CONTRACT NO. 97799 03-10-2023 LETTING ITEM 139

INDEX OF SHEETS

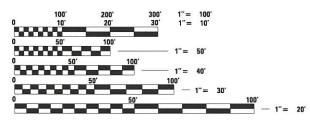
- 1 COVER SHEET
- 2 SUMMARY OF QUANTITIES, TYPICAL SECTIONS, GENERAL NOTES, AND COMMITMENTS
- 3 PLAN AND PROFILE OF ROADWAY
- 4 DETOUR ROUTE PLAN
- 5 GENERAL PLAN AND ELEVATION
- 6 GENERAL DATA AND SUMMARY OF BRIDGE QUANTITIES
- 7-8 PRECAST PRESTRESSED CONCRETE
- DECK BEAM DETAILS
- 9 STEEL RAILING, TYPE SM
- 10-11 ABUTMENT DETAILS
- 12 HP PILE DETAILS
- 13-14 CROSS SECTIONS OF ROADWAY

HIGHWAY STANDARDS (SEE SPECIFICATIONS) 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS 280001-07 TEMPORARY EROSION CONTROL SYSTEMS 515001-04 NAME PLATE FOR BRIDGES 630301-09 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS 631032-10 TRAFFIC BARRIER TERMINAL, TYPE 6A 701901-08 TRAFFIC CONTROL DEVICES 725001-01 OBJECT AND TERMINAL MARKERS 780001-05 TYPICAL PAVEMENT MARKINGS BLR 21-9 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS BLR 23-4 TRAFFIC BARRIER TERMINAL TYPE 1 BLR 24-1 MAILBOX TURNOUT FOR LOCAL ROADS

SOIL BORINGS (SEE SPECIFICATIONS)

DESIGN CLASSIFICATION: MAJOR COLLECTOR ADT₂₀₂₂ : <u>1900</u>

DESIGN SPEED: 35 MPH



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

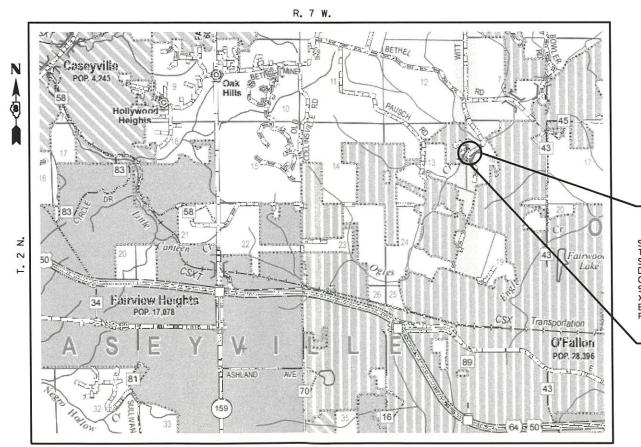
J.U.L.I.E.

JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS 1–800–892–0123 or 811 Website: http://www.illinois1call.com

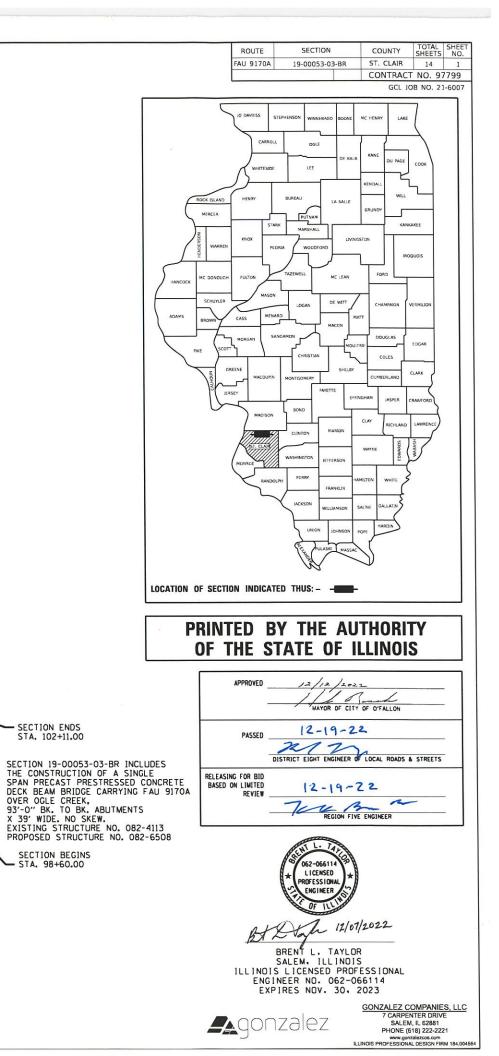
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

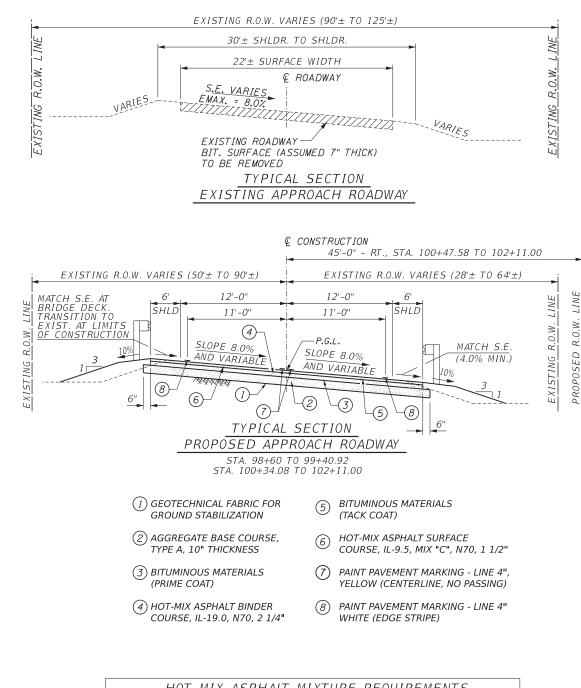
PLANS FOR PROPOSED STP-URBAN BRIDGE

FAU 9170A (SIMMONS ROAD) BRIDGE OVER OGLE CREEK SECTION 19–00053–03–BR PROJECT NO. 6XE7(798) CITY OF O'FALLON ST. CLAIR COUNTY JOB NO. C–98–013–23



NOT TO SCALE LOCATION: NEAR THE SW CORNER, NW 1/4, SECTION 18, T2N, R7W 3rd P.M. NET LENGTH OF PROJECT: 351.00 FT. = 0.066 MI. GROSS LENGTH OF PROJECT: 351.00 FT. = 0.066 MI.





HUI-MIX ASPHALI MIXIURE REQUIREMENTS				
MIXTURE USE(S):	SURFACE COURSE	BINDER COURSE		
AC/PG:	64-22	64-22		
RAP% (MAX):	15%	25%		
DESIGN AIR VOIDS:	4.0% @ N=70	4.0% @ N=70		
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5	IL 19.0		
FRICTION AGGREGATE:	MIXTURE C	N.A.		

UTILITIES

DESIGN PHASE LOCATE J.U.L.I.E. DIG NO. A222624002-00A DATE: 09/19/2022

ATT / DISTRIBUTION G11629@ATT.COM

VILLAGE OF CASEYVILLE BRIAN K. RADER 618-578-3383

AMEREN ILLINOIS (SOUTH) SAM KASSING 618-972-1965

CHARTER COMMUNICATIONS JORDAN STAAT 314-393-3321

CASEYVILLE TOWNSHIP SEWER SYSTEM RANDY LE PERE 618-632-2414

CITY OF O'FALLON HEIDE BELLE 618-624-4500 x8750

GENERAL NOTES

1. THIS SECTION SHALL BE CONSTRUCTED ACCORDING TO THE PLANS, THE SPECIAL PROVISIONS, AND THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2022.

2. ROADWAY CENTERLINE PROFILES REFER TO THE FINISHED SURFACE

3. EXISTING UTILITES SHOWN ARE LOCATED FROM SURFACE OBSERVATIONS OR INFORMATION PROVIDED BY THE RESPECTIVE UTILITES AND MUST BE CONSIDERED APPROXIMATE AND ARE ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER. THERE MAY BE OTHERS, THE EXACT LOCATION OF WHICH ARE UNKNOWN AND NOT SHOWN. THE CONTRACTOR WILL BE RESPONSIBLE FOR NOTIFYNG THE RESPECTIVE UTILITES BEFORE WORK IS BEGUN. FIELD MARKING OF UNDERGROUND UTILITIES MAY BE OBTAINED BY PROVIDING A MINIMUM 48 HOURS ADVANCE NOTICE THROUGH THE J.U.L.I.E. SYSTEM BY CALLING 1-800-892-0123, 811, OR BY DIRECT CONTACT WITH NON-MEMBERS OF J.U.L.I.E.

4. FACTORS USED FOR QUANTITY CALCULATIONS ARE AS FOLLOWS:

COMMITMENTS

NO TREE CLEARING WILL BE ALLOWED OR PERFORMED FROM APRIL 1 THROUGH SEPTEMBER 30, IN AN EFFORT TO CONSERVE THE NORTHERN LONG-EARED BAT AND THE INDIANA BAT.

THE CITY OF O'FALLON WILL NOTIFY PUBLIC SERVICE PROVIDERS PRIOR TO THE START OF CONSTRUCTION.

Agonzalez

GONZALEZ COMPANIES, LLC	DESIGNED
7 CARPENTER DRIVE SALEM. IL 62881	DRAWN
PHONE (618) 222-2221 www.gonzalezcos.com	CHECKED
LINOIS PROFESSIONAL DESIGN FIRM 184.004564	DATE

 BLT
 REVISED

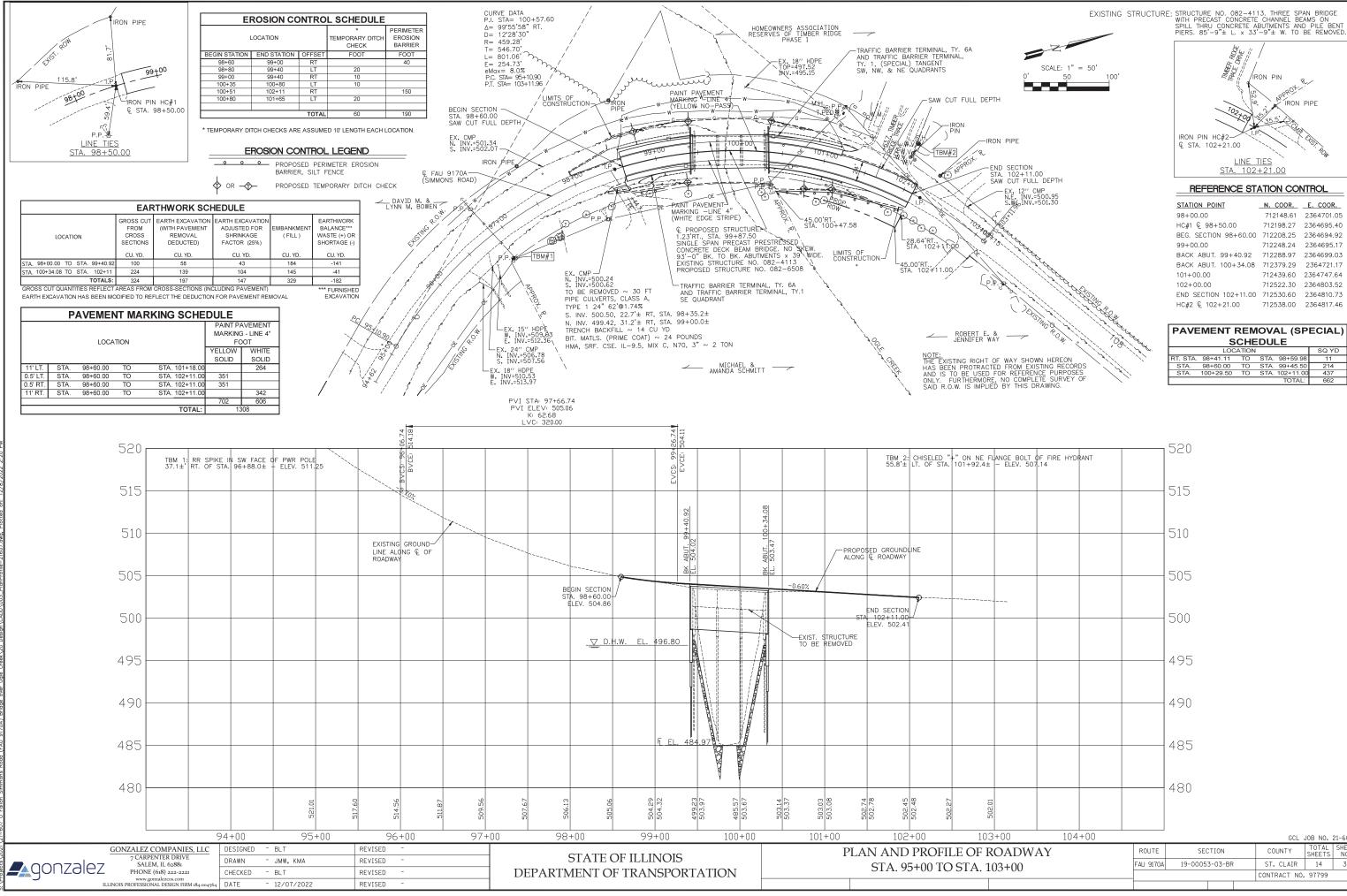
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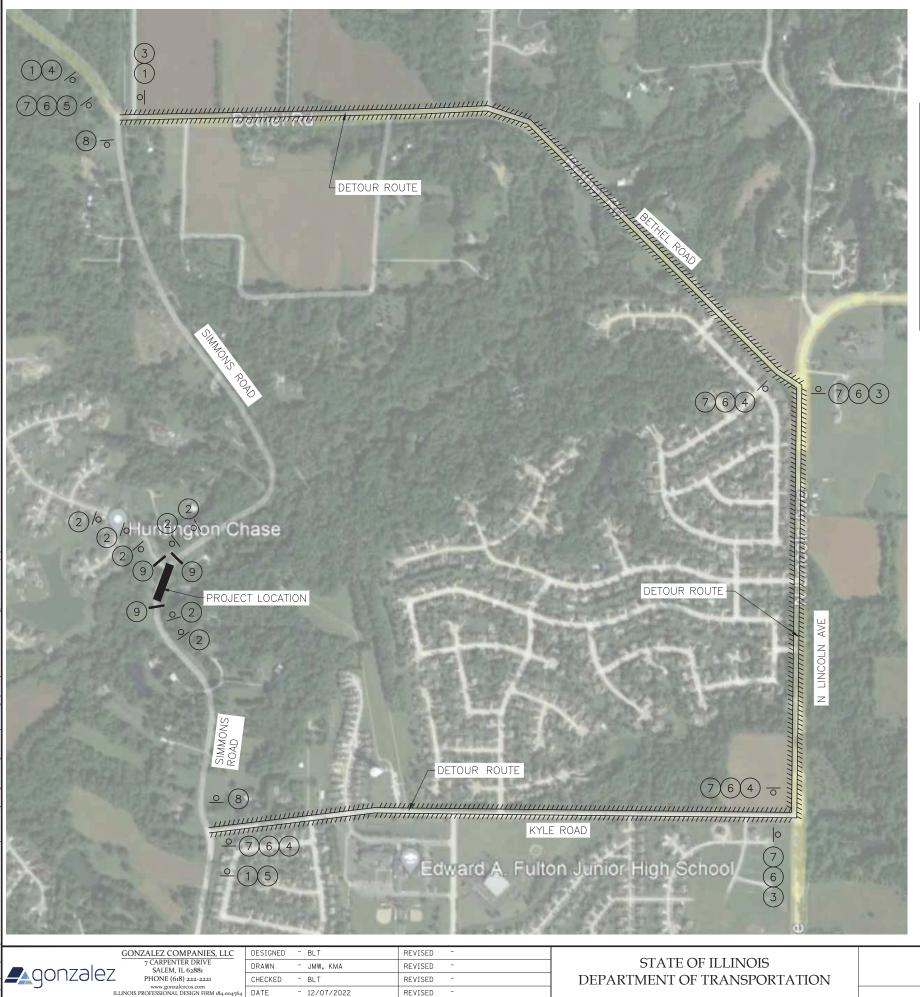
 12/07/2022
 REVISED

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

[SUMMARY	OF QUANTITIES			
	Code No.		lte			Unit	Total
	20200100	EARTH EXCAVATIO	ON			CU YD	195
	20300100	CHANNEL EXCAVA	ATION			CU YD	340
	20400800	FURNISHED EXCA	ATION			CU YD	185
	20800150	TRENCH BACKFILL				CU YD	14
	28000250	TEMPORARY EROSI	ON CONTROL S	SEEDING		POUND	50
	28000305	TEMPORARY DITC	H CHECKS			FOOT	60
	28000400	PERIMETER EROSI	ON BARRIER			FOOT	190
	21001000	GEOTECHNICAL F	ABRIC FOR GR	OUND STABILIZATION		SQ YD	991
	35100100	AGGREGATE BASE	COURSE, TYP	EA		TON	576
	40600275	BITUMINOUS MAT	TERIALS (PRIN	IE COAT)		POUND	2254
	40600290	BITUMINOUS MAT	TERIALS (TACK	COAT)		POUND	218
	40603085	HOT-MIX ASPHAL	T BINDER COL	JRSE, IL-19.0, N70		TON	122
	40604052	HOT-MIX ASPHAL	T SURFACE CC	URSE, IL-9.5, MIX "C", N	70	TON	152
	50105220	PIPE CULVERT REN	NOVAL			FOOT	30
	50300225	CONCRETE STRUC	TURES			CU YD	69.2
	50300280	CONCRETE ENCAS	EMENT			CU YD	5.6
	50400705	PRECAST PRESTRE	SSED CONCRE	ETE DECK BEAMS (42" DE	PTH)	SQ FT	3549
	50800205	REINFORCEMENT	BARS, EPOXY	COATED		POUND	10430
*	50901050	STEEL RAILING, TY	PESM			FOOT	186
	51201600	FURNISHING STEE	L PILES HP12x	53		FOOT	345
	51202305	DRIVING PILES				FOOT	345
	51203600	TEST PILE STEEL HI	P12x53			EACH	1
	51500100	NAME PLATES				EACH	1
	542A0229	PIPE CULVERTS, C	LASS A, TYPE 1	L 24"		FOOT	62
	58100200	WATERPROOFING	MEMBRANE	SYSTEM		SQ YD	403
	58300100	PORTLAND CEME	NT MORTAR F	AIRING COURSE		FOOT	1092
	59300100	CONTROLLED LOV	V-STRENGTH N	MATERIAL		CU YD	144
*	63100087	TRAFFIC BARRIER	TERMINAL, TY	YPE 6A		EACH	4
*	63100167	TRAFFIC BARRIER	TERMINAL, TY	PE 1 (SPECIAL) TANGEN	Т	EACH	3
	67100100	MOBILIZATION				LSUM	1
*	72501000	TERMINAL MARKE	R - DIRECT AP	PLIED		EACH	4
*	78001110	PAINT PAVEMENT	MARKING - L	INE 4"		FOOT	1308
*	X2300007	TRAFFIC BARRIER TERMINAL, TYPE 1					1
	X2501000	SEEDING, CLASS 2 (SPECIAL)					0.25
	X2810808	STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)					515
	X4404400	PAVEMENT REMOVAL (SPECIAL)					662
#	X5010205	REMOVAL OF EXISTING STRUCTURE, SPECIAL					1
	Z0076600 X7010216	TRAINEES TRAFFIC CONTROL				LSUM	1
#[Z0076604	TRAINEES TRA _TY ITEMS	INING PRO	GRAM GRADUATE # 0042		HOUR	500
	JE L'UIAI		ROUTE	SECTION	COL	GCL J JNTY T	OTAL SHEE HEETS NO.
	ECTIONS,		FAU 9170A	19-00053-03-BR		CLAIR	14 2
I IVI	ENTS				CONT	FRACT N	0.97799



		520			
E BOLT OF FIRE HYDRANT ELEV. 507.14		JLU			
		515			
		510			
		505			
		500			
		495			
		490			
		485			
		480			
0 104+00				JOB NO. 2	21-6007 SHEET
ADWAY	ROUTE	SECTION	COUNTY	TOTAL SHEETS	NO.
+00	FAU 9170A	19-00053-03-BR	ST. CLAIR	14	3
			CONTRACT NO.	97799	
	1				



CONSTRUCTION DETOUR SIGN LEGEND									
SIGN NUMBER	SIGN DESCRIPTION	MUTCD SIGN TYPE	MUTCD SIGN DESIGNATION	SIGN SIZE	SPECIAL COLOR	SIGN TO READ	MUTCD REFERENCE		
1	ROAD CLOSED (DIST.)	TRAFFIC CONTROL ZONE WARNING SIGN	W20-3	48x48	-	ROAD CLOSED AHEAD	FIGURE 6F-4		
2	PER BLR 21-9	ROAD CLOSED AHEAD SIGNAGE	-	-	-	-	-		
3	DIRECTION - LEFT	DIRECTIONAL ARROW AUXILIARY SIGN	M5-1(L)	21x15	ORANGE	-	FIGURE 2D-5		
4	DIRECTION - RIGHT	DIRECTIONAL ARROW AUXILIARY SIGN	M5-1(R)	21x15	ORANGE	-	FIGURE 2D-5		
5	DIRECTION - STRAIGHT	DIRECTIONAL ARROW AUXILIARY SIGN	M6-3	21x15	ORANGE	-	FIGURE 2D-5		
6	DETOUR SIGN	EXIT/DETOUR CLOSURE SIGN	M4-8	24x12	-	DETOUR	FIGURE 6F-5		
7	ROAD NAME SIGN	GUIDE SIGN	D3-1	36x12	-	SIMMONS ROAD	FIGURE 2D-8		
8	ROAD CLOSED TO THRU TRAFFIC	TRAFFIC CONTROL ZONE REGULATORY SIGN	R11-3a	60x30	-	ROAD CLOSED ## MILES AHEAD LOCAL TRAFFIC ONLY	FIGURE 6F-3		
9	PER BLR 21-9	TYPE III BARRIDADES & SIGNAGE	-	-	-	-	-		

- 1. THIS DRAWING IS NOT TO SCALE.
- CONSTRUCTION ZONE.
- SPACING OF DETOUR ROUTE SIGNS.

					GCL .	JOB NO. 2	21-6007
DETOUR ROUTE PLAN	ROUTE	ROUTE SECTION			COUNTY	TOTAL SHEETS	SHEET NO.
DETOUR ROUTE PLAN	FAU 9170A	J 9170A 19-00053-03-BR			ST. CLAIR	14	4
					CONTRACT NO. 97799		
							_

NOTES

2. ALL TRAFFIC CONTROL SIGNS/DEVICES SHALL CONFORM TO AND BE PLACED/IMPLEMENTED IN ACCORDANCE WITH THE CURRENT EDITION OF THE "MANUAL ON UNIFORM TRAFFICE CONTROL DEVICES" IN EFFECT ON THE DATE OF THE INVITATION FOR BIDS.

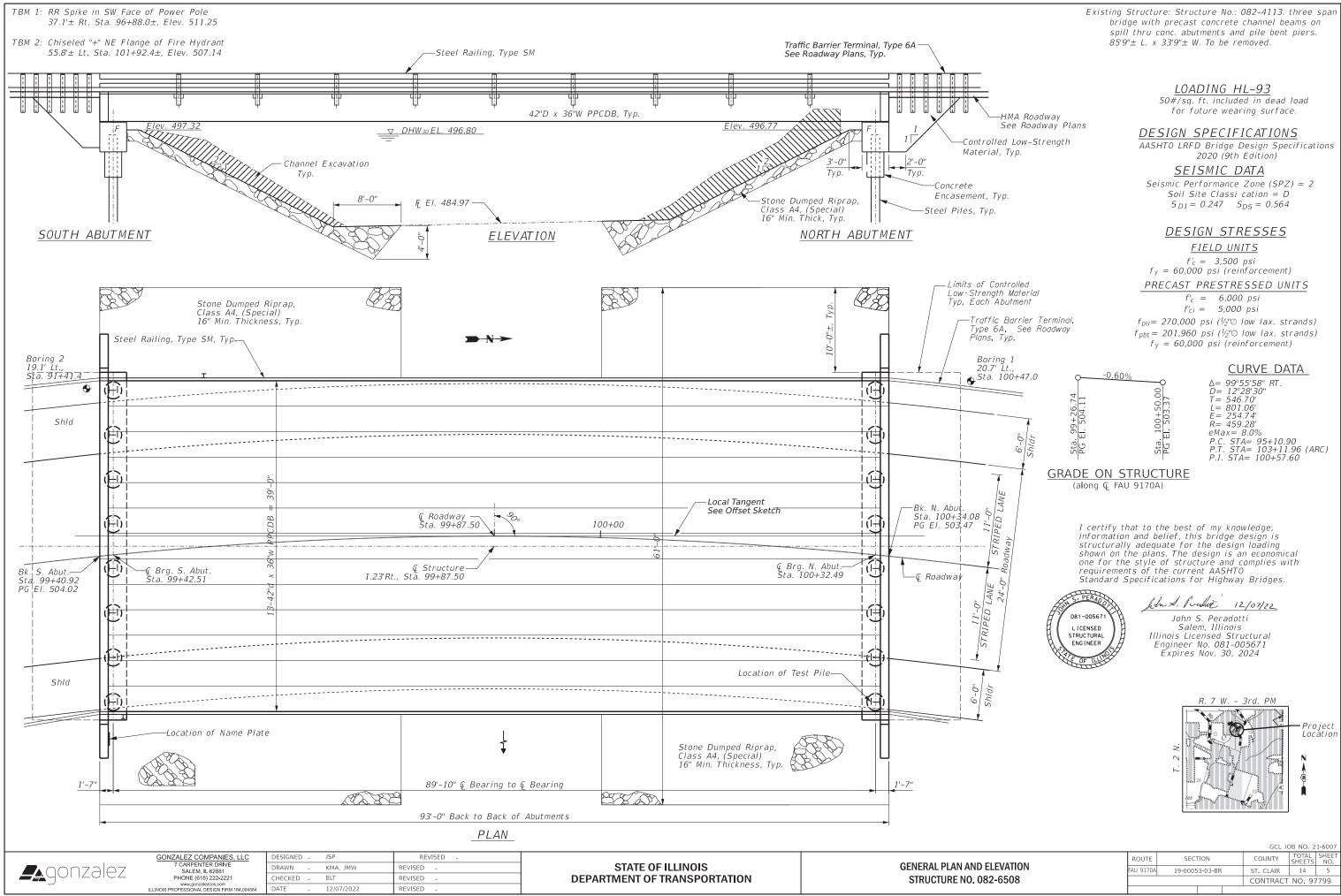
3. ANY ROAD CLOSED TO THRU TRAFFIC SIGNS SHALL BE ATTACHED TO A TYPE III BARRICADE PER IDOT STANDARD 701901 AND PLACED IN THE APPROPRIATE LANE TO DETER TRAFFIC FROM THE

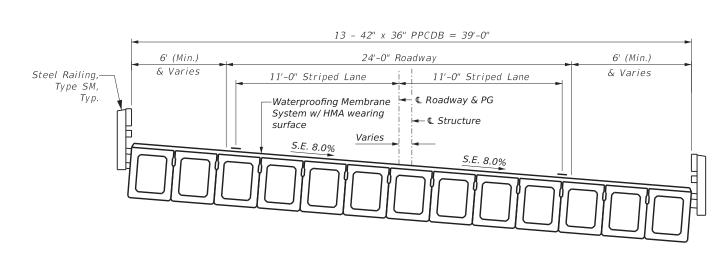
4. SEE APPROPRIATE IDOT TRAFFIC CONTROL AND PROTECTION STANDARD FOR LOCATION AND

LEGEND

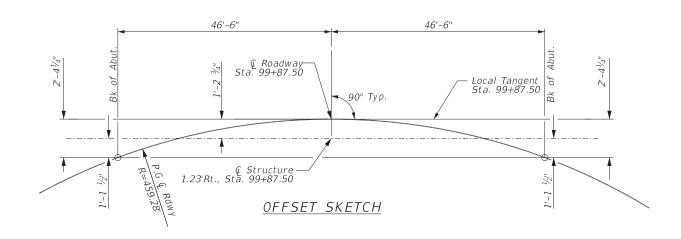
CONSTRUCTION ZONE (CLOSED TO ALL TRAFFIC)

_////// DETOUR ROUTE _____





SECTION THRU DECK (Looking North)



OGLE CREEK BUILT 20__ BY CITY OF O'FALLON SEC. 19-00053-03-BR FAU 9170A 1.23' RT., STA. 99+87.50 LOADING HL-93 STRUCTURE NO. 082-6508

> NAME PLATE See Std. 515001

WATERWAY INFORMATION

Drainage Area = 7.81 Sq. Mi. Exististing and Proposed Low Grade Elev. More than 1200' beyond Project Limits									
			Nat.	Head	(Ft.)	Headwater Elev.			
11000	Yr.	C.F.S.	Exist.	Prop.	H.W.E.	Exist.	Prop.	Exist.	Prop.
Design	30	2930	472	597	496.80	0.26	0.23	497.06	497.03
Base	100	3750	552	700	498.06	0.29	0.29	498.35	498.35
	-	-	-	-	-	-	-	-	-
Max. Calc.	500	5070	663	738	499.68	0.36	0.44	500.04	500.12

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REVISED

REVISED

REVISED

JSP

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BLT

12/07/2022



	GONZALEZ COMPANIES, LLC	DESIGNED -	-
27	7 CARPENTER DRIVE SALEM. IL 62881	DRAWN -	-
	PHONE (618) 222-2221	CHECKED .	-
	www.gonzalezcos.com ILLINOIS PROFESSIONAL DESIGN FIRM 184.004564	DATE -	-

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

GENERAL DATA AND SUMMARY

BILL OF MATERIALS (BRIDGE ONLY)

ITEM	UNIT	TOTAL
Channel Excavation	Cu Yd	340
Hot-Mix Asphalt Surface Course,	TON	68
IL-9.5, Mix "C", N70		
Concrete Structures	Cu Yd	69.2
Concrete Encasement	Cu Yd	5.6
PPCDB (42" Depth)	Sq Ft	3549
Reinforcement Bars, Epoxy Coated	Pound	10430
Steel Railing, Type SM	Foot	186
Furnishing Steel Piles HP12x53	Foot	345
Driving Piles	Foot	345
Test Pile Steel HP12x53	Each	1
Name Plates	Each	1
Waterproofing Membrane System	Sq Yd	403
Portland Cement Mortar Fairing Course	Foot	1092
Controlled Low-Strength Material	Cu Yd	144
Stone Dumped Riprap, Class A4 (Special)	Ton	515
Removal of Existing Structure, Special	Each	1

GENERAL NOTES

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

Channel excavation shall be excavated as shown within the limits of the proposed bridge, then tapered to the existing channel 38' -0" Lt. and Rt. (from centerline) of the Bridge. If the Engineer deems the material satisfactory, it may be used to construct the roadway embankment.

See Section 502 of the Standard Specifications for Structural Excavation.

See Specifications for Soil Borings.

Do not scale these drawings.

Reinforcement bars designated (E) shall be epoxy coated.

The abutment bearing seat surfaces for the precast prestressed concrete deck beams shall be adjusted by shimming to assure firm and even bearing. As required, $\frac{1}{8}$ " fabric adjusting shims of the dimensions of the Exterior Bearing Pad shall be provided for each bearing. The top surface of the beams shall be Finished according to the IDOT Manual for Fabrication of Precast Prestressed Concrete Products.

EXTRA BARS FOR TEST SAMPLES						
BAR	NO.	SIZE	LENGTH	SHAPE		
54	1	#4	14'-6"			
V	2	#5	6'-7"			
h2	1	#6	13'-8"			
р	1	#7	40'-8"			
REINFORCEMEN	POUND	130				

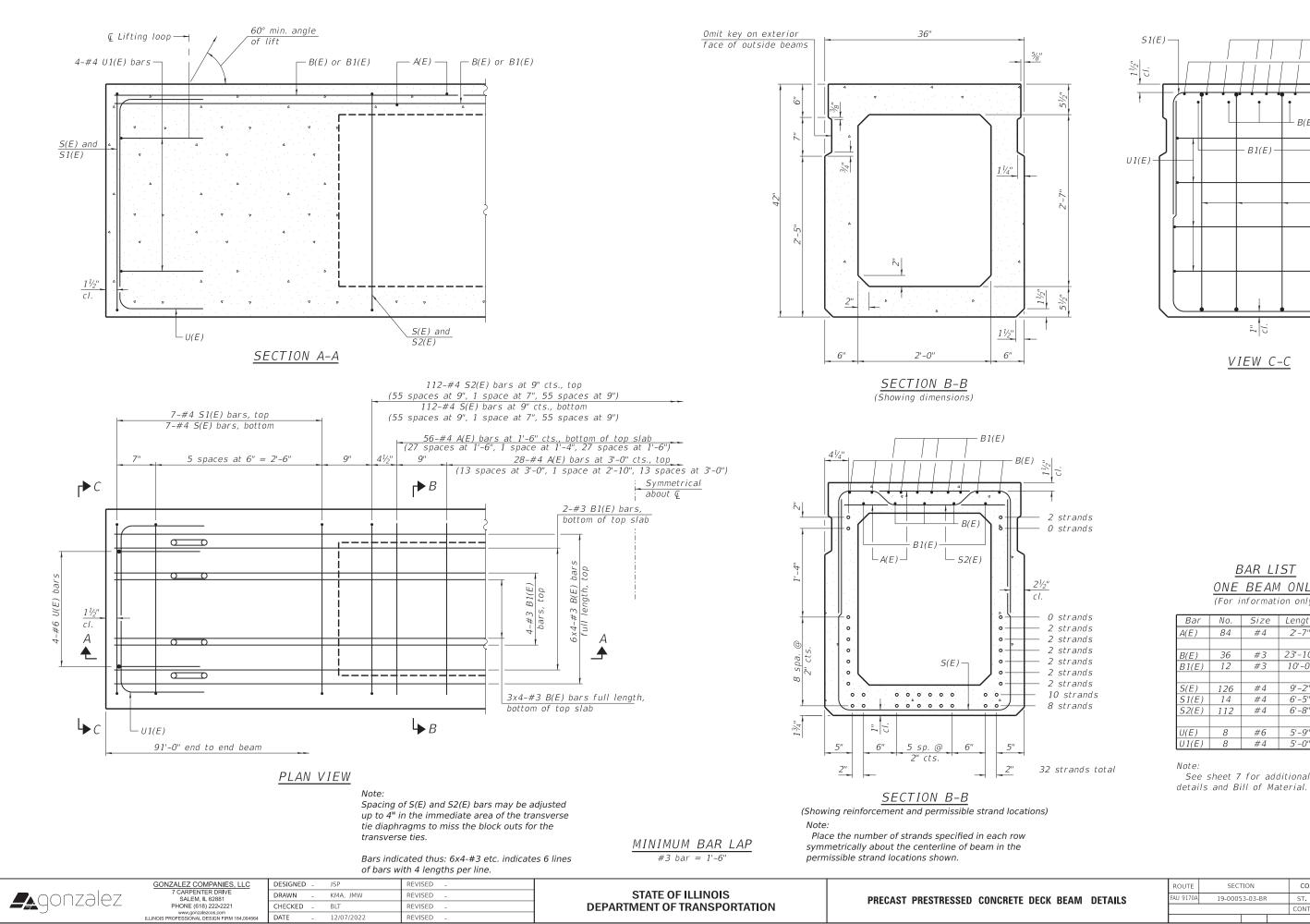
NOTE: ALL BARS SHALL BE EPOXY COATED

THESE BARS SHALL BE IDENTICAL TO AND DELIVERED WITH THE BARS OF THE SAME MARK LISTED ON THE BRIDGE SHEETS. THIS CHART ASSUMES THAT ALL BARS OF THE SAME SIZE ON THE JOB WILL HAVE THE SAME HEAT NUMBERS. IF BARS OF THE SAME SIZE ON THE JOB HAVE DIFFERENT HEAT NUMBERS, THEN THE CONTACTOR SHALL SUPPLY ADDITIONAL BARS FROM OTHER HEAT NUMBERS FOR SAMPLING BY THE ENGINEER AT NO ADDITIONAL COST.

THE WEIGHT OF THE EXTRA BARS HAS BEEN INCLUDED IN THE SUMMARY OF QUANTITES FOR THE PROJECT.

THE CONTRACTOR SHALL CUT TEST BARS AS DIRECTED BY THE ENGINEER (IF REQUIRED FOR TRANSPORT, ECT.) THE COST FOR CUTTING THE BARS SHALL BE INCLUDED IN REINFORCEMENT BARS AND NO ADDITIONAL COMMPENSATION WILL BE ALLOWED.

					GCL JO	DB NO. 2	1-6007
	ROUTE	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.	
OF BRIDGE QUANTITIES	FAU 9170A	19-00053-03-BR			ST. CLAIR	14	6
or Bribae Quartineo					CONTRACT NO. 9779		



В	AR LIS	<u>5T</u>
ONE	BEAM	ONLY
For i	nformatic	n only)

- B1(E)

- B(E)

- U(E

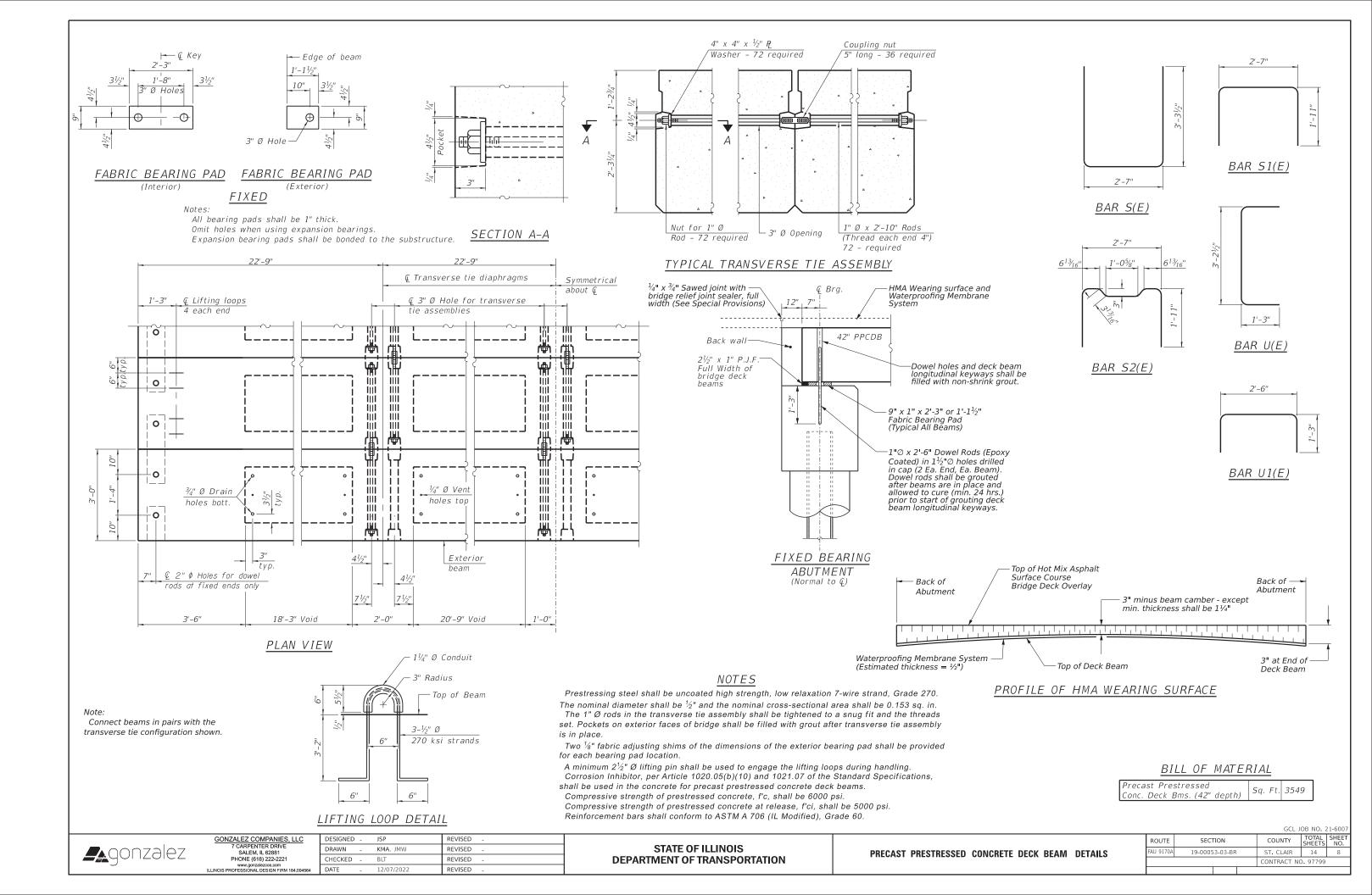
2¹/₂" cl.

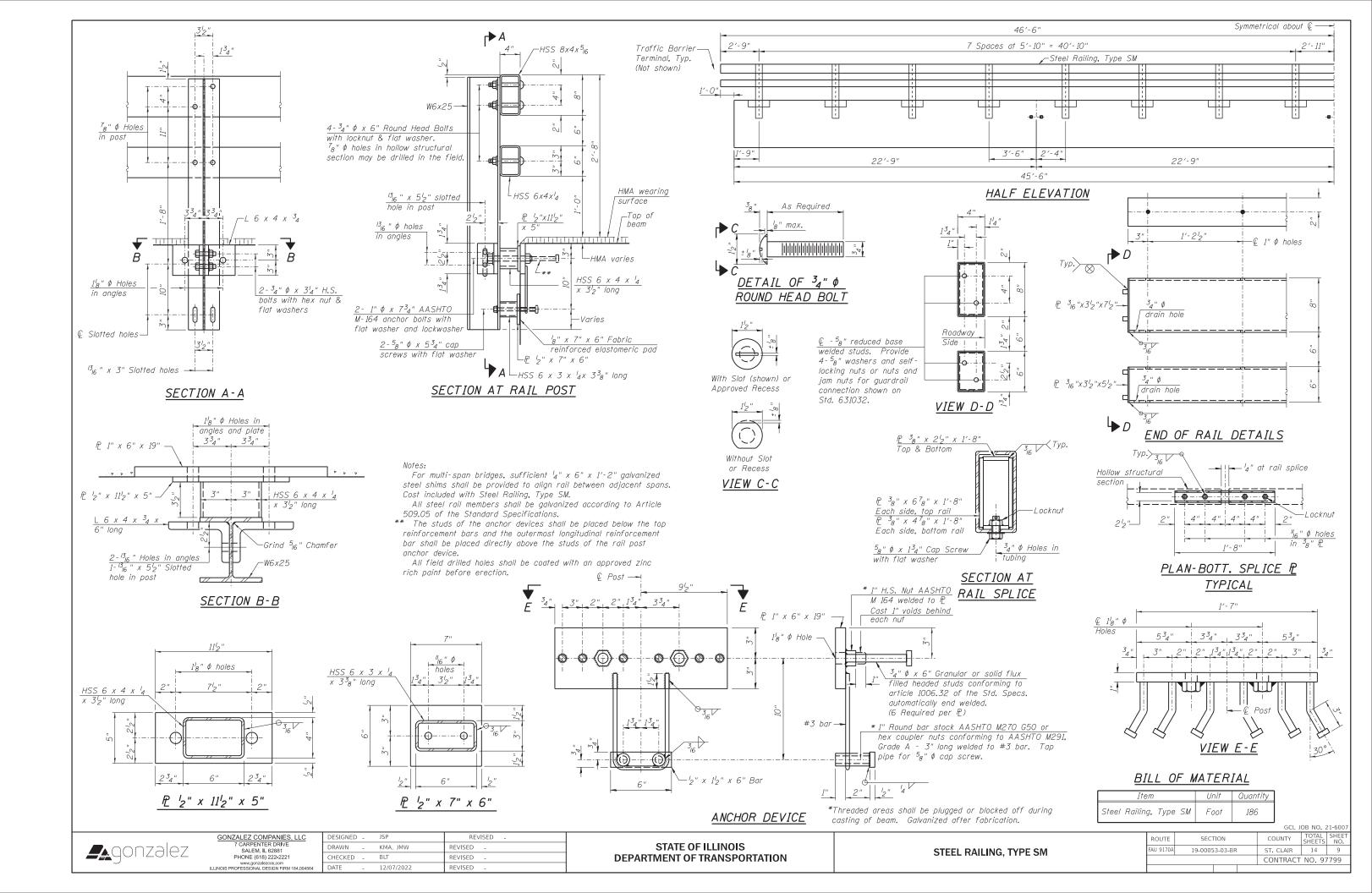
└── *S(E)*

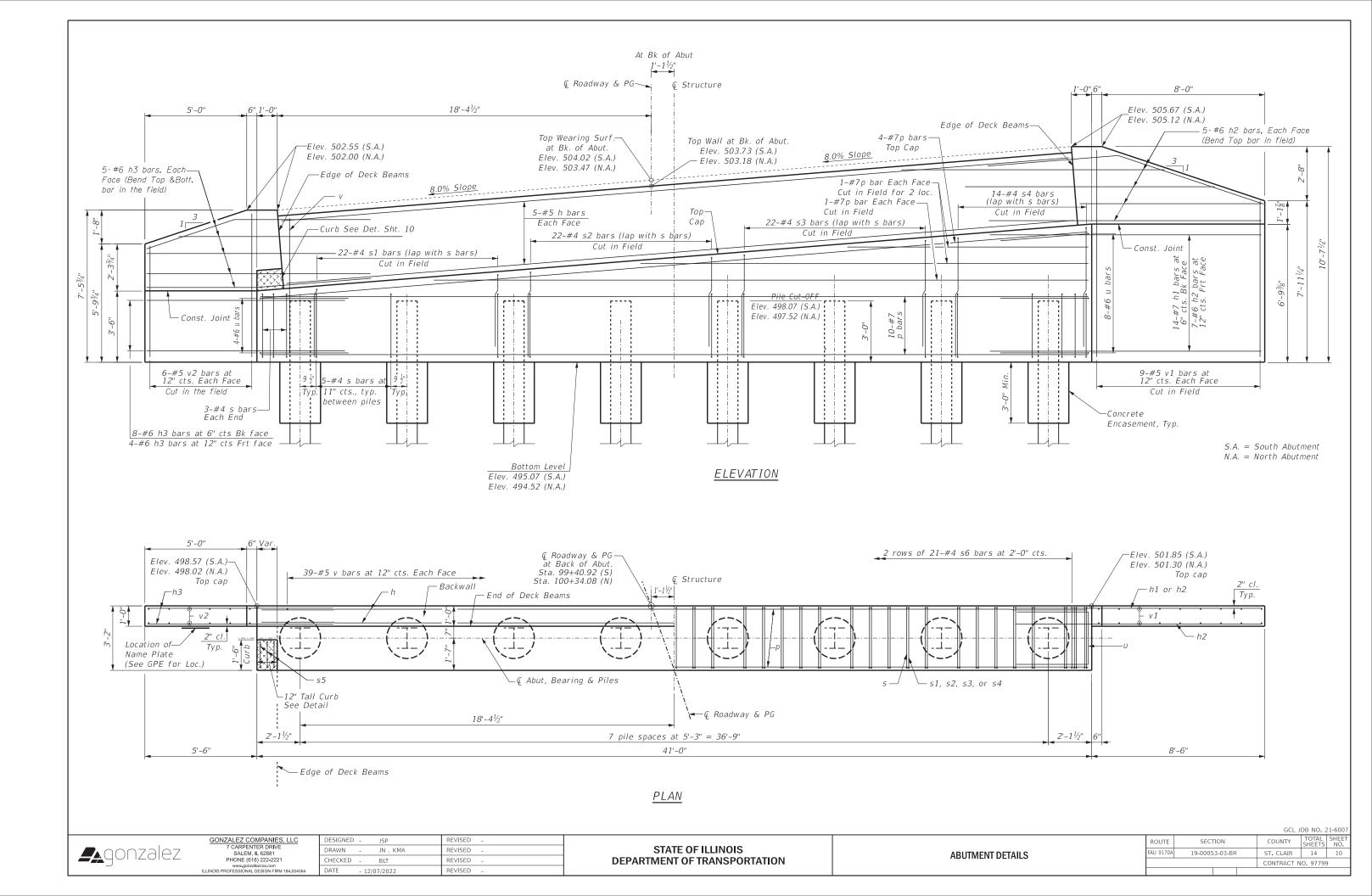
Bar	No.	Size	Size Length	
A(E)	84	#4	2'-7"	
B(E)	36	#3	23'-10"	
B1(E)	12	#3	10'-0''	
S(E)	126	#4	9'-2"	Γ
S1(E)	14	#4	6'-5"	J
S2(E)	112	#4	6'-8'']
U(E)	8	#6	5'-9"	П
U1(E)	8	#4	5'-0"	J

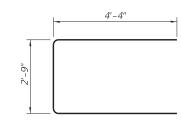
See sheet 7 for additional

					GCL J	DB NO. 2	1-6007
		ROUTE	SECTIO	N	COUNTY	TOTAL SHEETS	SHEET NO.
TE DECK BEAM	DETAILS	FAU 9170A	19-00053-0	03-BR	ST. CLAIR	14	7
					CONTRACT NO	97799	

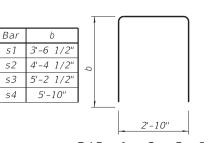




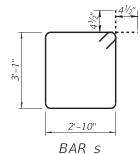


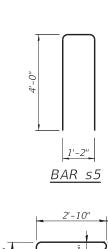




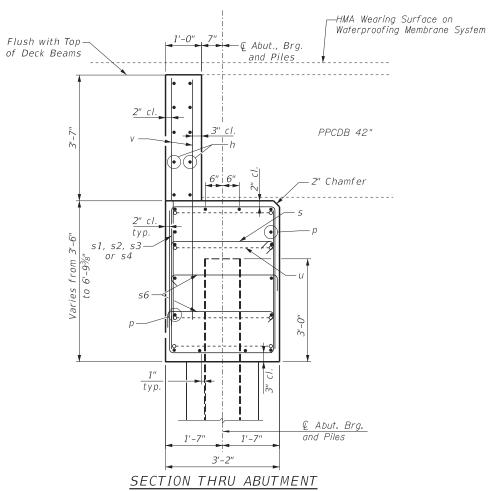


BAR s1, s2, s3 & s4





<u>BAR 56</u>



GENERAL NOTES

Reinforcement bars shall conform to the requirements of ASTM A 706 Grade 60 (IL Modified).

All exposed edges shall have standard $\frac{3}{4}$ " chamfer, unless otherwise noted or as directed by the Engineer.

All clearances between rebar and form surface shall be 2", unless otherwise noted.

Space reinforcement in cap to miss PPCDB dowel rods.

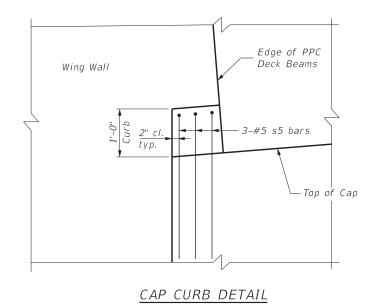
The Steel H-piles shall be according to AASHTO M270 Grade 50.

The Contractor shall drive one (1) Test Pile of the size indicated in a permanent location as shown on the plans or as directed by the Engineer before ordering the remainder of the piles.

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

The back wall, curb (on abutment cap) and portion of the wingwalls above the construction joint shall be cast against the in-place deck beams.

The position of the 90° & 135° hooked ends of the s1 bar shall be alternated horizontally & vertically between adjacent bars.



PILE DATA

SOUTH ABUTMENT

Type: Nominal Required Bearing: Factored Resistance Available: 230 kips Est. Length: No. Production Piles: No. Test Piles:

								GCL JOB NO. 21-6007
	GONZALEZ COMPANIES, LLC	DESIGNED - JSP	REVISED -			ROUTE	SECTION	COUNTY TOTAL SHEET
	7 CARPENTER DRIVE SALEM, IL 62881	DRAWN - JN, KMA	REVISED -	STATE OF ILLINOIS	ABUTMENT DETAILS	FAU 9170A	19-00053-03-BR	ST. CLAIR 14 11
gonzoicz	PHONE (618) 222-2221	CHECKED - BLT	REVISED -	DEPARTMENT OF TRANSPORTATION				CONTRACT NO. 97799
	ILLINOIS PROFESSIONAL DESIGN FIRM 184.004564	DATE - 12/07/2022	REVISED -					

FOR ONE ABUIMENT										
Bar	No.	Siz	e.	Length	Shape					
h	10	#.	5	38'-8''						
h1	14	#7		13'-6"						
h2	17	#	6	13'-8"						
h3	22	#	6	11'-0"						
р	18	#	7	40'-8''						
5	41	#	4	12'-7"						
s 1	22	#	4	9'-11''						
s2	22	#	4	11'-7"						
53	22	#	4	13'-3"						
54	14	#	4	14'-6''						
s5	3	#.	5	9'-2''						
56	42	#	4	3'-11"						
u	12	#	6	11'-5"						
V	78	#.	5	6'-7"	—					
v 1	18	#.	5	10'-2"	<u>Cut in</u> Field					
v2	12	#.	5	7'-1"	<u>Cut in</u> Field					
	te Stru			Cu Yd	34.6					
	te Enca			Cu Yd	2.8					
	rcement		s,	Pound	5150					
	oxy Coat			r ound						
	hing Ste		Foot	S. Abut.	184					
	HP12x5	53	1.000	N. Abut.	161					
Driving	1		Foot	S. Abut.	184					
Piles			,	N. Abut.	161					
	ile Stee	1	Each	S. Abut.	0					
HP12x	53		Luch	N. Abut.	1					

BILL OF MATERIAL FOR ONE ABUTMENT

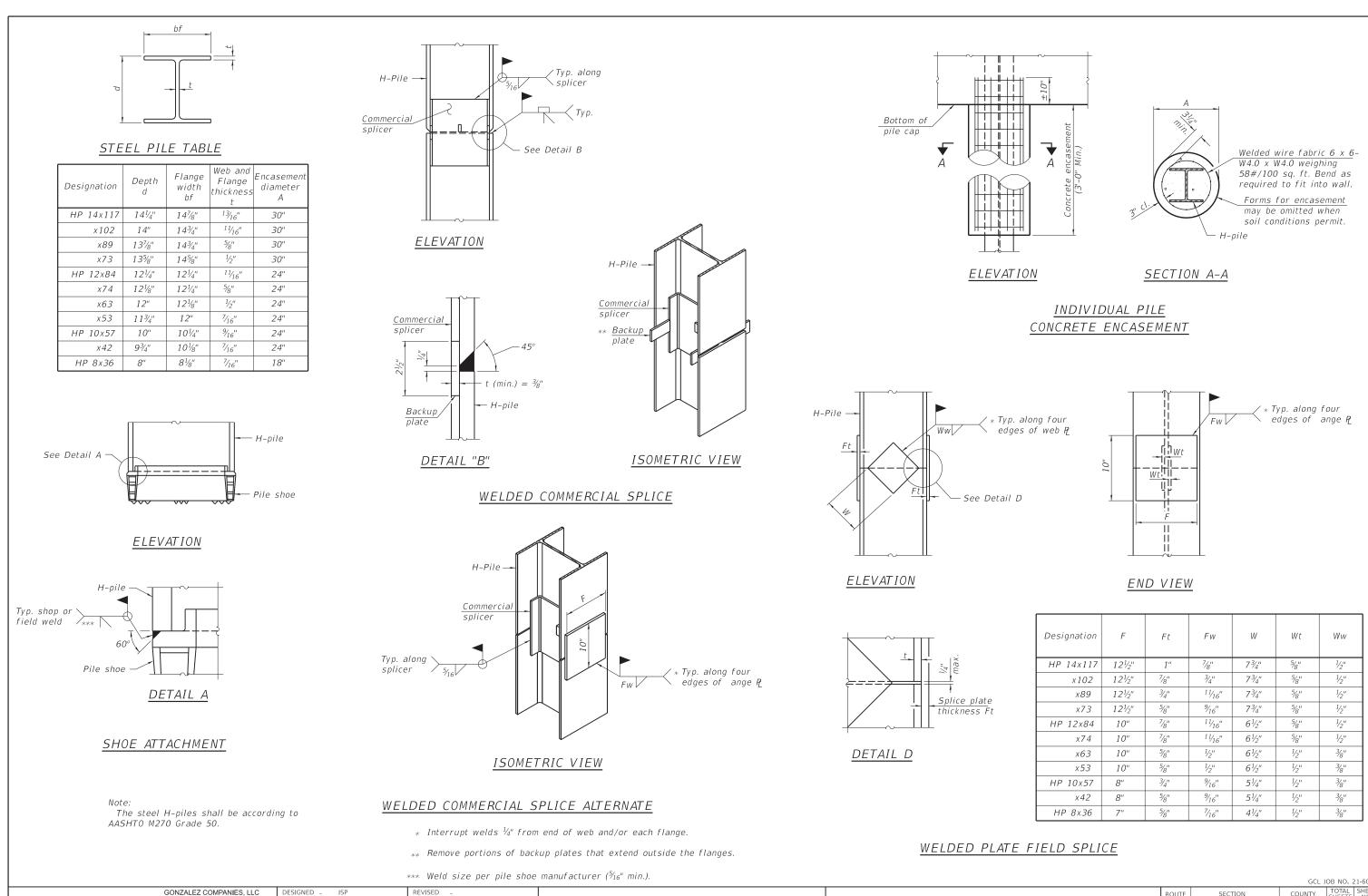
Notes:

All reinforcement shall be Epoxy Coated. For details of Piles and Concrete Encasement, see Sheet 11.

Steel HP12x53 418 kips 23'/pile 8 0

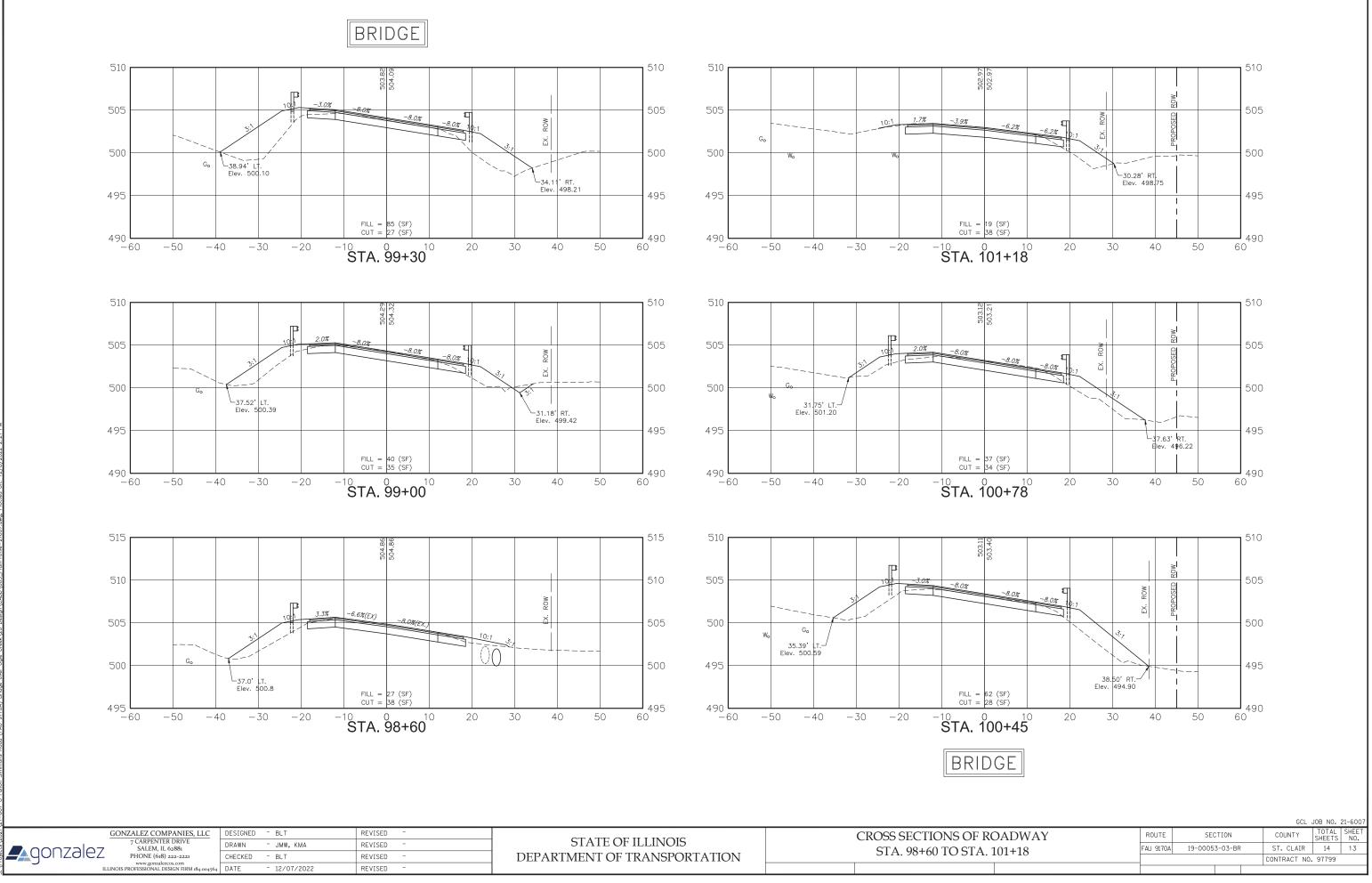
PILE DATA NORTH ABUTMENT

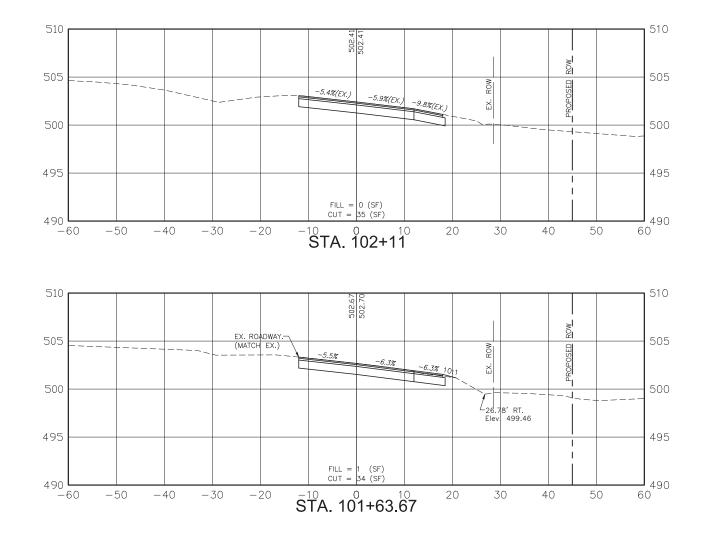
Type: Steel	HP12x53
Nominal Required Bearing:	418 kips
Factored Resistance Available:	230 kips
Est. Length:	23'/pile
No. Production Piles:	7
No. Test Piles:	1



Designation	F	Ft	Fw	W	Wt	Ww
HP 14x117	12½"	1"	7/8"	7 <i>¾</i> "	⁵ ⁄8"	1⁄2"
x102	12 ¹ / ₂ "	7/8"	3⁄4"	7 <i>¾</i> "	5/8''	1/2"
x89	12 ¹ / ₂ "	3/4"	¹¹ / ₁₆ "	7 <i>¾</i> ″	5/8''	1/2"
x73	12½"	5/8''	%16"	7 <i>¾</i> ″	5/8''	1/2"
HP 12x84	10"	7/8"	¹¹ / ₁₆ "	6½"	5/8''	1/2"
x74	10"	7/8"	¹¹ / ₁₆ "	6½"	5/8''	1/2"
x63	10"	5/8"	1/2"	6½"	1/2"	³ /8"
x53	10"	5/8"	1/2"	6½"	1/2"	3/8"
HP 10x57	8"	3/4"	%16"	5¼″	1/2"	³ /8"
x42	8"	5/8"	%16"	5¼″	1/2"	3/8"
HP 8x36	7"	<u>5/8</u> "	7⁄ ₁₆ "	4½"	1/2"	3/8"

				GCL J	ов но. 2	21-6007
	ROUTE	SEC	TION	COUNTY	TOTAL SHEETS	SHEET NO.
HP PILE DETAILS	FAU 9170A	19-00053-03-BR		ST. CLAIR	14	12
				CONTRACT N). 97799	





							GCL JOB NO. 21-6007
GONZALEZ COMPA		REVISED -		CROSS SECTIONS OF ROADWAY	ROUTE	SECTION	COUNTY TOTAL SHEET SHEETS NO.
7 CARPENTER D SALEM, IL 628 PHONE (618) 222	DRAWN - JMW, KMA	REVISED -	STATE OF ILLINOIS	STA. 101+63.67 TO STA. 102+11	FAU 9170A	19-00053-03-BR	ST. CLAIR 14 14
PHONE (618) 222 www.gonzalezcos.		REVISED -	DEPARTMENT OF TRANSPORTATION	51A. 101+03.07 10 51A. 102+11			CONTRACT NO. 97799
ILLINOIS PROFESSIONAL DESIG	FIRM 184.004564 DATE - 12/07/2022	REVISED -					