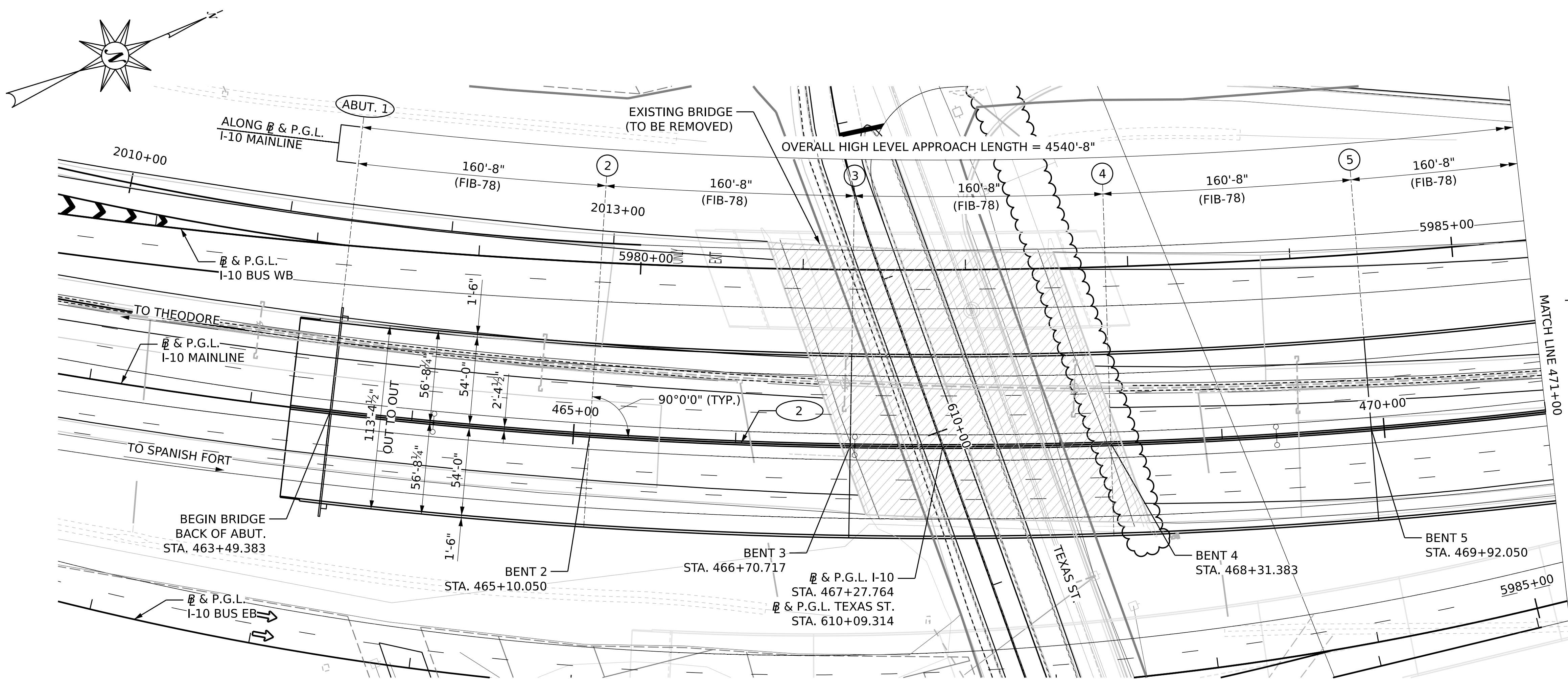
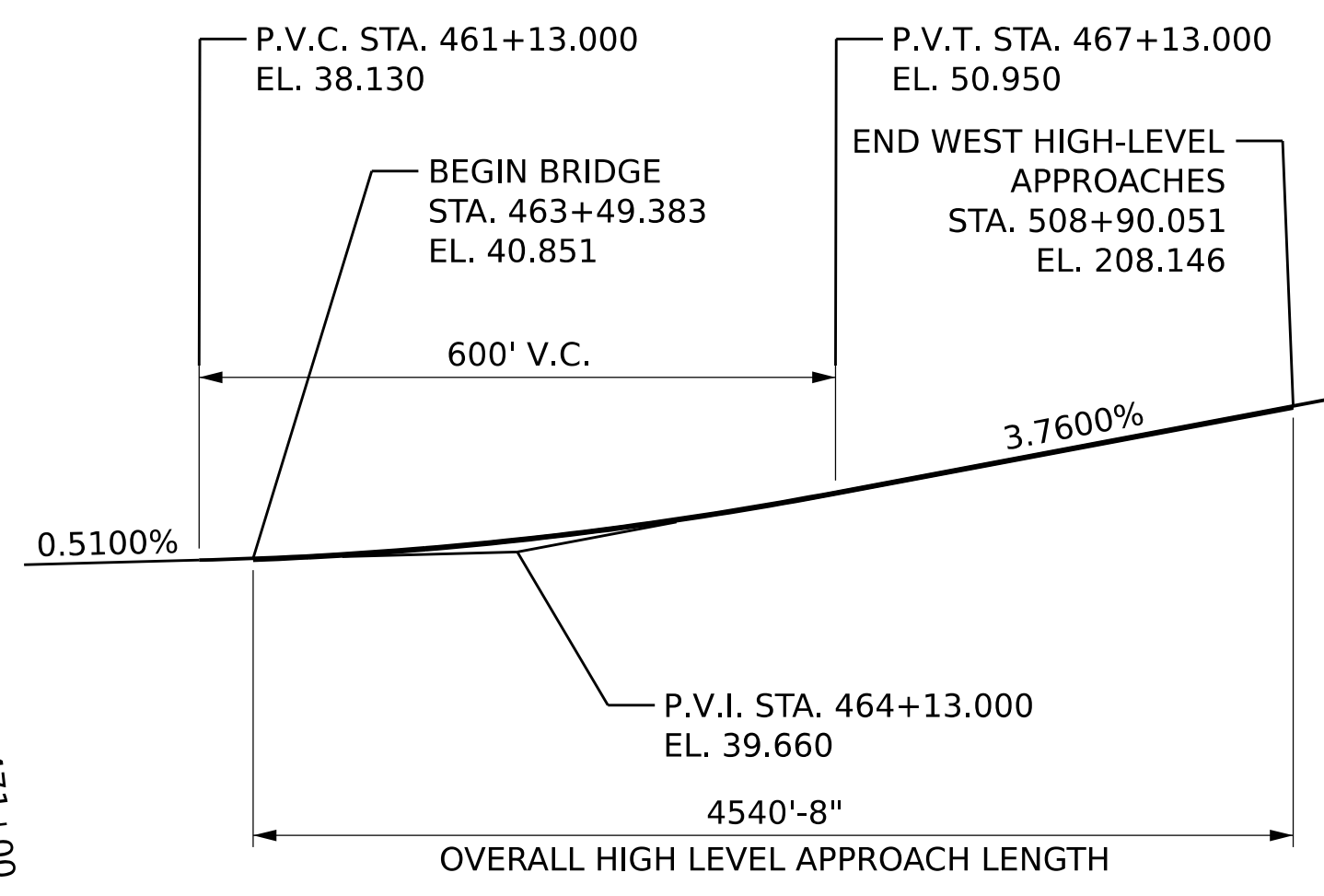


REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ACIM-XXXX(XXX)	2023	S03-ST-30011

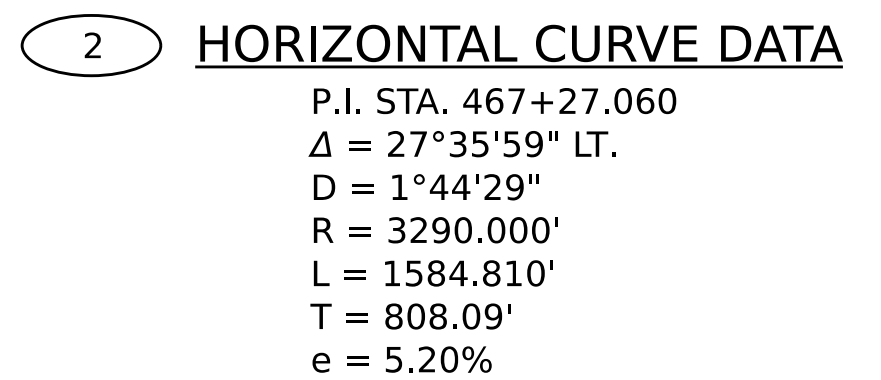
PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION



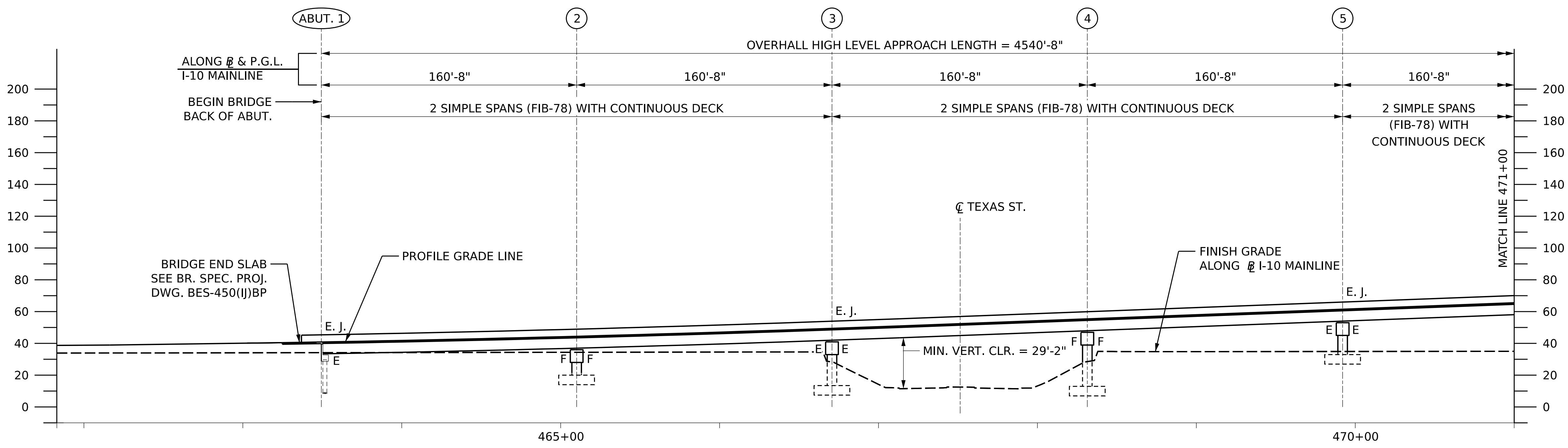
PARTIAL PLAN
SCALE: 1" = 40'-0"



VERTICAL CURVE DATA
B & P.G.L. I-10 MAINLINE
N.T.S.



NOTE:
DRAINAGE SHALL NOT BE ALLOWED TO FALL FREELY FROM THE HLA BRIDGE ONTO ROADWAYS, SIDEWALKS, AND BUILDINGS. INLET GRATES SHALL BE PLACED ON THE SCUPPERS AT BRIDGES WHICH CROSS THE PARKING LOT AT THE FORMER AUSTAL PROPERTY OR OTHER PARKING LOT LOCATIONS.



PARTIAL ELEVATION
SCALE: 1" = 40'-0"

THESE DRAWINGS REPRESENT DESIGNS PREPARED FOR USE BY THE ALABAMA DEPARTMENT OF TRANSPORTATION AND ARE NOT TO BE COPIED, REPRODUCED, ALTERED, OR USED BY ANYONE, OR ANY ORGANIZATION, WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ALABAMA DEPARTMENT OF TRANSPORTATION REPRESENTATIVE AUTHORIZED TO APPROVE SUCH USE. ANYONE MAKING UNAUTHORIZED USE OF THESE DRAWINGS MAY BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.

ACCEPTED BY
BRIDGE ENGINEER DATE



REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP	PE STAMP	QR CODE

PROJECT LOGO

PLAN SUBMITTAL	BIN(S)
	COUNTY(S)
	MOBILE

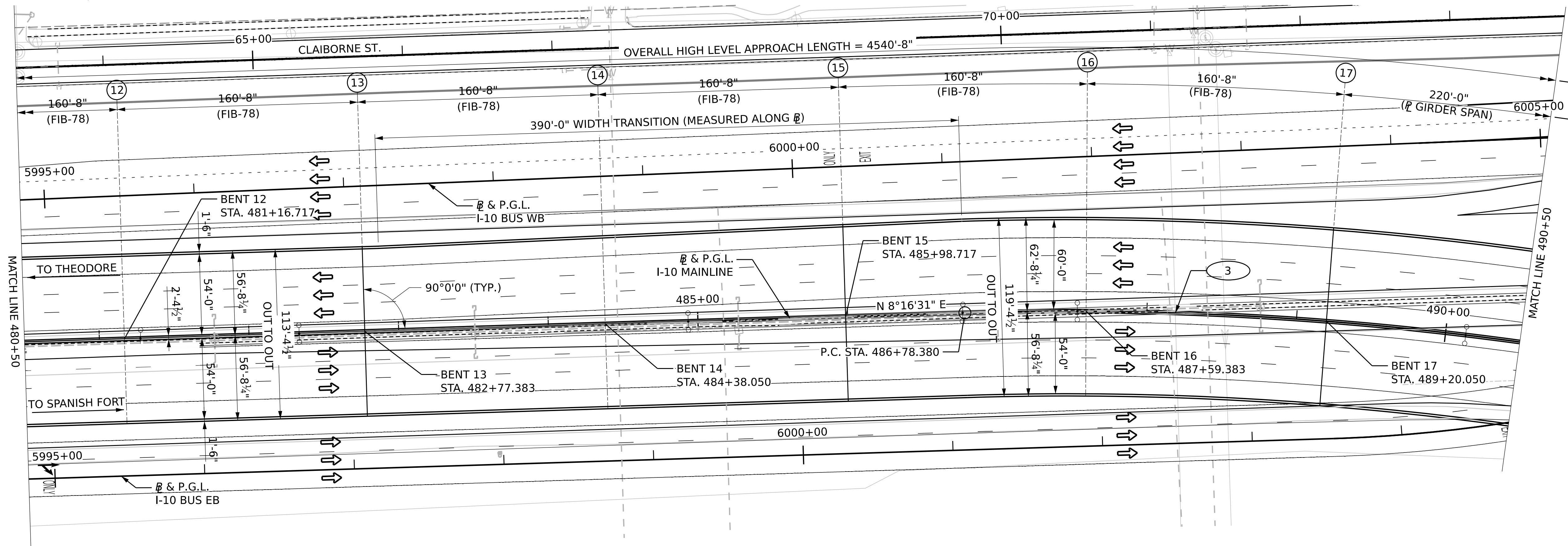
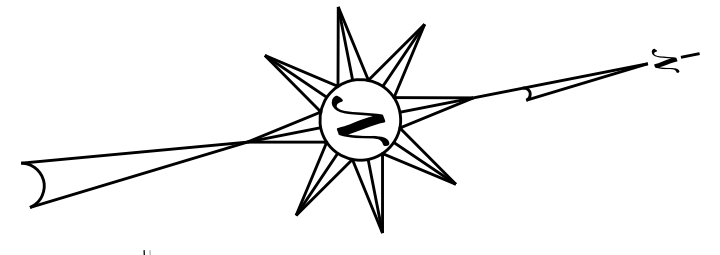
DESIGNER: J. LIU	DATE: 07/31/2023
BRIDGE SHEET NO. 1	OF 17

SHEET TITLE	
MOBILE RIVER BRIDGE	
WEST HIGH LEVEL APPROACH	
GENERAL PLAN & ELEVATION (1 OF 5)	

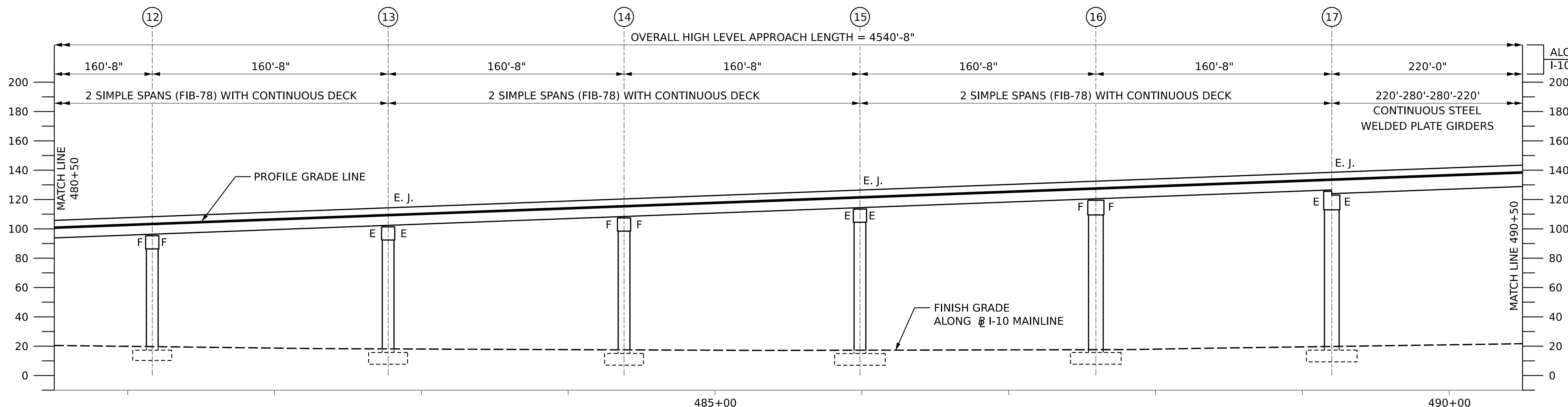
Scott Strednak MRB-S03-ST-30011.dgn 3:48:56 PM 7/31/2023

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ACIM-XXXX(XXX)	2023	S03-ST-30013

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION



PARTIAL PLAN
SCALE: 1" = 40'-0"



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ACCEPTED BY
 BRIDGE ENGINEER _____ DATE _____



REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP	PE STAMP	QR CODE
DATE	DATE	

PROJECT LOGO

PLAN SUBMITTAL	BIN(S)
	COUNTY(S)
	MOBILE

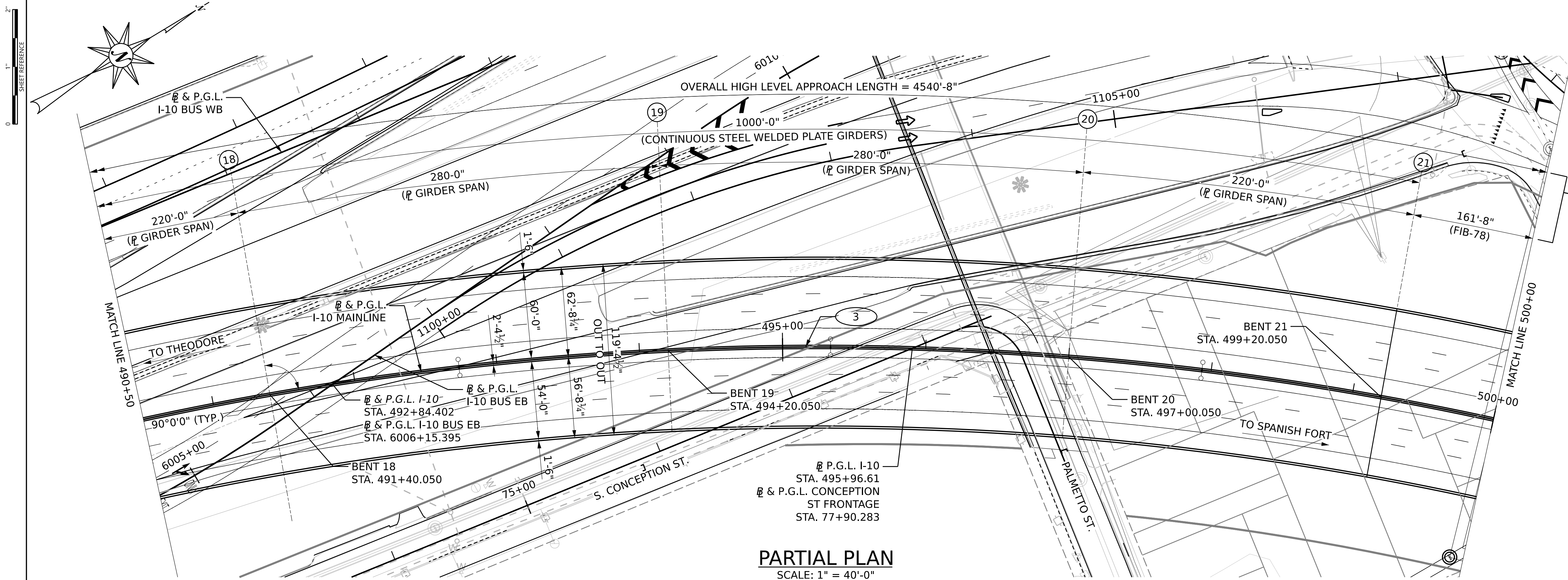
DESIGNER: J. LIU	DATE: 07/31/2023
BRIDGE SHEET NO. 3	OF 17

SHEET TITLE
 MOBILE RIVER BRIDGE
 WEST HIGH LEVEL APPROACH
 GENERAL PLAN & ELEVATION (3 OF 5)

Scott Strednak MRB-S03-ST-30013.dgn 3:49:56 PM 7/31/2023

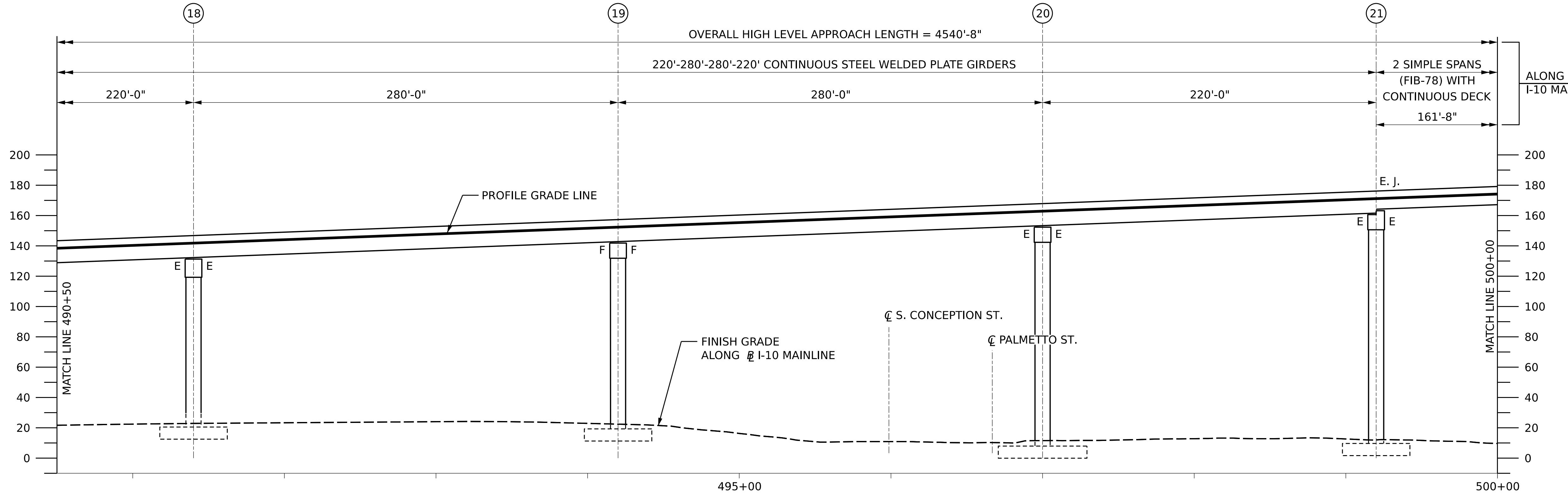
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ACIM-XXXX(XXX)	2023	S03-ST-30014

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION



③ HORIZONTAL CURVE DATA

P.I. STA. 496+26.470
 $\Delta = 46^\circ 15' 04''$ RT.
 $D = 2^\circ 34' 51''$
 $R = 2220.000'$
 $L = 1792.060'$
 $T = 948.080'$
 $e = 7.00\%$



THESE DRAWINGS REPRESENT DESIGNS PREPARED FOR USE BY THE ALABAMA DEPARTMENT OF TRANSPORTATION AND ARE NOT TO BE COPIED, REPRODUCED, ALTERED, OR USED BY ANYONE, OR ANY ORGANIZATION, WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ALABAMA DEPARTMENT OF TRANSPORTATION REPRESENTATIVE AUTHORIZED TO APPROVE SUCH USE. ANYONE MAKING UNAUTHORIZED USE OF THESE DRAWINGS MAY BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.

ACCEPTED BY	DATE
BRIDGE ENGINEER	



REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP	PE STAMP	QR CODE
DATE	DATE	

PROJECT LOGO

PLAN SUBMITTAL	BIN(S)
	COUNTY(S)
	MOBILE

DESIGNER: J. LIU	DATE: 07/31/2023
BRIDGE SHEET NO. 4	OF 17

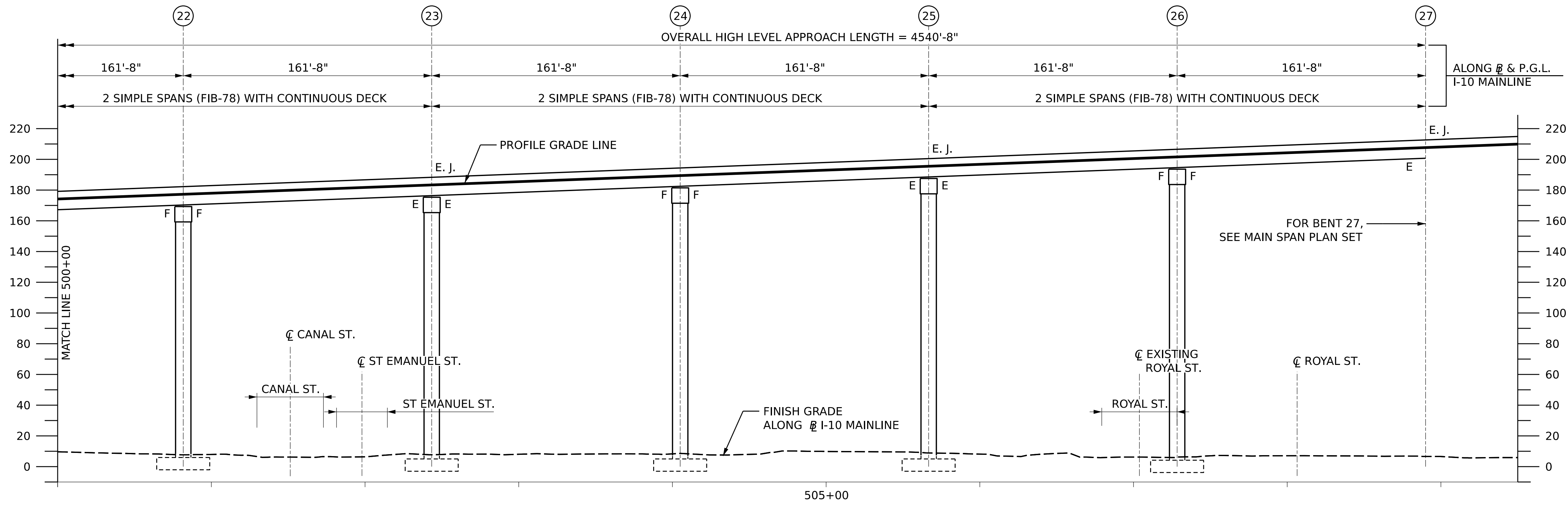
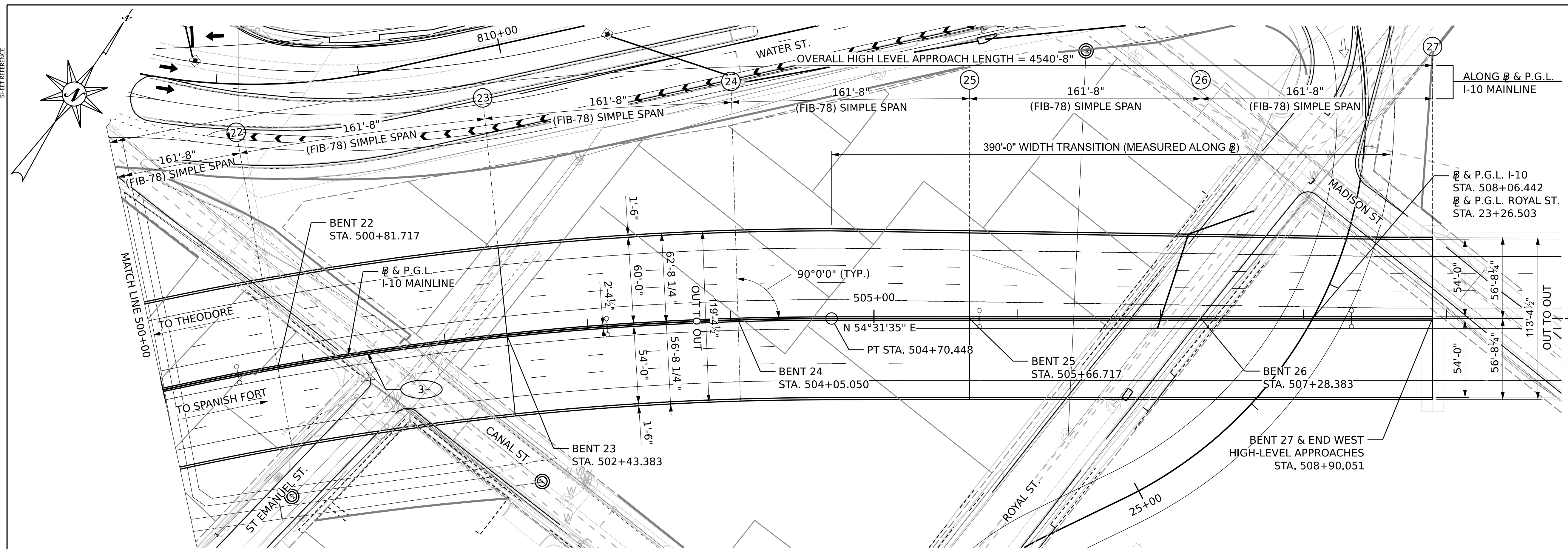
SHEET TITLE
MOBILE RIVER BRIDGE
WEST HIGH LEVEL APPROACH
GENERAL PLAN & ELEVATION (4 OF 5)

Scott Strednak MRB-S03-ST-30014.dgn 3:50:26 PM 7/31/2023

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ACIM-XXXX(XXX)	2023	S03-ST-30015

3 HORIZONTAL CURVE DATA

P.I. STA. 496+26.470
 $\Delta = 46^\circ 15' 04''$ RT.
 $D = 2^\circ 34' 51''$
 $R = 2220.000'$
 $L = 1792.060'$
 $T = 948.080'$
 $e = 7.00\%$



THESE DRAWINGS REPRESENT DESIGNS PREPARED FOR USE BY THE ALABAMA DEPARTMENT OF TRANSPORTATION AND ARE NOT TO BE COPIED, REPRODUCED, ALTERED, OR USED BY ANYONE, OR ANY ORGANIZATION, WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ALABAMA DEPARTMENT OF TRANSPORTATION REPRESENTATIVE AUTHORIZED TO APPROVE SUCH USE. ANYONE MAKING UNAUTHORIZED USE OF THESE DRAWINGS MAY BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.

ACCEPTED BY _____
 BRIDGE ENGINEER DATE



REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP	PE STAMP	QR CODE
DATE	DATE	

PROJECT LOGO

PLAN SUBMITTAL

DESIGNER: J. LIU DATE: 07/31/2023

BRIDGE SHEET NO. 5 OF 17

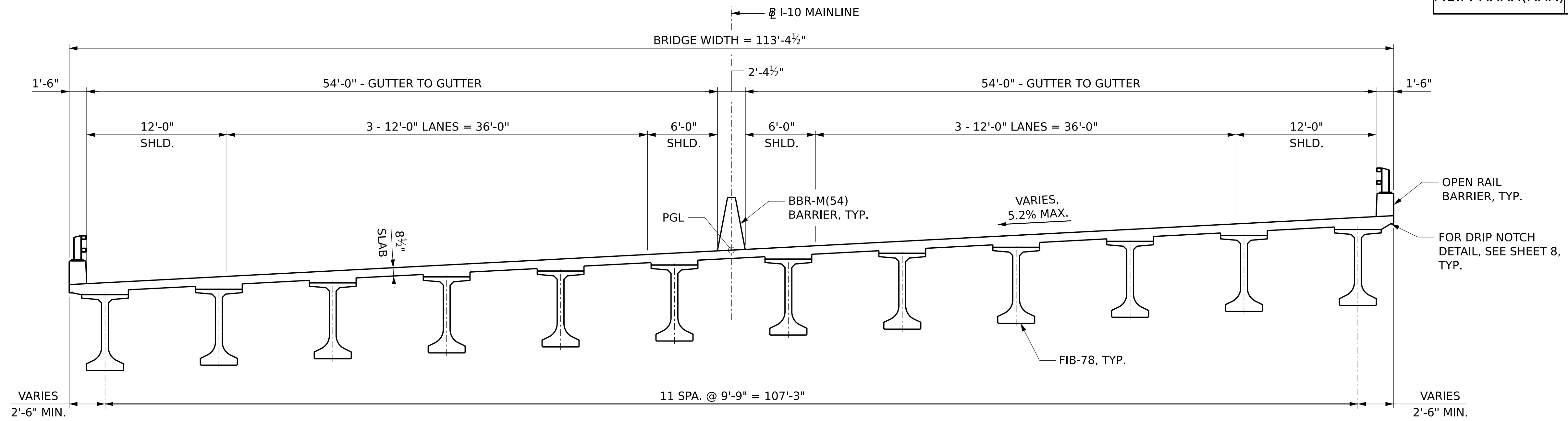
SHEET TITLE

MOBILE RIVER BRIDGE
 WEST HIGH LEVEL APPROACH
 GENERAL PLAN & ELEVATION (5 OF 5)

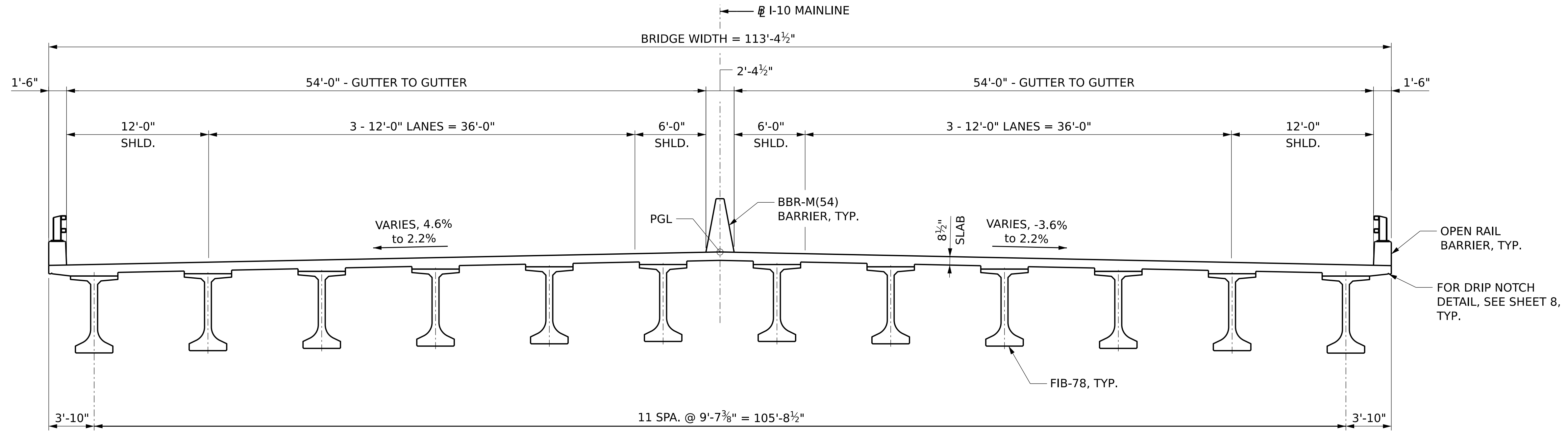
PRELIMINARY NOT TO BE USED FOR CONSTRUCTION
 Scott Strednak MRB-S03-ST-30015.dgn 3:51:00 PM 7/31/2023

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ACIM-XXXX(XXX)	2023	S03-ST-30200

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION



TYPICAL SECTION 1 - WEST SIDE HLA
SCALE: 3/16" = 1'
SPAN 1 TO SPAN 7



TYPICAL SECTION 2 - WEST SIDE HLA
SCALE: 3/16" = 1'
SPAN 8 TO SPAN 12

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ACCEPTED BY

BRIDGE ENGINEER DATE

	REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP	PE STAMP	QR CODE

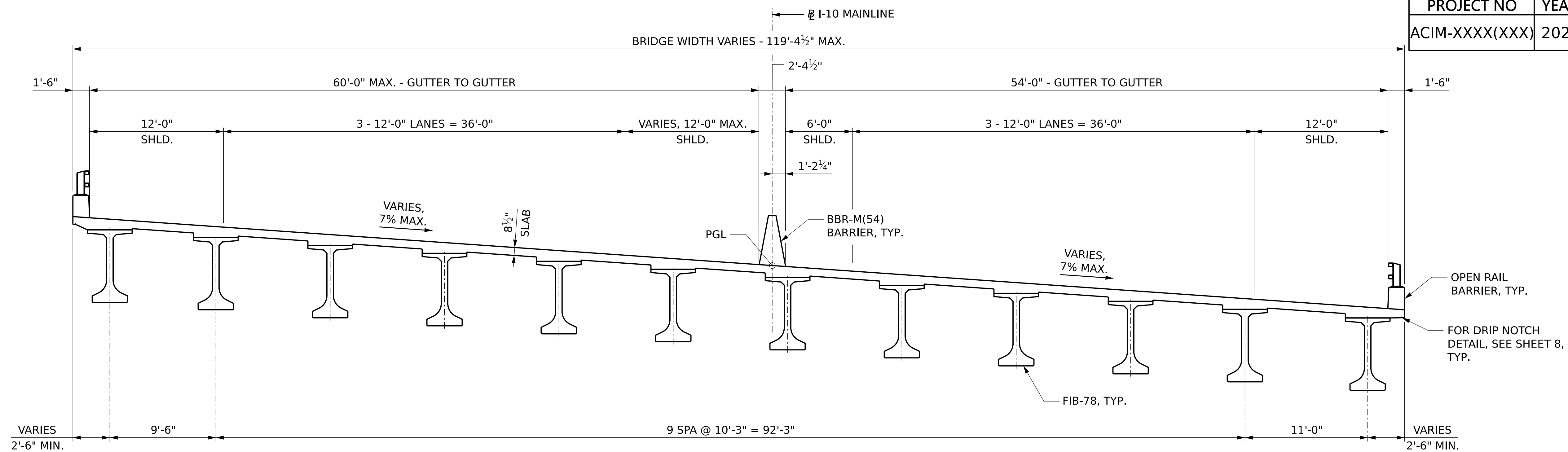
PROJECT LOGO

PLAN SUBMITTAL	BIN(S)
	COUNTY(S)
	MOBILE

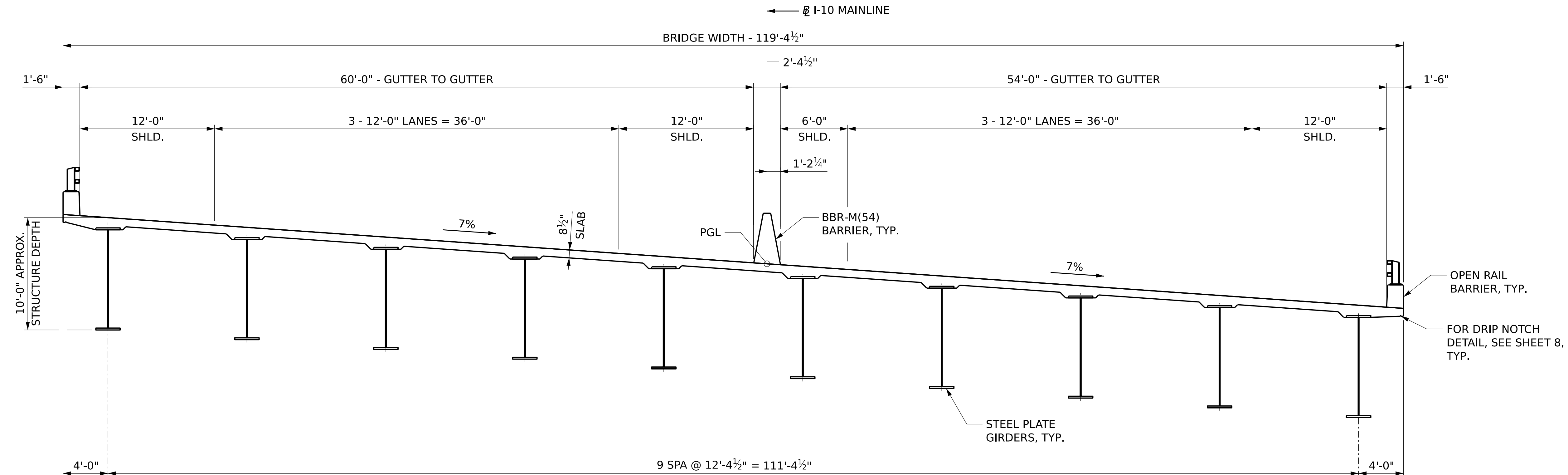
DESIGNER: J. LIU	DATE: 07/31/2023
BRIDGE SHEET NO. 6	OF 17

SHEET TITLE
MOBILE RIVER BRIDGE
WEST HIGH LEVEL APPROACH
TYPICAL SECTIONS (1 OF 3)

Scott Strednak MRB-S03-ST-30200.dgn 3:51:28 PM 7/31/2023



TYPICAL SECTION 3 - WEST SIDE HLA
SCALE: 3/16" = 1'
SPAN 13 TO SPAN 16



TYPICAL SECTION 4 - WEST SIDE HLA
SCALE: 3/16" = 1'
SPAN 17 TO SPAN 20

THESE DRAWINGS REPRESENT DESIGNS PREPARED FOR USE BY THE ALABAMA DEPARTMENT OF TRANSPORTATION AND ARE NOT TO BE COPIED, REPRODUCED, ALTERED, OR USED BY ANYONE, OR ANY ORGANIZATION, WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ALABAMA DEPARTMENT OF TRANSPORTATION REPRESENTATIVE AUTHORIZED TO APPROVE SUCH USE. ANYONE MAKING UNAUTHORIZED USE OF THESE DRAWINGS MAY BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.

ACCEPTED BY _____
BRIDGE ENGINEER DATE



REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP	PE STAMP	QR CODE
DATE	DATE	

PROJECT LOGO

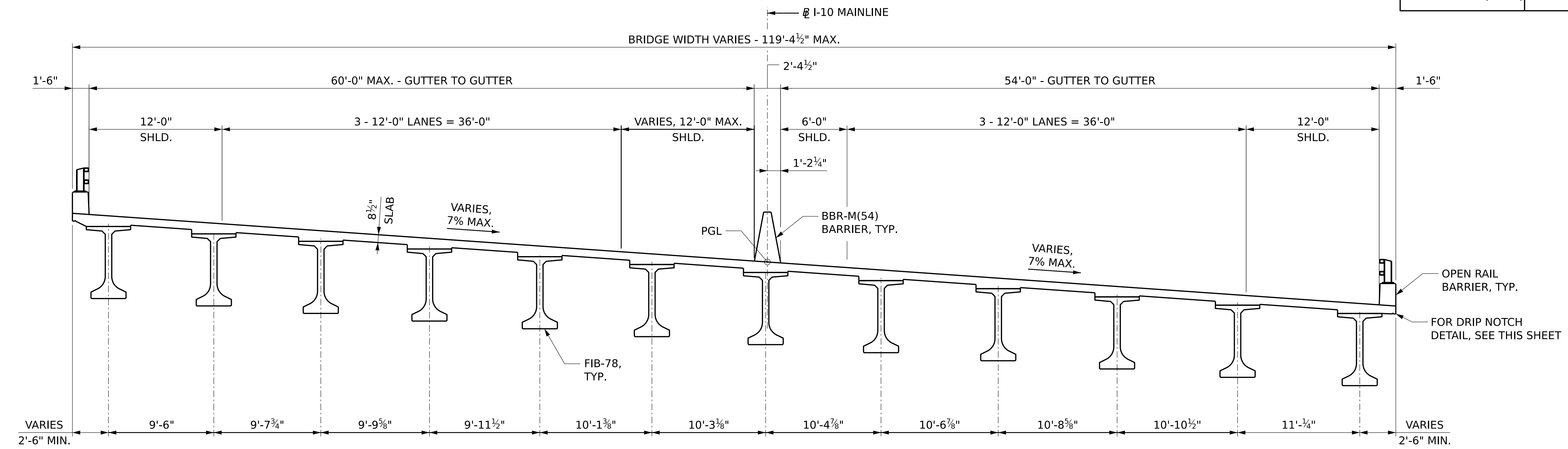
PLAN SUBMITTAL	BIN(S)
	COUNTY(S)
	MOBILE

DESIGNER: J. LIU DATE: 07/31/2023
BRIDGE SHEET NO. 7 OF 17

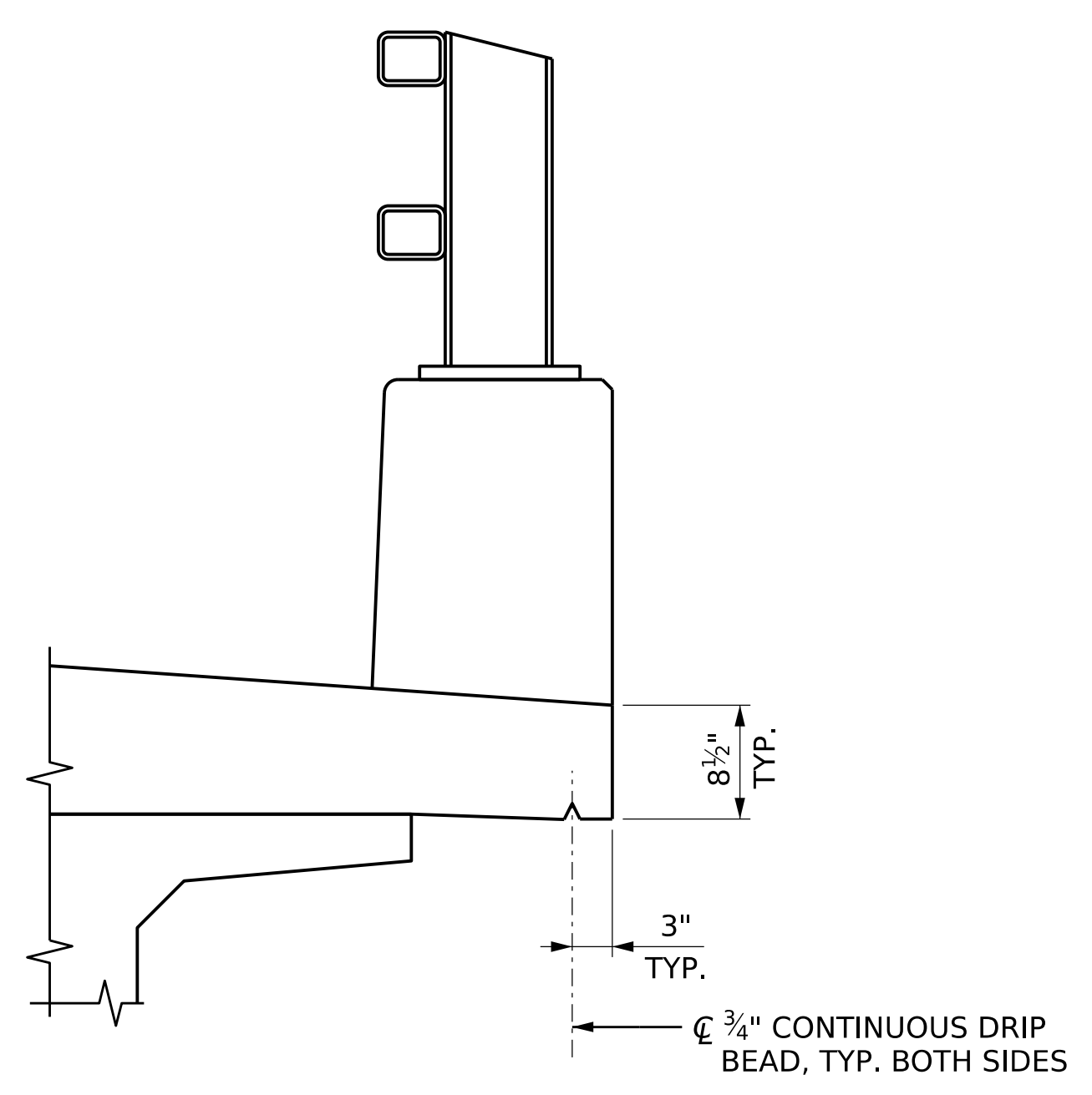
SHEET TITLE
MOBILE RIVER BRIDGE
WEST HIGH LEVEL APPROACH
TYPICAL SECTIONS (2 OF 3)

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ACIM-XXXX(XXX)	2023	S03-ST-30202

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION



TYPICAL SECTION 5 - WEST SIDE HLA
SCALE: 3/16" = 1"
SPAN 21 TO SPAN 26



DRIP NOTCH DETAIL
N.T.S.

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ACCEPTED BY _____
BRIDGE ENGINEER DATE



REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP	PE STAMP	QR CODE
DATE	DATE	

PROJECT LOGO

PLAN SUBMITTAL	BIN(S)
	COUNTY(S)
	MOBILE

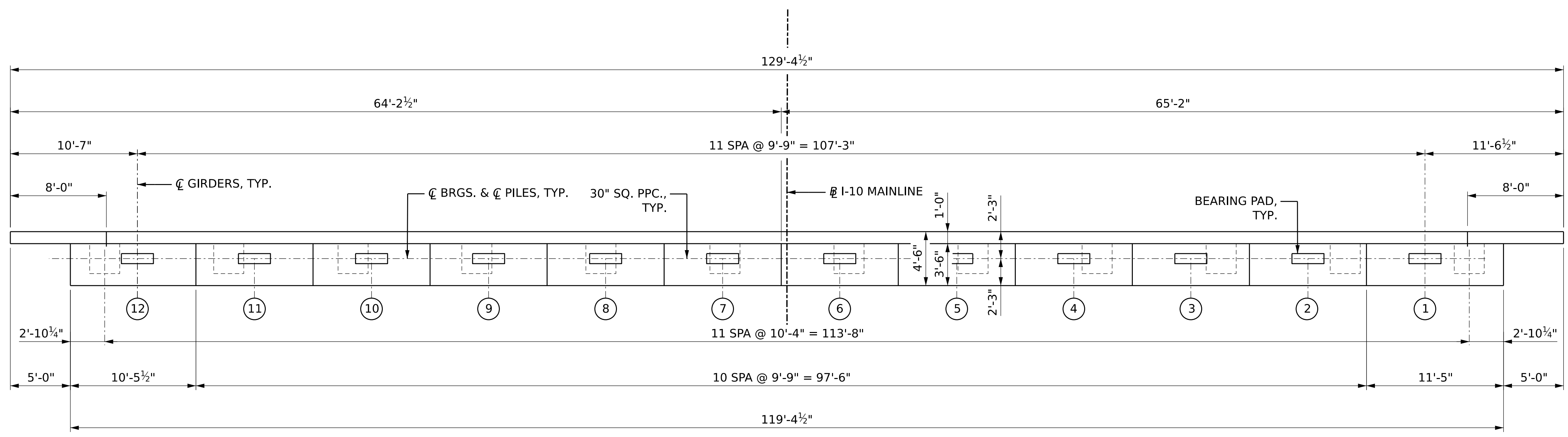
DESIGNER: J. LIU DATE: 07/31/2023
BRIDGE SHEET NO. 8 OF 17

SHEET TITLE
MOBILE RIVER BRIDGE
WEST HIGH LEVEL APPROACH
TYPICAL SECTIONS (3 OF 3)

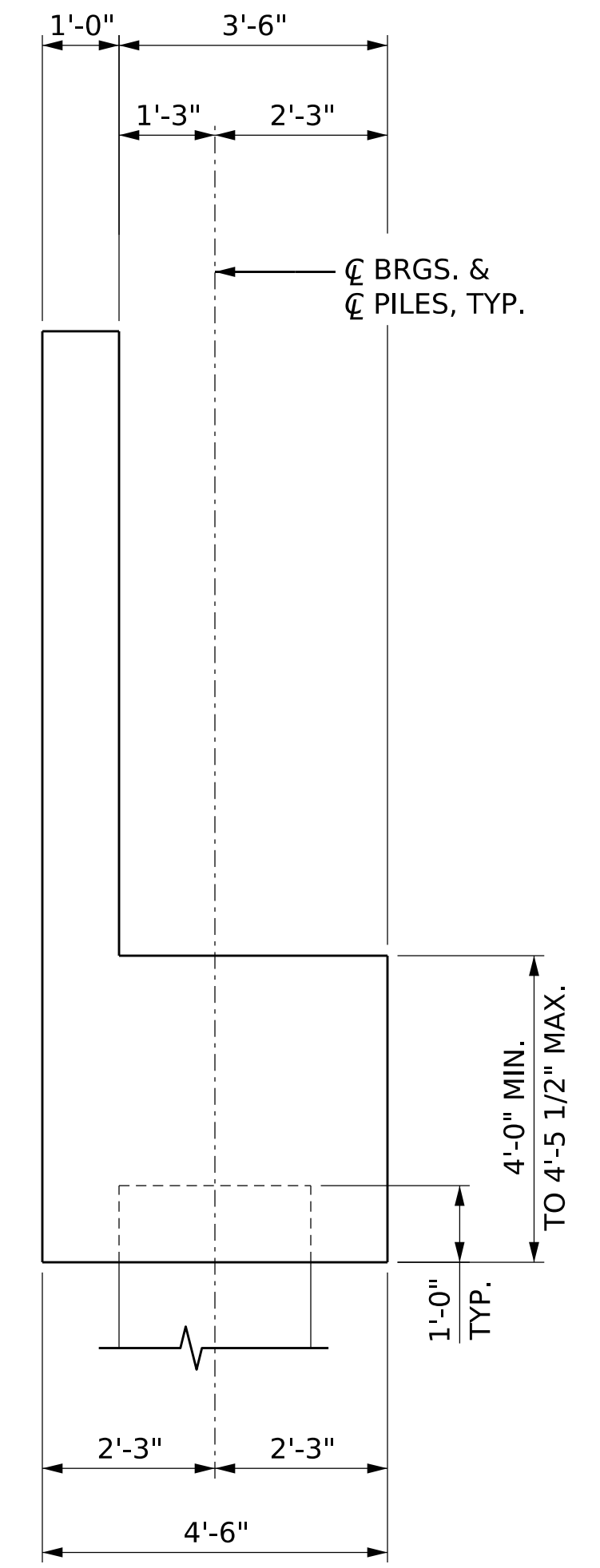
7/31/2023 3:52:07 PM Scott.Strednak MRB-S03-ST-30202.dgn

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ACIM-XXXX(XXX)	2023	S03-ST-30400

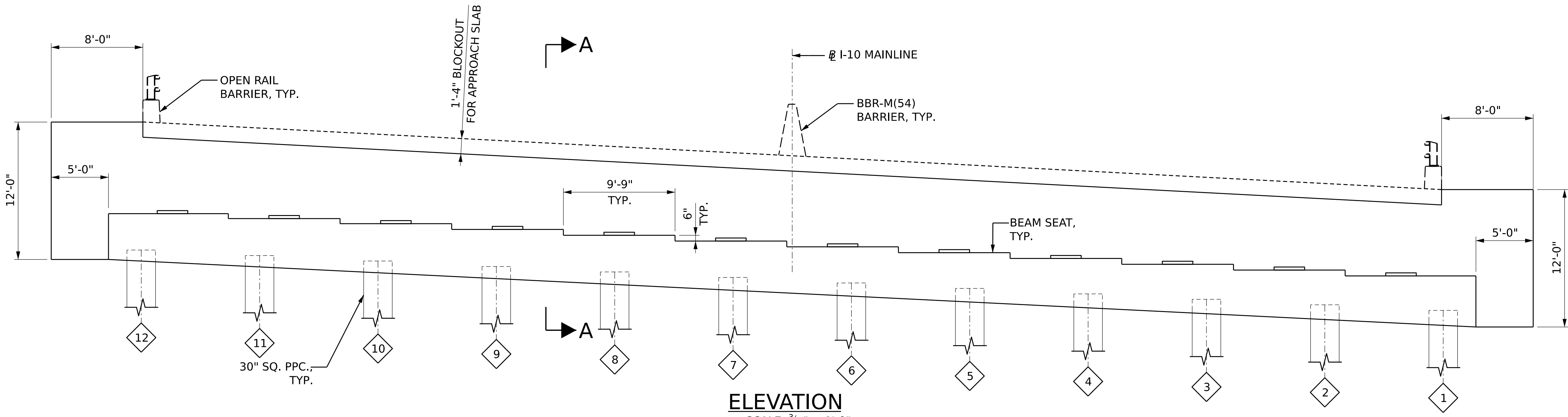
PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION



PLAN
SCALE: 3/16" = 1'-0"



SECTION A-A
SCALE: 1/2" = 1'-0"



ELEVATION
SCALE: 3/16" = 1'-0"
(LOOKING BACKSTATION)

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ACCEPTED BY
BRIDGE ENGINEER DATE



REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP	PE STAMP	QR CODE
DATE	DATE	

PROJECT LOGO

PLAN SUBMITTAL	BIN(S)
	COUNTY(S)
	MOBILE

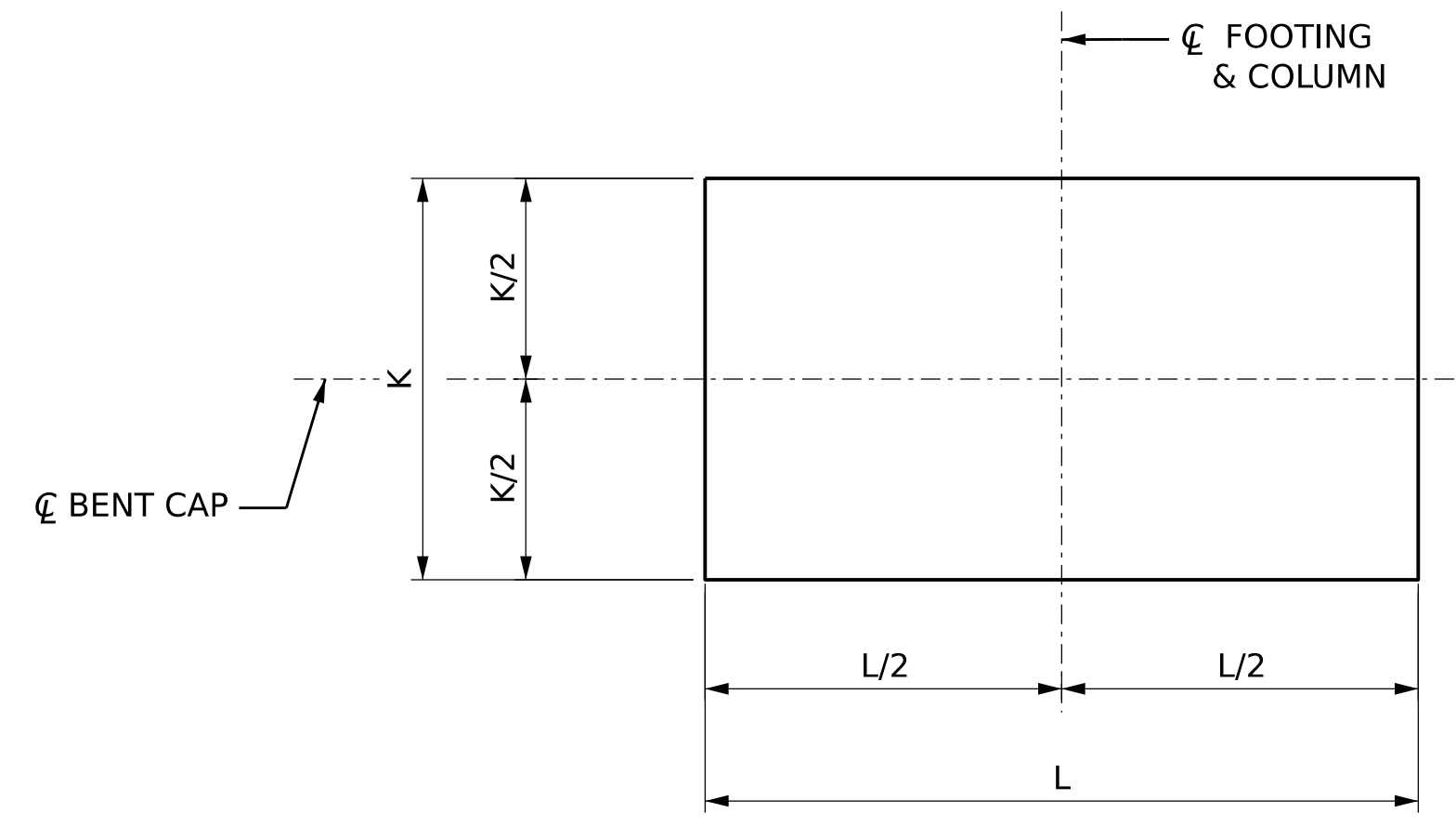
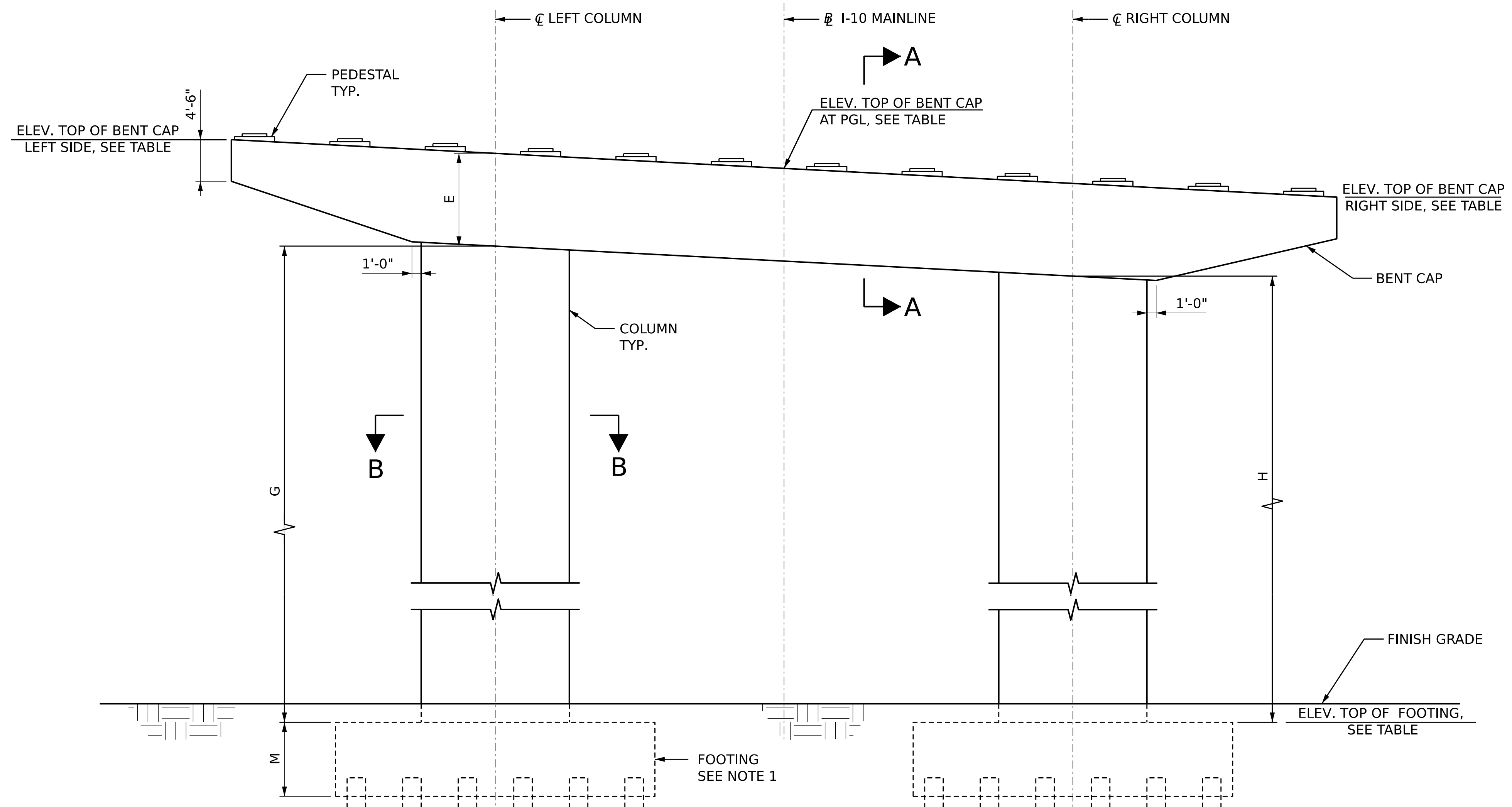
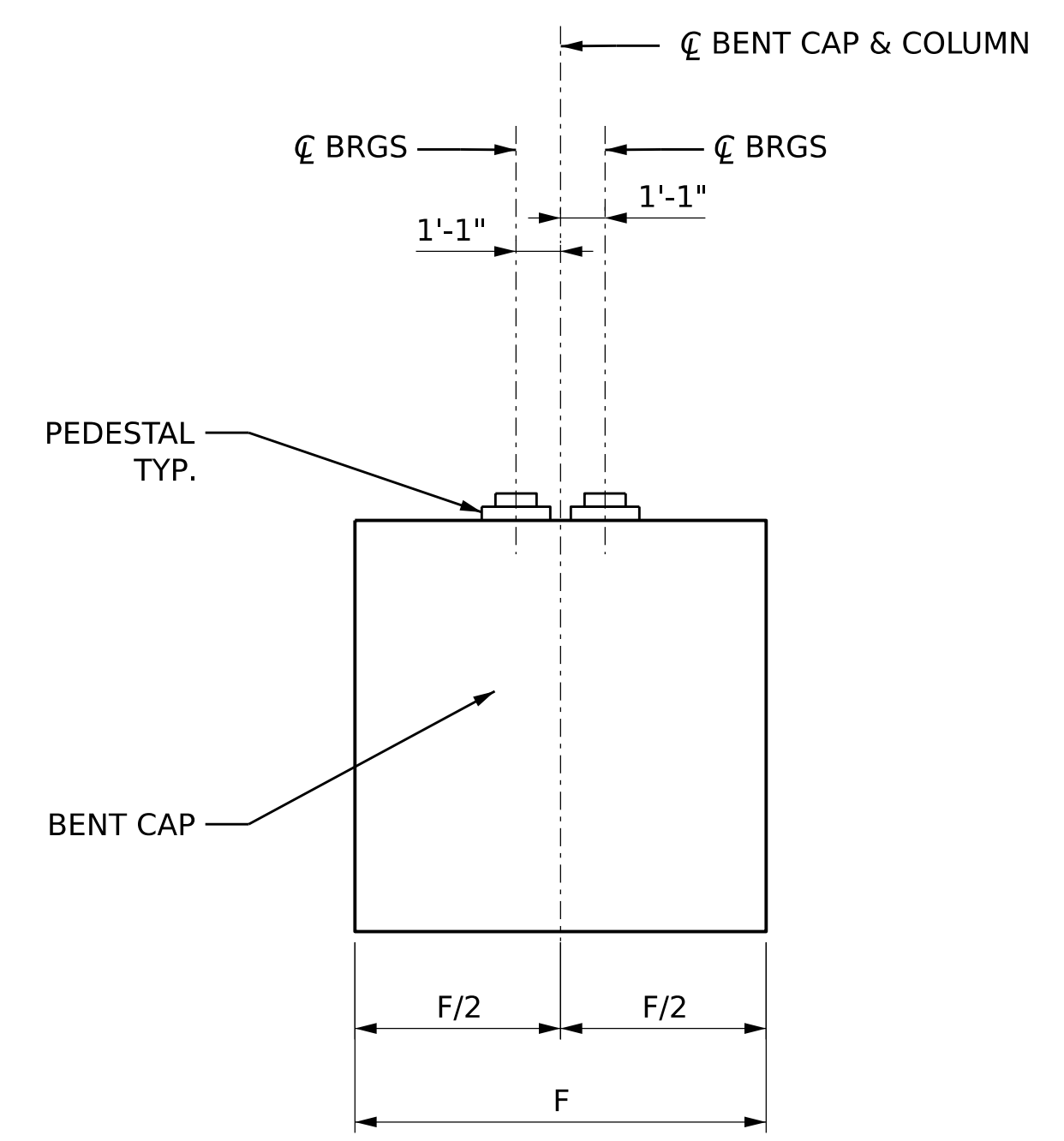
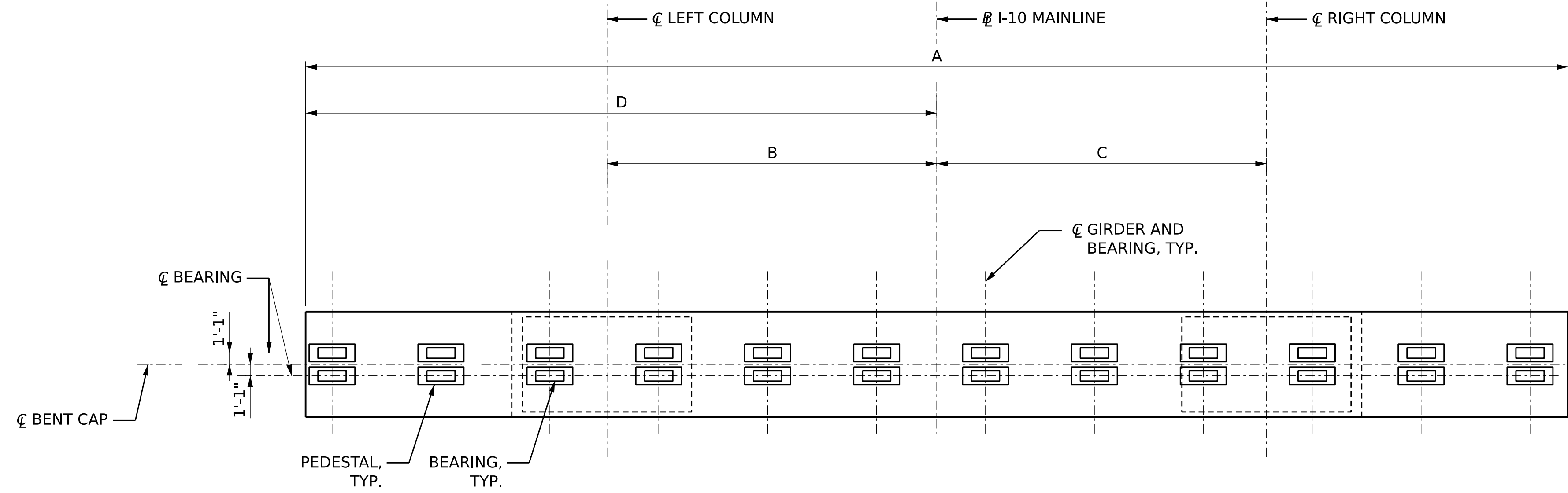
DESIGNER: J. LIU	DATE: 07/31/2023
BRIDGE SHEET NO. 9	OF 17

SHEET TITLE	
MOBILE RIVER BRIDGE	
WEST HIGH LEVEL APPROACH	
ABUTMENT 1 DETAILS	

7/31/2023 3:52:24 PM Scott Strednak MRB-S03-ST-30400.dgn

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ACIM-XXXX(XXX)	2023	S03-ST-30500

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION



NOTE:

- TYPE 1 FOOTING SHOWN, TYPE 2 SIMILAR.
- SEE SHEET NO. 12 - TYPICAL BENT DIMENSIONS - BENT TABLE FOR ELEVATIONS & VARIABLE DIMENSIONS.

24" SQ PPC TYP., SEE BRIDGE SPECIAL PROJECT DRAWING PSCP-1 FOR DETAILS

THESE DRAWINGS REPRESENT DESIGNS PREPARED FOR USE BY THE ALABAMA DEPARTMENT OF TRANSPORTATION AND ARE NOT TO BE COPIED, REPRODUCED, ALTERED, OR USED BY ANYONE, OR ANY ORGANIZATION, WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ALABAMA DEPARTMENT OF TRANSPORTATION REPRESENTATIVE AUTHORIZED TO APPROVE SUCH USE. ANYONE MAKING UNAUTHORIZED USE OF THESE DRAWINGS MAY BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.

ACCEPTED BY
BRIDGE ENGINEER DATE

	REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP	PE STAMP	QR CODE
DATE	DATE	

PROJECT LOGO

PLAN SUBMITTAL	BIN(S)
	COUNTY(S)
	MOBILE

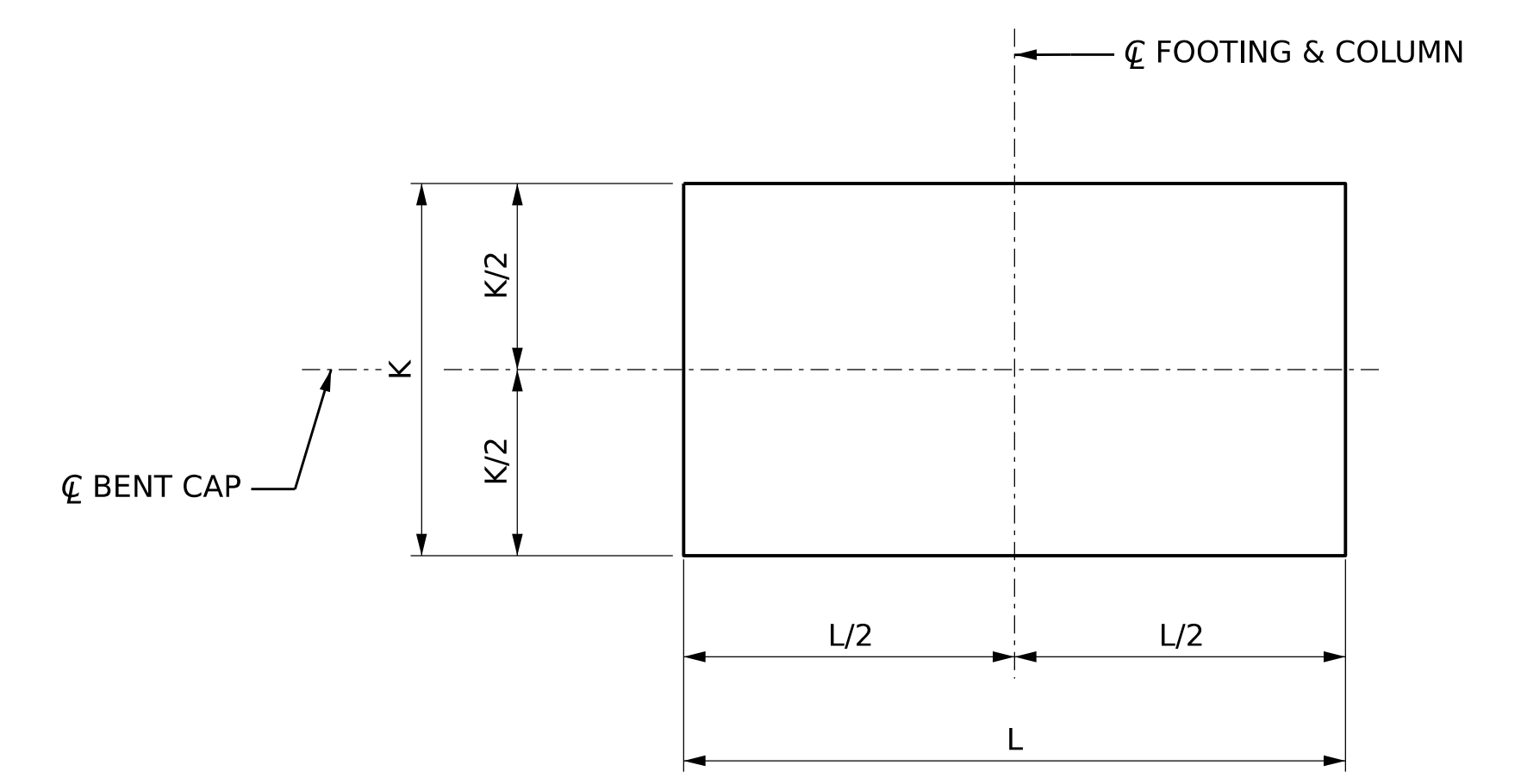
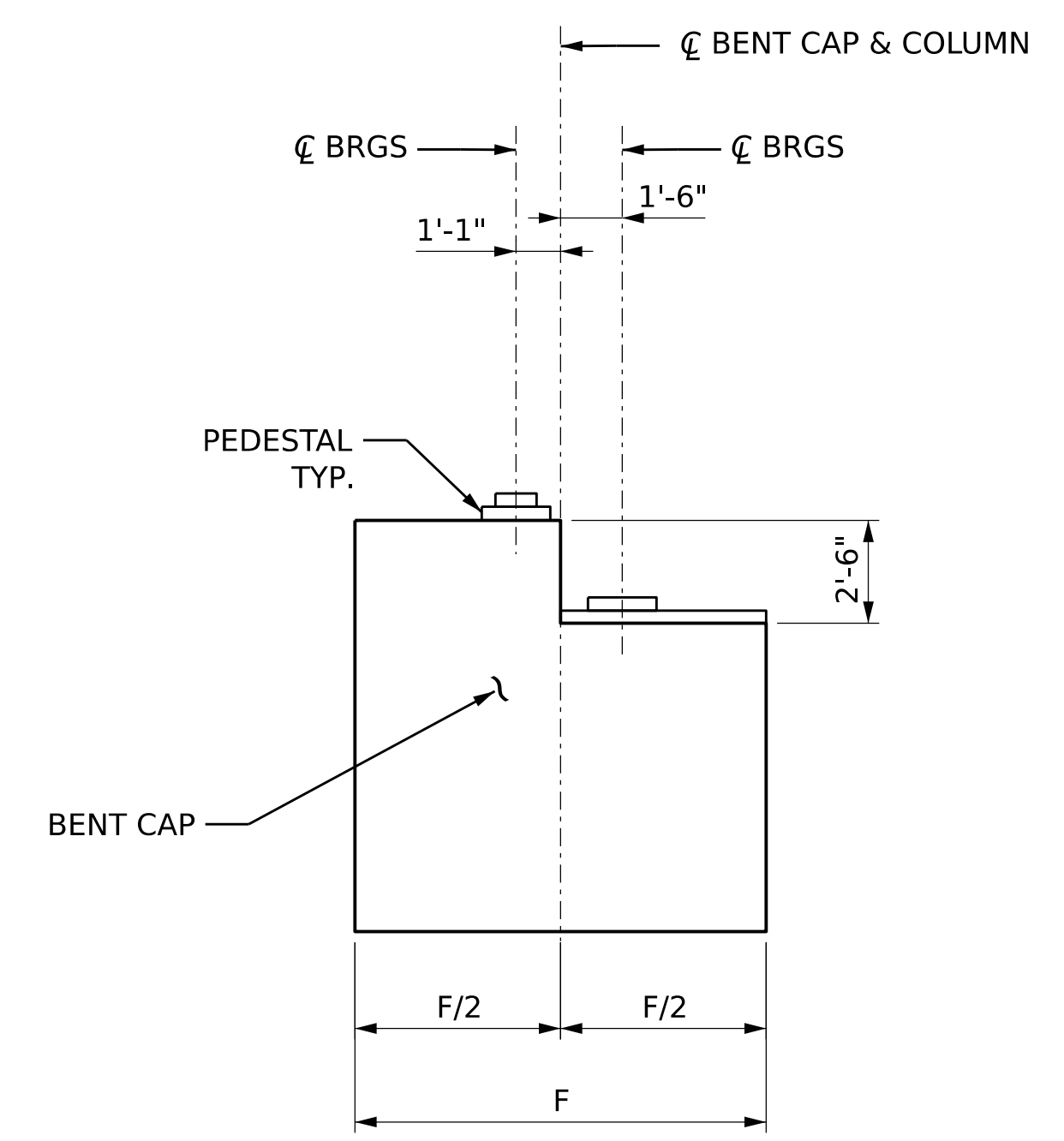
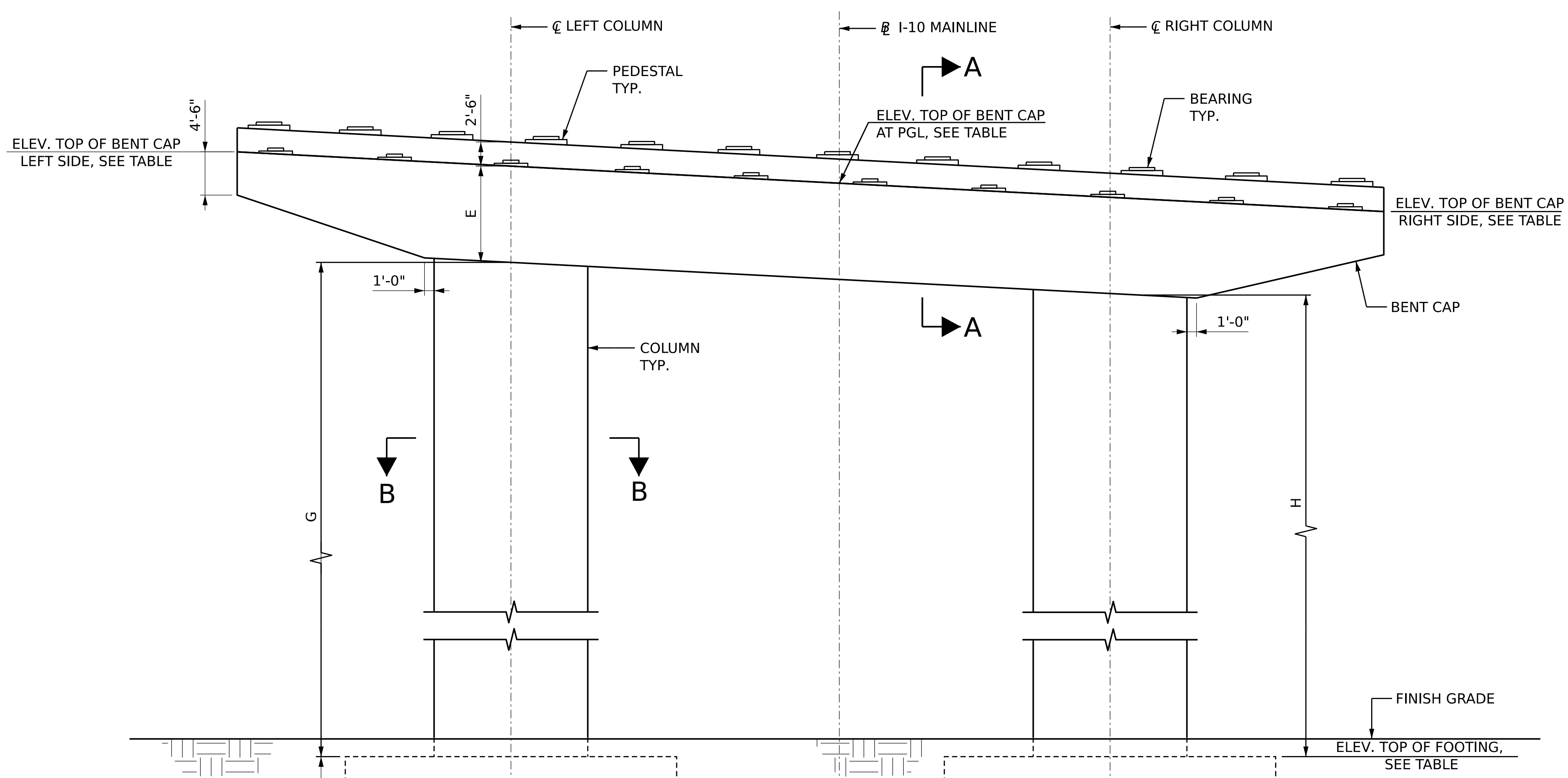
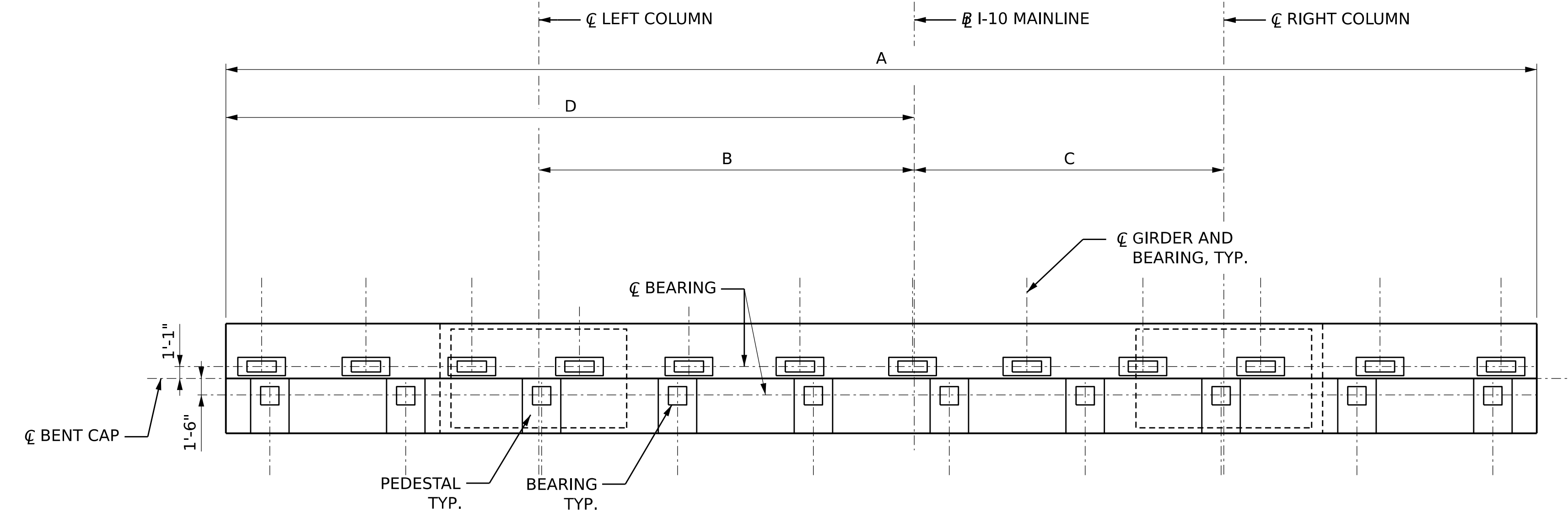
DESIGNER: J. LIU	DATE: 07/31/2023
BRIDGE SHEET NO. 10	OF 17

SHEET TITLE	
MOBILE RIVER BRIDGE	
WEST HIGH LEVEL APPROACH	
TYPICAL BENT DIMENSIONS	

Scott Strednak MRB-S03-ST-30500.dgn 3:52:42 PM 7/31/2023

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ACIM-XXXX(XXX)	2023	S03-ST-30501

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION



- NOTE:
- TYPE 1 FOOTING SHOWN, SEE SHEET NO. 13 FOR DETAILS.
 - SEE SHEET NO. 12 - TYPICAL BENT DIMENSIONS - BENT TABLE FOR ELEVATIONS & VARIABLE DIMENSIONS.

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ACCEPTED BY

BRIDGE ENGINEER DATE



REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP

DATE

PE STAMP

DATE

QR CODE

PROJECT LOGO

PLAN SUBMITTAL

DESIGNER: J. LIU DATE: 07/31/2023

BRIDGE SHEET NO. 11 OF 17

SHEET TITLE
MOBILE RIVER BRIDGE
WEST HIGH LEVEL APPROACH
BENT 17 & BENT 21

3:53:01 PM
Scott.Strednak MRB-S03-ST-30501.dgn
7/31/2023

1" = 20'
SHEET REFERENCE

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ACIM-XXXX(XXX)	2023	S03-ST-30502

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

Bent cap							Column				Footing										
Bent cap length	Distance between I-10 MAINLINE and Left Col. C	Distance between I-10 MAINLINE and Right Col. C	Distance between Left edge of Bent cap and I-10 MAINLINE	Depth	Width		Height of left column	Height of right column	Thickness (parallel to I-10 MAINLINE)	Width (normal to I-10 MAINLINE)	Footing type	Footing Thickness	Footing length (parallel to I-10 MAINLINE)	Footing Width (normal to I-10 MAINLINE)	Number of rows of piles/shafts (parallel to I-10 MAINLINE)	Number of rows of piles/shafts (normal to I-10 MAINLINE)	Number of piles/shafts, see note 1	Drilled shaft diameter			

Bent #	Station (ft)	Elevation top of bent cap, left side (ft)	Elevation bent cap and I-10 MAINLINE (ft)	Elevation top of bent cap, right side (ft)	Elevation top of pile footing, left side (ft)	Elevation top of pile footing, right side (ft)	A (ft)	B (ft)	C (ft)	D (ft)	E (ft)	F (ft)	G (ft)	H (ft)	K (ft)	L (ft)	M (ft)	N (ft)	P (ft)	Q (ea)	R (ea)		S (ft)	
Bent 2	465+10.050	33.286	36.234	39.181	14.500	14.500	113.370	28.185	28.185	56.685	10	7	10.268	13.199	6	10	1	6	22.5	16.5	4	3	12	-
Bent 3	466+70.717	38.264	41.212	44.159	9.000	9.000	113.370	28.185	28.185	56.685	10	7	20.746	23.677	6	10	1	6	22.5	16.5	4	3	12	-
Bent 4	468+31.383	44.262	47.210	50.157	9.000	9.000	113.370	28.185	28.185	56.685	10	7	26.744	29.675	6	10	1	6	22.5	16.5	4	3	12	-
Bent 5	469+92.050	50.309	53.257	56.204	32.500	32.500	113.370	28.185	28.185	56.685	10	7	9.291	12.222	6	10	1	6	22.5	16.5	4	3	12	-
Bent 6	471+52.717	56.355	59.303	62.250	32.500	32.500	113.370	28.185	28.185	56.685	10	7	15.337	18.268	6	10	1	6	22.5	16.5	4	3	12	-
Bent 7	473+13.383	62.401	65.349	68.296	31.000	31.000	113.370	28.185	28.185	56.685	10	7	22.883	25.814	6	10	1	6	22.5	16.5	4	3	12	-
Bent 8	474+74.050	68.805	71.396	73.987	28.500	28.500	113.370	28.185	28.185	56.685	10	7	31.607	34.184	6	10	1	6	22.5	16.5	4	3	12	-
Bent 9	476+34.717	76.152	77.442	78.731	26.000	26.000	113.370	28.185	28.185	56.685	10	9	40.800	42.083	8	14	1	6	22.5	16.5	4	3	12	-
Bent 10	477+95.383	82.277	83.488	82.313	23.000	23.000	113.370	28.185	28.185	56.685	10	9	49.886	49.903	8	14	1	7	22.5	16.5	4	3	12	-
Bent 11	479+56.050	88.288	89.535	88.288	20.000	20.000	113.370	28.185	28.185	56.685	10	9	58.915	58.915	8	14	1	7	22.5	16.5	4	3	12	-
Bent 12	481+16.717	94.335	95.582	94.335	17.500	17.500	113.370	28.185	28.185	56.685	10	9	67.462	67.462	8	14	1	7	22.5	22.5	4	4	16	-
Bent 13	482+77.383	100.381	101.628	100.381	15.500	15.500	113.370	28.185	28.185	56.685	10	9	75.508	75.508	8	14	1	8	22.5	22.5	4	4	16	-
Bent 14	484+38.050	108.797	107.674	106.594	15.000	15.000	115.674	30.489	28.185	58.989	10	9	83.255	82.137	8	14	1	8	22.5	22.5	4	4	16	-
Bent 15	485+98.717	115.930	113.721	111.683	15.000	15.000	118.146	32.961	28.185	61.461	10	9	89.905	87.708	8	14	1	8	22.5	22.5	4	4	16	-
Bent 16	487+59.383	124.034	119.767	115.908	15.500	15.500	119.370	34.185	28.185	62.685	10	11	96.594	92.348	10	18	1	8	28.5	22.5	5	4	20	-
Bent 17	489+20.050	127.396	123.008	119.040	17.500	17.500	119.370	34.185	28.185	62.685	10	11	97.901	93.535	10	18	1	8	28.5	22.5	5	4	20	-
Bent 18	491+40.050	SEE BENT 18 SHEETS FOR DETAILS																						
Bent 19	494+20.050	146.213	141.825	137.857	20.500	20.500	119.370	34.185	28.185	62.685	10	11	113.718	109.352	10	18	2	8	44.5	44.5	2	2	5	8
Bent 20	497+00.050	159.555	155.167	151.199	9.000	9.000	119.370	34.185	28.185	62.685	10	11	138.560	134.194	10	18	2	8	58.5	34.5	3	2	6	8
Bent 21	499+20.050	167.835	163.447	159.479	9.500	9.500	119.370	34.185	28.185	62.685	10	11	146.340	141.974	10	18	1	8	34.5	28.5	6	5	30	-
Bent 22	500+81.717	173.919	169.531	165.563	6.000	6.000	119.370	34.185	28.185	62.685	10	11	155.924	151.558	10	18	1	8	34.5	34.5	6	6	36	-
Bent 23	502+43.383	180.003	175.615	171.647	5.000	5.000	119.370	34.185	28.185	62.685	10	11	163.008	158.642	10	18	1	8	34.5	34.5	6	6	36	-
Bent 24	504+05.050	185.742	181.699	178.043	5.000	5.000	119.370	34.185	28.185	62.685	10	11	168.904	164.881	10	18	1	8	34.5	34.5	6	6	36	-
Bent 25	505+66.717	189.469	187.783	186.221	4.500	4.500	117.889	32.501	28.185	61.204	10	11	174.178	172.506	10	18	1	8	34.5	34.5	6	6	36	-
Bent 26	507+28.383	192.762	193.867	192.620	4.000	4.000	115.402	30.117	28.185	58.717	10	11	179.300	179.247	10	18	1	8	34.5	34.5	6	6	36	-

NOTE:
1. FOR TYPE 2 WITH AN ODD NUMBER OF PILES, THE ADDITIONNAL SHAFT IS LOCATED IN THE CENTER OF THE FOOTING.

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ACCEPTED BY
BRIDGE ENGINEER DATE



REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP PE STAMP QR CODE

PROJECT LOGO

PLAN SUBMITTAL

BIN(S)
DESIGNER: J. LIU DATE: 07/31/2023
COUNTY(S)
MOBILE
BRIDGE SHEET NO. 12 OF 17

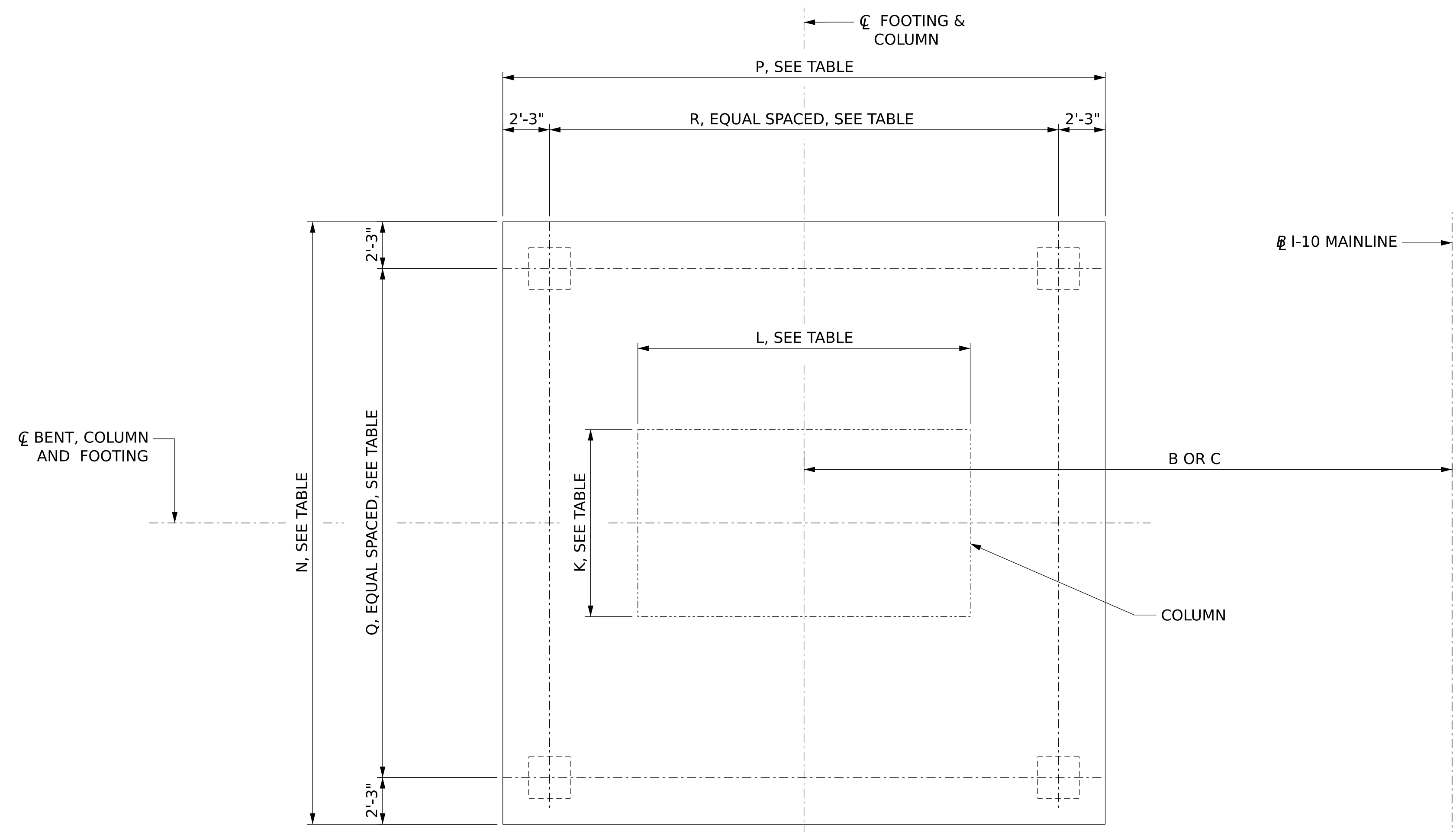
SHEET TITLE
MOBILE RIVER BRIDGE
WEST HIGH LEVEL APPROACH
TYPICAL BENT DIMENSIONS - TABLE

Scott Strednak MRB-S03-ST-30502.dgn 7/31/2023 3:53:19 PM

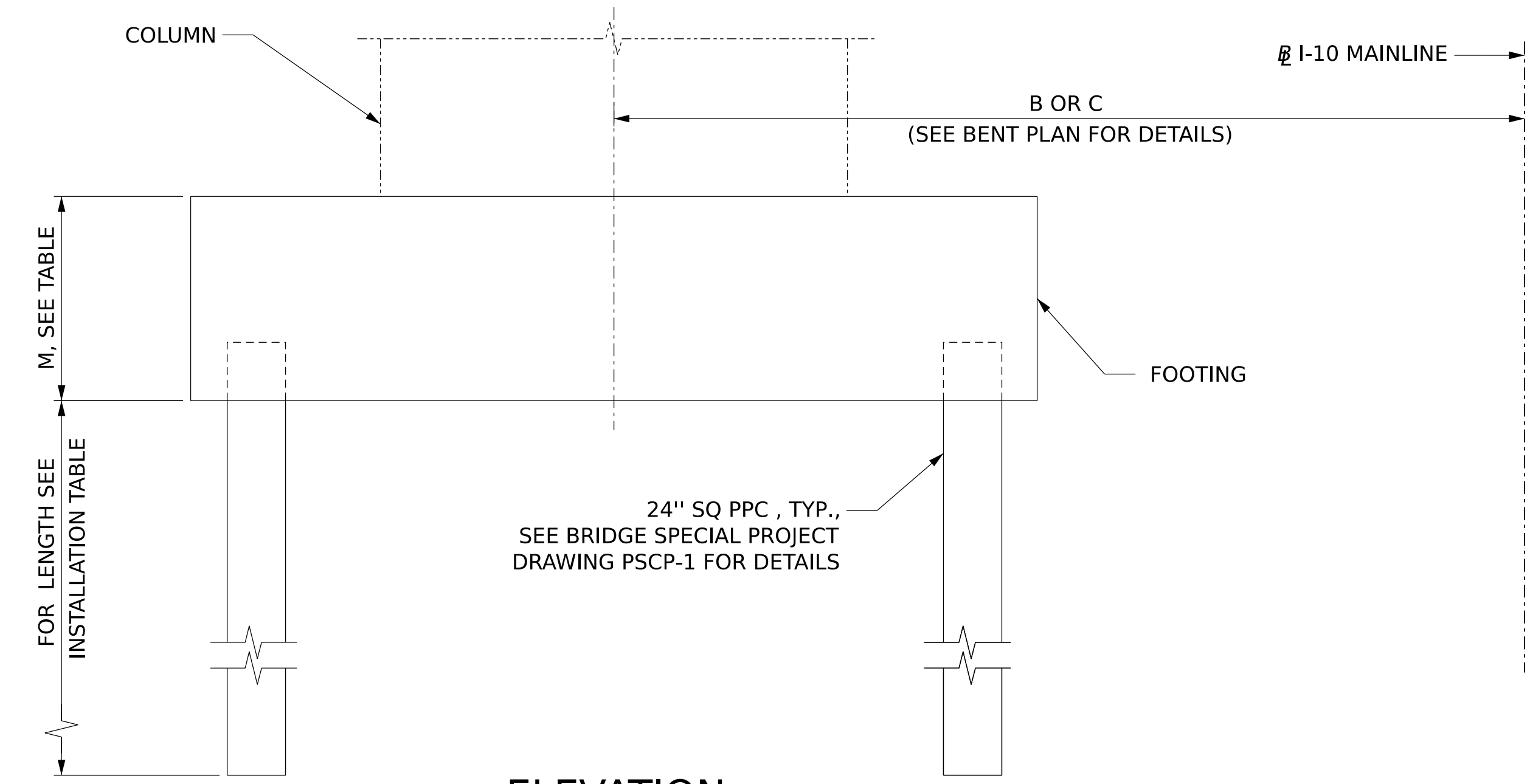
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ACIM-XXXX(XXX)	2023	S03-ST-30600

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

0 1" 2"
SHEET REFERENCE



FOOTING PLAN
SCALE: 1/4" = 1'-0"



ELEVATION
SCALE: 1/4" = 1'-0"
(LEFT COLUMN SHOWN, RIGHT COLUMN SIMILAR)

NOTES:

- SEE SHEET NO. 12 - TYPICAL BENT DIMENSIONS - BENT TABLE FOR VARIABLE DIMENSIONS.

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ACCEPTED BY

BRIDGE ENGINEER DATE



REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP	PE STAMP	QR CODE
_____ DATE	_____ DATE	

PROJECT LOGO

PLAN SUBMITTAL	BIN(S)
	COUNTY(S)
	MOBILE

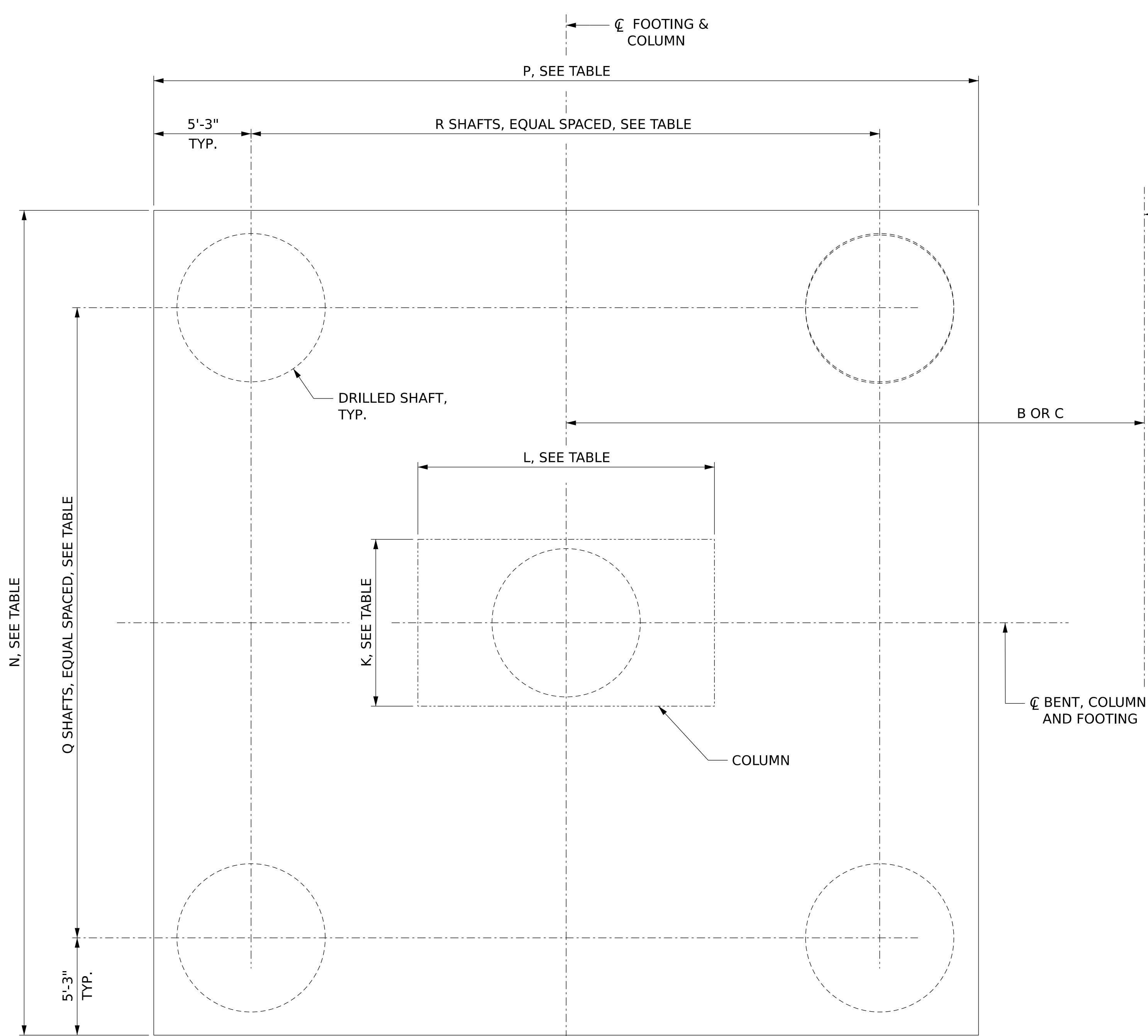
DESIGNER: J. LIU	DATE: 07/31/2023
BRIDGE SHEET NO. 13	OF 17

SHEET TITLE	
MOBILE RIVER BRIDGE	
WEST HIGH LEVEL APPROACH	
TYPE 1 FOOTING DETAILS	

7/31/2023 3:53:44 PM Scott.Strednak MRB-S03-ST-30600.dgn

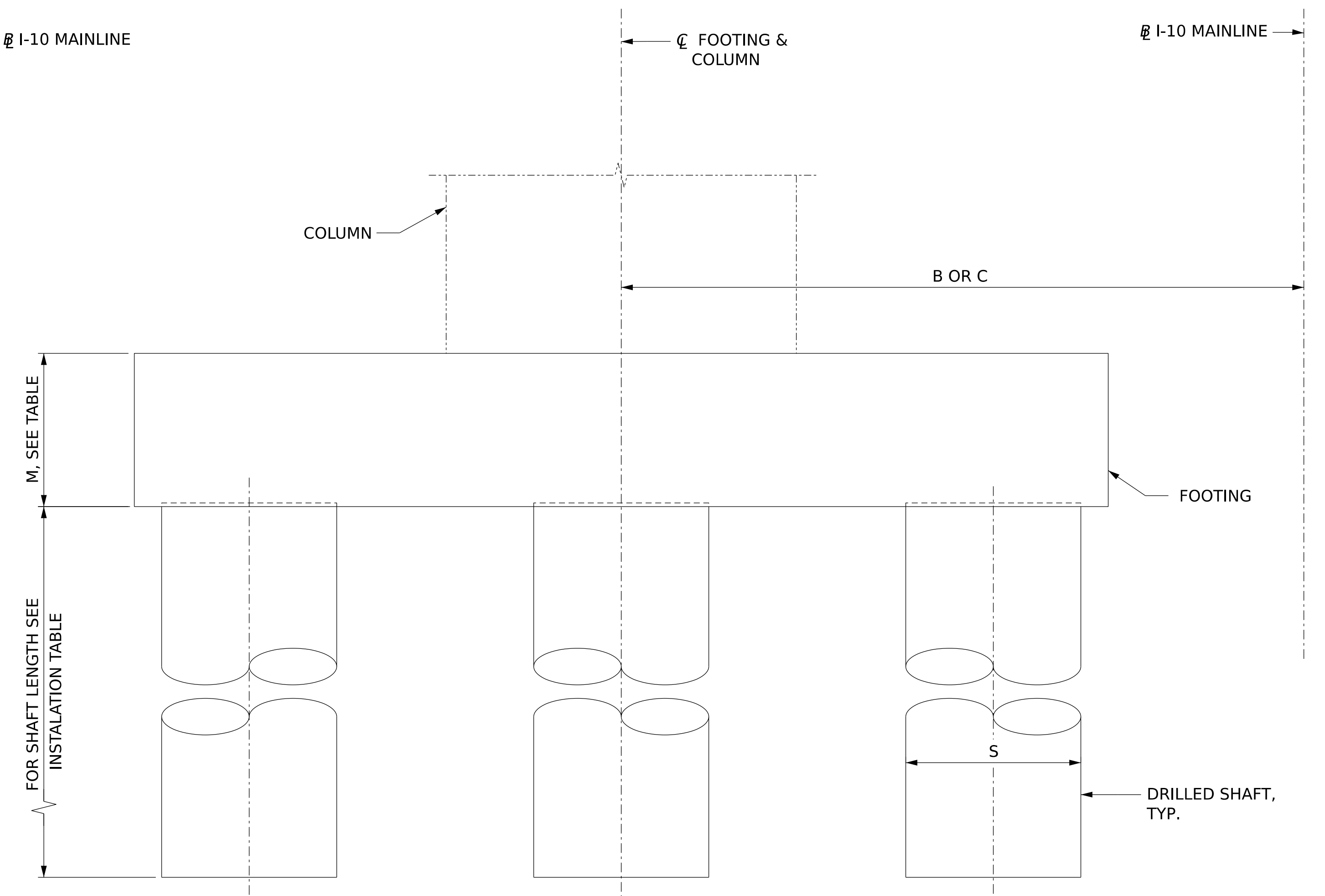
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ACIM-XXXX(XXX)	2023	S03-ST-30601

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION



FOOTING PLAN
SCALE: 1/4" = 1'-0"

- NOTE:
- 5 DRILLED SHAFT FOOTING SHOWN, OTHER SHAFT ARRANGEMENT SHOWN ON SHEET NO. 15.
 - SEE SHEET NO. 12 - TYPICAL BENT DIMENSIONS - BENT TABLE FOR VARIABLE DIMENSIONS.



ELEVATION
SCALE: 1/4" = 1'-0"
(LEFT COLUMN SHOWN, RIGHT COLUMN SIMILAR)



REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP	PE STAMP	QR CODE
DATE	DATE	

PROJECT LOGO

PLAN SUBMITTAL	BIN(S)
	COUNTY(S)
	MOBILE

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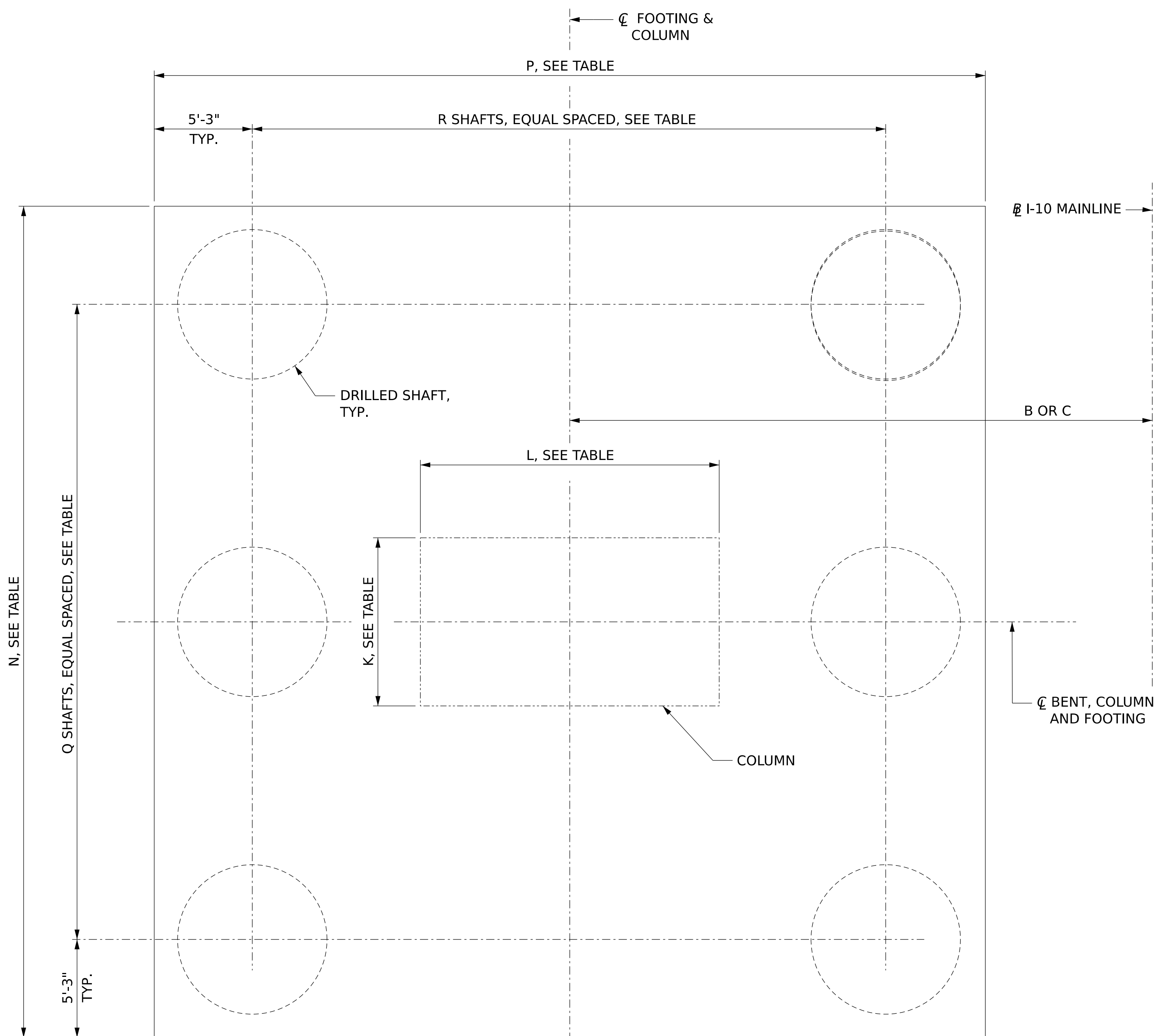
DESIGNER: J. LIU	DATE: 07/31/2023
BRIDGE SHEET NO. 14	OF 17

ACCEPTED BY	DATE
BRIDGE ENGINEER	
SHEET TITLE	
MOBILE RIVER BRIDGE	
WEST HIGH LEVEL APPROACH	
TYPE 2 FOOTING DETAILS (1 OF 2)	

7/31/2023 3:54:02 PM Scott.Strednak MRB-S03-ST-30601.dgn

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ACIM-XXXX(XXX)	2023	S03-ST-30602

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION



FOOTING PLAN
SCALE: 1/4" = 1'-0"

- NOTE:
- 5 DRILLED SHAFT FOOTING IS SHOWN ON SHEET NO. 14.
 - SEE SHEET NO. 12 - TYPICAL BENT DIMENSIONS - BENT TABLE FOR VARIABLE DIMENSIONS.

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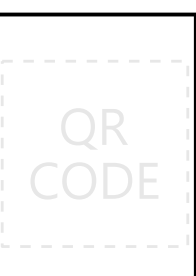
ACCEPTED BY _____
BRIDGE ENGINEER DATE



REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP _____
DATE

PE STAMP _____
DATE



PROJECT LOGO

PLAN SUBMITTAL

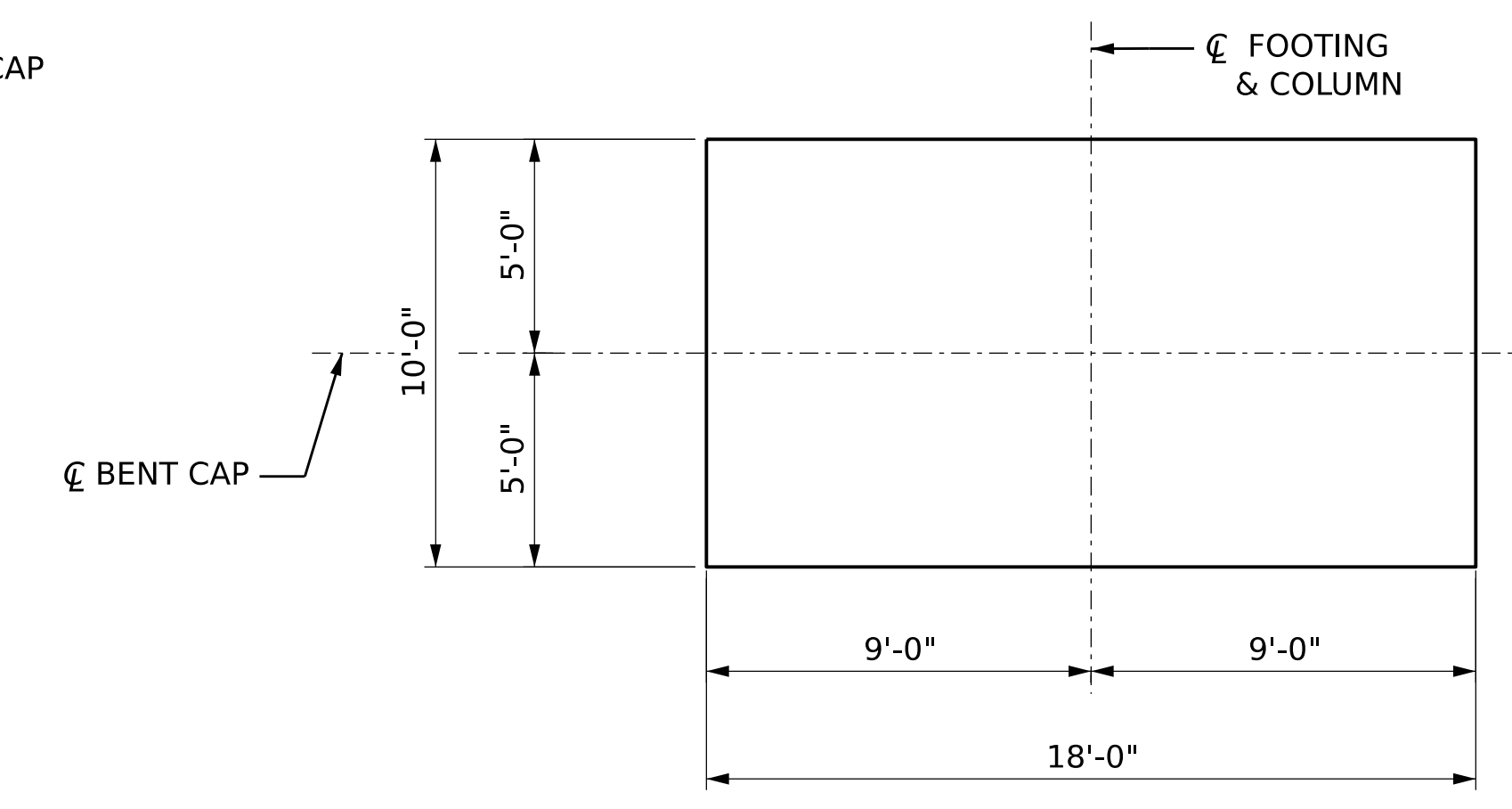
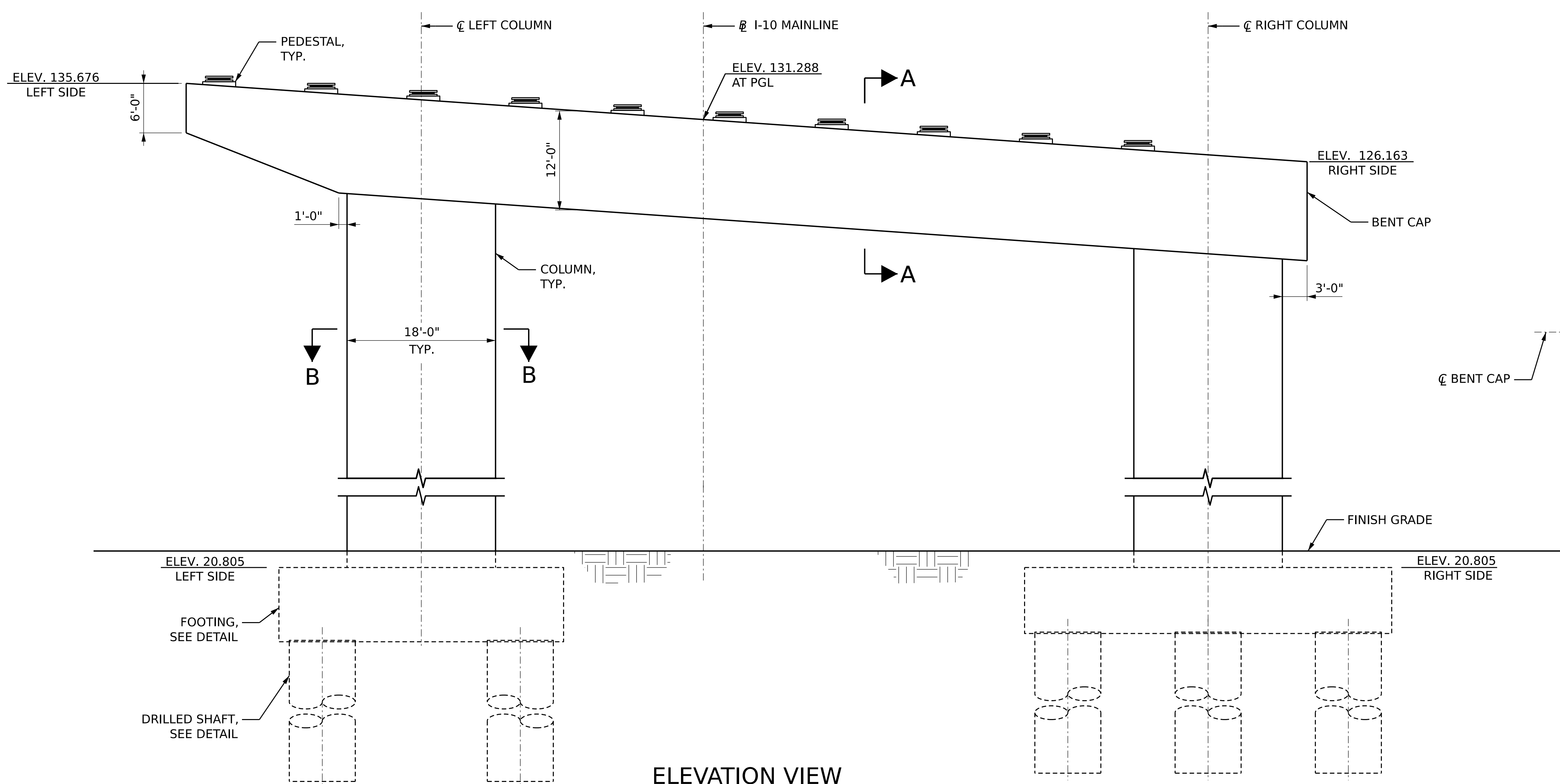
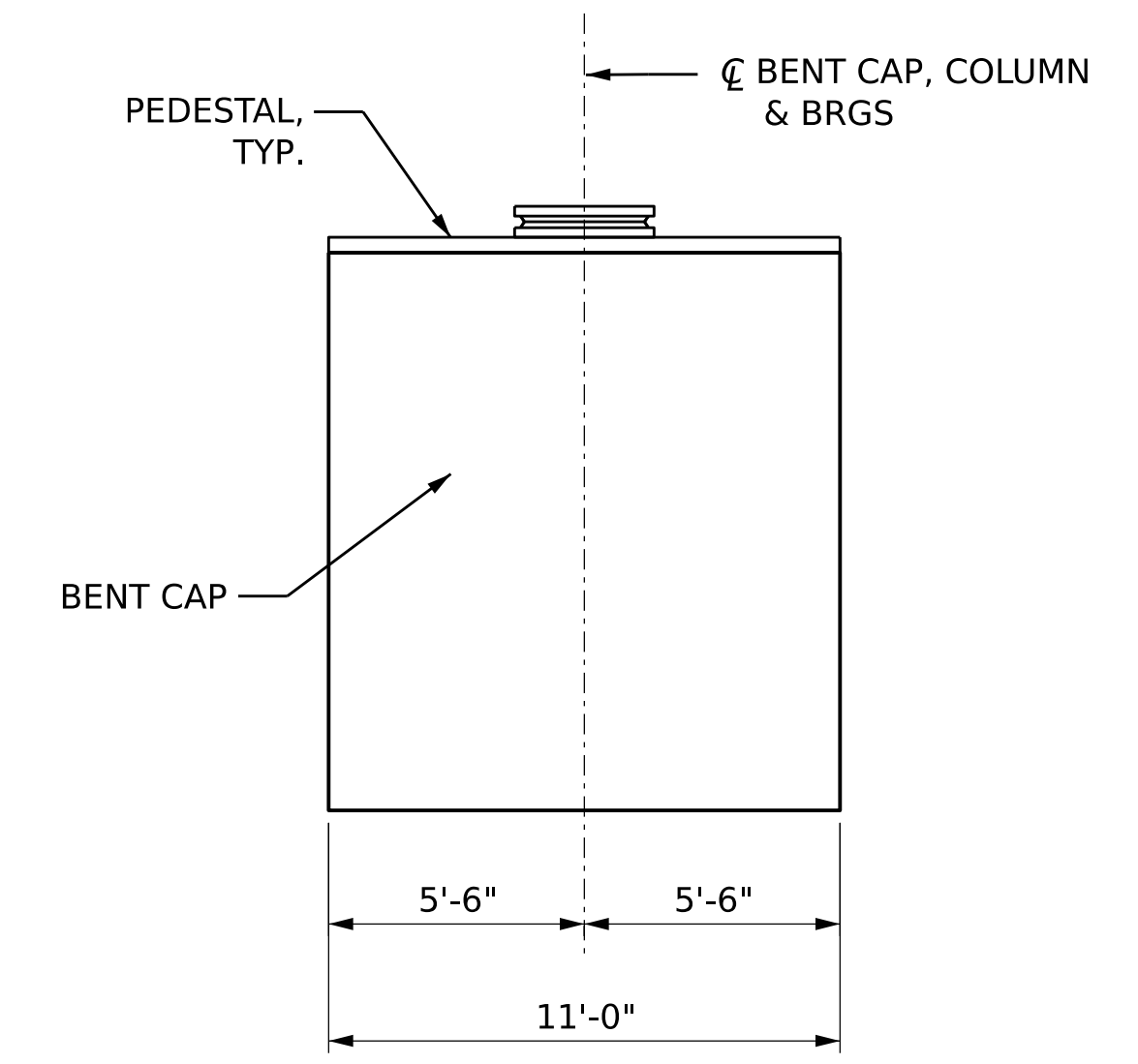
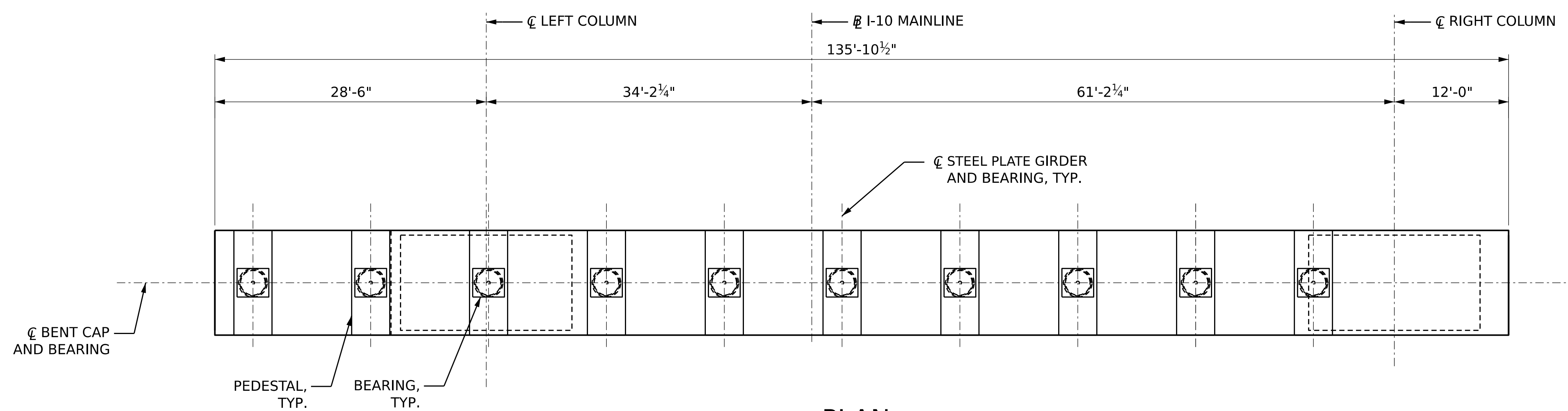
BIN(S) _____
DESIGNER: J. LIU DATE: 07/31/2023
COUNTY(S) _____
MOBILE

SHEET TITLE
MOBILE RIVER BRIDGE
WEST HIGH LEVEL APPROACH
TYPE 2 FOOTING DETAILS (2 OF 2)

3:54:25 PM
Scott.Strednak MRB-S03-ST-30602.dgn
7/31/2023

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ACIM-XXXX(XXX)	2023	S03-ST-30700

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION



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ACCEPTED BY
BRIDGE ENGINEER DATE



REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP
DATE

PROJECT LOGO

PLAN SUBMITTAL
BIN(S)
COUNTY(S)
MOBILE

DESIGNER: J. LIU DATE: 07/31/2023
BRIDGE SHEET NO. 16 OF 17

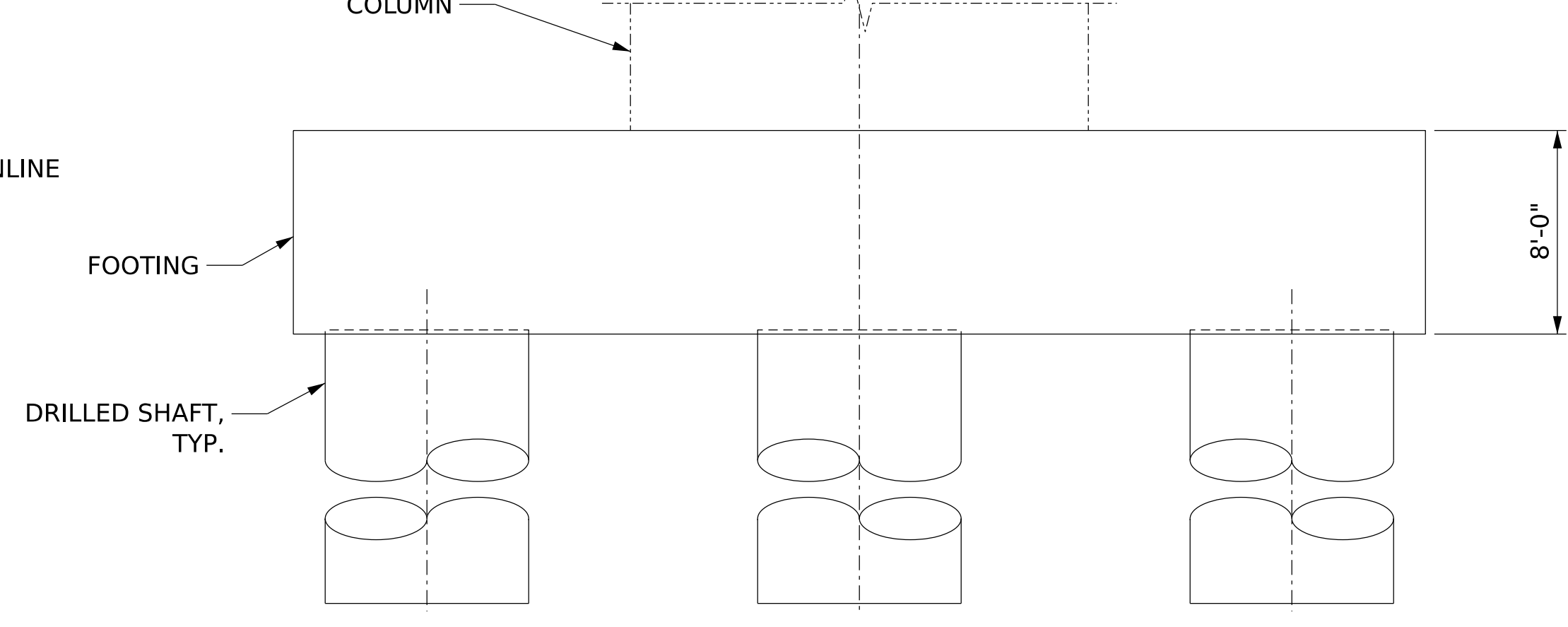
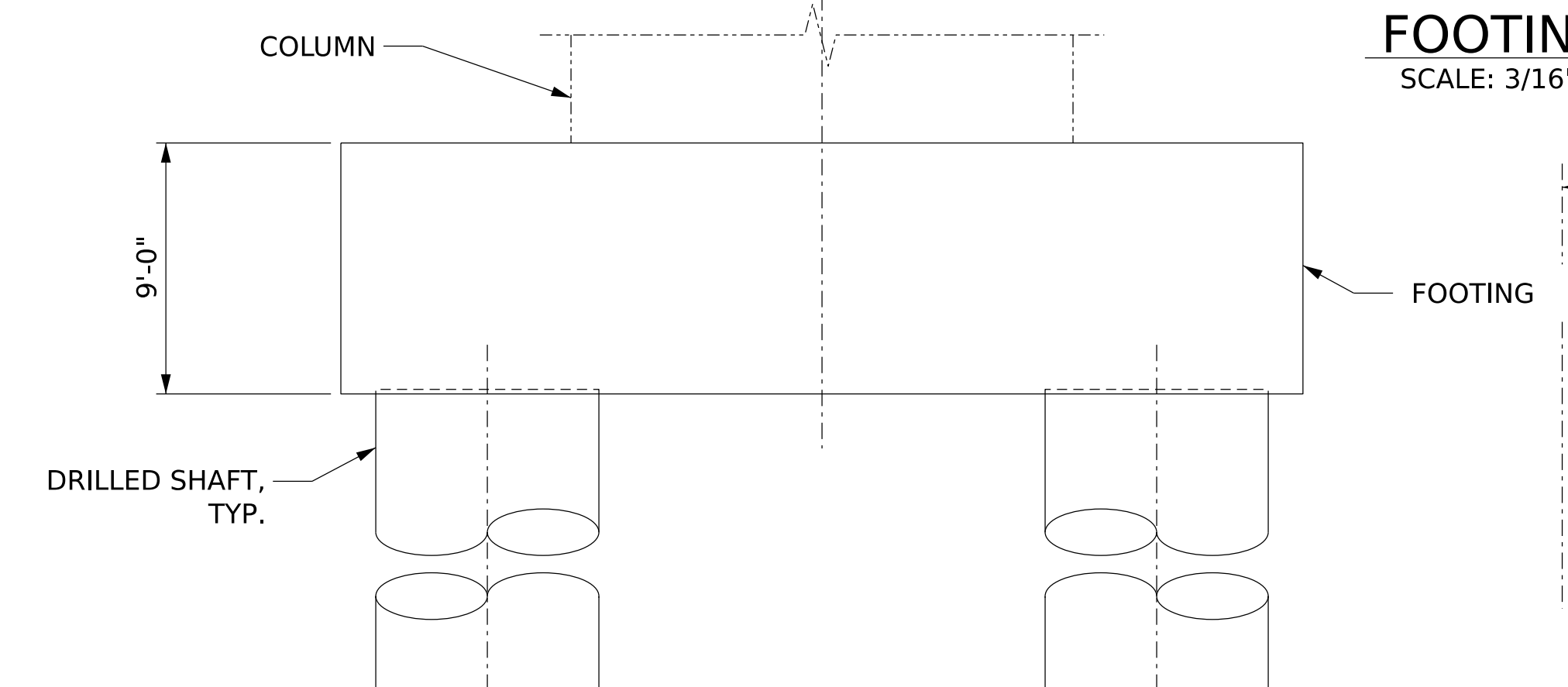
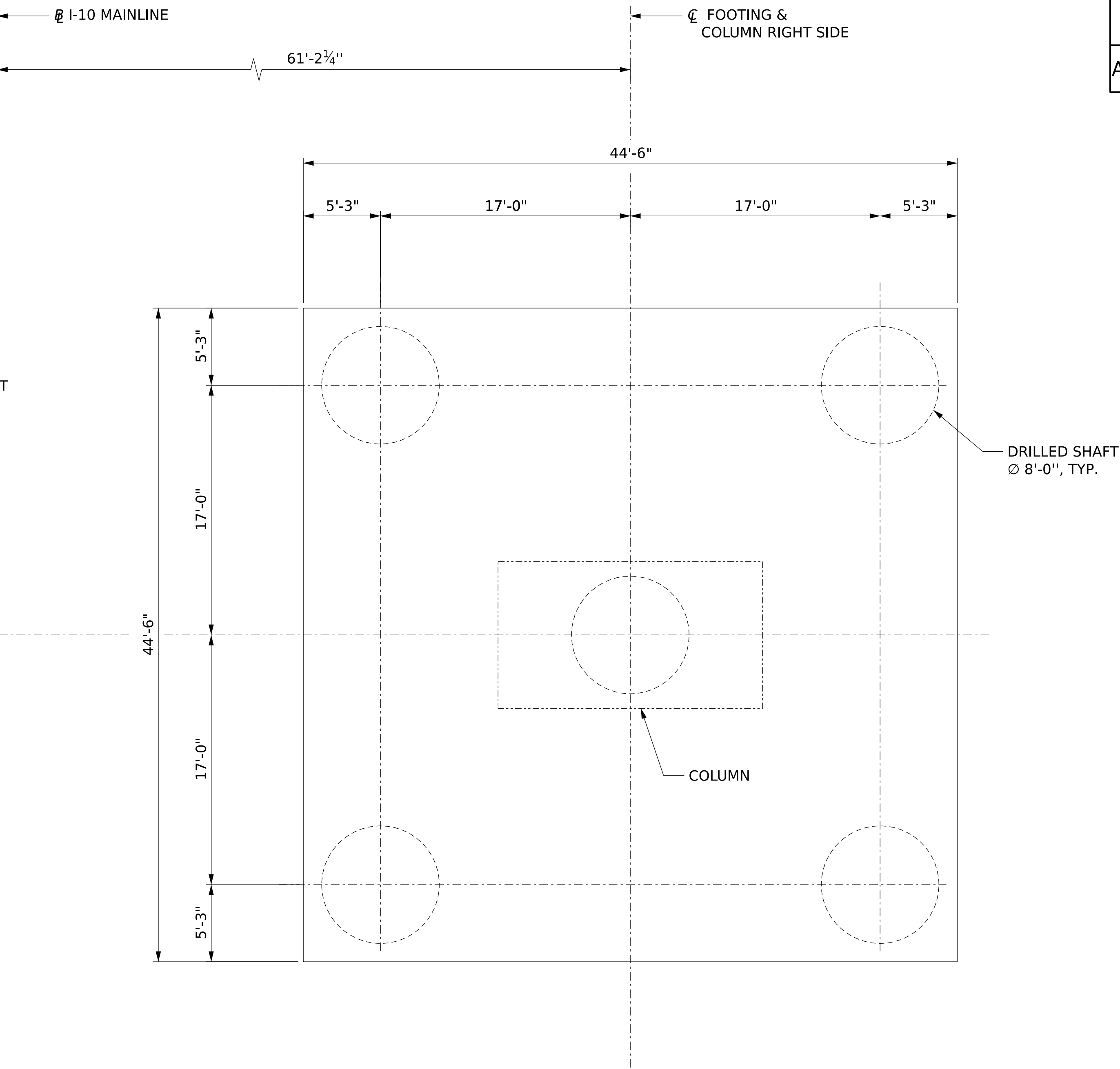
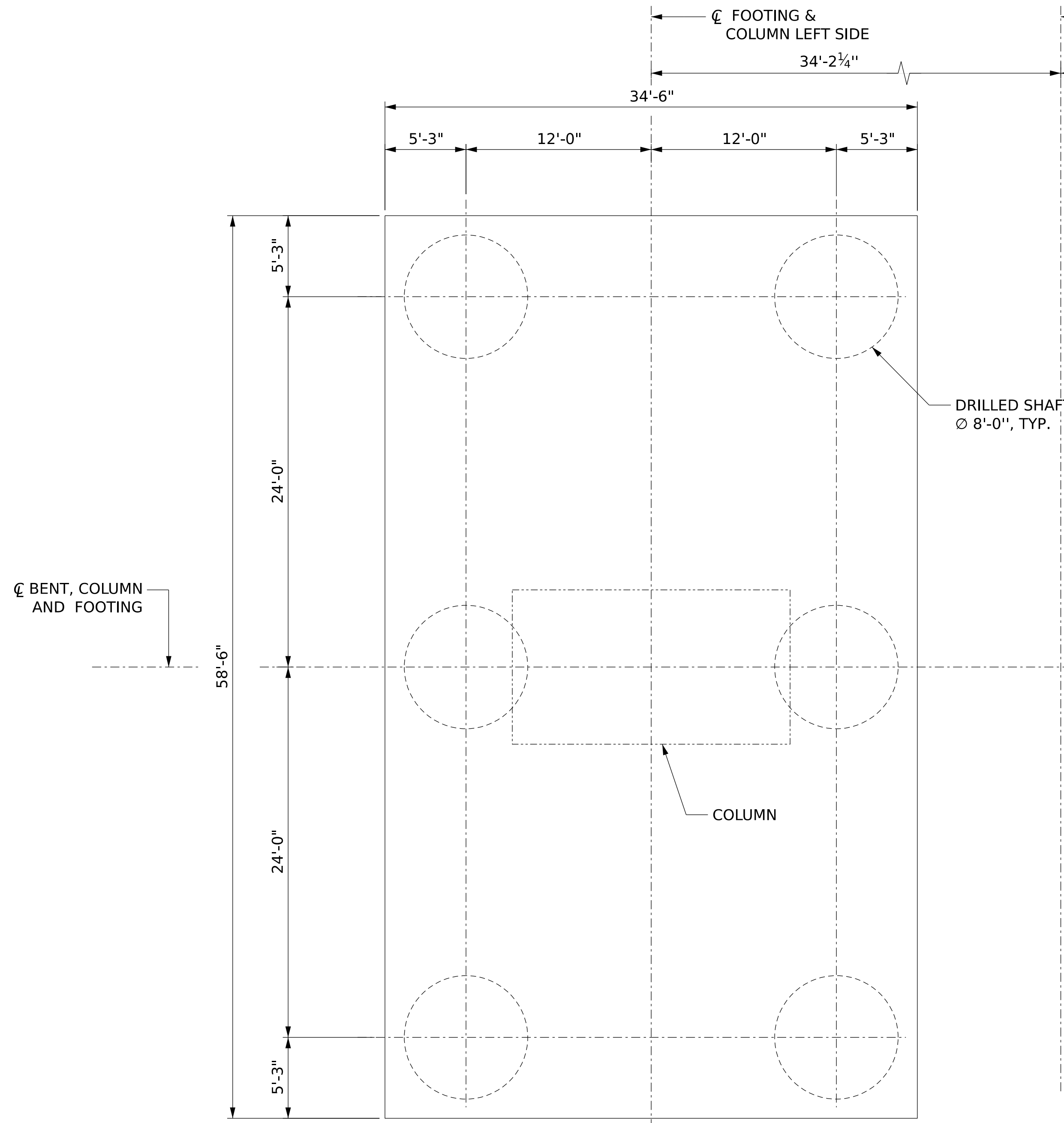
SHEET TITLE
MOBILE RIVER BRIDGE
WEST HIGH LEVEL APPROACH
BENT 18 DETAILS (1 OF 2)

3:54:42 PM
7/31/2023
Scott Strednak MRB-S03-ST-30700.dgn

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ACIM-XXXX(XXX)	2023	S03-ST-30701

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

SHEET REFERENCE
0 1" 2"



FOOTING PLAN
SCALE: 3/16" = 1'-0"

ELEVATION
SCALE: 3/16" = 1'-0"
(LOOKING UPSTATION)

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ACCEPTED BY

BRIDGE ENGINEER DATE



REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP

DATE

PE STAMP

DATE

QR CODE

PROJECT LOGO

PLAN SUBMITTAL

BIN(S)

COUNTY(S)
MOBILE

DESIGNER: J. LIU DATE: 07/31/2023

BRIDGE SHEET NO. 17 OF 17

SHEET TITLE
MOBILE RIVER BRIDGE
WEST HIGH LEVEL APPROACH
BENT 18 DETAILS (2 OF 2)

3:55:02 PM 7/31/2023 Scott Strednak MRB-S03-ST-30701.dgn