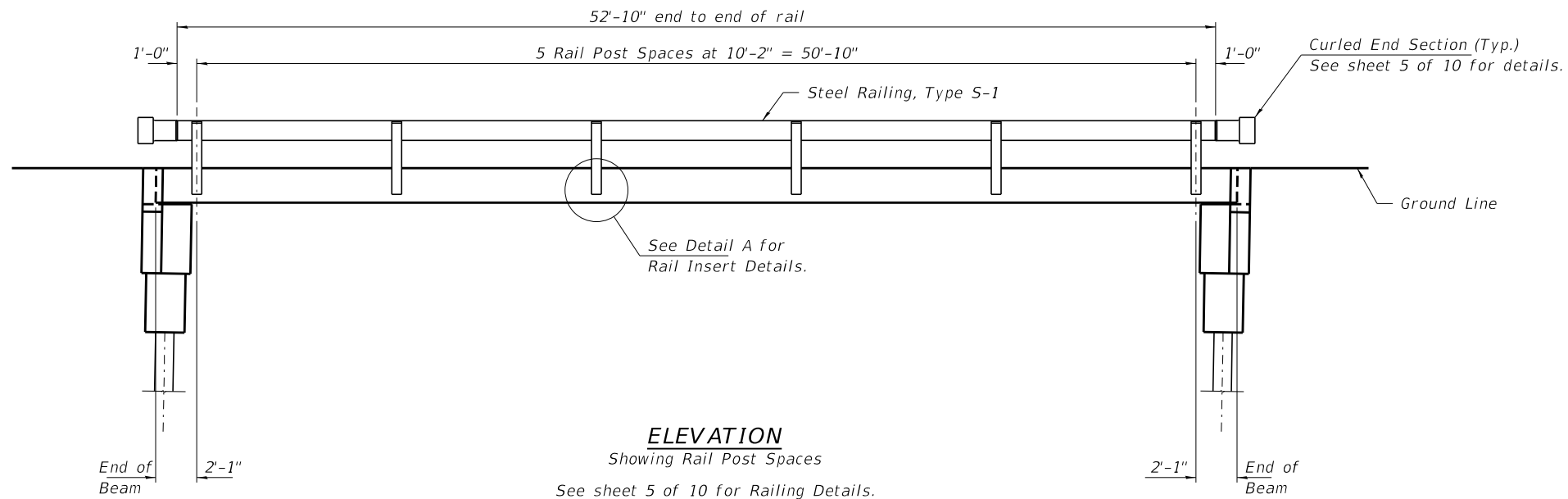
STATE OF ILLINOIS
CLAY COUNTY HIGHWAY DEPARTMENT

21" x 36" PPC DECK BEAM DETAILS
STRUCTURE NO. 013-3253

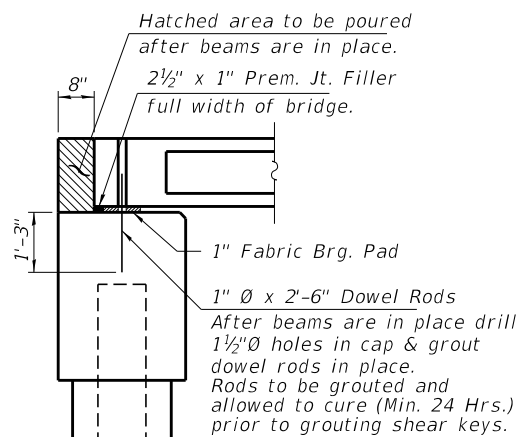
SHEET NO. 3 OF 10 SHEETS

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
373	04-12114-00-BR	CLAY	22	7
XENIA ROAD DISTRICT		CONTRACT NO. 95898		

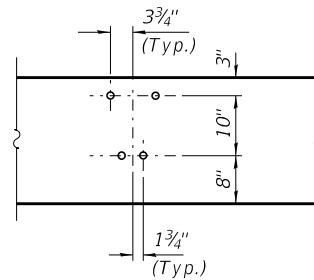
ILLINOIS FED. AID PROJECT BQ7G(886)



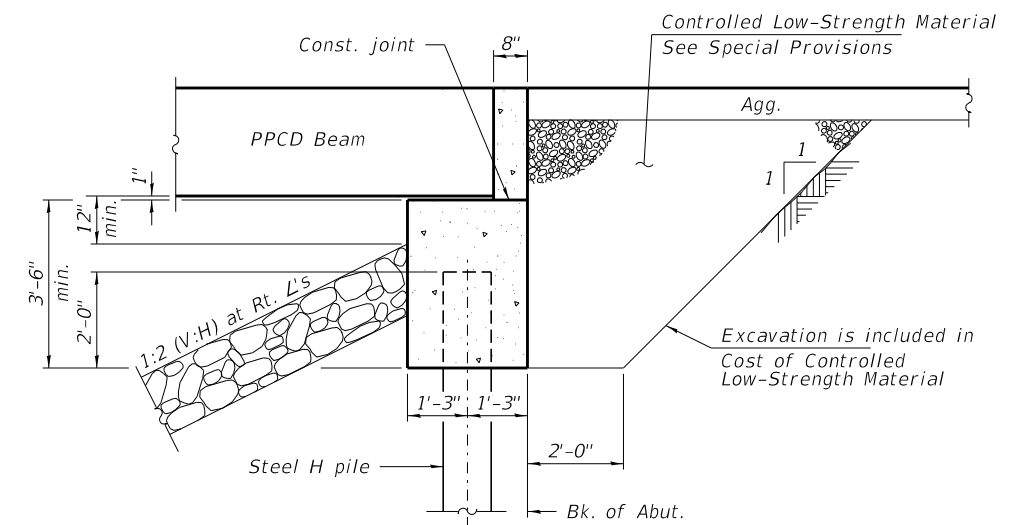
CROSS SECTION
 See sheets 2 & 3 of 10 for Superstructure.



SECTION AT ABUTMENTS
 at Rt. L's

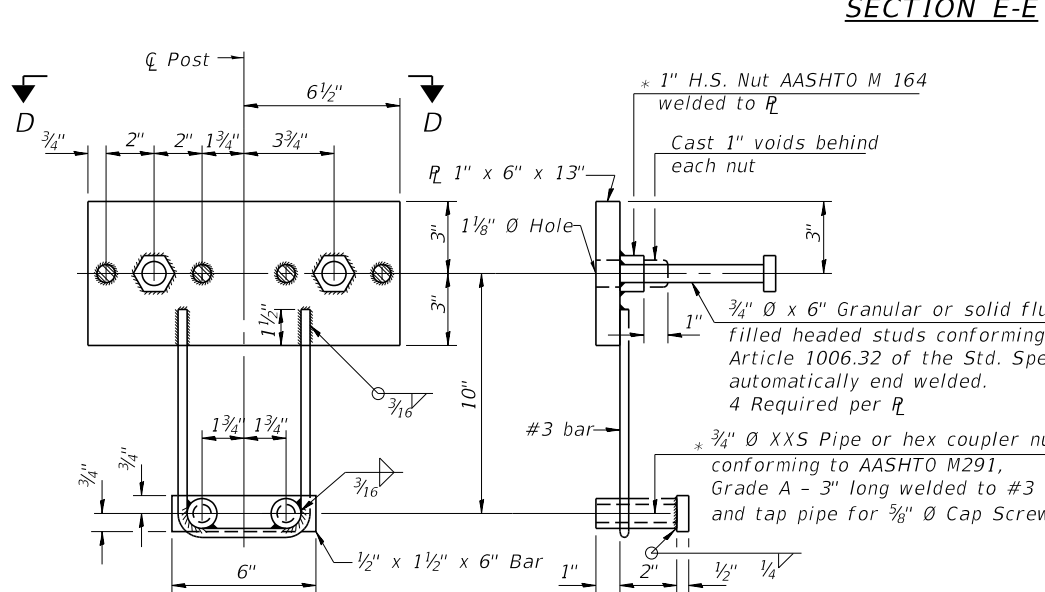
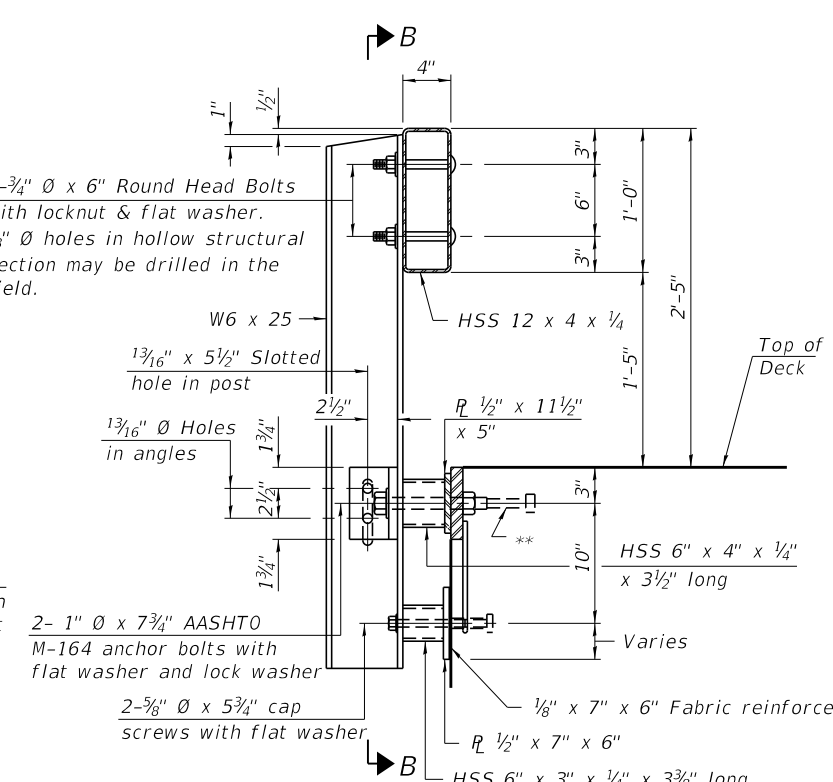
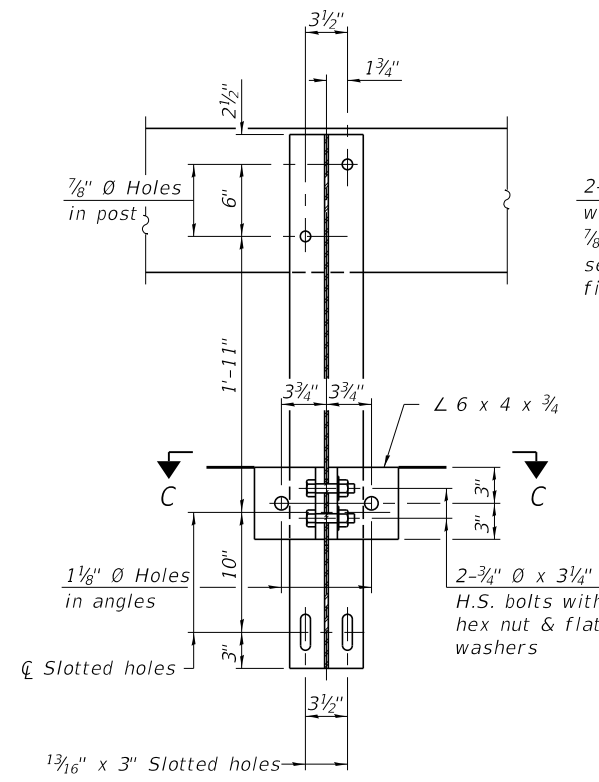
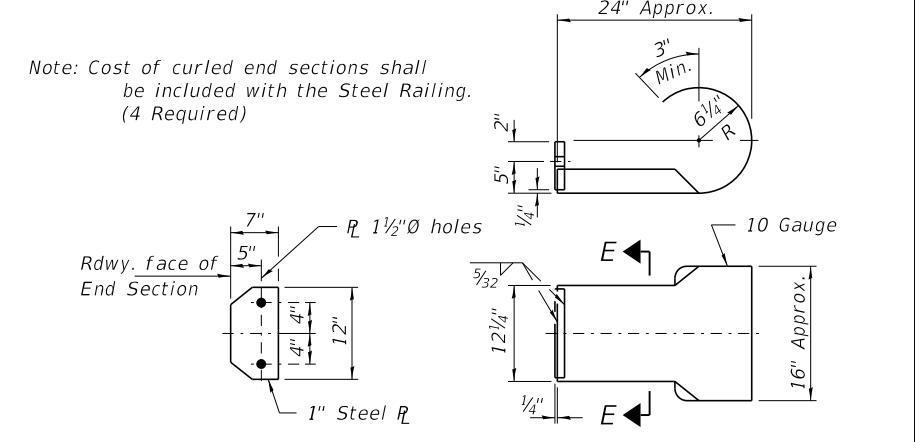
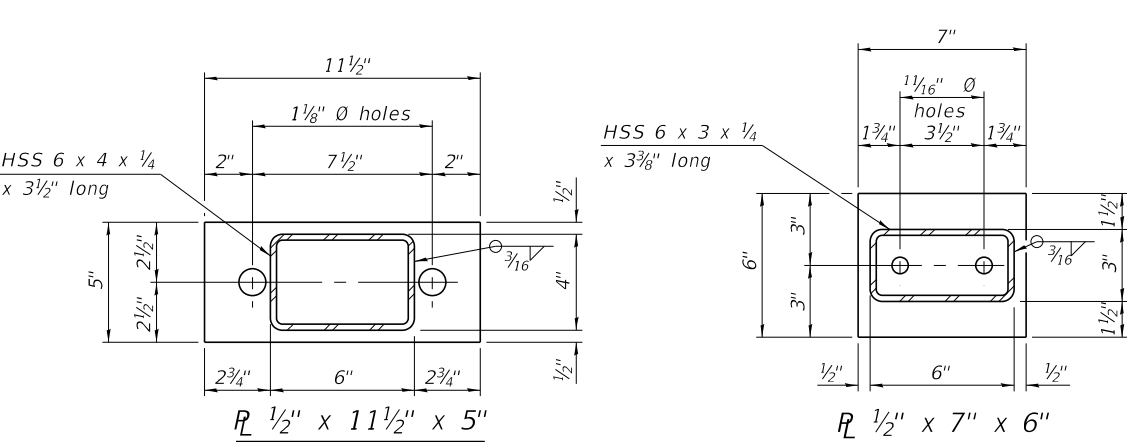
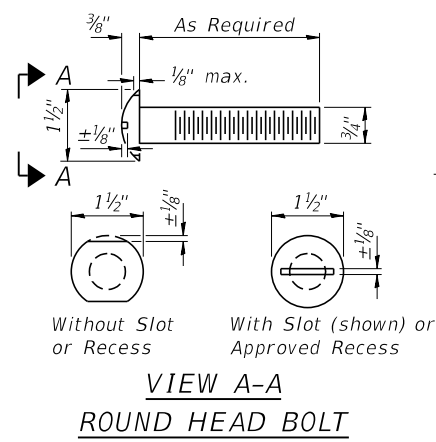


DETAIL A



SECTION THRU ABUTMENT
 (Horiz. dim. at Rt. L's)

FILE NAME = 190681-shi-Bridge.dgn	USER NAME = rthosck	DESIGNED - R.P.P.	REVISED -	STATE OF ILLINOIS CLAY COUNTY HIGHWAY DEPARTMENT	SUPERSTRUCTURE DETAILS STRUCTURE NO. 013-3253	T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HAMPTON, LENZINI AND RENWICK, INC. 3035 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000959	PLOT SCALE = \$SCALE\$	CHECKED - S.W.M.	REVISED -			373	04-12114-00-BR	CLAY	22	8
	PLOT DATE = 10/26/2021	DRAWN - A.C.	REVISED -			XENIA ROAD DISTRICT		CONTRACT NO. 95898		
		CHECKED - R.P.P.	REVISED -			SHEET NO. 4 OF 10 SHEETS		ILLINOIS FED. AID PROJECT BQ7G(886)		

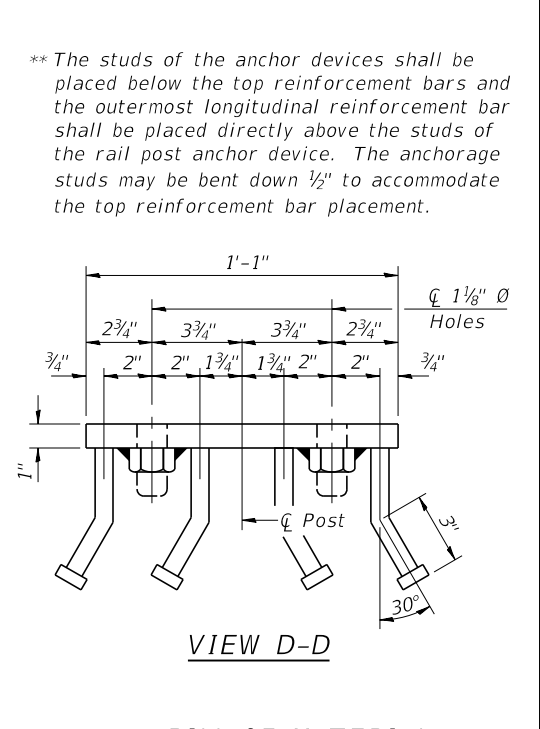
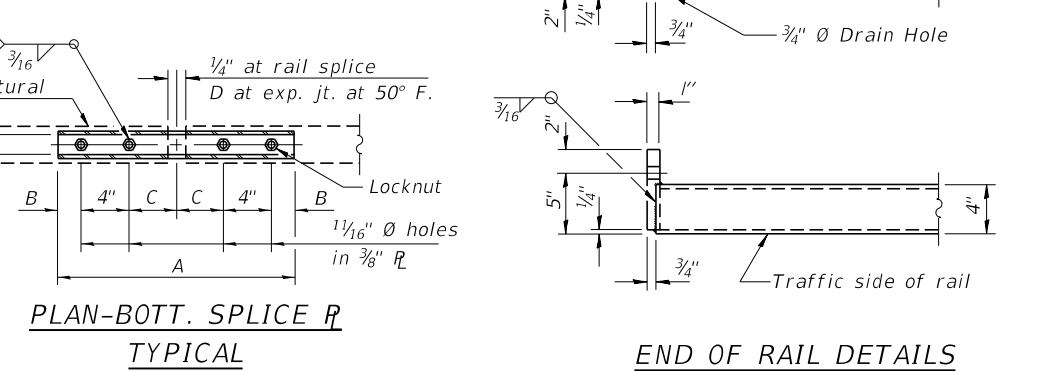
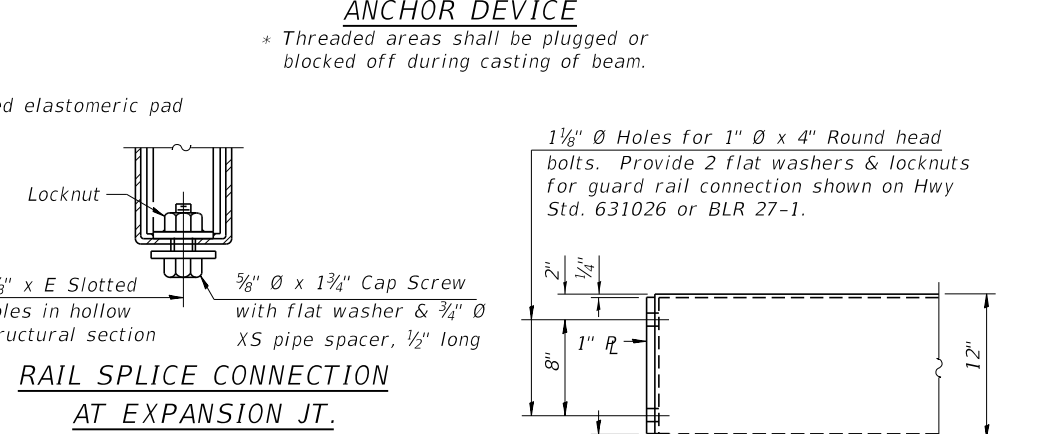
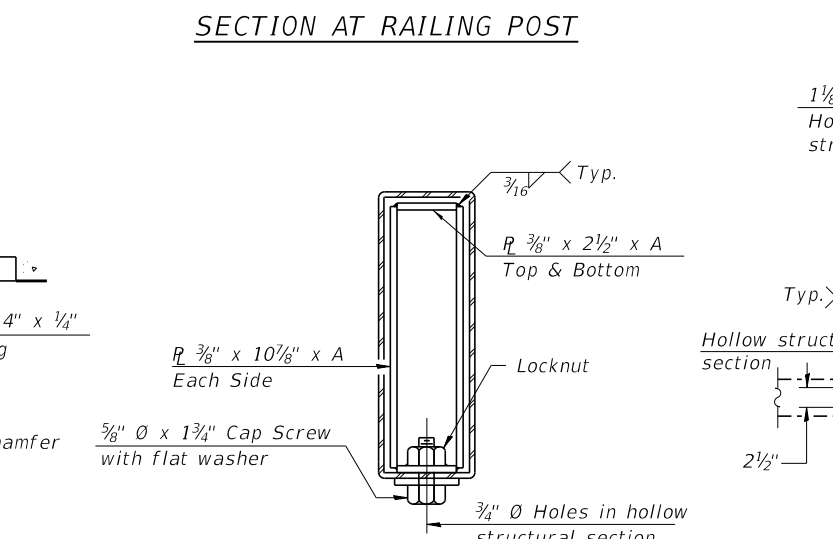
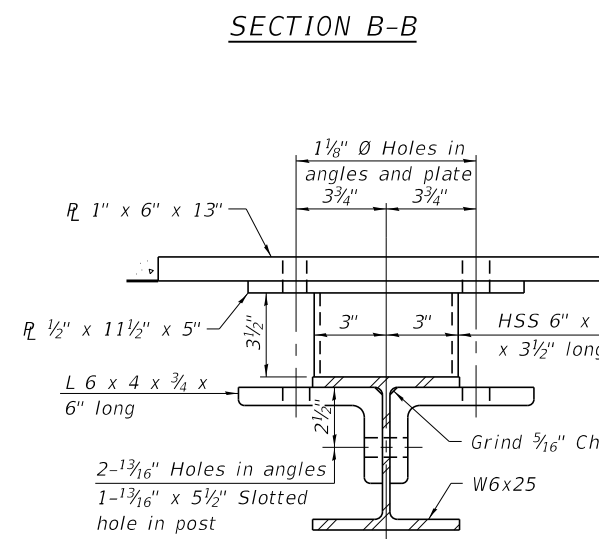


SPLICE DIMENSIONS

T	D	A	B	C	E
≤ 4"	2 1/2"	1'-8"	2"	4"	2 1/2"
> 4" ≤ 6 1/2"	3 3/4"	2'-0"	2 1/2"	5 1/2"	3 1/2"
> 6 1/2" ≤ 9"	5"	2'-4"	3 1/2"	6 1/2"	9"
> 9" ≤ 13"	7"	2'-10"	4 1/2"	8 1/2"	11"
Rail Splice	1/4"	1'-8"	2"	4"	—

T = Total movement at expansion joint as shown on the design plans.

Notes:
 For multi-span bridges, sufficient 1/4" x 6" x 1'-2" galvanized steel shims shall be provided to align rail between adjacent spans. Cost included with Steel Railing, Type S-1.
 All steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications.



BILL OF MATERIAL

Item	Unit	Quantity
Steel Railing, Type S-1	Foot	106

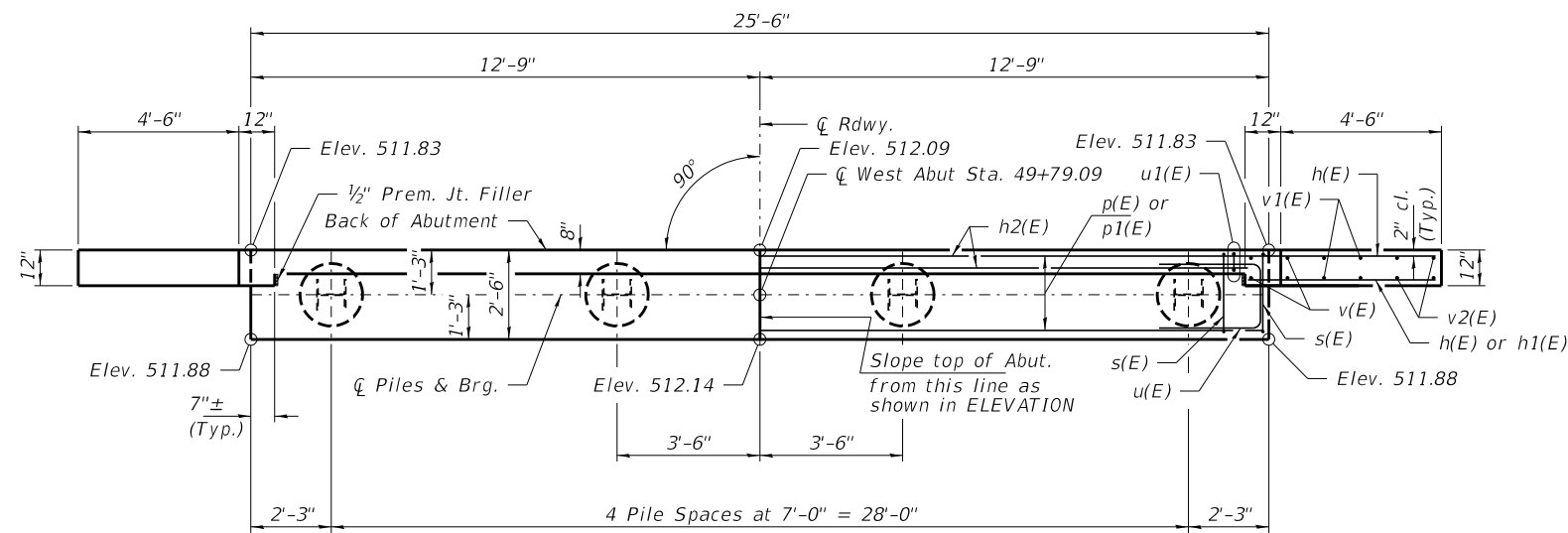
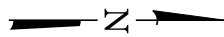
R-23A 2-17-2017 (10'-9" Maximum Post Spacing)

FILE NAME = 190981-shi-B4dige.dgn	USER NAME = rthosck	DESIGNED - R.P.P.	REVISED -
HAMPTON, LENZINI AND RENWICK, INC. 3035 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62763 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.009959	PLOT SCALE = \$SCALE\$	CHECKED - S.W.M.	REVISED -
	PLOT DATE = 10/26/2021	DRAWN - A.C.	REVISED -
		CHECKED - R.P.P.	REVISED -

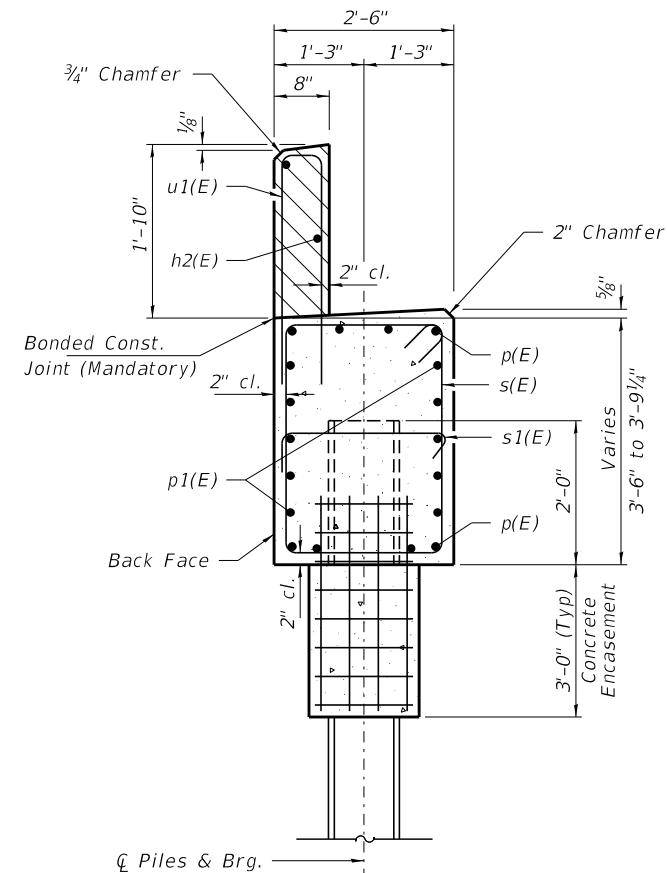
STATE OF ILLINOIS
 CLAY COUNTY HIGHWAY DEPARTMENT

STEEL RAILING, TYPE S-1
 STRUCTURE NO. 013-3253
 SHEET NO. 5 OF 10 SHEETS

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
373	04-12114-00-BR	CLAY	22	9
XENIA ROAD DISTRICT		CONTRACT NO. 95898		

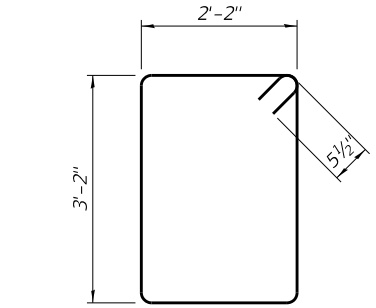


PLAN

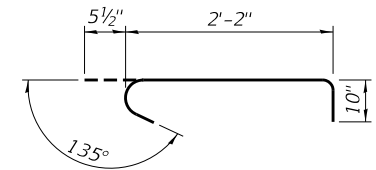


SECTION A-A

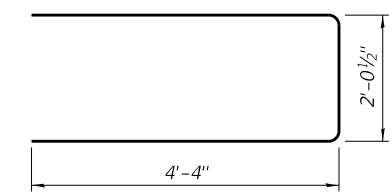
Hatched area to be poured after beams are in place.
Cast top of wingwall flush with exterior beam face after beams have been erected.



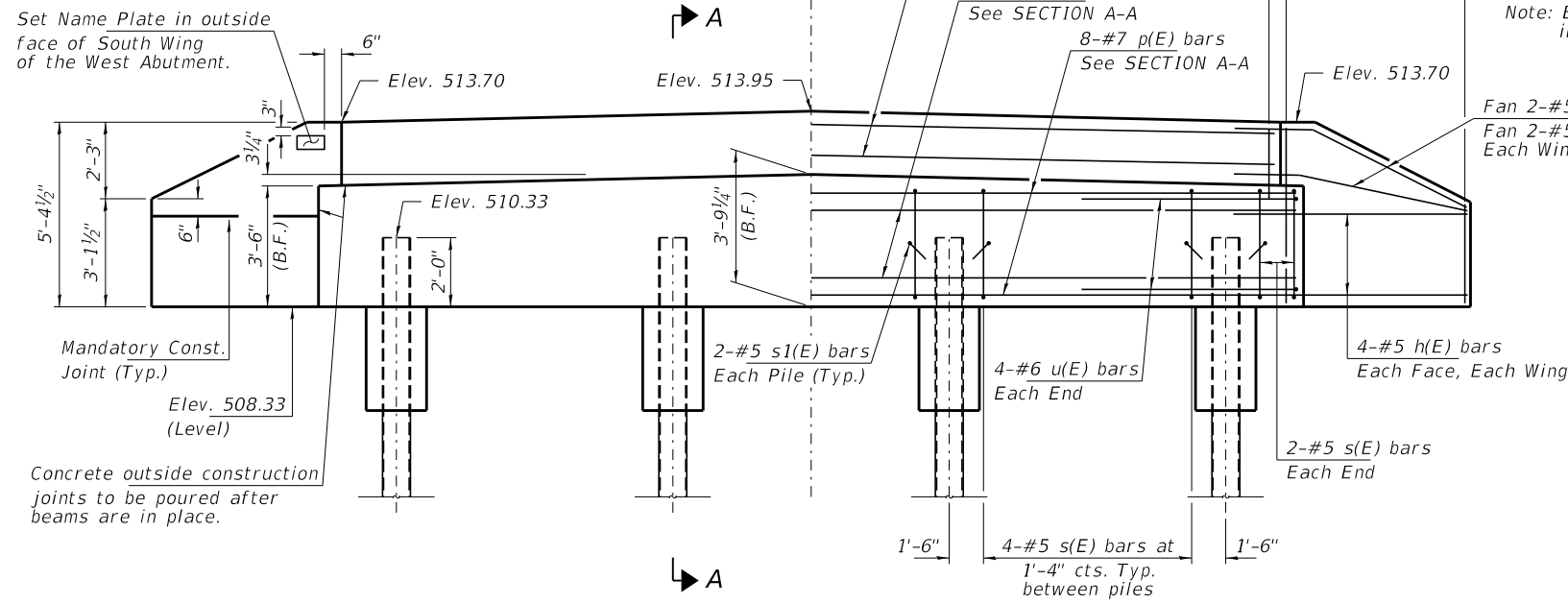
BAR s(E)



BAR s1(E)



BAR u(E)



ELEVATION
(Looking West)

PILE DATA

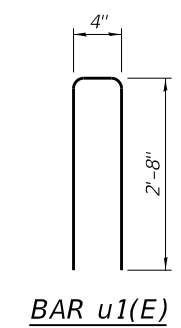
Type: Steel HP10x42
Nominal Required Bearing: 335 Kips/Pile
Factored Resistance Available: 184 Kips/Pile
Est. Length: 45 Ft/Pile
No. Production Piles: 3
No. Test Piles: 1

Notes: One test pile shall be driven in a permanent location at the West Abutment.

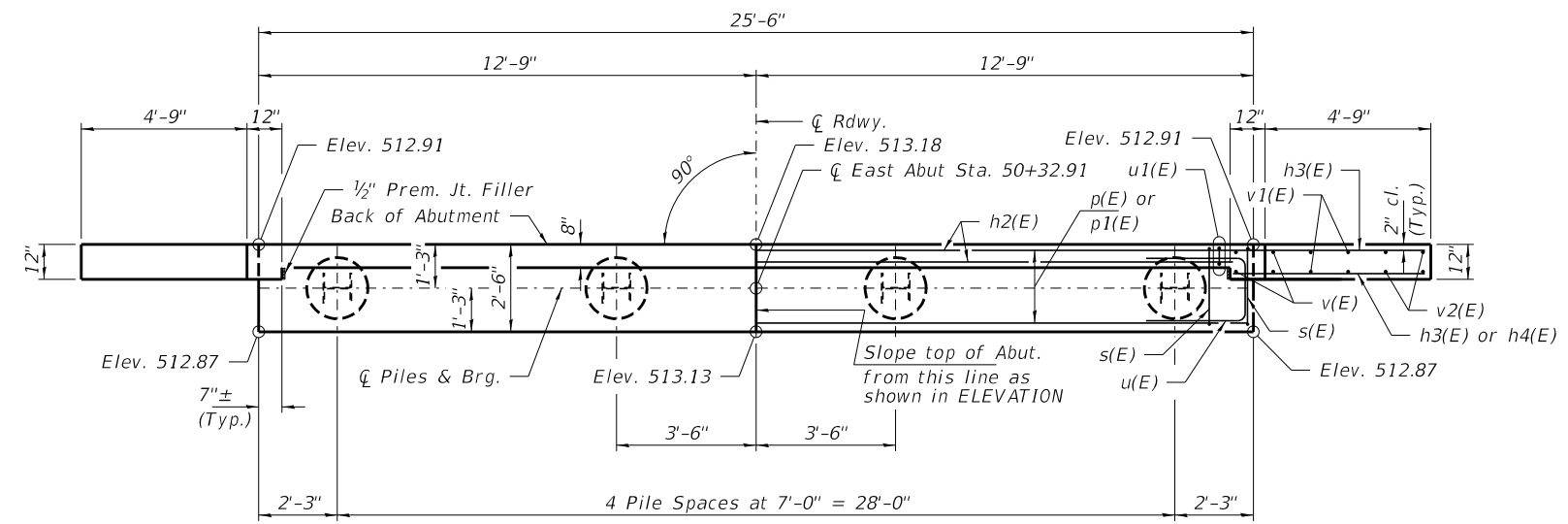
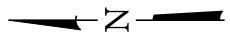
The test pile shall be driven to 110 percent of the Nominal Required Bearing indicated in the pile data information.

BILL OF MATERIAL - W. ABUT.

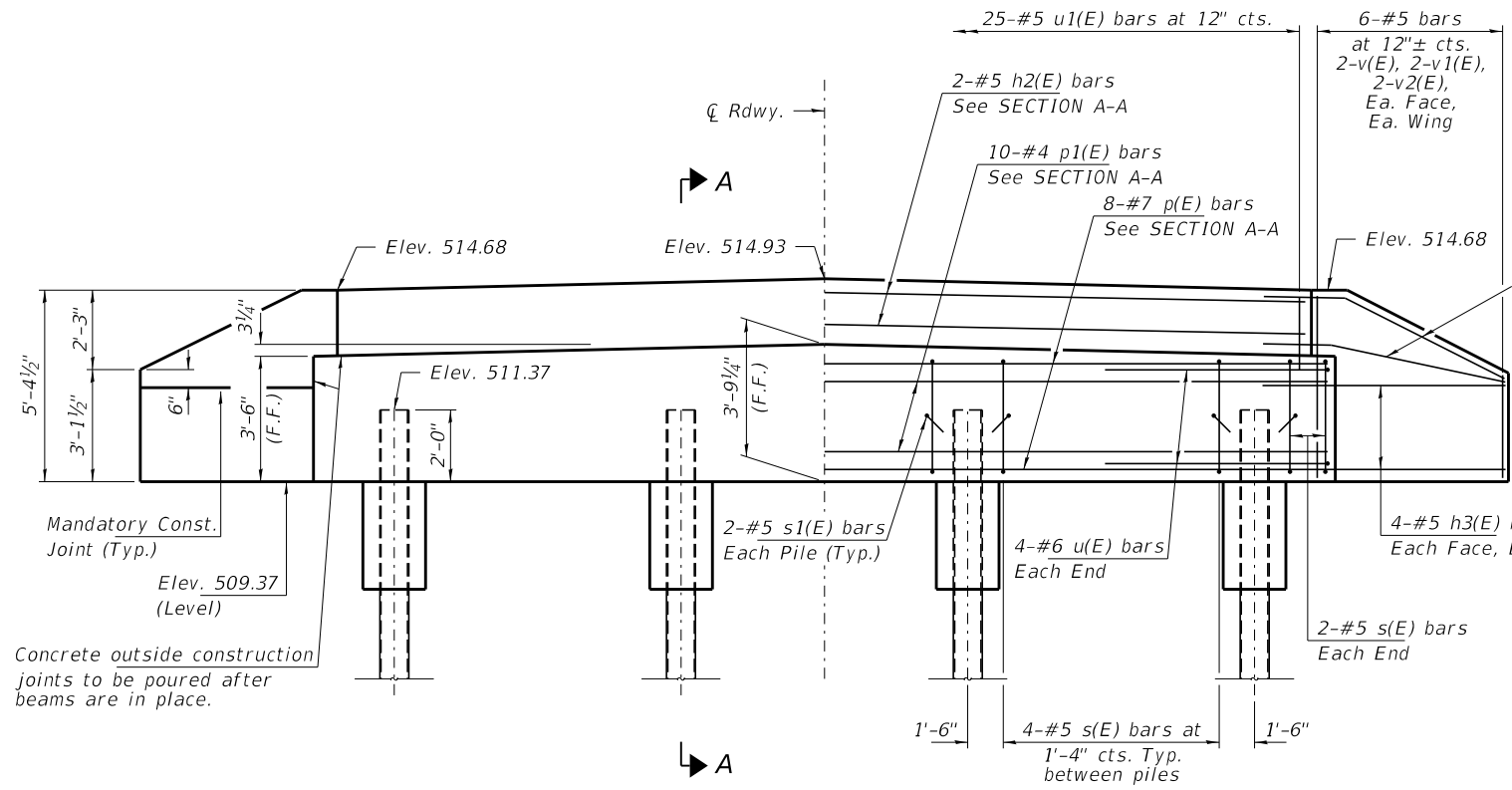
BAR	NO.	SIZE	LENGTH	SHAPE
h(E)	20	#5	6'-9"	—
h1(E)	4	#5	5'-3"	—
h2(E)	2	#5	25'-2"	—
p(E)	8	#7	25'-2"	—
p1(E)	10	#4	25'-2"	—
s(E)	16	#5	11'-7"	□
s1(E)	8	#5	3'-6"	┌
u(E)	8	#6	10'-9"	—
u1(E)	25	#5	5'-8"	—
v(E)	8	#5	4'-10"	—
v1(E)	8	#5	3'-10"	—
v2(E)	8	#5	2'-10"	—
Concrete Structures			Cu. Yd.	11.4
Concrete Encasement			Cu. Yd.	1.4
Reinforcement Bars, Epoxy Coated			Pound	1,390
Steel Piles HP10x42			Foot	135
Test Pile Steel HP10x42			Each	1
Name Plates			Each	1



BAR u1(E)



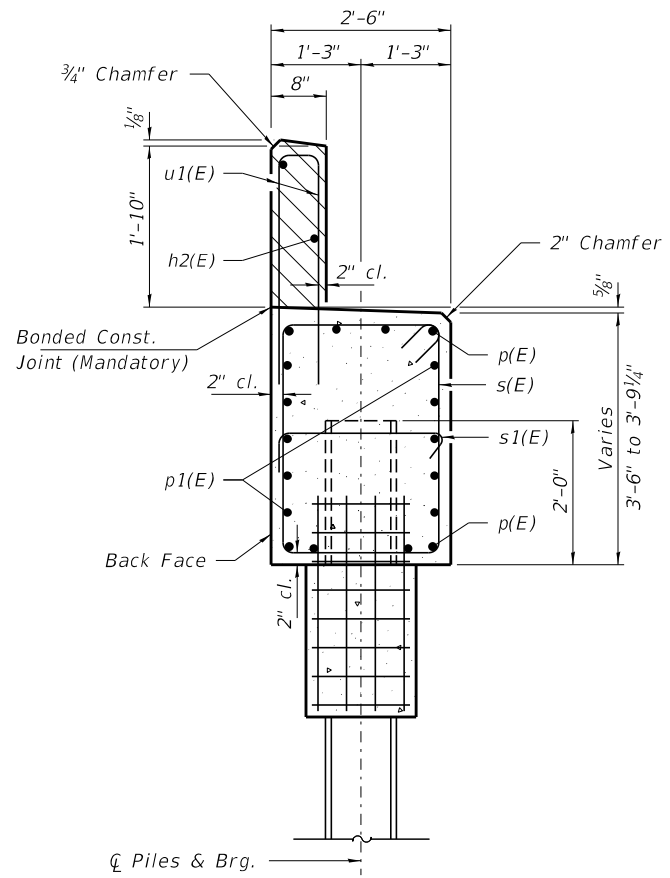
PLAN



ELEVATION
(Looking East)

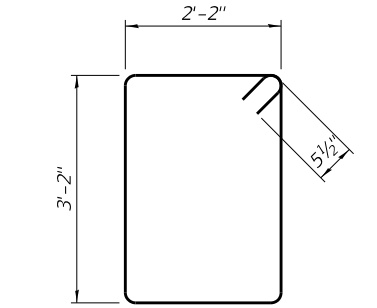
PILE DATA

Type: Steel HP10x42
 Nominal Required Bearing: 335 Kips/Pile
 Factored Resistance Available: 184 Kips/Pile
 Est. Length: 45 Ft/Pile
 No. Production Piles: 4
 No. Test Piles: 0

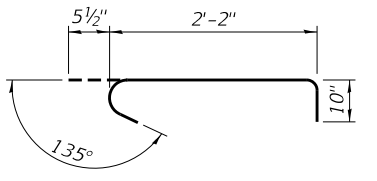


SECTION A-A

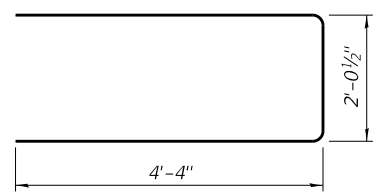
Hatched area to be poured after beams are in place.
 Cast top of wingwall flush with exterior beam face after beams have been erected.



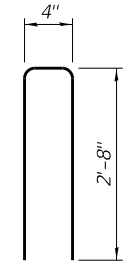
BAR s(E)



BAR s1(E)



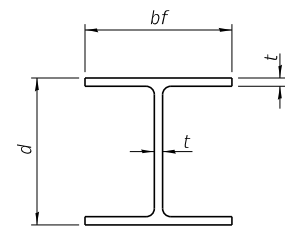
BAR u(E)



BAR u1(E)

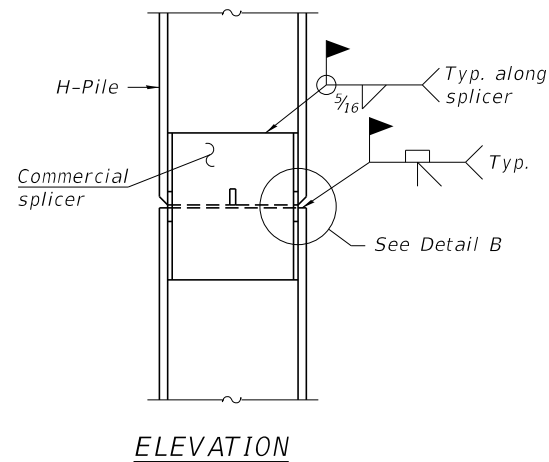
BILL OF MATERIAL - E. ABUT.

BAR	NO.	SIZE	LENGTH	SHAPE
h2(E)	2	#5	25'-2"	—
h3(E)	20	#5	7'-0"	—
h4(E)	4	#5	5'-9"	—
p(E)	8	#7	25'-2"	—
p1(E)	10	#4	25'-2"	—
s(E)	16	#5	11'-7"	□
s1(E)	8	#5	3'-6"	U
u(E)	8	#6	10'-9"	U
u1(E)	25	#5	5'-8"	U
v(E)	8	#5	4'-10"	—
v1(E)	8	#5	3'-10"	—
v2(E)	8	#5	2'-10"	—
Concrete Structures			Cu. Yd.	11.4
Concrete Encasement			Cu. Yd.	1.4
Reinforcement Bars, Epoxy Coated			Pound	1,400
Steel Piles HP10x42			Foot	180

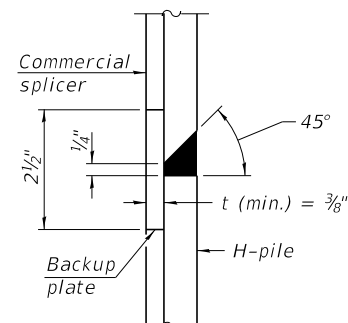


STEEL PILE TABLE

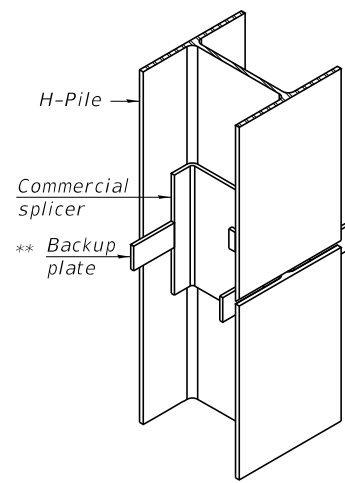
Designation	Depth d	Flange width bf	Web and Flange thickness t	Encasement diameter A
HP 14x117	14 1/4"	14 7/8"	1 3/16"	30"
x102	14"	14 3/4"	1 1/16"	30"
x89	13 7/8"	14 3/4"	5/8"	30"
x73	13 3/8"	14 3/8"	1/2"	30"
HP 12x84	12 1/4"	12 1/4"	1 1/16"	24"
x74	12 1/8"	12 1/4"	5/8"	24"
x63	12"	12 1/8"	1/2"	24"
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"



ELEVATION

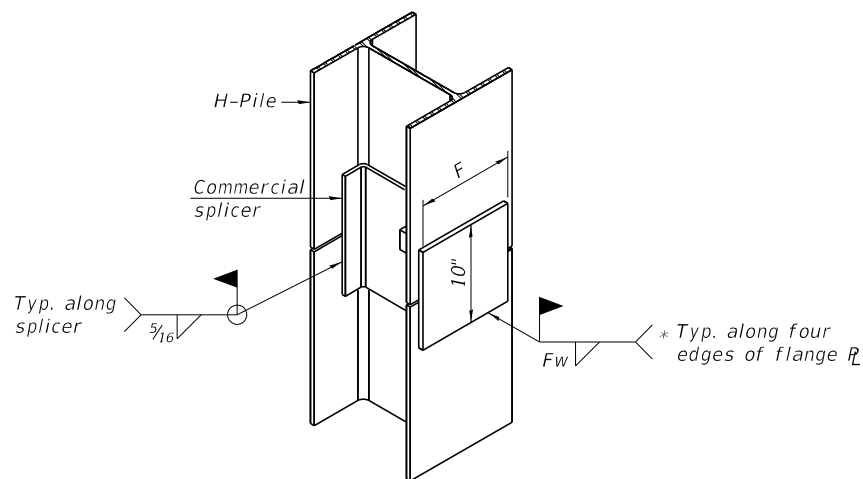


DETAIL "B"



ISOMETRIC VIEW

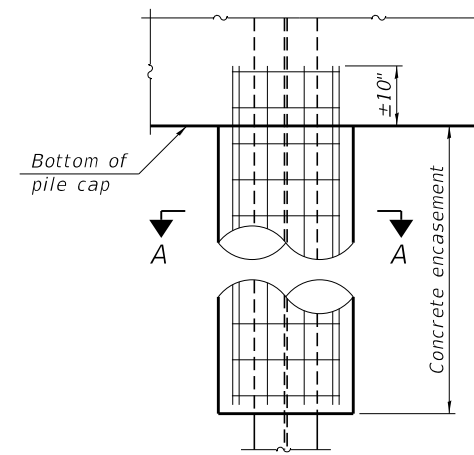
WELDED COMMERCIAL SPLICE



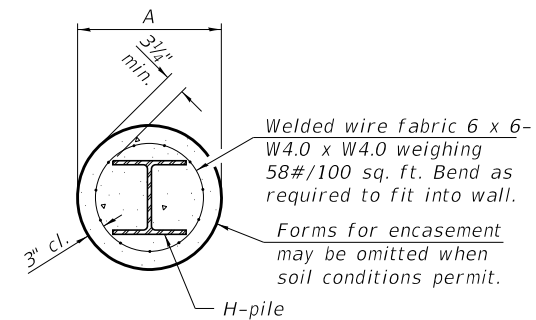
ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE ALTERNATE

- * 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.).

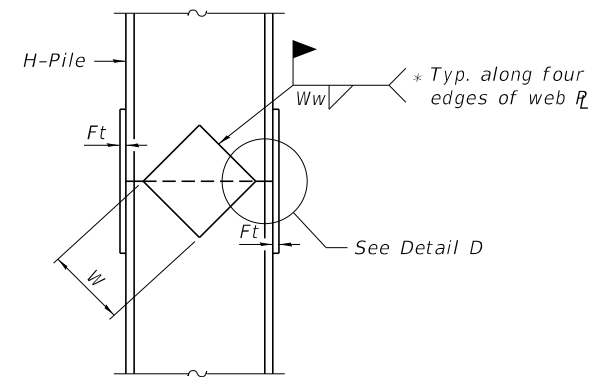


ELEVATION

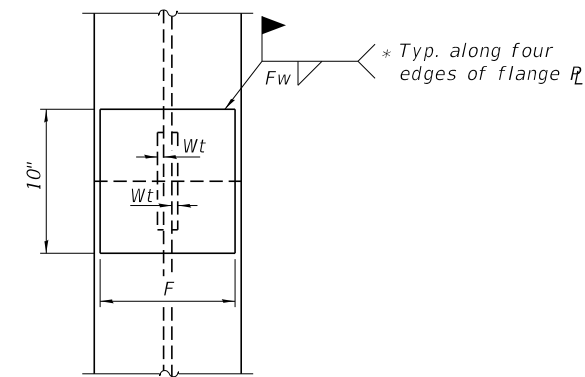


SECTION A-A

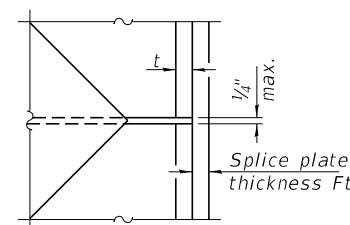
INDIVIDUAL PILE CONCRETE ENCASUREMENT (when specified)



ELEVATION



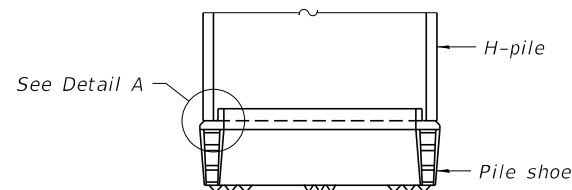
END VIEW



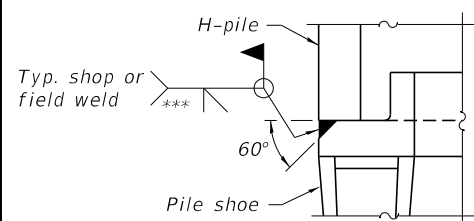
DETAIL D

WELDED PLATE FIELD SPLICE

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"



ELEVATION



DETAIL A

SHOE ATTACHMENT

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

F-HP 1-1-2020

FILE NAME = 190981-shi-Bldge.dgn	USER NAME = rtholck	DESIGNED - R.P.P.	REVISIONS	STATE OF ILLINOIS CLAY COUNTY HIGHWAY DEPARTMENT	HP PILE DETAILS STRUCTURE NO. 013-3253	T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HAMPTON, LENZINI AND RENWICK, INC. 3035 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM L.S. / P.E. / S.E. CORP. 184.000959	PLOT SCALE = \$SCALE\$	CHECKED - S.W.M.	REVISED -			373	04-12114-00-BR	CLAY	22	12
	PLOT DATE = 10/26/2021	DRAWN - A.C.	REVISED -			XENIA ROAD DISTRICT		CONTRACT NO. 95898		
		CHECKED - R.P.P.	REVISED -			ILLINOIS		FED. AID PROJECT BQ7G(886)		

NOBLE		BORING No. B-1		water level reading					
ENGINEERING CONSULTANTS		County: Clay, IL	Sheet No. 1 of 2	1st encounter: 12'					
Client: HLR		Weather: Overcast	Temperature: 50's	water level reading					
Driller: Noble Engineering Consultants		Date Start: 3-02-20	Surface Elevation: 100**	@completion	Dry Cave				
Location: 04-12114-00-BR		Date Finished: 3-02-20	Driller: Tony Schoccker	Backfill:	Soil cuttings				
Depth:	Sample No.	Sample Depth	N-Value	Blow Count	Recovery (%)	Qp (tsf)*	Soil Description	USC Class.	Elev.**
1							0.0'-0.2' Crushed Rock, topsoil, etc. FILL		98.5
2	SS-1	1.0'-2.5'	7	2-3-4	10			FILL	97.5
3									96.5
4	SS-2	3.5'-5.0'	12	3-3-9	10		0.2'-7.0' Silt, Clay, Etc. FILL	FILL	95.5
5									94.5
6	SS-3	6.0'-7.5'	7	2-3-4	40		7.0'-9.0' SILTY CLAY, trace sand, medium stiff, brown	FILL	93.5
7									92.5
8									91.5
9	SS-4	8.5'-10.0'	8	2-3-5	100	-	9.0'-12.0' SILTY FINE TO MEDIUM SAND, trace gravel, loose, moist to saturated, brown	CL	90.5
10									89.5
11									88.5
12									87.5
13									86.5
14	SS-5	13.5'-15.0'	33	9-11-22	100	4.5+	12.0'-27.0' CLAYEY SILT, trace to some sand, hard, brown to gray	CL-ML	85.5
15									84.5
16									83.5
17									82.5
18									81.5
19	SS-6	18.5'-20.0'	22	6-9-13	100	4.5+		CL-ML	80.5
20									79.5
21									78.5
22									77.5
23									76.5
24	SS-7	23.5'-25.0'	19	6-9-11	100	4.0		CL-ML	75.5
25									74.5
26									73.5
27									72.5
28									71.5
29									70.5
30	SS-8	28.5'-30.0'	16	4-6-10	100	2.1	27.0'-33.0' CLAY, trace sand, trace gravel, very stiff, gray	CH	69.5
Drilling Method: HSA (2-1/4" id)				comments * Qp test is an estimate of the unconfined compressive strength performed by a compact calibrated spring loaded cylinder					
Depth: 0' to 50'				** ground surface elevation at boring location is estimated from bridge deck					
Drill Rig: Mobile B-47				100.0 and is not surveyed (513.2)					
Sampling: split-spoon (SS)									

NOBLE		BORING No. B-1		water level reading					
ENGINEERING CONSULTANTS		County: Clay, IL	Sheet No. 2 of 2	1st encounter: 12'					
Client: HLR		Weather: Overcast	Temperature: 50's	water level reading					
Driller: Noble Engineering Consultants		Date Start: 3-02-20	Surface Elevation: 100**	@completion	Dry Cave				
Location: 04-12114-00-BR		Date Finished: 3-02-20	Driller: Tony Schoccker	Backfill:	Soil cuttings				
Depth:	Sample No.	Sample Depth	N-Value	Blow Count	Recovery (%)	Qp (tsf)*	Soil Description	USC Class.	Elev.**
31									68.5
32									67.5
33									66.5
34	SS-9	33.5'-35.0'	30	9-12-18	100	3.9		CL-ML	65.5
35									64.5
36									63.5
37									62.5
38									61.5
39	SS-10	38.5'-40.0'	50+	20-29-50/5*	100	4.1	33.0'-50.0' CLAYEY SILT, trace to some sand, trace to some gravel, occasional clay seams, occasional weathered rock seams below 40', very stiff to hard, gray	CL-ML	60.5
40									59.5
41									58.5
42									57.5
43									56.5
44	SS-11	43.5'-45.0'	50+	27-50/5.5*	50	-		CL-ML	55.5
45									54.5
46									53.5
47									52.5
48									51.5
49	SS-12	48.5'-50.0'	84+	21-34-50/5*	100	4.5+		CL-ML	50.5
50									49.5
51									
52									
53									
54									
55									
56									
57									
58									
59									
60									
Drilling Method: HSA (2-1/4" id)				comments * Qp test is an estimate of the unconfined compressive strength performed by a compact calibrated spring loaded cylinder					
Depth: 0' to 42.4'				** ground surface elevation at boring location is estimated and is not surveyed (513.2)					
Drill Rig: Mobile B-47									
Sampling: split-spoon (SS)									

BORING-1

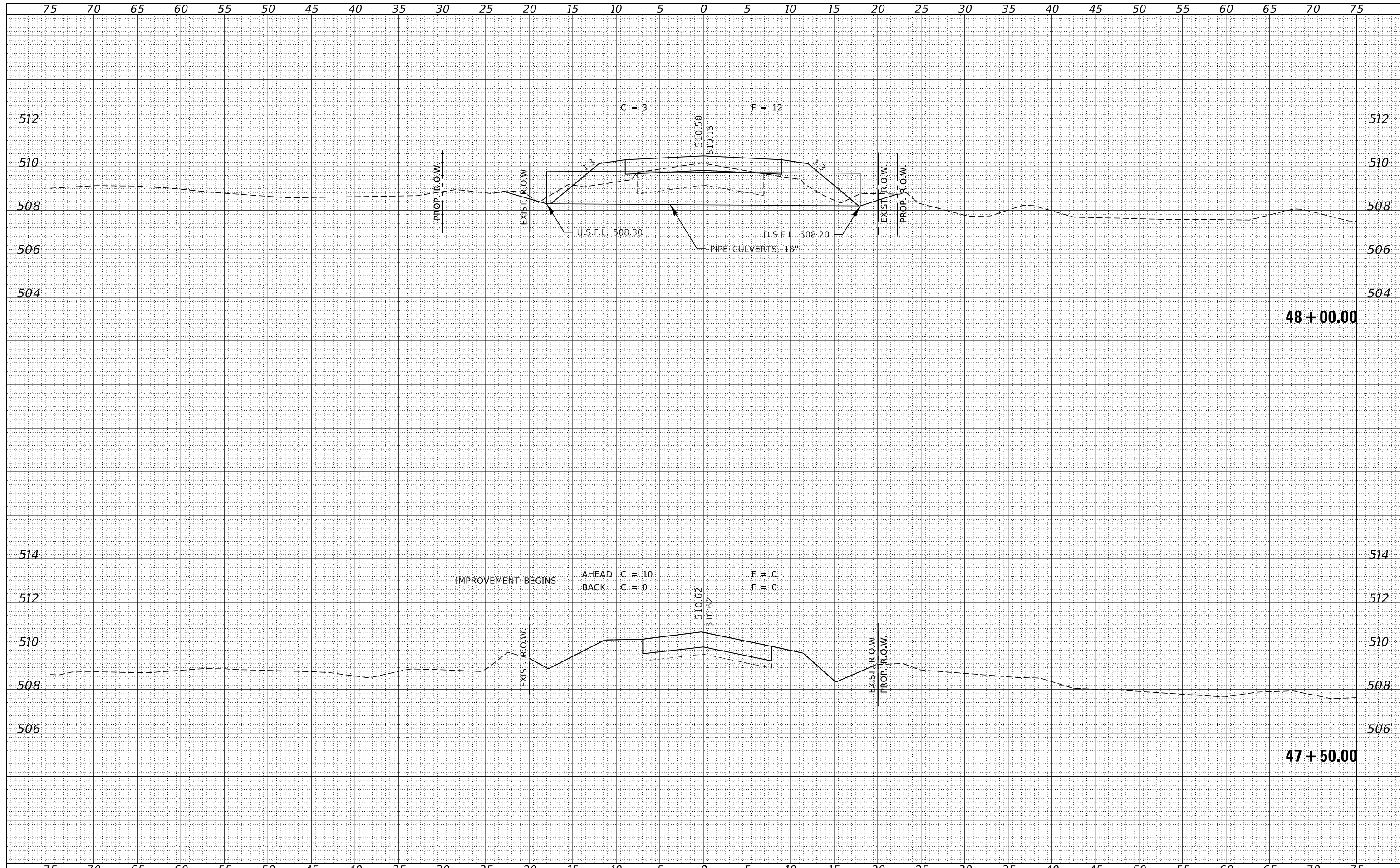
NOBLE				BORING No. B-2		water level reading			
ENGINEERING CONSULTANTS		County: Clay, IL		Sheet No. 1 of 2		1st encounter: 14'			
Client: HLR		Weather: Overcast		Temperature: 50's		water level reading			
Driller: Noble Engineering Consultants		Date Start: 3-02-20		Surface Elevation: 100**		@completion Dry Cave			
Location: 04-12114-00-BR		Date Finished: 3-02-20		Driller: Tony Schocker		Backfill: Soil cuttings			
Depth:	Sample No.	Sample Depth	N-Value	Blow Count	Recovery (%)	Qp (tsf)*	Soil Description	USC Class.	Elev.**
1							0.0'-0.2' Crushed Rock, topsoil, etc. FILL		98.5
2 (511.4)	SS-1	1.0'-2.5'	14	11-4-10	30			FILL	97.5
3									96.5
4 (509.4)	SS-2	3.5'-5.0'	9	3-5-4	30		0.2'-8.0' Silt, Clay, Etc. FILL	FILL	95.5
5									94.5
6 (507.4)	SS-3	6.0'-7.5'	5	2-2-3	70		8.0'-10.0' SILTY CLAY, trace sand, medium stiff, brown	FILL	93.5
7									92.5
8									91.5
9 (504.4)	SS-4	8.5'-10.0'	7	2-3-4	100	0.9	10.0'-14.0' SILTY FINE TO MEDIUM SAND, trace gravel, loose, moist to saturated, brown	CL	90.5
10									89.5
11									88.5
12									87.5
13									86.5
14 (499.4)	SS-5	13.5'-15.0'	22	5-10-12	100	4.5+	14.0'-23.5' CLAYEY SILT, trace to some sand, hard, brown to gray	CL-ML	85.5
15									84.5
16									83.5
17									82.5
18									81.5
19 (494.4)	SS-6	18.5'-20.0'	19	6-8-11	100	4.5+		CL-ML	80.5
20									79.5
21									78.5
22									77.5
23									76.5
24 (489.4)	SS-7	23.5'-25.0'	17	5-7-10	100	4.0		CL-ML	75.5
25									74.5
26									73.5
27									72.5
28									71.5
29									70.5
30 (483.4)	SS-8	28.5'-30.0'	15	5-7-8	100	2.1	23.5'-47.0' CLAY, occ. clayey silt seams, tr. sand, tr. gravel, hard to v. stiff, gray	CH	69.5
Drilling Method: HSA (2-1/4" id)		comments		* Qp test is an estimate of the unconfined compressive strength performed by a compact calibrated spring loaded cylinder					
Depth: 0' to 50'				** ground surface elevation at boring location is estimated from bridge deck 100.0 and is not surveyed (513.4)					
Drill Rig: Mobile B-47									
Sampling: split-spoon (SS)									

NOBLE				BORING No. B-2		water level reading			
ENGINEERING CONSULTANTS		County: Clay, IL		Sheet No. 2 of 2		1st encounter: 14'			
Client: HLR		Weather: Overcast		Temperature: 50's		water level reading			
Driller: Noble Engineering Consultants		Date Start: 3-02-20		Surface Elevation: 100**		@completion Dry Cave			
Location: 04-12114-00-BR		Date Finished: 3-02-20		Driller: Tony Schocker		Backfill: Soil cuttings			
Depth:	Sample No.	Sample Depth	N-Value	Blow Count	Recovery (%)	Qp (tsf)*	Soil Description	USC Class.	Elev.**
31									68.5
32									67.5
33									66.5
34 (479.4)	SS-9	33.5'-35.0'	21	9-9-12	100	3.1	23.5'-47.0' CLAY, occ. clayey silt seams, occ. rock seams below 40', tr. sand, tr. gravel, hard to v. stiff, gray	CH	65.5
35									64.5
36									63.5
37									62.5
38									61.5
39 (474.4)	SS-10	38.5'-40.0'	17	5-8-9	100	2.0		CH	60.5
40									59.5
41									58.5
42									57.5
43									56.5
44 (469.4)	SS-11	43.5'-45.0'	19	7-9-10	80	2.2		CH	55.5
45									54.5
46									53.5
47									52.5
48									51.5
49 (464.4)	SS-12	48.5'-50.0'	31	9-15-16	100	4.5+	47.0'-50.0' CLAYEY SILT, trace to some sand, trace to some gravel, hard, gray	CL-ML	50.5
50									49.5
51									
52									
53									
54									
55									
56									
57									
58									
59									
60									
Drilling Method: HSA (2-1/4" id)		comments		* Qp test is an estimate of the unconfined compressive strength performed by a compact calibrated spring loaded cylinder					
Depth: 0' to 42.4'				** ground surface elevation at boring location is estimated and is not surveyed (513.4)					
Drill Rig: Mobile B-47									
Sampling: split-spoon (SS)									

BORING-2

DATE	BY	SURVEYED	PLOTTED
		AREAS CHECKED	AREAS CHECKED
		NOTE BOOK	NO.
		FINISH SURVEY	NO.

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



FILE NAME = 190681-shl-xssheet.dgn
 USER NAME = rmosck
 DESIGNED - J.V.F.
 DRAWN - T.W.K.
 CHECKED - S.W.M.
 DATE - 10/26/2021
 PLOT SCALE = \$SCALE\$
 PLOT DATE = 10/26/2021

REVISIED -
 REVISIED -
 REVISIED -
 REVISIED -

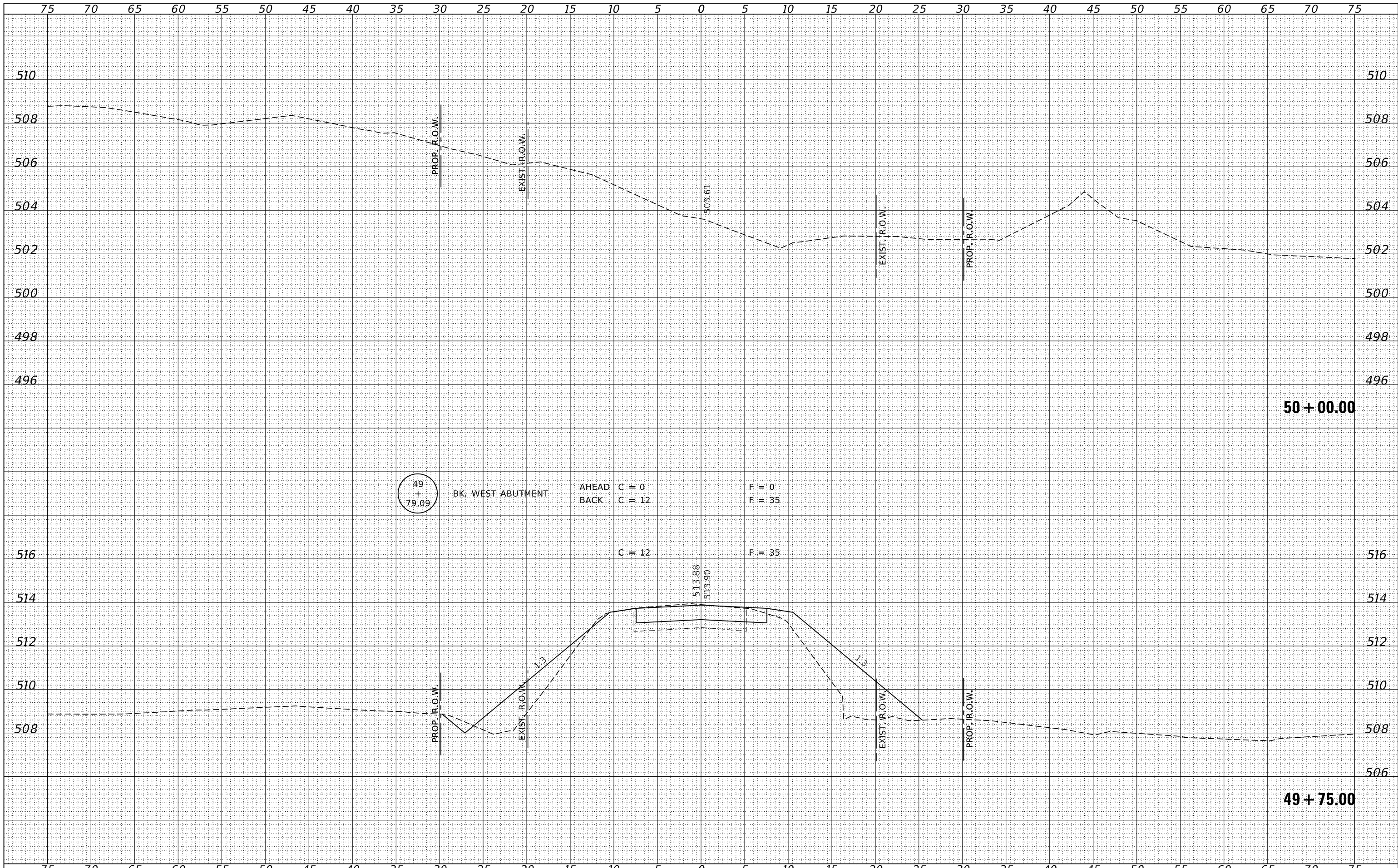
STATE OF ILLINOIS
 CLAY COUNTY HIGHWAY DEPARTMENT

STATION CROSS SECTIONS
 SCALE: 5H:2V
 SHEET NO. 2 OF 8 SHEETS
 STA. 47+50.00 TO STA. 48+00.00

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
373	04-12114-00-BR	CLAY	22	16
XENIA ROAD DISTRICT			CONTRACT NO. 95898	
ILLINOIS FED. AID PROJECT BQ7G(886)				

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

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



FILE NAME = 190681-sh1-xssheet.dgn
 USER NAME = rmosick
 DESIGNED - J.W.F.
 DRAWN - T.W.K.
 CHECKED - S.W.M.
 DATE - 10/26/2021
 PLOT SCALE = \$SCALES
 PLOT DATE = 10/26/2021

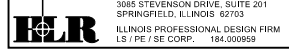
REVISIED -
 REVISIED -
 REVISIED -
 REVISIED -

STATE OF ILLINOIS
 CLAY COUNTY HIGHWAY DEPARTMENT

STATION CROSS SECTIONS

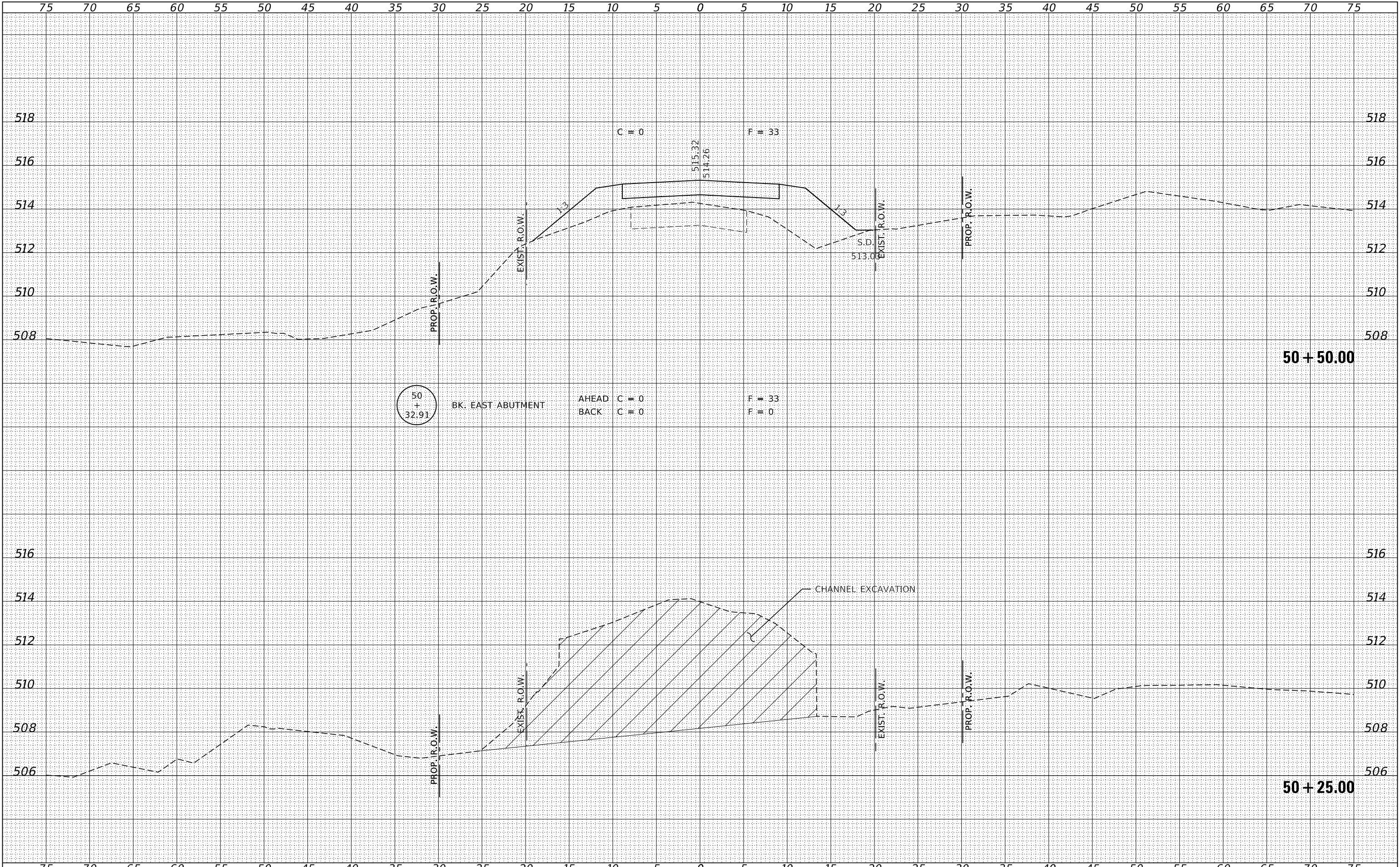
SCALE: 5H:2V SHEET NO. 5 OF 8 SHEETS STA. 49+75.00 TO STA. 50+00.00

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
373	04-12114-00-BR	CLAY	22	19
XENIA ROAD DISTRICT			CONTRACT NO. 95898	
ILLINOIS FED. AID PROJECT BQ7G(886)				



BY	DATE

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	



FILE NAME = 190681-shl-xssheet.dgn
 USER NAME = rmosck
HAMPTON, LENZINI AND RENWICK, INC.
 3885 STEVENSON DRIVE, SUITE 201
 SPRINGFIELD, ILLINOIS 62703
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184-009958

DESIGNED - J.V.F.
 DRAWN - T.W.K.
 CHECKED - S.W.M.
 DATE - 10/26/2021
 PLOT SCALE = \$SCALES
 PLOT DATE = 10/26/2021

REVISED -
 REVISED -
 REVISED -
 REVISED -

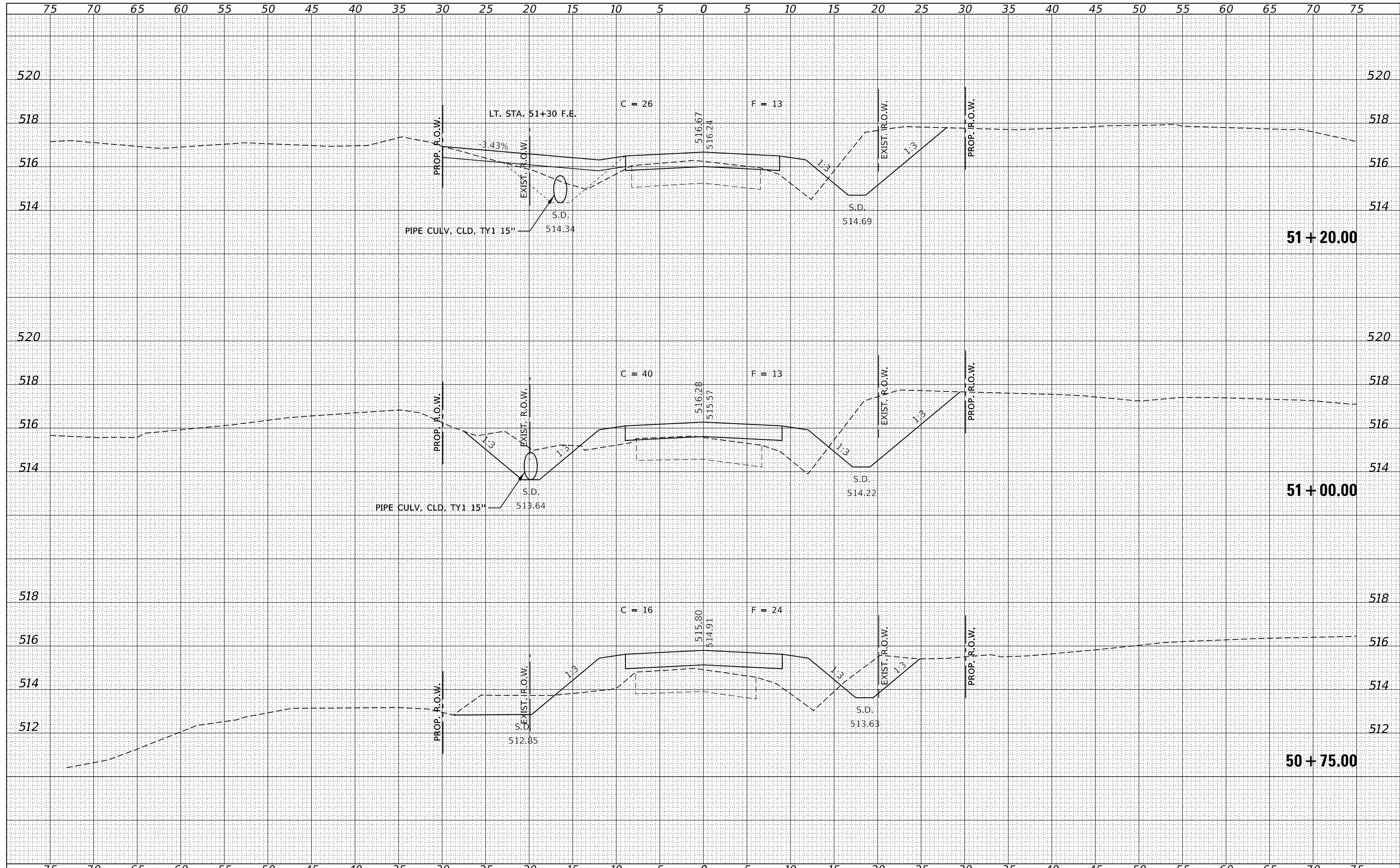
**STATE OF ILLINOIS
 CLAY COUNTY HIGHWAY DEPARTMENT**

STATION CROSS SECTIONS
 SCALE: 5H:2V
 SHEET NO. 6 OF 8 SHEETS
 STA. 50+25.00 TO STA. 50+50.00

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
373	04-12114-00-BR	CLAY	22	20
XENIA ROAD DISTRICT			CONTRACT NO. 95898	
ILLINOIS FED. AID PROJECT BQ7G(886)				

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



FILE NAME = 190681-shl-vssheet.dgn	USER NAME = rmosck	DESIGNED - J.W.F.	REVISED -	STATE OF ILLINOIS CLAY COUNTY HIGHWAY DEPARTMENT	STATION CROSS SECTIONS		T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HAMPTON, LENZINI AND RENWICK, INC. 3885 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM L.S. / P.E. / S.E. CORP. 184.009958	PLOT SCALE = \$SCALES	DRAWN - T.W.K.	REVISED -		373	04-12114-00-BR	CLAY	22	21		
PLOT DATE = 10/26/2021	DATE - 10/26/2021	CHECKED - S.W.M.	REVISED -		SCALE: 5H:2V		SHEET NO. 7 OF 8 SHEETS		STA. 51+50.00 TO STA. 52+00.00	CONTRACT NO. 95898	
		REVISOR -	REVISED -						ILLINOIS FED. AID PROJECT BQ7G(886)		

