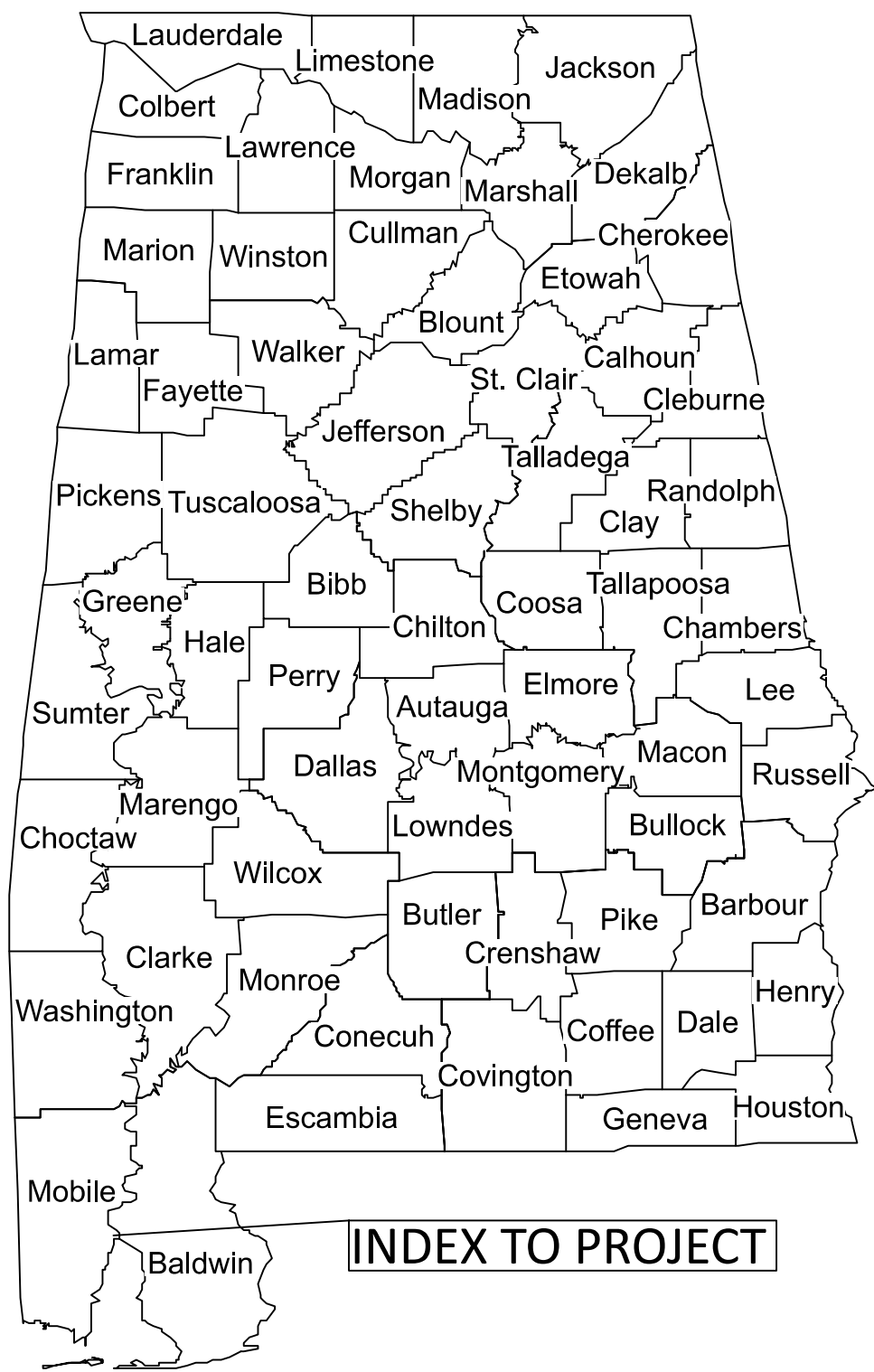




NOTE:
FOR DETAILED BRIDGE INFORMATION, PLEASE
REFER TO NEXT SHEET "BRIDGE LOCATION SHEET".

DESIGN EXCEPTIONS

I-10 BUSINESS EB AT THE WALLACE TUNNEL
WEST PORTAL TIE-IN (STA 6029+89.76)
LONGITUDINAL DOWNGRADE IS 6.10%
INSIDE AND OUTSIDE SHOULDERS WIDTHS ARE 1 FT

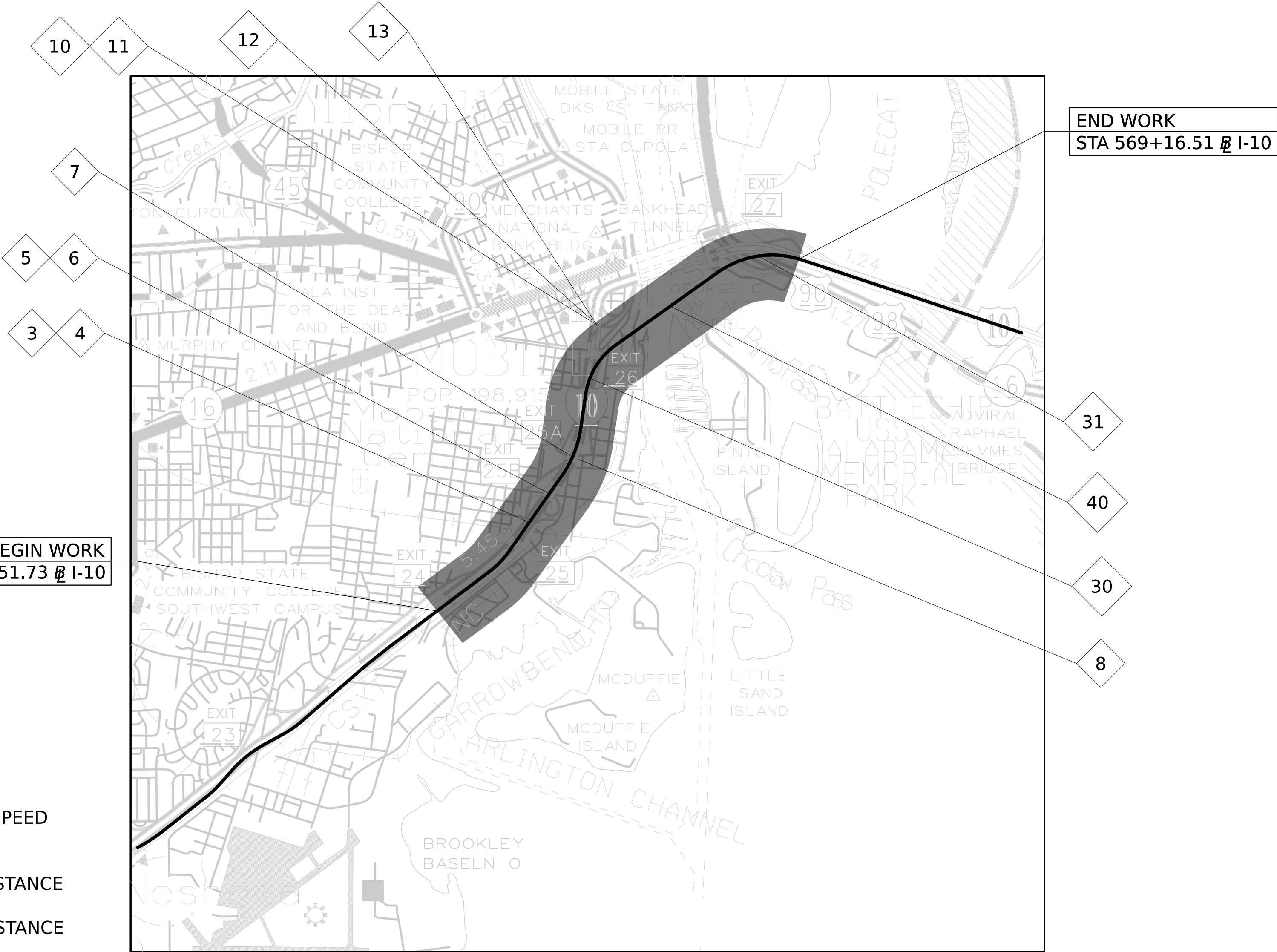
I-10 BUSINESS WB AT THE WALLACE TUNNEL
WEST PORTAL TIE-IN (STA 6029+83.50)
LONGITUDINAL UPGRADE IS 5.45%
INSIDE AND OUTSIDE SHOULDERS WIDTHS ARE 1 FT

I-10 AT TENNESSEE STREET; EB (STA 431+23 TO 442+61)
& WB (STA 438+05 TO 442+61)
VERTICAL STOPPING SIGHT DISTANCE MEETS 50 MPH DESIGN SPEED

I-10 WEST HIGH LEVEL APPROACH BRIDGE
EB (STA 485+24 TO 500+15); HORIZONTAL STOPPING SIGN DISTANCE
MEETS 60 MPH DESIGN SPEED
WB (STA 490+34 TO 508+09);HORIZONTAL STOPPING SIGN DISTANCE
MEETS 55 MPH DESIGN SPEED

I-10 EAST HIGH LEVEL APPROACH BRIDGE
EB (STA 541+07+24 TO 564+93); HORIZONTAL STOPPING SIGN DISTANCE
MEETS 60 MPH DESIGN SPEED

BEGIN WORK
STA 403+51.73 @ I-10



ALABAMA

DEPARTMENT OF TRANSPORTATION

PLANS OF PROPOSED PROJECT NUMBER

INFRA-I010(353)

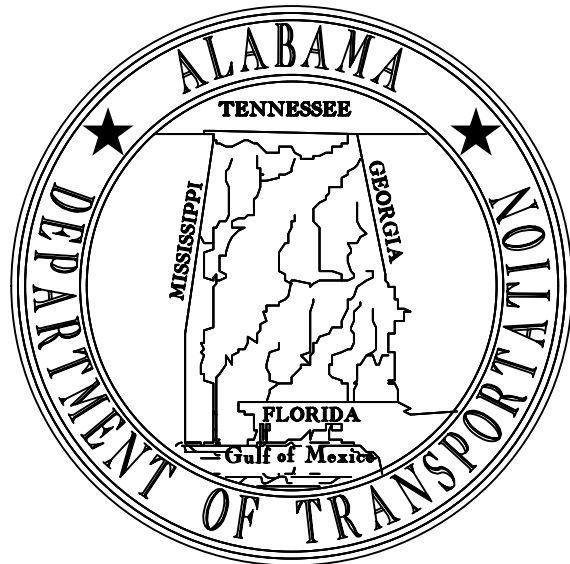
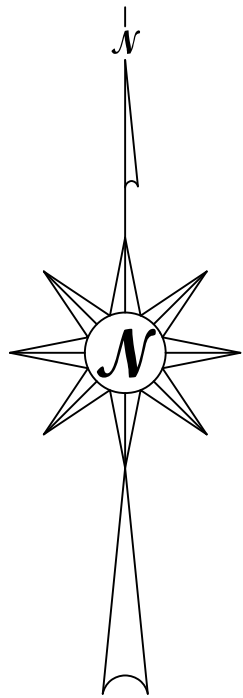
MOBILE RIVER BRIDGE PROJECT

90% DESIGN

PACKAGE NAME: I-10 WB & EB OVER SOUTH CAROLINA

MOBILE COUNTY

STATE	REFERENCE PROJECT NO	FISCAL YEAR
AL	INFRA-I010(353)	2025
CONTRACT ID NO		



ALABAMA DEPARTMENT OF TRANSPORTATION
Submitted for Approval:
STATE DESIGN ENGINEER
CHIEF ENGINEER
Approved:
TRANSPORTATION DIRECTOR



BRIDGE LOCATION SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
INFRA-I010(353)	2025	S01-GN-03002

Why are we skipping 9

7 I-10 BUS WB OVER TEXAS ST
8 I-10 BUS EB OVER TEXAS ST
10 I-10 BUS WB OVER CANAL ST & CLAIBORNE ST
11 I-10 BUS EB OVER CANAL ST & CLAIBORNE ST

REQUIRED BRIDGES

INDEX	ROADWAY	STA	TO	STA	LENGTH	BIN*	EFFECT
3	I-10 WB OVER SOUTH CAROLINA ST	441+97.54	-	443+73.54	176.00'	021820	NO EFFECT
4	I-10 EB OVER SOUTH CAROLINA ST	441+97.54	-	443+73.54	176.00'	021821	NO EFFECT
5	I-10 WB OVER VIRGINIA ST	452+48.39	-	454+48.39	200.00'	021822	NO EFFECT
6	I-10 EB OVER VIRGINIA ST	452+48.39	-	454+48.39	200.00'	021823	NO EFFECT
7	I-10 BUS WB OVER TEXAS ST	5980+39.82	-	5982+79.82	240.00'	021824	NO EFFECT
8	I-10 BUS EB OVER TEXAS ST	5980+69.51	-	5986+09.51	540.00'	021825	NO EFFECT
10	I-10 BUS WB OVER CANAL ST & CLAIBORNE ST	6012+96.00	-	6026+71.00	1375.00'	021827	NO EFFECT
11	I-10 BUS EB OVER CANAL ST & CLAIBORNE ST	6013+07.39	-	6026+69.00	1361.61'	021828	NO EFFECT
12	WATER ST WB OFF RAMP	1304+31.00	-	1309+64.19	533.19'	021829	NO EFFECT
13	WATER ST EB OFF RAMP	1206+26.00	-	1208+29.17	203.17'	021830	NO EFFECT
30	I-10 MAINLINE WEST HIGH LEVEL APPROACH	466+57.38	-	508+90.05	4232.67'	XXXXX	NO EFFECT
31	I-10 MAINLINE EAST HIGH LEVEL APPROACH	534+65.05	-	569+16.51	3451.46'	XXXXX	NO EFFECT
40	MAIN SPAN BRIDGE	508+90.05	-	534+65.05	2575.00'	XXXXX	NO EFFECT

TOTAL LENGTH = 15264.10'

TOTAL EFFECT =



ALABAMA
DEPARTMENT OF
TRANSPORTATION

A	JQA	06/16/2025	90% FINAL SUBMITTAL
REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP
DATE

PE STAMP
DATE

QR
CODE



PLAN SUBMITTAL
IFE

BIN(S)
COUNTY(S)

DESIGNER: _____	DATE: _____
BRIDGE SHEET NO. _____	OF _____

SHEET TITLE
BRIDGE LOCATION SHEET

INDEX OF SHEETS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
INFRA-I010(353)	2025	S01-GN-03003

	REV	DATE	SHEET NO	DESCRIPTION
*	B	06/16/2025	S01-GN-03001	TITLE SHEET
*	B	06/16/2025	S01-GN-03002	BRIDGE LOCATION PLAN SHEET
*	B	06/16/2025	S01-GN-03003	INDEX OF SHEETS
*	B	06/16/2025	S01-GN-03004	PROJECT ABBREVIATION SHEET
*	B	06/16/2025	S01-BR-03001	GENERAL NOTES (1 OF 2)
*	B	06/16/2025	S01-BR-03002	GENERAL NOTES (2 OF 2)
*	B	06/16/2025	S01-BR-03003	GENERAL PLAN AND ELEVATION
*	B	06/16/2025	S01-BR-03004	FOUNDATION LAYOUT
*	B	06/16/2025	S01-BR-03005	FOUNDATION LAYOUT DETAILS (WB)
*	B	06/16/2025	S01-BR-03006	FOUNDATION LAYOUT DETAILS (EB)
*	B	06/16/2025	S01-BR-03007	PILE DATA TABLE (1)
*	B	06/16/2025	S01-BR-03008	PILE DATA TABLE (2)
*	B	06/16/2025	S01-BR-03009	PILE DETAIL SHEET (1 OF 3)
*	B	06/16/2025	S01-BR-03010	PILE DETAIL SHEET (2 OF 3)
*	B	06/16/2025	S01-BR-03011	PILE DETAIL SHEET (3 OF 3)
*	B	06/16/2025	S01-BR-03012	SEQUENCE OF CONSTRUCTION
*	B	06/16/2025	S01-BR-03013	JOINT LAYOUT
*	B	06/16/2025	S01-BR-03014	SPAN 1 PLAN WB
*	B	06/16/2025	S01-BR-03015	SPAN 2 PLAN WB
*	B	06/16/2025	S01-BR-03016	SPAN 1 PLAN EB
*	B	06/16/2025	S01-BR-03017	SPAN 2 PLAN EB
*	B	06/16/2025	S01-BR-03018	SPAN 1 TYPICAL SECTION WB
*	B	06/16/2025	S01-BR-03019	SPAN 2 TYPICAL SECTION WB
*	B	06/16/2025	S01-BR-03020	SPAN 1 TYPICAL SECTION EB
*	B	06/16/2025	S01-BR-03021	SPAN 2 TYPICAL SECTION EB
*	B	06/16/2025	S01-BR-03022	SPAN BILL OF REINFORCEMENT
*	B	06/16/2025	S01-BR-03023	LIGHT PEDESTAL DETAILS
*	B	06/16/2025	S01-BR-03024	FIB 36 EDGE BEAM DETAILS (1)
*	B	06/16/2025	S01-BR-03025	FIB 36 EDGE BEAM DETAILS (2)
*	B	06/16/2025	S01-BR-03026	FIB 36 DETAILS (1)
*	B	06/16/2025	S01-BR-03027	FIB 36 DETAILS (2)
*	B	06/16/2025	S01-BR-03028	SKEWED GIRDER END DETAILS
*	B	06/16/2025	S01-BR-03029	GIRDER SCHEDULE (1)
*	B	06/16/2025	S01-BR-03030	GIRDER SCHEDULE (2)
*	B	06/16/2025	S01-BR-03031	INCREMENTAL DECK ELEVATIONS
*	B	06/16/2025	S01-BR-03032	BEARING DETAILS
*	B	06/16/2025	S01-BR-03033	ABUTMENT 1 WB
*	B	06/16/2025	S01-BR-03034	ABUTMENT 1 EB
*	B	06/16/2025	S01-BR-03035	ABUTMENT 3 WB
*	B	06/16/2025	S01-BR-03036	ABUTMENT 3 EB
*	B	06/16/2025	S01-BR-03037	MSC ABUTMENT DETAILS
*	B	06/16/2025	S01-BR-03038	ABUTMENT REINFORCING
*	B	06/16/2025	S01-BR-03039	BENT 2 WB
*	B	06/16/2025	S01-BR-03040	BENT 2 EB
*	B	06/16/2025	S01-BR-03041	BENT DETAILS
*	B	06/16/2025	S01-BR-03042	BENT REINFORCING
*	B	06/16/2025	S01-BR-03043	PEDESTAL AND SKID BLOCK DETAILS
*	B	06/16/2025	S01-BR-03044	TEST BORING RECORD SHEET
*	B	06/16/2025	S01-BR-03045	TEST BORING RECORD SHEET
*	B	06/16/2025	S01-BR-03046	TEST BORING RECORD SHEET
*	B	06/16/2025	S01-BR-03047	CPT RECORD SHEET
*	B	06/16/2025	S01-BR-03048	RID TEST BORING RECORD SHEET
*	B	06/16/2025	S01-BR-03049	RID TEST BORING RECORD SHEET
*	B	06/16/2025	S01-BR-03050	RID TEST BORING RECORD SHEET
*	B	06/16/2025	S01-BR-03051	RID TEST BORING RECORD SHEET
*	B	06/16/2025	S01-BR-03052	RID TEST BORING RECORD SHEET
*	B	06/16/2025	S01-BR-03053	RID TEST BORING RECORD SHEET
*	B	06/16/2025	S01-BR-03054	RID TEST BORING RECORD SHEET
*	B	06/16/2025	S01-BR-03055	RID TEST BORING RECORD SHEET
*	B	06/16/2025	S01-BR-03056	RID TEST BORING RECORD SHEET
*	B	06/16/2025	S01-BR-03057	RID CPT RECORD SHEET

[illegible]

 ALABAMA DEPARTMENT OF TRANSPORTATION	A	JQA	02/21/2025	60% INTERIM SUBMITTAL	PE STAMP DATE	PE STAMP DATE	QR CODE 000000000000	  	PLAN SUBMITTAL	BIN(S)	DESIGNER: <u>JQA</u> DATE: _____	SHEET TITLE MOBILE RIVER BRIDGE I-10 WB & EB OVER SOUTH CAR ST INDEX OF SHEETS
	B	JQA	06/16/2025	90% FINAL SUBMITTAL						021820 (WB) 021821 (EB)		
									COUNTY(S)	BRIDGE SHEET NO. _____ OF _____		
									MOBILE			
	REV. NO.	BY	DATE	DESCRIPTION OF REVISION					90% SUBMITTAL			

PLANS ABBREVIATIONS SHEET										REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO	
										INFRA-I010(353)	2025	S01-GN-03004	
ABANDON(ED).....	ABAN	DOUBLE BARREL CULVERT.....	CD	KILOMETERS PER HOUR.....	KPH	RADIUS.....	R	SYMMETRICAL.....	SYM	THICKNESS	THK	CONGESTION	ENGINEER OF RECORD.....
ABUTMENT.....	ABUT	DRAINAGE AREA.....	DA	LANE.....	LN	RAILROAD.....	RR	TANGENT.....	TAN	ENGINEER OF RECORD	EOR		
ACCELERATION.....	ACCL	DRIVE.....	DR	LATITUDE.....	LAT	RANGE.....	RGE	TANGENT LENGTH (CURVE DATA).....	T	CONGESTION	ITS		
ACQUIRED.....	ACQD	DROP INLET.....	DI	LEFT.....	LT	RECORD.....	REC	TANGENT TO SPIRAL.....	TS	CLOSED CIRCUIT TELEVISION	CCTV		
ACRE.....	AC	EACH.....	EA	LEFT AHEAD.....	LA	REDUCTION.....	RED	TEMPORARY.....	TEMP	DYNAMIC MESSAGE SIGN	DMS		
AHEAD.....	AH	EASEMENT.....	ESMT	LEFT BACK.....	LB	REFERENCE.....	REF	TEMPORARY BENCH MARK.....	TBM	HIGH LEVEL APPROACH	HLA		
ALABAMA.....	AL	EAST.....	E	LENGTH OF CURVE.....	L	REFERENCE POINT.....	RP	THROAT.....	TH	INTELLIGENT TRANSPORTATION SYSTEM(S)	ITS		
ALABAMA DEPARTMENT OF TRANSPORTATION.....	ALDOT	EAST BOUND ROADWAY.....	EBR	LINK.....	LK	REFERENCE POINT FOR POINT ON TANGENT.....	RPPOT	TOWNSHIP.....	TSHP	PULL BOX	PBB		
ALTERNATE.....	ALT	EDGE OF PAVEMENT.....	EP	LIMIT.....	LIM	REINFORCED.....	REINF	TRIPLE.....	TR	PAN TILT ZOOM.....	PTZ		
APPROXIMATE(LY).....	APP	ELEVATION.....	EL	LINEAR.....	LIN	REINFORCED CONCRETE.....	RC	TRIPLE BARREL CULVERT.....	CT	SECONDARY FIBER DISTRIBUTION UNIT	SFDU		
AREA.....	A	END OF RETURN.....	ER	LINEAR FEET.....	LIN FT	REINFORCED CONCRETE DECK GIRDER.....	RCDG	TURN OUT.....	TO	THE INFRA-RED TRAFFIC LOGGER	TIRTL		
ASPHALT.....	ASP	END ANCHOR.....	E/A	LOCK-UP DEVICE.....	LUD	REINFORCED CONCRETE PIPE.....	RCP	TURNING POINT.....	TP	TRANSPORTATION MANAGEMENT CENTER	TMC		
AVERAGE ANNUAL DAILY TRAFFIC.....	AADT	END OF PROJECT.....	EOB	LONGITUDE.....	LONG	REINFORCING STEEL.....	REINF STL	TYPE.....	TY	PRIMARY FIBER DISTRIBUTION UNIT.....	PFDU		
BACK.....	BK	EQUATION.....	EQ	MANHOLE.....	MH	RELOCATE.....	RELC	UNIT.....	U	UTILITIES			
BACK OF GUARDRAIL.....	BK-GR	EROSION CONTROL PRODUCTS.....	ECP	MARKER.....	MRK	REMOVE.....	REM	UNKNOWN.....	UNK	ANCHOR WIRE.....	AW	CONGESTION	ENGINEER OF RECORD.....
BACKSIGHT.....	BS	EXCAVATION.....	EXCAV	MAXIMUM.....	MAX	REQUIRED.....	REQD	UNPAVED.....	UNPVD	BURIED ELECTRIC.....	BE		
BARBED WIRE.....	B/W	EXISTING.....	EX	MEAN HIGH WATER.....	MHW	RETAIN(ING).....	RET	VALLEY GUTTER.....	VG	BURIED FIBER OPTIC.....	BFO		
BARREL.....	BBL	EXPANSION.....	EXP	MEAN LOW WATER.....	MLW	REVERSE CROWN.....	RC	VARIABLE.....	VAR	BURIED TELEPHONE CABLE.....	BTC		
BARRIER.....	BAR	EXTENSION.....	EXT	MEASUREMENT.....	MEAS	REVISION.....	REV	VERTICAL.....	VERT	BURIED CABLE TELEVISION.....	BTV		
BASE LINE.....	BL	EXTERNAL.....	E	MEDIAN.....	MED	RIGHT.....	RT	VERTICAL CURVE.....	VC	CAST IRON.....	CI		
BEARING.....	BRNG	EXTRA STRENGTH.....	EXT STR	METER.....	M	RIGHT AHEAD.....	RA	VERTICAL POINT OF CURVATURE.....	PVC	CIRCUIT.....	CKT		
BEGIN.....	BEG	FEET.....	FT	MERIDIAN.....	MER	RIGHT BACK.....	RB	VERTICAL POINT OF INTERSECTION.....	PVI	DUCTILE IRON.....	BUC IRON		
BEGINNING OF PROJECT.....	BOP	FILL.....	F	MILE POST.....	MP	RIGHT OF WAY.....	ROW	VERTICAL POINT OF TANGENCY.....	PVT	EASEMENT.....	ESMT		
BETWEEN.....	BTW	FILTER BLANKET.....	FLT BLNK	MILES.....	MI	RIGHT OF WAY MARKER.....	ROWM	VITRIFIED.....	VIT	FIBER OPTIC.....	FO		
BILLBOARD.....	BBD	FINISHED GRADE.....	FG	MILES PER HOUR.....	MPH	RIVER.....	RIV	VOLUME.....	VOL	FIRE HYDRANT.....	FH		
BENCH MARK.....	BM	FINISHED SURFACE.....	FS	MILLIMETER.....	MM	ROAD.....	RD	WEST.....	W	FORCED MAIN (SANITARY SEWER).....	FM		
BITUMINOUS.....	BIT	FISCAL YEAR.....	FY	MINIMUM.....	MIN	ROADWAY.....	RDWY	WEST BOUND ROADWAY.....	WBR	GAS MAIN.....	GM		
BITUMINOUS COATED CORRUGATED METAL PIPE.....	BCCMP	FIXED.....	FIX	MONUMENT.....	MON	SECTION.....	SEC	WING WALL.....	WW	GAS METER.....	GMET		
BOUNDARY.....	BDY	FLAT BOTTOM.....	FB	MULTIPLE.....	MULT	SERVICE ROAD.....	SER RD	WITNESS CORNER.....	WC	GAS VALVE.....	GV		
BRIDGE.....	BRG	FLOW LINE.....	FL	NORMAL.....	NO	SHEET.....	SHT	WOOD.....	WD	GUY WIRE.....	GUY		
BRIDGE END SLAB.....	BES	FORESIGHT OR FRONTSIGHT.....	FST	NORMAL CROWN.....	NC	SHEET PILING.....	SHT PILE	WORKING POINT.....	WP	HIGH PRESSURE.....	HP		
CAPACITY.....	CAPY	FRACTIONAL.....	FRAC	NORMAL CROWN SLOPE.....	NCS	SHOULDER.....	SHLD	WOVEN WIRE.....	W/W	KILOVOLT AMPS.....	KVA		
CAST IRON.....	CI	FULL SUPERELEVATION.....	FS	NORTH.....	N	SIDE DRAIN.....	SD	YARD.....	YD	MANHOLE.....	MH		
CAST IN PLACE.....	CIP	GALLON.....	GAL	NORTH BOUND ROADWAY.....	NBR	SIDEWALK.....	SW	NUMBER OF STORIES.....	1, 2, 3, 4	MERCURY VAPOR LIGHT.....	MVL		
CATCH BASIN.....	CB	GASOLINE PUMPS.....	GPP	NORTHING-EASTING.....	NE	SIGHT DISTANCE.....	S DIST	FRAME.....	FR	OVERHEAD FIBER OPTIC.....	OFO		
CENTERLINE.....	CL	GARAGE.....	GAR	NOT IN CONTRACT.....	NIC	SINGLE BARREL CULVERT.....	CS	BUILDING.....	BLDG	OVERHEAD TELEPHONE CABLE.....	OTC		
CHAIN LINK.....	C/L	GAUGE.....	GA	NOT TO SCALE.....	NTS	SKEW.....	SK	BLOCK.....	BLK	OVERHEAD ELECTRIC CABLE.....	OE		
CLASS.....	CLS	GIRDER.....	GDR	NUMBER.....	NO	SLOPE STAKE.....	SST	BRICK.....	BR	OVERHEAD CABLE TELEVISION.....	OTV		
CONCRETE.....	CONC	GOVERNMENT.....	GOV	OBSERVATION.....	OBS	SOLID SODDING.....	SOL SOD	STUCCO.....	STU	PAIR.....	PR		
CONNECTION.....	CONN	GRASS.....	GRS	ON CENTER.....	OC	SOUTH.....	S	METAL.....	MET	PEDESTAL.....	PED		
CONSTRUCTION LIMITS.....	CONST LIM	GRADE CHANGE.....	GC	ORIGINAL.....	ORIG	SOUTHBOUND ROADWAY.....	SBR	RESIDENCE.....	RES	POLY-VINYL CHLORIDE PIPE.....	PVC		
CORNER.....	COR	GRADE POINT.....	GP	OVERHAUL.....	OH	SPECIAL.....	SP	BUSINESS.....	BUS	POWER POLE.....	PP		
CORRECTION.....	CORR	GRADE ROD.....	GRD	OVERHEAD.....	OHD	SPECIAL DITCH.....	SP-DT	WAREHOUSE.....	WHSE	SANITARY SEWER.....	SS		
CORRUGATED IRON.....	CORI	GRAVEL.....	GRV	OUT TO OUT.....	OO	SPECIAL DITCH LEFT.....	SDL	CHICKEN HOUSE.....	CH HSE	SERVICE.....	SERV		
CORRUGATED METAL.....	CM	GUARDRAIL.....	GR	PAINT.....	PNT	SPECIAL DITCH MEDIATE.....	SDM	CHURCH.....	CH	STEEL.....	STL		
CORRUGATED METAL PIPE.....	CMP	HEADWALL.....	HDWL	PAVED.....	PVD	SPECIAL DITCH RIGHT.....	SDR	SCHOOL.....	SCH	STORM DRAIN.....	STM		
CORRUGATED PLASTIC PIPE.....	CPP	HECTARE.....	HA	PAVED SHOULDER.....	PVD SH	SPECIAL DRAWING.....	SP-DWG	DOUBLE WIDE MOBILE HOME.....	DW MH	STORM SEWER.....	STMS		
COUNTY.....	CO	HIGH WATER MARK.....	HWM	PAVEMENT.....	PVMT	SPECIFICATIONS.....	SPEC	MOBILE HOME.....	MH	SWITCH.....	SW		
COUNTY ROAD.....	CO-RD	HEIGHT.....	HT	PIPE END TREATMENT.....	PET	SPRING LINE.....	SL	TELEPHONE.....	TEL	TELEPHONE.....	TEL		
CREEK.....	CK	HEIGHT OF INSTRUMENT.....	HI	PIPE ENTERING CULVERT.....	PEC	SPIRAL TO CURVE.....	SC	TELEPHONE MANHOLE.....	TMH	TRANSFORMER.....	TRAN		
CROSS SECTION.....	X-SECT	HIGH WATER.....	HW	PLATE GIRDER.....	P GDR	SPIRAL POINT OF INTERSECTION.....	SPI	TRANSFORMATION.....	TR LN	TRANSMISSION LINE.....	TR LN		
CROWN REMOVED.....	CR	HIGHWAY.....	HWY	POINT OF BEGINNING.....	POB	SPIRAL TO TANGENT.....	ST	TRIAIAL CABLE (SERVICE).....	TRIX	TRIAXIAL CABLE (SERVICE).....	TRIX		
CUBIC FEET.....	FT3 or CU FT	HOGWIRE.....	H/W	POINT OF COMPOUND CURVE.....	PCC	SQUARE.....	SQ	VITRIFIED CLAY PIPE.....	VCP	VITRIFIED CLAY PIPE.....	VCP		
CUBIC FEET PER SECOND.....	CFS	HORIZONTAL.....	HOR	POINT OF CURVATURE.....	PC	SQUARE FEET.....	FT2 or SQ YD	WATER MAIN.....	WM	WATER MAIN.....	WM		
CUBIC YARD.....	YD3 or CU YD	HUB & TACK.....	H&T	POINT OF REVERSE CURVATURE.....	PRC	SQUARE METERS.....	M2	WATER METER.....	WMET	WATER METER.....	WMET		
CUBIC METERS.....	M3	HYDRANT.....	HYD	POINT OF ENDING.....	POE	SQUARE YARDS.....	YD2 or SQ FT	WATER VALVE.....	WV	WATER VALVE.....	WV		
CULVERT.....	CULV	IMPACT ATTENUATOR.....	IA	POINT OF INTERSECTION.....	PI	STAKE.....	STK	DEED BOOK.....	DB	REAL PROPERTY BOOK.....	RP		
CULTIVATED.....	CULT	IN ACCORDANCE WITH.....	I/A/W	POINT OF TANGENCY.....	PT	STANDARD.....	STD	PLAT BOOK.....	PB	PLAT BOOK.....	PB		
CURB FACE.....	CF	IN PLACE.....	IN-PL	POINT ON CURVE.....	POC	STANDARD DRAWING.....	STD-DWG	MAP BOOK.....	MB	PAGE.....	PG		
CURB AND GUTTER.....	C&G	INCHES.....	IN	POUND.....	LB	STANDARD STRENGTH.....	STD STR	OFFICIAL RECORD.....	OR	CAPPED (TYPICAL PLASTIC SURVEYORS CAP).....	CAP		
CUT.....	C	INCLUDING.....	INCL	PRESENT.....	PRES	STATION.....	STA	ALUMINUM CAP.....	ALUM CAP	ALUMINUM CAP.....	ALUM CAP		
CURVE TO SPIRAL.....	CS	INCORPORATED.....	INC	PROFILE GRADE.....	PG	STATION & ELEVATION.....	S/E	BRASS CAP.....	BR CAP	BRASS CAP.....	BR CAP		
DECELERATION.....	DECEL	INSTRUMENT.....	INST	PROJECT.....	PROJ	STATION & OFFSET.....	SO	IRON PIPE.....	IP	IRON PIPE.....	IP		
DECLINATION.....	DECL	ISLAND.....	ISL	PROJECT CONTROL.....	PJC	STOPPING SIGHT DISTANCE.....	SSD	CRIMPED.....	CR	CRIMPED.....	CR		
DEGREE OF CURVE.....	D	JOINT.....	JT	PROPERTY LINE.....	PL	STREET.....	ST	REINFORCING STEEL.....	REBAR	REINFORCING STEEL.....	REBAR		
DENIED ACCESS.....	D/A	JUNCTION.....	JCT	PROPOSED.....	PROP	STRUCTURE.....	STR	CONCRETE MONUMENT.....	CM	CONCRETE MONUMENT.....	CM		
DEPARTURE.....	DEP	JUNCTION BOX.....	JB	QUADRUPLE.....	QUAD	SUB-GRADE.....	SG	DAMAGED.....	DAM	DAMAGED.....	DAM		
DIAMETER.....	DIA	KILOMETER.....	KM	QUADRUPLE BARREL CULVERT.....	CQ	SUPERELEVATION.....	SE, se or e	CHISELED X.....	CH"X"	CHISELED X.....	CH"X"		
DIRECTION.....	DIR	KILOMETER POST.....	KMP	QUANTITY.....	QUANT	SURVEY.....	SRV	HUB AND TACK.....	H&T	HUB AND TACK.....	H&T		
DISTANCE.....	DIST							HAIL AND BOTTLE TOP.....	H&BT	HAIL AND BOTTLE TOP.....	H&BT		
DOUBLE.....	DBL							PARKER-KALON (MASONARY NAILS).....	PK NAIL	PARKER-KALON (MASONARY NAILS).....	PK NAIL		
								FENCE POST.....	F-POST	FENCE POST.....	F-POST		
								RAILROAD IRON.....	RR IRON	RAILROAD IRON.....	RR IRON		
								COTTON SPINDLE.....	COT SP	COTTON SPINDLE.....	COT SP		
								ANGLE IRON.....	ANGLE IRON	ANGLE IRON.....	ANGLE IRON		

1. ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM (NAVD) 88.
2. THE ENVIRONMENTAL CLASSIFICATION FOR BOTH SUPERSTRUCTURE AND SUBSTRUCTURE IS EXTREMELY AGGRESSIVE.
3. STEEL REINFORCEMENT SHALL CONFORM TO ASTM A615, GRADE 60.
4. ALL CONCRETE 28 DAY STRENGTH SHALL BE 4,000 PSI UNLESS OTHERWISE NOTED.
5. PROVIDE 3/4" CHAMFERS ON ALL EXPOSED EDGES, UNLESS NOTED OTHERWISE.
6. ANTI-GRAFFITI COATING MUST BE PLACED ON ALL EXPOSED SURFACES OF PROPOSED WALLS AND ALL BRIDGE STRUCTURAL ELEMENTS INCLUDING THE MAIN SPAN BRIDGE AND HIGH LEVEL APPROACHES, FROM THE FINISHED GROUND SURFACE AT THE BASE OF THE ELEMENT TO A HEIGHT OF AT LEAST 10 FEET ABOVE THE FINISHED GROUND SURFACE. IN ADDITION, BRIDGE ABUTMENTS AND OUTWARD FACES OF EXTERIOR GIRDERS AT ABUTMENTS ONLY ARE TO BE COATED.

- 4 - REINFORCED CONCRETE ABUTMENTS 1 & 3 ON CONCRETE PILES AS PER BRIDGE SHEET NOS 3-10 & 32-37 & 42.
- 2 - REINFORCED CONCRETE BENT 2 ON CONCRETE PILE FOOTINGS AS PER BRIDGE SHEET NOS 3-11 & 39-43.
- 2 - 88'-0" PRESTRESSED CONCRETE FLORIDA-I 36 BEAM, SIMPLE SPAN, AS PER BRIDGE SHEET NOS 3, 13, 14, 16, 18, 20, 22, 24-30.
- 2 - 88'-0" PRESTRESSED CONCRETE FLORIDA-I 36 BEAM, SIMPLE SPAN, AS PER BRIDGE SHEET NOS 3, 13, 15, 17, 19, 21, 22, 24-30.

BRIDGE SPECIAL PROJECT DRAWINGS

TRAFFIC PROTECTION

BRIDGE SPECIAL PROJECT DWG NO TP-1

I CERTIFY THAT COMPLETE REVIEWS OF THE DESIGNER'S CALCULATIONS, CONTRACT STRUCTURAL DRAWINGS, APPLICABLE SPECIFICATIONS, AND SPECIAL PROVISIONS HAVE BEEN MADE BY COMPETENT ENGINEERS OF THIS ORGANIZATION, AND THAT THESE PLANS ARE ACCURATE, COMPLETE, AND SUITABLE FOR LETTING.

REGISTRATION NO. _____

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
INFRA-I010(353)	2025	S01-BR-03001

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

 ALABAMA DEPARTMENT OF TRANSPORTATION	A	JQA	02/21/2025	60% INTERIM SUBMITTAL	PE STAMP	PE STAMP	QR CODE	 Kiewit	 KIEWIT MASSMAN TRAYLOR A JOINT VENTURE	 VOLKERT	PLAN SUBMITTAL	BIN(S)	DESIGNER: <u>JQA</u> DATE: _____	SHEET TITLE
	B	JQA	06/16/2025	90% FINAL SUBMITTAL								021820 (WB) 021821 (EB)		
											COUNTY(S)	BRIDGE SHEET NO. 1 OF 57		
	REV. NO.	BY	DATE	DESCRIPTION OF REVISION							MOBILE			
											DATE	DATE		

MRB-S01-BR-03001.dgn

kirk.mcdonald

05:49 AM

6/26/2025

Concrete shall have Class II finish.

27. METAL STAY-IN-PLACE FORMS: THIS STRUCTURE HAS BEEN DESIGNED TO ALLOW THE USE OF METAL STAY-IN-PLACE FORMS AT THE CONTRACTOR'S OPTION. SEE SUB-ARTICLE 501.03 (I) OF THE SPECIFICATIONS FOR NECESSARY DETAILS AND REQUIREMENTS. NO FIELD WELDING WILL BE PERMITTED ON STRUCTURAL STEEL MEMBERS UNLESS OTHERWISE NOTED ON THE BRIDGE DRAWINGS. THE CONTRACTOR SHALL EXERCISE CARE WHEN INSTALLING STAY-IN-PLACE FORMS TO INSURE THAT NO FIELD WELDS OR ARC STRIKES OCCUR ON THE STRUCTURAL STEEL MEMBERS.

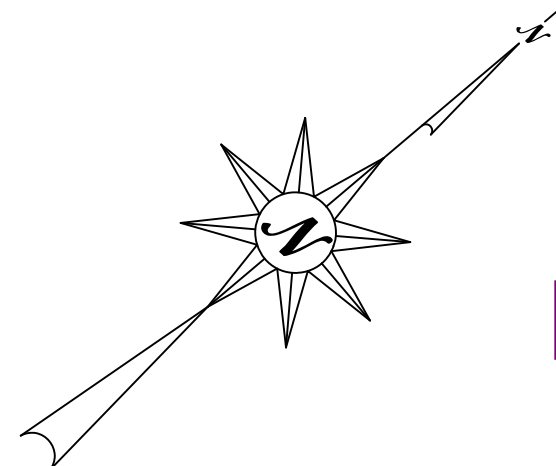
32. OLD BRIDGE REMOVAL: IN ADDITION TO THE SPECIFICATION REQUIREMENTS FOR REMOVING THE OLD BRIDGE, ANY OF THE EXISTING BRIDGE SUBSTRUCTURE THAT INTERFERES WITH THE CONSTRUCTION OF THE REQUIRED BRIDGE SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.

INFRA-I010(353)	2025	S01-BR-03002
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SHEET TITLE
MOBILE RIVER BRIDGE
I-10 WB & EB OVER SOUTH CAR ST
GENERAL NOTES (2 OF 2)

6/26/2025

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
INFRA-I010(353)	2025	S01-BR-03003



It isnt dark enough to be seen on my screen.

LEGEND

- S - SEWER LINE
- BFO - BURIED FIBER OPTIC
- EXISTING BRIDGE (TO BE REPLACED)
- REQUIRED FILL
- REQUIRED EXCAVATION

HORIZONTAL CURVE DATA

18 VIRGINIA ST RAMP B

PI STA 9003+42.697
Δ = 06°02'10" LT
D = 0°58'52" -53.3'
R = 6500.000
L = 684.761'
T = 342.697'
TANGENT DIRECTION AT PT = N 28°55'01" E

- NOTES:**
- FOR EXTERIOR BARRIER RAIL DETAILS, SEE BRIDGE SPECIAL PROJECT DRAWING NO BBR-1. FOR INTERIOR BARRIER RAIL DETAILS, SEE 54" SINGLE SLOPE BARRIER DETAILS SHEET.
 - FOR BRIDGE END SLAB DETAILS, SEE BRIDGE SPECIAL PROJECT DRAWING NO BES-450(I)BP. THE BRIDGE PLANS INCLUDE ADDITIONAL INTERIOR RAIL DETAILS THAT ARE INTENDED TO SUPERSEDE THE SPECIAL PROJECT DRAWING NO BES-450(I)BP. INTERIOR BARRIER RAILS SHALL BE 54" AND EXTEND FULL LENGTH AND MATCH ROADWAY PROFILE.
 - DECK DRAINS NOT SHOWN FOR CLARITY (SEE SPAN PLAN SHEETS FOR DECK DRAIN LAYOUT). OMIT DRAINS OVER TRAFFIC LANES, SIDEWALKS, UNPROTECTED SLOPE FILLS, WITHIN 10 FEET OF BRIDGE END.
 - EXISTING SUBSTRUCTURE ELEMENTS SHALL BE REMOVED 2 FT BELOW EXISTING GROUND.
 - ALL DECK EXPANSION JOINTS ARE OPEN JOINTS.
 - ABUTMENT SUPPORTED BY 16-INCH SQUARE PPC PILES.
 - BENT SUPPORTED BY 16-INCH SQUARE PPC PILES.
 - DIMENSIONS SHOWN ARE MEASURED ALONG C I-10.
 - FOR PILE TIP ELEVATIONS, SEE PILE DATA TABLE SHEET.
 - THE BIN OF THE EXISTING BRIDGE BEING REMOVED IS 14755.

Bridge widths are typically measured out to out and gutter to gutter on plans and elevation view

What is occurring to slope pavement beyond the limits of the bridge

show limits of slope pavement

do not show barrier as shown (filled in) Cannot see CL

Is it necessary to show this angle (Typ. throughout

General: Clean up the plan and elevation sheet to be able to view dimensions clearly. Attach clearer Topo file. All text should be oriented consistently Cannot differentiate between the different legend hatches on the views

show existing typ. section underneath bridge and verify if pier protection is required per TP 12.3.1.10

Where are the utilities and what is the disposition. (Typ.) throughout

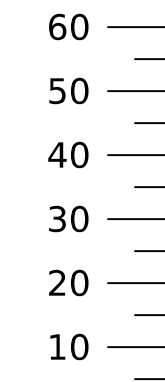
Label Jt. locations and type

Where are the location of the light pole pedestals Remove unnecessary lines.

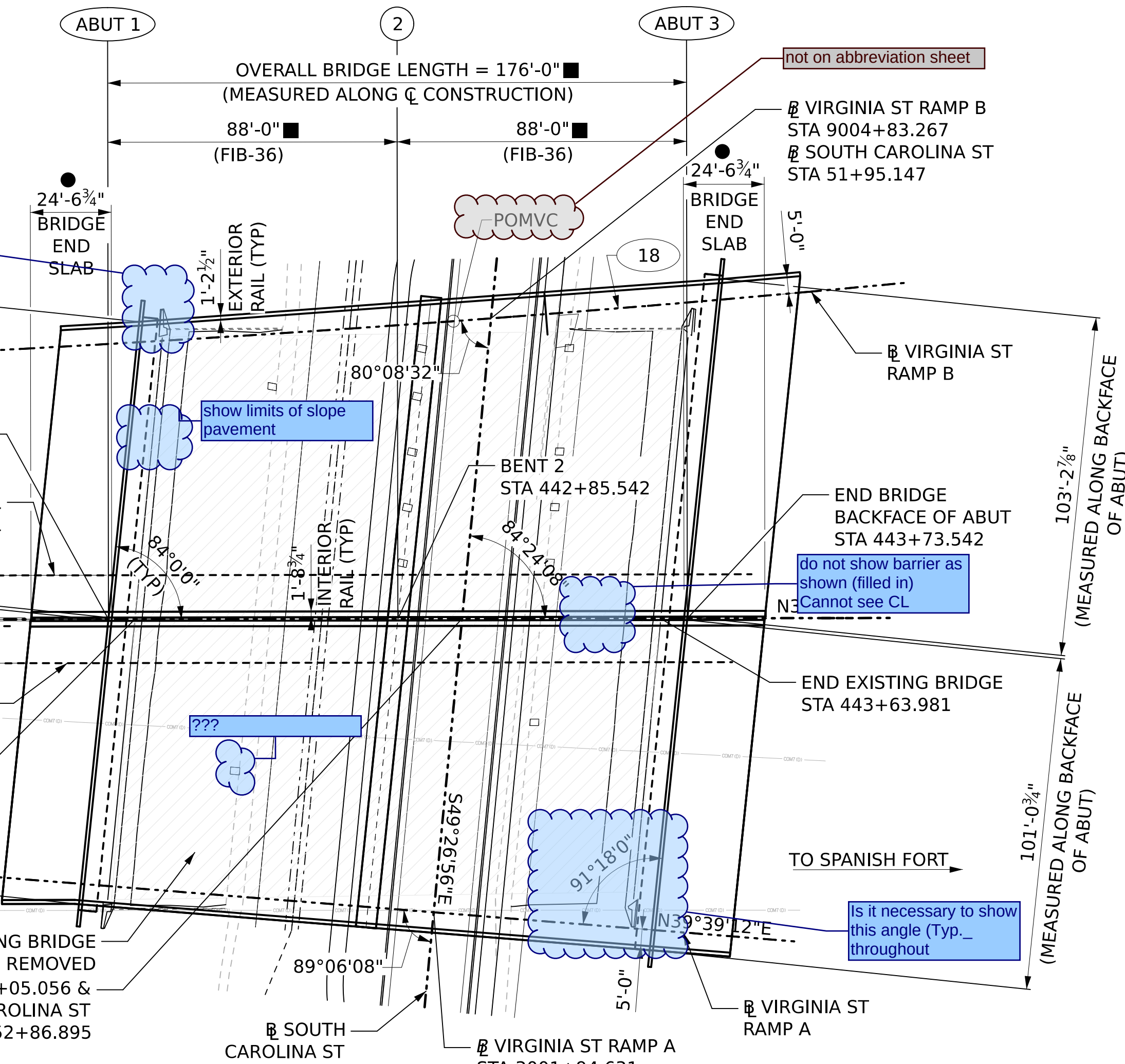
Why are there scales throughout the structures plans??

per TP 12.3.1.9 Bridge Deck Draonage scuppers are not allowed under certain conditions which are applicable to this bridge. See SBD-1

Refer to special sheet for the details

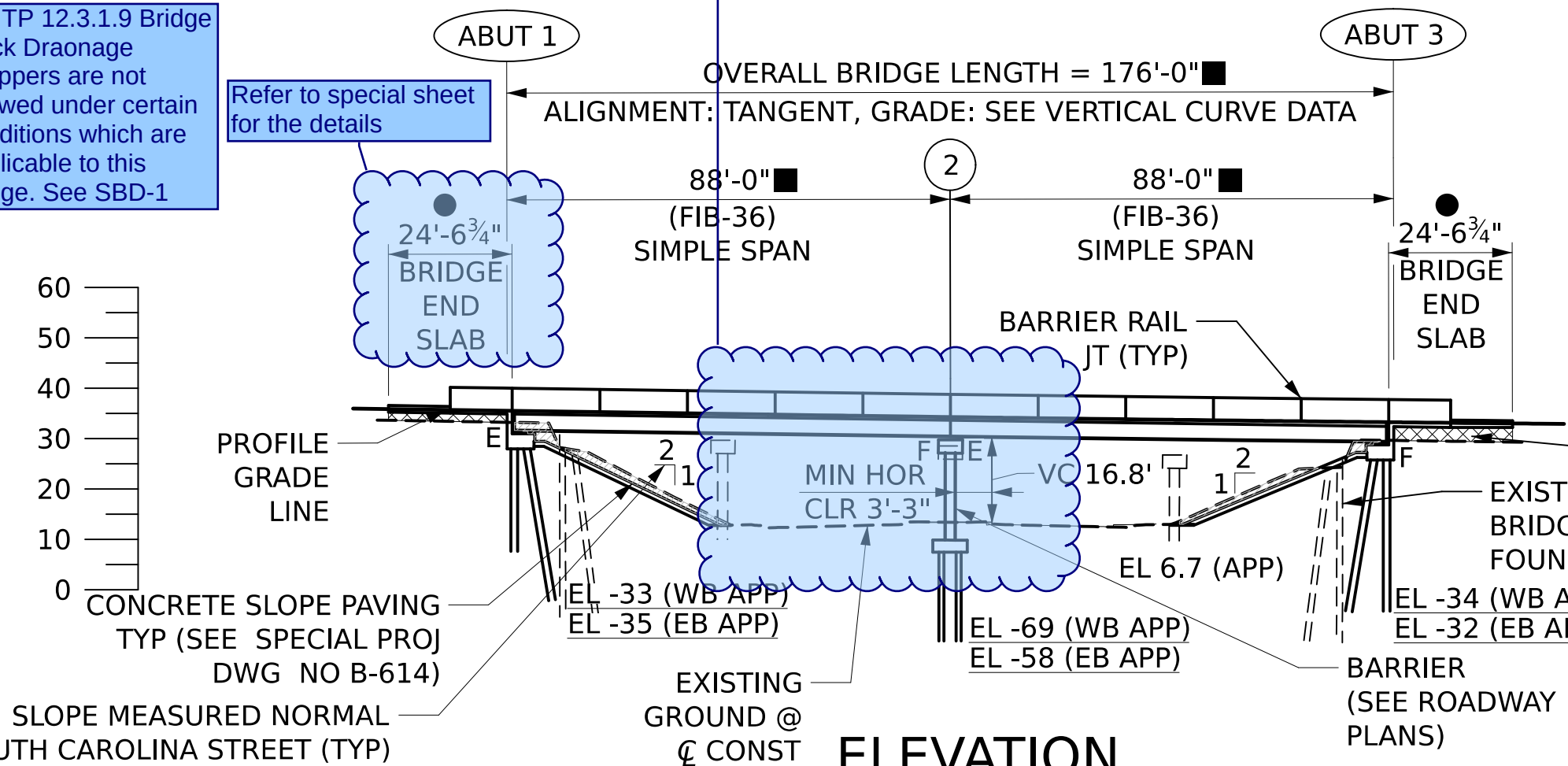


SLOPE MEASURED NORMAL TO SOUTH CAROLINA STREET (TYP)



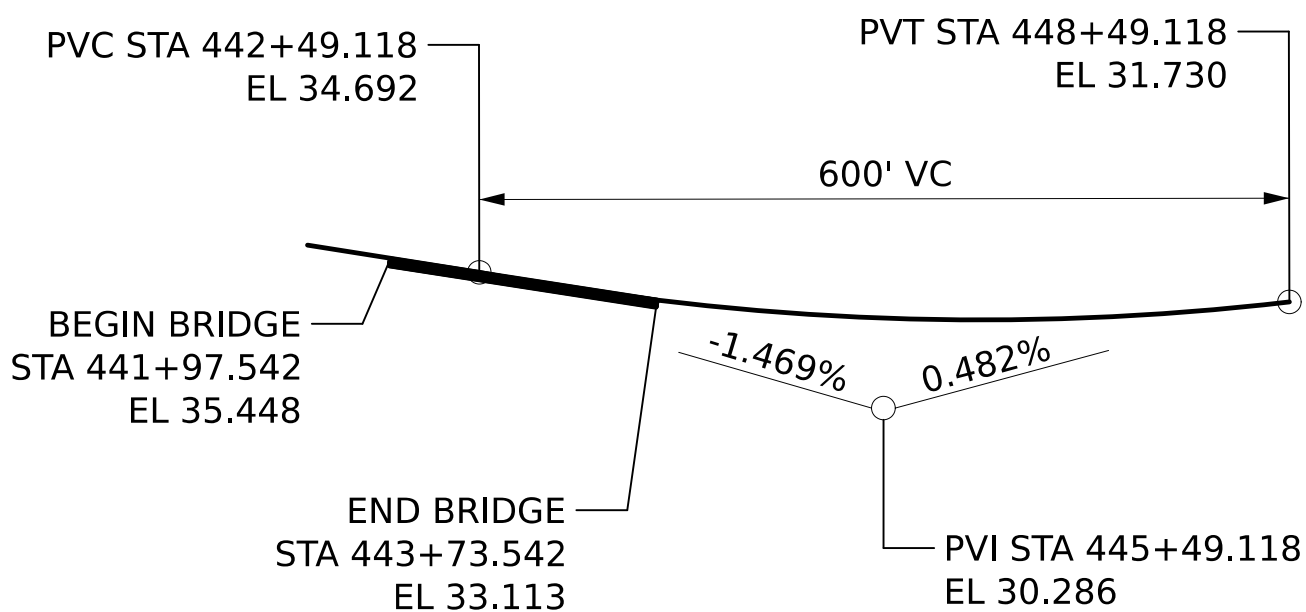
PLAN

SCALE: 1" = 30'-0"



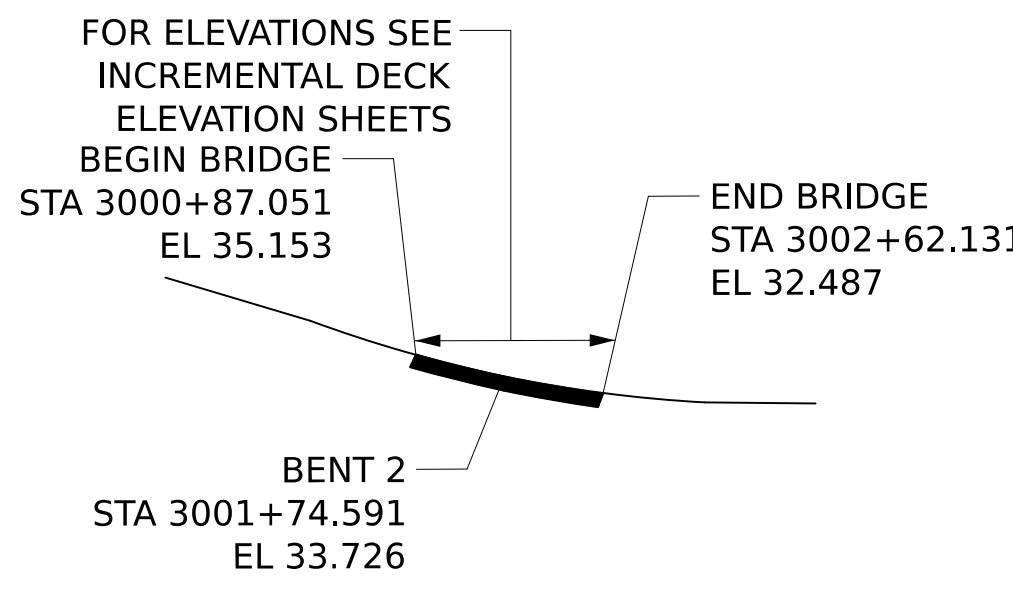
ELEVATION

SCALE: 1" = 30'-0"



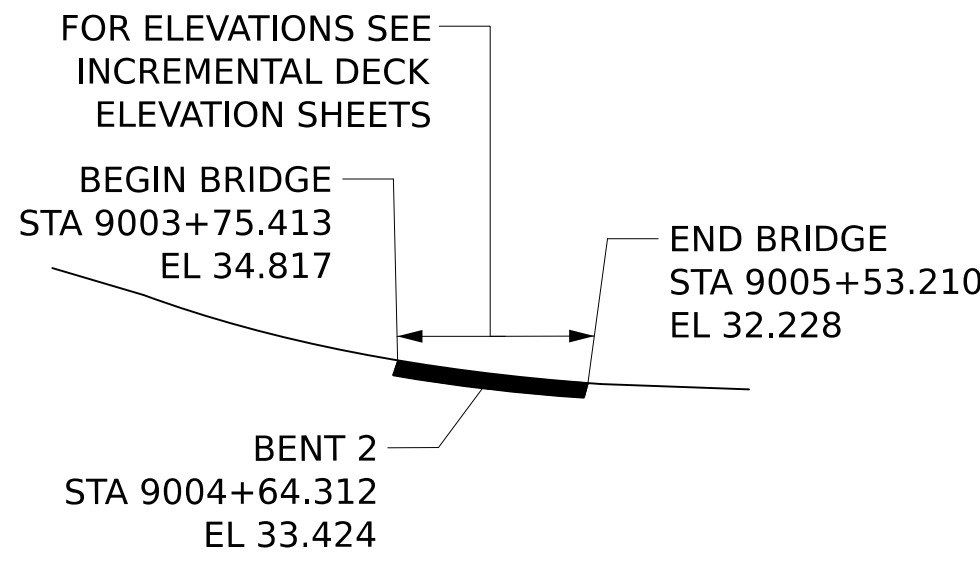
VERTICAL CURVE DATA
C CONSTRUCTION & I-10 MAINLINE

NTS



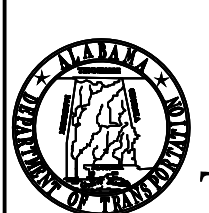
GRAPHIC GRADE
VIRGINIA STREET RAMP A

NTS



GRAPHIC GRADE
VIRGINIA STREET RAMP B

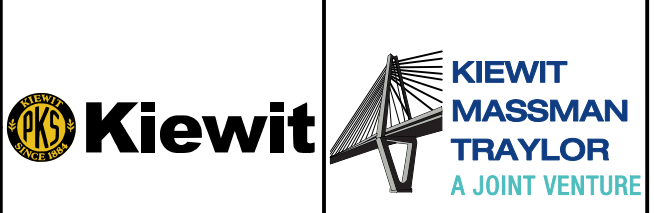
NTS



ALABAMA
DEPARTMENT OF
TRANSPORTATION

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
A	JQA	02/21/2025	60% INTERIM SUBMITTAL
B	JQA	06/16/2025	90% FINAL SUBMITTAL

PE STAMP	PE STAMP	QR CODE
DATE	DATE	

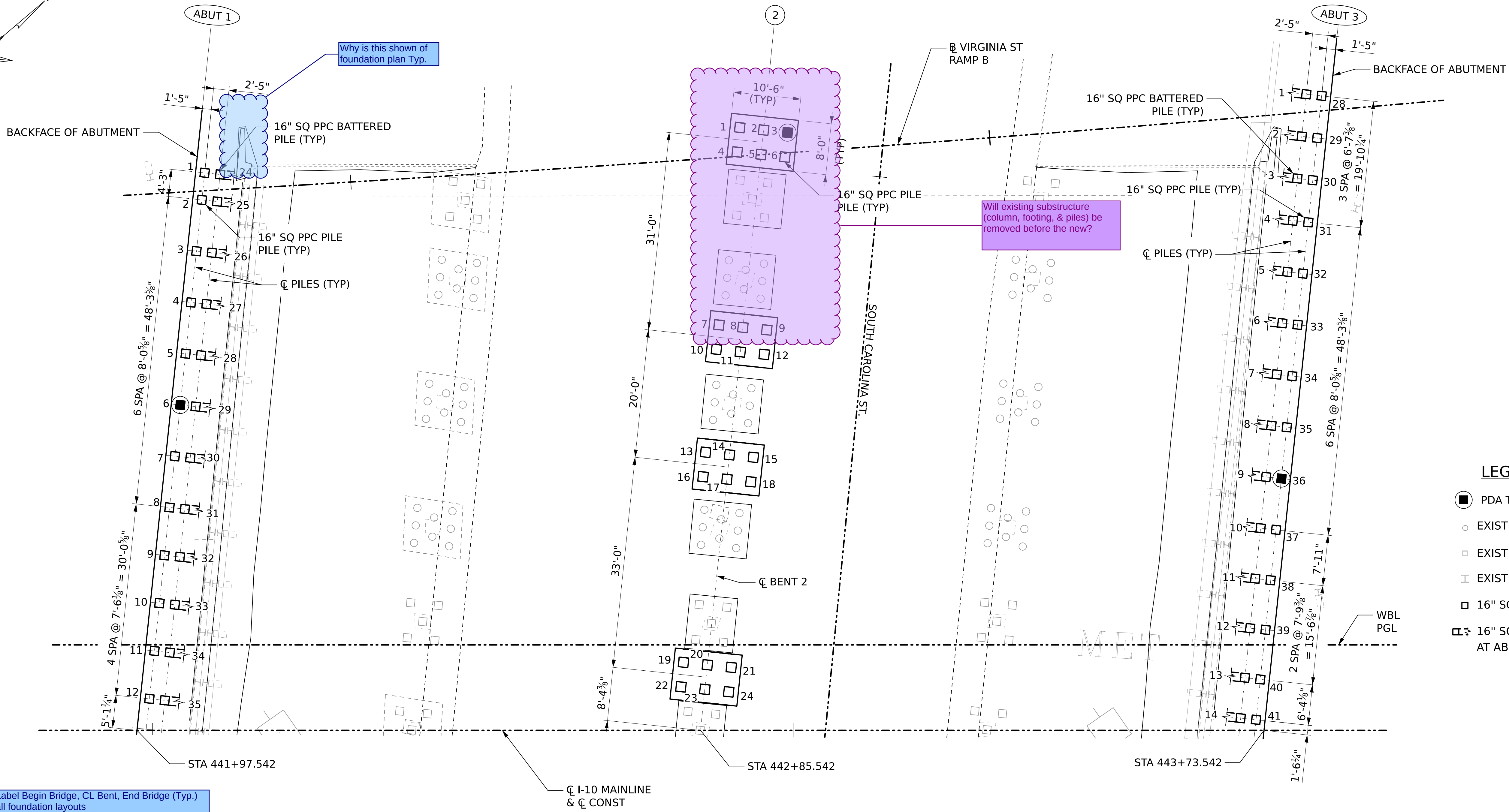
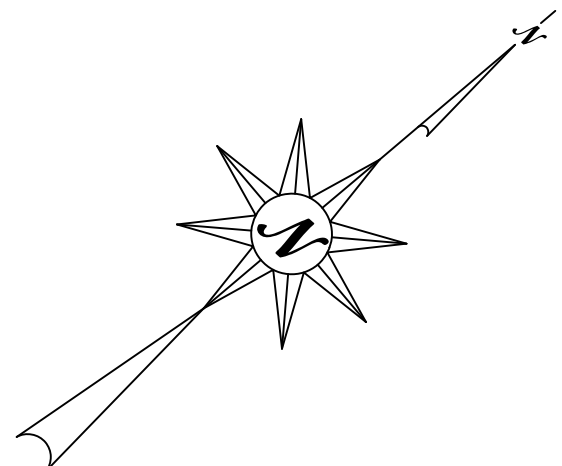


PLAN SUBMITTAL
90%

BIN(S)
021820 (WB) 021821 (EB)
COUNTY(S)
MOBILE

DESIGNER: JQA	DATE:
BRIDGE SHEET NO. 3	OF 57

SHEET TITLE
MOBILE RIVER BRIDGE
I-10 WB & EB OVER SOUTH CAR ST
GENERAL PLAN AND ELEVATION



- LEGEND**
- PDA TEST PILE
 - EXISTING UNKNOWN PILE TYPE
 - EXISTING 14" SQ PPC PILE
 - EXISTING 10" STEEL PILE
 - 16" SQ PPC PILE
 - ▤ 16" SQ PPC PILE BATTERED AT ABUTMENTS (1½:12)

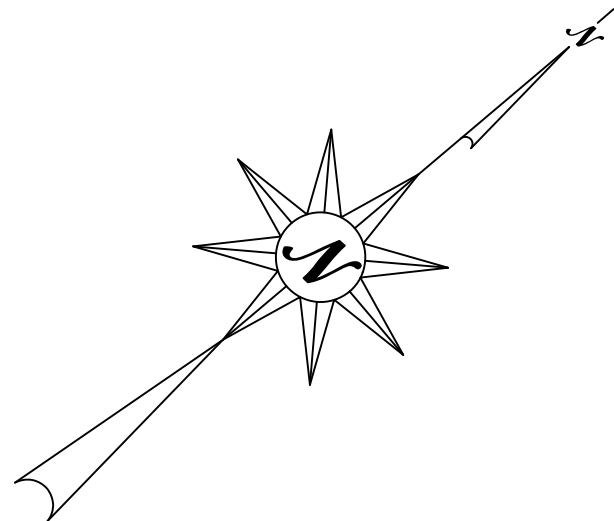
- NOTES**
- FOR PILE INSTALLATION NOTES AND CUTOFF ELEVATIONS, SEE PILE DATA TABLE SHEET.
 - FOR ABUTMENT PILE CAP DIMENSIONS SEE ABUTMENT 1 WB SHEET, ABUTMENT 3 WB SHEET, AND MSC ABUTMENT DETAILS SHEET.
 - ALL SPACINGS SHOWN ARE AT TOP OF PILE.

Label Begin Bridge, CL Bent, End Bridge (Typ.) all foundation layouts

See comments previous page

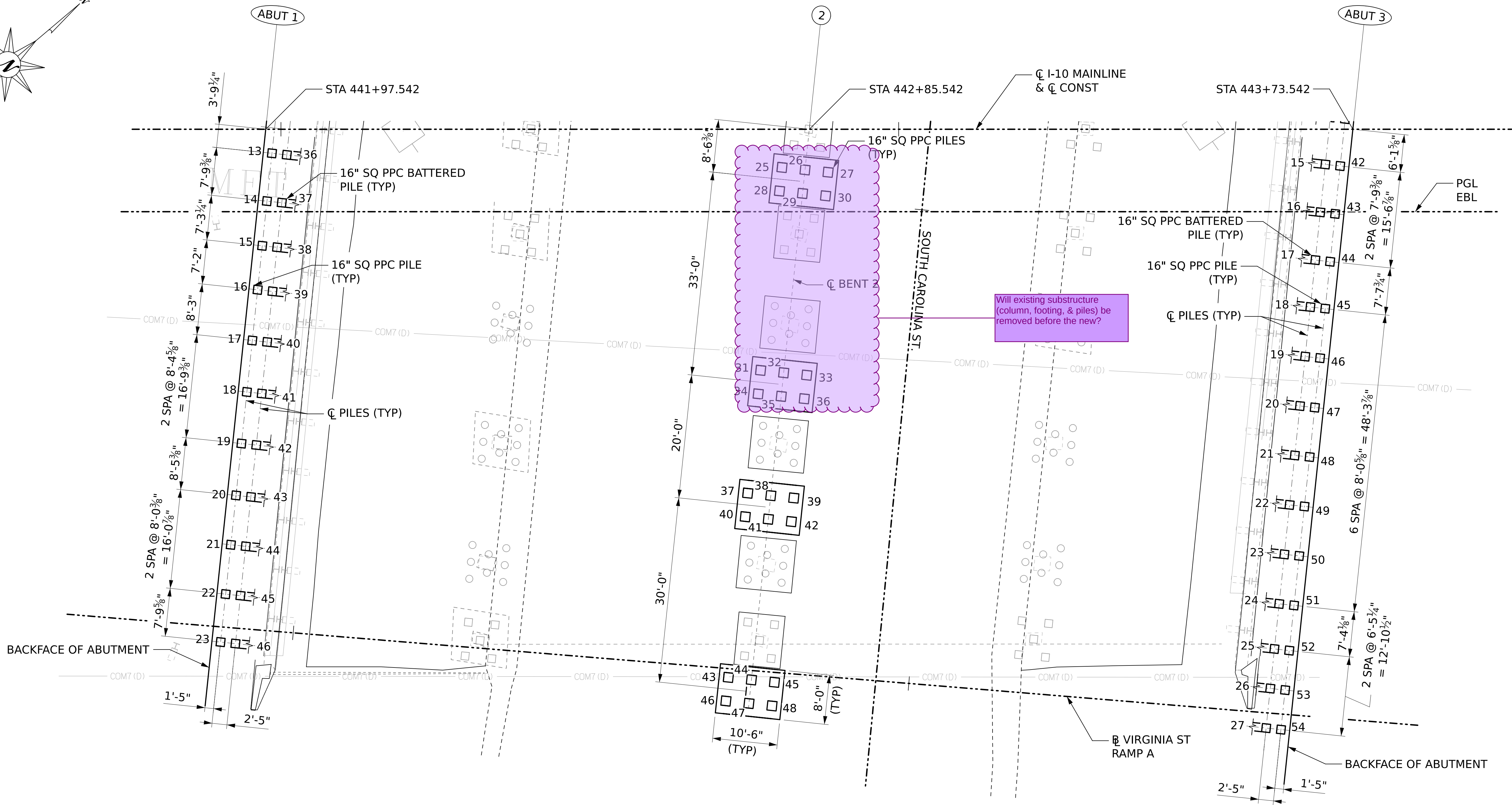
Tie Dimensions to CL Const, Is that the case? Comments on foundation layout plans apply to all sheets

WB PLAN
SCALE: 1" = 10'



REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
INFRA-I010(353)	2025	S01-BR-03006

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

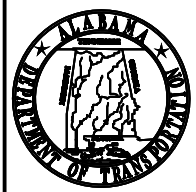


Remove unnecessary lines.

EB PLAN
SCALE: 1" = 10'

NOTES

- FOR PILE INSTALLATION NOTES AND CUTOFF ELEVATIONS, SEE PILE DATA TABLE SHEET.
- FOR ABUTMENT PILE CAP DIMENSIONS, SEE ABUTMENT 1 EB SHEET, ABUTMENT 3 EB SHEET, AND MSC ABUTMENT DETAILS SHEET.
- ALL SPACING SHOWN ARE AT TOP OF PILE.



ALABAMA
DEPARTMENT OF
TRANSPORTATION

A	JQA	02/21/2025	60% INTERIM SUBMITTAL
B	JQA	06/16/2025	90% FINAL SUBMITTAL
REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP
DATE

PE STAMP
DATE

QR
CODE



PLAN SUBMITTAL
90%

BIN(S)
021820 (WB) 021821 (EB)
COUNTY(S)
MOBILE

DESIGNER: JQA	DATE:
BRIDGE SHEET NO. 6	OF 57

SHEET TITLE
MOBILE RIVER BRIDGE I-10 WB & EB OVER SOUTH CAR ST FOUNDATION LAYOUT DETAILS EB

											REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
											INFRA-I010(353)	2025	S01-BR-03007
PILE DATA													
ABUT OR BENT NO	PILE NO	PILE SIZE	NOMINAL BEARING RESISTANCE (TONS)	FACTORED DESIGN LOAD (TONS)	CUT-OFF ELEV (FT)	EST PILE TIP ELEV (FT)	NO OF BATTERED PILING	NO OF VERTICAL PILING	PILE HEAD DOWELL CONNECTION REQUIREMENT	Ø COMPRESSION			
ABUT 1 - WB	1	16" SQ PPC	166	108	28.030	-38	0	1	4 - #4 DOWELS	0.65			
	2	16" SQ PPC			28.130	-38	0	1	4 - #4 DOWELS				
	3	16" SQ PPC			28.318	-38	0	1	4 - #4 DOWELS				
	4	16" SQ PPC			28.506	-38	0	1	4 - #4 DOWELS				
	5	16" SQ PPC			28.695	-38	0	1	4 - #4 DOWELS				
	6	16" SQ PPC			28.883	-38	0	1	4 - #4 DOWELS				
	7	16" SQ PPC			29.072	-38	0	1	4 - #4 DOWELS				
	8	16" SQ PPC			29.003	-38	0	1	4 - #4 DOWELS				
	9	16" SQ PPC			28.850	-38	0	1	4 - #4 DOWELS				
	10	16" SQ PPC			28.698	-38	0	1	4 - #4 DOWELS				
	11	16" SQ PPC			28.545	-38	0	1	4 - #4 DOWELS				
	12	16" SQ PPC			28.393	-38	0	1	4 - #4 DOWELS				
ABUT 1 - EB	13	16" SQ PPC	177	115	28.382	-40	0	1	4 - #4 DOWELS	0.65			
	14	16" SQ PPC			28.548	-40	0	1	4 - #4 DOWELS				
	15	16" SQ PPC			28.704	-40	0	1	4 - #4 DOWELS				
	16	16" SQ PPC			28.857	-40	0	1	4 - #4 DOWELS				
	17	16" SQ PPC			29.034	-40	0	1	4 - #4 DOWELS				
	18	16" SQ PPC			29.079	-40	0	1	4 - #4 DOWELS				
	19	16" SQ PPC			28.907	-40	0	1	4 - #4 DOWELS				
	20	16" SQ PPC			28.735	-40	0	1	4 - #4 DOWELS				
	21	16" SQ PPC			28.571	-40	0	1	4 - #4 DOWELS				
	22	16" SQ PPC			28.407	-40	0	1	4 - #4 DOWELS				
	23	16" SQ PPC			28.248	-40	0	1	4 - #4 DOWELS				
	ABUT 1 - WB	24			16" SQ PPC	166	108	28.030	-38		1	0	NOT REQUIRED
25		16" SQ PPC	28.130	-38	1			0	NOT REQUIRED				
26		16" SQ PPC	28.318	-38	1			0	NOT REQUIRED				
27		16" SQ PPC	28.506	-38	1			0	NOT REQUIRED				
28		16" SQ PPC	28.695	-38	1			0	NOT REQUIRED				
29		16" SQ PPC	28.883	-38	1			0	NOT REQUIRED				
30		16" SQ PPC	29.072	-38	1			0	NOT REQUIRED				
31		16" SQ PPC	29.003	-38	1			0	NOT REQUIRED				
32		16" SQ PPC	28.850	-38	1			0	NOT REQUIRED				
33		16" SQ PPC	28.698	-38	1			0	NOT REQUIRED				
34		16" SQ PPC	28.545	-38	1			0	NOT REQUIRED				
35		16" SQ PPC	28.393	-38	1			0	NOT REQUIRED				
ABUT 1 - EB	36	16" SQ PPC	177	115	28.382	-40	1	0	NOT REQUIRED	0.65			
	37	16" SQ PPC			28.548	-40	1	0	NOT REQUIRED				
	38	16" SQ PPC			28.704	-40	1	0	NOT REQUIRED				
	39	16" SQ PPC			28.857	-40	1	0	NOT REQUIRED				
	40	16" SQ PPC			29.034	-40	1	0	NOT REQUIRED				
	41	16" SQ PPC			29.079	-40	1	0	NOT REQUIRED				
	42	16" SQ PPC			28.907	-40	1	0	NOT REQUIRED				
	43	16" SQ PPC			28.735	-40	1	0	NOT REQUIRED				
	44	16" SQ PPC			28.571	-40	1	0	NOT REQUIRED				
	45	16" SQ PPC			28.407	-40	1	0	NOT REQUIRED				
	46	16" SQ PPC			28.248	-40	1	0	NOT REQUIRED				

Is this also the Required Driving Resistance? The plans need to clearly state what the Required Driving Resistance is for pile acceptance in the field.

Should the Geotechnical Design Report be referenced in the notes?

TP Table 10.4 lists the Final Geotechnical Design Report to be submitted "No later than the associated Final Design Submittal" associated with the GDR. This submittal is not complete until the Final GDR has been submitted.

NOTES:

- ALL UTILITIES LOCATIONS MUST BE VERIFIED PRIOR TO ANY PILE DRIVING.
- FOR PRECAST PRESTRESSED CONCRETE (PPC) PILE DETAILS, SEE PILE DETAILS SHEET.
- DOWNDRAG FORCES HAVE BEEN INCORPORATED INTO PILE LOADS AT THE ABUTMENTS.
- FOR TEST PILE LOCATIONS, SEE FOUNDATION LAYOUT SHEETS.
- TIP ELEVATIONS SHALL NOT BE ALTERED WITHOUT APPROVAL OF THE ENGINEER OF RECORD.
- NOMINAL BEARING RESISTANCE = FACTORED DESIGN LOAD / Ø.
- PILE INSTALLATION AND TOLERANCES SHALL BE IN ACCORDANCE WITH TP ATTACHMENT 10-1 AMENDED ALDOT STANDARD SPECIFICATION 505.01.

					PILE DATA										
ABUT OR BENT NO	PILE NO	PILE SIZE	NOMINAL BEARING RESISTANCE (TONS)	FACTORED DESIGN LOAD (TONS)	CUT-OFF ELEV (FT)	EST PILE TIP ELEV (FT)	NO OF BATTERED PILING	NO OF VERTICAL PILING	PILE HEAD DOWELL CONNECTION REQUIREMENT	Ø COMPRESSION					
BENT 2 - WB	1	16" SQ PPC	405	263	7.700	-109	0	1	4 - #5 DOWELS	0.65					
	2	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	3	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	4	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	5	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	6	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	7	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	8	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	9	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	10	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	11	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	12	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	13	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	14	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	15	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	16	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	17	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	18	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	19	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	20	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	21	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	22	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	23	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	24	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
BENT 2 - EB	25	16" SQ PPC	320	208	7.700	-109	0	1	4 - #5 DOWELS	0.65					
	26	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	27	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	28	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	29	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	30	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	31	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	32	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	33	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	34	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	35	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	36	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	37	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	38	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	39	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	40	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	41	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	42	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	43	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	44	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	45	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	46	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	47	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						
	48	16" SQ PPC			7.700	-109	0	1	4 - #5 DOWELS						

ALABAMA DEPARTMENT OF TRANSPORTATION

A	JQA	02/21/2025	60% INTERIM SUBMITTAL
B	JQA	06/16/2025	90% FINAL SUBMITTAL
REV. NO.	BY	DATE	DESCRIPTION OF REVISION

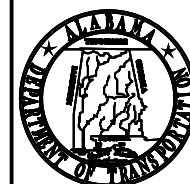
PE STAMP	PE STAMP	QR CODE	Kiewit	KIEWIT MASSMAN TRAYLOR A JOINT VENTURE	VOLKERT
DATE	DATE				

BIN(S)		DESIGNER: JQA	DATE:
021820 (WB) 021821 (EB)			
COUNTY(S)		BRIDGE SHEET NO.	7 OF 57
MOBILE			

SHEET TITLE	
MOBILE RIVER BRIDGE	
I-10 WB & EB OVER SOUTH CAR ST	
PILE DATA TABLE (1)	

												REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
												INFRA-I010(353)	2025	S01-BR-03008

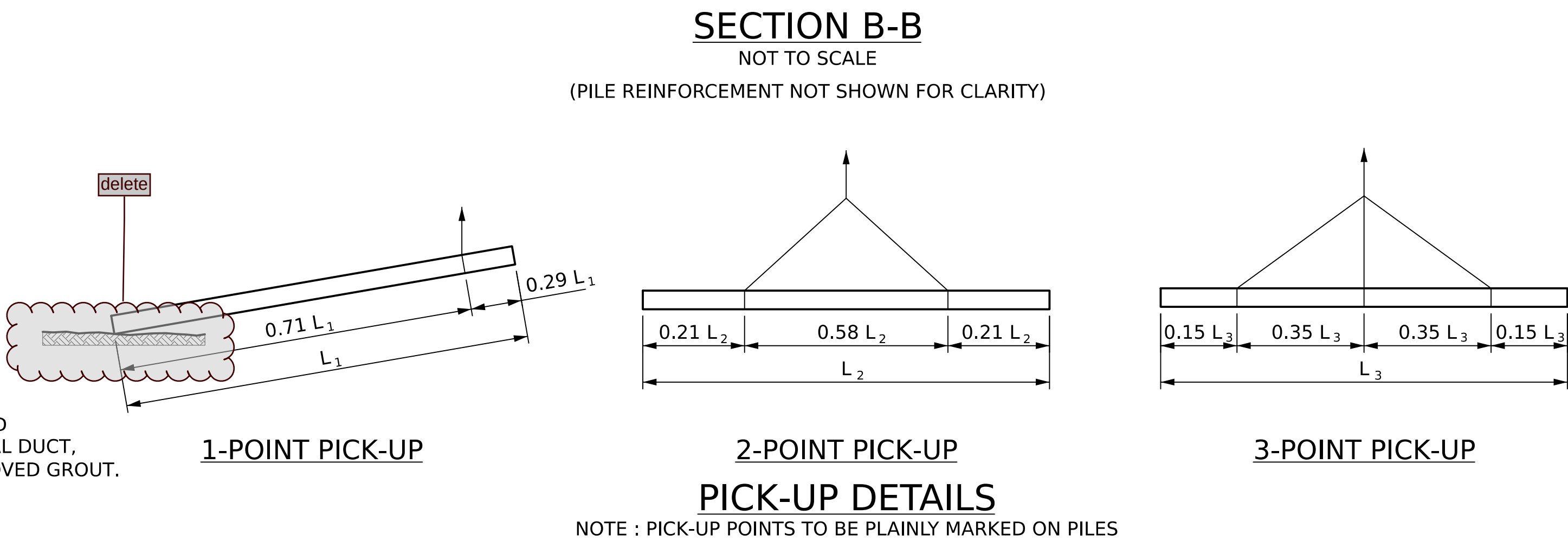
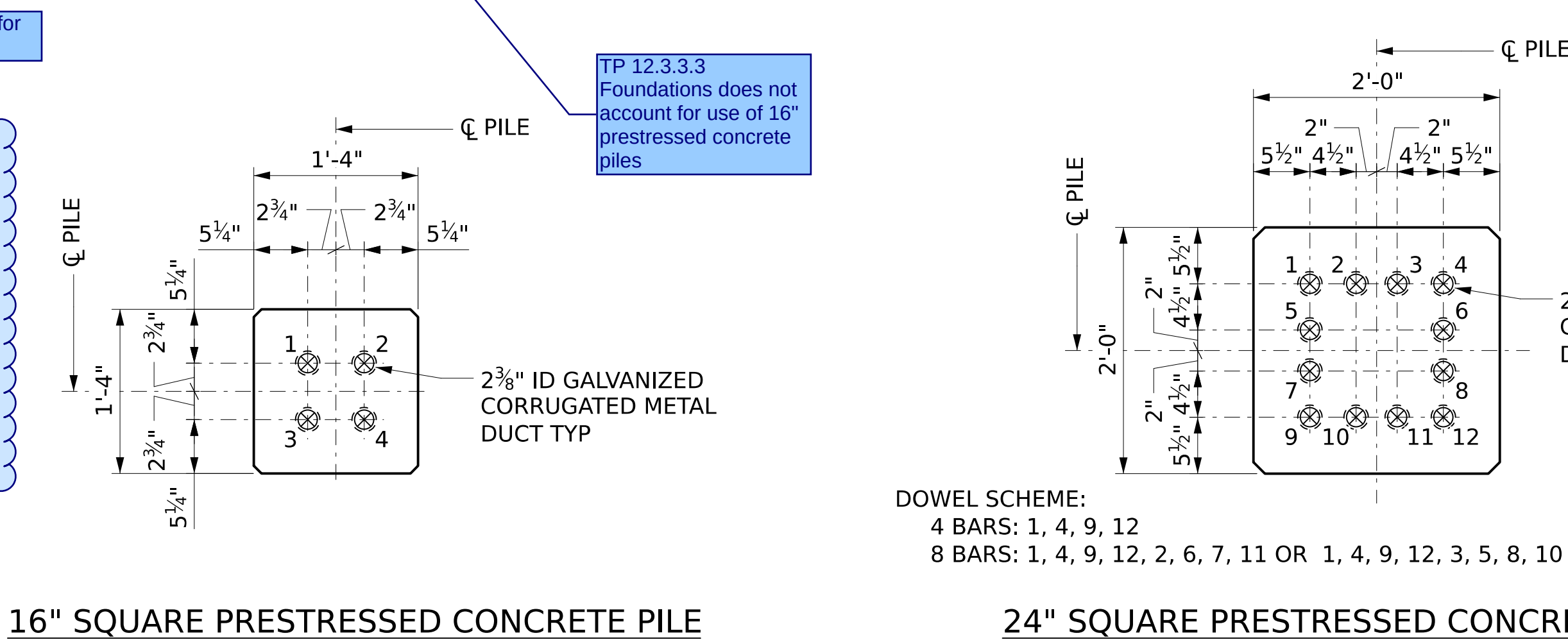
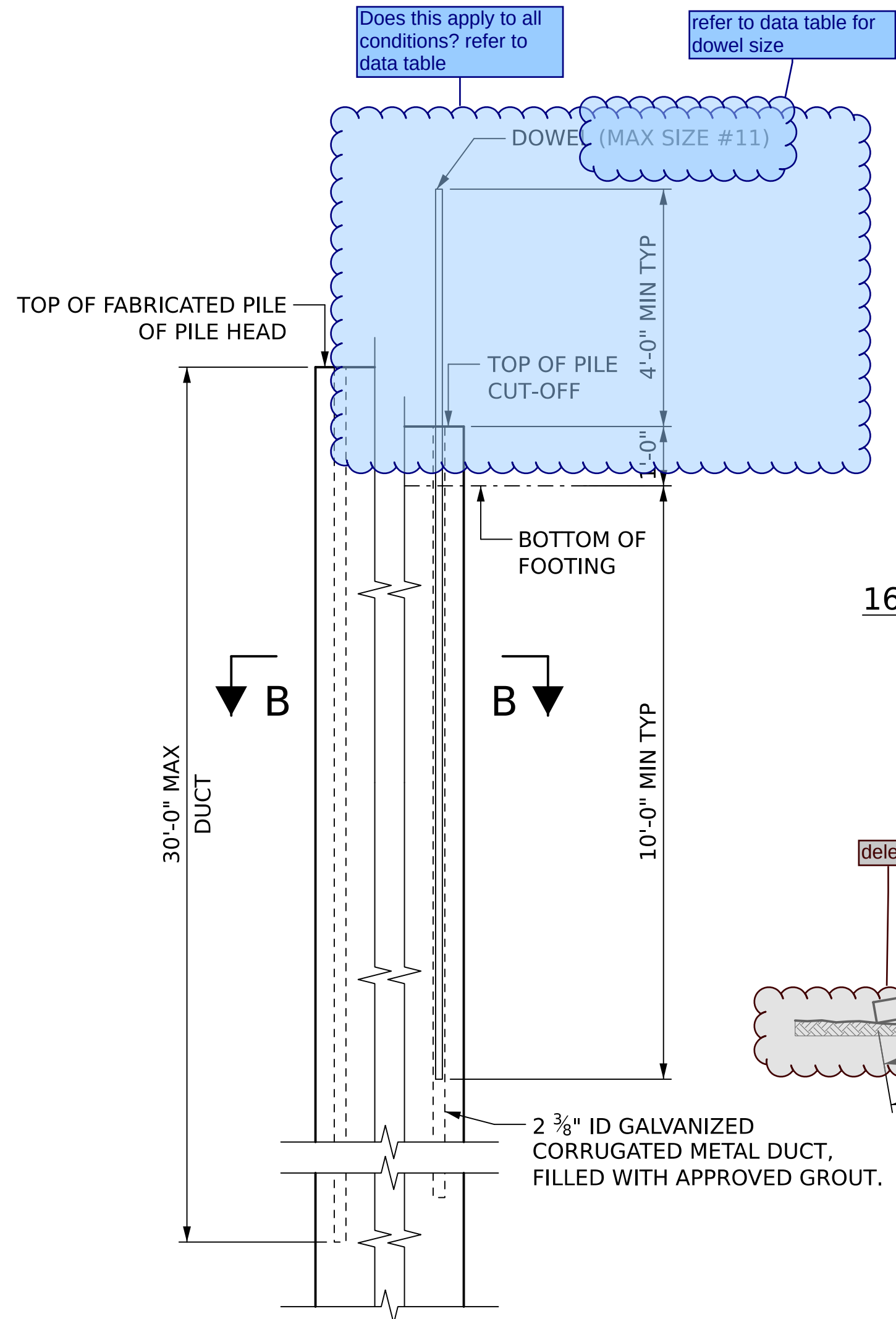
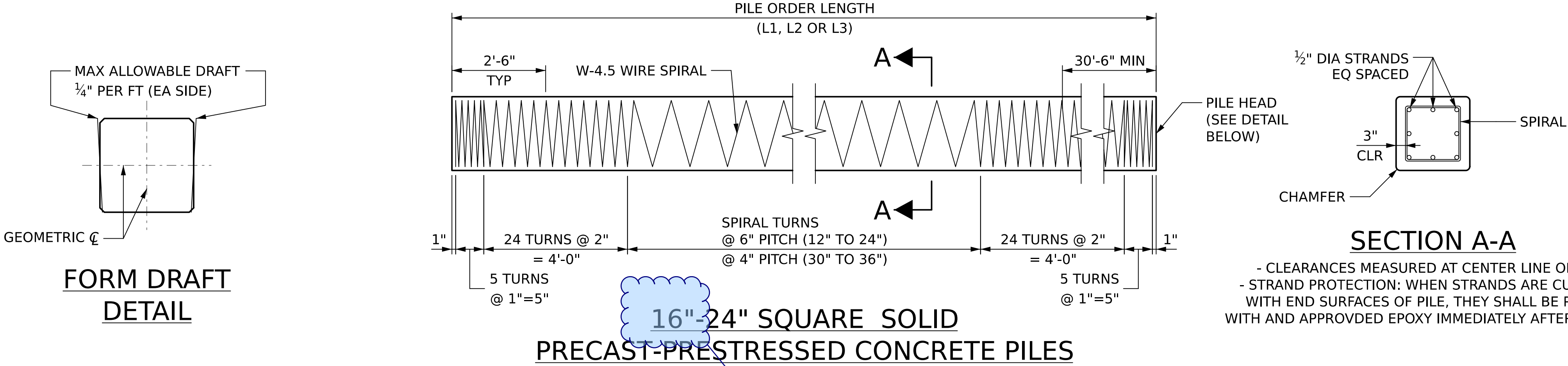
PILE DATA										
ABUT OR BENT NO	PILE NO	PILE SIZE	NOMINAL BEARING RESISTANCE (TONS)	FACTORED DESIGN LOAD (TONS)	CUT-OFF ELEV (FT)	EST PILE TIP ELEV (FT)	NO OF BATTERED PILING	NO OF VERTICAL PILING	PILE HEAD DOWELL CONNECTION REQUIREMENT	Ø COMPRESSION
ABUT 3 - WB	1	16" SQ PPC	170	110	25.517	-39	1	0	NOT REQUIRED	0.65
	2	16" SQ PPC			25.668	-39	1	0	NOT REQUIRED	
	3	16" SQ PPC			25.819	-39	1	0	NOT REQUIRED	
	4	16" SQ PPC			25.970	-39	1	0	NOT REQUIRED	
	5	16" SQ PPC			26.153	-39	1	0	NOT REQUIRED	
	6	16" SQ PPC			26.337	-39	1	0	NOT REQUIRED	
	7	16" SQ PPC			26.521	-39	1	0	NOT REQUIRED	
	8	16" SQ PPC			26.704	-39	1	0	NOT REQUIRED	
	9	16" SQ PPC			26.888	-39	1	0	NOT REQUIRED	
	10	16" SQ PPC			26.698	-39	1	0	NOT REQUIRED	
	11	16" SQ PPC			26.535	-39	1	0	NOT REQUIRED	
	12	16" SQ PPC			26.374	-39	1	0	NOT REQUIRED	
	13	16" SQ PPC			26.214	-39	1	0	NOT REQUIRED	
	14	16" SQ PPC			26.083	-39	1	0	NOT REQUIRED	
ABUT 3 - EB	15	16" SQ PPC	162	105	26.182	-38	1	0	NOT REQUIRED	0.65
	16	16" SQ PPC			26.362	-38	1	0	NOT REQUIRED	
	17	16" SQ PPC			26.543	-38	1	0	NOT REQUIRED	
	18	16" SQ PPC			26.720	-38	1	0	NOT REQUIRED	
	19	16" SQ PPC			26.907	-38	1	0	NOT REQUIRED	
	20	16" SQ PPC			26.626	-38	1	0	NOT REQUIRED	
	21	16" SQ PPC			26.459	-38	1	0	NOT REQUIRED	
	22	16" SQ PPC			26.292	-38	1	0	NOT REQUIRED	
	23	16" SQ PPC			26.124	-38	1	0	NOT REQUIRED	
	24	16" SQ PPC			25.957	-38	1	0	NOT REQUIRED	
	25	16" SQ PPC			25.804	-38	1	0	NOT REQUIRED	
	26	16" SQ PPC			25.670	-38	1	0	NOT REQUIRED	
	27	16" SQ PPC			25.536	-38	1	0	NOT REQUIRED	
	ABUT 3 - WB	28			16" SQ PPC	170	110	25.517	-39	
29		16" SQ PPC	25.668	-39	0			1	4 - #4 DOWELS	
30		16" SQ PPC	25.819	-39	0			1	4 - #4 DOWELS	
31		16" SQ PPC	25.970	-39	0			1	4 - #4 DOWELS	
32		16" SQ PPC	26.153	-39	0			1	4 - #4 DOWELS	
33		16" SQ PPC	26.337	-39	0			1	4 - #4 DOWELS	
34		16" SQ PPC	26.521	-39	0			1	4 - #4 DOWELS	
35		16" SQ PPC	26.704	-39	0			1	4 - #4 DOWELS	
36		16" SQ PPC	26.888	-39	0			1	4 - #4 DOWELS	
37		16" SQ PPC	26.698	-39	0			1	4 - #4 DOWELS	
38		16" SQ PPC	26.535	-39	0			1	4 - #4 DOWELS	
39		16" SQ PPC	26.374	-39	0			1	4 - #4 DOWELS	
40		16" SQ PPC	26.214	-39	0			1	4 - #4 DOWELS	
41		16" SQ PPC	26.083	-39	0			1	4 - #4 DOWELS	
ABUT 3 - EB	42	16" SQ PPC	162	105	26.182	-38	0	1	4 - #4 DOWELS	0.65
	43	16" SQ PPC			26.362	-38	0	1	4 - #4 DOWELS	
	44	16" SQ PPC			26.543	-38	0	1	4 - #4 DOWELS	
	45	16" SQ PPC			26.720	-38	0	1	4 - #4 DOWELS	
	46	16" SQ PPC			26.907	-38	0	1	4 - #4 DOWELS	
	47	16" SQ PPC			26.626	-38	0	1	4 - #4 DOWELS	
	48	16" SQ PPC			26.459	-38	0	1	4 - #4 DOWELS	
	49	16" SQ PPC			26.292	-38	0	1	4 - #4 DOWELS	
	50	16" SQ PPC			26.124	-38	0	1	4 - #4 DOWELS	
	51	16" SQ PPC			25.957	-38	0	1	4 - #4 DOWELS	
	52	16" SQ PPC			25.804	-38	0	1	4 - #4 DOWELS	
	53	16" SQ PPC			25.670	-38	0	1	4 - #4 DOWELS	
	54	16" SQ PPC			25.536	-38	0	1	4 - #4 DOWELS	

	ALABAMA DEPARTMENT OF TRANSPORTATION				A	JQA	02/21/2025	60% INTERIM SUBMITTAL	PE STAMP	PE STAMP	QR CODE				PLAN SUBMITTAL	BIN(S)		DESIGNER: JQA	DATE: _____	SHEET TITLE	
	B	JQA	06/16/2025	90% FINAL SUBMITTAL		021820 (WB) 021821 (EB)		MOBILE RIVER BRIDGE													
						COUNTY(S)		I-10 WB & EB OVER SOUTH CAR ST PILE DATA TABLE (2)													
					90% SUBMITTAL	MOBILE															
	REV. NO.	BY	DATE	DESCRIPTION OF REVISION		DATE									DATE		BRIDGE SHEET NO. 8 OF 57				

0 1" 2" SHEET REFERENCE

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

6/26/2025 9:08:50 AM kirk.mcdonald MRB-S01-BR-03008.dgn



GENERAL NOTES:

- DESIGN SPECIFICATIONS: AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 9TH EDITION, 2020.
- CONCRETE IN PILE: THE CONTRACTOR SHALL DESIGN AND SUBMIT FOR APPROVAL A CONCRETE MIX WITH A MINIMUM COMPRESSIVE CYLINDER STRENGTH OF 8000 PSI AT 28 DAYS (6000 FOR DESIGN). CONCRETE STRENGTH AT THE TIME OF TRANSFER OF PRESTRESSED FORCE SHALL BE 4500 PSI OR GREATER.
- PRESTRESSING STEEL: PRETENSIONED REINFORCEMENT SHALL BE 1/2" DIA. SEVEN-WIRE, UNCOATED LOW-RELAXATION STRANDS GRADE 270 AND SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M 203. AN INITIAL TENSION OF 30,975 LBS. SHALL BE APPLIED TO EACH STRAND.
- REINFORCING STEEL: REINFORCING STEEL SHALL BE DEFORMED STEEL BARS, GRADE 60 AND SHALL MEET THE REQUIREMENTS OF AASHTO M 31.
- SPIRAL REINFORCING STEEL: SPIRAL REINFORCEMENT SHALL BE SIZE W-4.5 COLD-DRAWN STEEL WIRE AND SHALL CONFORM TO AASHTO M 336.
- FABRICATION TOLERANCES: MANUFACTURE OF THE PILING AND FABRICATION TOLERANCES SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE DETENSIONING PROCEDURE SHALL BE SUBMITTED TO THE EOR FOR APPROVAL.
- CHAMFERS AND CORNERS: ON PILES 18" OR SMALLER, ALL EXPOSED CONCRETE CORNERS SHALL HAVE 3/4" CHAMFERS. ON PILES 20" OR LARGER, ALL EXPOSED CONCRETE CORNERS SHALL HAVE 1 1/2" CHAMFERS. A 1" RADIUS CURVE WILL BE PERMITTED IN LIEU OF CHAMFERS SHOWN ABOVE. HOWEVER, ALL BENT PILES FURNISHED SHALL BE OF SAME CONFIGURATION.
- PICK-UP AND HANDLING: MAXIMUM LENGTHS FOR PICK-UP HAVE BEEN DETERMINED USING THE FOLLOWING STRESS ASSUMPTIONS:

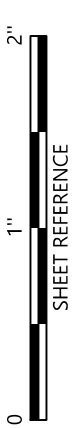
LOADING: 1 1/2 TIMES FULL DEAD LOAD. ALLOWABLE TENSILE STRESS EQUALS 0.19√ f'c KSI. THIS STRESS AND LOADING CRITERIA ARE BASED ON CAREFUL HANDLING OF THE PILE. ROTATION OF PILE IN THE SLING IS TO BE PREVENTED UNTIL PILE IS IN VERTICAL POSITION. PICK-UP POINTS FOR ALL PILES TO BE CLEARLY MARKED ON PILE. PICK-UP POINTS SHOWN MAY BE MODIFIED FOR TRANSPORTATION PURPOSES PROVIDED THE TENSILE STRESS BASED ON ABOVE LOADING CRITERIA DOES NOT EXCEED 0.19√ f'c KSI. THE MODIFIED PICK-UP POINTS SHALL BE SENT TO THE ENGINEER FOR REVIEW.

PICK-UP DEVICES: CAST-IN-PLACE LOOPS MAY BE USED AS PICK-UP DEVICES FOR PRESTRESSED PILES. FOR PILE ABUTMENTS AND FOR PILE FOOTINGS THAT ARE TO BE CONSTRUCTED BELOW GROUNDLINE, THE FOLLOWING SHALL APPLY: THE LOOPS SHALL BE CUT OFF FLUSH WITH FACE OF THE PILE AND EXPOSED SURFACES OF THE LOOPS SHALL BE COATED WITH AN APPROVED EPOXY. FOR PILE BENTS AND FOR PILE FOOTINGS THAT ARE TO BE CONSTRUCTED ABOVE POOL (WATERLINE), THE FOLLOWING SHALL APPLY: A 3"x3" BY 1 1/2" DEEP RECESS (BLOCKOUT) SHALL BE PROVIDED AT EACH LOOP PROTRUSION. THE LOOPS SHALL BE CUT OFF FLUSH WITH THE RECESSED FACE OF THE PILE AND THE RECESS SHALL BE FILLED WITH AN APPROVED EPOXY. THE EPOXY SHALL OBTAIN THE 28-DAY STRENGTH SPECIFIED FOR THE PILE PRIOR TO DRIVING THE PILE. THE TYPE OF PICK-UP DEVICE TO BE USED BY THE CONTRACTOR SHALL BE CLEARLY SHOWN ON THE PRESTRESSED CONCRETE PILE SHOP DRAWINGS.

- FOR UPLIFT PILE DOWELS, HOLES SHALL BE CLEANED PRIOR TO SETTING DOWEL BARS AND SHALL BE FREE OF DUST, OIL, WATER AND OTHER CONTAMINENTS. DOWEL BARS SHALL BE SET USING AN APPROVED EPOXY.
- SHIPPING: PILING SHALL BE HELD AT THE PLANT FOR A MINIMUM OF 21 DAYS PRIOR TO SHIPPING. PILING SHALL NOT BE TRANSPORTED UNTIL THE MINIMUM 28 DAY COMPRESSIVE CONCRETE STRENGTH IS OBTAINED AND VERIFIED BY TEST CYLINDERS.
- DRIVING: PILES SHALL BE DRIVEN TO AT LEAST THE MINIMUM TIP ELEVATION AS SHOWN ON CONTRACT PLANS UNLESS OTHERWISE DIRECTED BY THE ENGINEER OF RECORD.
- BUILD-UP: THE USE OF A BUILD-UP (DRIVING OR NON-DRIVING) SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER. CONCRETE SHALL BE THE SAME JOB MIX AS THE PRESTRESS CONCRETE.

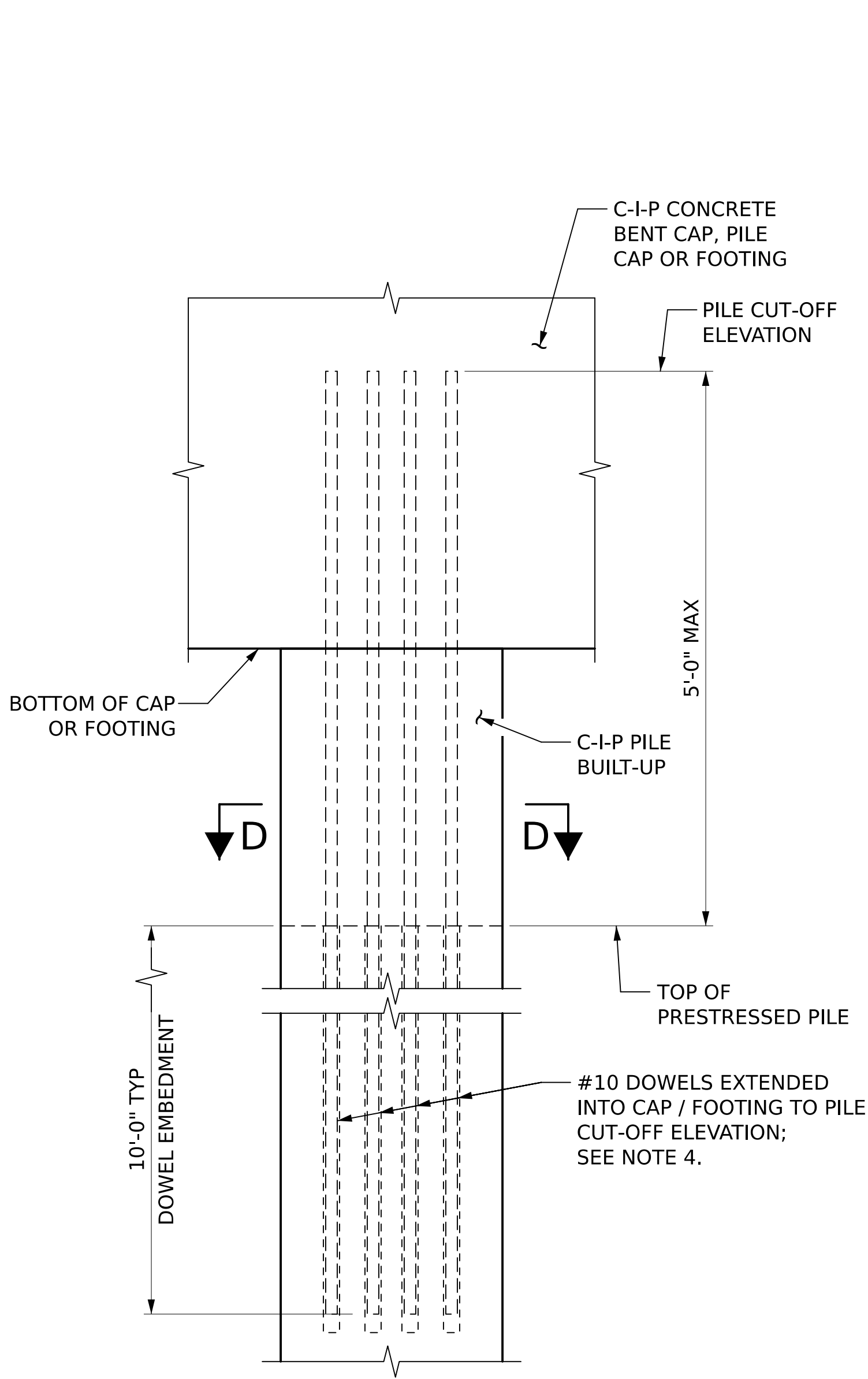
PILE HEAD CONNECTION
UPLIFT / FIXED PILE DOWEL DETAILS
NOT TO SCALE
(SEE PILE DATA TABLE FOR THE DOWEL REQUIREMENT)

PILE INFORMATION											
PILE SIZE (in)	SECTION PROPERTIES					SQUARE SPIRAL LAYOUTS					
	VOID "D" (in)	AREA (in ²)	SECTION MODULUS (in ³)	WEIGHT PER FOOT (lb/ft)	CHAMFER (in)	NO. OF STRANDS	PRESTRESS IN CONCRETE (psi)		MAX CASTING LENGTH (ft)		
							AT RELEASE	AT 90 DAYS	L ₁	L ₂	L ₃
16 SOLID	0	256	683	267	¾"	12	1373	1273	67.6	95.7	136.7
24 SOLID	0	576	2304	600	1½"	24	1227	1154	86.7	122.7	172.0

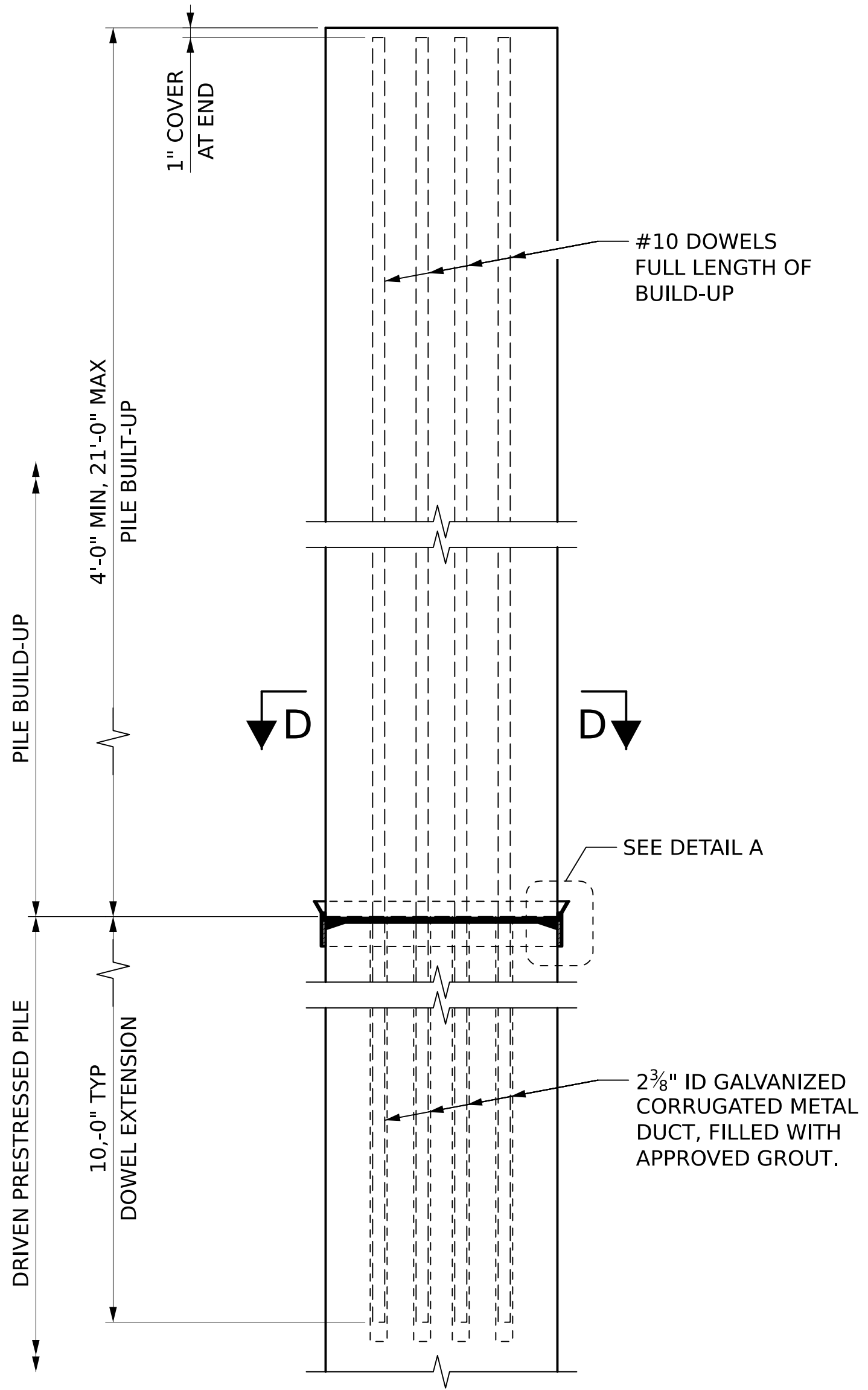


REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
INFRA-I010(353)	2025	S01-BR-03010

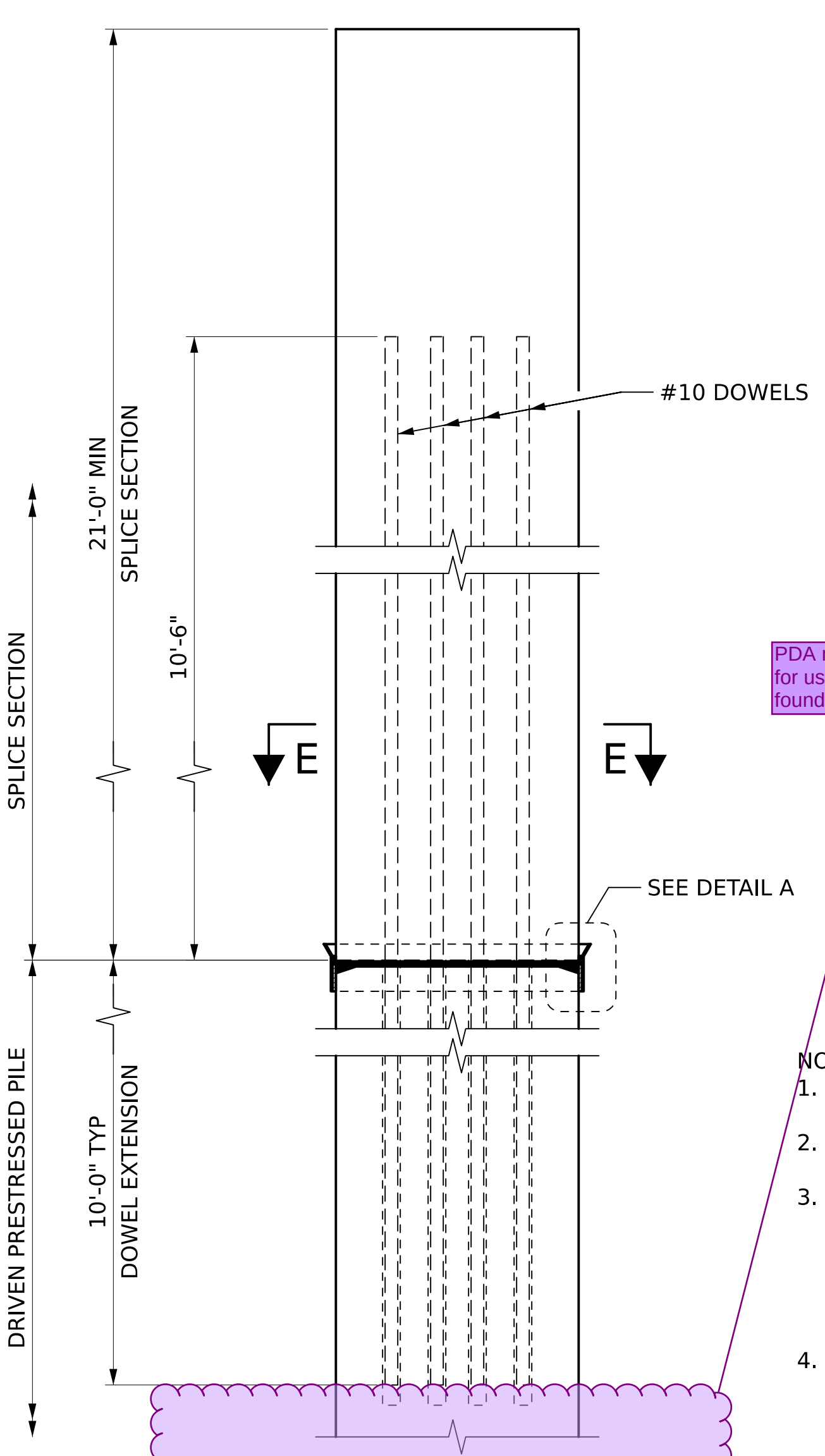
PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION



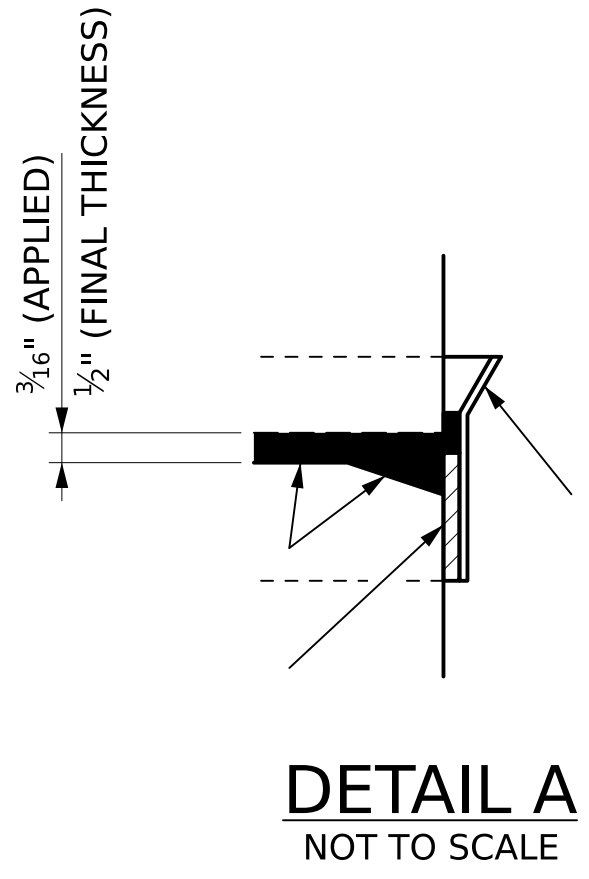
UNPLANNED
REINFORCED CAST-IN-PLACE
PILE BUILD-UP DETAIL
NOT TO SCALE



NON-DRIVABLE UNPLANNED
REINFORCED PRECAST
PILE BUILD-UP DETAIL
NOT TO SCALE



DRIVABLE UNPLANNED
PRESTRESSED PRECAST
PILE SPLICE DETAIL
NOT TO SCALE



- NOTES:
- FOR SECTIONS D-D & E-E SEE SHEET 3 OF 5 FOR APPLICABLE CONCRETE PILE SIZE AND PILE SPLICE REINFORCEMENT DETAILS.
 - PRESTRESSING STRANDS, SPIRAL TIES AND/OR REINFORCEMENT ARE NOT SHOWN FOR CLARITY.
 - FOR PREFORMED HOLES; USE EITHER REMOVABLE PREFORMING MATERIAL OR STAY-IN-PLACE CORRUGATED GALVANIZED STEEL DUCTS MEETING ASTM SPECIFICATION A653, COATING DESIGNATION G90, 26 GAUGE. USE 2" DIAMETER DUCTS WITH A MINIMUM CORRUGATION (RIB) HEIGHT OF 0.12 IN. FABRICATED WITH EITHER WELDED OR INTERLOCKED SEAMS. GALVANIZING OF WELDED SEAMS IS NOT REQUIRED.
 - FOR TENSION PILES WHERE TOP OF PRESTRESSED PILE IS LESS THAN 3 FEET BELOW PILE CUT-OFF ELEVATION, EXTEND #10 DOWELS INTO CAP BEYOND PILE CUT-OFF ELEVATION TO ACHIEVE DEVELOPMENT AS APPROVED BY THE ENGINEER.

PDA monitored, only
for use for pile
foundations. (Typ.)



ALABAMA
DEPARTMENT OF
TRANSPORTATION

A	JQA	02/21/2025	60% INTERIM SUBMITTAL
B	JQA	06/16/2025	90% FINAL SUBMITTAL
REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP
DATE

PE STAMP
DATE

QR
CODE

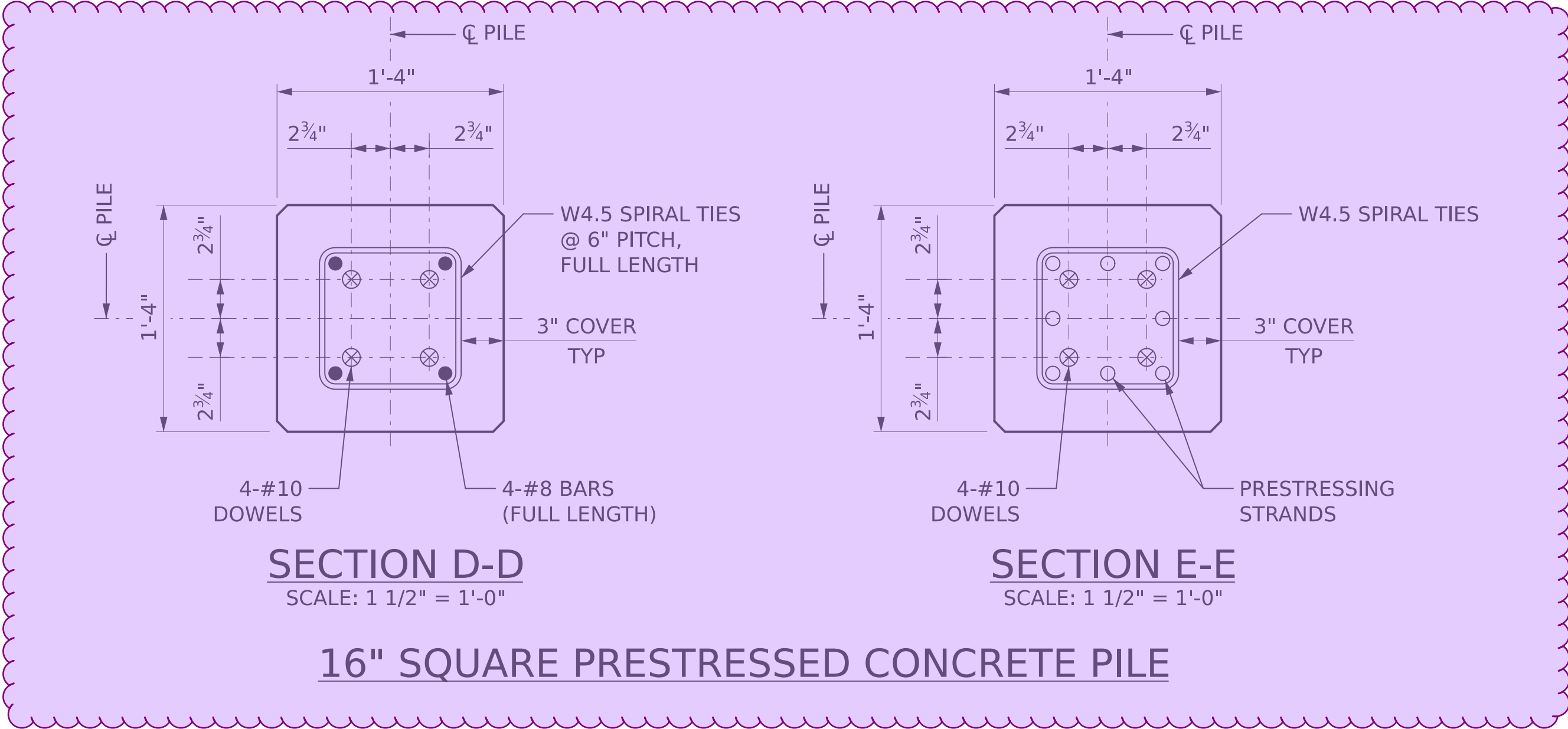


PLAN SUBMITTAL
90%

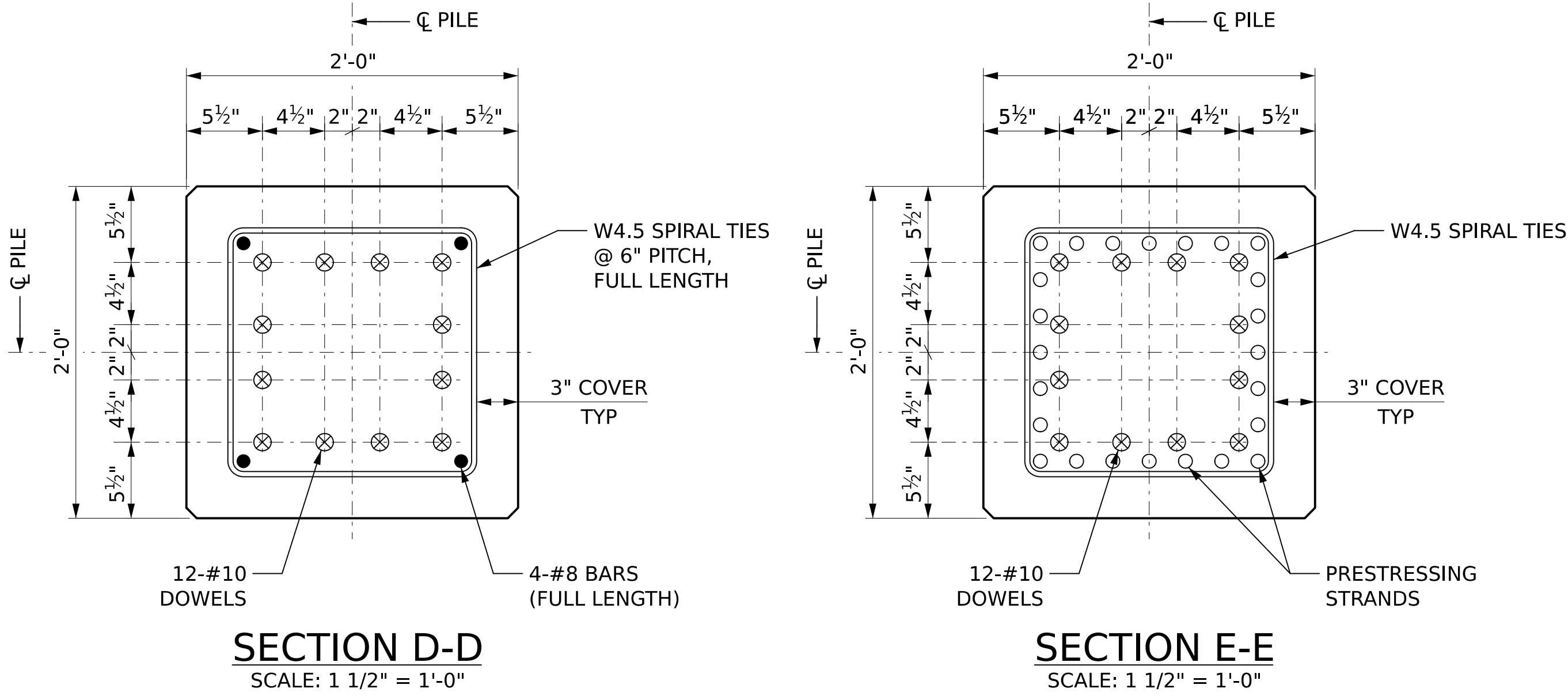
BIN(S)
021820 (WB) 021821 (EB)
COUNTY(S)
MOBILE

DESIGNER: JQA	DATE:
BRIDGE SHEET NO. 10	OF 57

SHEET TITLE
MOBILE RIVER BRIDGE
I-10 WB & EB OVER SOUTH CAR ST
PILE DETAIL SHEET (2 OF 3)

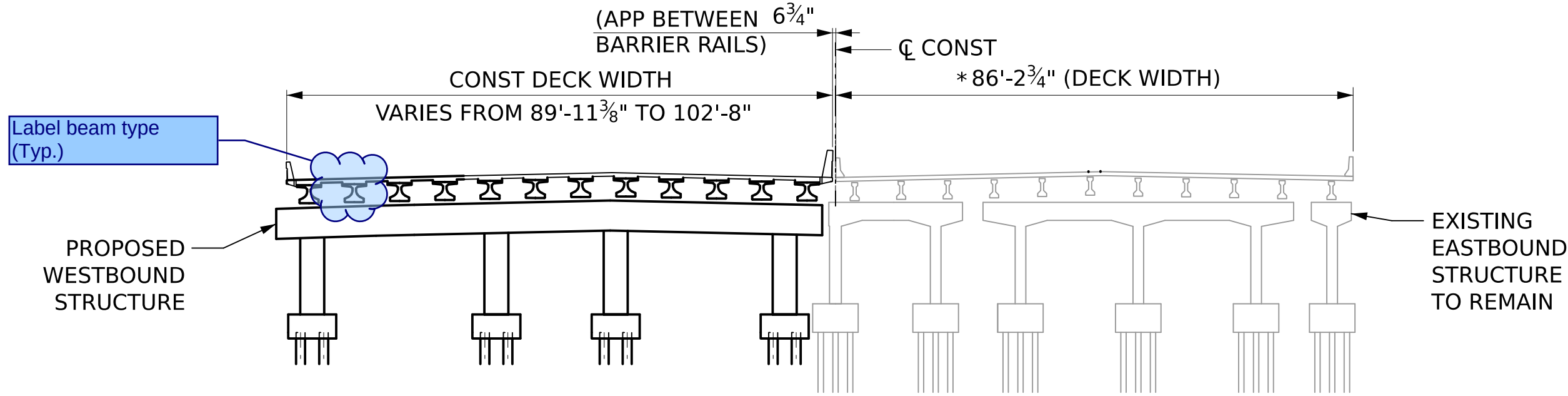
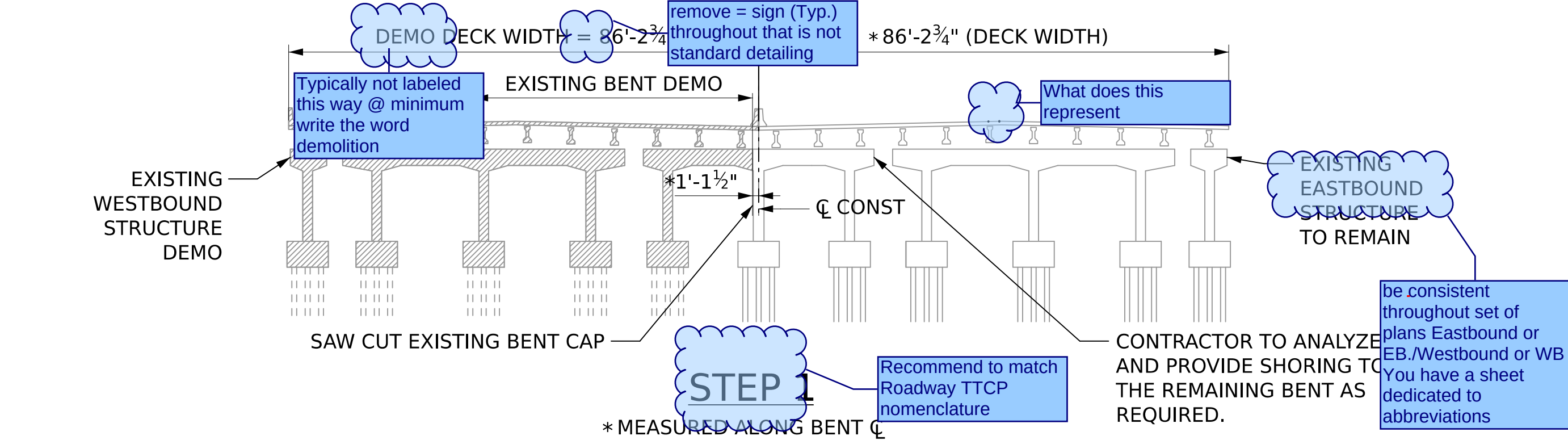


Are they used in this project?

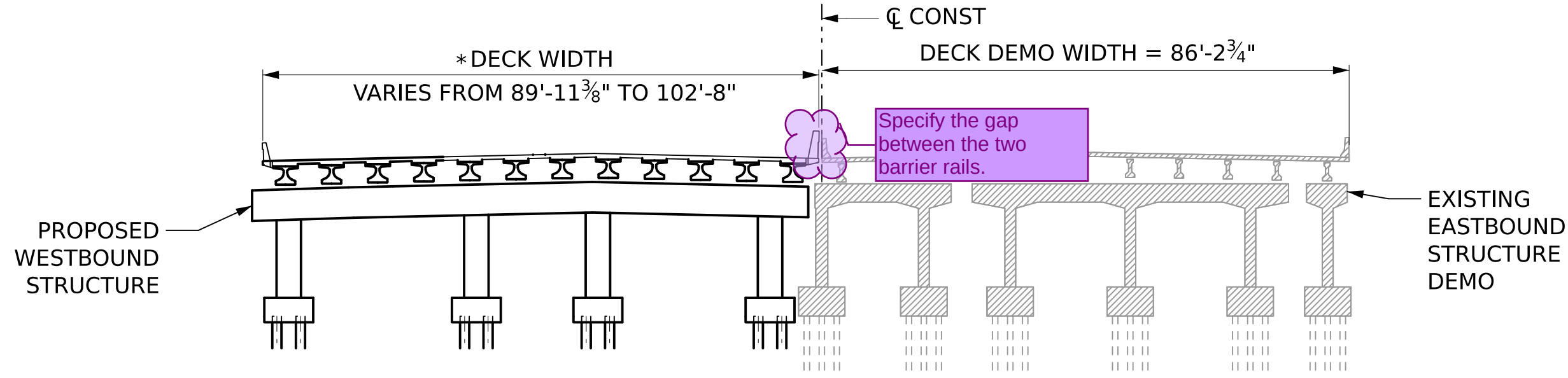


24" SQUARE PRESTRESSED CONCRETE PILE

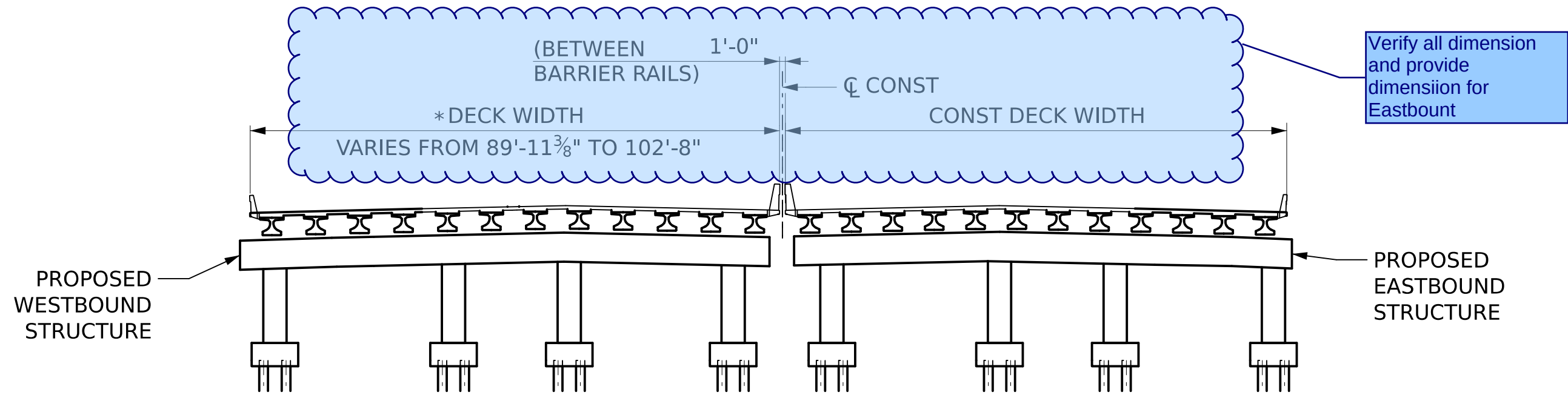
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
INFRA-I010(353)	2025	S01-BR-03012



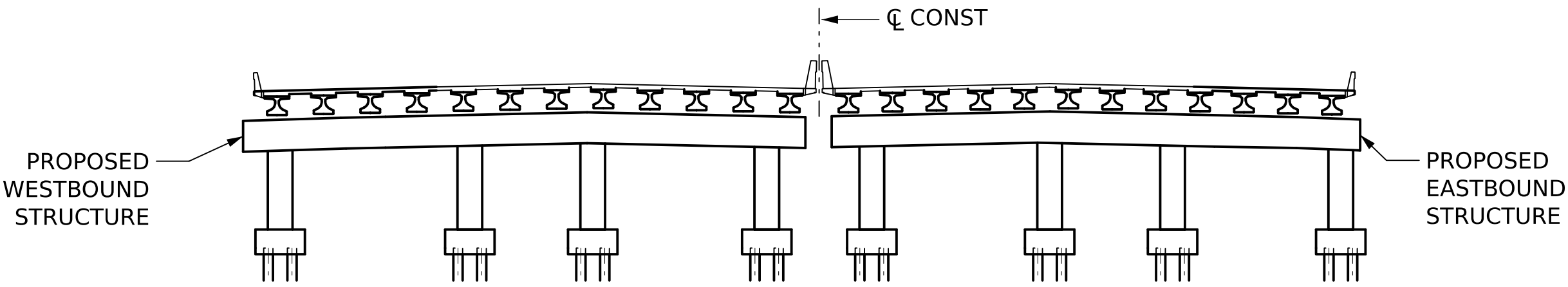
STEP 2



STEP 3



STEP 4



FINAL

LEGEND:

	REQUIRED DEMO
--	---------------

Temporary work plans are required for submittal and approval per TP 12.3.3.5

- NOTES:
- DEMOLITION PLANS OF EXISTING WB AND EB BRIDGES ARE RESPONSIBILITY OF THE CONTRACTOR.
 - * SEE MOT FOR LANE WIDTHS AND TEMPORARY BARRIER RAIL LOCATIONS.



ALABAMA
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TRANSPORTATION

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PE STAMP
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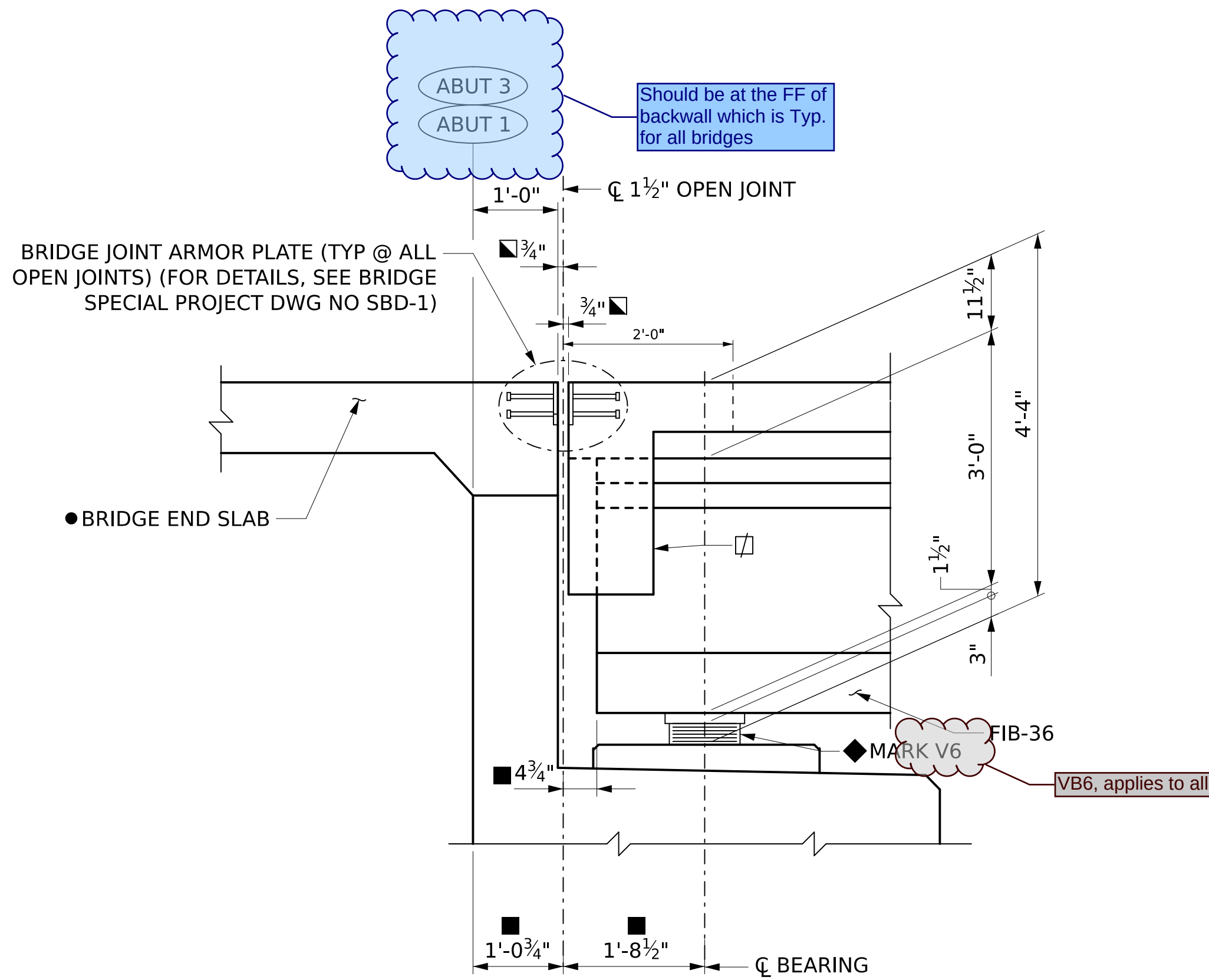


PLAN SUBMITTAL
90%

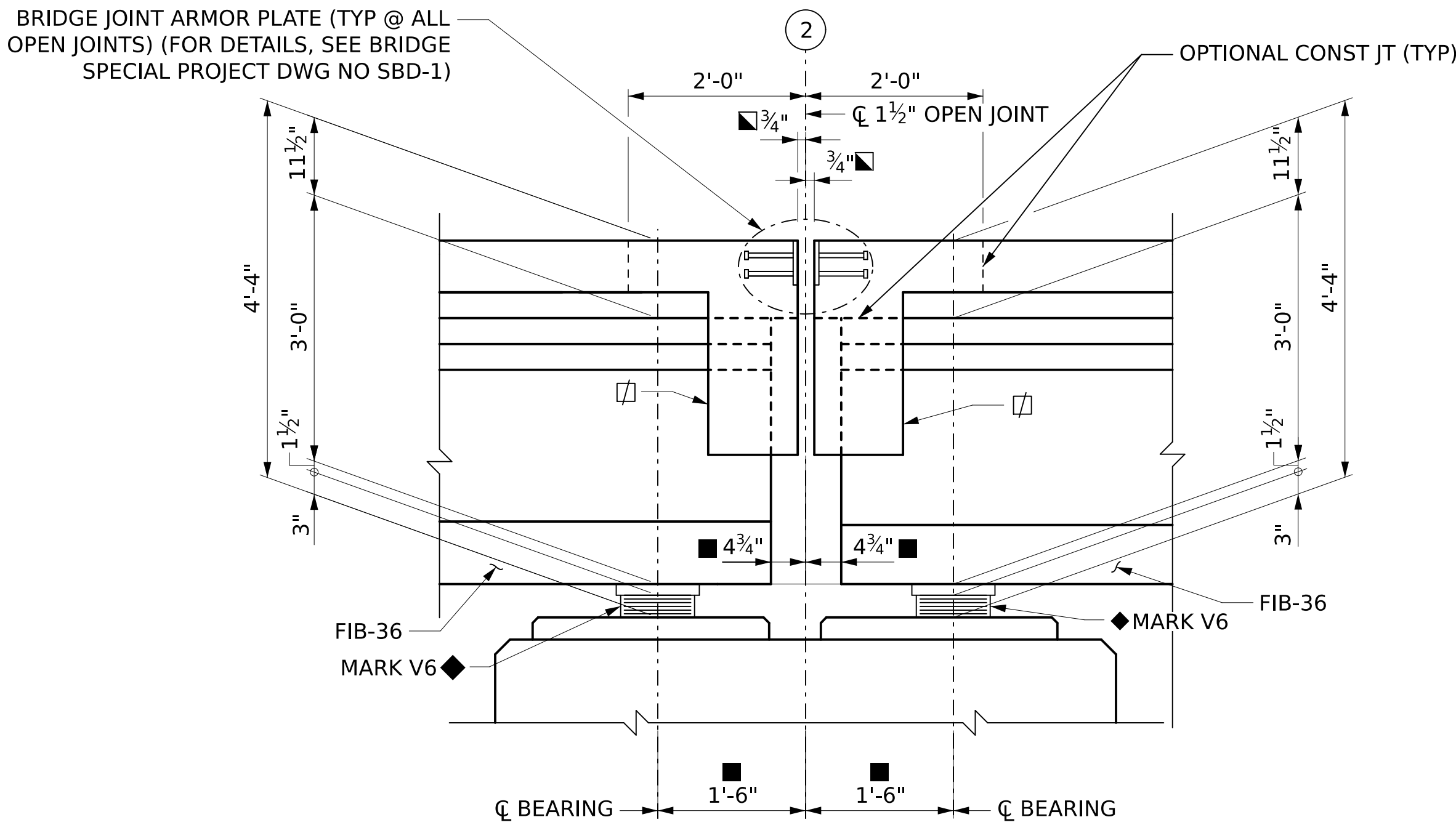
BIN(S)
021820 (WB) 021821 (EB)
COUNTY(S)
MOBILE

DESIGNER: JQA	DATE:
BRIDGE SHEET NO. 12	OF 57

SHEET TITLE
MOBILE RIVER BRIDGE
I-10 WB & EB OVER SOUTH CAR ST
SEQUENCE OF CONSTRUCTION



JOINT DETAILS AT ABUTMENTS
ABUTMENT 1 SHOWN
ABUTMENT 3 OPPOSITE HAND
SCALE: 3/4" = 1'-0"

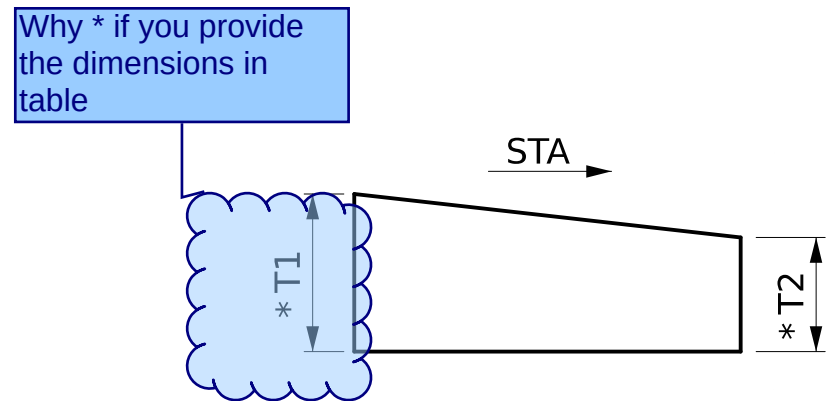


JOINT DETAILS AT BENT
BENT 2 SHOWN
SCALE: 3/4" = 1'-0"

- NOTES:
- 1. JOINT OPENING IS AT 70° F. This is not correct
 - 2. NORMAL TO ϕ JOINT AND ϕ ABUTMENT/BENT.
 - 3. EDGE BEAM DETAILS (SEE EDGE DETAIL SHEETS).
 - 4. ELASTOMERIC BEARING TYPE 4 MARK VB6, SEE BEARING DETAILS SHEET.
 - 5. BRIDGE END SLAB DETAILS (SEE BRIDGE SPECIAL PROJECT DWG BES-450(IJ)BP).

*BEARING TYPE AND BEVELED PLATE THICKNESS				
WESTBOUND				
BENT	GDRS	TYPE	T1 (IN)	T2 (IN)
ABUT 1	1 - 7	4	1.58	1.42
ABUT 1	8 - 12	4	1.57	1.43
2 NS	1 - 7	4	1.58	1.42
2 NS	8 - 12	4	1.57	1.43
2 FS	1 - 4	4	1.57	1.43
2 FS	5 - 13	4	1.56	1.44
ABUT 3	1 - 4	4	1.57	1.43
ABUT 3	5 - 13	4	1.56	1.44

*BEARING TYPE AND BEVELED PLATE THICKNESS				
EASTBOUND				
BENT	GDRS	TYPE	T1 (IN)	T2 (IN)
ABUT 1	1 - 5	4	1.57	1.43
ABUT 1	6 - 12	4	1.58	1.42
2 NS	1 - 5	4	1.57	1.43
2 NS	6 - 12	4	1.58	1.42
2 FS	1 - 6	4	1.56	1.44
2 FS	7 - 13	4	1.57	1.43
ABUT 3	1 - 6	4	1.56	1.44
ABUT 3	7 - 13	4	1.57	1.43



BEVELED BEARING PLATE DETAILS
NTS



ALABAMA
DEPARTMENT OF
TRANSPORTATION

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

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DATE

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DATE

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CODE



PLAN SUBMITTAL
90%

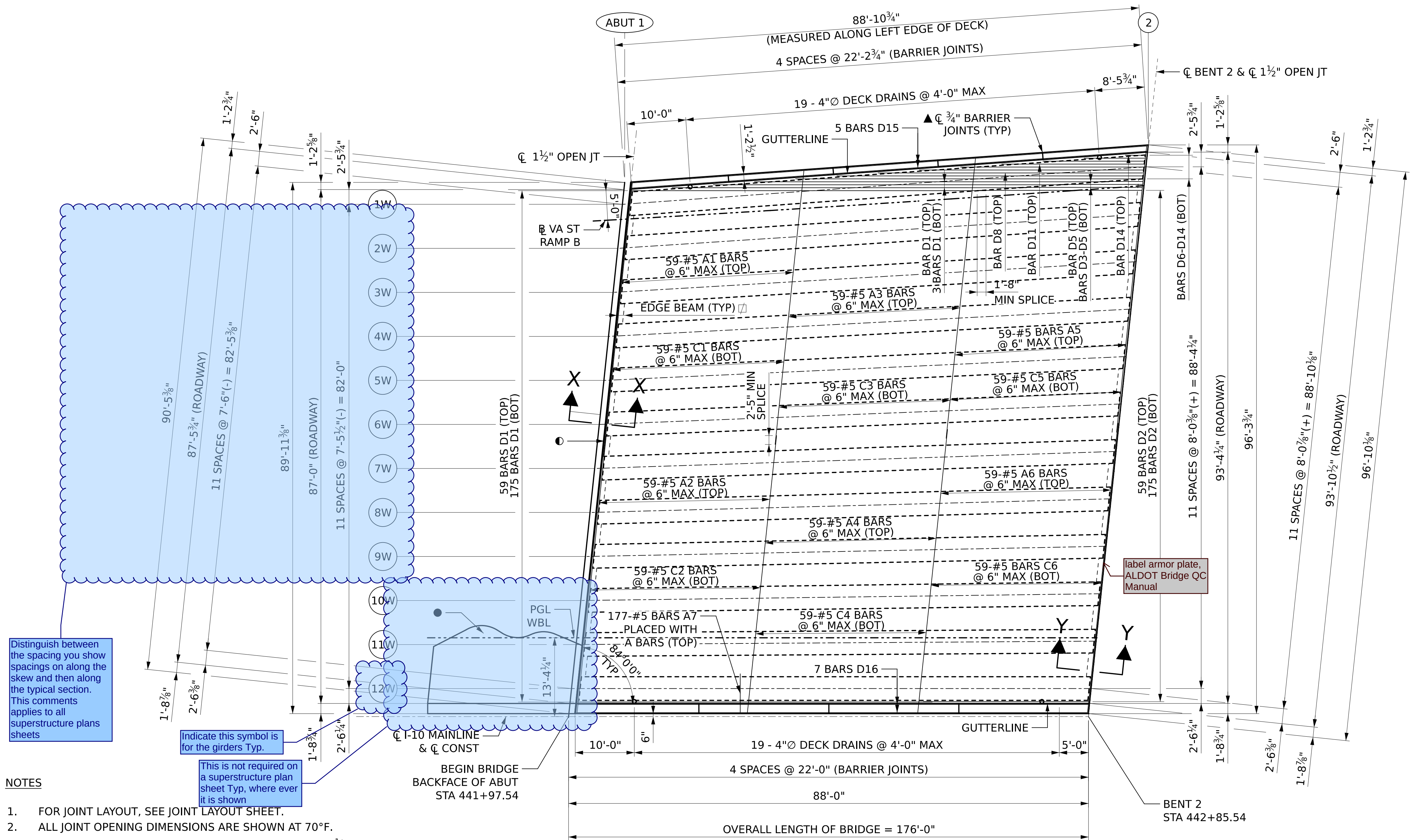
BIN(S)
021820 (WB) 021821 (EB)
COUNTY(S)
MOBILE

DESIGNER: JQA DATE:
BRIDGE SHEET NO. 13 OF 57

SHEET TITLE
MOBILE RIVER BRIDGE
I-10 WB & EB OVER SOUTH CAR ST
JOINT LAYOUT

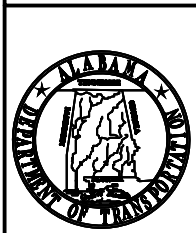
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
INFRA-I010(353)	2025	S01-BR-03014

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION



- NOTES
- FOR JOINT LAYOUT, SEE JOINT LAYOUT SHEET.
 - ALL JOINT OPENING DIMENSIONS ARE SHOWN AT 70°F.
 - FOR BARRIER RAIL REINFORCEMENT AND DETAILS (1'-2½" WIDTH), AND JOINT OPENINGS SEE SPECIAL PROJECT DWG NO BBR-1.
 - FOR BARRIER RAIL REINFORCEMENT AND DETAILS (1'-8¾" WIDTH), AND JOINT OPENINGS SEE 54" SINGLE SLOPE BARRIER SHEET.
 - FOR DECK ELEVATIONS, SEE INCREMENTAL DECK ELEVATIONS SHEET.
 - FOR ARMOR PLATE DETAILS, SEE BRIDGE SPECIAL PROJECT DWG NO SBD-1.
 - FOR SECTIONS X-X AND Y-Y, SEE FIG-36 EDGE BEAM DETAILS SHEETS.
 - FOR DECK DRAIN DETAILS, SEE BRIDGE SPECIAL PROJECT DWG NO SBD-1.
 - FOR BRIDGE END SLAB DETAILS, SEE BRIDGE SPECIAL PROJECT DWG NO BES-450 (IJ) BP.
 - FOR BILL OF REINFORCEMENT, SEE SPANS BILL OF REINFORCEMENT SHEET.
 - FOR DECK REINFORCEMENT DETAILS, SEE BRIDGE SPECIAL PROJECT DWG NO SDR-1.
 - FOR TYPICAL SECTIONS, SEE TYPICAL SECTION SHEETS.

WB SPAN 1 - PLAN
SCALE: 1" = 10'-0"



ALABAMA
DEPARTMENT OF
TRANSPORTATION

A	JQA	02/21/2025	60% INTERIM SUBMITTAL
B	JQA	06/16/2025	90% FINAL SUBMITTAL
REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP
DATE

PE STAMP
DATE

QR
CODE



PLAN SUBMITTAL
90%

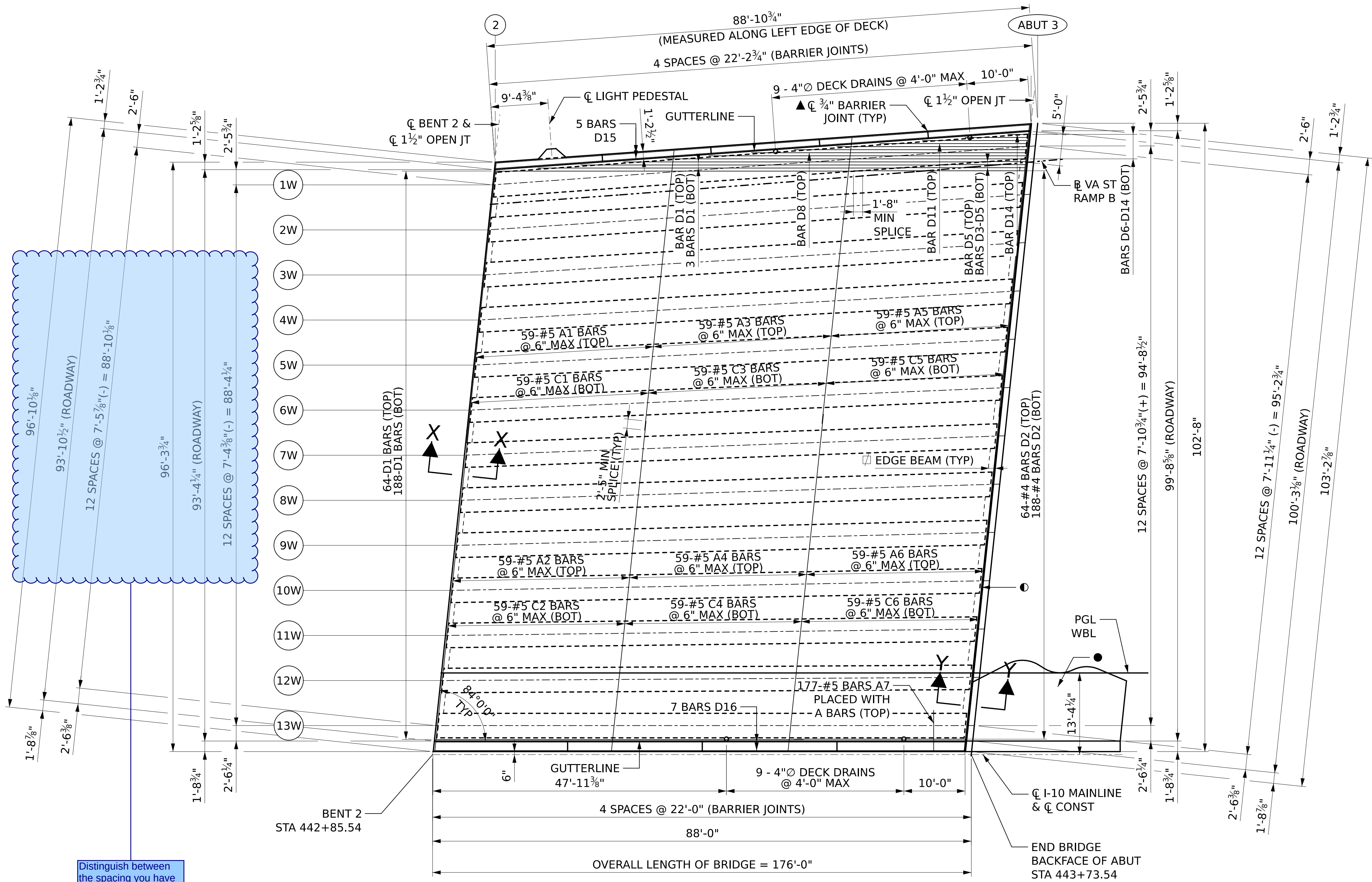
BIN(S)
021820 (WB) 021821 (EB)
COUNTY(S)
MOBILE

DESIGNER: JQA
DATE:
BRIDGE SHEET NO. 14 OF 57

SHEET TITLE
MOBILE RIVER BRIDGE
I-10 WB & EB OVER SOUTH CAR ST
WB SPAN 1 DETAILS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
INFRA-I010(353)	2025	S01-BR-03015

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION



WB SPAN 2 - PLAN
SCALE: 1" = 10'-0"

- NOTES
- FOR BRIDGE SPAN NOTES, SEE SPAN 1 PLAN WB SHEET.
 - FOR TYPICAL SECTION, SEE SPAN 2 TYPICAL SECTION WB SHEET.
 - FOR LIGHT PEDESTAL DETAILS, SEE LIGHT PEDESTAL DETAILS SHEET.

Distinguish between the spacing you have beam spacings along the skew not along the skew etc. This note is typical for all superstructure plan sheets



ALABAMA
DEPARTMENT OF
TRANSPORTATION

A	JQA	02/21/2025	60% INTERIM SUBMITTAL
B	JQA	06/16/2025	90% FINAL SUBMITTAL
REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP
DATE

PE STAMP
DATE

QR CODE



PLAN SUBMITTAL
90%

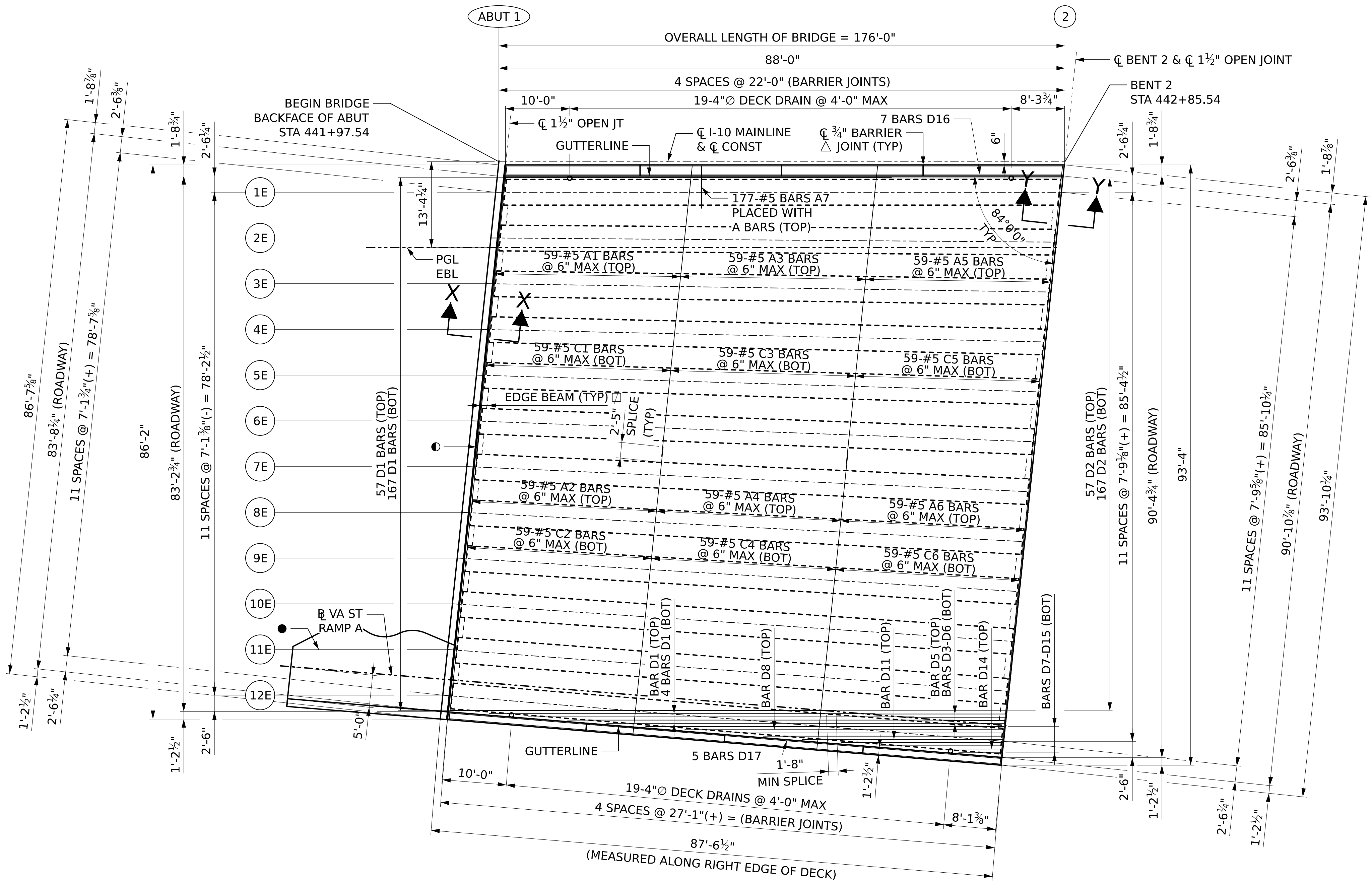
BIN(S)
021820 (WB) 021821 (EB)
COUNTY(S)
MOBILE

DESIGNER: JQA	DATE:
BRIDGE SHEET NO. 15	OF 57

SHEET TITLE
MOBILE RIVER BRIDGE I-10 WB & EB OVER SOUTH CAR ST WB SPAN 2 DETAILS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
INFRA-I010(353)	2025	S01-BR-03016

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION



EB SPAN 1 - PLAN
SCALE: 1" = 10'-0"

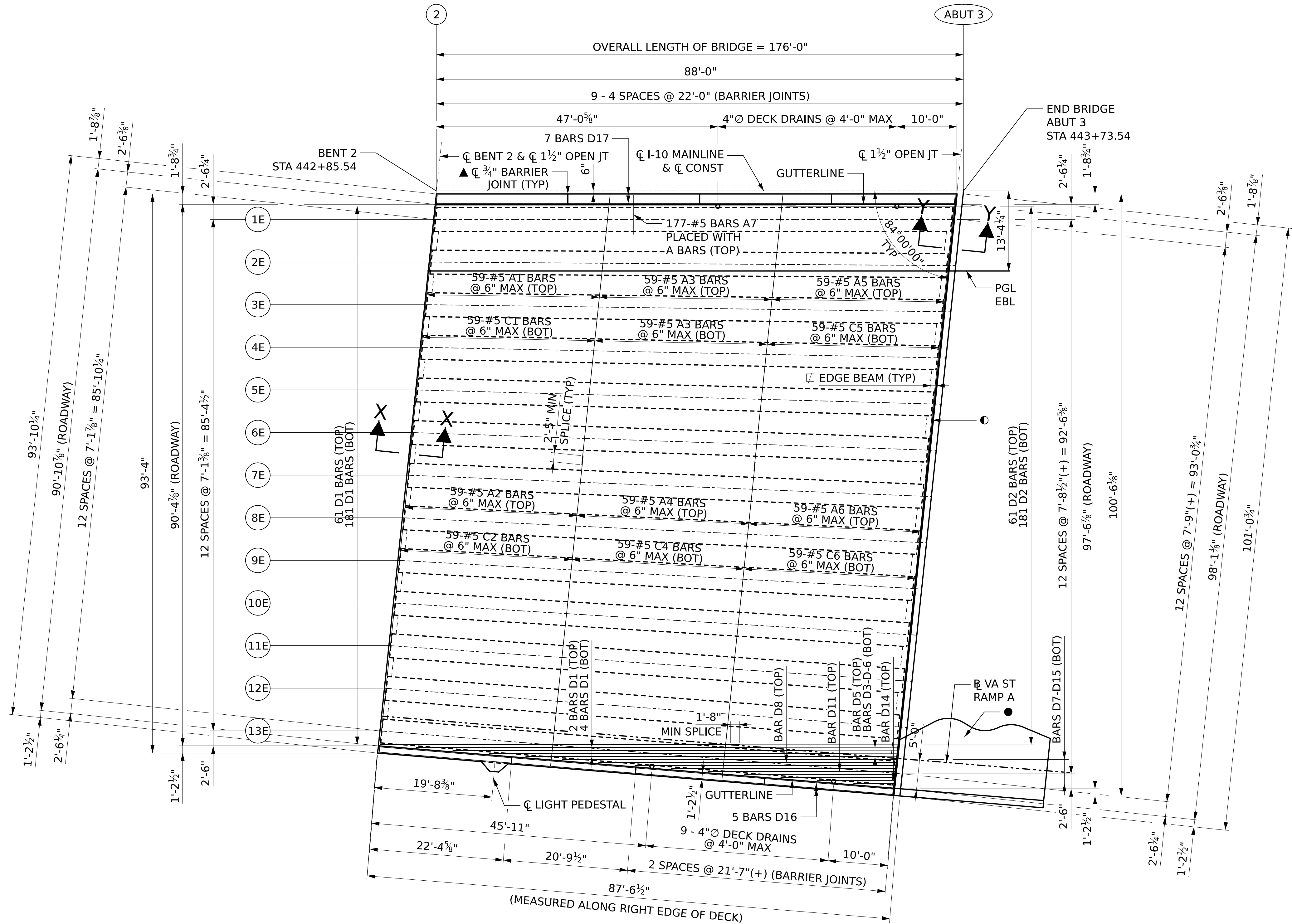
NOTES

- FOR BRIDGE SPAN NOTES, SEE SPAN 1 PLAN WB SHEET.
- FOR TYPICAL SECTION, SEE SPAN 1 TYPICAL SECTION EB SHEET.

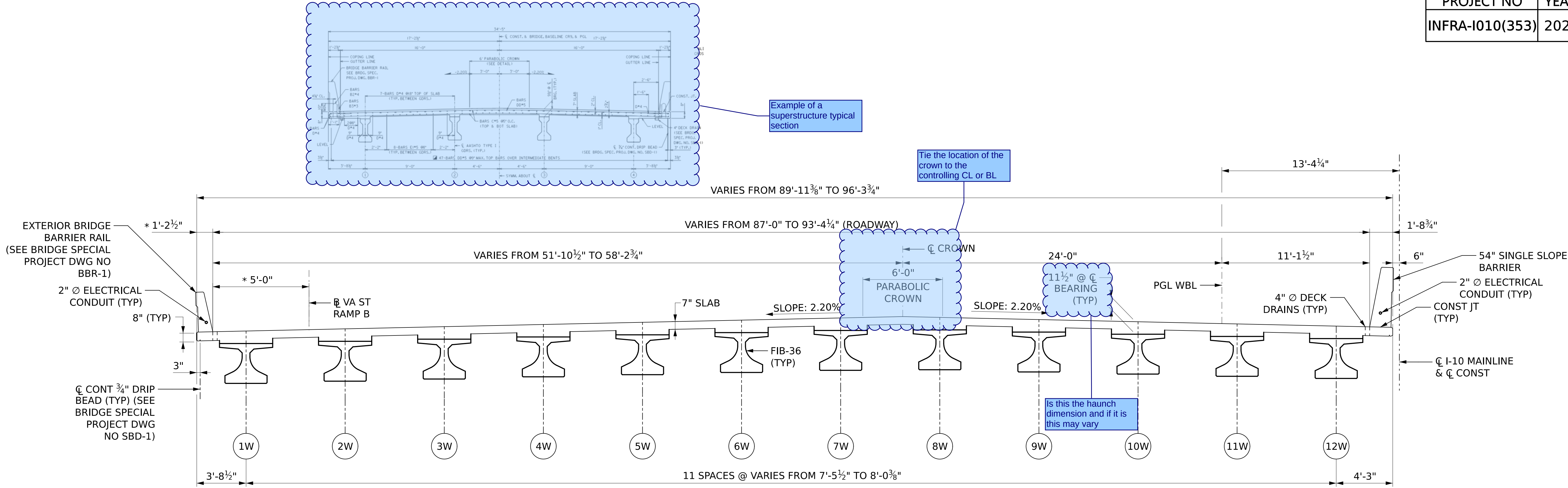
 ALABAMA DEPARTMENT OF TRANSPORTATION	A	JQA	02/21/2025	60% INTERIM SUBMITTAL	PE STAMP	PE STAMP	QR CODE	 Kiewit	 KIEWIT MASSMAN TRAYLOR A JOINT VENTURE	 VOLKERT	PLAN SUBMITTAL	BIN(S)			DESIGNER: <u>JQA</u> DATE: _____	SHEET TITLE	
	B	JQA	06/16/2025	90% FINAL SUBMITTAL								021820 (WB) 021821 (EB)					MOBILE RIVER BRIDGE I-10 WB & EB OVER SOUTH CAR ST EB SPAN 1 DETAILS
												COUNTY(S)					
	REV. NO.	BY	DATE	DESCRIPTION OF REVISION								MOBILE					
	90%											BRIDGE SHEET NO. 16 OF 57					

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
INFRA-I010(353)	2025	S01-BR-03017

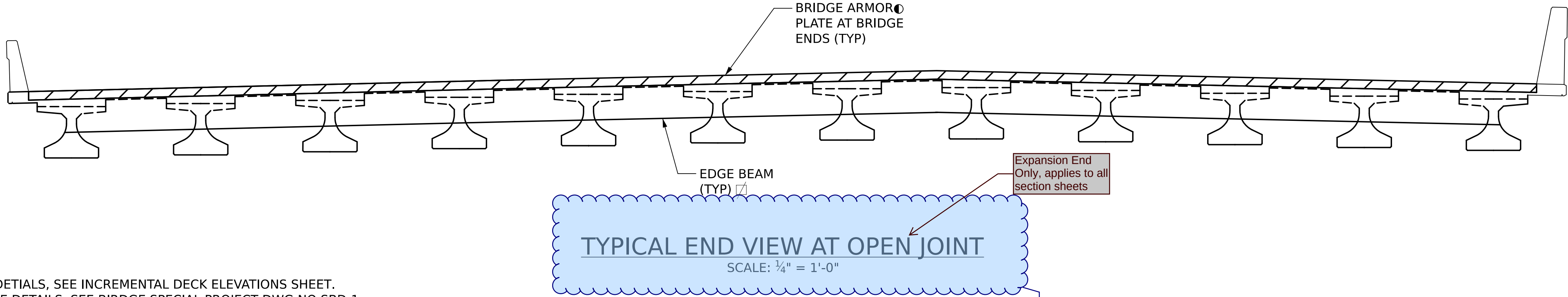
PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION



REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
INFRA-I010(353)	2025	S01-BR-03018



TYPICAL SECTION - WESTBOUND SPAN 1
SCALE: 1/4" = 1'-0"



- NOTES
1. FOR PARABOLIC CROWN DETAILS, SEE INCREMENTAL DECK ELEVATIONS SHEET.
 2. FOR BRIDGE ARMOR PLATE DETAILS, SEE BRIDGE SPECIAL PROJECT DWG NO SBD-1.
 3. FOR DECK DRAIN LOCATIONS, SEE SPAN DETAIL SHEETS. FOR DECK DRAIN DETAILS, SEE SPECIAL PROJECT DWG NO SBD-1.
 4. DIMENSIONS MEASURED PERPENDICULAR TO CL I-10 MAINLINE AND CL CONST.
 - * 5. DIMENSIONS MEASURED PERPENDICULAR TO VA ST RAMP B.
 6. FOR EDGE BEAM DETAILS, SEE FIB-36 EDGE BEAM DETAILS SHEETS.



ALABAMA
DEPARTMENT OF
TRANSPORTATION

A	JQA	02/21/2025	60% INTERIM SUBMITTAL
B	JQA	06/16/2025	90% FINAL SUBMITTAL
REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP
DATE

PE STAMP
DATE

QR
CODE



PLAN SUBMITTAL
90%

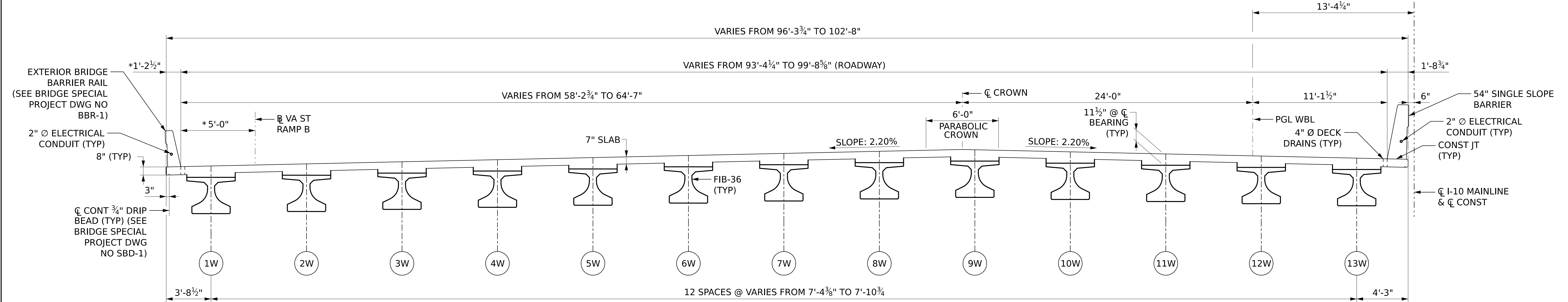
BIN(S)
021820 (WB) 021821 (EB)
COUNTY(S)
MOBILE

DESIGNER: JQA DATE: _____
BRIDGE SHEET NO. 18 OF 57

SHEET TITLE
MOBILE RIVER BRIDGE
I-10 WB & EB OVER SOUTH CAR ST
WB SPAN 1 TYPICAL

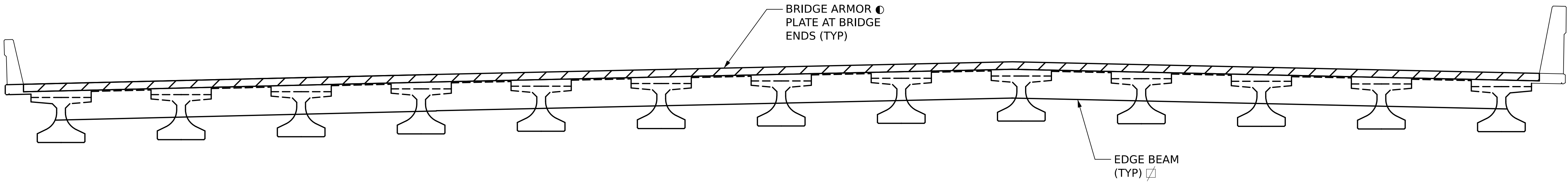
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
INFRA-I010(353)	2025	S01-BR-03019

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION



TYPICAL SECTION - WESTBOUND SPAN 2
SCALE: 1/4" = 1'-0"

See comments previous sheet

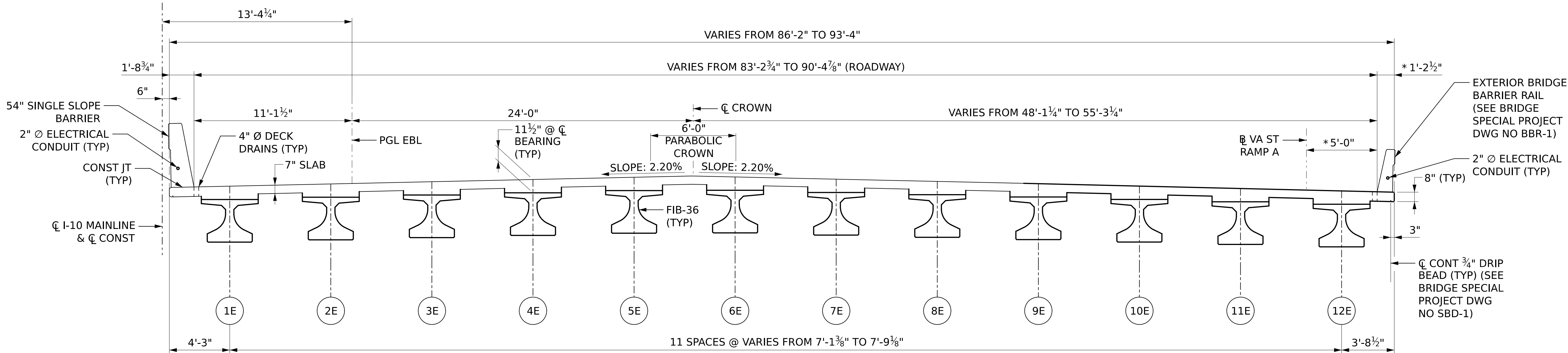


TYPICAL END VIEW AT OPEN JOINT
SCALE: 1/4" = 1'-0"

- NOTES
- FOR PARABOLIC CROWN DETAILS, SEE INCREMENTAL DECK ELEVATIONS SHEET.
 - FOR BRIDGE ARMOR PLATE DETAILS, SEE BRIDGE SPECIAL PROJECT DWG NO SBD-1.
 - FOR DECK DRAIN LOCATIONS, SEE SPAN DETAILS SHEETS. FOR DECK DRAIN DETAILS, SEE SPECIAL PROJECT DWG NO SBD-1.
 - DIMENSIONS MEASURED PERPENDICULAR TO CL I-10 MAINLINE AND CL CONST.
 - * DIMENSIONS MEASURED PERPENDICULAR TO VA ST RAMP B.
 - FOR EDGE BEAM DETAILS, SEE FIB-36 EDGE BEAM DETAILS SHEET.

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
INFRA-I010(353)	2025	S01-BR-03020

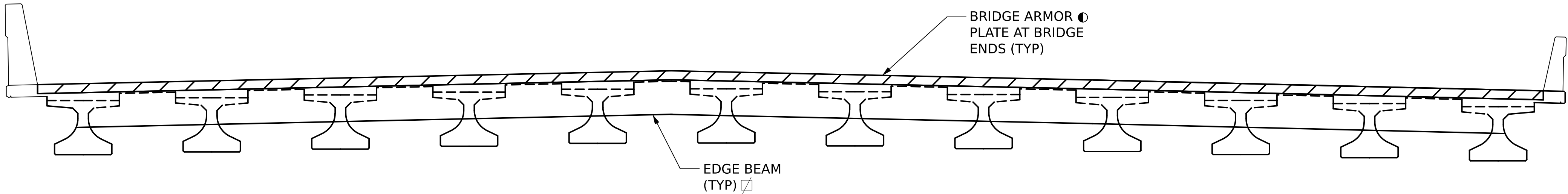
PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION



TYPICAL SECTION - EASTBOUND SPAN 1

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

[See Comments Previous Sheets](#)



TYPICAL END VIEW AT OPEN JOINT

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

NOTES

- FOR PARABOLIC CROWN DETAILS, SEE INCREMENTAL DECK ELEVATIONS SHEET.
- FOR BRIDGE ARMOR PLATE DETAILS, SEE BRIDGE SPECIAL PROJECT DWG NO SBD-1.
- FOR DECK DRAIN LOCATIONS, SEE SPAN DETAIL SHEETS. FOR DECK DRAIN DETAILS, SEE SPECIAL PROJECT DWG NO SBD-1.
- DIMENSIONS MEASURED PERPENDICULAR TO C I-10 MAINLINE AND C CONST.
- DIMENSIONS MEASURED PERPENDICULAR B VA ST RAMP A.
- FOR EDGE BEAM DETAILS, SEE FIB-36 EDGE BEAM DETAILS SHEETS.



ALABAMA
DEPARTMENT OF
TRANSPORTATION

A	JQA	02/21/2025	60% INTERIM SUBMITTAL
B	JQA	06/16/2025	90% FINAL SUBMITTAL
REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP

PE STAMP

QR
CODE



PLAN SUBMITTAL

90%

BIN(S)

021820 (WB)
021821 (EB)

COUNTY(S)

MOBILE

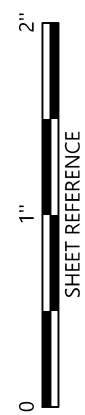
DESIGNER: JQA

DATE:

BRIDGE SHEET NO. 20 OF 57

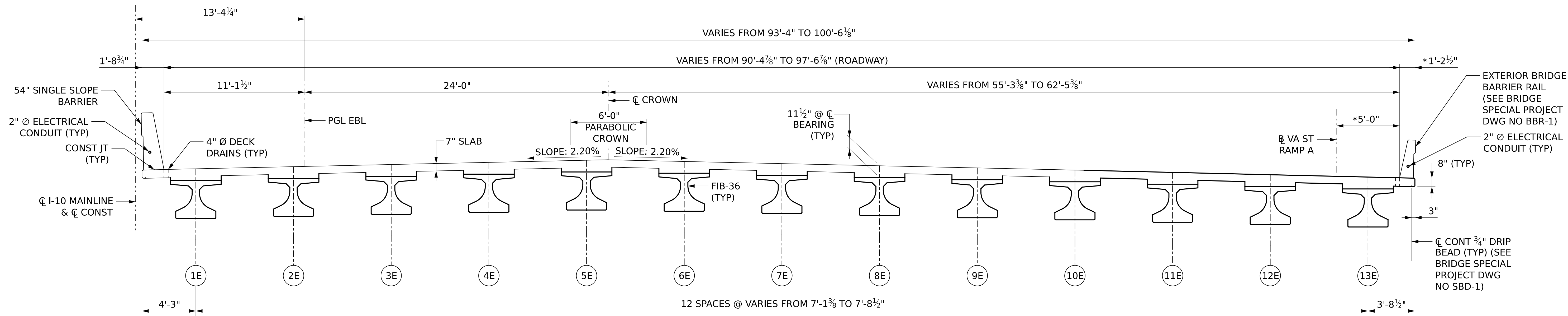
SHEET TITLE

MOBILE RIVER BRIDGE
I-10 WB & EB OVER SOUTH CAR ST
EB SPAN 1 TYPICAL



REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
INFRA-I010(353)	2025	S01-BR-03021

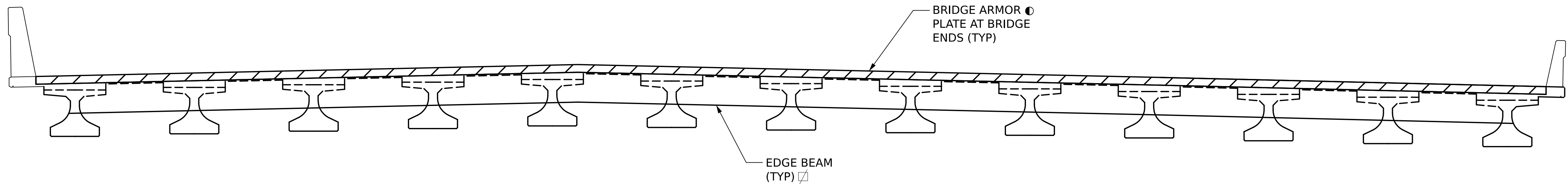
PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION



TYPICAL SECTION - EASTBOUND SPAN 2

SCALE: $\frac{1}{4}" = 1'-0"$

See comments previous sheets



TYPICAL END VIEW AT OPEN JOINT

SCALE: $\frac{1}{4}" = 1'-0"$

NOTES

1. FOR PARABOLIC CROWN DETAILS, SEE INCREMENTAL DECK ELEVATIONS SHEET.
2. FOR BRIDGE ARMOR PLATE DETAILS, SEE BRIDGE SPECIAL PROJECT DWG NO SBD-1.
3. FOR DECK DRAIN LOCATIONS, SEE SPAN DETAIL SHEETS. FOR DECK DRAIN DETAILS, SEE SPECIAL PROJECT DWG NO SBD-1.
4. DIMENSIONS MEASURED PERPENDICULAR TO CL I-10 MAINLINE AND CL CONST.
- * 5. DIMENSIONS MEASURED PERPENDICULAR CL VA ST RAMP A.
6. FOR EDGE BEAM DETAILS, SEE FIB-36 EDGE BEAM DETAIL SHEETS.

 ALABAMA DEPARTMENT OF TRANSPORTATION	A	JQA	02/21/2025	60% INTERIM SUBMITTAL	  		PLAN SUBMITTAL	BIN(S) 021820 (WB) 021821 (EB)	DESIGNER: <u>JQA</u> DATE: _____	SHEET TITLE MOBILE RIVER BRIDGE I-10 WB & EB OVER SOUTH CAR ST EB SPAN 2 TYPICAL
	B	JQA	06/16/2025	90% FINAL SUBMITTAL						
REV. NO.	BY	DATE	DESCRIPTION OF REVISION		DATE	DATE	90%	COUNTY(S) MOBILE	BRIDGE SHEET NO. 21 OF 57	

MARB-S01-BR-03021.dgn

kirk.mcdonald

9:13:15 AM

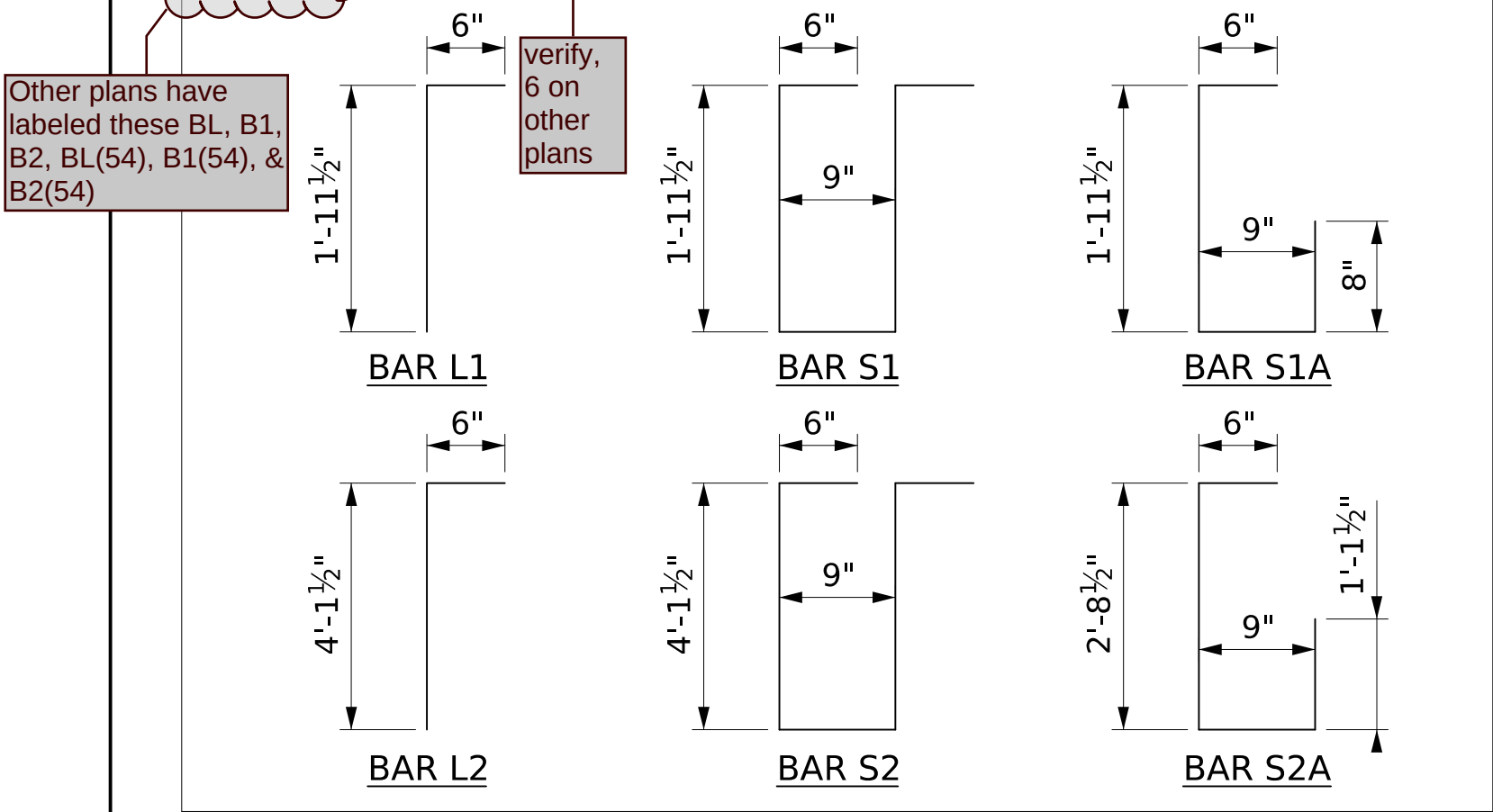
6/26/2025

BILL OF REINFORCEMENT WESTBOUND SPAN 1					
MARK	SIZE	NO.	LENGTH	LOCATION	BENDING
C1	5	59	46'-7 5/8"	DECK	STRAIGHT
C2	5	59	47'-2 1/4"	DECK	STRAIGHT
C3	5	59	47'-8 1/8"	DECK	STRAIGHT
C4	5	59	48'-2 3/4"	DECK	STRAIGHT
C5	5	59	48'-8 3/4"	DECK	STRAIGHT
C6	5	59	49'-3 1/4"	DECK	STRAIGHT
A1	5	59	49'-4"	DECK	STRAIGHT
A2	5	59	42'-4 5/8"	DECK	STRAIGHT
A3	5	59	52'-4 1/2"	DECK	STRAIGHT
A4	5	59	44'-3 1/2"	DECK	STRAIGHT
A5	5	59	52'-9 1/8"	DECK	STRAIGHT
A6	5	59	45'-2 7/8"	DECK	STRAIGHT
A7	5	177	6'-7"	DECK	STRAIGHT
D1	4	238	60'-0"	DECK	STRAIGHT
D2	4	234	27'-11 3/4"	DECK	STRAIGHT
D3-D5	4	4	VARIES 21'-1 1/4" TO 7'-3 1/8"	DECK	STRAIGHT
D6-D14	4	12	VARIES 58'-10" TO 3'-5 1/2"	DECK	STRAIGHT
D15	4	10	45'-0"	DECK	STRAIGHT
D16	4	14	44'-6"	DECK	STRAIGHT

ABUTMENT 1					
L1	5	12	2'-5 1/2"	EDGE BEAM	SEE DIAG
R1	8	10	4'-8"	EDGE BEAM	STRAIGHT
R2	8	2	2'-4"	EDGE BEAM	STRAIGHT
S1	5	44	5'-8"	EDGE BEAM	SEE DIAG
S1A	5	22	3'-10 1/2"	EDGE BEAM	SEE DIAG
W1	5	4	44'-0"	EDGE BEAM	STRAIGHT
W2	5	22	6'-7"	EDGE BEAM	STRAIGHT

BENT 2 DS					
L1	5	8	2'-5 1/2"	EDGE BEAM	SEE DIAG
L2	5	4	4'-7 1/2"	EDGE BEAM	SEE DIAG
R1	8	10	4'-8"	EDGE BEAM	STRAIGHT
R2	8	2	2'-4"	EDGE BEAM	STRAIGHT
S1	5	45	5'-8"	EDGE BEAM	SEE DIAG
S1A	5	18	3'-10 1/2"	EDGE BEAM	SEE DIAG
S2	5	10	10'-0"	EDGE BEAM	SEE DIAG
S2A	5	4	5'-1"	EDGE BEAM	SEE DIAG
W1	5	4	45'-9"	EDGE BEAM	STRAIGHT
W1A	5	2	8'-3 7/8"	EDGE BEAM	STRAIGHT
W1B	5	4	3'-11 3/8"	EDGE BEAM	STRAIGHT
W2	5	22	7'-1 7/8"	EDGE BEAM	STRAIGHT
W3	5	2	5'-11 1/2"	EDGE BEAM	STRAIGHT

BARRIERS					
BL-1	4	16	87'-4 1/2"	BARRIER	*STRAIGHT
B1-1	4	176	5'-10 1/2"	BARRIER	▲ SEE DIAG
B2-1	4	176	4'-6"	BARRIER	▲ SEE DIAG
BL-2	5	24	86'-5 3/4"	BARRIER	*STRAIGHT
B1-2	5	174	9'-1 1/4"	BARRIER	● SEE DIAG
B2-2	5	174	5'-7 1/4"	BARRIER	● SEE DIAG

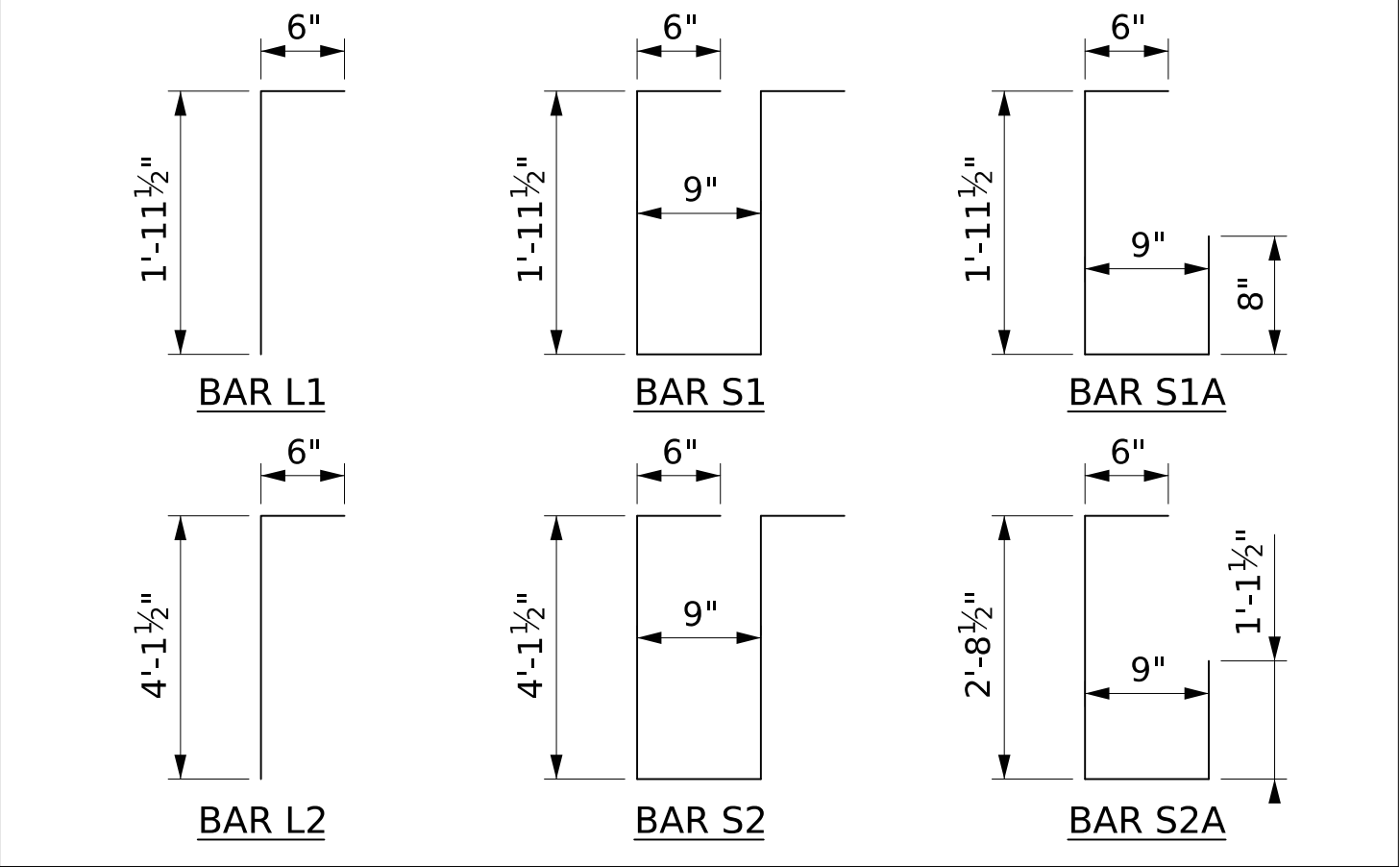


BILL OF REINFORCEMENT WESTBOUND SPAN 2					
MARK	SIZE	NO.	LENGTH	LOCATION	BENDING
C1	5	59	46'-0"	DECK	STRAIGHT
C2	5	59	54'-1 5/8"	DECK	STRAIGHT
C3	5	59	46'-11 5/8"	DECK	STRAIGHT
C4	5	59	55'-3 1/4"	DECK	STRAIGHT
C5	5	59	47'-11 1/8"	DECK	STRAIGHT
C6	5	59	56'-4 3/4"	DECK	STRAIGHT
A1	5	59	48'-8 7/8"	DECK	STRAIGHT
A2	5	59	49'-3 1/2"	DECK	STRAIGHT
A3	5	59	50'-10 1/8"	DECK	STRAIGHT
A4	5	59	51'-4 3/4"	DECK	STRAIGHT
A5	5	59	51'-10 5/8"	DECK	STRAIGHT
A6	5	59	52'-5 1/4"	DECK	STRAIGHT
A7	5	177	6'-7"	DECK	STRAIGHT
D1	4	256	60'-0"	DECK	STRAIGHT
D2	4	252	27'-11 3/4"	DECK	STRAIGHT
D3-D5	4	4	VARIES 21'-1 1/4" TO 7'-3 1/4"	DECK	STRAIGHT
D6-D14	4	12	VARIES 58'-10" TO 3'-5 1/2"	DECK	STRAIGHT
D15	4	10	45'-0"	DECK	STRAIGHT
D16	4	14	44'-6"	DECK	STRAIGHT

BENT 2 US					
L1	5	13	2'-5 1/2"	EDGE BEAM	SEE DIAG
R1	8	11	4'-8"	EDGE BEAM	STRAIGHT
R2	8	2	2'-4"	EDGE BEAM	STRAIGHT
S1	5	48	5'-8"	EDGE BEAM	SEE DIAG
S1A	5	24	3'-10 1/2"	EDGE BEAM	SEE DIAG
W1	5	4	45'-9"	EDGE BEAM	STRAIGHT
W2	5	24	6'-6 7/8"	EDGE BEAM	STRAIGHT

ABUTMENT 3					
L1	5	9	2'-5 1/2"	EDGE BEAM	SEE DIAG
L2	5	4	4'-7 1/2"	EDGE BEAM	SEE DIAG
R1	8	11	4'-8"	EDGE BEAM	STRAIGHT
R2	8	2	2'-4"	EDGE BEAM	STRAIGHT
S1	5	50	5'-8"	EDGE BEAM	SEE DIAG
S1A	5	20	3'-10 1/2"	EDGE BEAM	SEE DIAG
S2	5	10	10'-0"	EDGE BEAM	SEE DIAG
S2A	5	4	5'-1"	EDGE BEAM	SEE DIAG
W1	5	4	49'-0"	EDGE BEAM	STRAIGHT
W1A	5	2	8'-2 1/4"	EDGE BEAM	STRAIGHT
W1B	5	4	3'-9 3/4"	EDGE BEAM	STRAIGHT
W2	5	24	7'-0 1/4"	EDGE BEAM	STRAIGHT
W3	5	2	5'-9 7/8"	EDGE BEAM	STRAIGHT

BARRIERS					
BL-1	4	16	87'-4 1/2"	BARRIER	*STRAIGHT
B1-1	4	176	5'-10 1/2"	BARRIER	▲ SEE DIAG
B2-1	4	176	4'-6"	BARRIER	▲ SEE DIAG
BL-2	5	24	86'-5 3/4"	BARRIER	*STRAIGHT
B1-2	5	174	9'-1 1/4"	BARRIER	● SEE DIAG
B2-2	5	174	5'-7 1/4"	BARRIER	● SEE DIAG

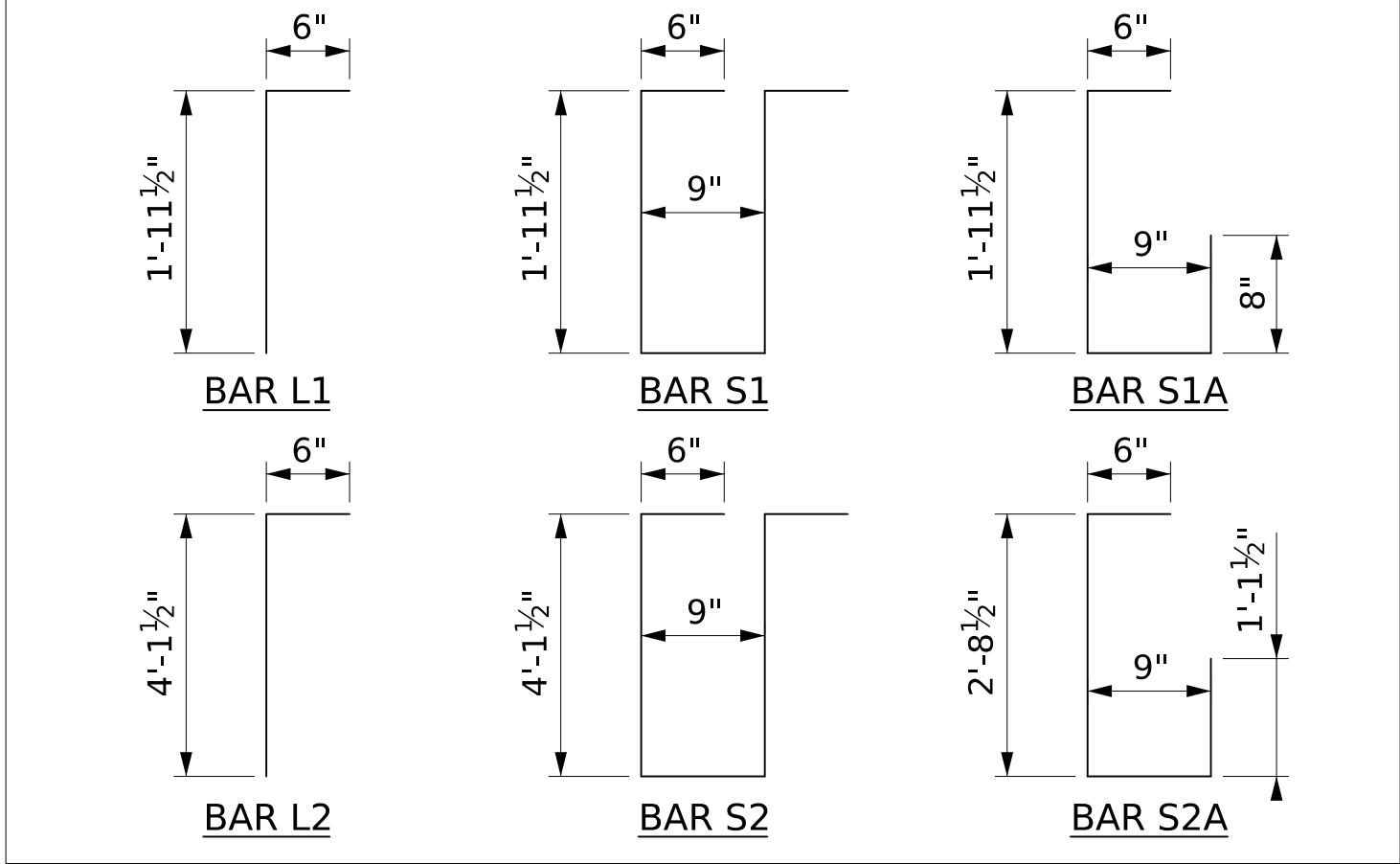


BILL OF REINFORCEMENT EASTBOUND SPAN 1					
MARK	SIZE	NO.	LENGTH	LOCATION	BENDING
C1	5	59	45'-4 7/8"	DECK	STRAIGHT
C2	5	59	44'-10 1/2"	DECK	STRAIGHT
C3	5	59	46'-7 1/8"	DECK	STRAIGHT
C4	5	59	46'-0 5/8"	DECK	STRAIGHT
C5	5	59	47'-9 1/4"	DECK	STRAIGHT
C6	5	59	47'-2 3/4"	DECK	STRAIGHT
A1	5	59	49'-1 1/8"	DECK	STRAIGHT
A2	5	59	42'-5 1/4"	DECK	STRAIGHT
A3	5	59	50'-4 5/8"	DECK	STRAIGHT
A4	5	59	42'-6 1/4"	DECK	STRAIGHT
A5	5	59	51'-8"	DECK	STRAIGHT
A6	5	59	43'-3 7/8"	DECK	STRAIGHT
A7	5	177	6'-7"	DECK	STRAIGHT
D1	4	229	60'-0"	DECK	STRAIGHT
D2	4	224	27'-11 3/4"	DECK	STRAIGHT
D3-D6	4	5	VARIES 2'-9" TO 3'-4 1/4"	DECK	STRAIGHT
D7-D15	4	12	VARIES 55'-8 5/8" TO 6'-7 3/4"	DECK	STRAIGHT
D16	4	10	44'-6"	DECK	STRAIGHT
D17	4	14	44'-0"	DECK	STRAIGHT

ABUTMENT 1					
L1	5	12	2'-5 1/2"	EDGE BEAM	SEE DIAG
R1	8	10	4'-8"	EDGE BEAM	STRAIGHT
R2	8	2	2'-4"	EDGE BEAM	STRAIGHT
S1	5	44	5'-8"	EDGE BEAM	SEE DIAG
S1A	5	22	3'-10 1/2"	EDGE BEAM	SEE DIAG
W1	5	4	40'-7 3/4"	EDGE BEAM	STRAIGHT
W2	5	22	6'-2 3/4"	EDGE BEAM	STRAIGHT

BENT 2 DS					
L1	5	8	2'-5 1/2"	EDGE BEAM	SEE DIAG
L2	5	4	4'-7 1/2"	EDGE BEAM	SEE DIAG
R1	8	10	4'-8"	EDGE BEAM	STRAIGHT
R2	8	2	2'-4"	EDGE BEAM	STRAIGHT
S1	5	45	5'-8"	EDGE BEAM	SEE DIAG
S1A	5	18	3'-10 1/2"	EDGE BEAM	SEE DIAG
S2	5	10	10'-0"	EDGE BEAM	SEE DIAG
S2A	5	4	5'-1"	EDGE BEAM	SEE DIAG
W1	5	4	45'-0"	EDGE BEAM	STRAIGHT
W1A	5	2	8'-0 5/8"	EDGE BEAM	STRAIGHT
W1B	5	4	3'-8"	EDGE BEAM	STRAIGHT
W2	5	22	6'-10 5/8"	EDGE BEAM	STRAIGHT
W3	5	2	5'-8 1/4"	EDGE BEAM	STRAIGHT

BARRIERS					
BL-1	5	24	86'-5 3/4"	BARRIER	*STRAIGHT
B1-1	5	174	9'-1 1/4"	BARRIER	● SEE DIAG
B2-1	5	174	5'-7 1/4"	BARRIER	● SEE DIAG
BL-2	4	16	86'-0 1/4"	BARRIER	*STRAIGHT
B1-2	4	174	5'-10 1/2"	BARRIER	▲ SEE DIAG
B2-2	4	174	4'-6"	BARRIER	▲ SEE DIAG

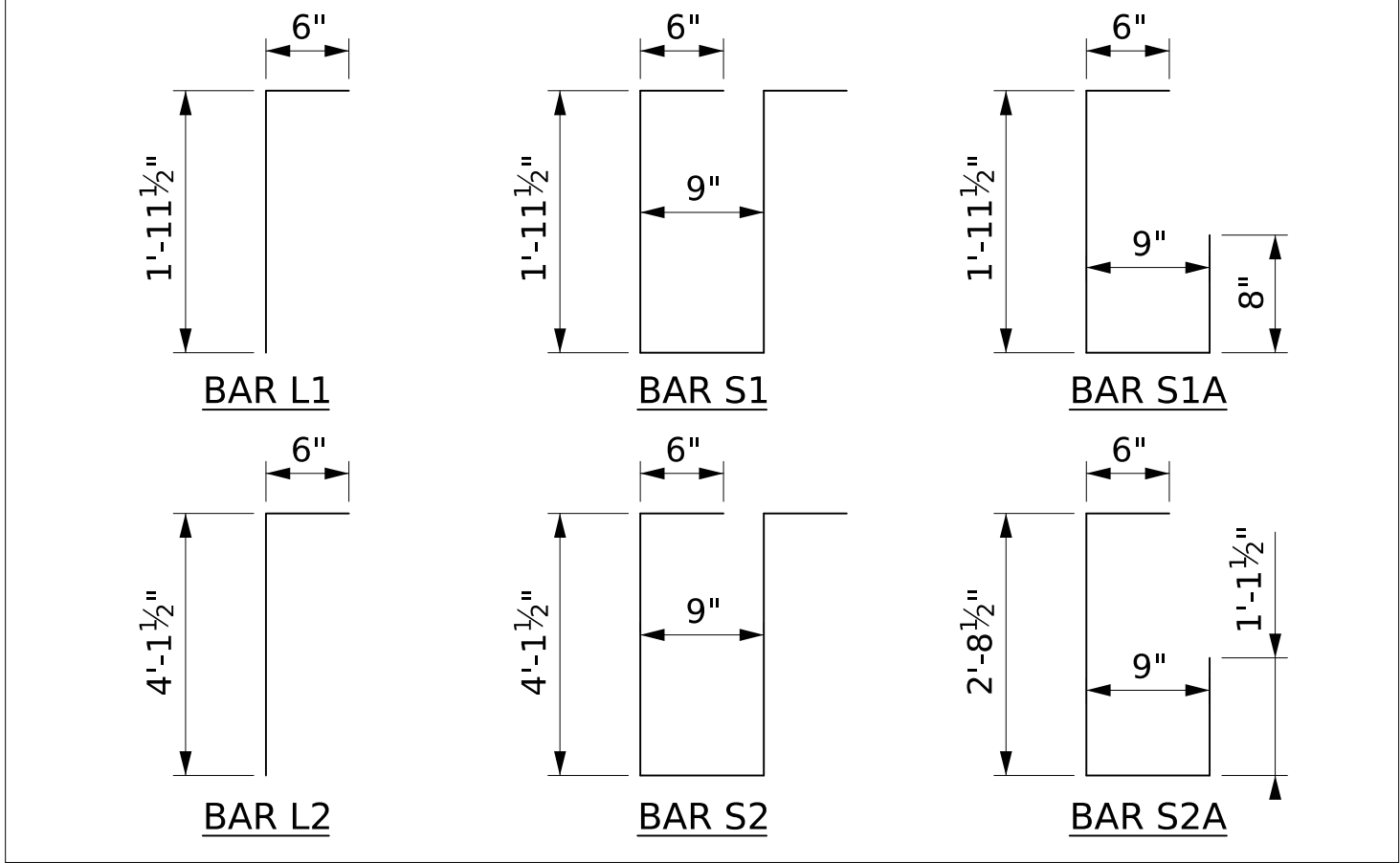


BILL OF REINFORCEMENT EASTBOUND SPAN 2					
MARK	SIZE	NO.	LENGTH	LOCATION	BENDING
C1	5	59	45'-3 5/8"	DECK	STRAIGHT
C2	5	59	52'-1 3/8"	DECK	STRAIGHT
C3	5	59	46'-4 5/8"	DECK	STRAIGHT
C4	5	59	53'-4 5/8"	DECK	STRAIGHT
C5	5	59	47'-5 1/2"	DECK	STRAIGHT
C6	5	59	54'-4"	DECK	STRAIGHT
A1	5	59	48'-11 5/8"	DECK	STRAIGHT
A2	5	59	48'-5 1/4"	DECK	STRAIGHT
A3	5	59	50'-1 7/8"	DECK	STRAIGHT
A4	5	59	49'-7 3/8"	DECK	STRAIGHT
A5	5	59	51'-4"	DECK	STRAIGHT
A6	5	59	50'-9 1/2"	DECK	STRAIGHT
A7	5	177	6'-7"	DECK	STRAIGHT
D1	4	247	60'-0"	DECK	STRAIGHT
D2	4	242	27'-11 3/8"	DECK	STRAIGHT
D3-D6	4	5	VARIES 21'-9 3/4" TO 3'-5"	DECK	STRAIGHT
D7-D15	4	12	VARIES 55'-9 3/8" TO 6'-8 1/2"	DECK	STRAIGHT
D16	4	10	44'-6"	DECK	STRAIGHT
D17	4	14	44'-0"	DECK	STRAIGHT

ABUTMENT 3					
L1	5	13	2'-5 1/2"	EDGE BEAM	SEE DIAG
R1	8	11	4'-8"	EDGE BEAM	STRAIGHT
R2	8	2	2'-4"	EDGE BEAM	STRAIGHT
S1	5	48	5'-8"	EDGE BEAM	SEE DIAG
S1A	5	24	3'-10 1/2"	EDGE BEAM	SEE DIAG
W1	5	4	44'-3 1/4"	EDGE BEAM	STRAIGHT
W2	5	24	6'-2 1/8"	EDGE BEAM	STRAIGHT

BENT 2 US					
L1	5	9	2'-5 1/2"	EDGE BEAM	SEE DIAG
L2	5	4	4'-7 1/2"	EDGE BEAM	SEE DIAG
R1	8	11	4'-8"	EDGE BEAM	STRAIGHT
R2	8	2	2'-4"	EDGE BEAM	STRAIGHT
S1	5	50	5'-8"	EDGE BEAM	SEE DIAG
S1A	5	20	3'-10 1/2"	EDGE BEAM	SEE DIAG
S2	5	10	10'-0"	EDGE BEAM	SEE DIAG
S2A	5	4	5'-1"	EDGE BEAM	SEE DIAG
W1	5	4	48'-0"	EDGE BEAM	STRAIGHT
W1A	5	2	8'-0"	EDGE BEAM	STRAIGHT
W1B	5	4	3'-7 1/2"	EDGE BEAM	STRAIGHT
W2	5	24	6'-10"	EDGE BEAM	STRAIGHT
W3	5	2	5'-7 5/8"	EDGE BEAM	STRAIGHT

BARRIERS					
BL-1	5	24	86'-5 3/4"	BARRIER	*STRAIGHT
B1-1	5	174	9'-1 1/4"	BARRIER	● SEE DIAG
B2-1	5	174	5'-7 1/4"	BARRIER	● SEE DIAG
BL-2	4	16	86'-0 1/4"	BARRIER	*STRAIGHT
B1-2	4	174	5'-10 1/2"	BARRIER	▲ SEE DIAG
B2-2	4	174	4'-6"	BARRIER	▲ SEE DIAG



▲ SEE BRDGE SPECIAL PROJECT DWG NO BBR-1.
● SEE 54" SINGLE SLOPE BARRIER SHEET.
* LENGTH OF BAR IS FOR FULL LENGTH OF SPAN. ACTUAL BAR LENGTH SHALL BE MODIFIED TO ACCOUNT FOR THE 3/4" OPEN JOINT. FOR BARRIER JOINT LOCATION, SEE SPAN DETAILS SHEETS.

ALABAMA
DEPARTMENT OF
TRANSPORTATION

A	JQA	02/21/2025	60% INTERIM SUBMITTAL
B	JQA	06/16/2025	90% FINAL SUBMITTAL
REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP

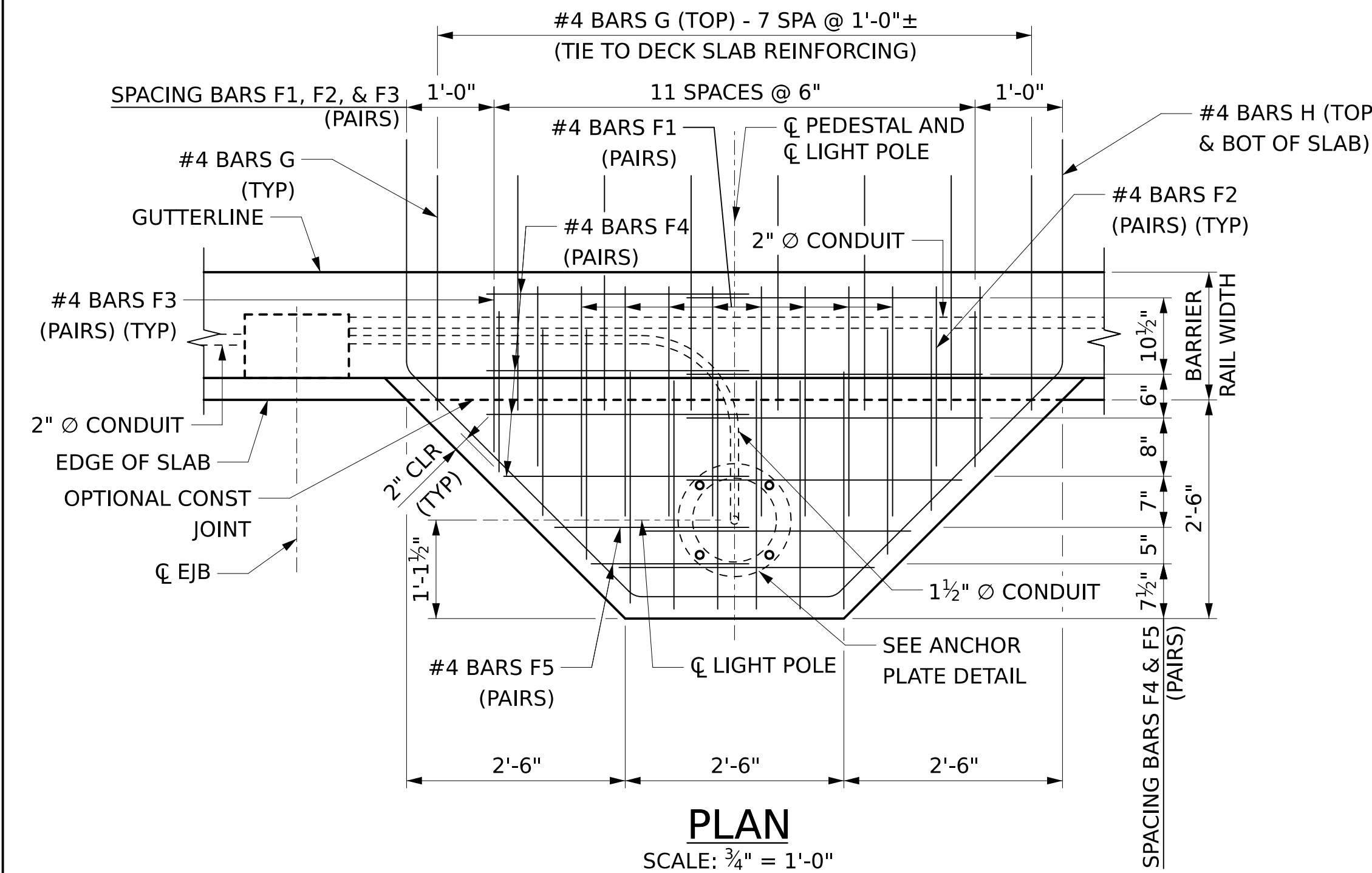
PE STAMP

QR CODE

Kiewit

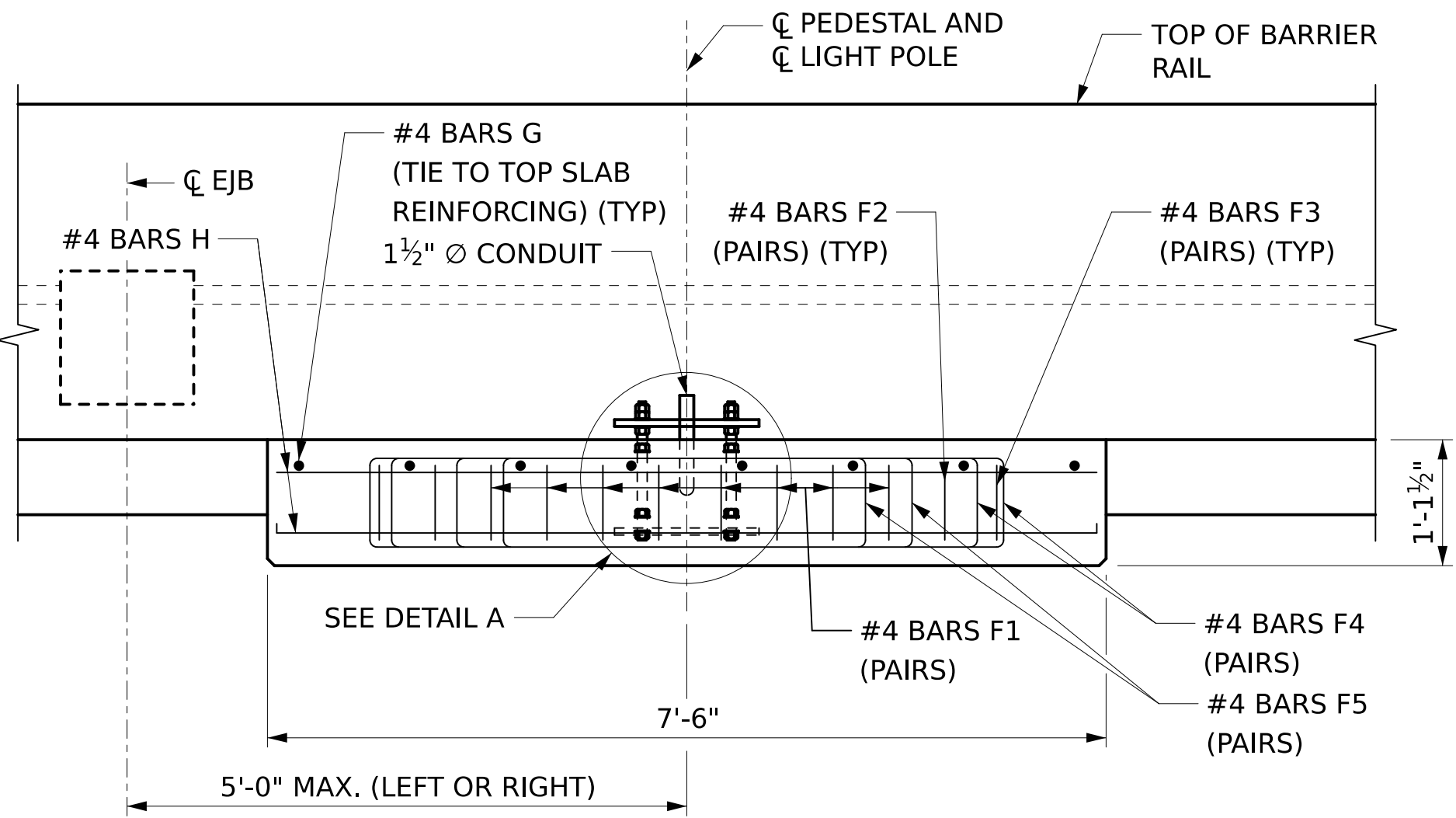
KIEWIT
MASSMAN
TRAYLOR
A JOINT VENTURE

PLAN SUBMITTAL	BIN(S)		DESIGNER: JQA	DATE:	BRIDGE SHEET NO. 22 OF 57	SHEET TITLE MOBILE RIVER BRIDGE I-10 WB & EB OVER SOUTH CAR ST SPAN REINFORCING
	COUNTY(S)					
90%	MOBILE					



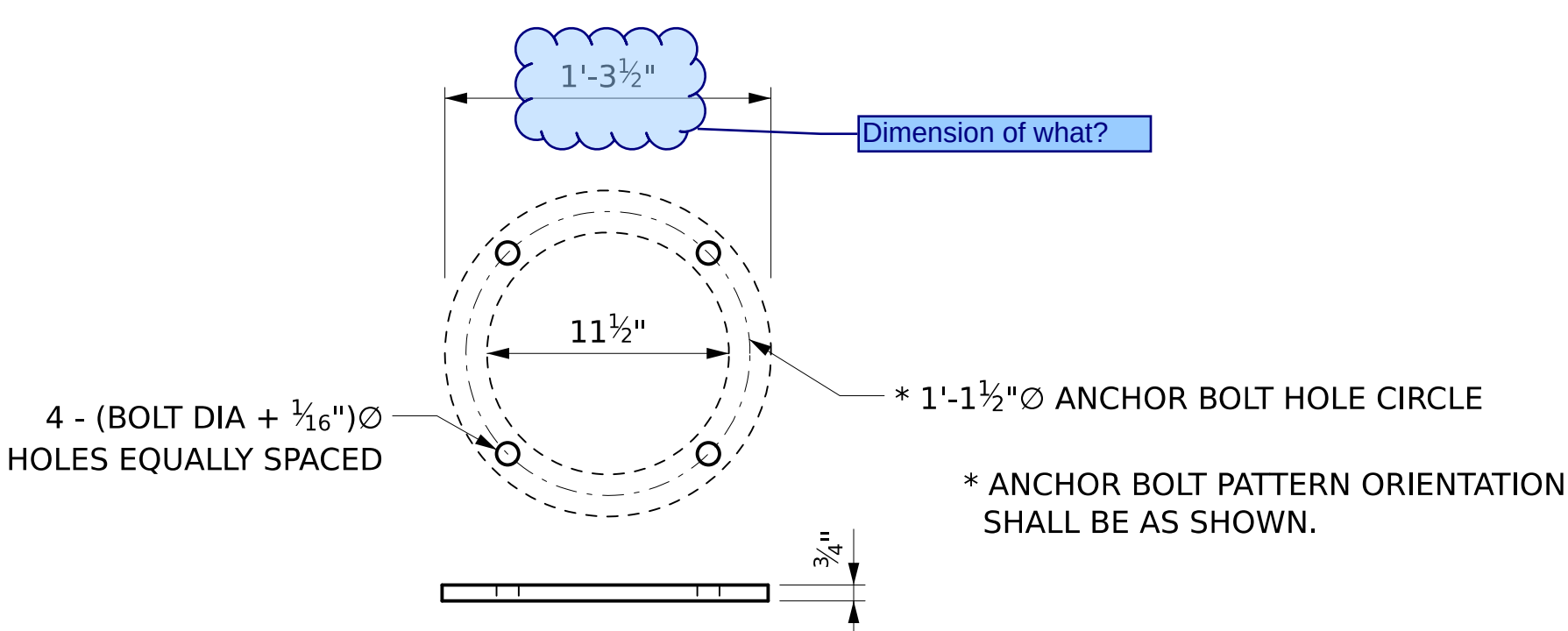
PLAN

SCALE: 3/4" = 1'-0"



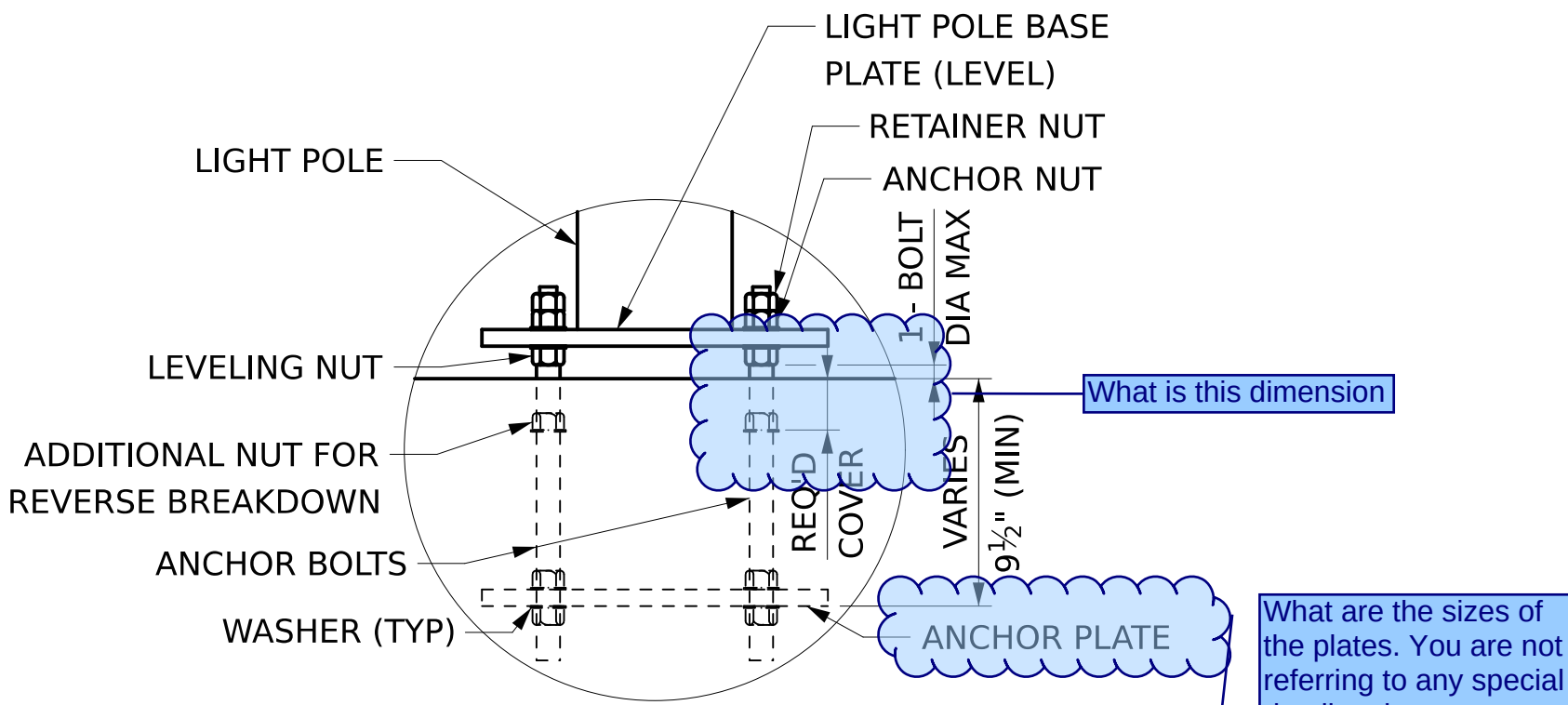
ELEVATION

SCALE: 3/4" = 1'-0"



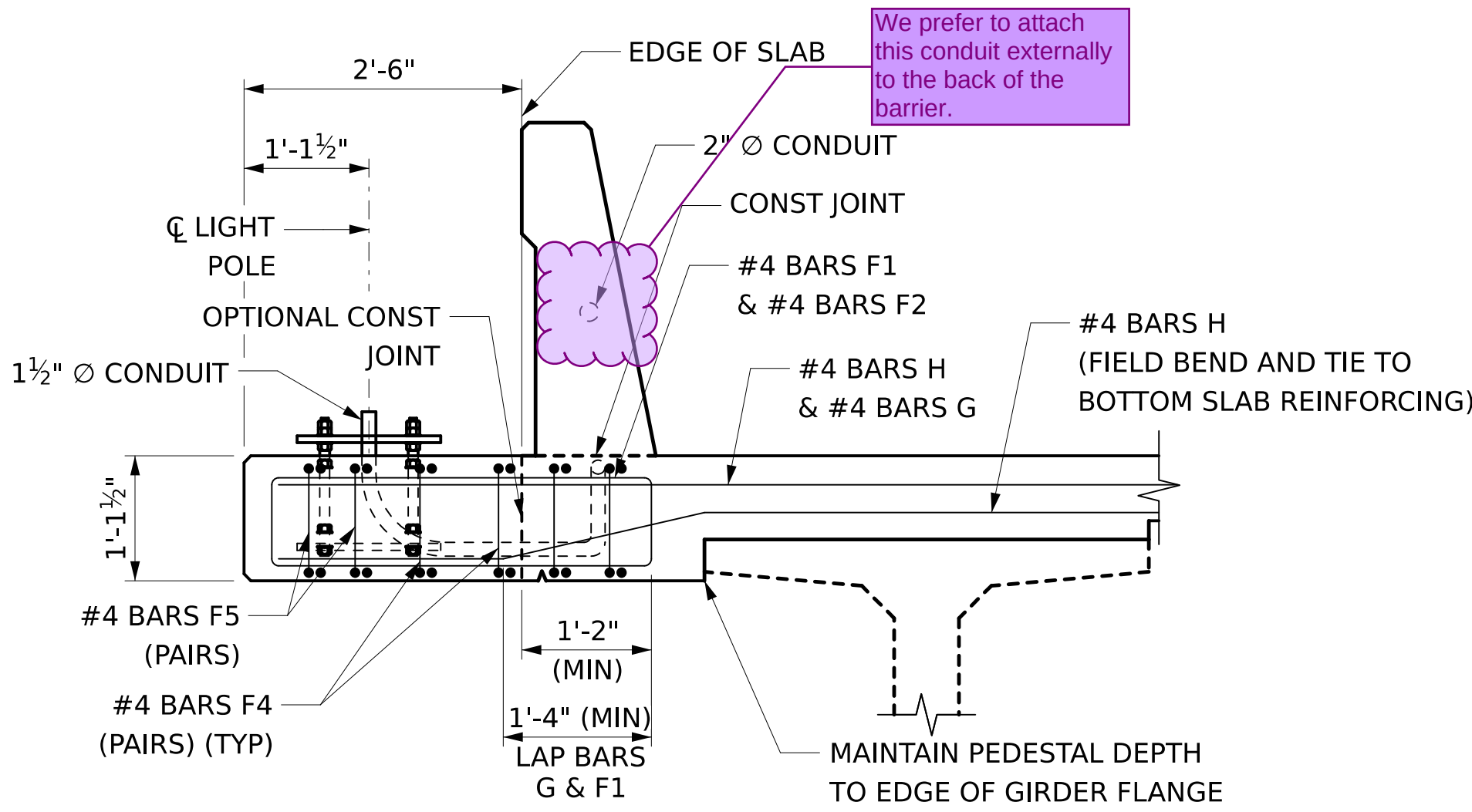
ANCHOR PLATE DETAIL

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



DETAIL A

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



TYPICAL SECTION

SCALE: 3/4" = 1'-0"

BILL OF REINFORCEMENT (PER EACH)					
MARK	SIZE	NO	LENGTH	LOCATION	BENDING
F1	4	16	6'-2"	RAIL	SEE DIAG
F2	4	4	5'-2"	RAIL	SEE DIAG
F3	4	4	4'-8"	RAIL	SEE DIAG
F4	4	8	8'-9"	RAIL	SEE DIAG
F5	4	4	6'-9"	RAIL	SEE DIAG
G	4	8	6'-0"	RAIL	STRAIGHT
H	4	2	16'-2"	RAIL	SEE DIAG

BARS F

F1 2'-9"
F2 2'-3"
F3 2'-0"
F4 4'-0"
F5 3'-0"

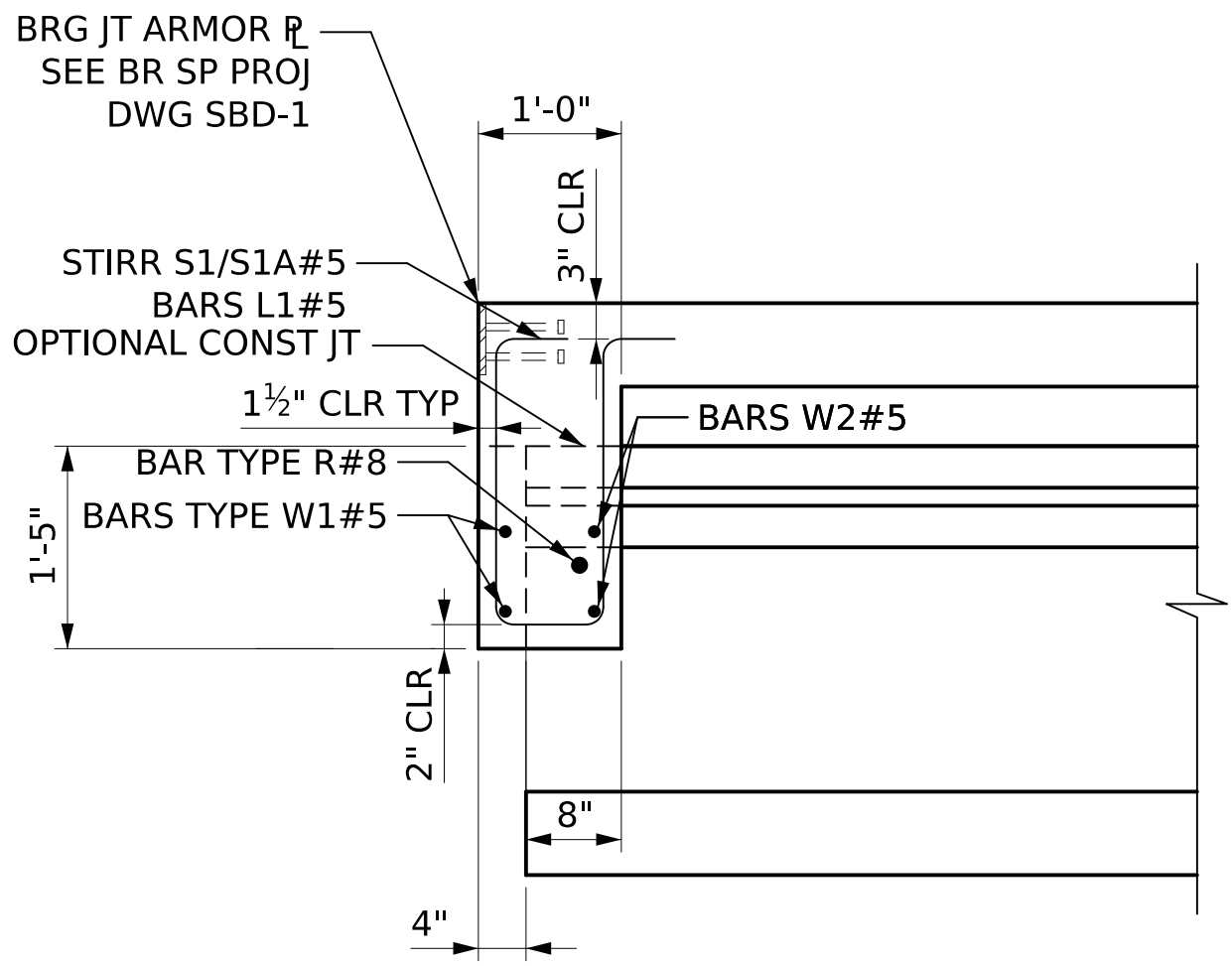
F1, F2, & F3 7 1/2"
F4 & F5 8 1/2"

BARS H

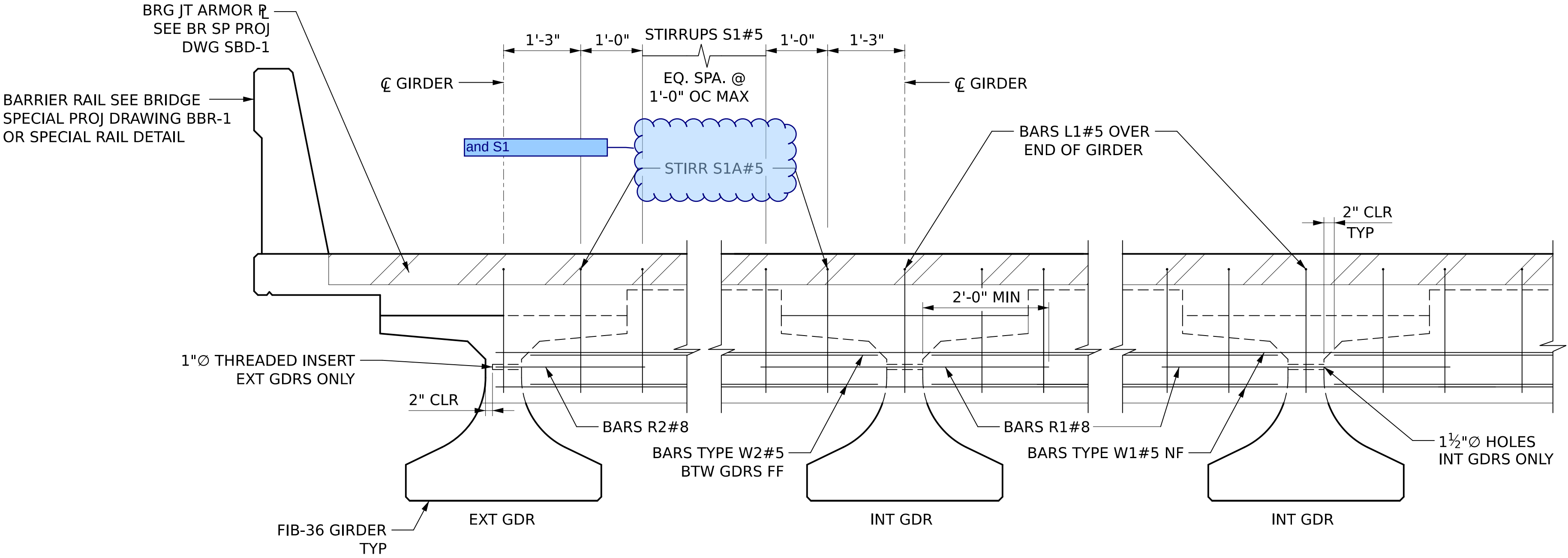
2'-7" 2'-4" 2'-7"

3'-3"
2'-7"

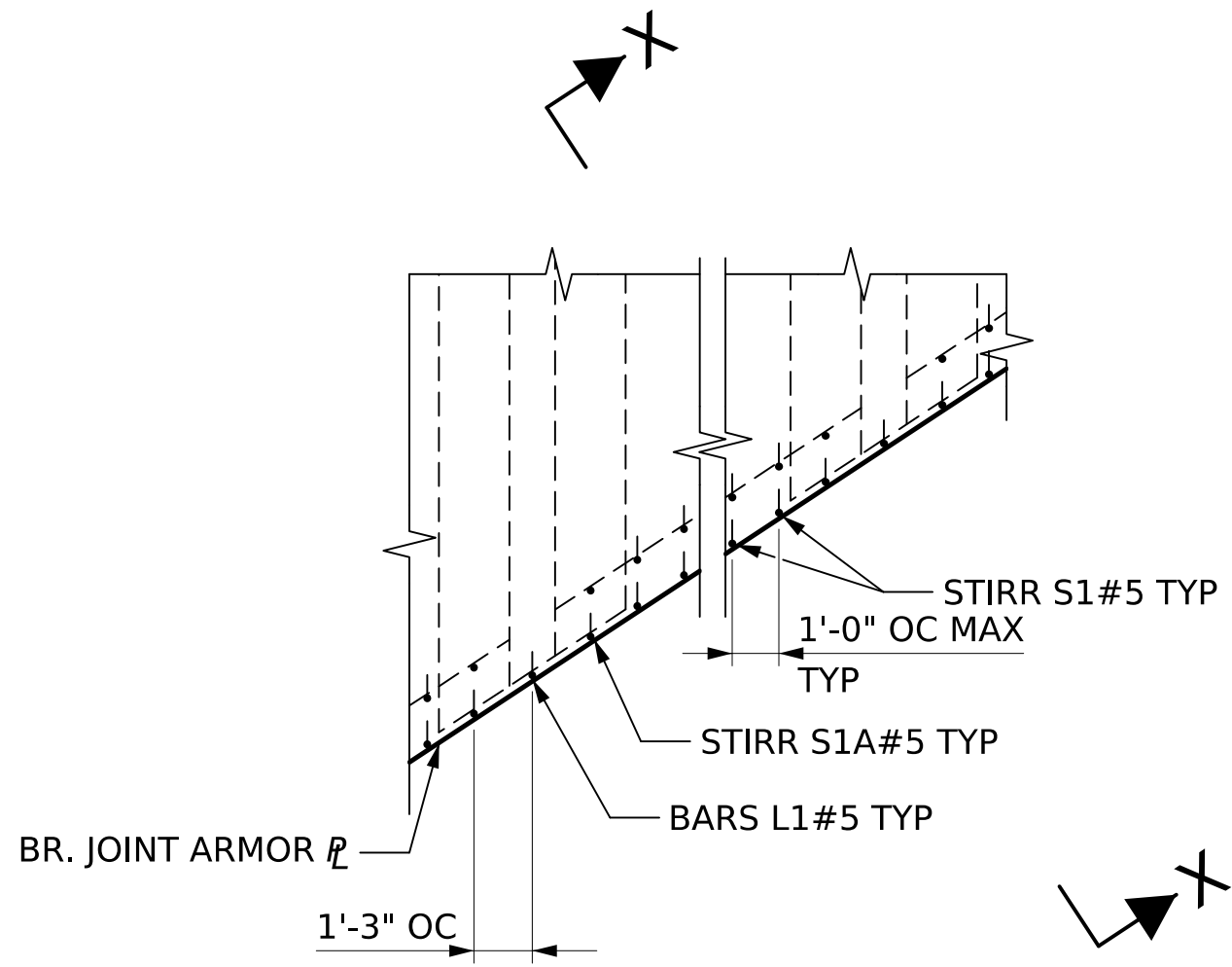
BAR BENDING DIAGRAM



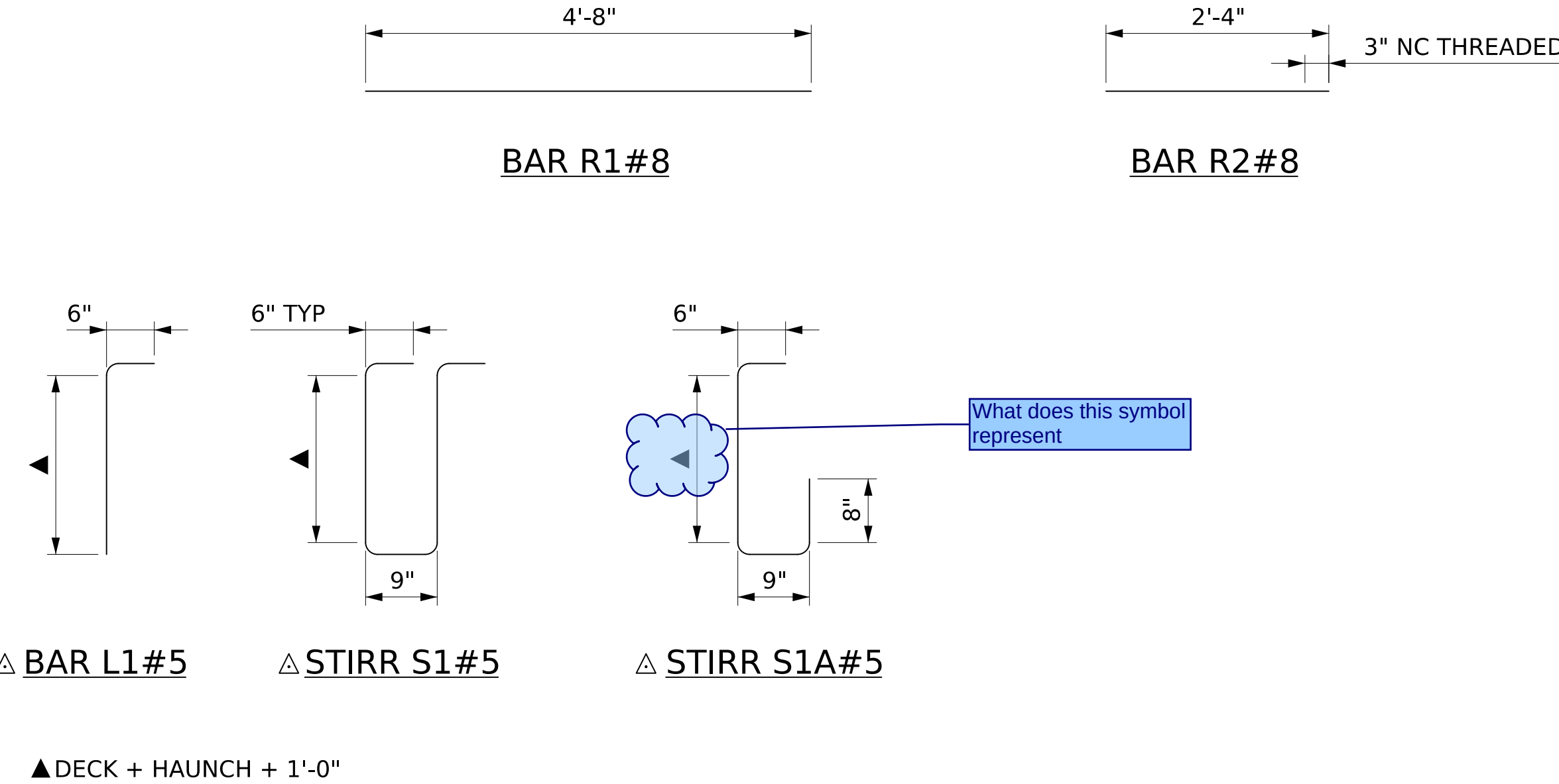
SECTION X-X
(OPEN JOINT)
SCALE: 3/4" = 1'-0"



EDGE BEAM @ OPEN JOINT ANY SKEW (EXPANSION)
SCALE: 3/4" = 1'-0"



PLAN - EDGE BEAM
@ OPEN JOINT (ANY SKEW)
SCALE: 3/4" = 1'-0"

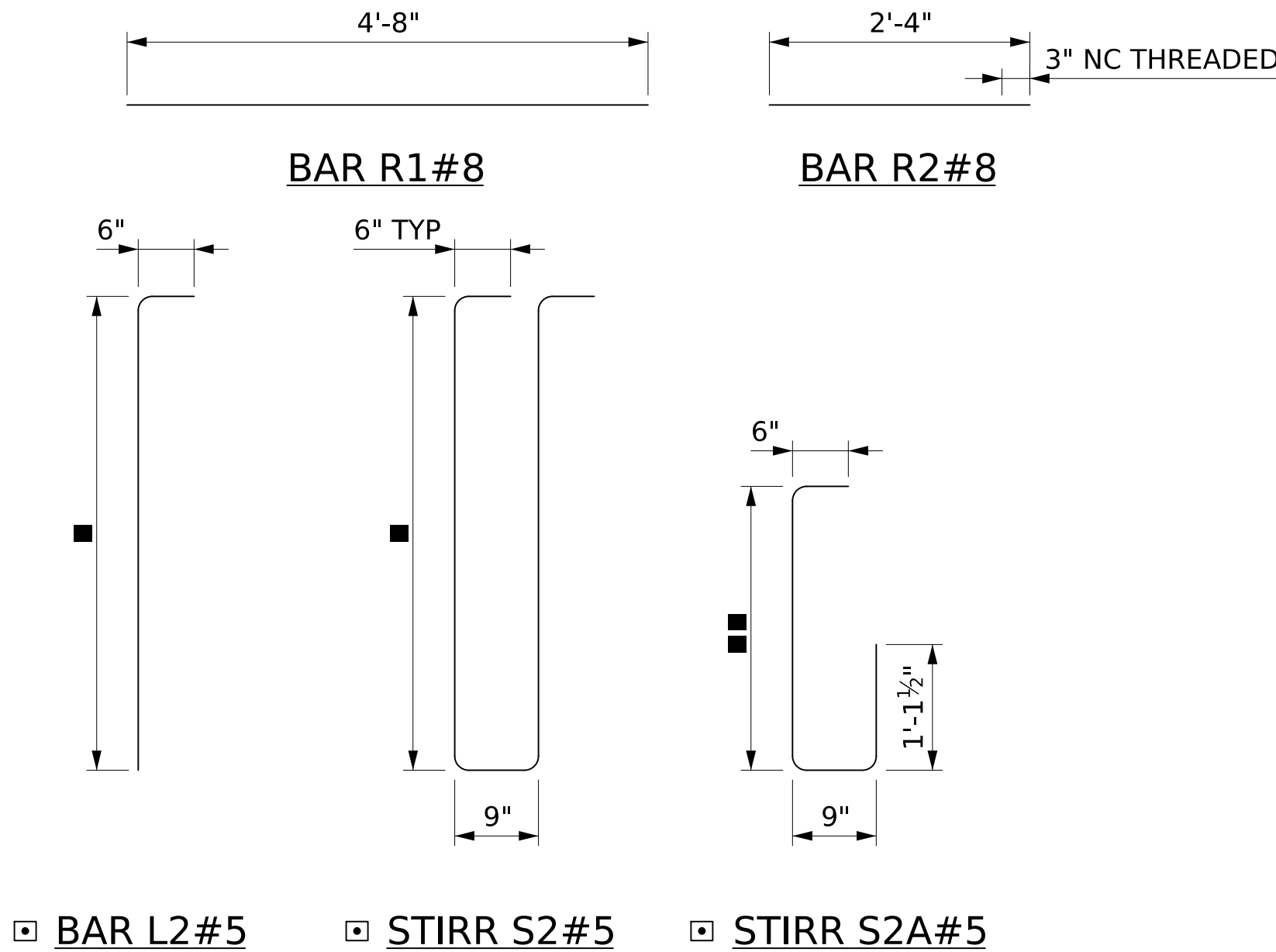
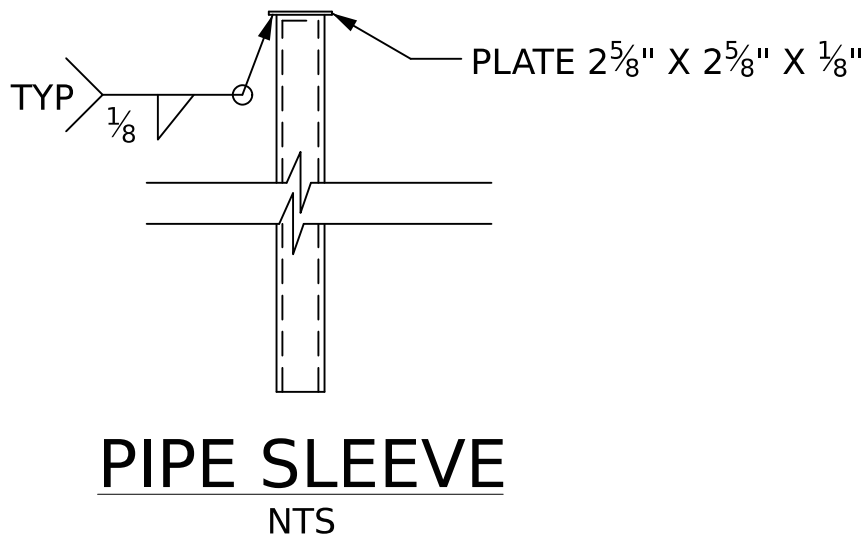
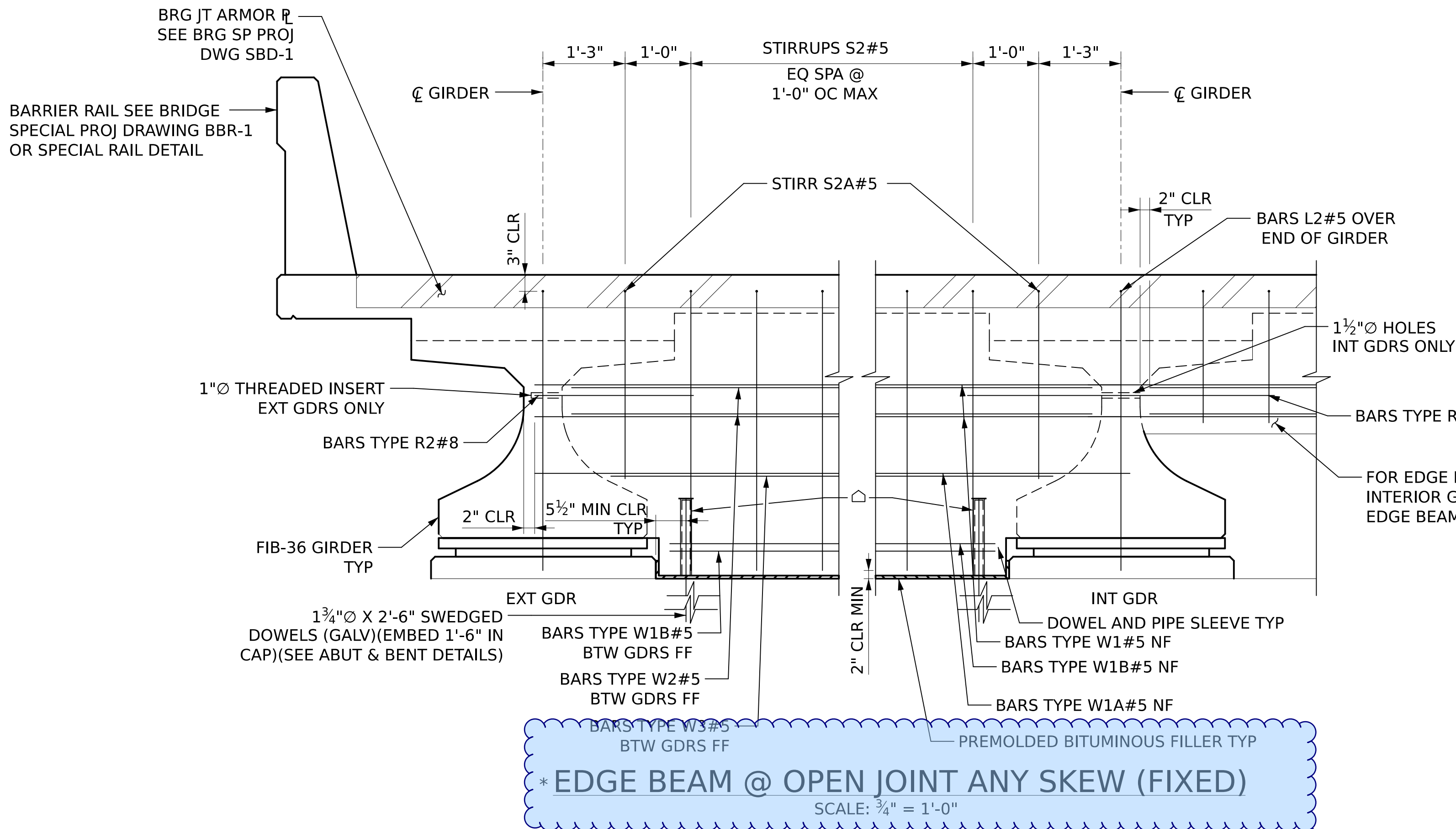
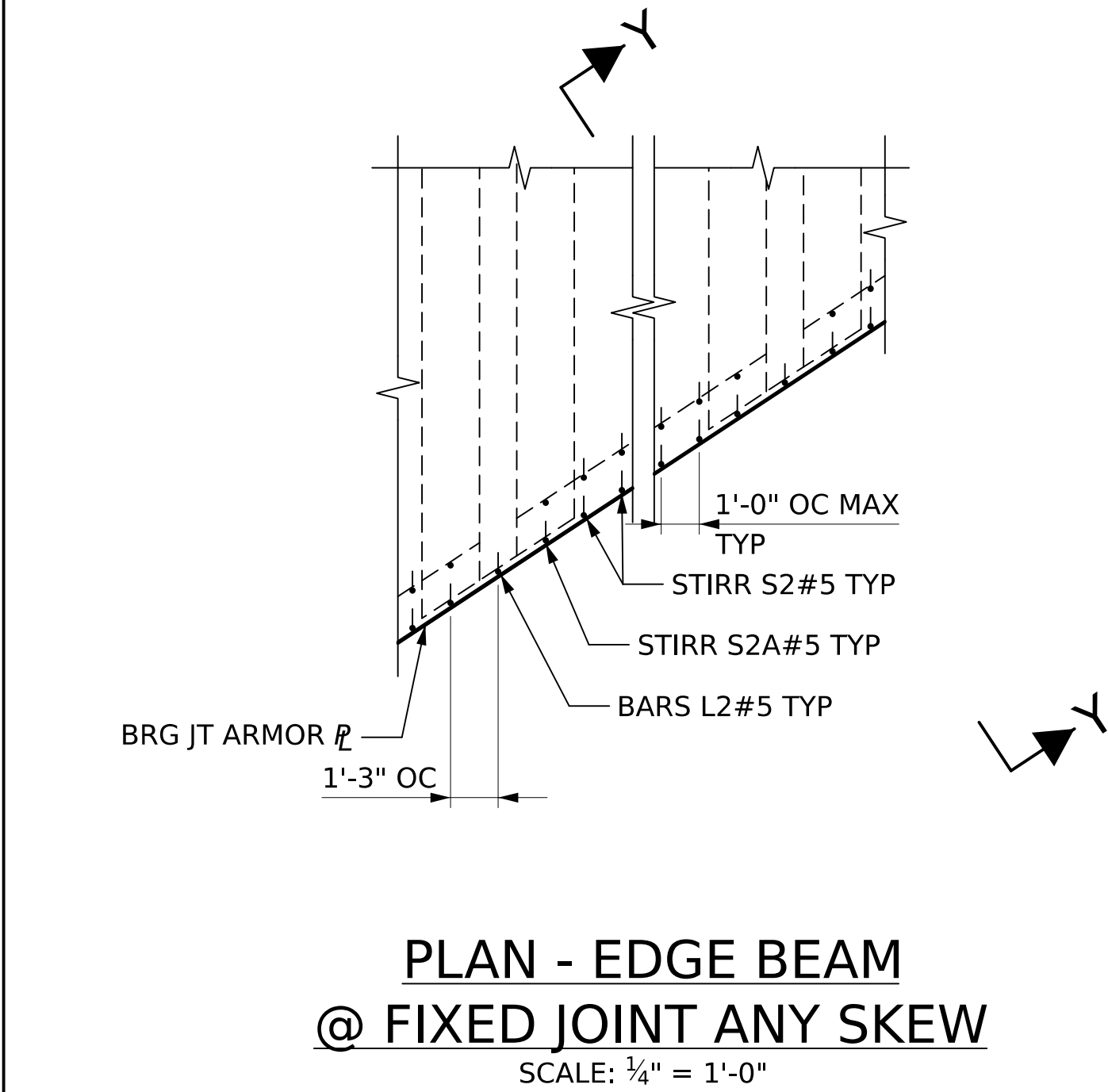
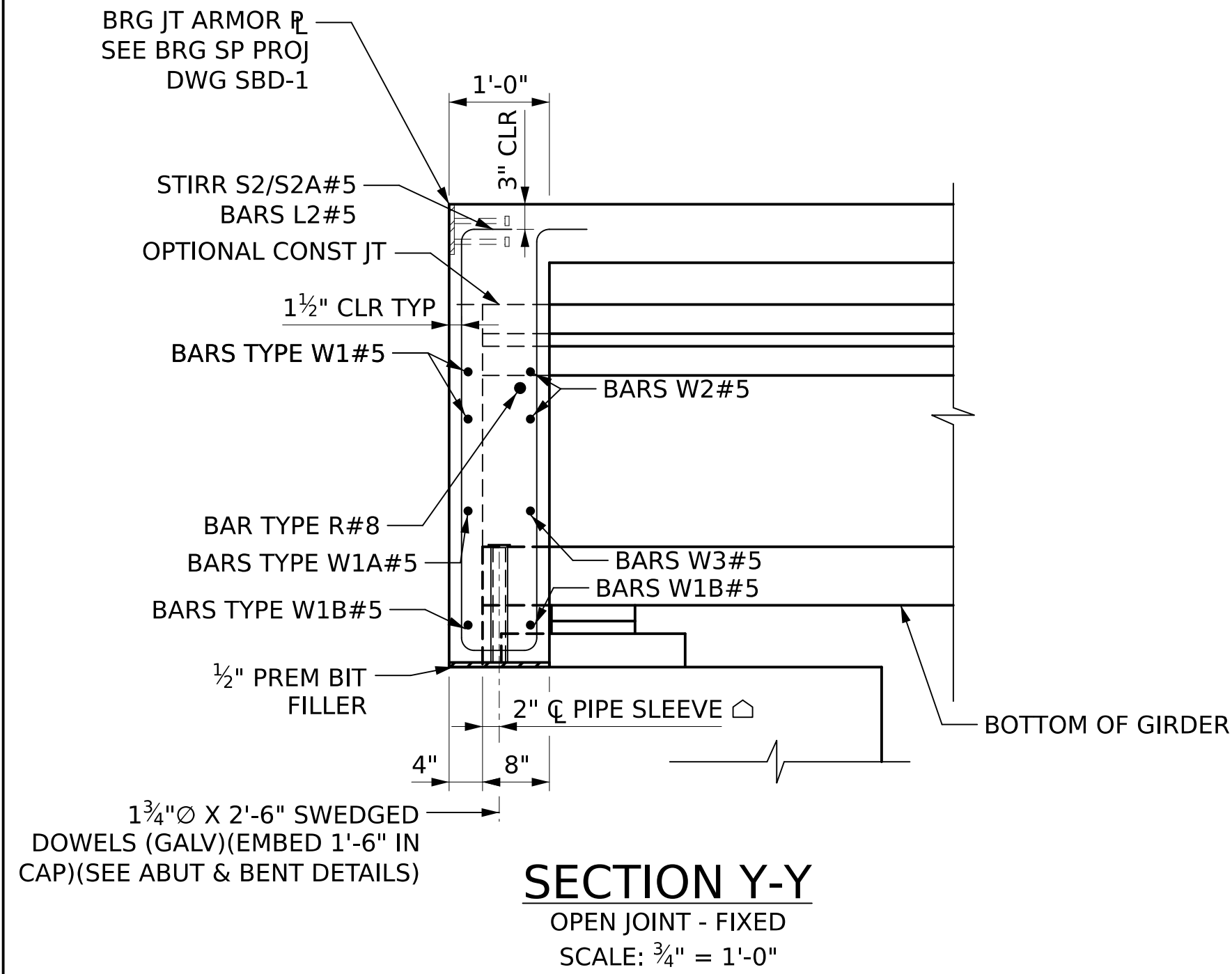


- NOTES:
1. THE LAP SPLICE FOR BARS TYPE W1 #5 IS EQUAL TO 19" MINIMUM.
 2. EXTEND DECK GROOVING TO WITHIN 6" OF JOINT.
 3. FOR DETAILS ON STIRR S1, STIRR S1A, AND BARS L1, SEE SPAN BILL OF REINFORCEMENT.

Is it grooving or burlap drag finish per TP 12.3.2 grooving cannot be performed with a cover of 2" min.

Where is this symbol shown

What does this symbol represent



Recommend to state the location where it is fixed and refer to substructure sheet that is applicable

NOTES:

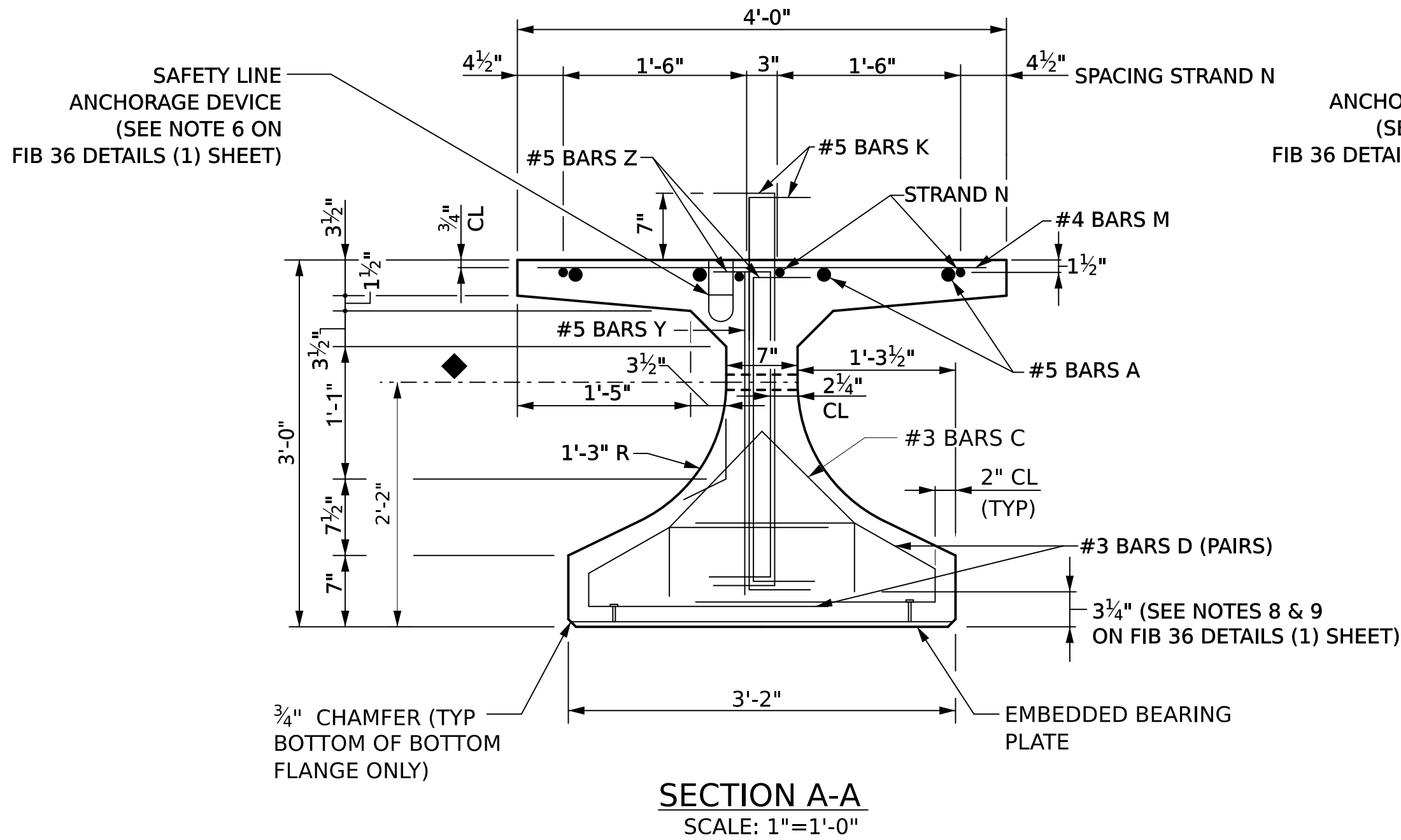
- THE LAP SPLICE FOR BARS TYPE W1 #5 IS EQUAL TO 19" MINIMUM.
- EXTEND DECK GROOVING TO WITHIN 6" OF JOINT.
- 2" NOMINAL DIA X 1'-2" STAINLESS STEEL PIPE SLEEVE.
- FOR DETAILS OF STIRR S2, STIRR S2A, AND BARS L2, SEE SPAN BILL OF REINFORCEMENT.
- FOR AMOUNT AND SPACING OF SLEEVES AND DOWELS, SEE ABUT OR BENT DETAILS
- THE 2 5/8" X 2 5/8" X 1/8" PLATE MAY BE REPLACED WITH A POLYETHYLENE CAP OR INSERT TO SEAL THE END OF THE PIPE SLEEVE. THE CAP OR PLUG SEAL SHALL BE SECURED TO THE PIPE SLEEVE PRIOR TO SHIPMENT BY WRAPPING WITH DUCT TAPE.

See comment previous sheet regarding grooving

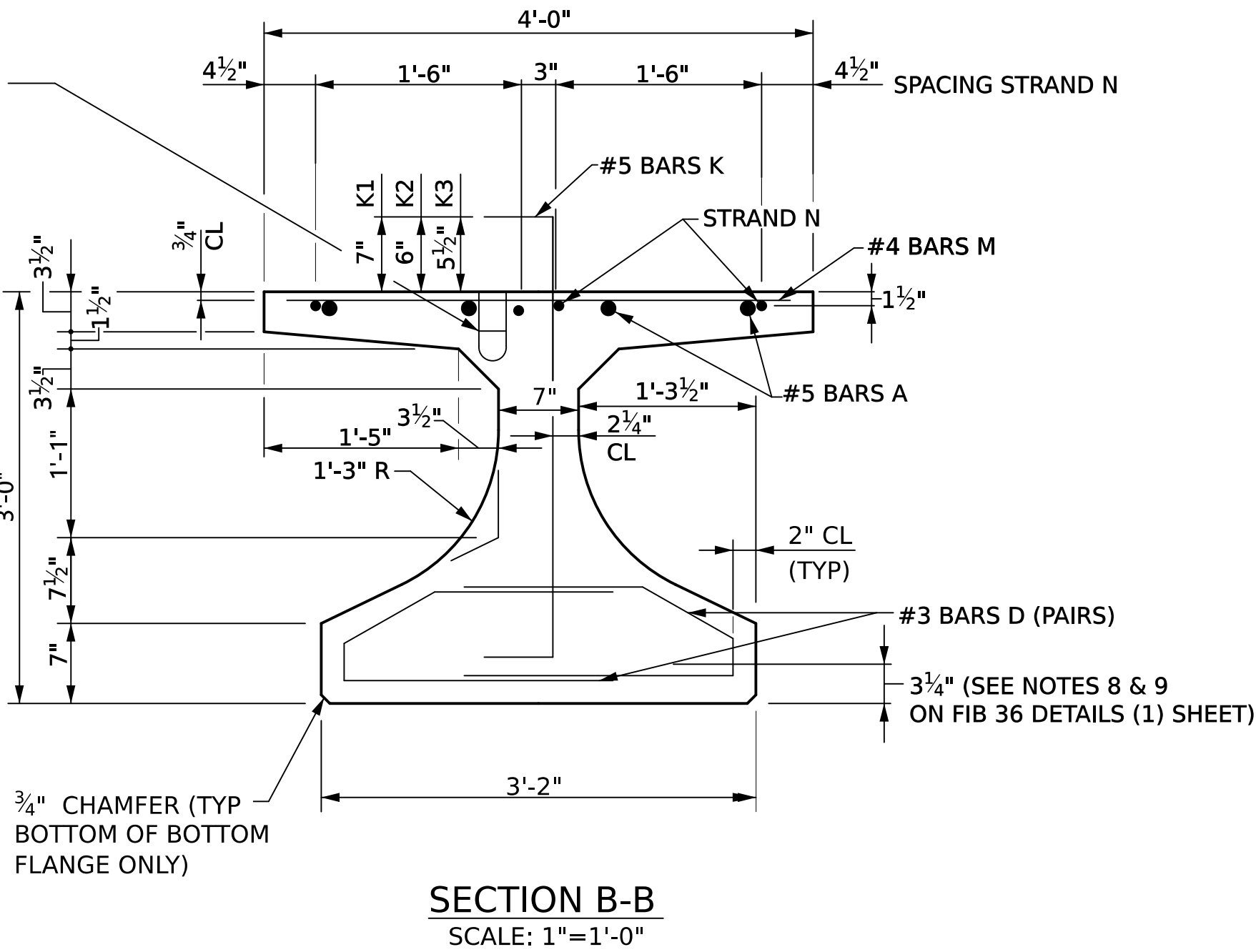
■ = STRUCTURE DEPTH + PEDESTAL HEIGHT - 5"
■■ = VARIES MAINTAIN 3" CLR FROM FIB AND TOP OF DECK
STRUCTURE DEPTH = HEIGHT OF DECK, HAUNCH, BEAM, AND BEARING PAD

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
INFRA-I010(353)	2025	S01-BR-03027

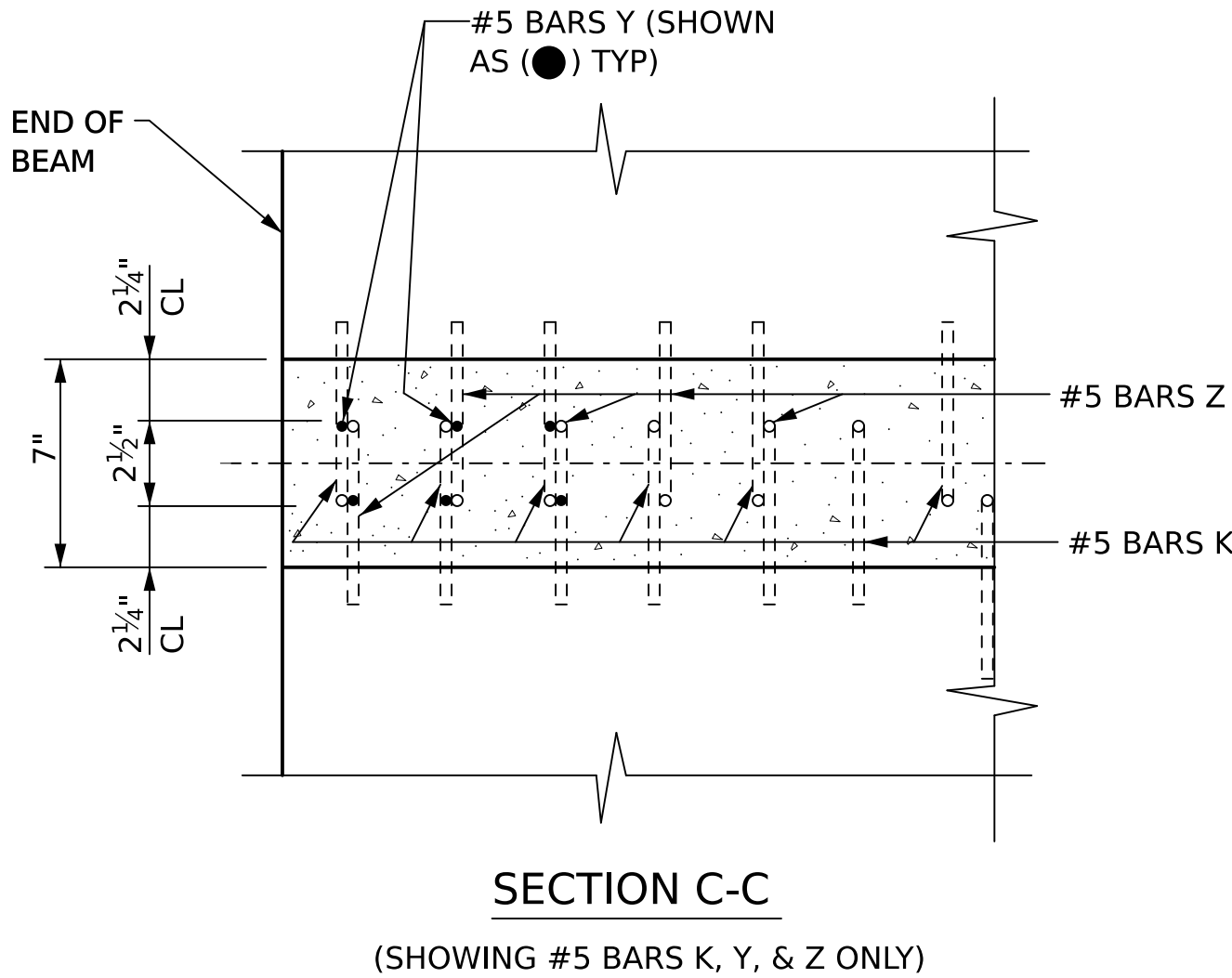
PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION



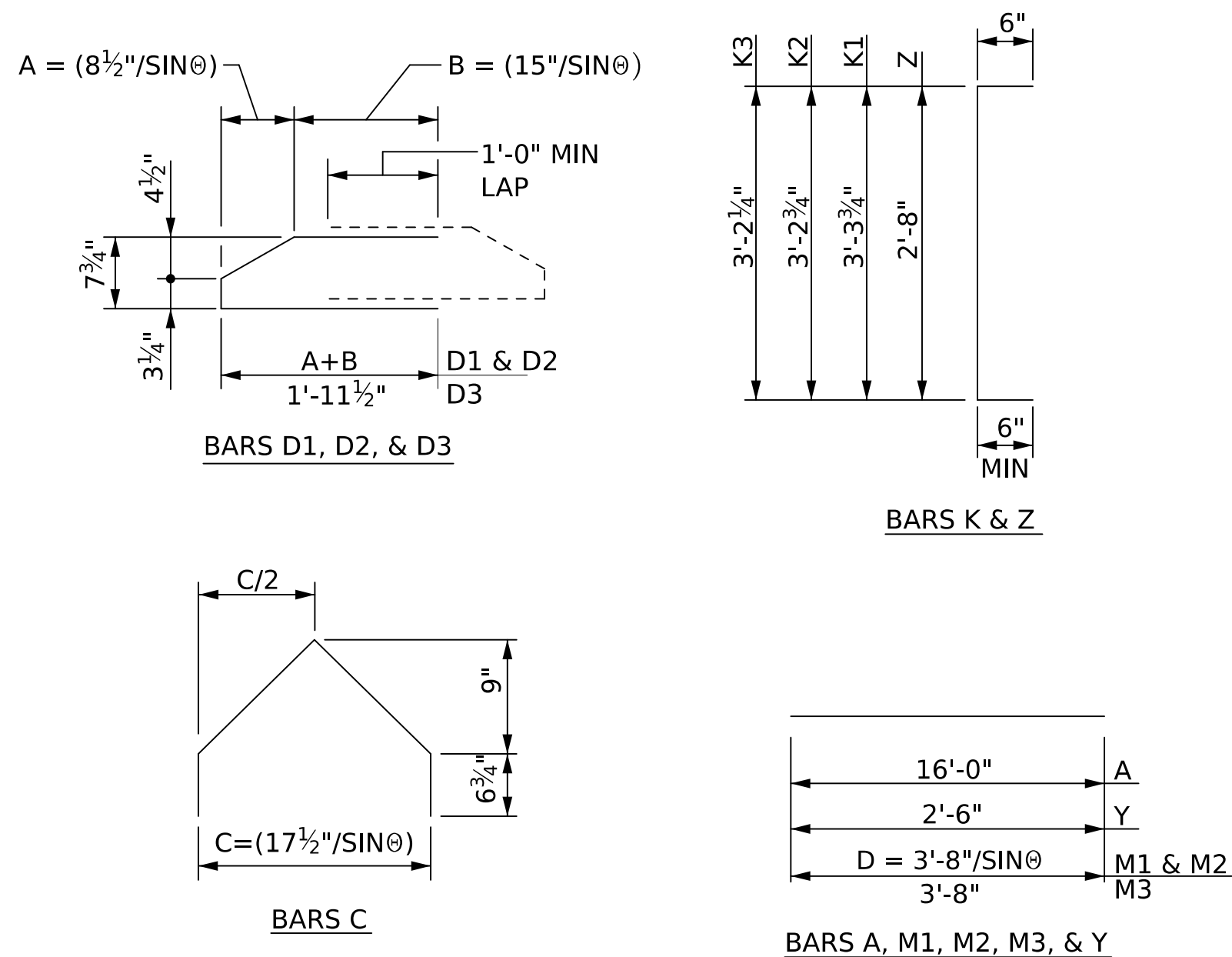
SAFETY LINE
ANCHORAGE DEVICE
(SEE NOTE 6 ON
FIB 36 DETAILS (1) SHEET)



SAFETY LINE
ANCHORAGE DEVICE
(SEE NOTE 6 ON
FIB 36 DETAILS (1) SHEET)



Θ = BEAM END ANGLES = 90° FOR BARS D3



◆ C OF 1 1/2"Ø HOLE (INT GDRS) OR 1"Ø THREADED INSERT
(INSIDE FACE ONLY, EXT GDRS) FOR #8 BARS R.

NOTES:

- FOR PRESTRESSED CONCRETE GIRDER NOTES, SEE FIB-36 GIRDER DETAILS (1 OF 2) SHEET.
- FOR LOCATION OF SECTION CUTS A-A, B-B, & C-C, SEE FIB-36 GIRDER DETAILS (1 OF 2) SHEET.



ALABAMA
DEPARTMENT OF
TRANSPORTATION

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
A	JQA	02/21/2025	60% INTERIM SUBMITTAL
B	JQA	06/16/2025	90% FINAL SUBMITTAL

PE STAMP
DATE

PE STAMP
DATE

QR
CODE

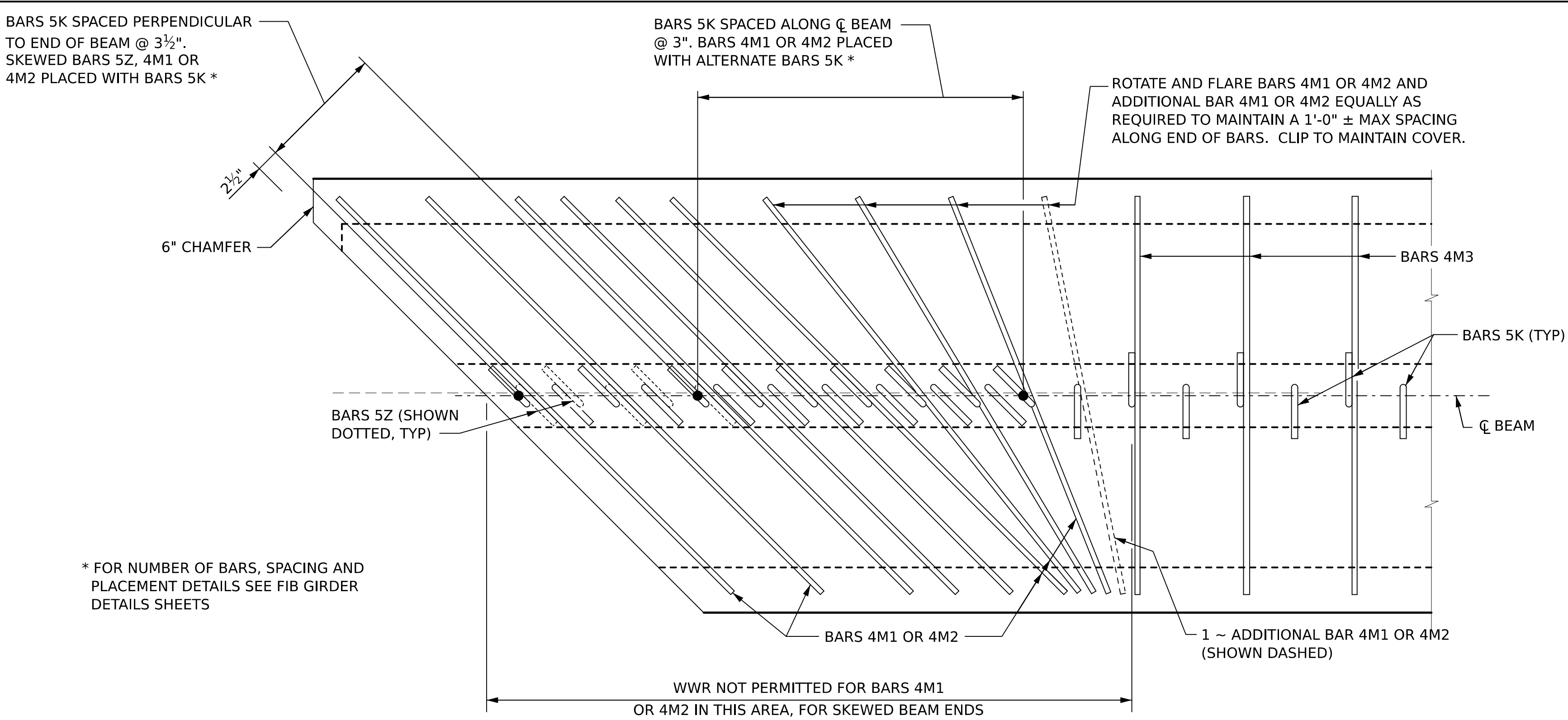


PLAN SUBMITTAL
90%

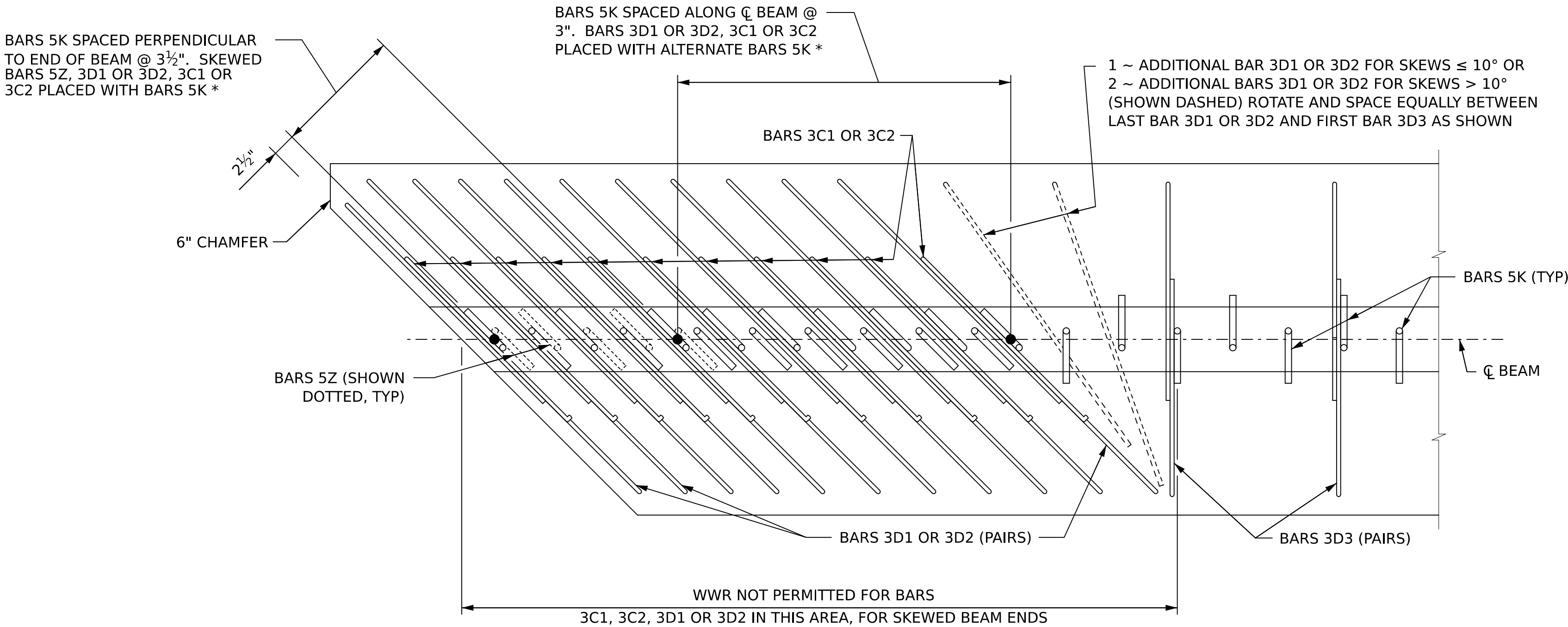
BIN(S)
021820 (WB) 021821 (EB)
COUNTY(S)
MOBILE

DESIGNER: JQA DATE:
BRIDGE SHEET NO. 27 OF 57

SHEET TITLE
MOBILE RIVER BRIDGE
I-10 WB & EB OVER SOUTH CAR ST
FIB 36 DETAILS (2)



PARTIAL PLAN VIEW (SHOWING TOP FLANGE)
(END 1 SHOWN, END 2 SIMILAR)
(BARS 5A, 5Y & STRANDS N NOT SHOWN FOR CLARITY)



PARTIAL SECTION THRU WEB (SHOWING BOTTOM FLANGE)
(END 1 SHOWN, END 2 SIMILAR)
(BARS 5Y, STRANDS, AND EMBEDDED SOLE PLATE NOT SHOWN FOR CLARITY)

SKewed BEAM END DETAILS FOR SKewed GIRDER ENDS BRIDGES
(FIB 36 BEAM SHOWN, OTHERS SIMILAR)

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
INFRA-I010(353)	2025	S01-BR-03028



ALABAMA
DEPARTMENT OF
TRANSPORTATION

A	JQA	02/21/2025	60% INTERIM SUBMITTAL
B	JQA	06/16/2025	90% FINAL SUBMITTAL
REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP

PE STAMP

QR CODE



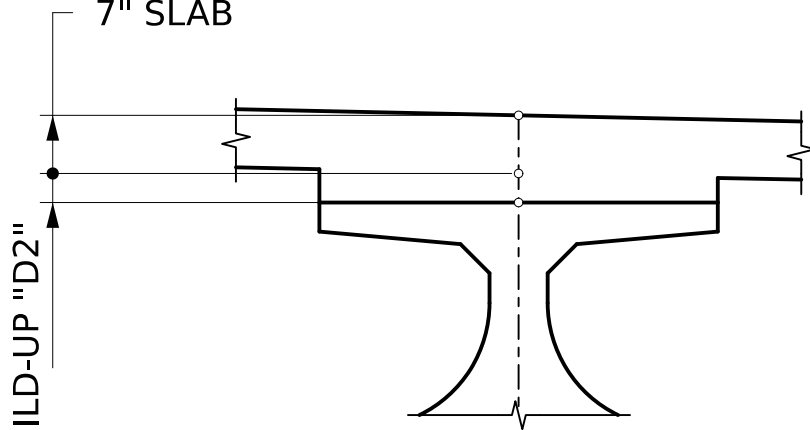
PLAN SUBMITTAL
90%

BIN(S)
021820 (WB) 021821 (EB)
COUNTY(S)
MOBILE

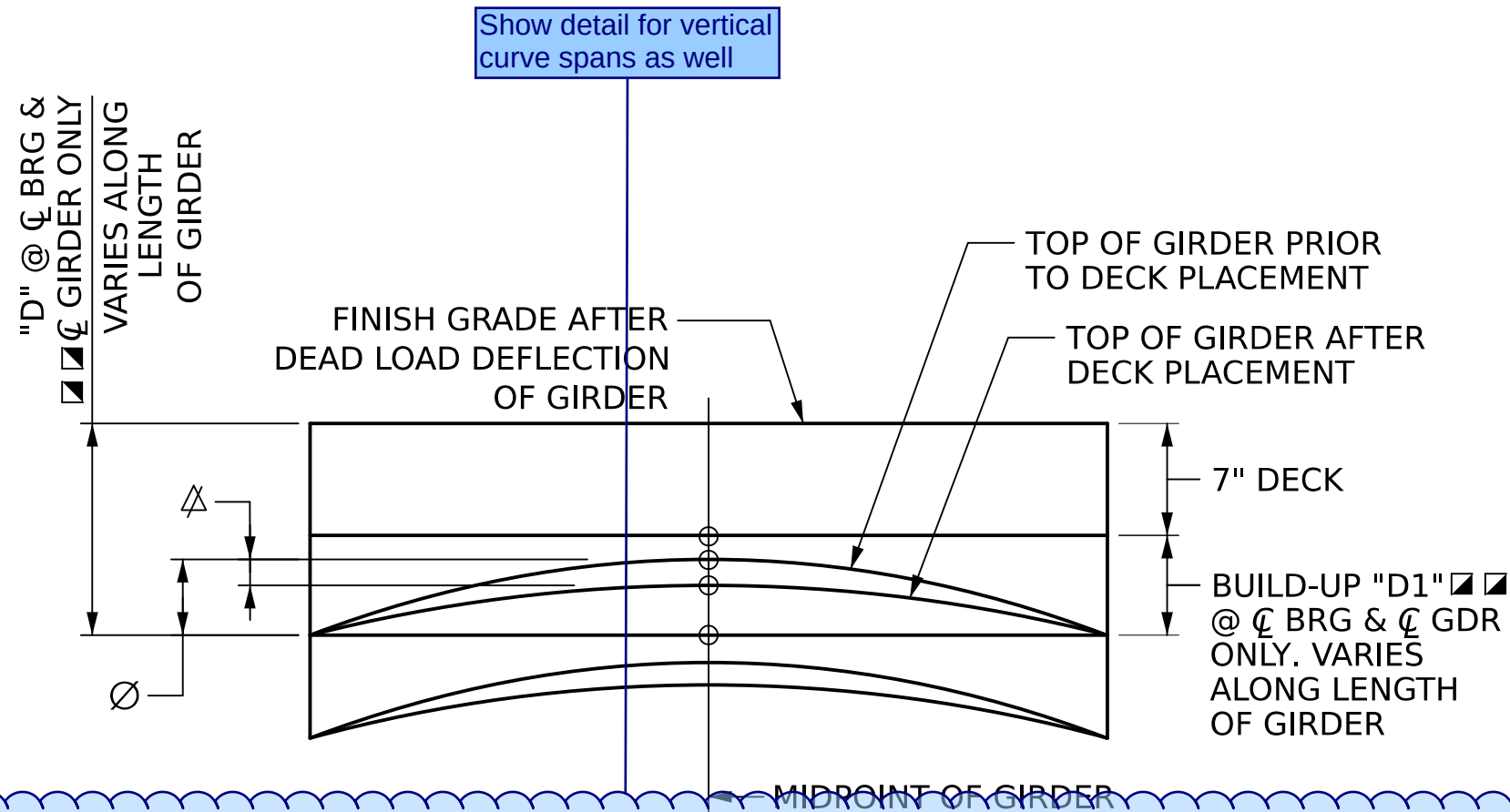
DESIGNER: JQA	DATE:
BRIDGE SHEET NO. 28	OF 57

SHEET TITLE
MOBILE RIVER BRIDGE
I-10 WB & EB OVER SOUTH CAR ST
SKewed GIRDER END DETAIL

▣ ▣ PRESTRESSED CONCRETE BEAM SCHEDULE																	
SPAN NO	BEAM NO	BEAM LENGTH L	BEAM TYPE	PRESTRESSING STRANDS			f'ci (PSI)	BEARING DIMENSIONS		f'c (PSI)	BEAM END ANGLES		"D"	"D1"	"D2"	CAMBER	
				TOTAL	NO SHIELDED	NO DRAPED		BRG 1	BRG 2		END 1	END 2				Ø	Δ
1 WB	1	87'-0 1/8"	FIB 36	46	10	0	6500	1'-4"	1'-1 1/2"	8500	79° 53' 58"	79° 53' 58"	11.5	4.5	2.000	3.938	1.500
	2	86'-11"	FIB 36	46	10	0	6500	1'-4"	1'-1 1/2"	8500	80° 16' 07"	80° 16' 07"	11.5	4.5	1.875	3.938	1.500
	3	86'-9 7/8"	FIB 36	46	10	0	6500	1'-4"	1'-1 3/8"	8500	80° 38' 19"	80° 38' 19"	11.5	4.5	1.875	3.938	1.500
	4	86'-8 3/4"	FIB 36	46	10	0	6500	1'-4"	1'-1 3/8"	8500	81° 00' 33"	81° 00' 33"	11.5	4.5	2.000	3.938	1.500
	5	86'-7 3/4"	FIB 36	46	10	0	6500	1'-3 7/8"	1'-1 3/8"	8500	81° 22' 51"	81° 22' 51"	11.5	4.5	2.000	3.938	1.500
	6	86'-6 3/4"	FIB 36	46	10	0	6500	1'-3 7/8"	1'-1 3/8"	8500	81° 45' 11"	81° 45' 11"	11.5	4.5	2.000	3.938	1.500
	7	86'-5 3/4"	FIB 36	46	10	0	6500	1'-3 7/8"	1'-1 3/8"	8500	82° 07' 33"	82° 07' 33"	11.5	4.5	2.000	3.938	1.563
	8	86'-4 7/8"	FIB 36	46	10	0	6500	1'-3 7/8"	1'-1 3/8"	8500	82° 29' 58"	82° 29' 58"	11.5	4.5	2.000	3.938	1.563
	9	86'-4"	FIB 36	46	10	0	6500	1'-3 7/8"	1'-1 3/8"	8500	82° 52' 25"	82° 52' 25"	11.5	4.5	2.000	3.938	1.563
	10	86'-3 1/8"	FIB 36	46	10	0	6500	1'-3 7/8"	1'-1 3/8"	8500	83° 14' 55"	83° 14' 55"	11.5	4.5	2.000	3.938	1.563
	11	86'-2 3/8"	FIB 36	46	10	0	6500	1'-3 7/8"	1'-1 3/8"	8500	83° 37' 26"	83° 37' 26"	11.5	4.5	2.000	3.938	1.563
	12	86'-1 5/8"	FIB 36	46	10	0	6500	1'-3 7/8"	1'-1 3/8"	8500	84° 00' 00"	84° 00' 00"	11.5	4.5	2.125	3.938	1.625
2 WB	1	87'-0 1/8"	FIB 36	46	10	0	6500	1'-1 1/2"	1'-4"	8500	79° 53' 59"	79° 53' 59"	11.5	4.5	1.875	3.938	1.563
	2	86'-11 1/8"	FIB 36	46	10	0	6500	1'-1 1/2"	1'-4"	8500	80° 14' 17"	80° 14' 17"	11.5	4.5	1.750	3.938	1.500
	3	86'-10"	FIB 36	46	10	0	6500	1'-1 3/8"	1'-4"	8500	80° 34' 37"	80° 34' 37"	11.5	4.5	1.750	3.938	1.500
	4	86'-9"	FIB 36	46	10	0	6500	1'-1 3/8"	1'-4"	8500	80° 55' 00"	80° 55' 00"	11.5	4.5	1.750	3.938	1.500
	5	86'-8"	FIB 36	46	10	0	6500	1'-1 3/8"	1'-3 7/8"	8500	81° 15' 25"	81° 15' 25"	11.5	4.5	1.750	3.938	1.500
	6	86'-7 1/8"	FIB 36	46	10	0	6500	1'-1 3/8"	1'-3 7/8"	8500	81° 35' 52"	81° 35' 52"	11.5	4.5	1.750	3.938	1.500
	7	86'-6 1/4"	FIB 36	46	10	0	6500	1'-1 3/8"	1'-3 7/8"	8500	81° 56' 22"	81° 56' 22"	11.5	4.5	1.750	3.938	1.500
	8	86'-5 3/8"	FIB 36	46	10	0	6500	1'-1 3/8"	1'-3 7/8"	8500	82° 16' 54"	82° 16' 54"	11.5	4.5	1.750	3.938	1.500
	9	86'-4 1/2"	FIB 36	46	10	0	6500	1'-1 3/8"	1'-3 7/8"	8500	82° 37' 27"	82° 37' 27"	11.5	4.5	1.750	3.938	1.500
	10	86'-3 3/4"	FIB 36	46	10	0	6500	1'-1 3/8"	1'-3 7/8"	8500	82° 58' 03"	82° 58' 03"	11.5	4.5	1.750	3.938	1.500
	11	86'-3"	FIB 36	46	10	0	6500	1'-1 3/8"	1'-3 7/8"	8500	83° 18' 40"	83° 18' 40"	11.5	4.5	1.750	3.938	1.500
	12	86'-2 1/4"	FIB 36	46	10	0	6500	1'-1 3/8"	1'-3 7/8"	8500	83° 39' 19"	83° 39' 19"	11.5	4.5	1.750	3.938	1.500
	13	86'-1 5/8"	FIB 36	46	10	0	6500	1'-1 3/8"	1'-3 7/8"	8500	84° 00' 00"	84° 00' 00"	11.5	4.5	1.750	3.938	1.563
1 EB	1	86'-1 5/8"	FIB 36	46	10	0	6500	1'-3 7/8"	1'-1 3/8"	8500	84° 00' 00"	84° 00' 00"	11.5	4.5	2.125	3.938	1.625
	2	86'-0 7/8"	FIB 36	46	10	0	6500	1'-3 7/8"	1'-1 1/4"	8500	84° 25' 30"	84° 25' 30"	11.5	4.5	1.875	3.938	1.500
	3	86'-0 1/8"	FIB 36	46	10	0	6500	1'-3 7/8"	1'-1 1/4"	8500	84° 51' 01"	84° 51' 01"	11.5	4.5	1.875	3.938	1.500
	4	85'-11 1/2"	FIB 36	46	10	0	6500	1'-3 3/4"	1'-1 1/4"	8500	85° 16' 35"	85° 16' 35"	11.5	4.5	1.875	3.938	1.500
	5	85'-10 7/8"	FIB 36	46	10	0	6500	1'-3 3/4"	1'-1 1/4"	8500	85° 42' 11"	85° 42' 11"	11.5	4.5	1.875	3.938	1.500
	6	85'-10 3/8"	FIB 36	46	10	0	6500	1'-3 3/4"	1'-1 1/4"	8500	86° 07' 49"	86° 07' 49"	11.5	4.5	1.875	3.938	1.500
	7	85'-9 7/8"	FIB 36	46	10	0	6500	1'-3 3/4"	1'-1 1/4"	8500	86° 33' 28"	86° 33' 28"	11.5	4.5	1.875	3.938	1.500
	8	85'-9 3/8"	FIB 36	46	10	0	6500	1'-3 3/4"	1'-1 1/4"	8500	86°59' 08"	86°59' 08"	11.5	4.5	2.000	3.938	1.500
	9	85'-9"	FIB 36	46	10	0	6500	1'-3 3/4"	1'-1 1/4"	8500	87° 24' 50"	87° 24' 50"	11.5	4.5	2.000	3.938	1.500
	10	85'-8 3/4"	FIB 36	46	10	0	6500	1'-3 3/4"	1'-1 1/4"	8500	87° 50' 33"	87° 50' 33"	11.5	4.5	2.000	3.938	1.563
	11	85'-8 3/8"	FIB 36	46	10	0	6500	1'-3 3/4"	1'-1 1/4"	8500	88° 16' 16"	88° 16' 16"	11.5	4.5	2.000	4.000	1.563
	12	85'-8 1/4"	FIB 36	46	10	0	6500	1'-3 3/4"	1'-1 1/4"	8500	88° 42' 01"	88° 42' 01"	11.5	4.5	2.000	4.000	1.625
2 EB	1	86'-1 5/8"	FIB 36	46	10	0	6500	1'-1 3/8"	1'-3 7/8"	8500	84° 00' 00"	84° 00' 00"	11.5	4.5	1.750	3.938	1.563
	2	86'-0 7/8"	FIB 36	46	10	0	6500	1'-1 1/4"	1'-3 7/8"	8500	84° 23' 22"	84° 23' 22"	11.5	4.5	1.625	3.938	1.438
	3	86'-0 1/4"	FIB 36	46	10	0	6500	1'-1 1/4"	1'-3 7/8"	8500	84° 46' 46"	84° 46' 46"	11.5	4.5	1.625	3.938	1.438
	4	85'-11 5/8"	FIB 36	46	10	0	6500	1'-1 1/4"	1'-3 3/4"	8500	85° 10' 12"	85° 10' 12"	11.5	4.5	1.625	3.938	1.438
	5	85'-11 1/8"	FIB 36	46	10	0	6500	1'-1 1/4"	1'-3 3/4"	8500	85° 33' 39"	85° 33' 39"	11.5	4.5	1.625	3.938	1.500
	6	85'-10 1/2"	FIB 36	46	10	0	6500	1'-1 1/4"	1'-3 3/4"	8500	85° 57' 08"	85° 57' 08"	11.5	4.5	1.625	3.938	1.500
	7	85'-10"	FIB 36	46	10	0	6500	1'-1 1/4"	1'-3 3/4"	8500	86° 20' 39"	86° 20' 39"	11.5	4.5	1.625	3.938	1.500
	8	85'-9 5/8"	FIB 36	46	10	0	6500	1'-1 1/4"	1'-3 3/4"	8500	86° 44' 10"	86° 44' 10"	11.5	4.5	1.625	3.938	1.500
	9	85'-9 1/4"	FIB 36	46	10	0	6500	1'-1 1/4"	1'-3 3/4"	8500	87° 07' 43"	87° 07' 43"	11.5	4.5	1.625	3.938	1.500
	10	85'-8 7/8"	FIB 36	46	10	0	6500	1'-1 1/4"	1'-3 3/4"	8500	87° 31' 16"	87° 31' 16"	11.5	4.5	1.625	3.938	1.500
	11	85'-8 5/8"	FIB 36	46	10	0	6500	1'-1 1/4"	1'-3 3/4"	8500	87° 54' 51"	87° 54' 51"	11.5	4.5	1.625	3.938	1.500
	12	85'-8 3/8"	FIB 36	46	10	0	6500	1'-1 1/4"	1'-3 3/4"	8500	88° 18' 26"	88° 18' 26"	11.5	4.5	1.625	3.938	1.500
	13	85'-8 1/4"	FIB 36	46	10	0	6500	1'-1 1/4"	1'-3 3/4"	8500	88° 42' 02"	88° 42' 02"	11.5	4.5	1.625	3.938	1.500



TYPICAL SECTION AT MIDSPAN
NTS

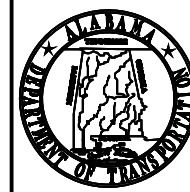


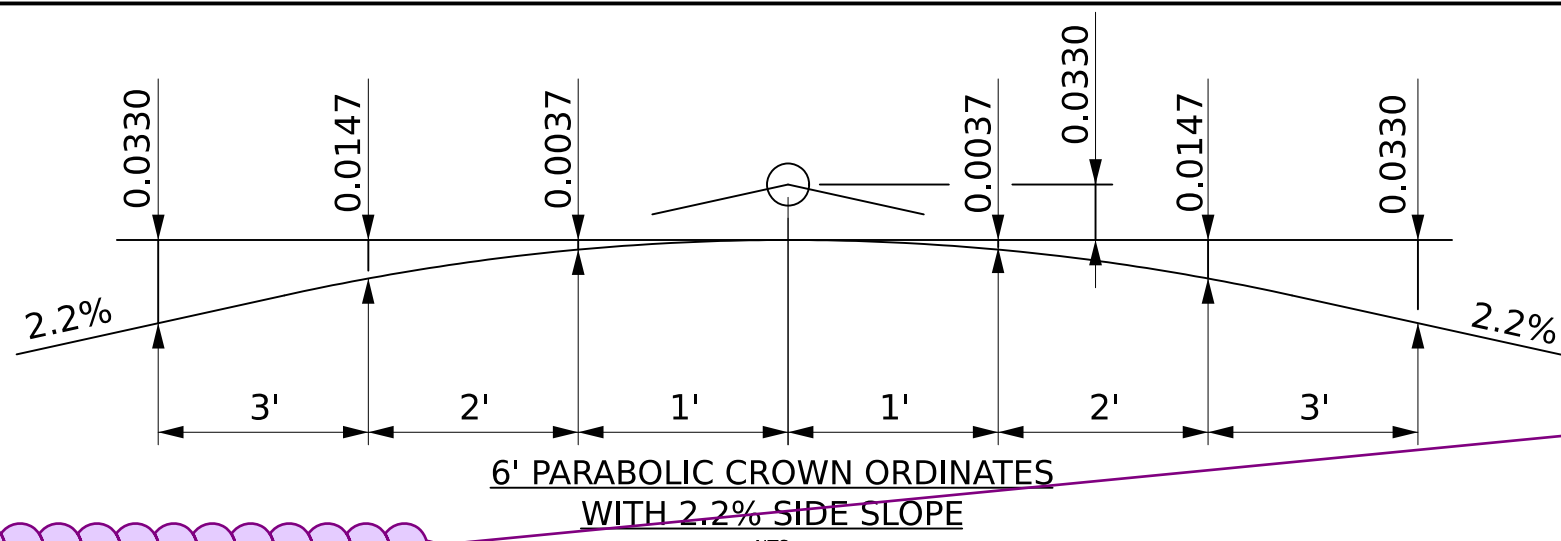
DETAIL OF BUILD UP BETWEEN BOTTOM OF DECK AND TOP OF GIRDER (ALONG CENTERLINE OF GIRDER)
NTS

Ø REPRESENTS THE EXPECTED CAMBER (UPWARD DEFLECTION DUE TO PRESTRESS) USED FOR STATE DESIGN PURPOSES AND IS SHOWN HERE FOR INFORMATION ONLY. AFTER ERECTING GIRDERS AND PRIOR TO ORDERING MATERIAL AND SETTING FORMS, THE CONTRACTOR SHALL PROFILE GIRDERS TO DETERMINE THE IN-PLACE CAMBER. THE MEASURED CAMBER ORDINATES OBTAINED FROM PROFILING THE GIRDERS SHALL BE USED IN CALCULATIONS TO PROPERLY SET FORMS. SEE ▣ ▣ PRESTRESSED CONCRETE BEAM SCHEDULE FOR EXPECTED CAMBER.

⚡ REPRESENTS ANTICIPATED DOWNWARD DEFLECTION DUE TO WEIGHT OF DECK (INCLUDES WEIGHT OF STAY-IN-PLACE FORMS). SEE ▣ ▣ PRESTRESSED CONCRETE BEAM SCHEDULE FOR ANTICIPATED DOWNWARD DEFLECTION.

														REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO	
														INFRA-I010(353)	2025	S01-BR-03030	
REINFORCING STEEL																	
SPAN NO	BEAM NO	BARS C1	BARS C2	BARS D1		BARS D2		BARS D3	BARS M1	BARS M2	BARS M3	BARS K	NO OF SPACES BARS K				
		C	C	A	B	A	B	NO	D	D	NO	NO	S1	S2	S3	S4	
1 WB	1	1'-5 3/4"	1'-5 3/4"	8 3/4"	1'-3 1/4"	8 3/4"	1'-3 1/4"	50	3'-8 3/4"	3'-8 3/4"	75	61	10	10	7	12	
	2	1'-5 3/4"	1'-5 3/4"	8 1/2"	1'-3 1/4"	8 1/2"	1'-3 1/4"	50	3'-8 3/4"	3'-8 3/4"	75	61	10	10	7	12	
	3	1'-5 3/4"	1'-5 3/4"	8 1/2"	1'-3 1/4"	8 1/2"	1'-3 1/4"	50	3'-8 1/2"	3'-8 1/2"	75	61	10	10	8	11	
	4	1'-5 3/4"	1'-5 3/4"	8 1/2"	1'-3 1/4"	8 1/2"	1'-3 1/4"	50	3'-8 1/2"	3'-8 1/2"	75	61	10	10	8	11	
	5	1'-5 3/4"	1'-5 3/4"	8 1/2"	1'-3 1/4"	8 1/2"	1'-3 1/4"	50	3'-8 1/2"	3'-8 1/2"	75	61	10	10	8	11	
	6	1'-5 3/4"	1'-5 3/4"	8 1/2"	1'-3 1/4"	8 1/2"	1'-3 1/4"	50	3'-8 1/2"	3'-8 1/2"	75	61	10	10	8	11	
	7	1'-5 3/4"	1'-5 3/4"	8 1/2"	1'-3 1/4"	8 1/2"	1'-3 1/4"	50	3'-8 1/2"	3'-8 1/2"	75	61	10	10	8	11	
	8	1'-5 3/4"	1'-5 3/4"	8 1/2"	1'-3 1/4"	8 1/2"	1'-3 1/4"	50	3'-8 1/2"	3'-8 1/2"	75	61	10	10	8	11	
	9	1'-5 3/4"	1'-5 3/4"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8 1/4"	3'-8 1/4"	74	61	10	10	8	11	
	10	1'-5 1/2"	1'-5 1/2"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8 1/4"	3'-8 1/4"	74	61	10	10	8	11	
	11	1'-5 1/2"	1'-5 1/2"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8 1/4"	3'-8 1/4"	74	61	10	10	8	11	
	12	1'-5 1/2"	1'-5 1/2"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8 1/4"	3'-8 1/4"	74	61	10	10	8	11	
2 WB	1	1'-5 3/4"	1'-5 3/4"	8 3/4"	1'-3 1/4"	8 3/4"	1'-3 1/4"	50	3'-8 3/4"	3'-8 3/4"	75	61	10	10	7	12	
	2	1'-5 3/4"	1'-5 3/4"	8 1/2"	1'-3 1/4"	8 1/2"	1'-3 1/4"	50	3'-8 3/4"	3'-8 3/4"	75	61	10	10	7	12	
	3	1'-5 3/4"	1'-5 3/4"	8 1/2"	1'-3 1/4"	8 1/2"	1'-3 1/4"	50	3'-8 1/2"	3'-8 1/2"	75	61	10	10	7	12	
	4	1'-5 3/4"	1'-5 3/4"	8 1/2"	1'-3 1/4"	8 1/2"	1'-3 1/4"	50	3'-8 1/2"	3'-8 1/2"	75	61	10	10	7	12	
	5	1'-5 3/4"	1'-5 3/4"	8 1/2"	1'-3 1/4"	8 1/2"	1'-3 1/4"	50	3'-8 1/2"	3'-8 1/2"	75	61	10	10	8	11	
	6	1'-5 3/4"	1'-5 3/4"	8 1/2"	1'-3 1/4"	8 1/2"	1'-3 1/4"	50	3'-8 1/2"	3'-8 1/2"	75	61	10	10	8	11	
	7	1'-5 3/4"	1'-5 3/4"	8 1/2"	1'-3 1/4"	8 1/2"	1'-3 1/4"	50	3'-8 1/2"	3'-8 1/2"	75	61	10	10	8	11	
	8	1'-5 3/4"	1'-5 3/4"	8 1/2"	1'-3 1/4"	8 1/2"	1'-3 1/4"	50	3'-8 1/2"	3'-8 1/2"	75	61	10	10	8	11	
	9	1'-5 3/4"	1'-5 3/4"	8 1/2"	1'-3 1/4"	8 1/2"	1'-3 1/4"	50	3'-8 1/4"	3'-8 1/4"	75	61	10	10	8	11	
	10	1'-5 3/4"	1'-5 3/4"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8 1/4"	3'-8 1/4"	74	61	10	10	8	11	
	11	1'-5 1/2"	1'-5 1/2"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8 1/4"	3'-8 1/4"	74	61	10	10	8	11	
	12	1'-5 1/2"	1'-5 1/2"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8 1/4"	3'-8 1/4"	74	61	10	10	8	11	
	13	1'-5 1/2"	1'-5 1/2"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8 1/4"	3'-8 1/4"	74	61	10	10	8	11	
1 EB	1	1'-5 1/2"	1'-5 1/2"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8 1/4"	3'-8 1/4"	74	61	10	10	8	11	
	2	1'-5 1/2"	1'-5 1/2"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8 1/4"	3'-8 1/4"	74	61	10	10	8	11	
	3	1'-5 1/2"	1'-5 1/2"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8 1/4"	3'-8 1/4"	74	61	10	10	8	11	
	4	1'-5 1/2"	1'-5 1/2"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8 1/4"	3'-8 1/4"	74	61	10	10	8	11	
	5	1'-5 1/2"	1'-5 1/2"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8"	3'-8"	74	61	10	10	8	11	
	6	1'-5 1/2"	1'-5 1/2"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8"	3'-8"	74	61	10	10	8	11	
	7	1'-5 1/2"	1'-5 1/2"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8"	3'-8"	74	61	10	10	8	11	
	8	1'-5 1/2"	1'-5 1/2"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8"	3'-8"	74	61	10	10	8	11	
	9	1'-5 1/2"	1'-5 1/2"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8"	3'-8"	74	61	10	10	8	11	
	10	1'-5 1/2"	1'-5 1/2"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8"	3'-8"	74	61	10	10	8	11	
	11	1'-5 1/2"	1'-5 1/2"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8"	3'-8"	74	61	10	10	8	11	
	12	1'-5 1/2"	1'-5 1/2"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8"	3'-8"	74	61	10	10	8	11	
2 EB	1	1'-5 1/2"	1'-5 1/2"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8 1/4"	3'-8 1/4"	74	61	10	10	8	11	
	2	1'-5 1/2"	1'-5 1/2"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8 1/4"	3'-8 1/4"	74	61	10	10	8	11	
	3	1'-5 1/2"	1'-5 1/2"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8 1/4"	3'-8 1/4"	74	61	10	10	8	11	
	4	1'-5 1/2"	1'-5 1/2"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8 1/4"	3'-8 1/4"	74	61	10	10	8	11	
	5	1'-5 1/2"	1'-5 1/2"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8 1/4"	3'-8 1/4"	74	61	10	10	8	11	
	6	1'-5 1/2"	1'-5 1/2"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8"	3'-8"	74	61	10	10	8	11	
	7	1'-5 1/2"	1'-5 1/2"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8"	3'-8"	74	61	10	10	8	11	
	8	1'-5 1/2"	1'-5 1/2"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8"	3'-8"	74	61	10	10	8	11	
	9	1'-5 1/2"	1'-5 1/2"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8"	3'-8"	74	61	10	10	8	11	
	10	1'-5 1/2"	1'-5 1/2"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8"	3'-8"	74	61	10	10	8	11	
	11	1'-5 1/2"	1'-5 1/2"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8"	3'-8"	74	61	10	10	8	11	
	12	1'-5 1/2"	1'-5 1/2"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8"	3'-8"	74	61	10	10	8	11	
	13	1'-5 1/2"	1'-5 1/2"	8 1/2"	1'-3"	8 1/2"	1'-3"	49	3'-8"	3'-8"	74	61	10	10	8	11	

 ALABAMA DEPARTMENT OF TRANSPORTATION	A	JQA	02/21/2025	60% INTERIM SUBMITTAL					PE STAMP	PE STAMP	QR CODE	 Kiewit	 KIEWIT MASSMAN TRAYLOR A JOINT VENTURE	 VOLKERT	PLAN SUBMITTAL	BIN(S)	DESIGNER: JQA	DATE:	SHEET TITLE									
	B	JQA	06/16/2025	90% FINAL SUBMITTAL																								
	REV. NO.	BY	DATE	DESCRIPTION OF REVISION																								
										DATE	DATE						90%	COUNTY(S)	BRIDGE SHEET NO. 30 OF 57		MOBILE RIVER BRIDGE I-10 WB & EB OVER SOUTH CAR ST GIRDER SCHEDULE (2 OF 2)							

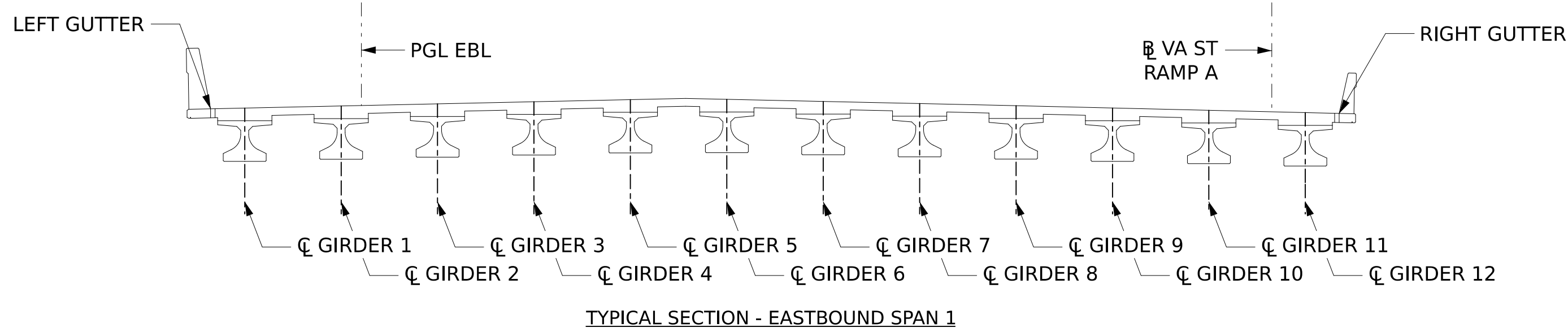
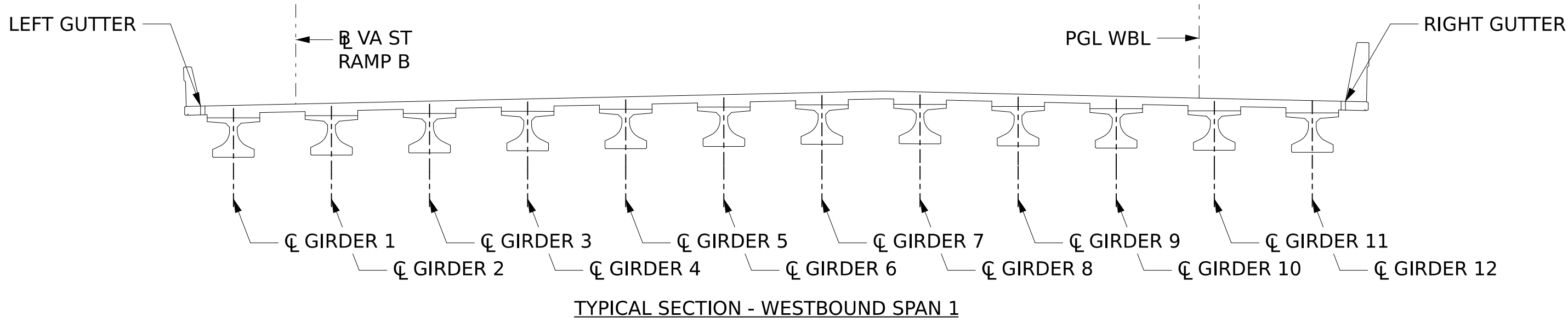


This table needs to include finished grade elevations at the edge of slab. (Typ.)

DECK ELEVATION AT TENTH POINT LOCATIONS												
BEAM	**ABUT 1	SPAN 1 WESTBOUND										
		*ABUT 1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	*BENT 2
LT GUTTER W	34.699	34.653	34.516	34.378	34.241	34.104	33.967	33.832	33.699	33.568	33.440	33.314
GIRDER 1W	34.757	34.711	34.574	34.437	34.300	34.163	34.026	33.890	33.757	33.626	33.498	33.372
BL VA ST RAMP B	34.817	34.772	34.637	34.501	34.365	34.229	34.093	33.959	33.828	33.698	33.571	33.446
GIRDER 2W	34.933	34.887	34.751	34.615	34.480	34.344	34.208	34.074	33.942	33.812	33.685	33.560
GIRDER 3W	35.108	35.063	34.929	34.794	34.659	34.525	34.390	34.257	34.126	33.998	33.871	33.747
GIRDER 4W	35.284	35.239	35.106	34.973	34.839	34.706	34.573	34.440	34.311	34.183	34.058	33.935
GIRDER 5W	35.459	35.415	35.283	35.151	35.019	34.887	34.755	34.624	34.495	34.369	34.245	34.123
GIRDER 6W	35.635	35.591	35.460	35.330	35.199	35.068	34.937	34.807	34.680	34.554	34.431	34.310
GIRDER 7W	35.810	35.767	35.638	35.508	35.379	35.249	35.120	34.991	34.864	34.740	34.618	34.498
GIRDER 8W	35.863	35.823	35.705	35.587	35.468	35.350	35.231	35.113	34.997	34.884	34.772	34.663
GIRDER 9W	35.710	35.671	35.551	35.431	35.312	35.192	35.073	34.953	34.836	34.721	34.609	34.498
GIRDER 10W	35.558	35.518	35.397	35.276	35.156	35.035	34.914	34.794	34.675	34.559	34.445	34.333
PGL	35.429	35.388	35.265	35.142	35.019	34.896	34.773	34.650	34.529	34.411	34.294	34.180
GIRDER 11W	35.405	35.365	35.243	35.121	34.999	34.878	34.756	34.634	34.514	34.397	34.281	34.168
GIRDER 12W	35.253	35.212	35.089	34.966	34.843	34.720	34.597	34.474	34.353	34.234	34.117	34.003
RT GUTTER W	35.201	35.160	35.038	34.915	34.792	34.669	34.546	34.423	34.301	34.182	34.066	33.951

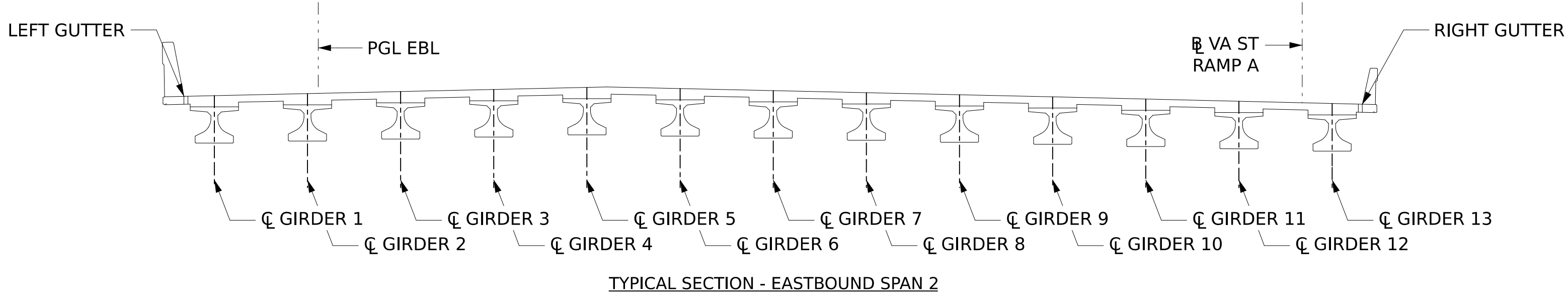
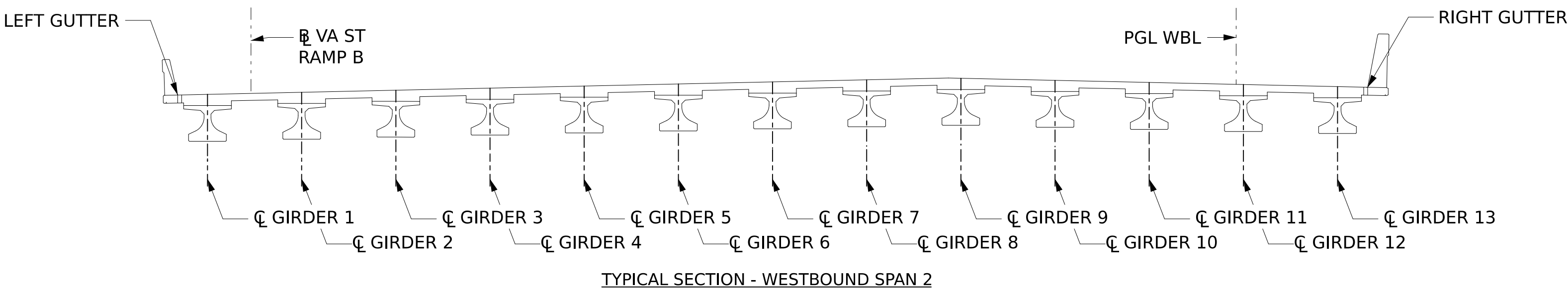
** MEASURED AT BACK OF ABUTMENT
* MEASURED AT CL BEARING

DECK ELEVATION AT TENTH POINT LOCATIONS												
BEAM	**ABUT 1	SPAN 1 EASTBOUND										
		*ABUT 1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	*BENT 2
LT GUTTER E	35.208	35.167	35.044	34.921	34.799	34.676	34.553	34.430	34.308	34.189	34.072	33.957
GIRDER 1E	35.268	35.227	35.104	34.981	34.858	34.735	34.612	34.489	34.367	34.248	34.131	34.016
GIRDER 2E	35.435	35.395	35.273	35.149	35.025	34.900	34.776	34.652	34.529	34.408	34.290	34.198
PGL	35.470	35.429	35.306	35.183	35.060	34.937	34.815	34.692	34.570	34.450	34.333	34.218
GIRDER 3E	35.602	35.562	35.442	35.322	35.202	35.082	34.962	34.842	34.723	34.606	34.492	34.380
GIRDER 4E	35.770	35.730	35.612	35.493	35.375	35.256	35.137	35.019	34.901	34.786	34.672	34.561
GIRDER 5E	35.937	35.898	35.781	35.664	35.547	35.430	35.313	35.196	35.079	34.965	34.853	34.743
GIRDER 6E	35.979	35.932	35.803	35.673	35.544	35.415	35.286	35.156	35.027	34.901	34.776	34.654
GIRDER 7E	35.830	35.786	35.656	35.525	35.394	35.264	35.133	35.003	34.873	34.744	34.618	34.495
GIRDER 8E	35.684	35.640	35.508	35.377	35.245	35.113	34.981	34.849	34.718	34.588	34.461	34.335
GIRDER 9E	35.539	35.494	35.361	35.228	35.095	34.962	34.829	34.696	34.563	34.432	34.303	34.176
GIRDER 10E	35.393	35.349	35.214	35.080	34.945	34.811	34.677	34.542	34.408	34.275	34.145	34.017
GIRDER 11E	35.248	35.203	35.067	34.931	34.796	34.660	34.525	34.389	34.253	34.119	33.987	33.858
BL VA ST RAMP A	35.153	35.107	34.970	34.834	34.697	34.560	34.423	34.286	34.149	34.013	33.880	33.749
GIRDER 12E	35.102	35.057	34.920	34.783	34.646	34.509	34.372	34.235	34.099	33.963	33.829	33.698
RT GUTTER E	35.051	35.002	34.865	34.729	34.592	34.456	34.319	34.183	34.046	33.911	33.778	33.647



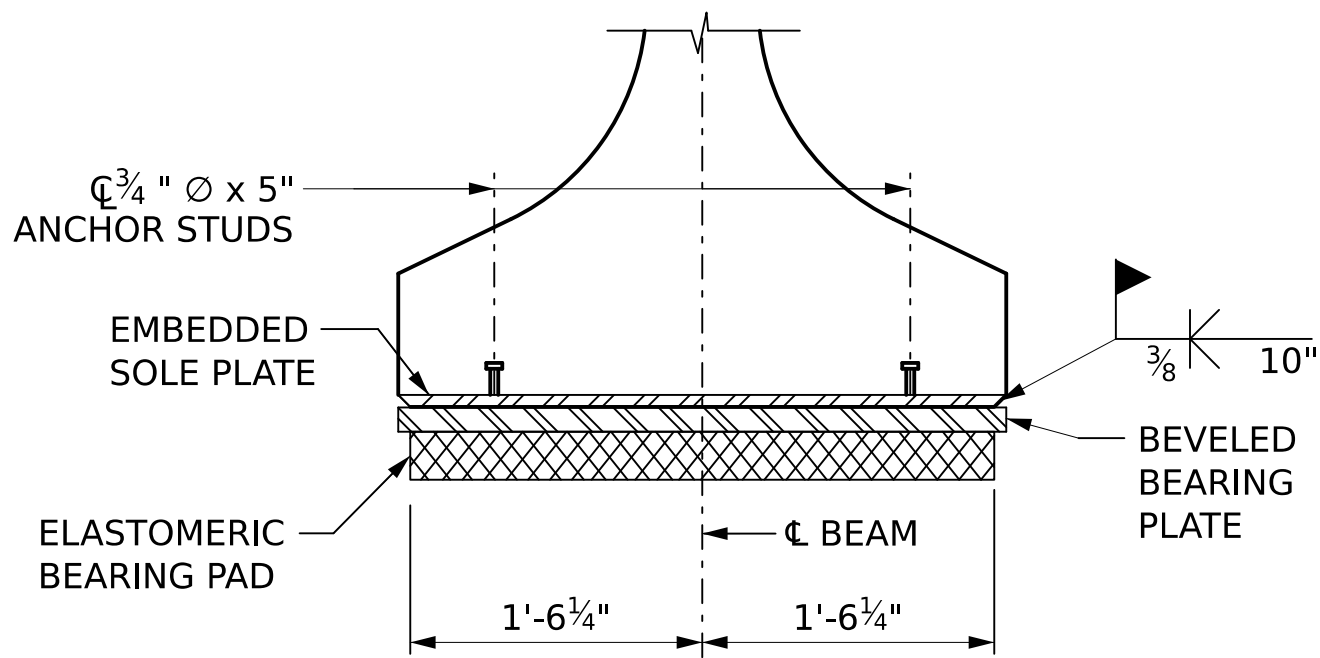
DECK ELEVATION AT TENTH POINT LOCATIONS												
BEAM	*BENT 2	SPAN 2 WESTBOUND										
		0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	*ABUT 3	**ABUT 3
LT GUTTER W	33.269	33.146	33.026	32.907	32.791	32.678	32.566	32.457	32.351	32.246	32.144	32.111
GIRDER 1W	33.327	33.204	33.083	32.965	32.849	32.735	32.624	32.515	32.408	32.304	32.202	32.168
BL VA ST RAMP B	33.401	33.277	33.155	33.035	32.918	32.803	32.690	32.580	32.472	32.366	32.262	32.228
GIRDER 2W	33.499	33.377	33.258	33.140	33.025	32.913	32.802	32.694	32.588	32.485	32.384	32.350
GIRDER 3W	33.672	33.551	33.432	33.316	33.202	33.090	32.980	32.873	32.768	32.666	32.566	32.533
GIRDER 4W	33.844	33.724	33.606	33.491	33.378	33.267	33.159	33.052	32.948	32.847	32.747	32.715
GIRDER 5W	34.017	33.898	33.781	33.666	33.554	33.444	33.337	33.231	33.128	33.028	32.929	32.897
GIRDER 6W	34.189	34.071	33.955	33.842	33.730	33.622	33.515	33.411	33.309	33.209	33.111	33.079
GIRDER 7W	34.362	34.244	34.130	34.017	33.907	33.799	33.693	33.590	33.489	33.390	33.293	33.262
GIRDER 8W	34.534	34.418	34.304	34.192	34.083	33.976	33.871	33.769	33.669	33.571	33.475	33.444
GIRDER 9W	34.570	34.463	34.359	34.257	34.158	34.061	33.966	33.873	33.783	33.695	33.609	33.581
GIRDER 10W	34.418	34.310	34.205	34.102	34.001	33.903	33.806	33.712	33.621	33.532	33.445	33.416
GIRDER 11W	34.266	34.157	34.050	33.946	33.844	33.744	33.647	33.552	33.459	33.368	33.280	33.251
PGL	34.139	34.028	33.919	33.813	33.709	33.607	33.507	33.410	33.314	33.221	33.131	33.101
GIRDER 12W	34.114	34.004	33.896	33.791	33.687	33.586	33.488	33.391	33.297	33.205	33.116	33.086
GIRDER 13W	33.962	33.851	33.742	33.635	33.531	33.428	33.328	33.231	33.135	33.042	32.951	32.922
RT GUTTER W	33.910	33.799	33.690	33.583	33.478	33.376	33.276	33.178	33.083	32.990	32.899	32.869

DECK ELEVATION AT TENTH POINT LOCATIONS												
BEAM	*BENT 2	SPAN 2 EASTBOUND										
		0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	*ABUT 3	**ABUT 3
LT GUTTER E	33.917	33.805	33.696	33.589	33.484	33.382	33.282	33.184	33.088	32.995	32.904	32.874
GIRDER 1E	33.976	33.864	33.755	33.648	33.543	33.440	33.340	33.242	33.146	33.053	32.962	32.932
GIRDER 2E	34.143	34.032	33.924	33.818	33.714	33.613	33.514	33.417	33.322	33.230	33.140	33.110
PGL	34.177	34.065	33.956	33.848	33.743	33.641	33.540	33.442	33.346	33.252	33.161	33.131
GIRDER 3E	34.309	34.200	34.093	33.988	33.886	33.785	33.687	33.592	33.498	33.407	33.318	33.289
GIRDER 4E	34.476	34.368	34.262	34.158	34.057	33.958	33.861	33.766	33.674	33.584	33.496	33.467
GIRDER 5E	34.643	34.536	34.431	34.329	34.228	34.130	34.034	33.941	33.850	33.761	33.674	33.646
GIRDER 6E	34.677	34.559	34.442	34.328	34.217	34.107	34.000	33.895	33.793	33.692	33.594	33.562
GIRDER 7E	34.531	34.411	34.293	34.178	34.065	33.954	33.845	33.739	33.635	33.533	33.433	33.401
GIRDER 8E	34.384	34.263	34.144	34.027	33.913	33.800	33.690	33.583	33.477	33.374	33.273	33.240
GIRDER 9E	34.238	34.115	33.995	33.876	33.761	33.647	33.536	33.426	33.320	33.215	33.113	33.079
GIRDER 10E	34.091	33.967	33.845	33.726	33.609	33.494	33.381	33.270	33.162	33.056	32.952	32.918
GIRDER 11E	33.945	33.819	33.696	33.575	33.457	33.340	33.226	33.114	33.004	32.897	32.792	32.757
GIRDER 12E	33.798	33.671	33.547	33.425	33.305	33.187	33.071	32.958	32.847	32.738	32.632	32.597
BL VA ST RAMP A	33.702	33.574	33.449	33.325	33.204	33.085	32.968	32.853	32.741	32.631	32.523	32.487
GIRDER 13E	33.652	33.523	33.398	33.274	33.153	33.033	32.917	32.802	32.689	32.579	32.471	32.436
RT GUTTER E	33.600	33.472	33.346	33.222	33.101	32.982	32.865	32.750	32.637	32.527	32.419	32.384

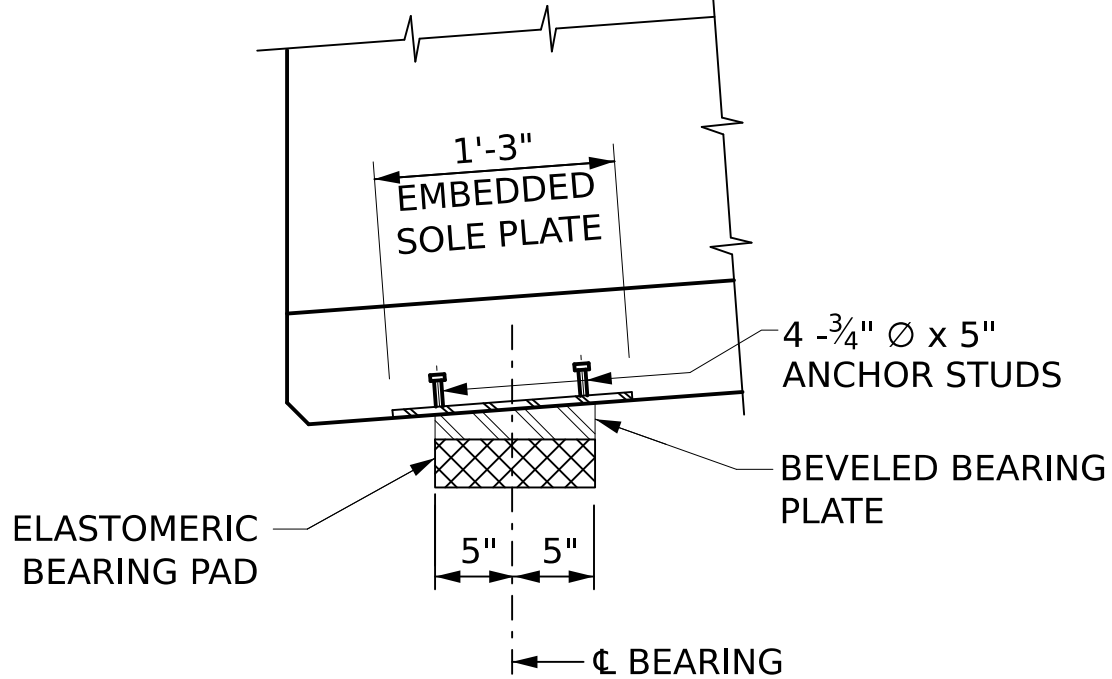


REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
INFRA-I010(353)	2025	S01-BR-03032

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

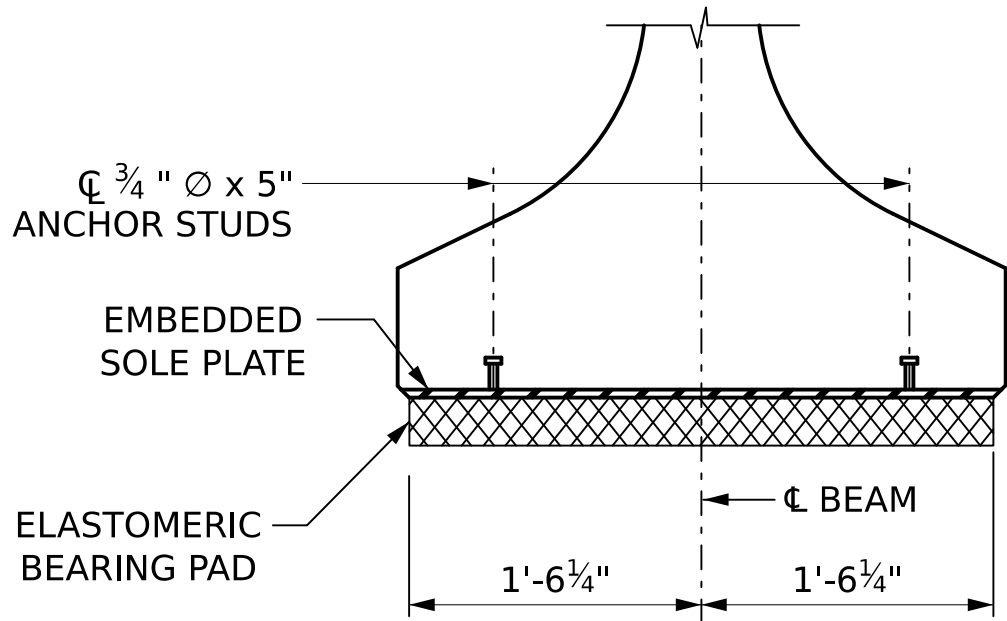


BEAM END
SCALE: 1" = 1'-0"

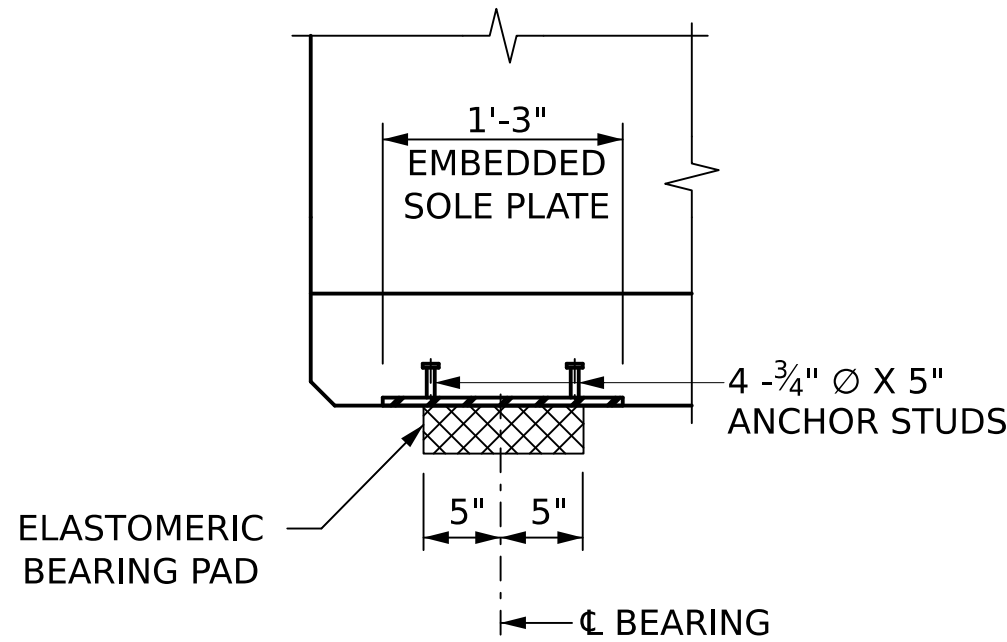


SIDE VIEW OF BEAM
SCALE: 1" = 1'-0"

BEARING DETAILS TYPE 4, MARK VB6



BEAM END
SCALE: 1" = 1'-0"

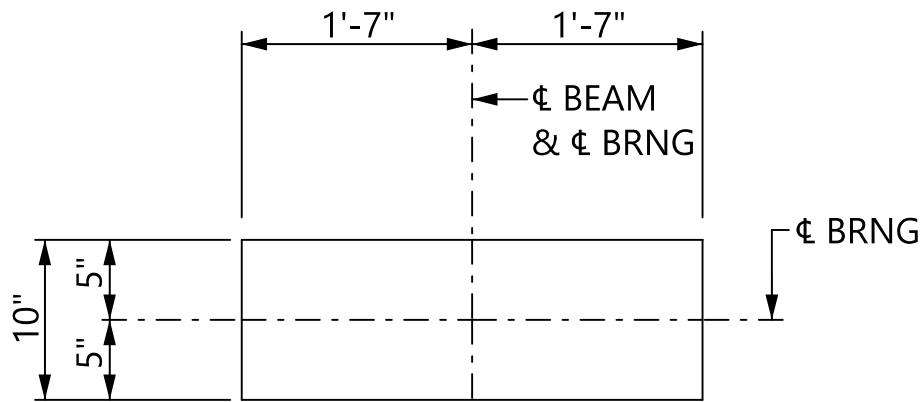


SIDE VIEW OF BEAM
SCALE: 1" = 1'-0"

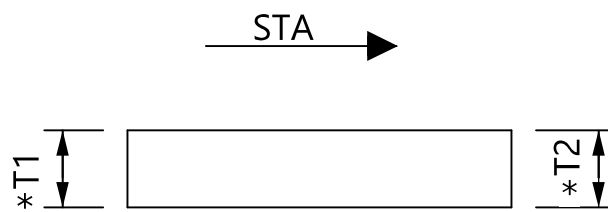
BEARING DETAILS TYPE 2, MARK B6

NOTES:

- SOLE PLATES SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH AASHTO M-111. BEVELED EDGES OF THE SOLE PLATE TO RECEIVE FIELD WELDING SHALL BE GROUND TO BARE METAL BEFORE BEING CAST IN GIRDER. SEE SECTIONS 511 AND 837 OF THE STANDARD SPECIFICATIONS FOR BEARING PLATE PREPERATION REQUIREMENTS.
- FOR T1 AND T2 VALUES, SEE JOINT LAYOUT SHEET.
- A BEARING LAYOUT (ERECTION PLAN) SHALL BE PROVIDED BY THE MANUFACTURER OF THE BEARINGS WHENEVER TYPE 4 ELASTOMERIC BEARINGS ARE SPECIFIED IN THE BRIDGE PLANS. THE LAYOUT SHALL BE INCLUDED IN THE BEARING PAD FABRICATION DRAWINGS, SUBMITTED TO THE ENIGNEER OF RECORD FOR APPROVAL AND SHALL INCLUDE ALL BEARINGS OF ALL TYPES FOR EACH STRUCTURE. THE LAYOUT SHALL LOCATE EACH BEARING WITH RESPECT TO UNIQUE IDENTIFICATION NUMBERS AND SHALL INDICATE CORRECT PLACEMENT OF BEARING WITH RESPECT TO BEVELING.
- FOR ALL BEARINGS AT THE EXPANSION END, ALL BEARING AREAS IN INTERIOR BAYS AT THE FIXED END AND OUTSIDE OF EXTERIOR BEARING OF THE FIXED END: THE CONTRACTOR SHALL REMOVE ANY RUST THAT APPEARS IN THE FIELD WELD AREAS OF THE BEARING PLATE AND SOLE PLATE. ALL DECK POURS SHALL BE COMPLETED PRIOR TO WELDING BEARING PLATE TO SOLE PLATE. REFERENCE SECTIONS 511 AND 837 OF THE STANDARD SPECIFICATIONS FOR BEARING PLATE PREPARATION REQUIREMENTS.
- FOR ALL BEARING AREAS IN EXTERIOR BAYS AT THE FIXED END (FULL DEPTH EDGE BEAM), THE CONTRACTOR SHALL WELD THE BEARING PLATE TO THE SOLE PLATE PRIOR TO CASTING THE EDGE BEAM AND DECK. REFERENCE SECTION 511 & 837 OF TUE STANDARD SPECIFICATIONS FOR BEARING PLATE PREPARATION REQUIREMENTS.
- EXTERIOR LAYER THICKNESS MEASURED FROM OUTSIDE SURFACE OF PAD TO ϕ SHIM PLATE. INTERIOR LAYER THICKNESS MEASURED FROM ϕ SHIM PLATE TO ϕ SHIM PLATE.



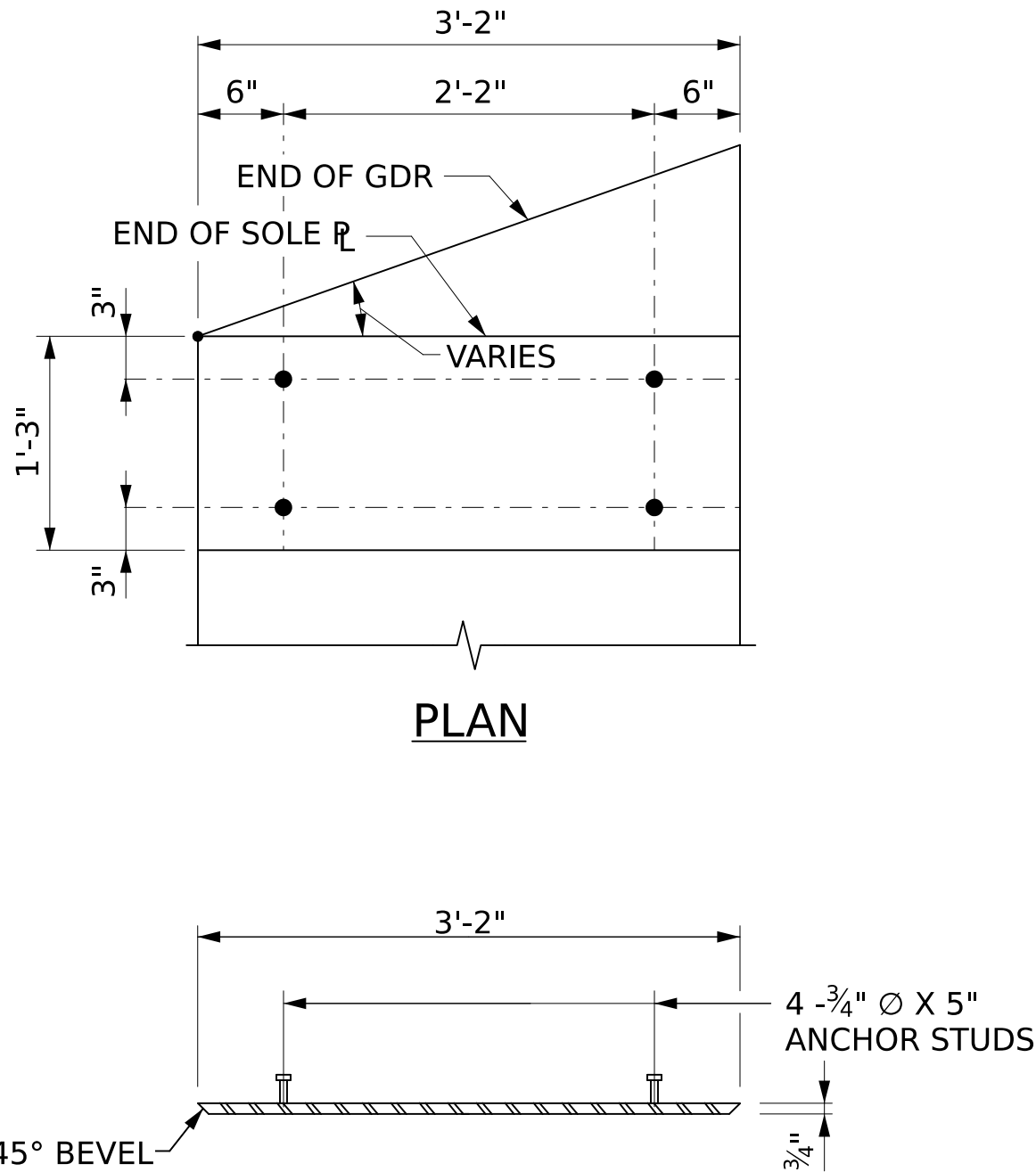
PLAN



ELEVATION - SIDE VIEW

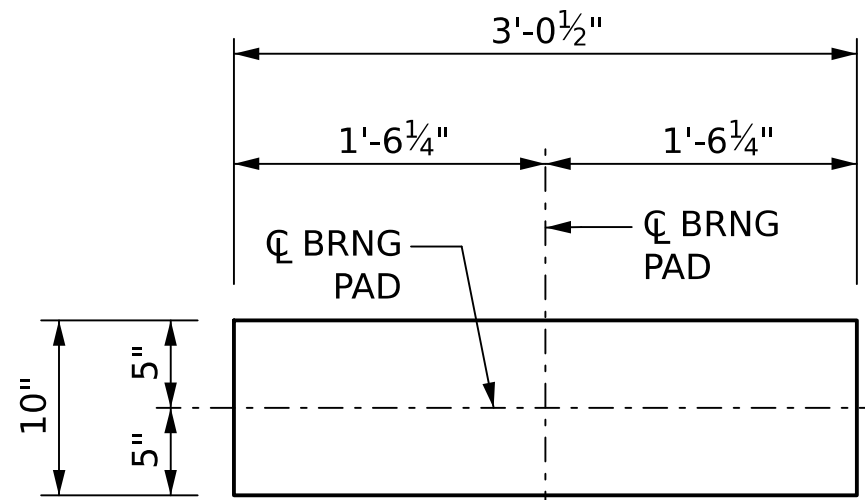
BEVELED BEARING PLATE DETAILS

NTS

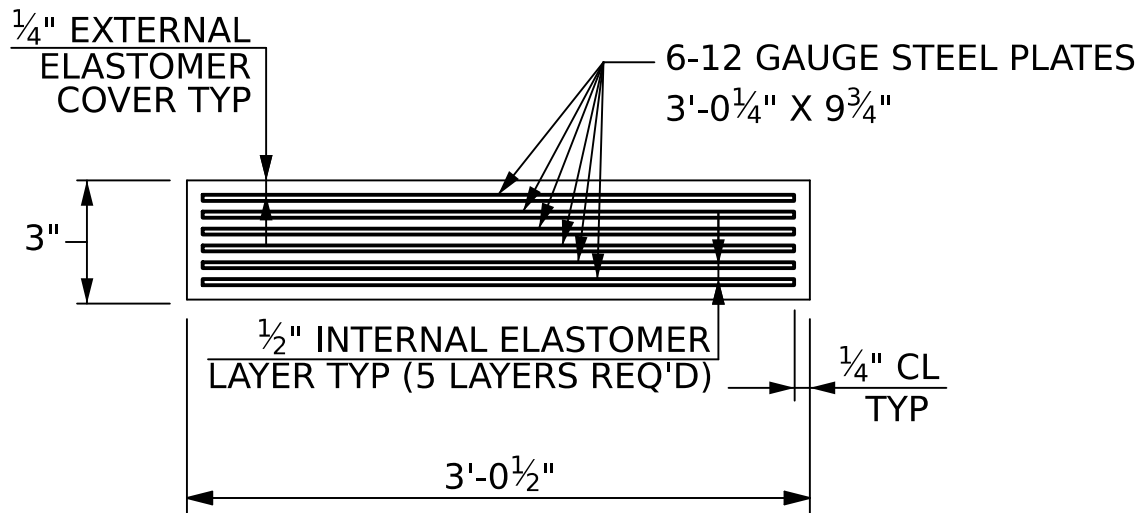


EMBEDDED SOLE PLATE DETAILS

NTS



PLAN



ELEVATION

ELASTOMERIC BEARING PAD DETAILS

NTS



ALABAMA
DEPARTMENT OF
TRANSPORTATION

A	JQA	02/21/2025	60% INTERIM SUBMITTAL
B	JQA	06/16/2025	90% FINAL SUBMITTAL
REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP

PE STAMP

QR
CODE



PLAN SUBMITTAL

90%

BIN(S)
021820 (WB) 021821 (EB)
COUNTY(S)
MOBILE

DESIGNER: JQA

DATE:

BRIDGE SHEET NO. 32 OF 57

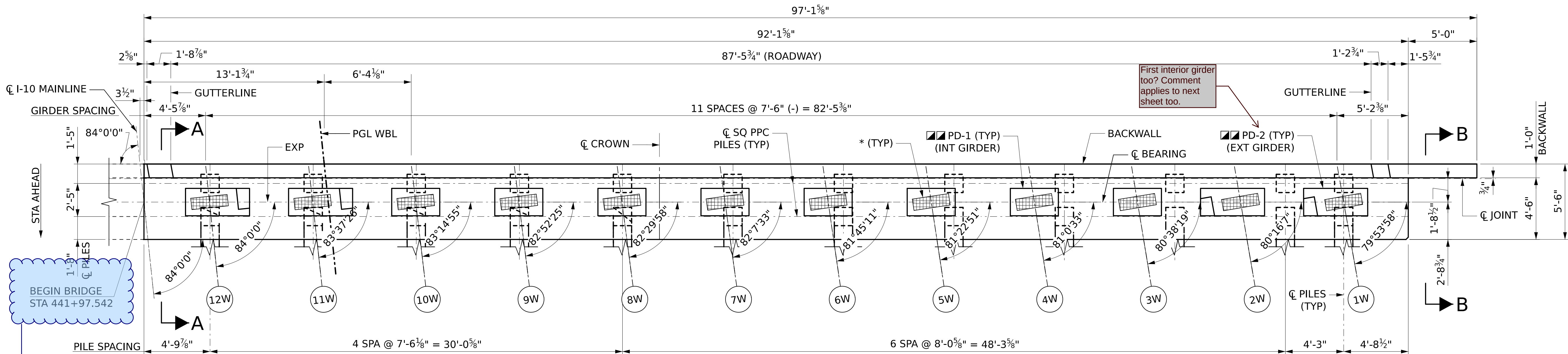
SHEET TITLE

MOBILE RIVER BRIDGE

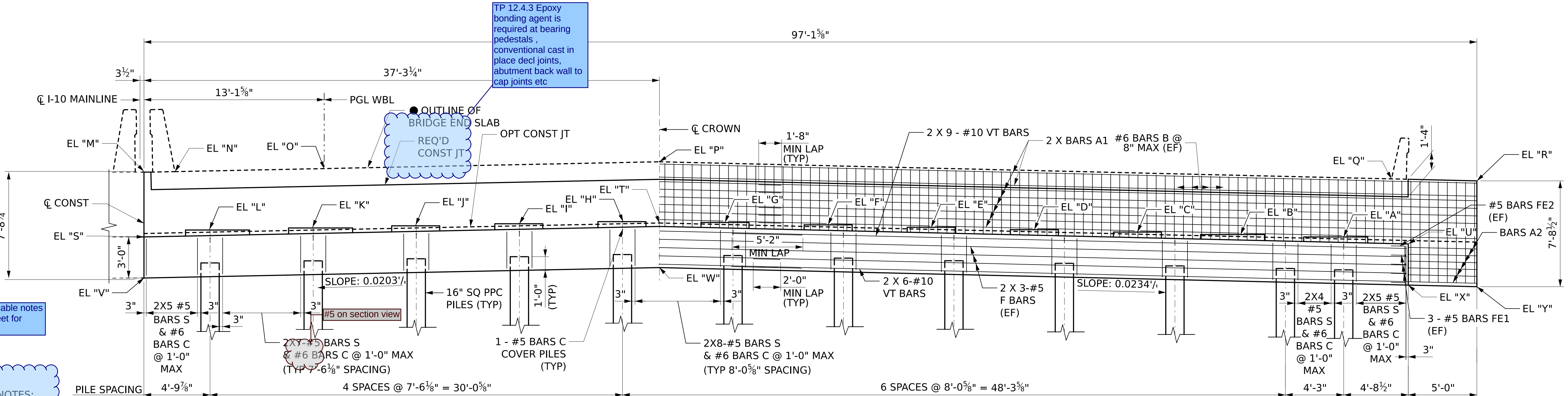
I-10 WB & EB OVER SOUTH CAR ST
BEARING DETAILS

All sheets: verify if dimensions are tied to CL either a Begin/End Bridge Back Face of Back wall or CL Pier because begin bridge is not at correction location these sheets

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
INFRA-I010(353)	2025	S01-BR-03033



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



ELEVATION
SCALE: 1/4" = 1'-0"

Show applicable notes on each sheet for clarity

Show slopes on construction joint and top of cap

Bars B appear in backwall not in cap above piles

FOR PEDESTAL DETAILS, SEE PEDESTAL AND SKID BLOCK DETAILS SHEET.

FOR SECTIONS A-A AND B-B, SEE MISC ABUTMENT DETAILS SHEET.

FOR BRIDGE END SLAB DETAILS, SEE BRIDGE SPECIAL PROJECT DWG NO BES-450(IJ)BP.

FABRICATE ALL BARS TYPE B TO THE SAME LENGTH. MAINTAIN 2" CONCRETE COVER AT TOP OF BARS. CUT BARS AS REQUIRED 2" CL OVER TOP OF PILES.

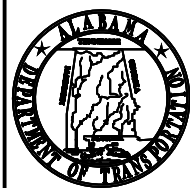
FOR PILE NUMBER, CUT-OFF ELEVATIONS AND PILE TIP ELEVATIONS, SEE PILE DATA TABLE SHEET.

ELASTOMERIC BEARING PAD, TYPE 4 MARK VB6, SEE BRIDGE SPECIAL PROJECT DWG NO SPGD-1.

also refer to details this set of plans

TABLE OF ELEVATIONS

BENT NO	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"I"	"J"	"K"	"L"	"M"	"N"	"O"	"P"	"Q"	"R"	"S"	"T"	"U"	"V"	"W"	"X"	"Y"
WB ABUT 1	30.378	30.554	30.730	30.906	31.082	31.258	31.434	31.490	31.337	31.184	31.032	30.921	35.019	35.201	35.429	35.879	34.699	34.517	30.295	31.165	29.920	27.295	28.165	26.920	26.803



ALABAMA
DEPARTMENT OF
TRANSPORTATION

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
B	JQA	06/16/2025	90% FINAL SUBMITTAL

PE STAMP

PE STAMP

QR CODE

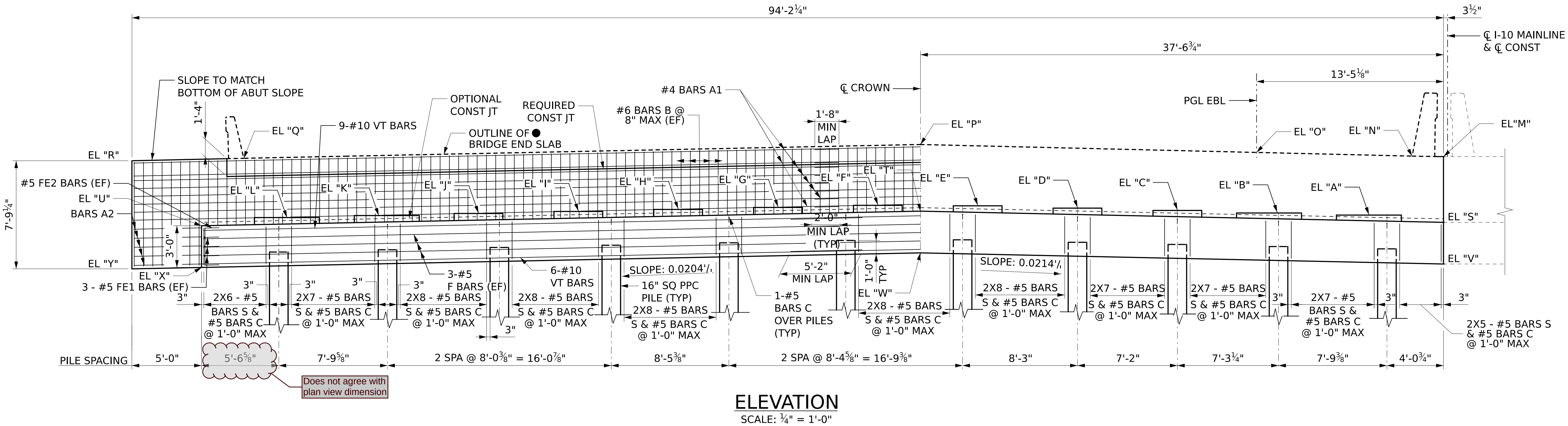
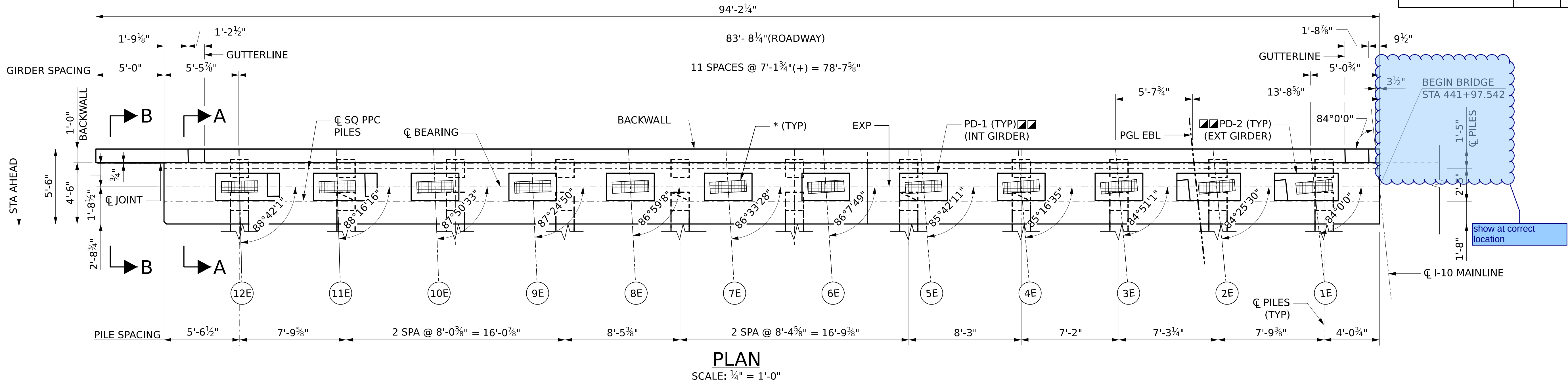


PLAN SUBMITTAL
90%

BIN(S)
021820 (WB) 021821 (EB)
COUNTY(S)
MOBILE

DESIGNER: JQA	DATE:
BRIDGE SHEET NO. 33	OF 57

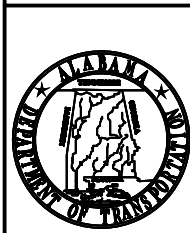
SHEET TITLE
MOBILE RIVER BRIDGE I-10 WB & EB OVER SOUTH CAR ST WESTBOUND ABUTMENT 1



NOTES

1. FOR NOTES, SEE WESTBOUND ABUTMENT 1 SHEET.

TABLE OF ELEVATIONS																									
BENT NO	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"I"	"J"	"K"	"L"	"M"	"N"	"O"	"P"	"Q"	"R"	"S"	"T"	"U"	"V"	"W"	"X"	"Y"
EB ABUT 1	30.893	31.061	31.229	31.397	31.565	31.599	31.453	31.307	31.161	31.015	30.869	30.724	35.071	35.208	35.470	35.994	35.051	34.804	30.295	31.099	29.944	27.295	28.099	27.140	27.033



ALABAMA
DEPARTMENT OF
TRANSPORTATION

A	JQA	02/21/2025	60% INTERIM SUBMITTAL
B	JQA	06/16/2025	90% FINAL SUBMITTAL
REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP

PE STAMP

QR CODE



PLAN SUBMITTAL
90%

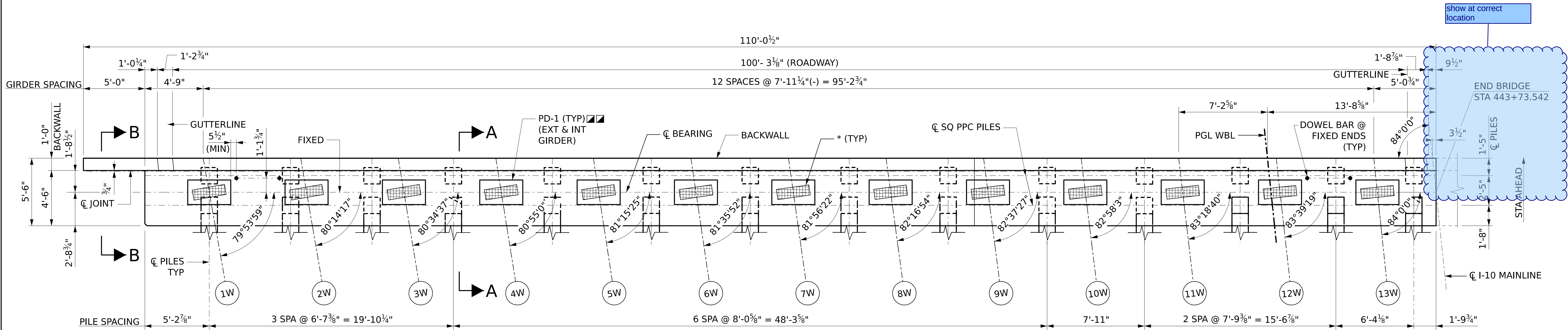
BIN(S)
021820 (WB) 021821 (EB)
COUNTY(S)
MOBILE

DESIGNER: JQA
DATE:
BRIDGE SHEET NO. 34 OF 57

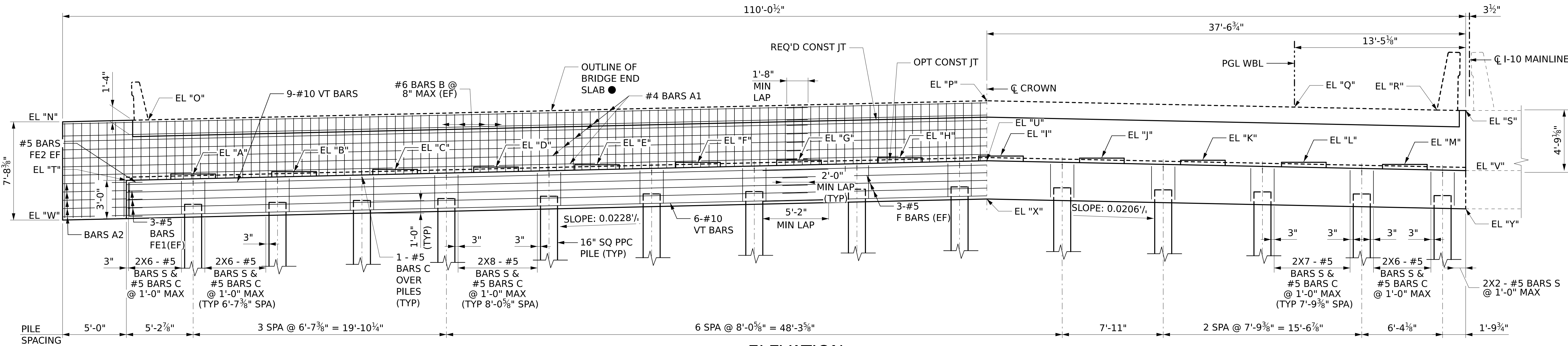
SHEET TITLE
MOBILE RIVER BRIDGE
I-10 WB & EB OVER SOUTH CAR ST
EASTBOUND ABUTMENT 1

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
INFRA-I010(353)	2025	S01-BR-03035

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION



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



ELEVATION
SCALE: 1/4" = 1'-0"

NOTES:

1. FOR NOTES, SEE ABUTMENT 1 WB SHEET.

TABLE OF ELEVATIONS																						
BENT NO	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"I"	"J"	"K"	"L"	"M"	"N"	"O"	"P"	"Q"	"R"	"S"	"T"	"U"	"V"
WB ABUT 3	27.868	28.050	28.232	28.414	28.596	28.778	28.960	29.142	29.276	29.111	28.947	28.782	28.618	31.982	32.111	33.632	33.101	32.869	32.806	27.398	28.820	28.046



ALABAMA
DEPARTMENT OF
TRANSPORTATION

A	JQA	02/21/2025	60% INTERIM SUBMITTAL
B	JQA	06/16/2025	90% FINAL SUBMITTAL
REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP
DATE

PE STAMP
DATE

QR CODE



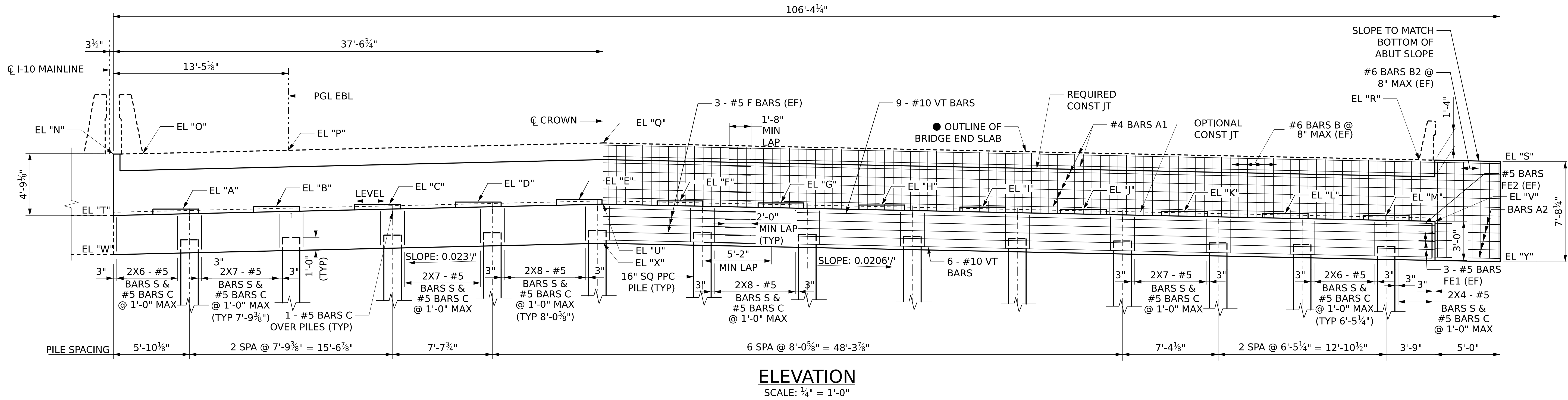
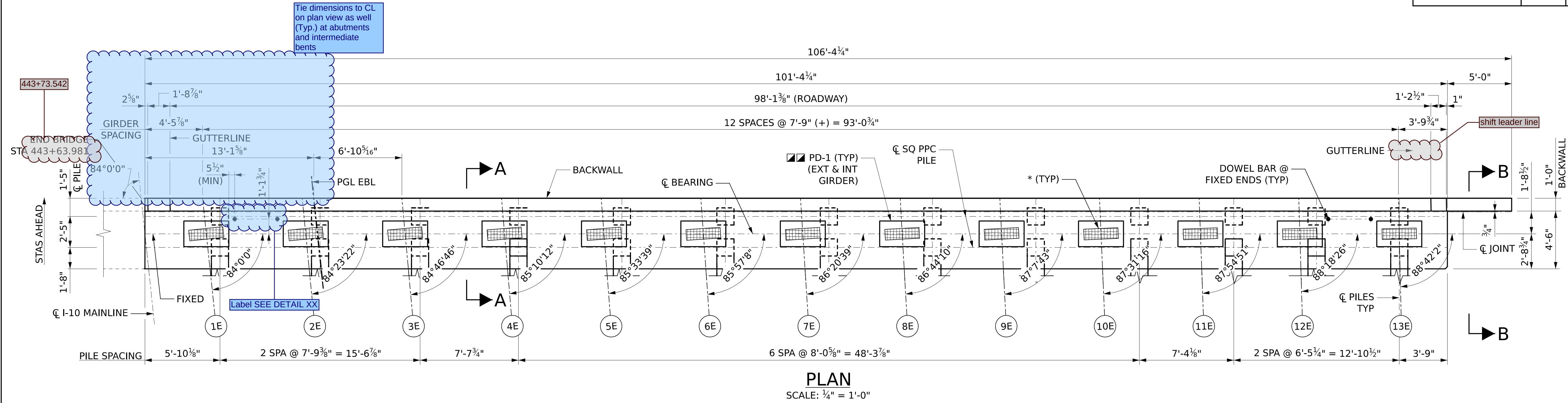
PLAN SUBMITTAL
90%

BIN(S)		DESIGNER: JQA	DATE:
021820 (WB) 021821 (EB)			
COUNTY(S)		BRIDGE SHEET NO.	35 OF 57
MOBILE			

SHEET TITLE
MOBILE RIVER BRIDGE
I-10 WB & EB OVER SOUTH CAR ST
WESTBOUND ABUTMENT 3

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
INFRA-I010(353)	2025	S01-BR-03036

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION



NOTES
FOR NOTES, SEE ABUTMENT 1 WB SHEET.

TABLE OF ELEVATIONS																							
BENT NO	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"I"	"J"	"K"	"L"	"M"	"N"	"O"	"P"	"Q"	"R"	"S"	"T"	"U"	"V"	"W"
EB ABUT 3	28.629	28.847	28.985	29.163	29.341	29.261	29.100	28.940	28.779	28.619	28.459	28.298	28.138	32.806	32.874	33.131	33.176	32.384	32.042	28.046	28.917	27.603	25.046

A	JQA	02/21/2025	60% INTERIM SUBMITTAL
B	JQA	06/16/2025	90% FINAL SUBMITTAL
REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP

PE STAMP

QR CODE

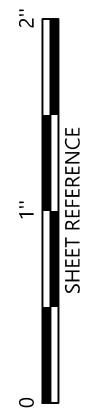
PLAN SUBMITTAL

90%

BIN(S)
021820 (WB)
021821 (EB)
COUNTY(S)
MOBILE

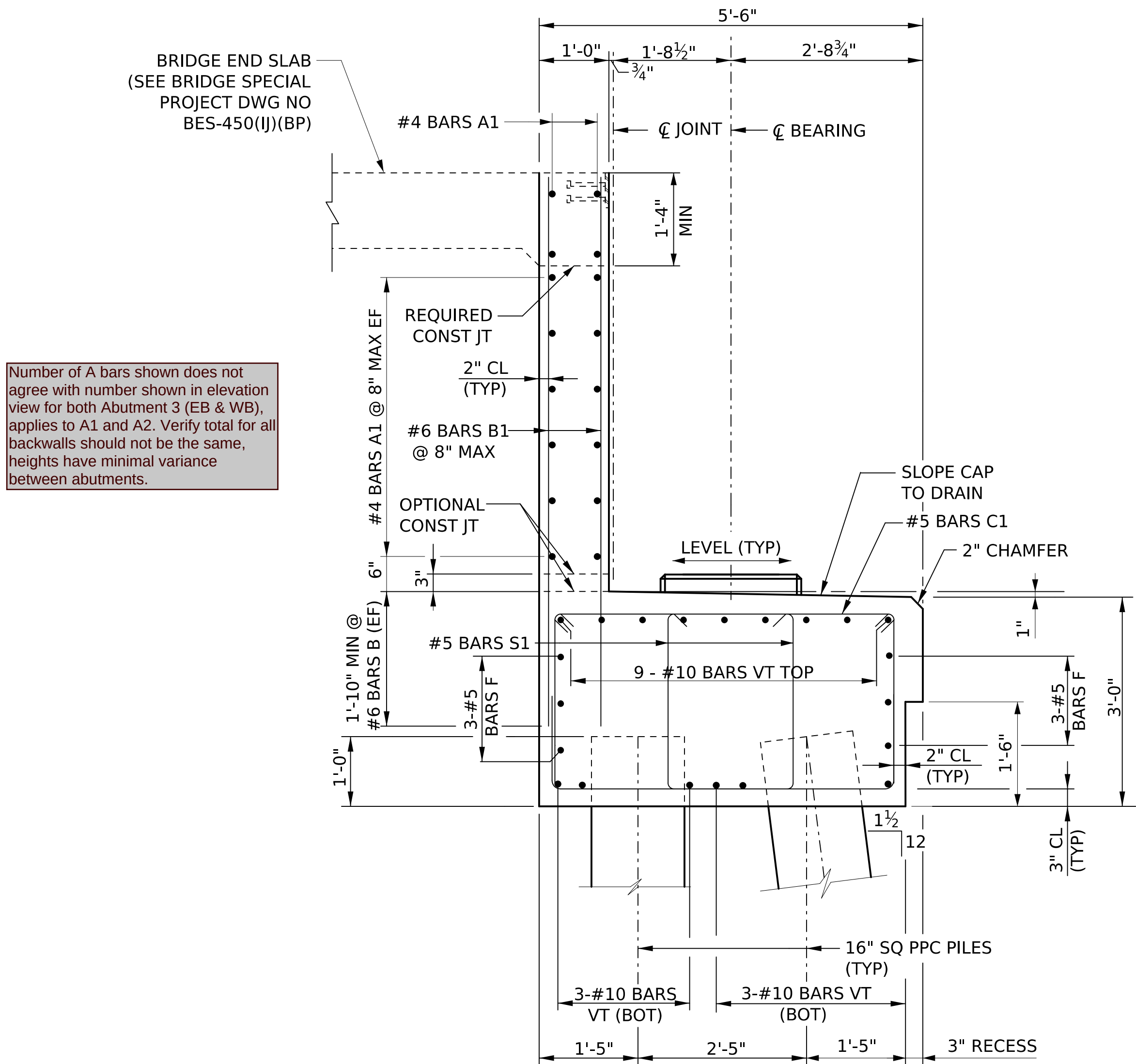
DESIGNER: JQA	DATE:
BRIDGE SHEET NO. 36	OF 57

SHEET TITLE	
MOBILE RIVER BRIDGE	
I-10 WB & EB OVER SOUTH CAR ST	
EASTBOUND ABUTMENT 3	

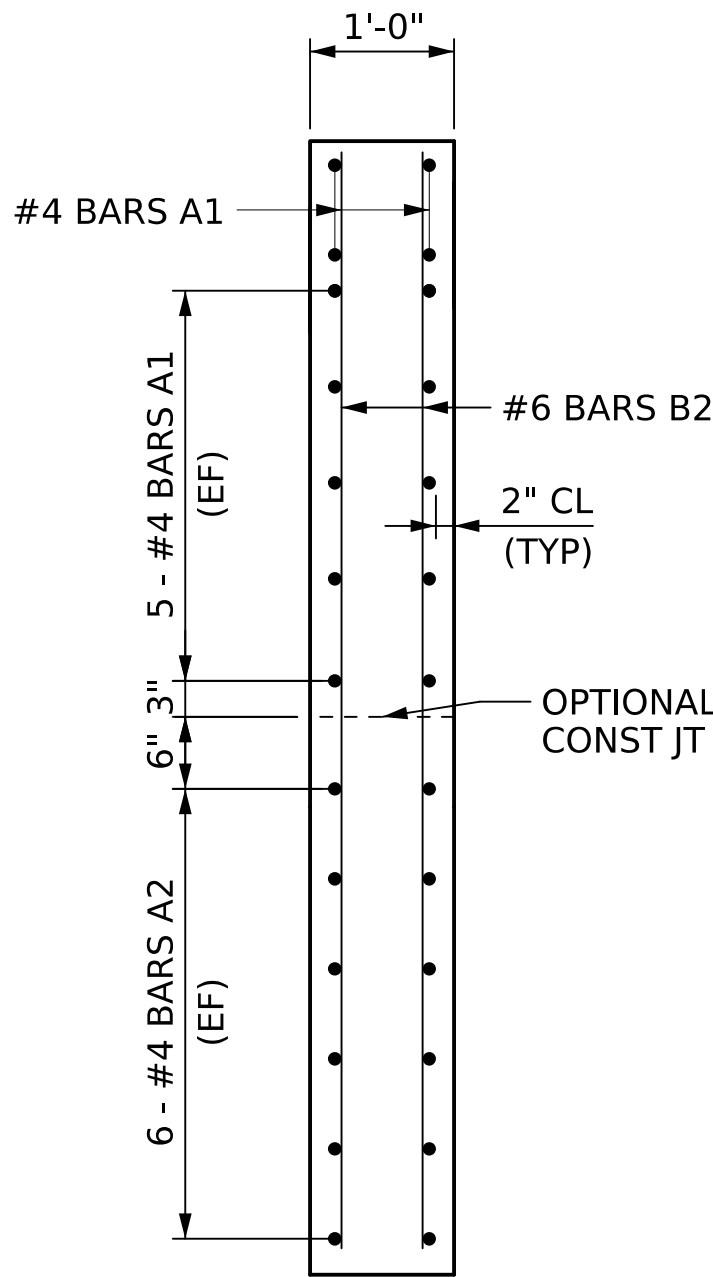


REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
INFRA-I010(353)	2025	S01-BR-03037

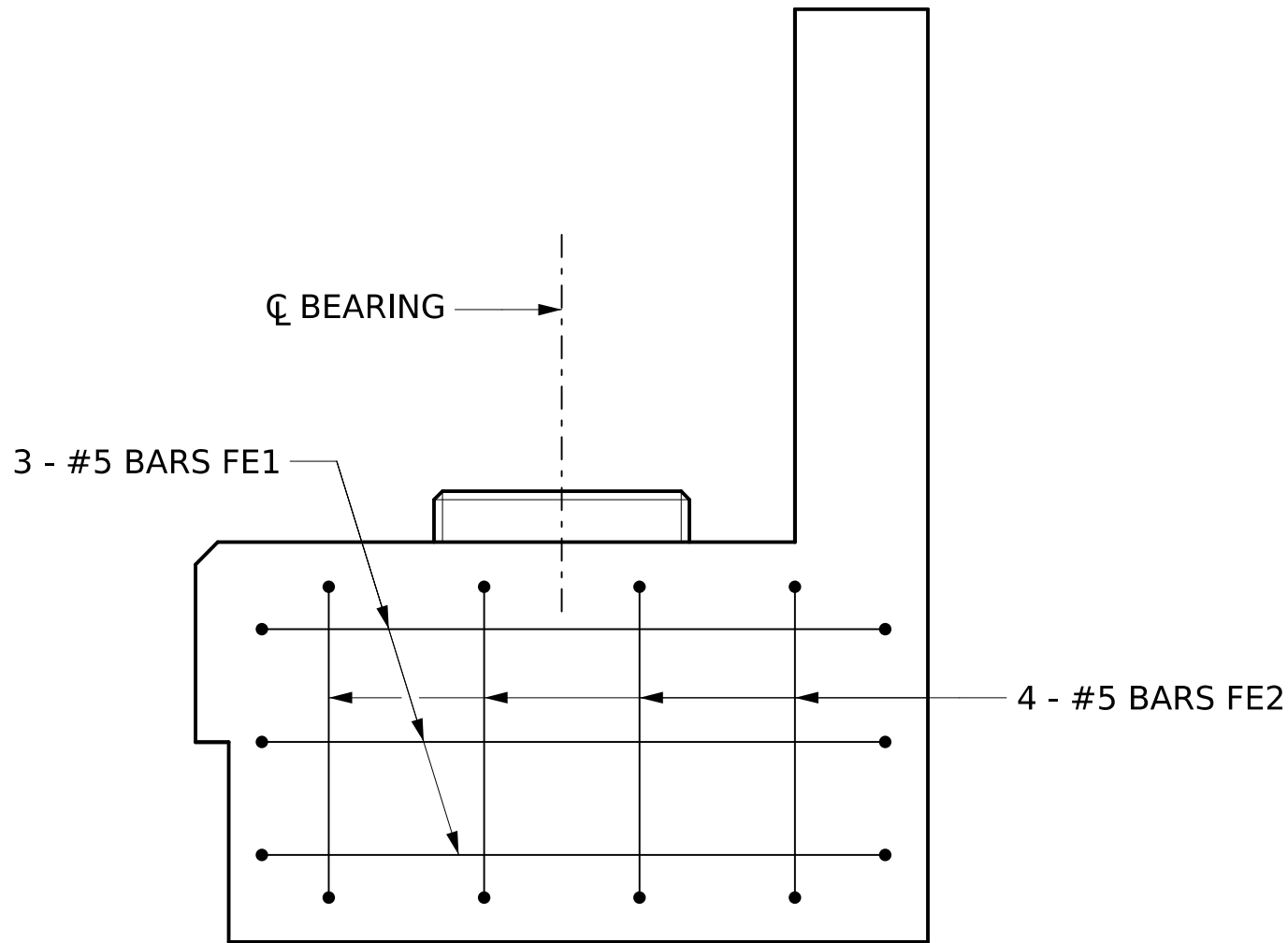
PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION



SECTION A-A
SCALE: $\frac{3}{4}" = 1'-0"$



SECTION B-B
SCALE: $\frac{3}{4}" = 1'-0"$



END CAP - REINFORCEMENT

- NOTES:
1. FOR PEDESTAL REINFORCEMENT DETAILS, SEE PEDESTAL AND SKID BLOCK DETAILS SHEET.
 2. FOR BILL OF REINFORCEMENT, SEE ABUT REINFORCING SHEET.

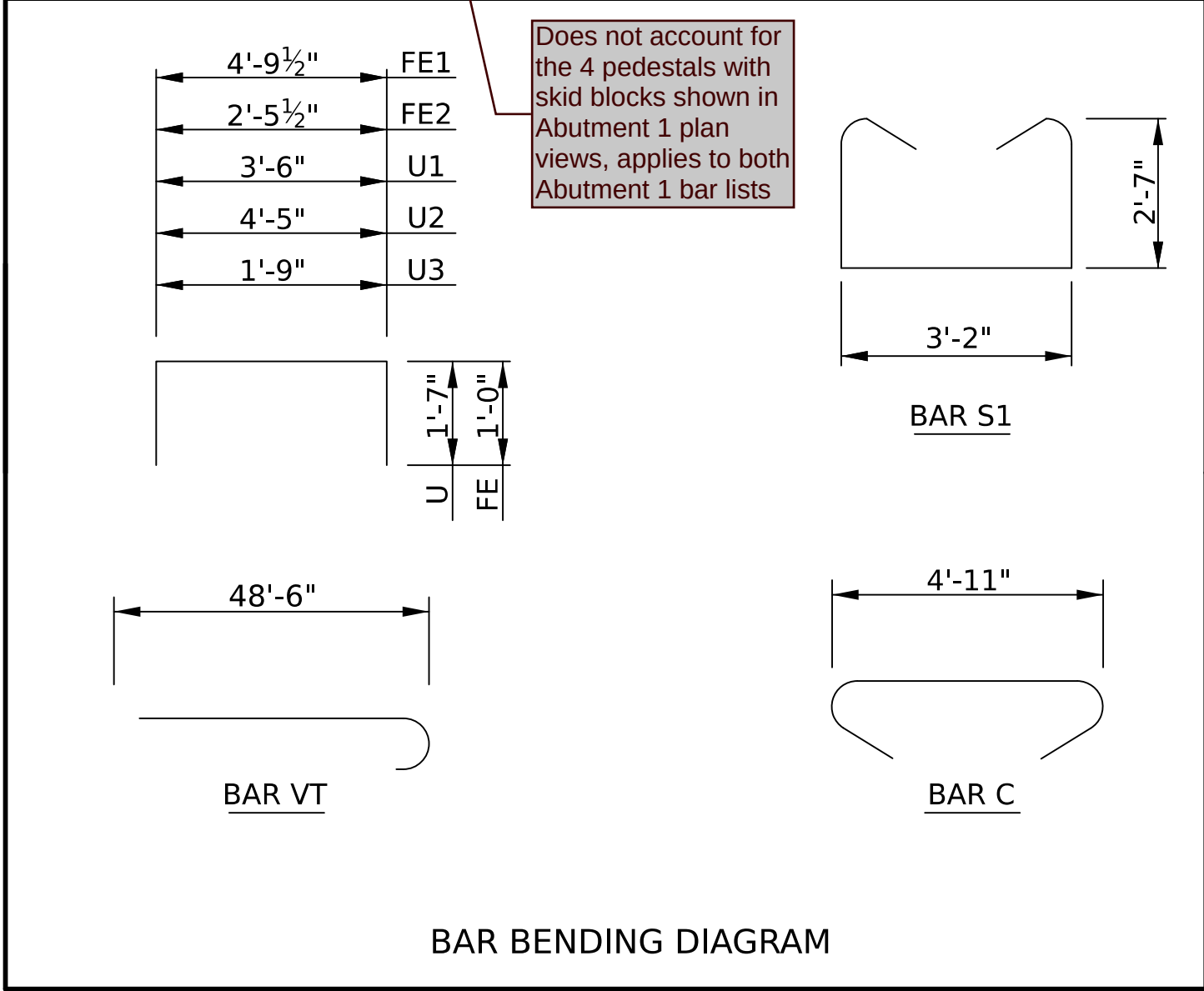
 ALABAMA DEPARTMENT OF TRANSPORTATION	A	JQA	02/21/2025	60% INTERIM SUBMITTAL							PLAN SUBMITTAL	BIN(S)	DESIGNER: <u>JQA</u> DATE: _____	SHEET TITLE MOBILE RIVER BRIDGE I-10 WB & EB OVER SOUTH CAR ST MISC ABUT DETAILS
	B	JQA	06/16/2025	90% FINAL SUBMITTAL								021820 (WB) 021821 (EB)		
												COUNTY(S)		
												MOBILE		
	REV. NO.	BY	DATE	DESCRIPTION OF REVISION								DATE		

Add K bars to Abutment 1 bar lists

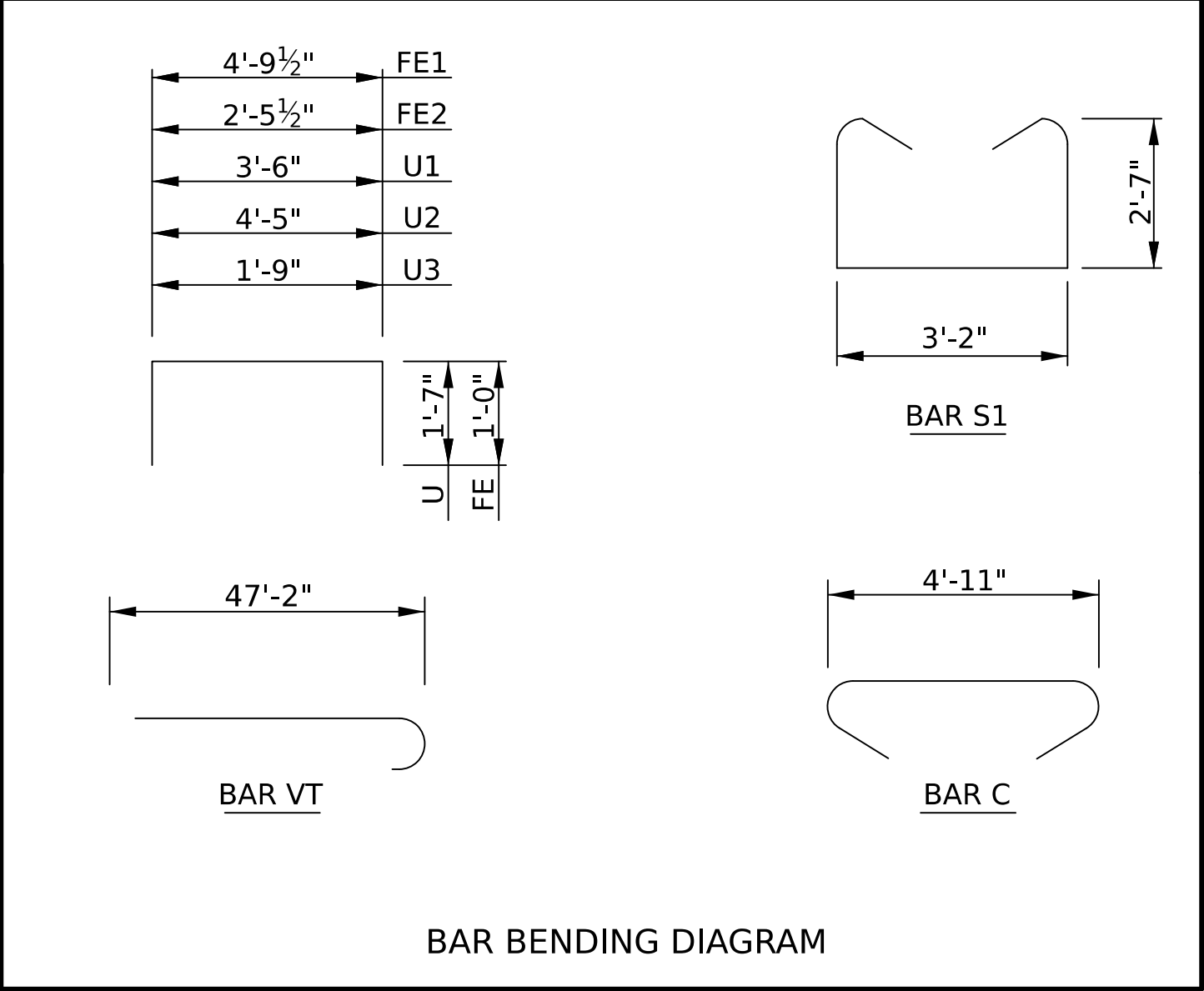
Confirm includes reinforcement in both face of backwall, applies to all bar lists this sheet

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
INFRA-I010(353)	2025	S01-BR-03038

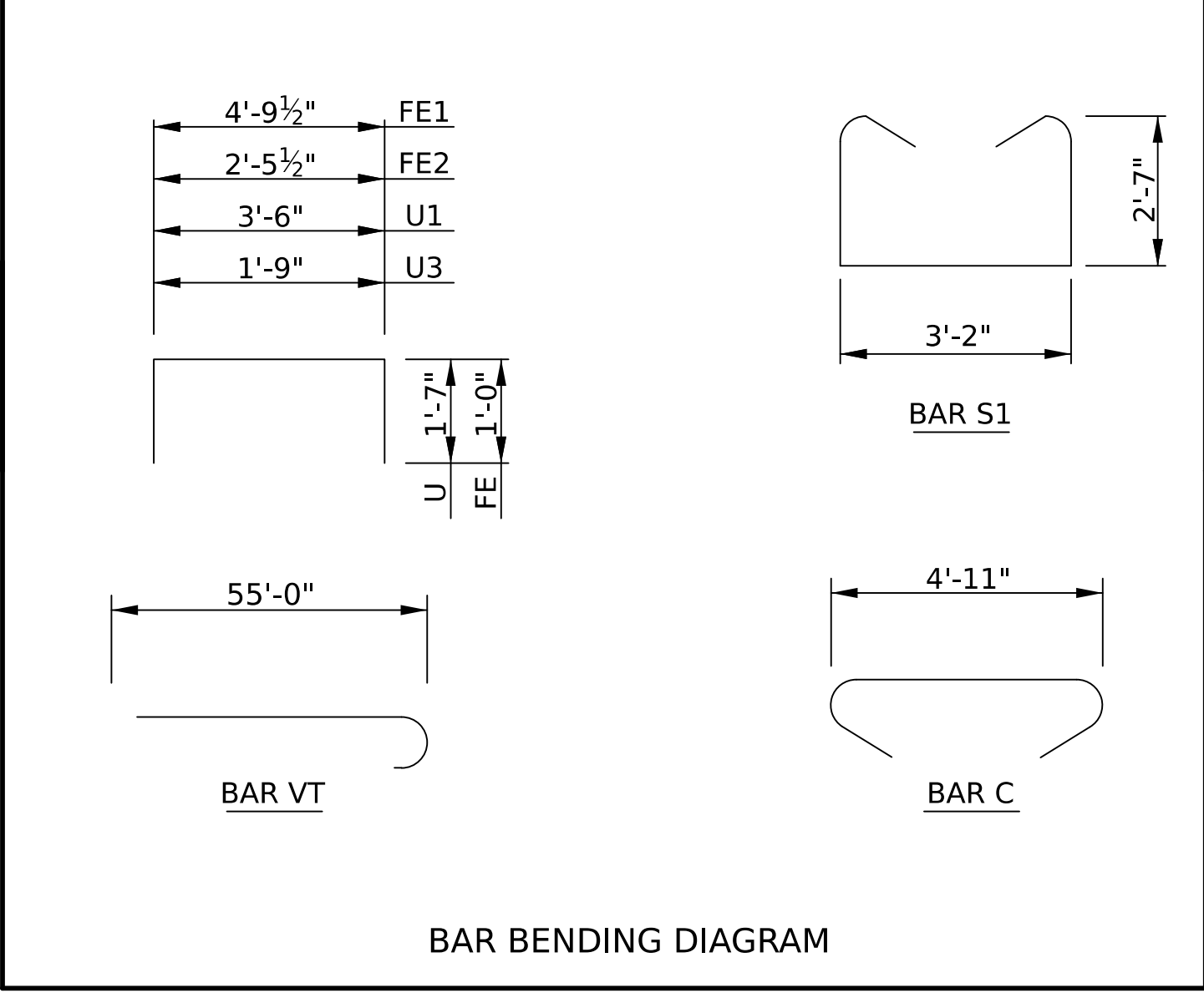
BILL OF REINFORCEMENT WB ABUT 1					
MARK	SIZE	NO	LENGTH	LOCATION	BENDING
A1	4	32	49'-4"	BACKWALL	STRAIGHT
A2	4	12	6'-10 1/2"	BACKWALL	STRAIGHT
B1	6	139	6'-4 5/8"	BACKWALL	STRAIGHT
B2	6	8	7'-3 3/4"	BACKWALL	STRAIGHT
C1	5	90	5'-10"	CAP	SEE DIAG
F	5	12	47'-0"	CAP	STRAIGHT
FE1	5	6	6'-9 1/2"	CAP	SEE DIAG
FE2	5	8	4'-5 1/2"	CAP	SEE DIAG
S1	5	180	9'-3"	CAP	SEE DIAG
U1	3	50	6'-8"	PEDESTAL	SEE DIAG
U2	3	10	7'-7"	PEDESTAL	SEE DIAG
U3	3	110	4'-11"	PEDESTAL	SEE DIAG
VT	10	30	50'-0"	CAP	SEE DIAG



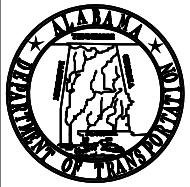
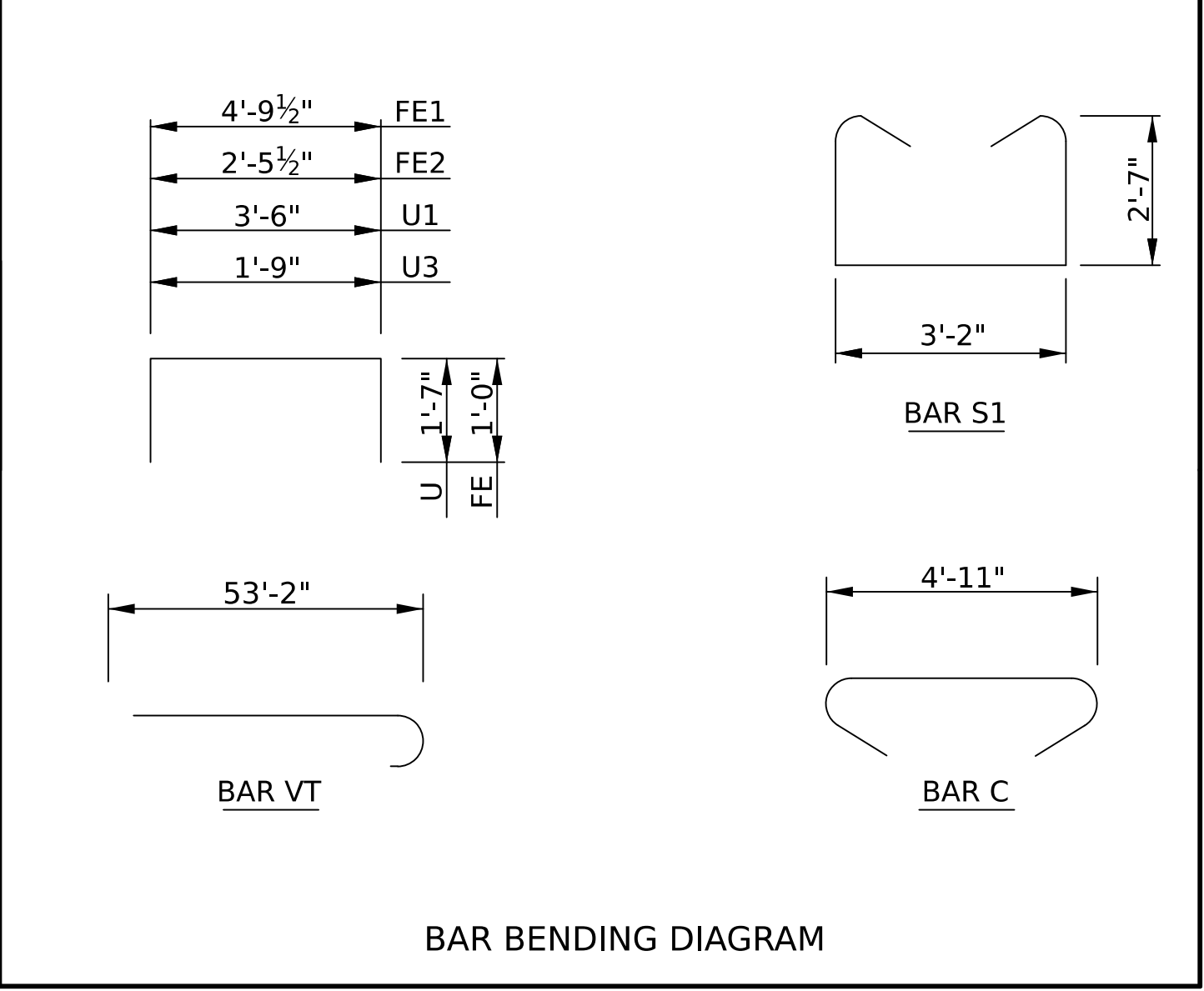
BILL OF REINFORCEMENT EB ABUT 1					
MARK	SIZE	NO	LENGTH	LOCATION	BENDING
A1	4	28	48'-0"	BACKWALL	STRAIGHT
A2	4	10	6'-10 1/2"	BACKWALL	STRAIGHT
B1	6	134	6'-5 1/4"	BACKWALL	STRAIGHT
B2	6	8	7'-3 3/8"	BACKWALL	STRAIGHT
C1	5	87	5'-10"	CAP	SEE DIAG
F	5	12	45'-6"	CAP	STRAIGHT
FE1	5	6	6'-9 1/2"	CAP	SEE DIAG
FE2	5	8	4'-5 1/2"	CAP	SEE DIAG
S1	5	174	9'-3"	CAP	SEE DIAG
U1	3	50	6'-8"	PEDESTAL	SEE DIAG
U2	3	10	7'-7"	PEDESTAL	SEE DIAG
U3	3	110	4'-11"	PEDESTAL	SEE DIAG
VT	10	30	48'-8"	CAP	SEE DIAG



BILL OF REINFORCEMENT WB ABUT 3					
MARK	SIZE	NO	LENGTH	LOCATION	BENDING
A1	4	28	55'-9"	BACKWALL	STRAIGHT
A2	4	10	6'-10 1/2"	BACKWALL	STRAIGHT
B1	6	158	6'-4 3/8"	BACKWALL	STRAIGHT
B2	6	8	7'-4 1/8"	BACKWALL	STRAIGHT
C1	5	102	5'-10"	CAP	SEE DIAG
F	5	12	53'-6"	CAP	STRAIGHT
FE1	5	6	6'-9 1/2"	CAP	SEE DIAG
FE2	5	8	4'-5 1/2"	CAP	SEE DIAG
S1	5	204	9'-3"	CAP	SEE DIAG
U1	3	65	6'-8"	PEDESTAL	SEE DIAG
U3	3	117	4'-11"	PEDESTAL	SEE DIAG
VT	10	30	56'-6"	CAP	SEE DIAG



BILL OF REINFORCEMENT EB ABUT 3					
MARK	SIZE	NO	LENGTH	LOCATION	BENDING
A1	4	28	54'-0"	BACKWALL	STRAIGHT
A2	4	10	6'-10 1/2"	BACKWALL	STRAIGHT
B1	6	153	6'-5 1/8"	BACKWALL	STRAIGHT
B2	6	8	7'-3 1/4"	BACKWALL	STRAIGHT
C1	5	99	5'-10"	CAP	SEE DIAG
F	5	12	51'-7"	CAP	STRAIGHT
FE1	5	6	6'-9 1/2"	CAP	SEE DIAG
FE2	5	8	4'-5 1/2"	CAP	SEE DIAG
S1	5	198	9'-3"	CAP	SEE DIAG
U1	3	65	6'-8"	PEDESTAL	SEE DIAG
U3	3	117	4'-11"	PEDESTAL	SEE DIAG
VT	10	30	54'-8"	CAP	SEE DIAG



ALABAMA
DEPARTMENT OF
TRANSPORTATION

A	JQA	02/21/2025	60% INTERIM SUBMITTAL
B	JQA	06/16/2025	90% FINAL SUBMITTAL
REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP
DATE

PE STAMP
DATE

QR
CODE

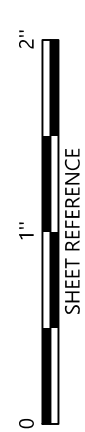


PLAN SUBMITTAL
90%

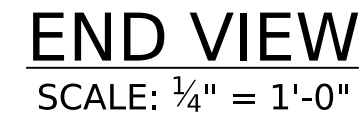
BIN(S)
021820 (WB) 021821 (EB)
COUNTY(S)
MOBILE

DESIGNER: JQA	DATE:
BRIDGE SHEET NO. 38	OF 57

SHEET TITLE
MOBILE RIVER BRIDGE I-10 WB & EB OVER SOUTH CAR ST ABUT REINFORCING

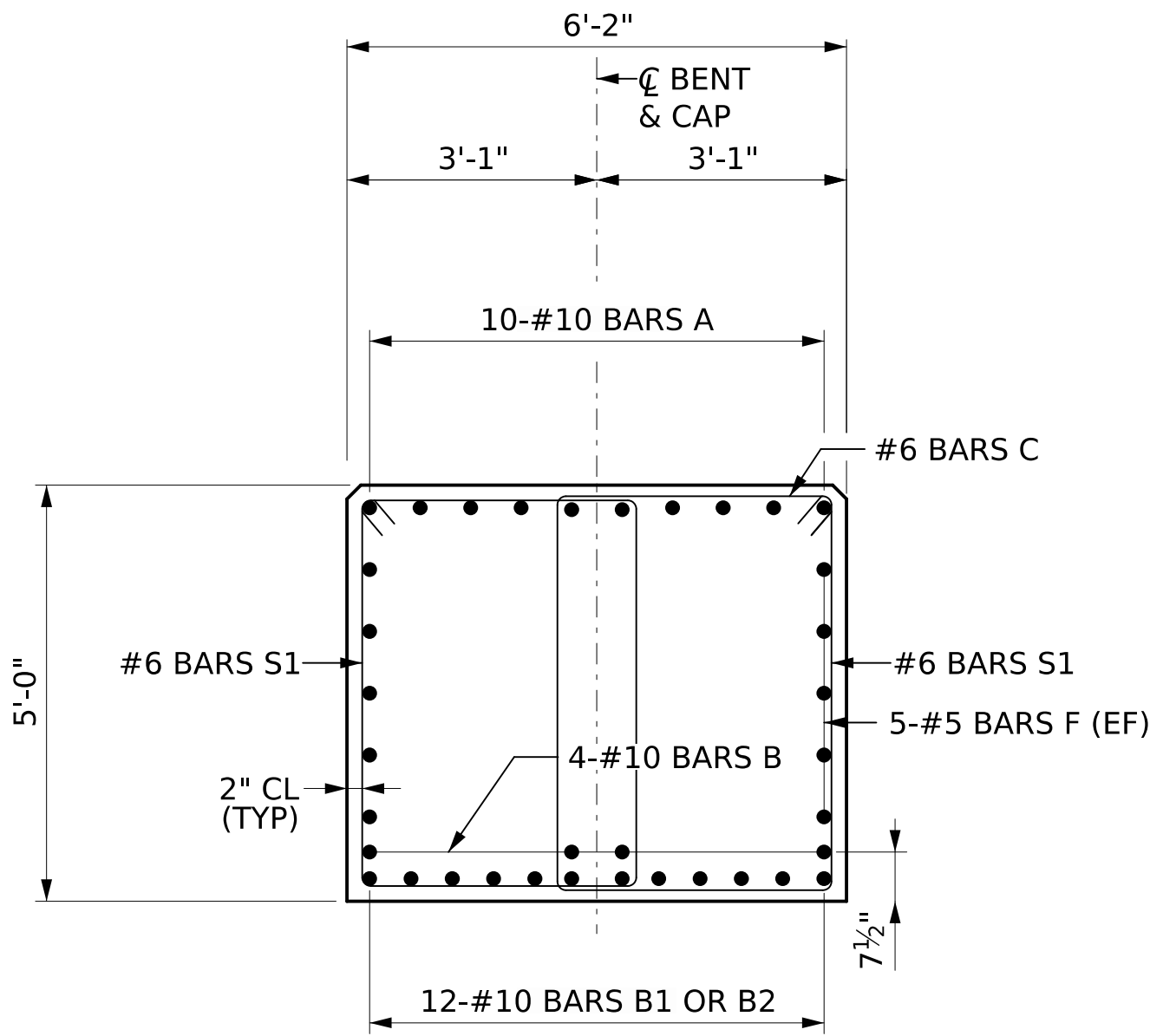


95'-7½"

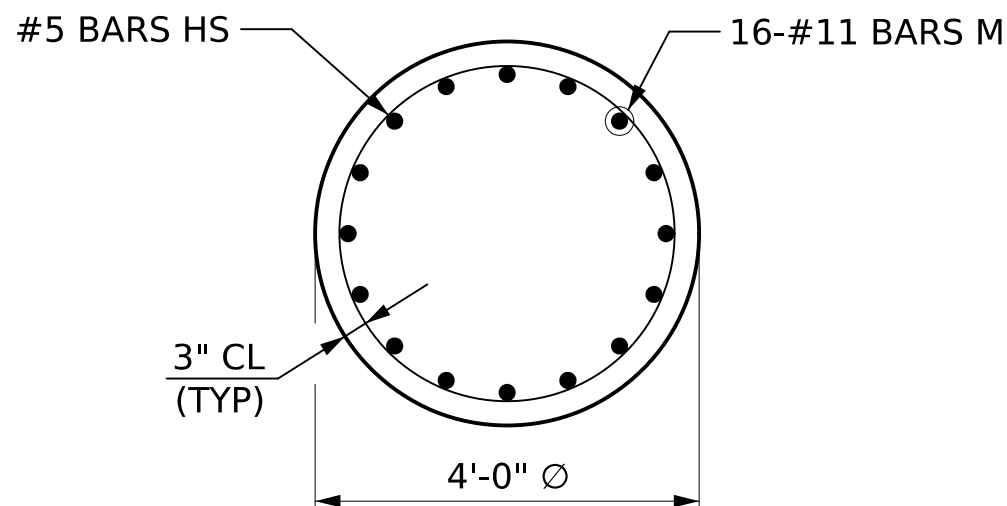


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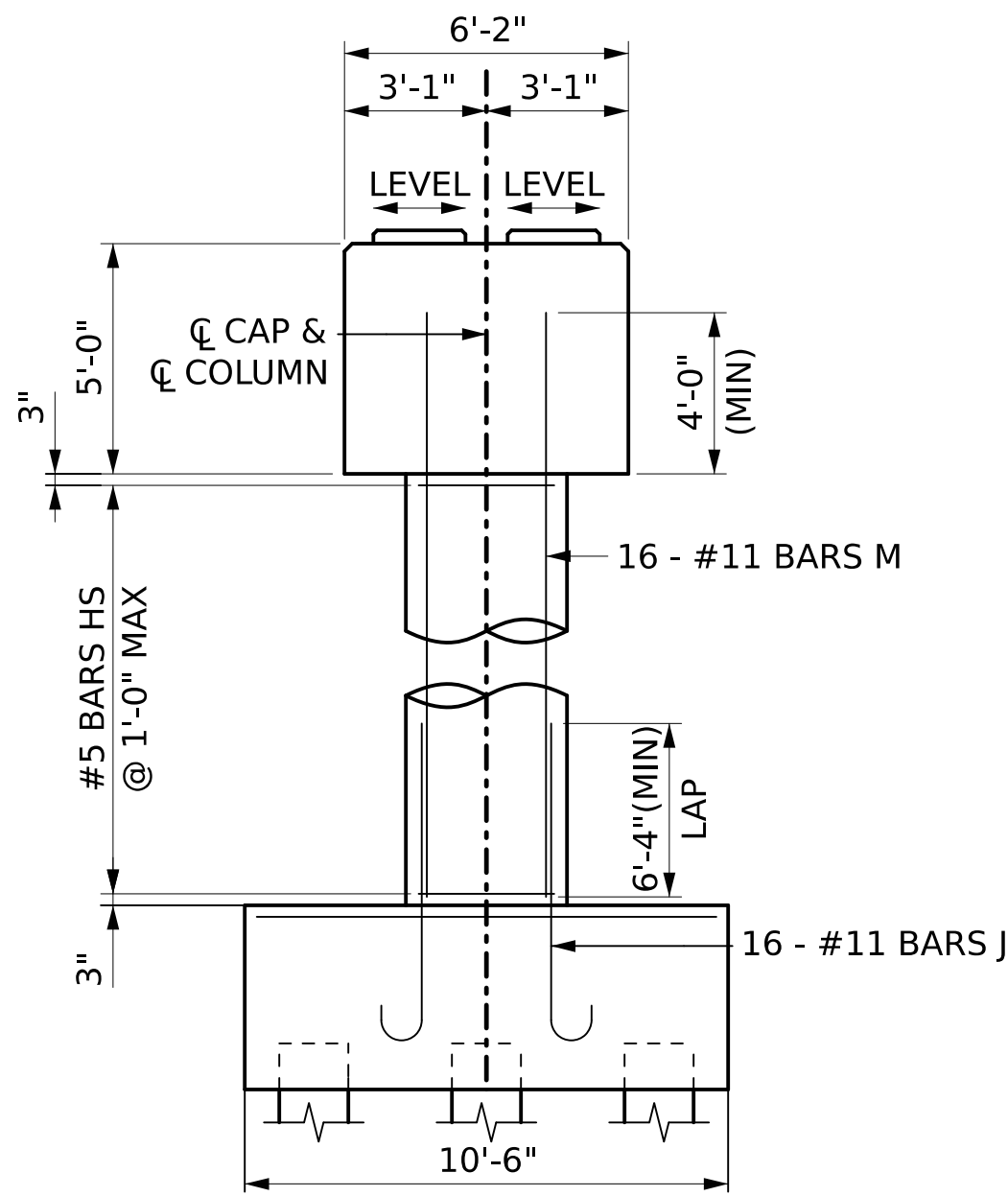
SHEET TITLE	
MOBILE RIVER BRIDGE	
I-10 WB & EB OVER SOUTH CAR ST	
WESTBOUND BENT 2	



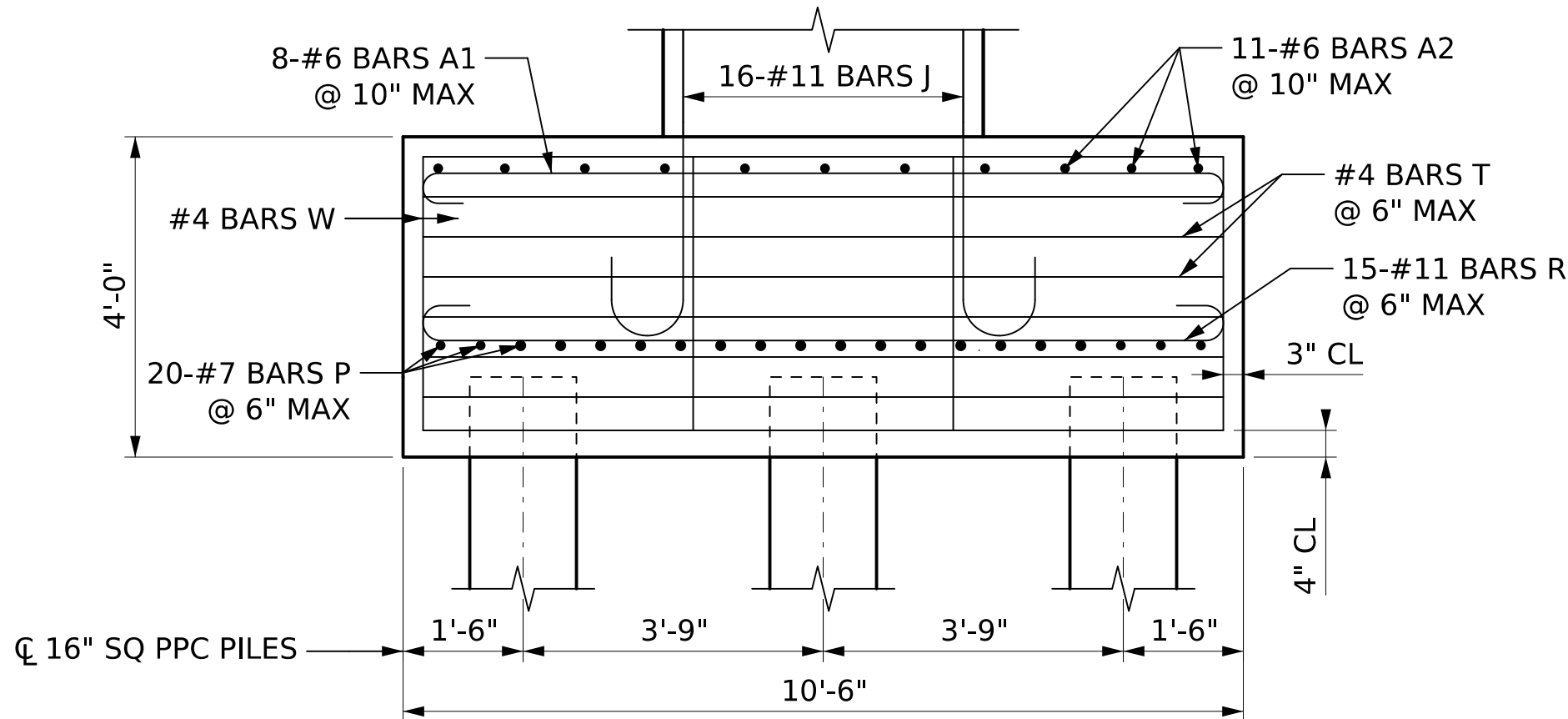
***SECTION A-A**
SCALE: 1/2" = 1'-0"



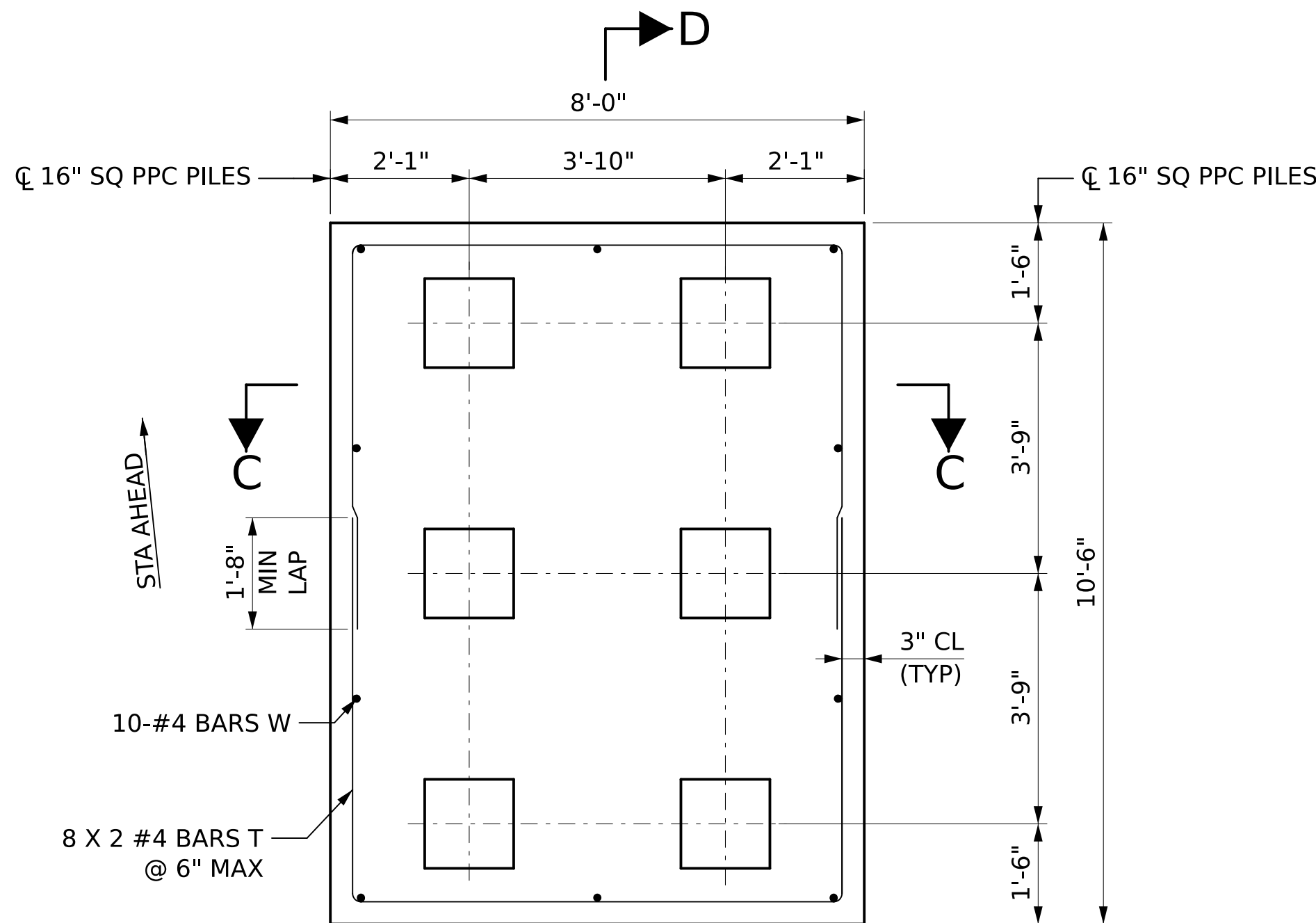
***SECTION B-B**
SCALE: 1/2" = 1'-0"



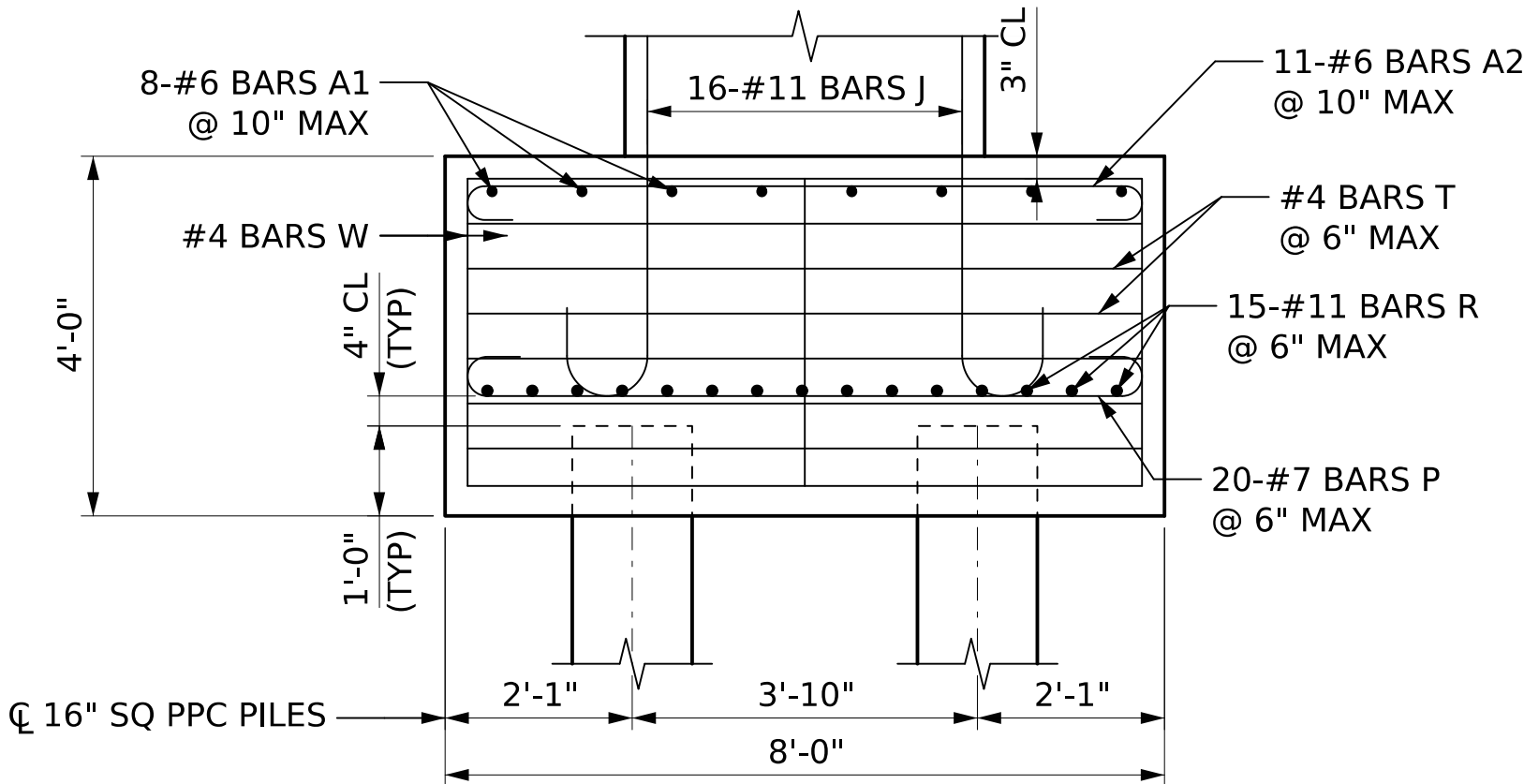
***END VIEW**
SCALE: 1/4" = 1'-0"



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



FOOTING PLAN
SCALE: 1/2" = 1'-0"



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

NOTES:

- FOR PILE NUMBER, PILE TIP, AND CUT OFF ELEVATIONS, SEE PILE DATA TABLE SHEET.
- SECTIONS SHOWN ARE SIMILAR FOR EASTBOUND AND WESTBOUND BENTS.
- FOR PILE DETAILS, SEE PILE DETAIL SHEETS.



ALABAMA
DEPARTMENT OF
TRANSPORTATION

A	JQA	02/21/2025	60% INTERIM SUBMITTAL
B	JQA	06/16/2025	90% FINAL SUBMITTAL
REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP
DATE

PE STAMP
DATE

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PLAN SUBMITTAL
90%

BIN(S)
021820 (WB) 021821 (EB)
COUNTY(S)
MOBILE

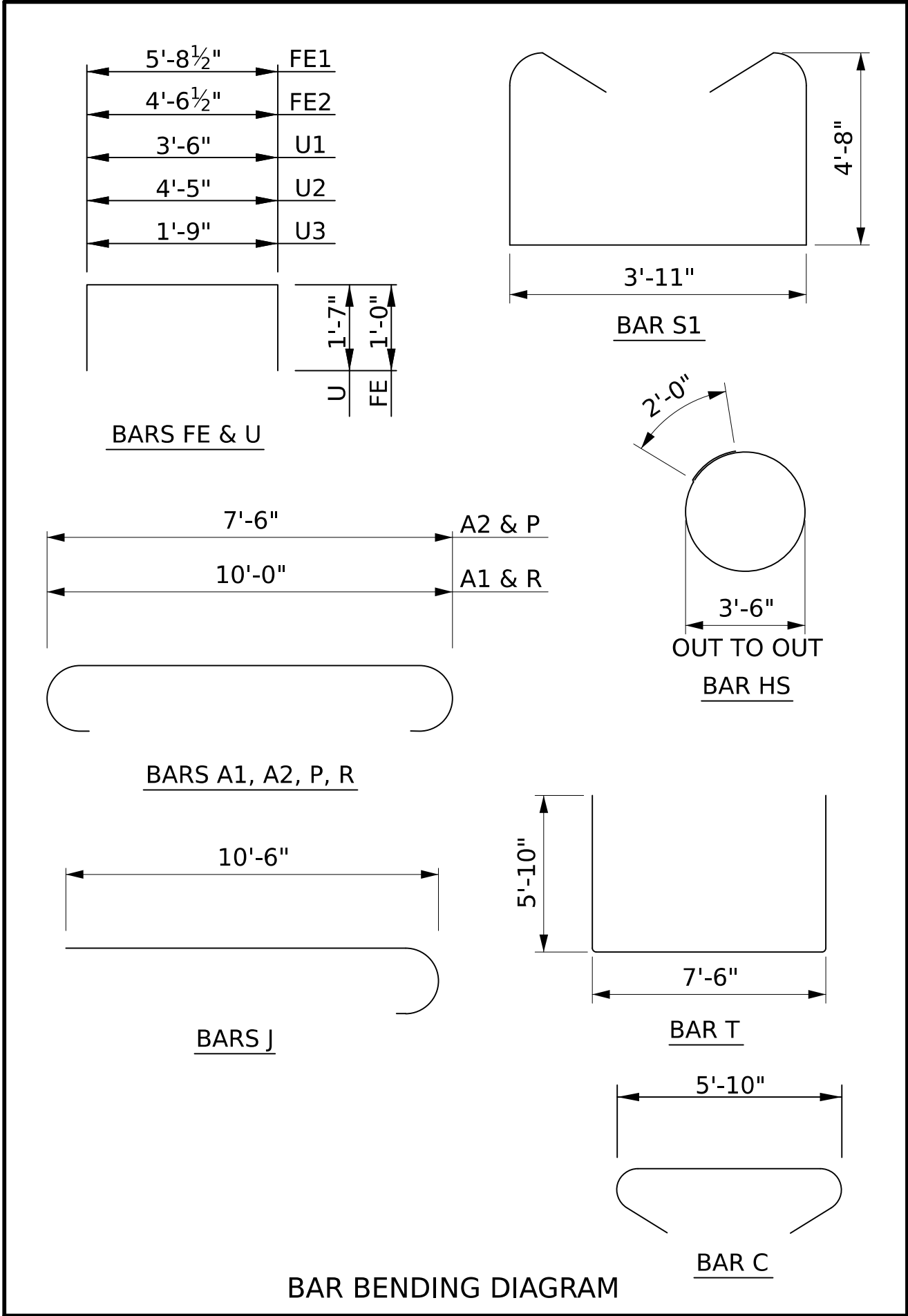
DESIGNER: JQA
DATE: _____
BRIDGE SHEET NO. 41 OF 57

SHEET TITLE
MOBILE RIVER BRIDGE
I-10 WB & EB OVER SOUTH CAR ST
BENT DETAILS

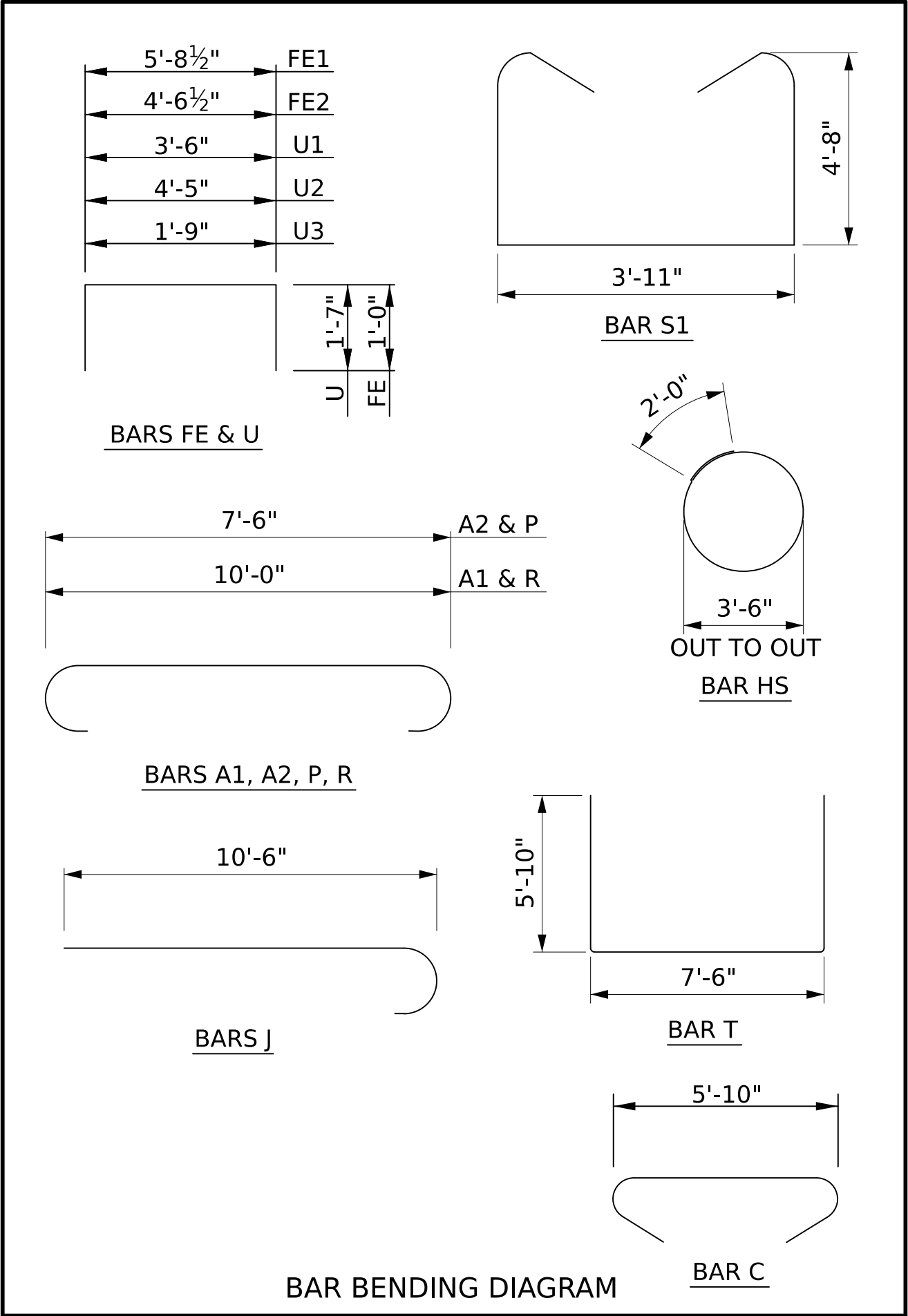
Verify total C and S bars with number shown on bent elevations

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
INFRA-I010(353)	2025	S01-BR-03042

BILL OF REINFORCEMENT WESTBOUND BENT 2					
MARK	SIZE	NO	LENGTH	LOCATION	BENDING
A	10	20	51'-3"	CAP	STRAIGHT
A1	6	32	11'-4"	FOOTING	SEE DIAG
A2	6	44	8'-10"	FOOTING	SEE DIAG
B1	10	16	60'-0"	CAP	STRAIGHT
B2	10	16	40'-7"	CAP	STRAIGHT
C	6	128	6'-9"	CAP	SEE DIAG
F	5	20	49'-8"	CAP	STRAIGHT
FE1	5	12	7'-8 1/2"	CAP	SEE DIAG
FE2	5	16	6'-6 1/2"	CAP	SEE DIAG
HS	5	60	13'-0"	COLUMN	SEE DIAG
J	11	64	12'-1"	FOOTING	SEE DIAG
M	11	64	16'-8"	COLUMN	STRAIGHT
P	7	80	9'-2"	FOOTING	SEE DIAG
R	11	60	13'-2"	FOOTING	SEE DIAG
S1	6	256	14'-2"	CAP	SEE DIAG
T	4	64	19'-2"	FOOTING	SEE DIAG



BILL OF REINFORCEMENT EASTBOUND BENT 2					
MARK	SIZE	NO	LENGTH	LOCATION	BENDING
A	10	20	48'-7"	CAP	STRAIGHT
A1	6	32	11'-4"	FOOTING	SEE DIAG
A2	6	44	8'-10"	FOOTING	SEE DIAG
B1	10	16	42'-1"	CAP	STRAIGHT
B2	10	16	52'-7"	CAP	STRAIGHT
C	6	105	6'-9"	CAP	SEE DIAG
F	5	20	47'-0"	CAP	STRAIGHT
FE1	5	12	7'-8 1/2"	CAP	SEE DIAG
FE2	5	16	6'-6 1/2"	CAP	SEE DIAG
HS	5	60	13'-0"	COLUMN	SEE DIAG
J	11	64	12'-1"	FOOTING	SEE DIAG
M	11	64	16'-10"	COLUMN	STRAIGHT
P	7	80	9'-2"	FOOTING	SEE DIAG
R	11	60	13'-2"	FOOTING	SEE DIAG
S1	6	210	14'-2"	CAP	SEE DIAG
T	4	64	19'-2"	FOOTING	SEE DIAG



ALABAMA
DEPARTMENT OF
TRANSPORTATION

A	JQA	02/21/2025	60% INTERIM SUBMITTAL
B	JQA	06/16/2025	90% FINAL SUBMITTAL
REV. NO.	BY	DATE	DESCRIPTION OF REVISION

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PLAN SUBMITTAL
90%

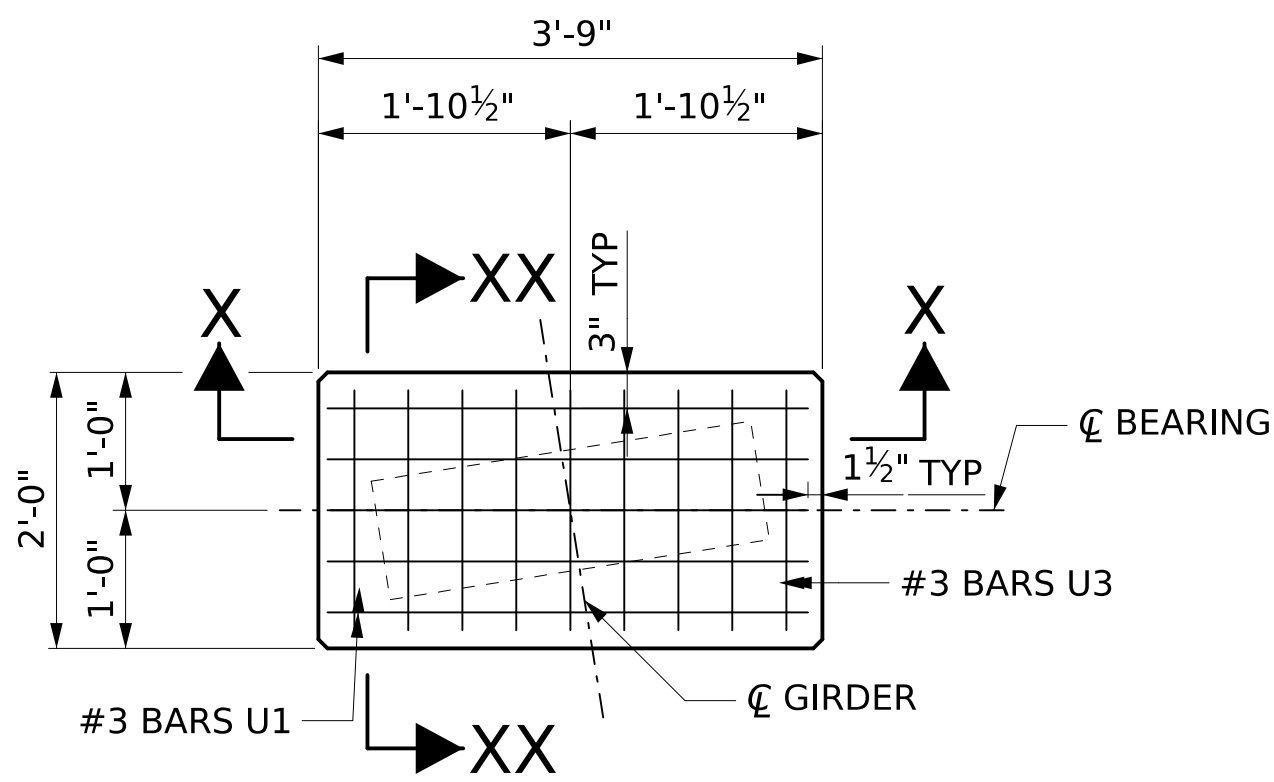
BIN(S)
021820 (WB) 021821 (EB)
COUNTY(S)
MOBILE

DESIGNER: JQA	DATE:
BRIDGE SHEET NO. 42	OF 57

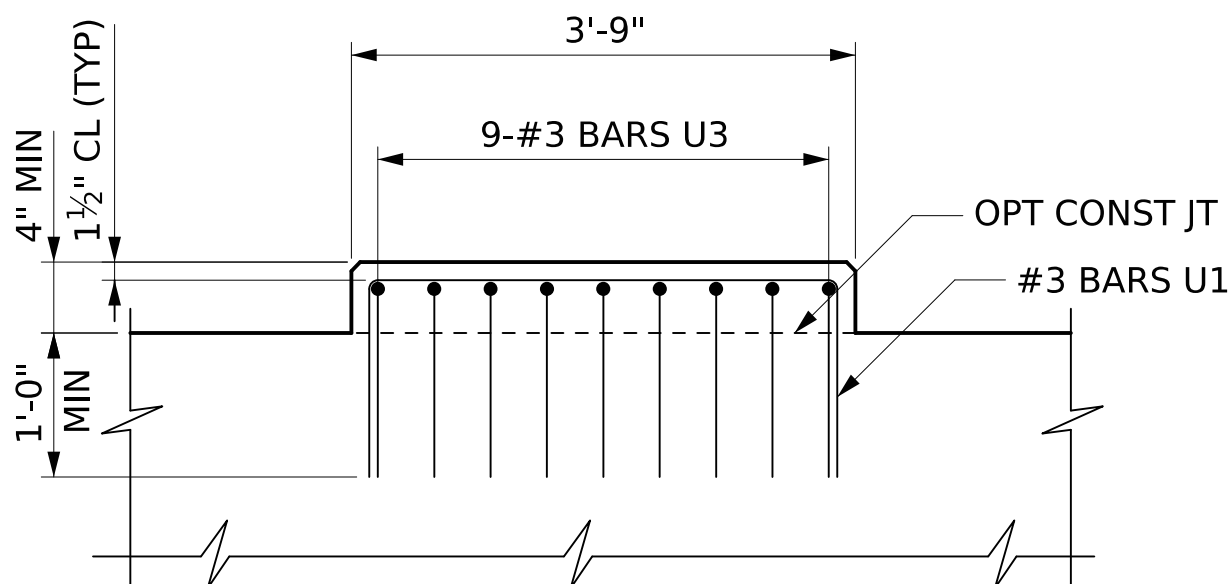
SHEET TITLE
MOBILE RIVER BRIDGE
I-10 WB & EB OVER SOUTH CAR ST BENT REINFORCEMENT TABLES

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
INFRA-I010(353)	2025	S01-BR-03043

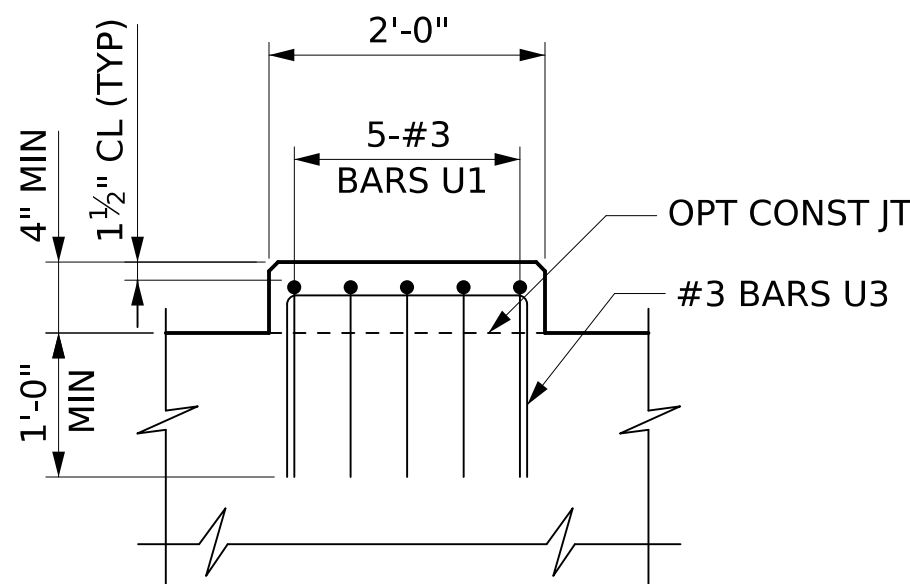
PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION



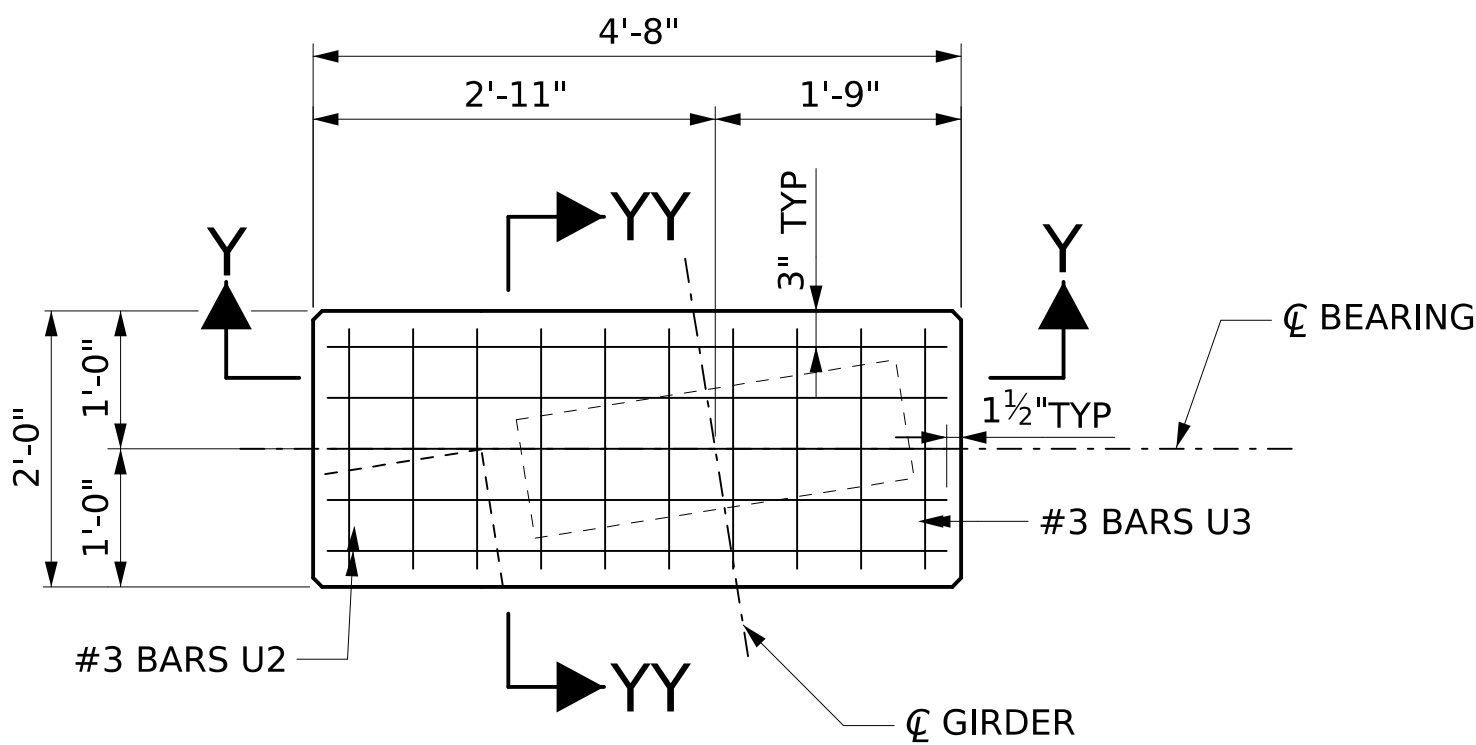
***PD-1**
SCALE: 3/4" = 1'-0"



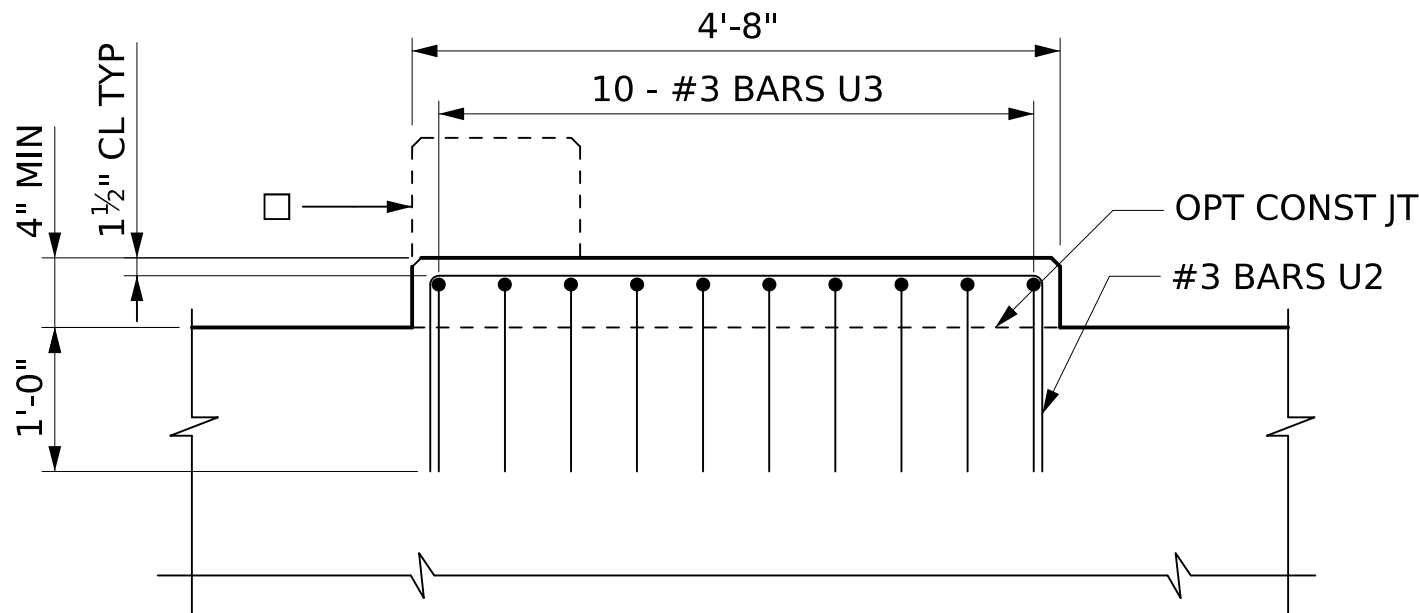
SECTION X-X
SCALE: 3/4" = 1'-0"



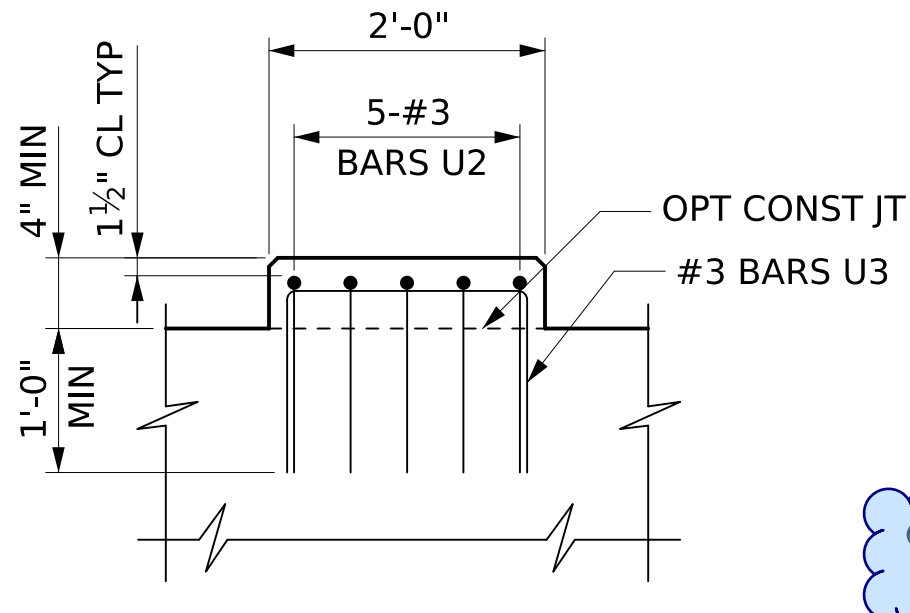
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SCALE: 3/4" = 1'-0"



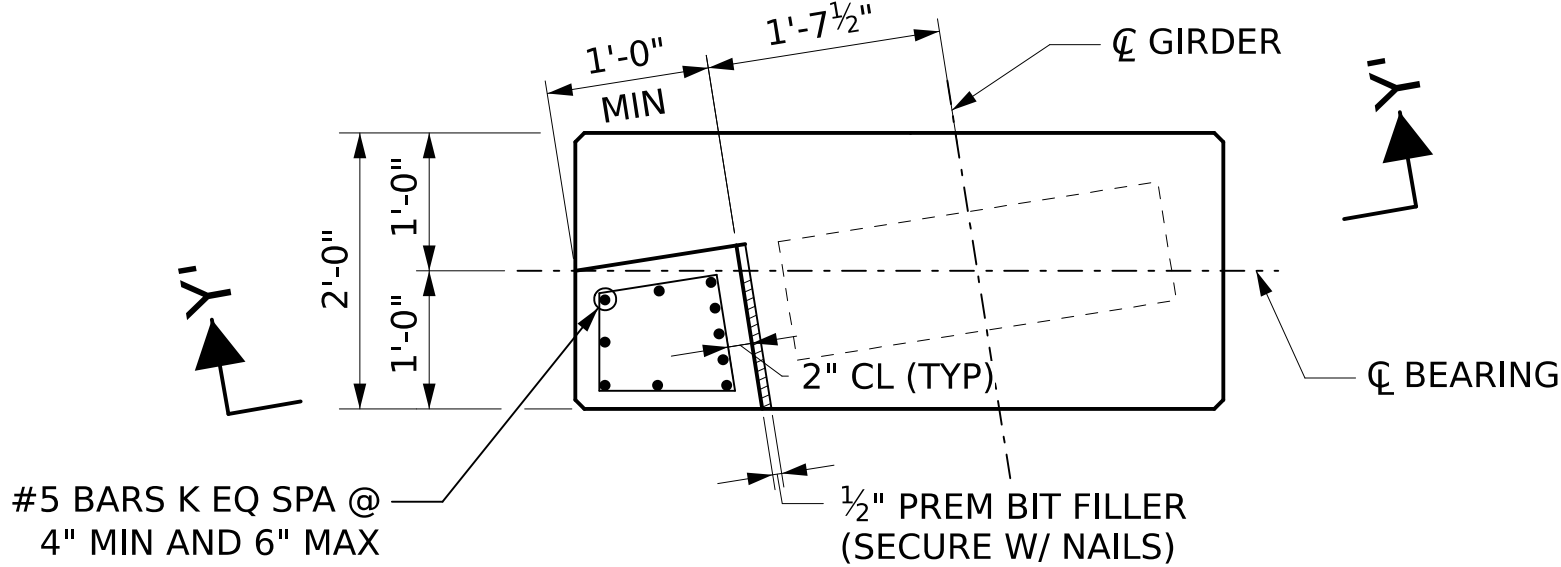
***PD-2**
SCALE: 3/4" = 1'-0"



SECTION Y-Y
SCALE: 3/4" = 1'-0"



SECTION YY-YY
SCALE: 3/4" = 1'-0"

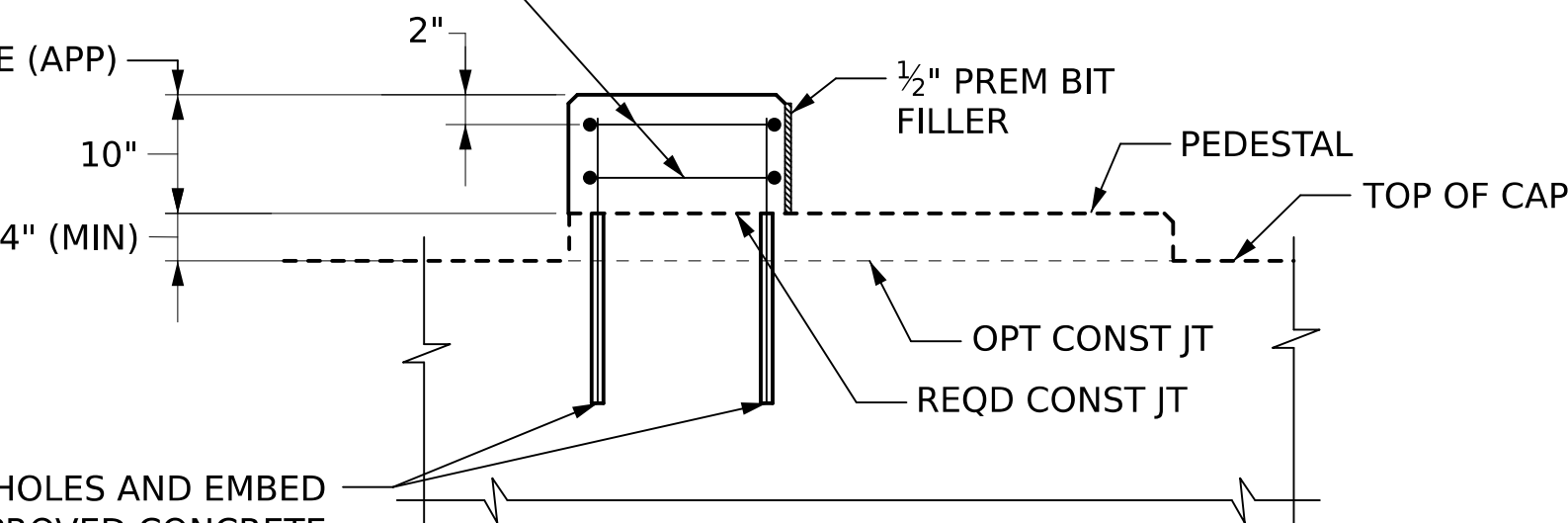


***PLAN PD-2 SKID BLOCK DETAILS**
SCALE: 3/4" = 1'-0"

W4.5 STEEL WIRE AS PER ASTM A82 (AASHTO M32).
WRAP IN FIELD OVERLAPPING ENDS 6" MIN

DRILL 10 - 5/8" DIA 1'-0" DEEP HOLES AND EMBED
#5 BARS K WITH AN APPROVED CONCRETE
ANCHORING SYSTEM. RELOCATE DRILL HOLES
IF REINFORCING ENCOUNTERED.

??



SECTION Y'-Y'
SCALE: 3/4" = 1'-0"

PEDESTALS AND SKID BLOCK DETAILS ARE BASED ON
THE APPROXIMATELY 6 DEGREE SKEW OF THE EXTERIOR
GIRDER 1W. OTHER SKID BLOCK DIMENSIONS MAY VARY
SLIGHTLY WITH THE SKEW BUT PEDESTAL DIMENSIONS
ARE CONSTANT.

NOTES:

- 1. SKID BLOCKS SHALL BE POURED SEPARATELY FROM THE PEDESTAL. BARS K SHOULD BE DRILLED IN AND A TYPE 2 EPOXY ADHESIVE SHALL BE APPLIED TO THE CONSTRUCTION JOINT LOCATION JUST PRIOR TO POURING THE SKID BLOCKS.
- 2. IN LIEU OF DRILLING, A CORRUGATED PIPE SLEEVE MAY BE USED TO LOCATE #5 BARS K USING AN APPROVED GROUT.
- 3. WHEN TYPE 4 BEARINGS ARE USED, #5 BARS K TO BE PLACED AND THE SKIDBLOCK POURED AFTER WELDING AND GALVANIZATION REPAIR OF THE BEARING AND GIRDER SOLE PLATE HAVE BEEN COMPLETED.



ALABAMA
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A	JQA	02/21/2025	60% INTERIM SUBMITTAL
B	JQA	06/16/2025	90% FINAL SUBMITTAL
REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP

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PLAN SUBMITTAL
90%

BIN(S)
021820 (WB) 021821 (EB)
COUNTY(S)
MOBILE

DESIGNER: JQA	DATE:
BRIDGE SHEET NO. 43	OF 57

SHEET TITLE
MOBILE RIVER BRIDGE
I-10 WB & EB OVER SOUTH CAR ST PEDESTAL AND SKID BLOCK DETAILS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
INFRA-I010(353)	2025	S01-BR-03044

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

KEY TO SYMBOLS.MRB - GINT STD US LAB GDT - 3/24/25 10:08 - C:\USERS\DENISE VANCE\DESKTOP\MRB 2023\FIELD LOGS\GINT DATABASE\KIEWIT.MRB 2024 1 23 2025.GPJ

 Kiewit		KEY TO SYMBOLS	
CLIENT <u>Alabama Department of Transportation</u>		PROJECT NAME <u>I-10 Mobile River Bridge and Bayway</u>	
PROJECT NUMBER <u>M23-359</u>		PROJECT LOCATION <u>Mobile County, AL</u>	
LITHOLOGIC SYMBOLS <i>(Unified Soil Classification System)</i>			
	CH: USCS High Plasticity Clay		CL: USCS Low Plasticity Clay
	CL-ML: USCS Low Plasticity Silty Clay		CLS: USCS Low Plasticity Sandy Clay
	FILL: Fill (made ground)		GM: USCS Silty Gravel
	GP: USCS Poorly-graded Gravel		GW: USCS Well-graded Gravel
	GW-GM: USCS Well-graded Gravel with Silt		MH: USCS Elastic Silt
	ML: USCS Silt		NO CORE
	OH: USCS High Plasticity Organic silt or clay		SC: USCS Clayey Sand
	SC-SM: USCS Clayey Sand		SM: USCS Silty Sand
	SP: USCS Poorly-graded Sand		SP-SC: USCS Poorly-graded Sand with Clay
	SP-SM: USCS Poorly-graded Sand with Silt		SW: USCS Well-graded Sand
	SW-SC: USCS Well-graded Sand with Clay		SW-SM: USCS Well-graded Sand with Silt
	TOPSOIL: Topsoil		
SAMPLER SYMBOLS			
	Standard Penetration Test		Split Spoon
			Shelby Tube
ABBREVIATIONS			
LL	- LIQUID LIMIT (%)	TV	- TORVANE
PI	- PLASTIC INDEX (%)	PID	- PHOTOIONIZATION DETECTOR
W	- MOISTURE CONTENT (%)	UC	- UNCONFINED COMPRESSION
DD	- DRY DENSITY (PCF)	ppm	- PARTS PER MILLION
NP	- NON PLASTIC	↕	Water Level at Time Drilling, or as Shown
-200	- PERCENT PASSING NO. 200 SIEVE	⬇	Water Level at End of Drilling, or as Shown
PP	- POCKET PENETROMETER (TSF)	⬇	Water Level After 24 Hours, or as Shown

 ALABAMA DEPARTMENT OF TRANSPORTATION	A	JQA	06/16/2025	90% FINAL SUBMITTAL	 			PLAN SUBMITTAL	BIN(S)	DESIGNER: _____ DATE: _____	SHEET TITLE MOBILE RIVER BRIDGE I-10 WB & EB OVER SOUTH CAR ST BORING LOGS SPT LEGEND
									021820 (WB) 021821 (EB)		
									COUNTY(S)		
									MOBILE		
	REV. NO.	BY	DATE	DESCRIPTION OF REVISION					DATE		

MRB-S01-BR-03044.dgn

kirk.mcdonald

9:19:40 AM

6/26/2025

BORING NO: BR03-01  PAGE 1 OF 6	Project: I-10 Mobile River Bridge and Bayway	Elevation (ft): 34.3
	Project No: M23-359	Depth (ft): 150.0
	Site Location: Mobile County, AL	Northing: 243555.296
	Start Date and Time: 11/3/2024 08:15 AM	Easting: 1795928.062
	End Date and Time: 11/4/2024 03:30 PM	Boring Location: Virginia Street Bridge

Logged By: PB	Drill Method: Mud Rotary	Description: Bridge 4
Checked By: JB	Hammer Type: Auto	Alignment: I-10
Drilling Contractor: GET	Energy Ratio (%): 90.7	Station & Offset: 441+41.9 & 8.0 R
Driller: E. Simpson	Borehole Diameter (in): 4	Drilling Water Loss(-)/Gain(+): Not Observed
Drill Equipment: B-37	Casing Diameter (in) & Casing Length (ft): No Casing	Water Elev. (ft): Not Recorded

DEPTH (ft)	ELEVATION (ft)	LITHOLOGY	MATERIAL DESCRIPTION	SAMPLE TYPE	SAMPLE DEPTH	SAMPLE NUMBER	BLOW COUNTS (N VALUE)	PPQ (tsf) (POCKET PEN.)	RECOVERY (%)	MOISTURE CONTENT (%)	PLASTICITY INDEX	FINES (%) PASSING #200
5	30		VAC/BACKFILL									
10	25		SILTY SAND (SM, A-2-4(0)), fine to medium sand, red and brown, moist, medium dense	X	8.5	S-1	0-0-1 (1)		17	30		
15	20			X	13.5	S-2	6-10-10 (20)		100	16	NP	22.0
20	15			X	18.5	S-3	6-9-12 (21)		100	16		
25	10		CLAYEY SAND (SC, A-4(0)), fine sand, trace organics, brown and gray, moist, very loose to medium dense	X	23.5	S-4	5-5-5 (10)		61	15	9	35.5

(Continued Next Page)

BORING NO: BR03-01  PAGE 2 OF 6	Project: I-10 Mobile River Bridge and Bayway	Elevation (ft): 34.3
	Project No: M23-359	Depth (ft): 150
	Site Location: Mobile County, AL	Northing: 243555.296
	Start Date and Time: 11/3/2024 08:15 AM	Easting: 1795928.062
	End Date and Time: 11/4/2024 03:30 PM	Boring Location: Virginia Street Bridge

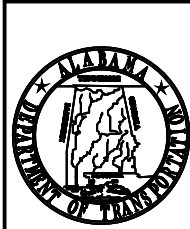
DEPTH (ft)	ELEVATION (ft)	LITHOLOGY	MATERIAL DESCRIPTION	SAMPLE TYPE	SAMPLE DEPTH	SAMPLE NUMBER	BLOW COUNTS (N VALUE)	PPQ (tsf) (POCKET PEN.)	RECOVERY (%)	MOISTURE CONTENT (%)	PLASTICITY INDEX	FINES (%) PASSING #200
5	30		CLAYEY SAND (SC, A-4(0)), fine sand, trace organics, brown and gray, moist, very loose to medium dense (continued)	X	28.5	S-5	2-2-2 (4)		89	22		
35	0			X	33.5	S-6	2-4-5 (9)		89	28		40.8
40	-5		SANDY LEAN CLAY (CL, A-6(9)), fine sand, red and light gray, moist, medium stiff	X	38.5	S-7	1-2-3 (5)		78	32	17	67.2
45	-10		POORLY GRADED SAND with SILT (SP-SM), fine to medium sand, light brown and white, moist, medium dense to dense	X	43.5	S-8	10-15-20 (35)		22			6.0
50	-15			X	48.5	S-9	10-12-13 (25)		89	24		
55	-20			X	53.5	S-10	10-17-16 (33)		89	26		5.5

(Continued Next Page)

BORING NO: BR03-01  PAGE 3 OF 6	Project: I-10 Mobile River Bridge and Bayway	Elevation (ft): 34.3
	Project No: M23-359	Depth (ft): 150
	Site Location: Mobile County, AL	Northing: 243555.296
	Start Date and Time: 11/3/2024 08:15 AM	Easting: 1795928.062
	End Date and Time: 11/4/2024 03:30 PM	Boring Location: Virginia Street Bridge

DEPTH (ft)	ELEVATION (ft)	LITHOLOGY	MATERIAL DESCRIPTION	SAMPLE TYPE	SAMPLE DEPTH	SAMPLE NUMBER	BLOW COUNTS (N VALUE)	PPQ (tsf) (POCKET PEN.)	RECOVERY (%)	MOISTURE CONTENT (%)	PLASTICITY INDEX	FINES (%) PASSING #200
5	30		POORLY GRADED SAND with SILT (SP-SM), fine to medium sand, light brown and white, moist, medium dense to dense (continued)	X	58.5	S-11	7-14-16 (30)		50	21		
65	-30			X	63.5	S-12	8-14-15 (29)		67	20		7.9
70	-35			X	68.5	S-13	8-14-16 (30)		44	22		7.7
75	-40			X	73.5	S-14	9-15-20 (35)		50	24		7.1
80	-45			X	78.5	S-15	10-16-21 (37)		67	22		
85	-50		Includes trace gravel	X	83.5	S-16	10-17-22 (39)		67	22		6.0

(Continued Next Page)



ALABAMA
DEPARTMENT OF
TRANSPORTATION

A	JQA	06/16/2025	90% FINAL SUBMITTAL
REV. NO.	BY	DATE	DESCRIPTION OF REVISION

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PLAN SUBMITTAL

90%

BIN(S)

021820 (WB)
021821 (EB)

COUNTY(S)

MOBILE

DESIGNER: _____ DATE: _____

BRIDGE SHEET NO. 45 OF 57

SHEET TITLE

MOBILE RIVER BRIDGE
I-10 WB & EB OVER SOUTH CAR ST
TEST BORING RECORD SHEET

BORING NO: BR03-01  PAGE 4 OF 6	Project: I-10 Mobile River Bridge and Bayway	Elevation (ft): 34.3
	Project No: M23-359	Depth (ft): 150
	Site Location: Mobile County, AL	Northing: 243555.296
	Start Date and Time: 11/3/2024 08:15 AM	Easting: 1795928.062
	End Date and Time: 11/4/2024 03:30 PM	Boring Location: Virginia Street Bridge

DEPTH (ft)	ELEVATION (ft)	LITHOLOGY	MATERIAL DESCRIPTION	SAMPLE TYPE	SAMPLE DEPTH	SAMPLE NUMBER	BLOW COUNTS (N VALUE)	PPQ (tsf) (POCKET PEN.)	RECOVERY (%)	MOISTURE CONTENT (%)	PLASTICITY INDEX	FINES (%) PASSING #200
			POORLY GRADED SAND with SILT (SP-SM), fine to medium sand, brown, moist, medium dense to dense									
	-55				88.5	S-17	10-12-16 (28)		72	18		5.8
	-60				93.5	S-18	13-17-12 (29)		67	23		
	-65				98.5	S-19	6-10-11 (21)		67	18		8.5
	-70											
	-75				108.5	S-20	10-16-20 (36)		50	24		7.1
	-80											
	-85											
	-90											
	-95											
	-100											
	-105											
	-110											
	-115											

(Continued Next Page)

BORING NO: BR03-01  PAGE 5 OF 6	Project: I-10 Mobile River Bridge and Bayway	Elevation (ft): 34.3
	Project No: M23-359	Depth (ft): 150
	Site Location: Mobile County, AL	Northing: 243555.296
	Start Date and Time: 11/3/2024 08:15 AM	Easting: 1795928.062
	End Date and Time: 11/4/2024 03:30 PM	Boring Location: Virginia Street Bridge

DEPTH (ft)	ELEVATION (ft)	LITHOLOGY	MATERIAL DESCRIPTION	SAMPLE TYPE	SAMPLE DEPTH	SAMPLE NUMBER	BLOW COUNTS (N VALUE)	PPQ (tsf) (POCKET PEN.)	RECOVERY (%)	MOISTURE CONTENT (%)	PLASTICITY INDEX	FINES (%) PASSING #200
			SILTY SAND (SM), fine to coarse sand, trace gravel, brown, moist, dense (continued)									
	-85				118.5	S-21	10-18-18 (36)		61	21		
	-90											
	-95				128.5	S-22	5-8-10 (18)	1.25	100	68	40	96.3
	-100		FAT CLAY (CH, A-7-5(46)), with organics, gray, moist, very stiff									
	-105				138.5	S-23	14-23-26 (49)		78	25		18.3
	-110											
	-115											
	-120											
	-125											
	-130											
	-135											
	-140											
	-145											

(Continued Next Page)

BORING NO: BR03-01  PAGE 6 OF 6	Project: I-10 Mobile River Bridge and Bayway	Elevation (ft): 34.3
	Project No: M23-359	Depth (ft): 150
	Site Location: Mobile County, AL	Northing: 243555.296
	Start Date and Time: 11/3/2024 08:15 AM	Easting: 1795928.062
	End Date and Time: 11/4/2024 03:30 PM	Boring Location: Virginia Street Bridge

DEPTH (ft)	ELEVATION (ft)	LITHOLOGY	MATERIAL DESCRIPTION	SAMPLE TYPE	SAMPLE DEPTH	SAMPLE NUMBER	BLOW COUNTS (N VALUE)	PPQ (tsf) (POCKET PEN.)	RECOVERY (%)	MOISTURE CONTENT (%)	PLASTICITY INDEX	FINES (%) PASSING #200
			SILTY SAND (SM), fine to medium sand, light gray to gray, moist, dense to very dense (continued)									
	-115				148.5	S-24	15-30-42 (72)		100	26		17.2
	-120											
	-125											
	-130											
	-135											
	-140											
	-145											
	-150		Borehole Terminated at 150.0 feet.									



A	JQA	06/16/2025	90% FINAL SUBMITTAL
REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP
DATE

PE STAMP
DATE

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PLAN SUBMITTAL
90%

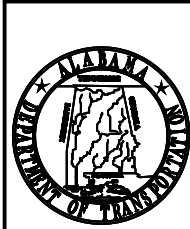
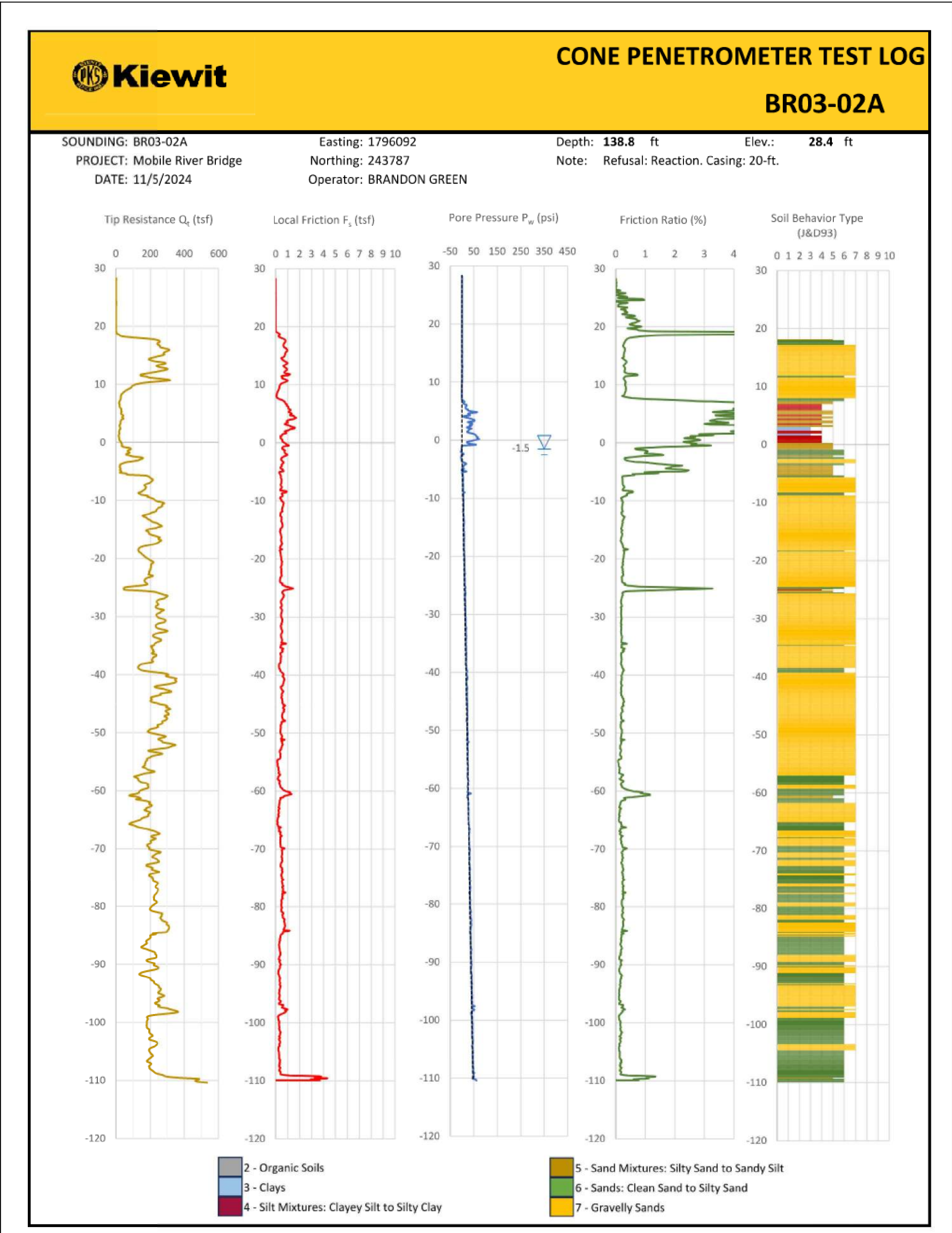
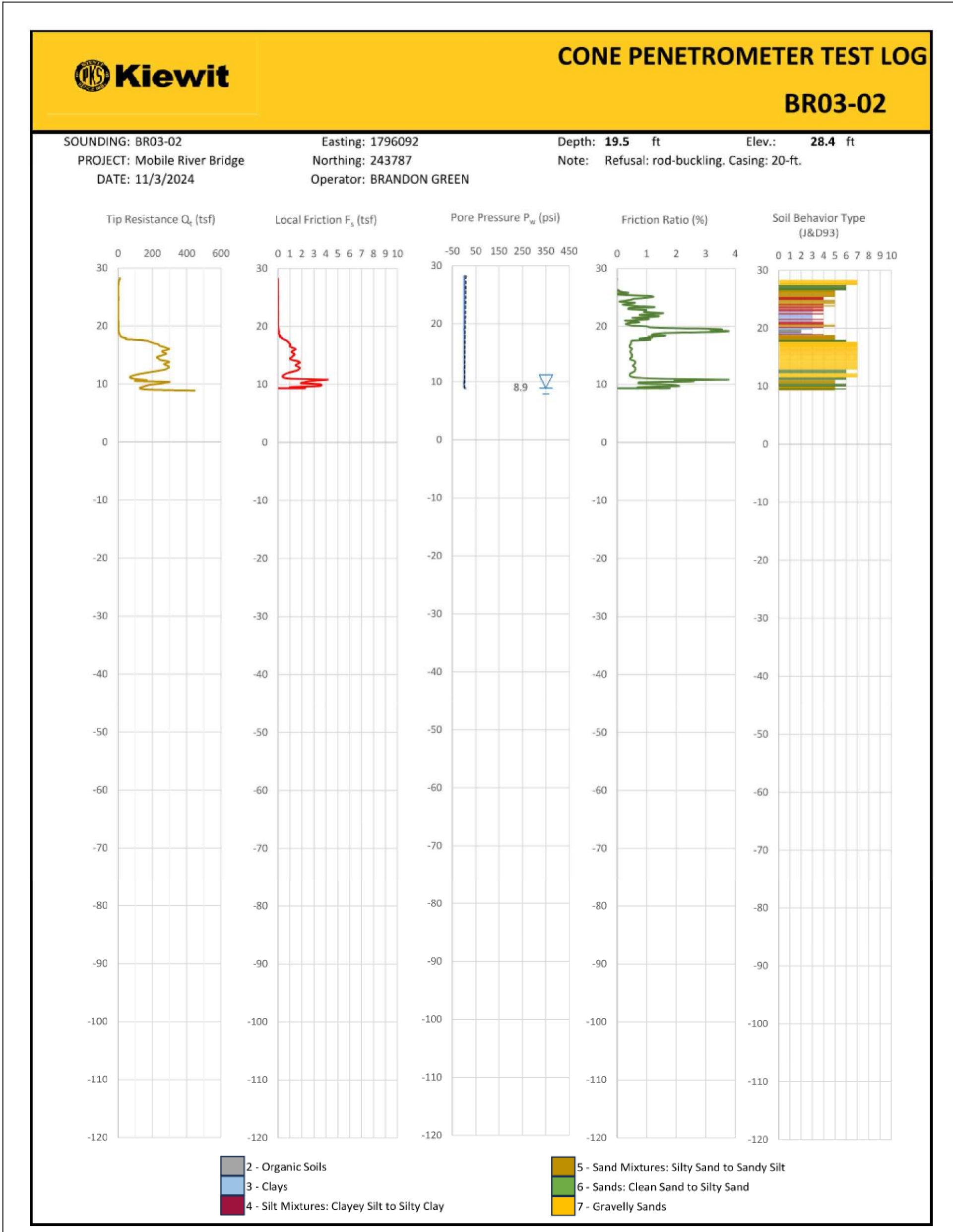
BIN(S)
021820 (WB) 021821 (EB)
COUNTY(S)
MOBILE

DESIGNER: _____ DATE: _____
BRIDGE SHEET NO. 46 OF 57

SHEET TITLE
MOBILE RIVER BRIDGE
I-10 WB & EB OVER SOUTH CAR ST
TEST BORING RECORD SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
INFRA-I010(353)	2025	S01-BR-03047

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION



ALABAMA
DEPARTMENT OF
TRANSPORTATION

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
A	JQA	06/16/2025	90% FINAL SUBMITTAL

PE STAMP
DATE

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DATE

QR
CODE



PLAN SUBMITTAL
90%

BIN(S)
021820 (WB) 021821 (EB)
COUNTY(S)
MOBILE

DESIGNER: _____	DATE: _____
BRIDGE SHEET NO. 47	OF 57

SHEET TITLE
MOBILE RIVER BRIDGE I-10 WB & EB OVER SOUTH CAR ST CPT RECORD SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
INFRA-I010(353)	2025	S01-BR-03048

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

KEY TO SYMBOLS																																	
thompson ENGINEERING, INC. Thompson Engineering, Inc.																																	
PROJECT NAME <u>I-10 Mobile River Bridge and Bayway</u> CLIENT <u>ALDOT</u>																																	
ALDOT PROJECT NO: <u>DPL-0030(005)</u> TE PROJECT NO: <u>15-1101-0228</u> PROJECT LOCATION <u>Baldwin, Baldwin</u>																																	
LITHOLOGIC SYMBOLS <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40px; text-align: center;"></td> <td>ASPHALT: Asphalt</td> </tr> <tr> <td style="text-align: center;"></td> <td>AUGER</td> </tr> <tr> <td style="text-align: center;"></td> <td>CH: USCS High Plasticity Clay</td> </tr> <tr> <td style="text-align: center;"></td> <td>CL: USCS Low Plasticity Clay</td> </tr> <tr> <td style="text-align: center;"></td> <td>CL-ML: USCS Low Plasticity Silty Clay</td> </tr> <tr> <td style="text-align: center;"></td> <td>CONCRETE: Concrete</td> </tr> <tr> <td style="text-align: center;"></td> <td>GM: USCS Silty Gravel</td> </tr> <tr> <td style="text-align: center;"></td> <td>GP: USCS Poorly-graded Gravel</td> </tr> <tr> <td style="text-align: center;"></td> <td>GP-GM: USCS Poorly-graded Gravel with Silt</td> </tr> <tr> <td style="text-align: center;"></td> <td>GW: USCS Well-graded Gravel</td> </tr> <tr> <td style="text-align: center;"></td> <td>MH: USCS Elastic Silt</td> </tr> <tr> <td style="text-align: center;"></td> <td>ML: USCS Silt</td> </tr> <tr> <td style="text-align: center;"></td> <td>SC: USCS Clayey Sand</td> </tr> <tr> <td style="text-align: center;"></td> <td>SC-SM: USCS Clayey Sand</td> </tr> <tr> <td style="text-align: center;"></td> <td>SM: USCS Silty Sand</td> </tr> <tr> <td style="text-align: center;"></td> <td>SP: USCS Poorly-graded Sand</td> </tr> </table>		ASPHALT: Asphalt		AUGER		CH: USCS High Plasticity Clay		CL: USCS Low Plasticity Clay		CL-ML: USCS Low Plasticity Silty Clay		CONCRETE: Concrete		GM: USCS Silty Gravel		GP: USCS Poorly-graded Gravel		GP-GM: USCS Poorly-graded Gravel with Silt		GW: USCS Well-graded Gravel		MH: USCS Elastic Silt		ML: USCS Silt		SC: USCS Clayey Sand		SC-SM: USCS Clayey Sand		SM: USCS Silty Sand		SP: USCS Poorly-graded Sand	SAMPLER TYPE SS - Split Spoon T - Shelby Tube DCP - Dynamic Cone Penetrometer AC - Auger Cuttings GB - Grab Bag NQ - Rock Core
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	SM: USCS Silty Sand																																
	SP: USCS Poorly-graded Sand																																
GROUNDWATER LEGEND Delayed Groundwater Level Groundwater Level at TOB (Time of Boring). Water levels at the time of boring may have not been obtained due to mud rotary drilling techniques. N.E. - Not Encountered N.O. - Not Obtained																																	
ABBREVIATIONS																																	
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">LL</td> <td>- LIQUID LIMIT (%)</td> <td style="width: 30%;">%#200</td> <td>- PERCENT PASSING NO. 200 SIEVE</td> </tr> <tr> <td>PL</td> <td>- PLASTIC LIMIT (%)</td> <td>PP</td> <td>- POCKET PENETROMETER (TSF)</td> </tr> <tr> <td>PI</td> <td>- PLASTIC INDEX (%)</td> <td>TV</td> <td>- TORVANE</td> </tr> <tr> <td>NMC</td> <td>- MOISTURE CONTENT (%)</td> <td>UC</td> <td>- UNCONFINED COMPRESSION</td> </tr> <tr> <td>DD</td> <td>- DRY DENSITY (PCF)</td> <td></td> <td></td> </tr> <tr> <td>NP</td> <td>- NON PLASTIC</td> <td></td> <td></td> </tr> </table>		LL	- LIQUID LIMIT (%)	%#200	- PERCENT PASSING NO. 200 SIEVE	PL	- PLASTIC LIMIT (%)	PP	- POCKET PENETROMETER (TSF)	PI	- PLASTIC INDEX (%)	TV	- TORVANE	NMC	- MOISTURE CONTENT (%)	UC	- UNCONFINED COMPRESSION	DD	- DRY DENSITY (PCF)			NP	- NON PLASTIC										
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 ALABAMA DEPARTMENT OF TRANSPORTATION	A	JQA	06/16/2025	90% FINAL SUBMITTAL	 																																																																																										
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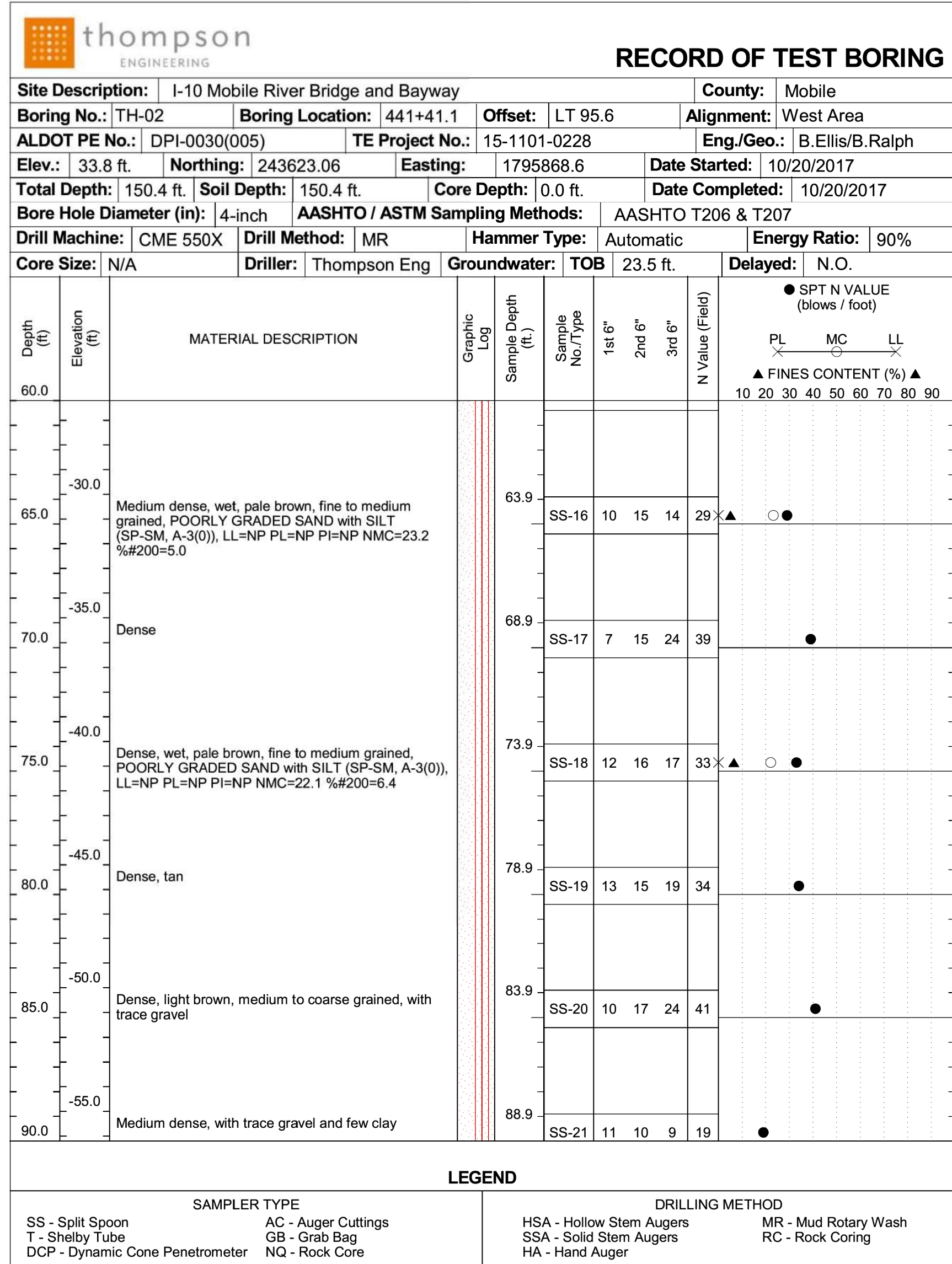
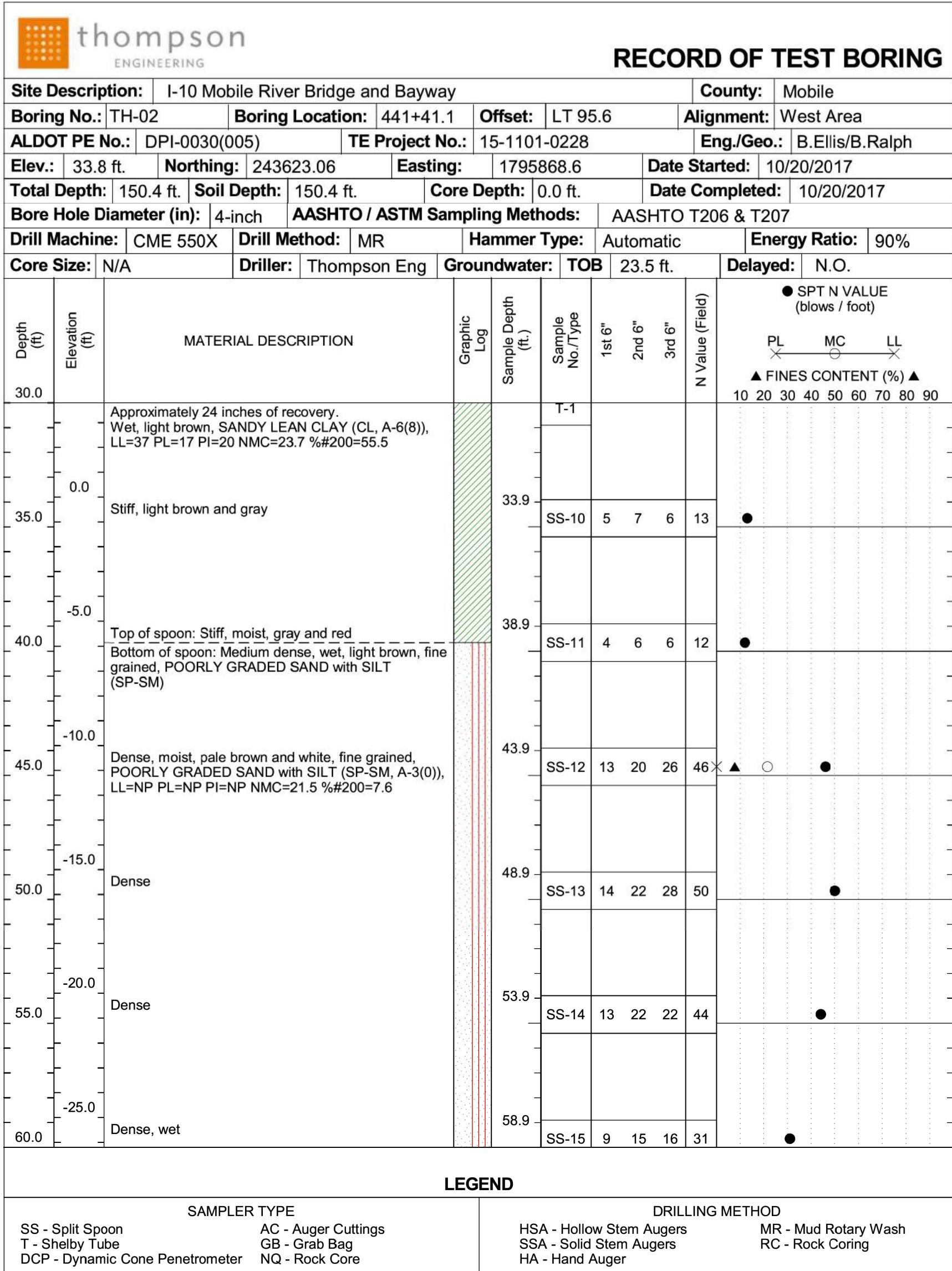
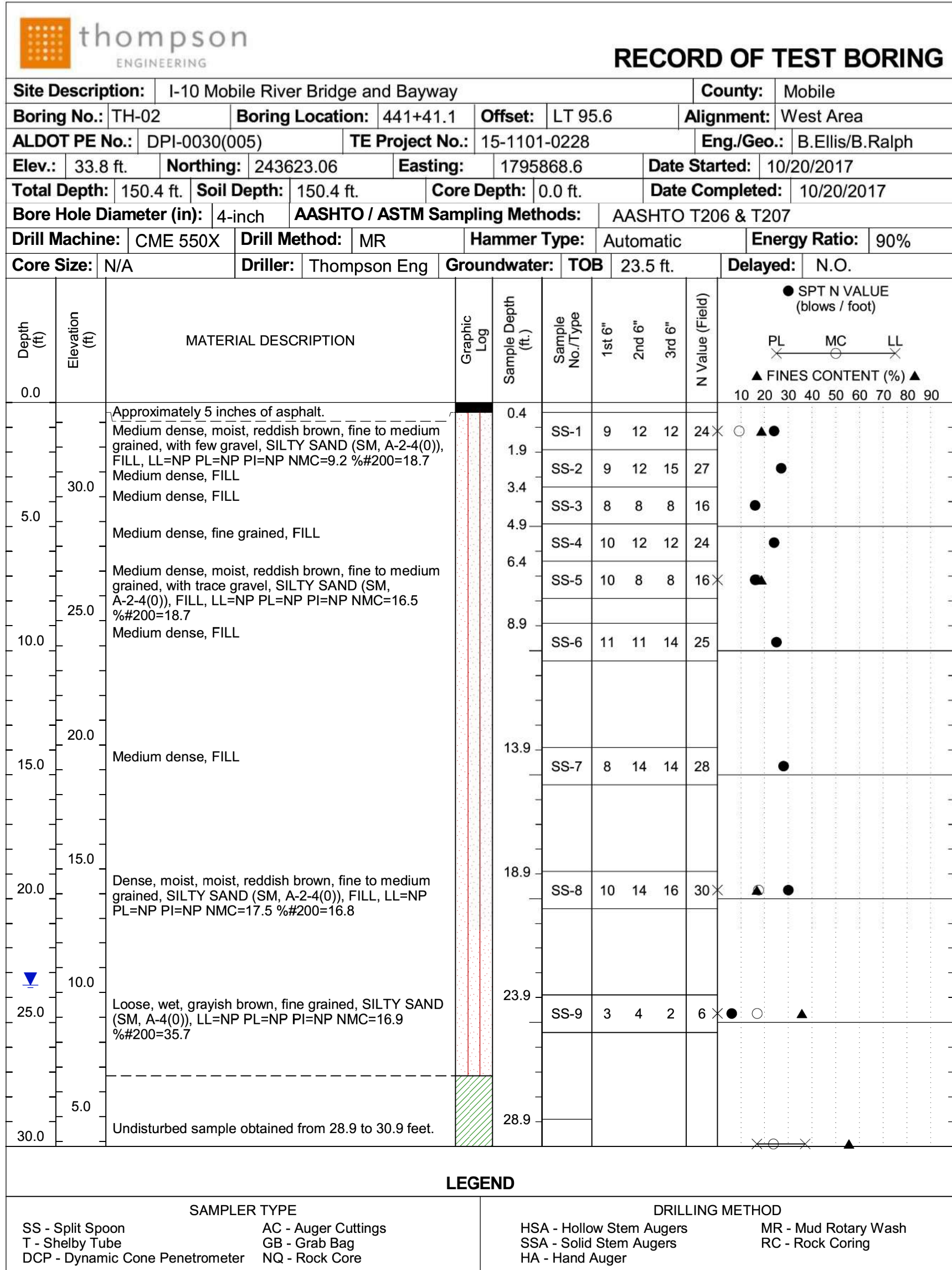
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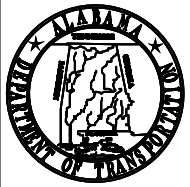
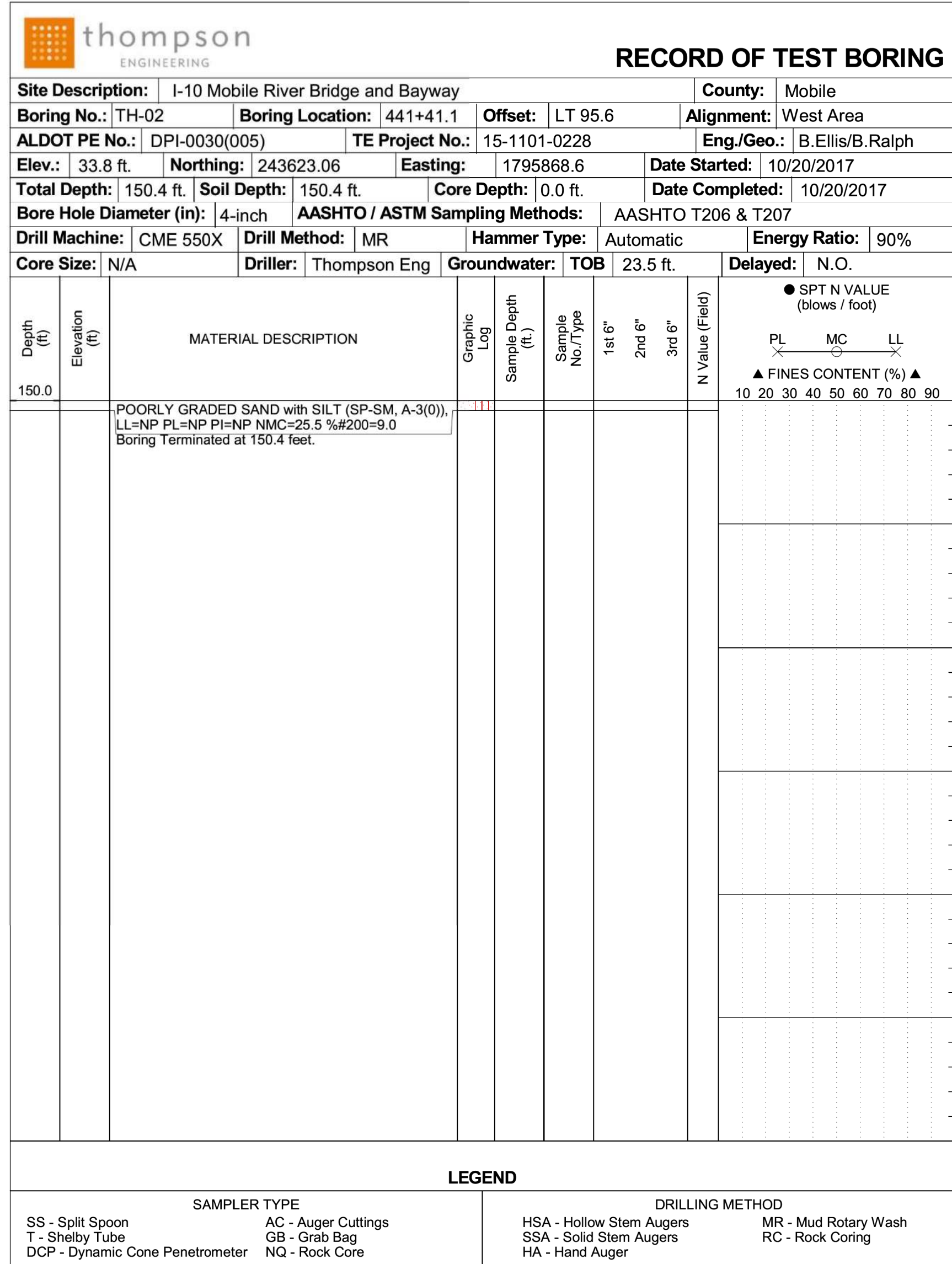
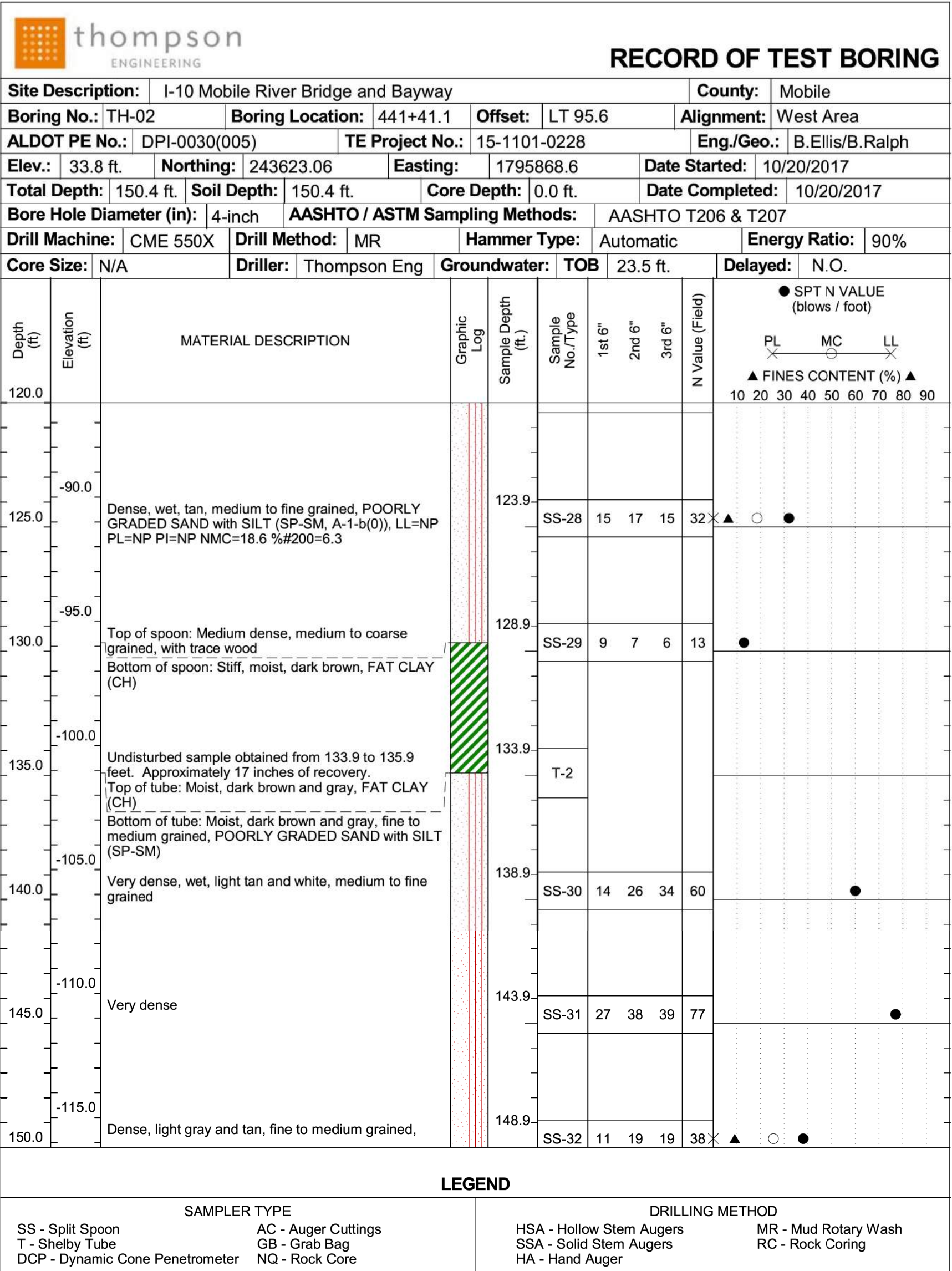
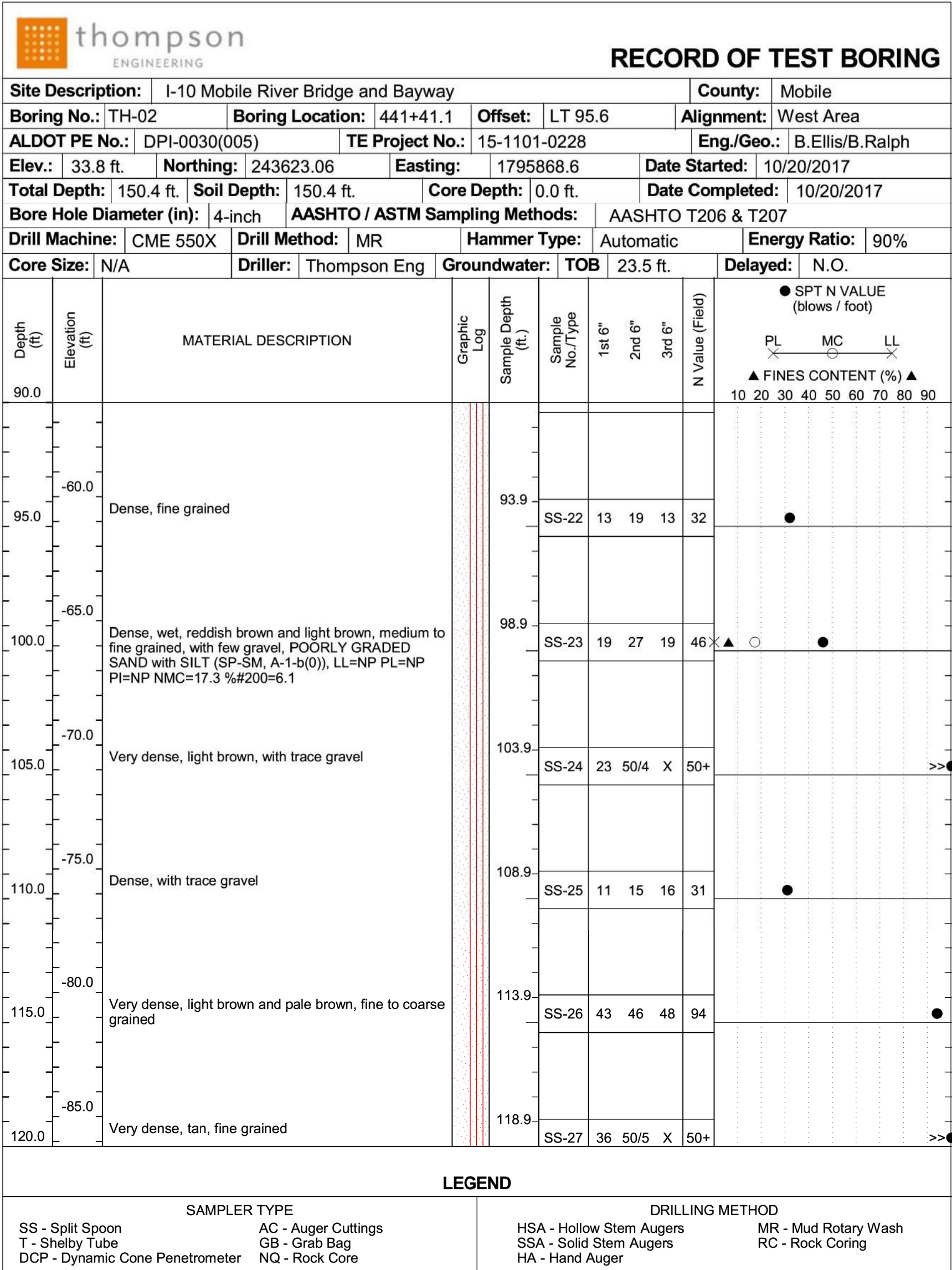
kirk.mcdonald

9:20:43 AM

6/26/2025

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
INFRA-I010(353)	2025	S01-BR-03049





ALABAMA
DEPARTMENT OF
TRANSPORTATION

A	JQA	06/16/2025	90% FINAL SUBMITTAL
REV. NO.	BY	DATE	DESCRIPTION OF REVISION

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PE STAMP

QR CODE



PLAN SUBMITTAL

90%

BIN(S)

021820 (WB)
021821 (EB)

COUNTY(S)

MOBILE

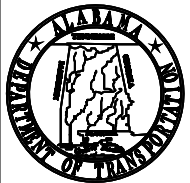
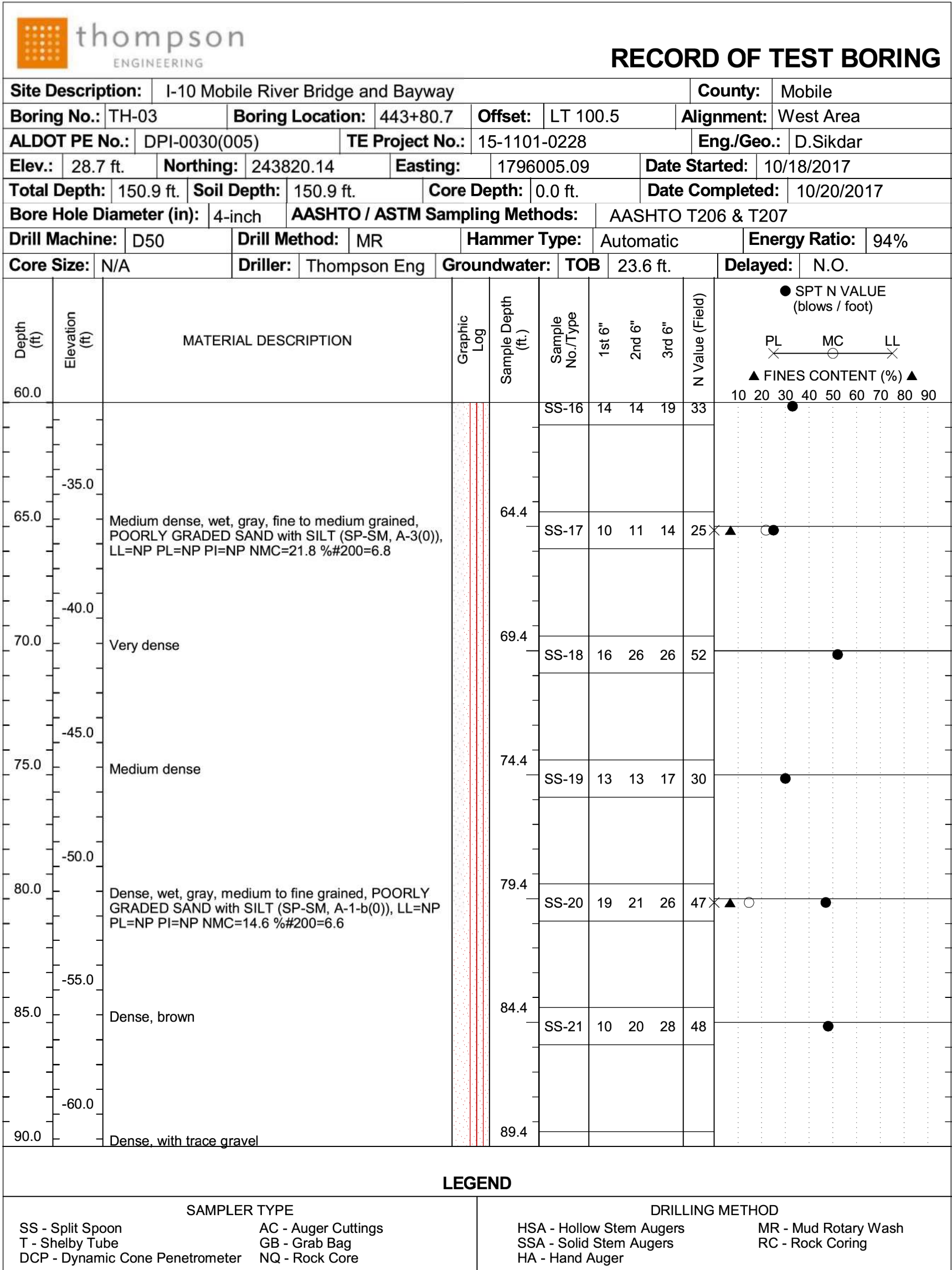
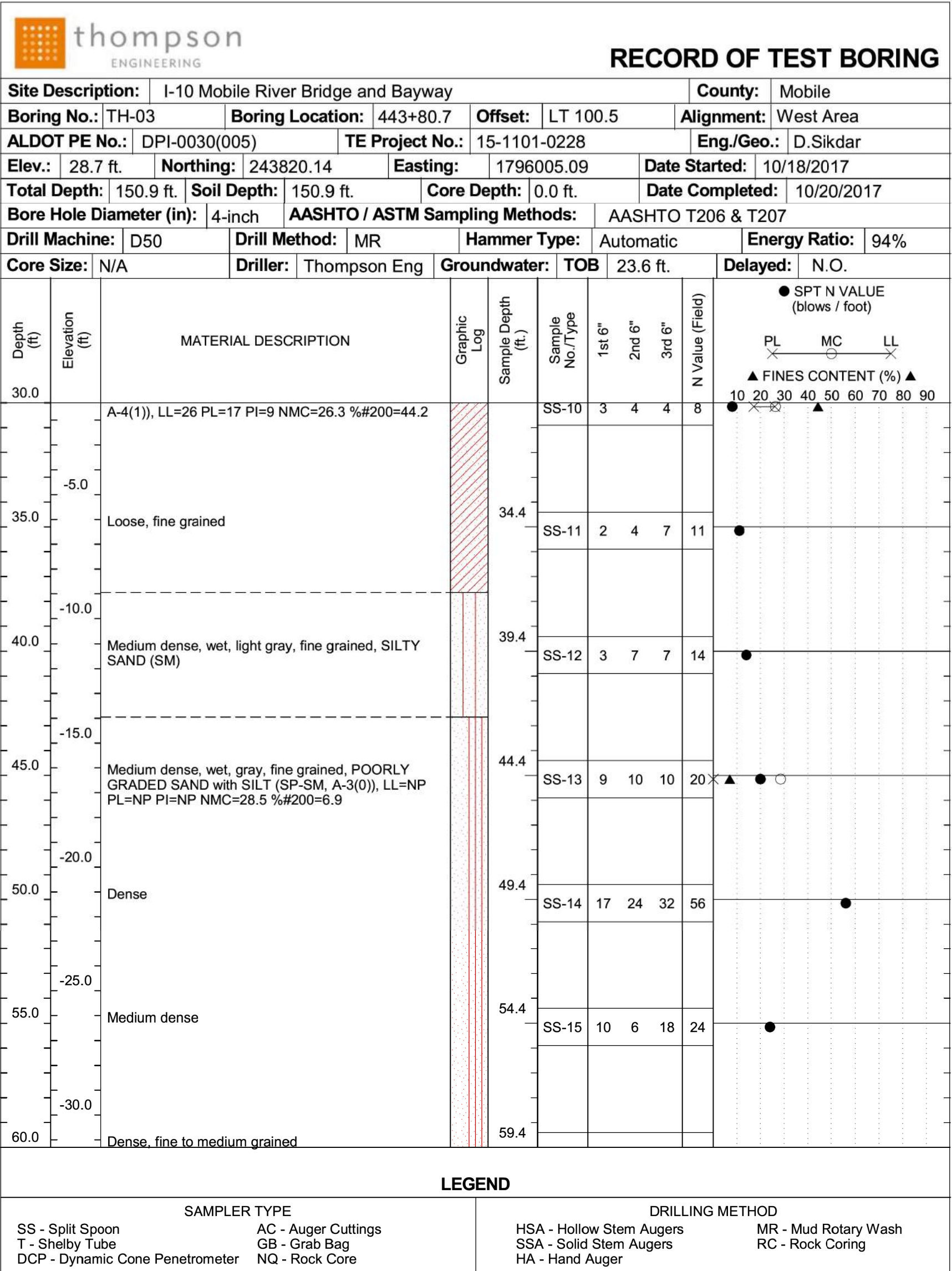
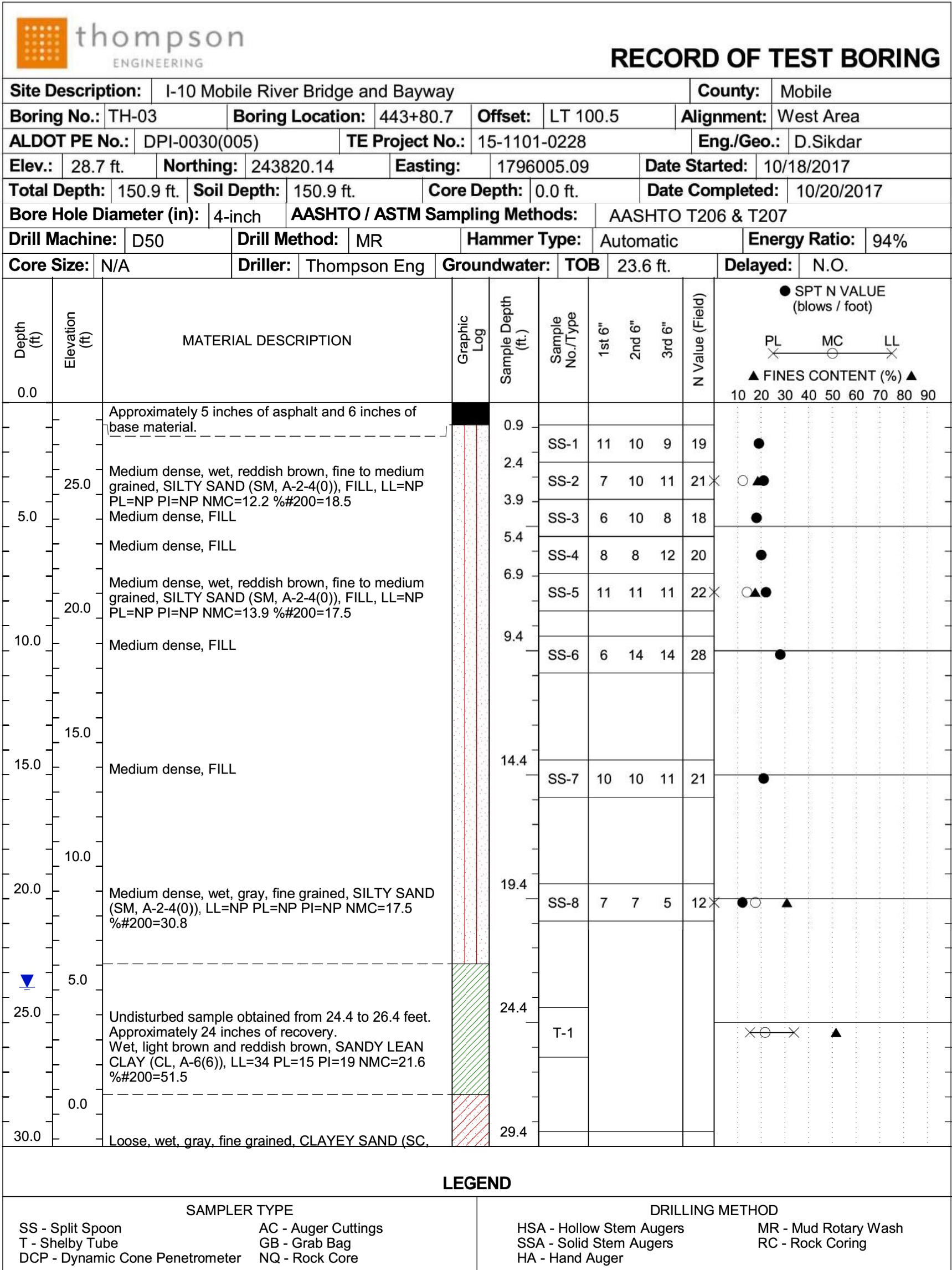
DESIGNER: DATE:

BRIDGE SHEET NO. 50 OF 57

SHEET TITLE

MOBILE RIVER BRIDGE

I-10 WB & EB OVER SOUTH CAR ST
RID TEST BORING RECORD SHEET



ALABAMA
DEPARTMENT OF
TRANSPORTATION

A	JQA	06/16/2025	90% FINAL SUBMITTAL
REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP

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PLAN SUBMITTAL

90%

BIN(S)

021820 (WB)
021821 (EB)

COUNTY(S)

MOBILE

DESIGNER: _____ DATE: _____

BRIDGE SHEET NO. 51 OF 57

SHEET TITLE

MOBILE RIVER BRIDGE

I-10 WB & EB OVER SOUTH CAR ST
RID TEST BORING RECORD SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
INFRA-I010(353)	2025	S01-BR-03052

thompson ENGINEERING				RECORD OF TEST BORING			
Site Description: I-10 Mobile River Bridge and Bayway					County: Mobile		
Boring No.: TH-03		Boring Location: 443+80.7		Offset: LT 100.5		Alignment: West Area	
ALDOT PE No.: DPI-0030(005)		TE Project No.: 15-1101-0228		Eng./Geo.: D. Sikdar			
Elev.: 28.7 ft.		Northing: 243820.14		Easting: 1796005.09		Date Started: 10/18/2017	
Total Depth: 150.9 ft.		Soil Depth: 150.9 ft.		Core Depth: 0.0 ft.		Date Completed: 10/20/2017	
Bore Hole Diameter (in): 4-inch		AASHTO / ASTM Sampling Methods: AASHTO T206 & T207					
Drill Machine: D50		Drill Method: MR		Hammer Type: Automatic		Energy Ratio: 94%	
Core Size: N/A		Driller: Thompson Eng		Groundwater: TOB 23.6 ft.		Delayed: N.O.	

Depth (ft)	Elevation (ft)	MATERIAL DESCRIPTION	Graphic Log	Sample Depth (ft.)	Sample No./Type	1st 6"	2nd 6"	3rd 6"	N Value (Field)	● SPT N VALUE (blows / foot) ▲ FINES CONTENT (%) ▲
90.0					SS-22	11	18	18	36	
	-65.0									
95.0		Medium dense, wet, brown, fine to medium grained, with few gravel, CLAYEY SAND (SC, A-6(5)), LL=39 PL=16 PI=23 NMC=26.2 % #200=40.6		94.4	SS-23	0	5	20	25	
	-70.0									
100.0		Dense, wet, gray, fine to medium grained, with trace gravel, POORLY GRADED SAND with SILT (SP-SM, A-3(0)), LL=NP PL=NP PI=NP NMC=19.1 % #200=6.2		99.4	SS-24	11	13	25	38	
	-75.0									
105.0		Dense, with trace gravel		104.4	SS-25	14	20	21	41	
	-80.0									
110.0		Dense		109.4	SS-26	14	18	18	36	
	-85.0									
115.0		Dense, with trace gravel		114.4	SS-27	8	12	20	32	
	-90.0									
120.0		Dense, wet, gray, medium to fine grained, POORLY		119.4						

LEGEND	
SAMPLER TYPE SS - Split Spoon T - Shelby Tube DCP - Dynamic Cone Penetrometer AC - Auger Cuttings GB - Grab Bag NQ - Rock Core	DRILLING METHOD HSA - Hollow Stem Augers SSA - Solid Stem Augers HA - Hand Auger MR - Mud Rotary Wash RC - Rock Coring

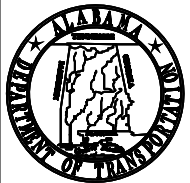
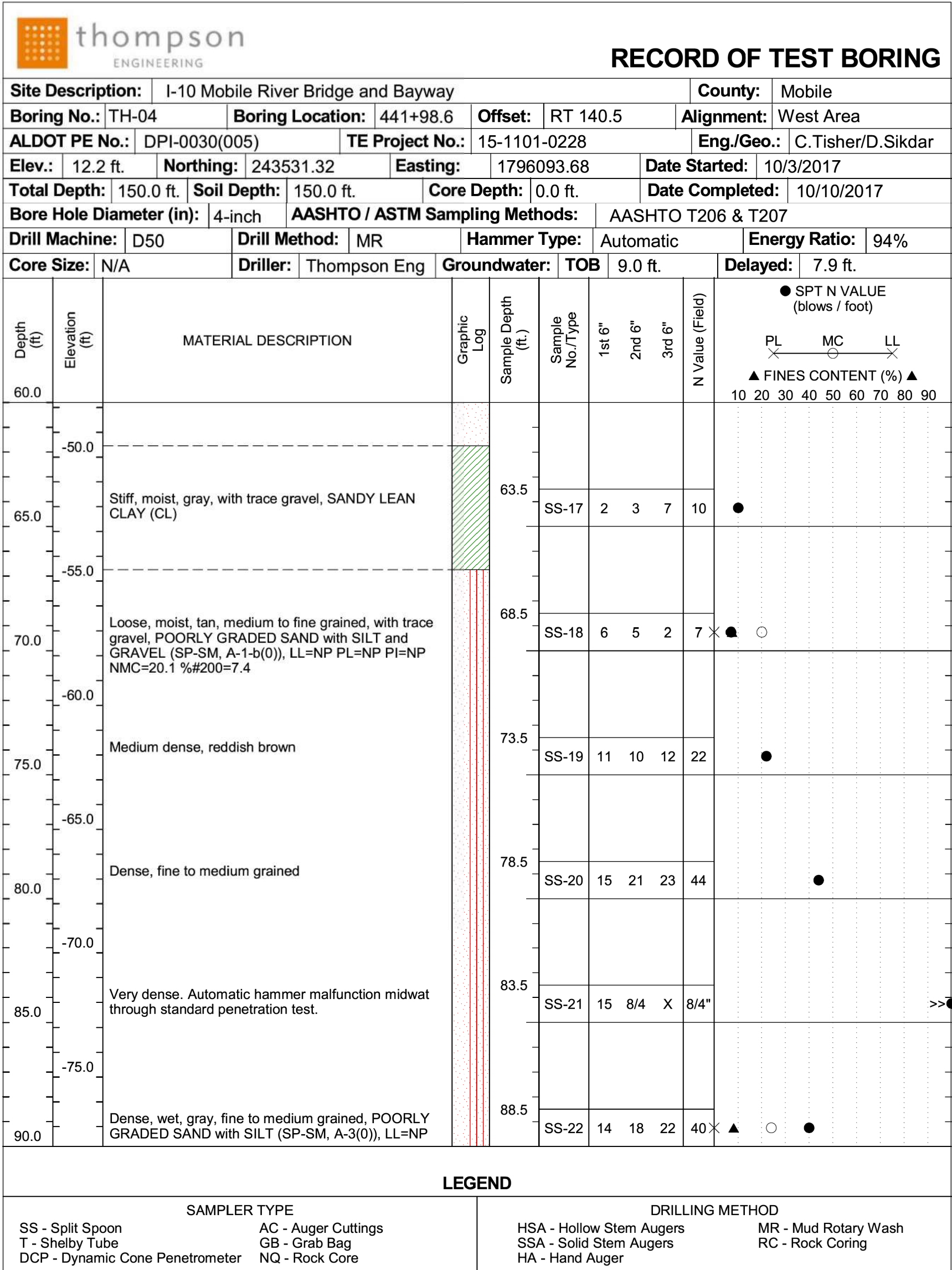
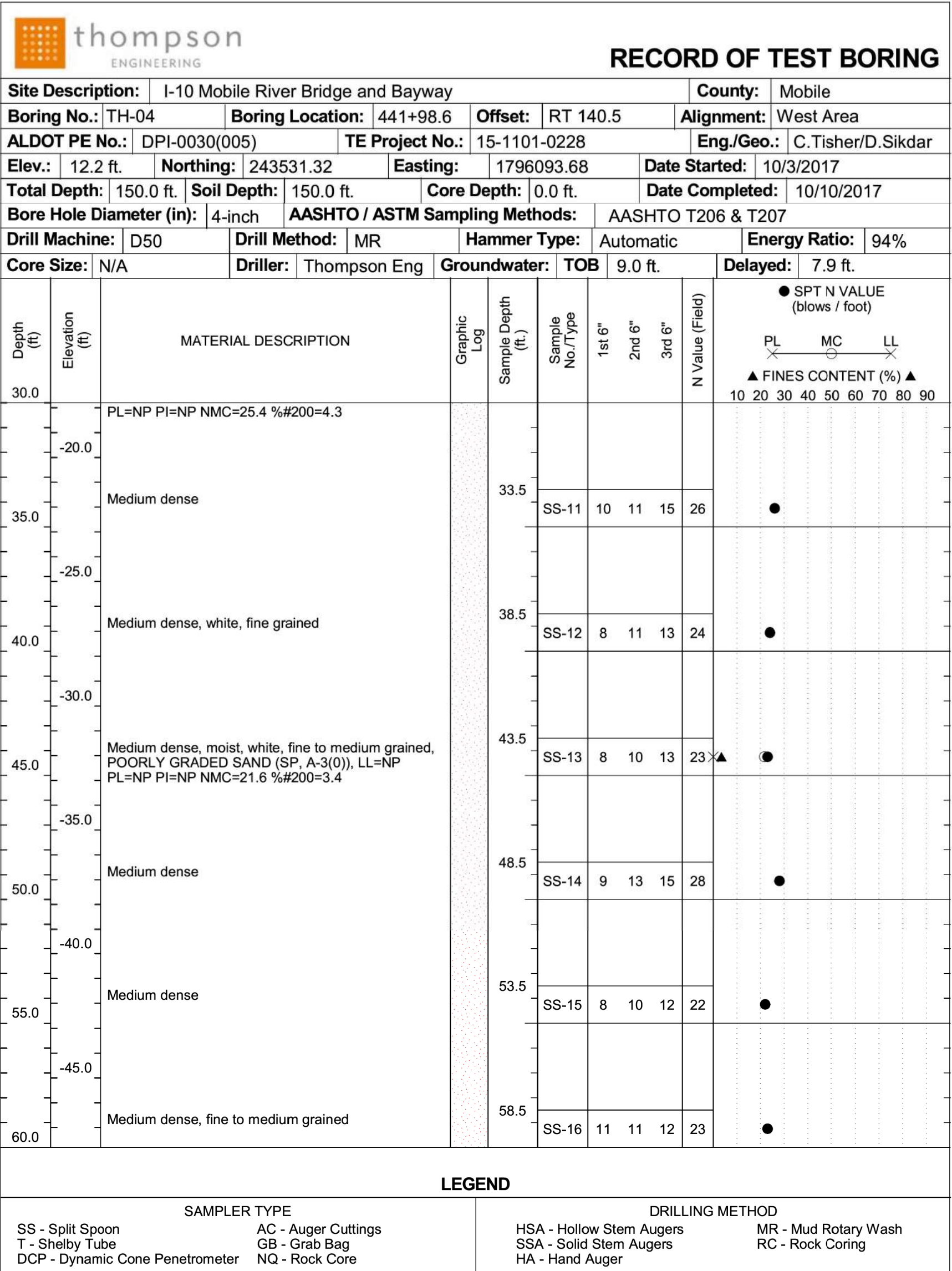
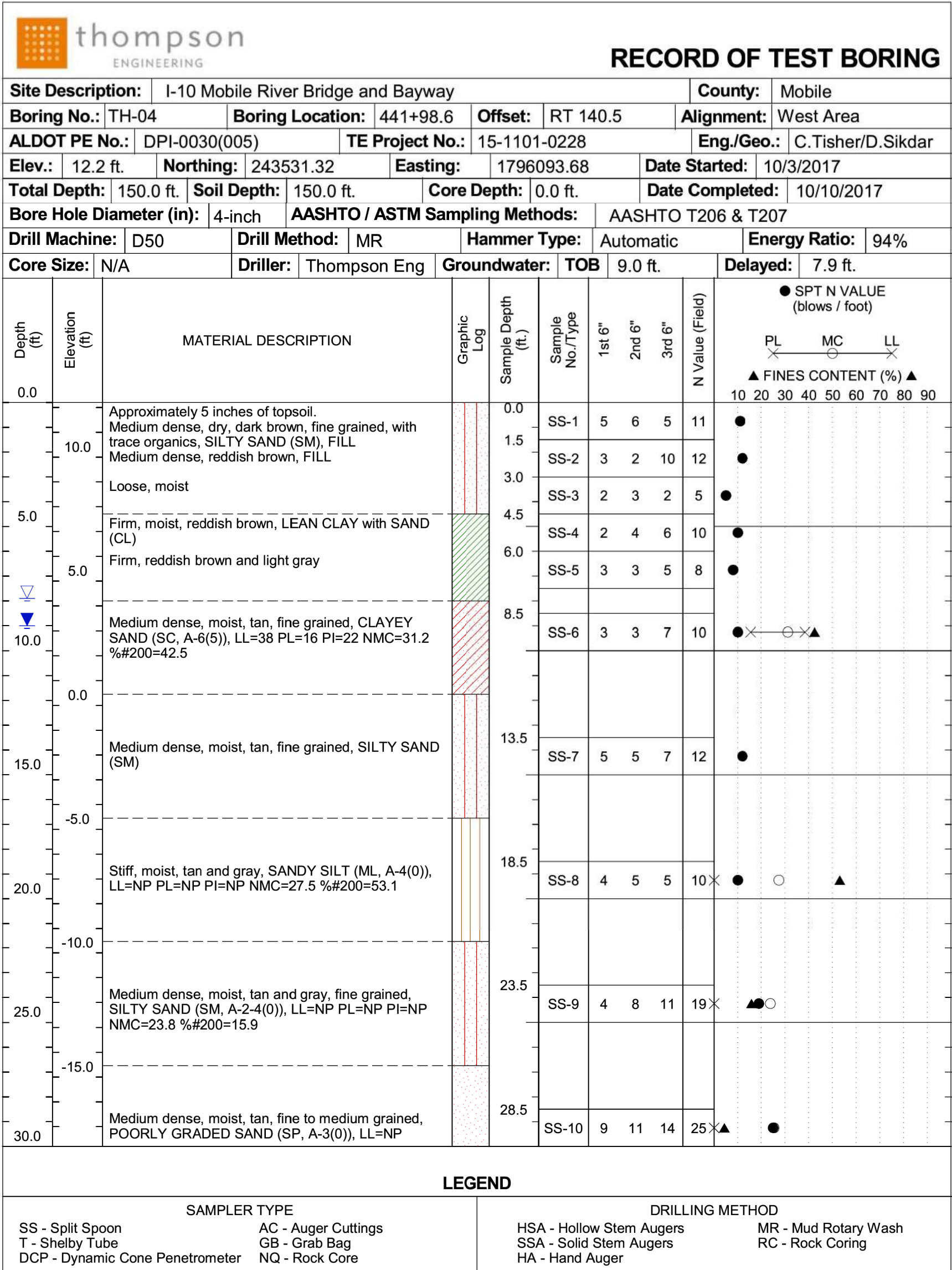
thompson ENGINEERING						RECORD OF TEST BORING							
Site Description: I-10 Mobile River Bridge and Bayway										County: Mobile			
Boring No.: TH-03		Boring Location: 443+80.7		Offset: LT 100.5		Alignment: West Area							
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Drill Machine: D50		Drill Method: MR		Hammer Type: Automatic		Energy Ratio: 94%							
Core Size: N/A		Driller: Thompson Eng		Groundwater: TOB		23.6 ft.		Delayed: N.O.					

Depth (ft)	Elevation (ft)	MATERIAL DESCRIPTION	Graphic Log	Sample Depth (ft.)	Sample No./Type	1st 6"	2nd 6"	3rd 6"	N Value (Field)	SPT N VALUE (blows / foot) PL MC LL X S X ▲ FINES CONTENT (%) ▲ 10 20 30 40 50 60 70 80 90
120.0		GRADED SAND with SILT (SP-SM, A-1-b(0)), LL=NP PL=NP PI=NP NMC=19.6 % #200=8.7			SS-28	12	15	32	47	●
125.0	-95.0	Medium dense			SS-29	13	9	9	18	●
130.0	-100.0	Undisturbed sample obtained from 129.4 to 131.4 feet. Approximately 17 inches of recovery. Moist, dark brown, medium to fine grained, CLAYEY SAND (SC, A-2-7(3)), LL=47 PL=22 PI=25 NMC=84.6 % #200=33.1		T-2						X —▲— X ○
135.0	-105.0	Very dense, wet, gray, fine to medium grained, POORLY GRADED SAND (SP)			SS-31	21	37	42	79	●
140.0	-110.0	Very dense			SS-32	26	38	50	88	●
145.0	-115.0	Very dense			SS-33	23	35	50	85	●
150.0	-120.0	Very dense								

LEGEND			
SAMPLER TYPE SS - Split Spoon T - Shelby Tube DCP - Dynamic Cone Penetrometer AC - Auger Cuttings GB - Grab Bag NQ - Rock Core		DRILLING METHOD HSA - Hollow Stem Augers SSA - Solid Stem Augers HA - Hand Auger MR - Mud Rotary Wash RC - Rock Coring	

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A	JQA	06/16/2025	90% FINAL SUBMITTAL
REV. NO.	BY	DATE	DESCRIPTION OF REVISION



ALABAMA
DEPARTMENT OF
TRANSPORTATION

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION

PE STAMP

PE STAMP

QR CODE



PLAN SUBMITTAL

90%

BIN(S)

021820 (WB)
021821 (EB)

COUNTY(S)

MOBILE

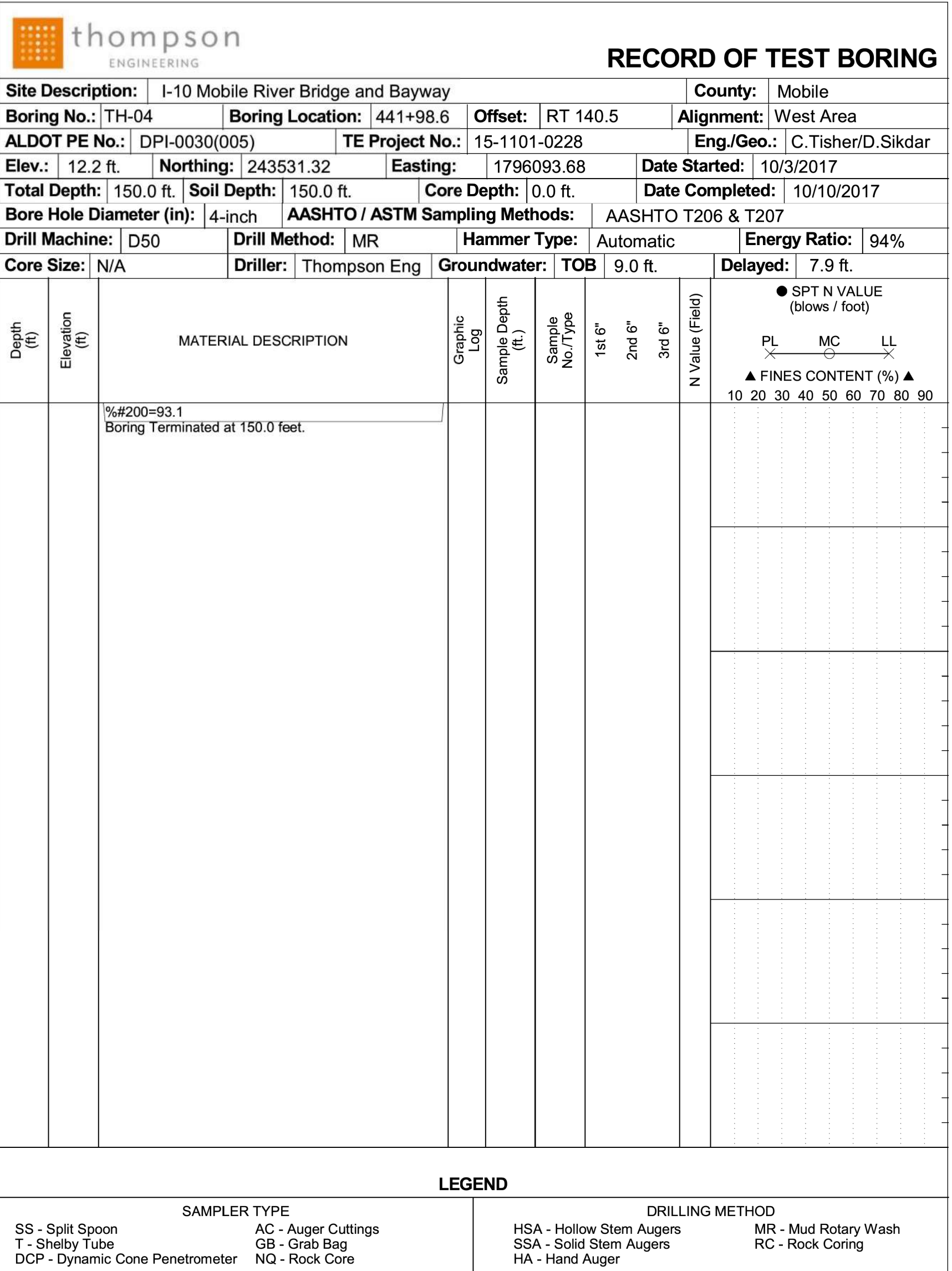
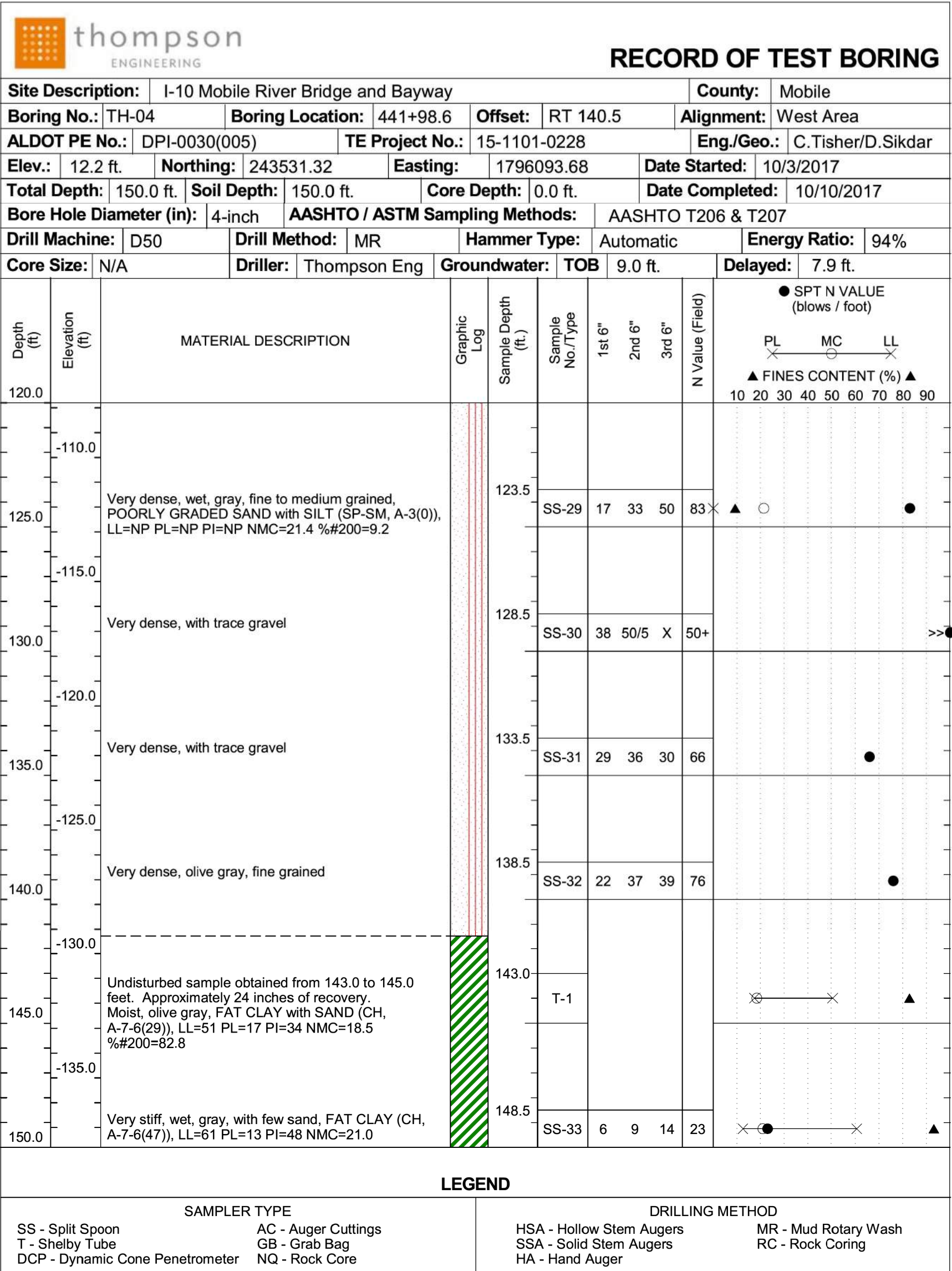
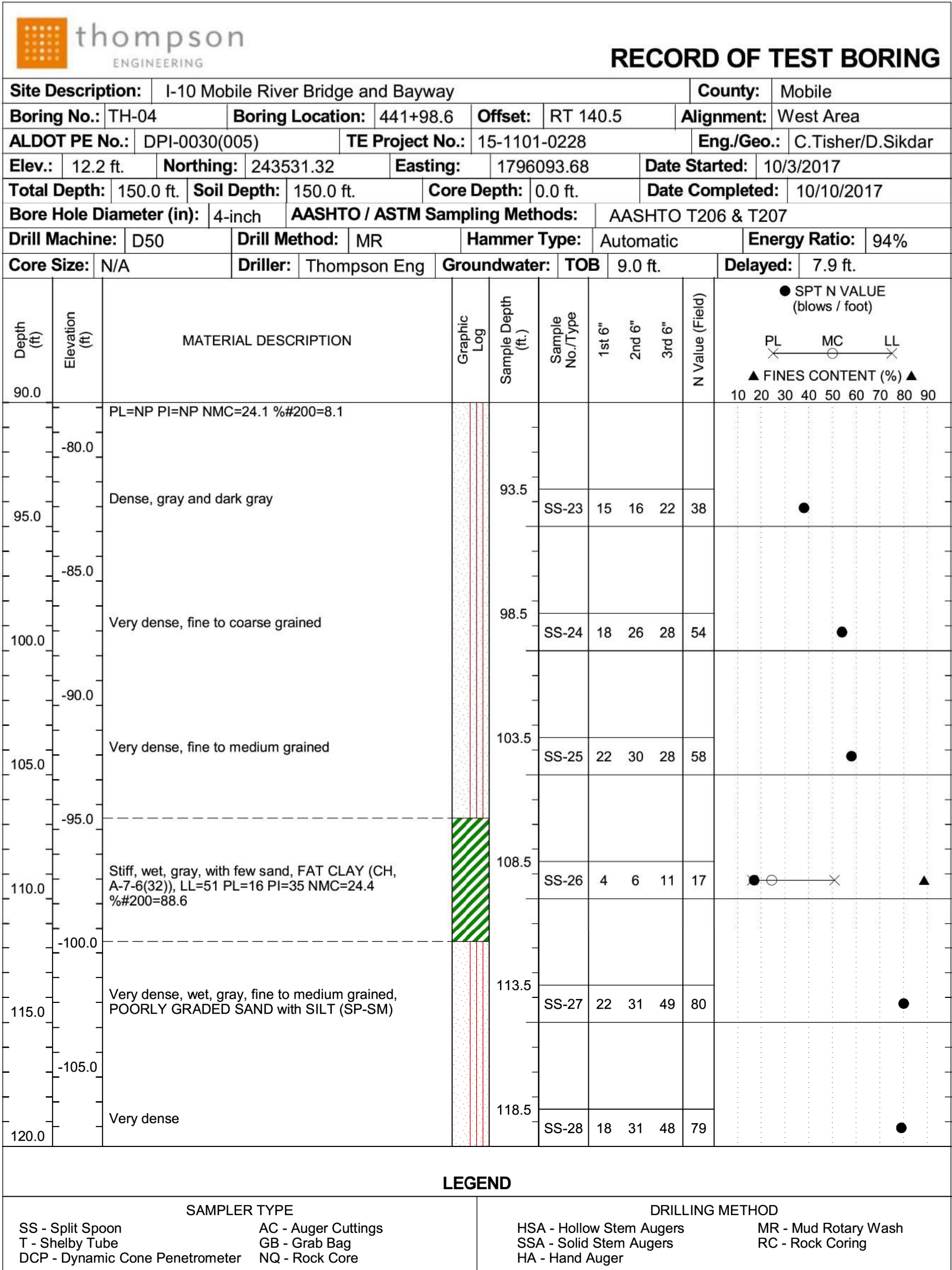
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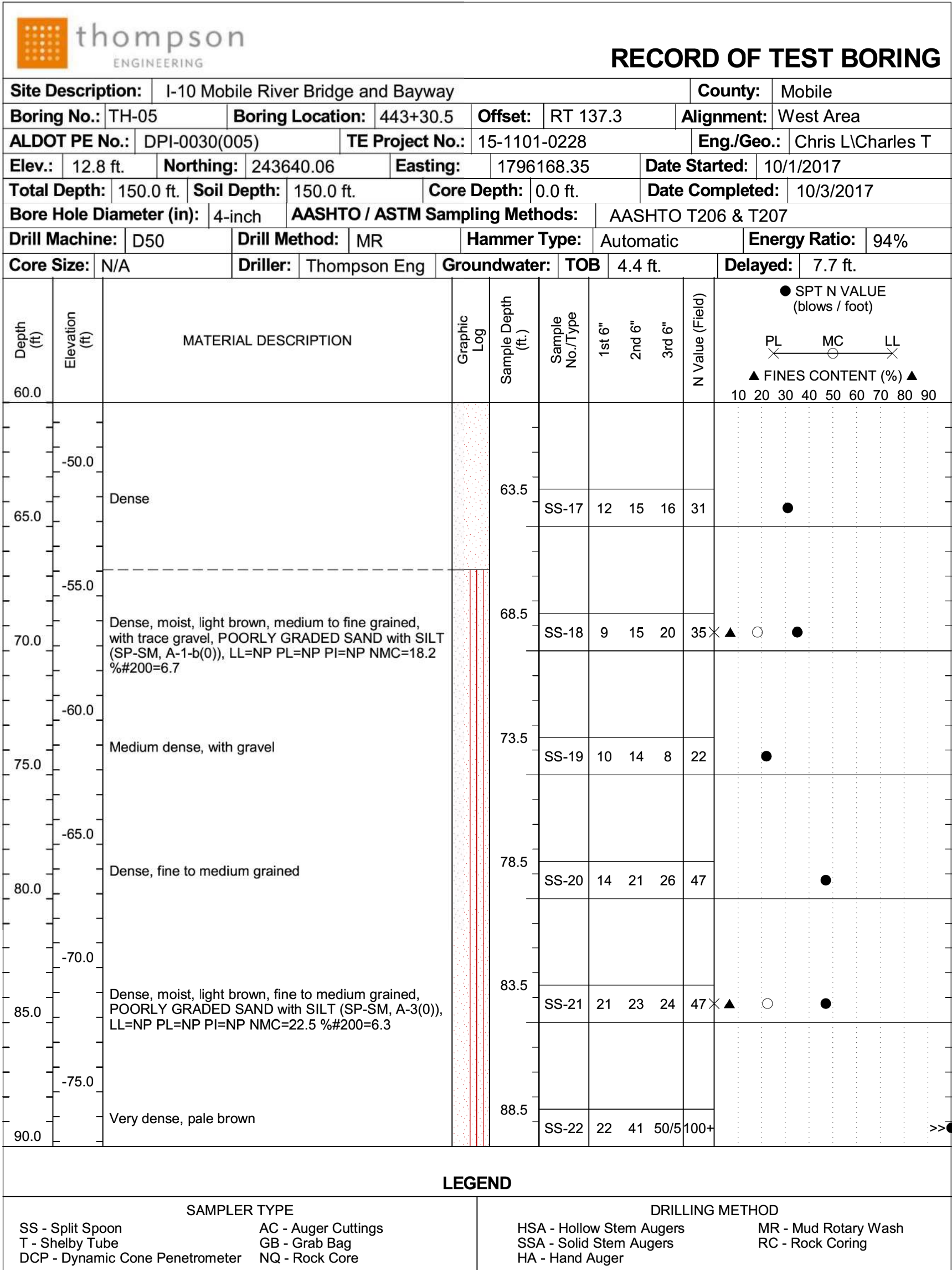
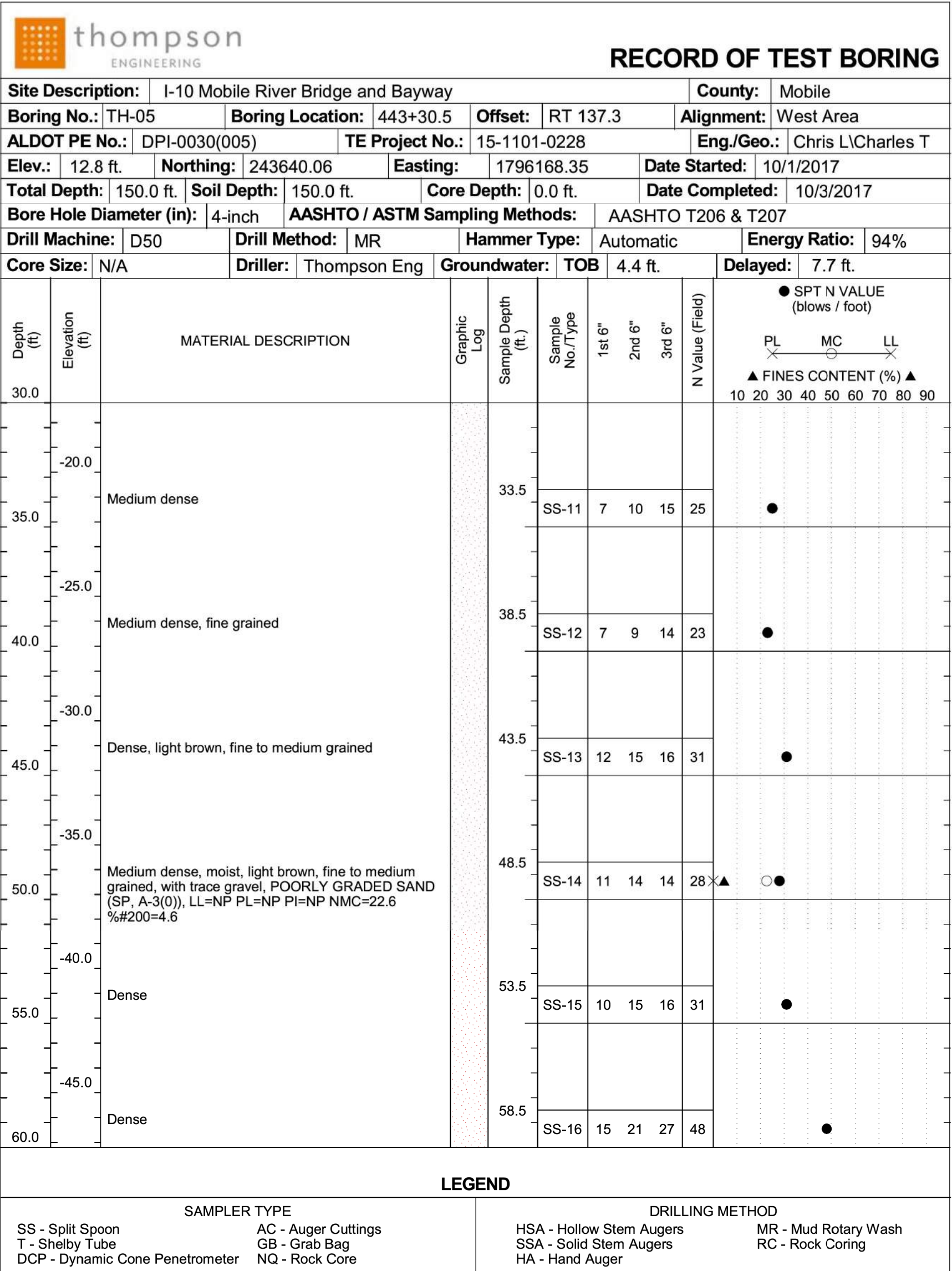
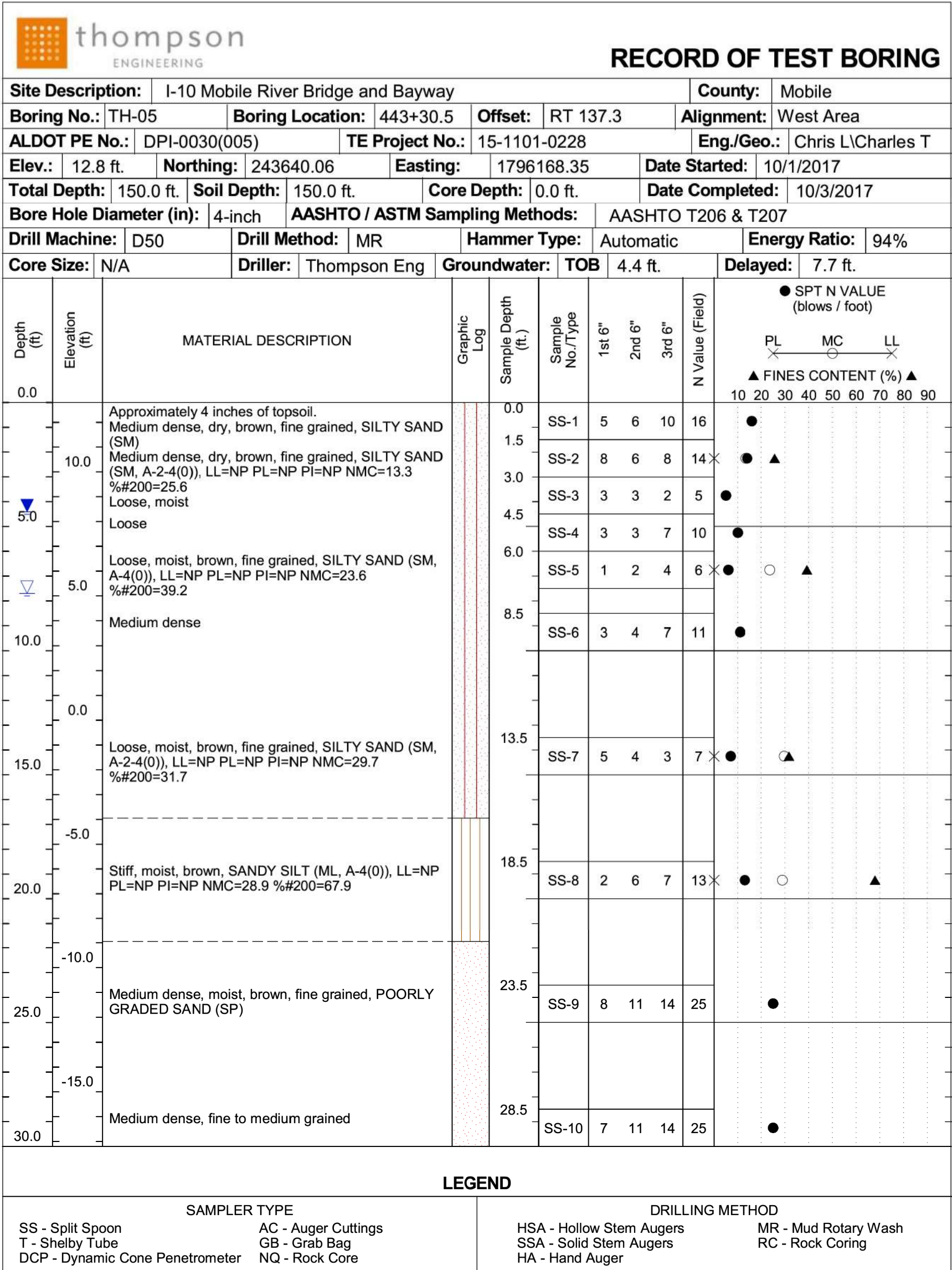
BRIDGE SHEET NO. 53 OF 57

SHEET TITLE

MOBILE RIVER BRIDGE

I-10 WB & EB OVER SOUTH CAR ST
RID TEST BORING RECORD SHEET





ALABAMA
DEPARTMENT OF
TRANSPORTATION

A	JQA	06/16/2025	90% FINAL SUBMITTAL
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DATE

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DATE

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CODE

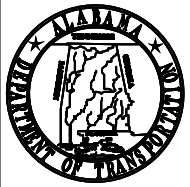
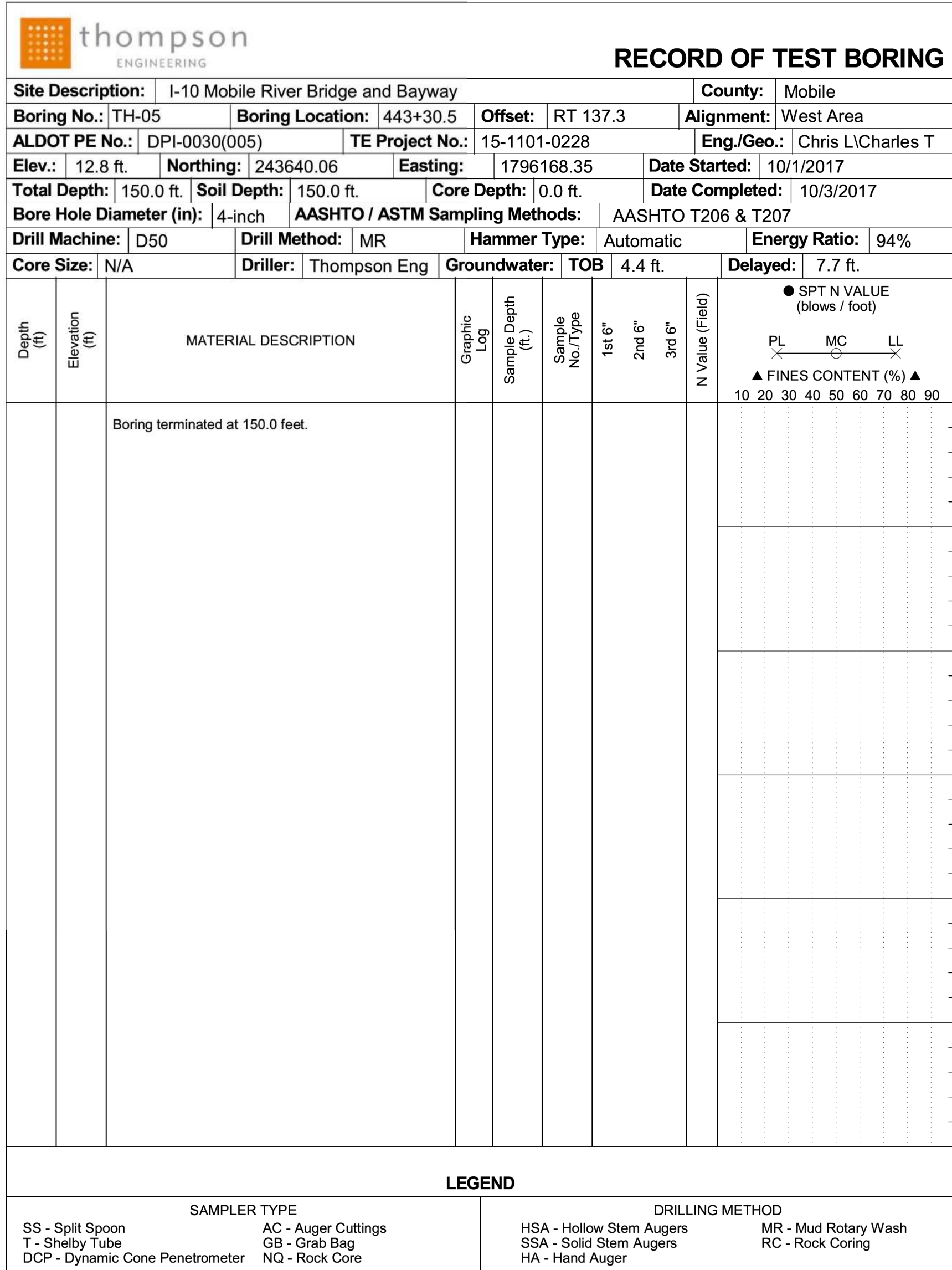
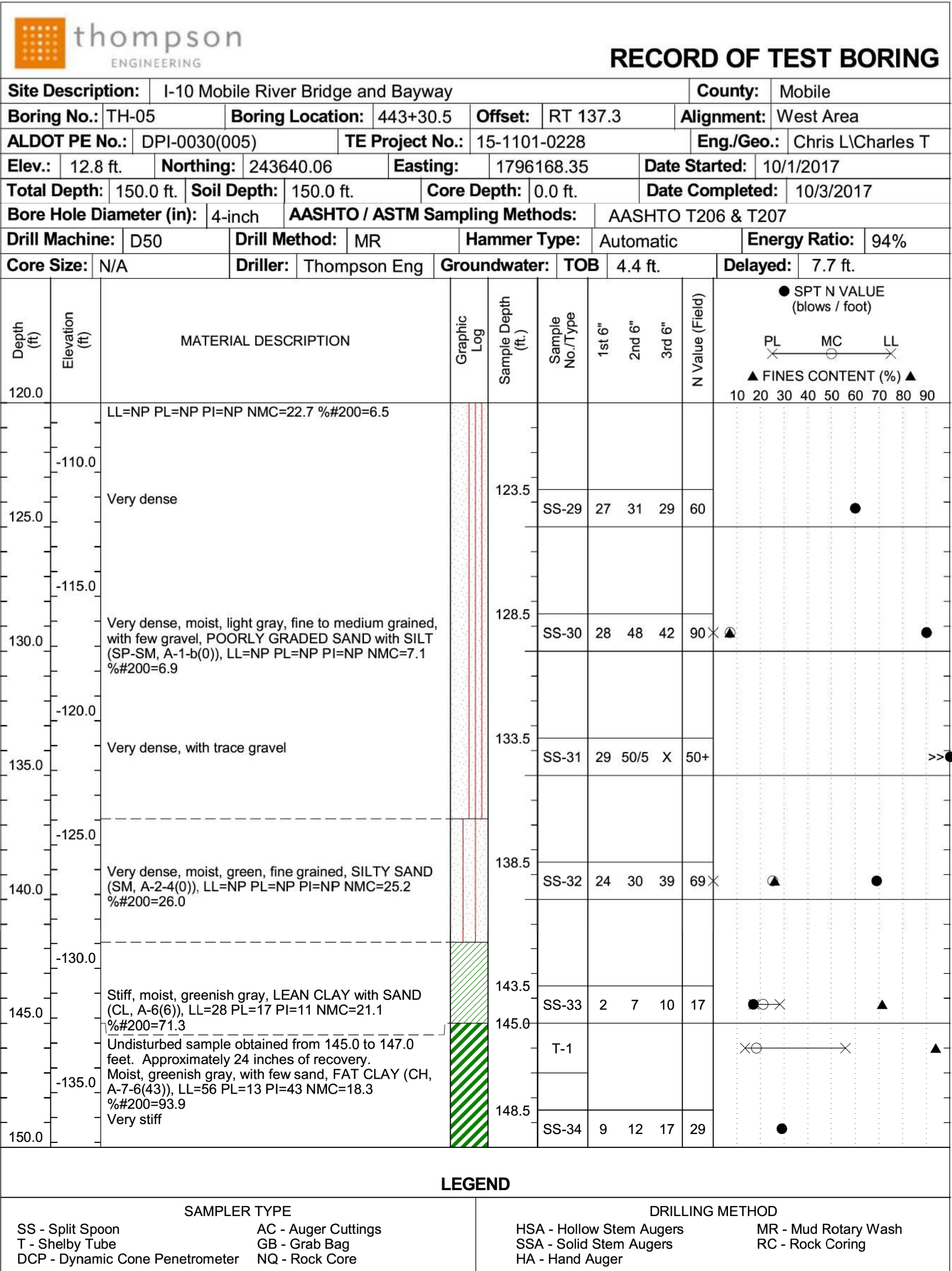
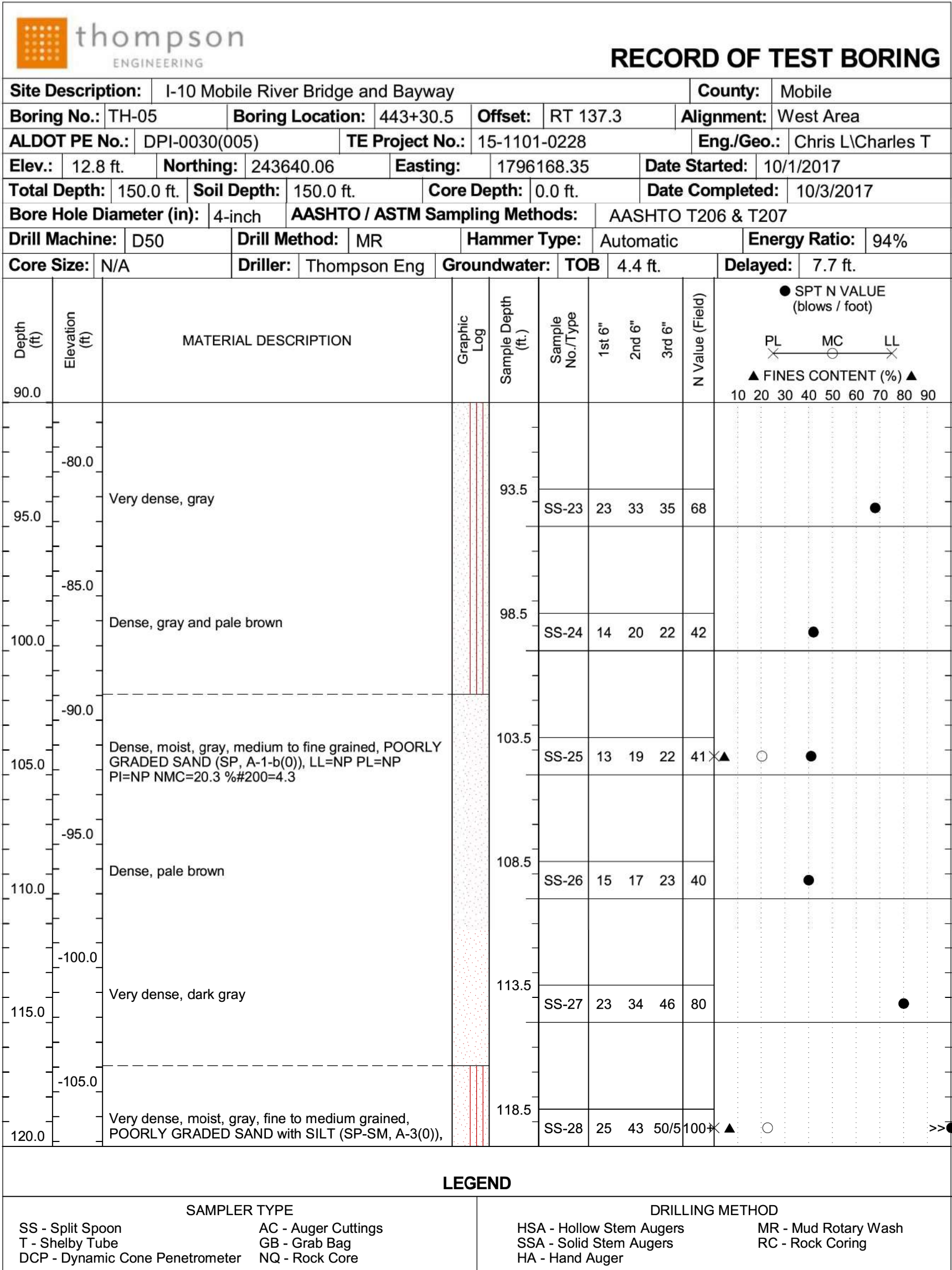


PLAN SUBMITTAL
90%

BIN(S)
021820 (WB) 021821 (EB)
COUNTY(S)
MOBILE

DESIGNER: _____ DATE: _____
BRIDGE SHEET NO. 55 OF 57

SHEET TITLE
MOBILE RIVER BRIDGE
I-10 WB & EB OVER SOUTH CAR ST
RID TEST BORING RECORD SHEET



ALABAMA
DEPARTMENT OF
TRANSPORTATION

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BIN(S)
021820 (WB) 021821 (EB)
COUNTY(S)
MOBILE

DESIGNER: _____ DATE: _____

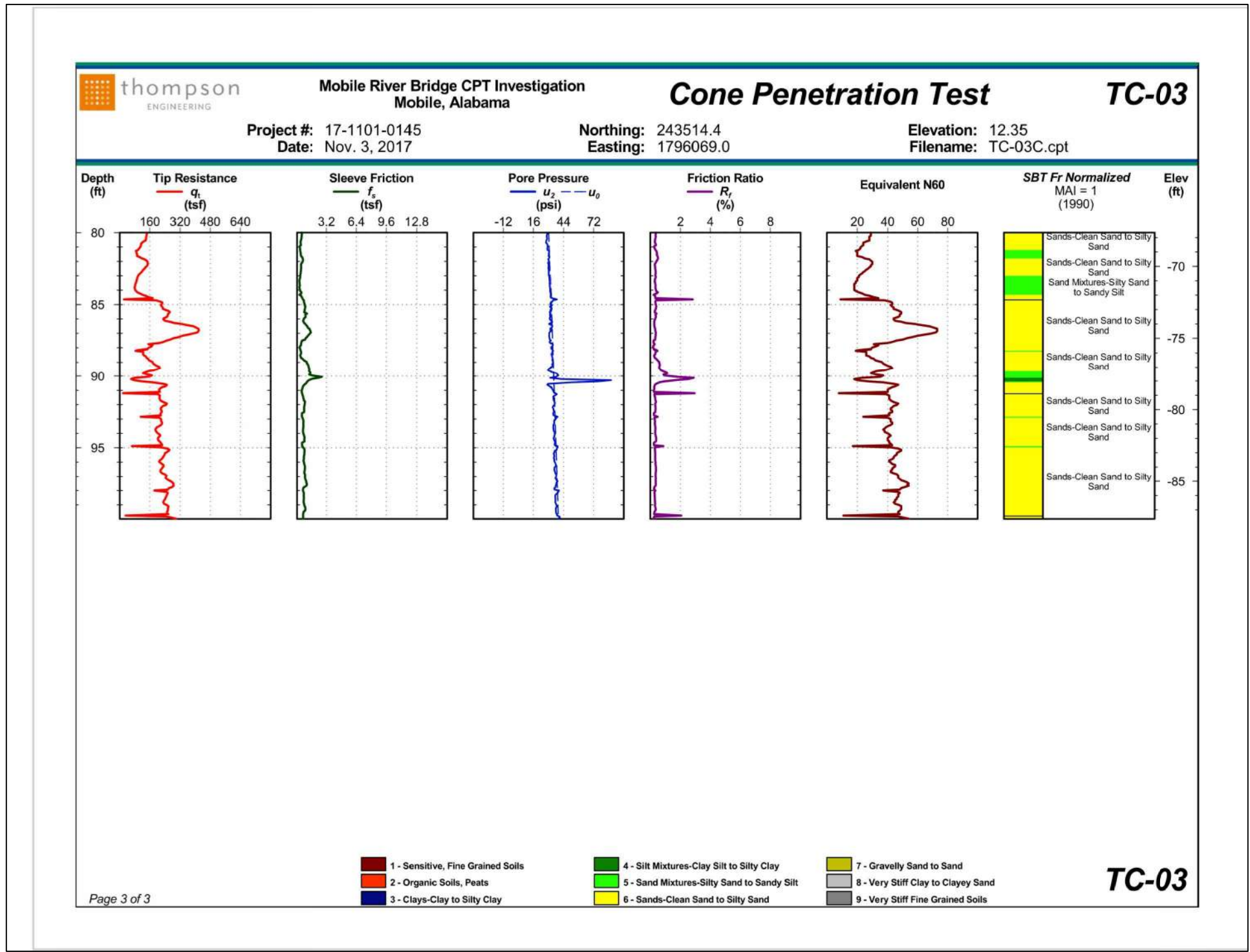
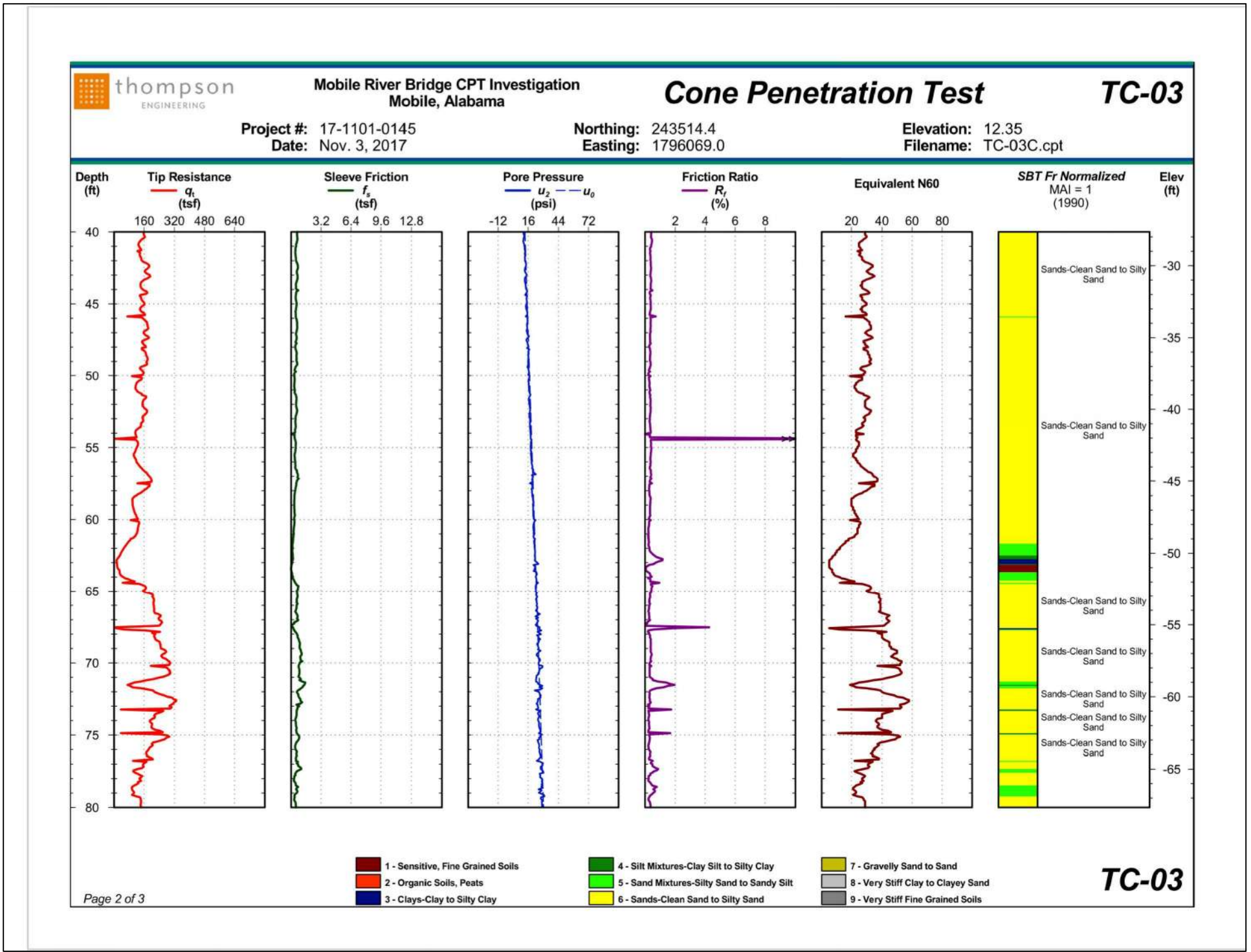
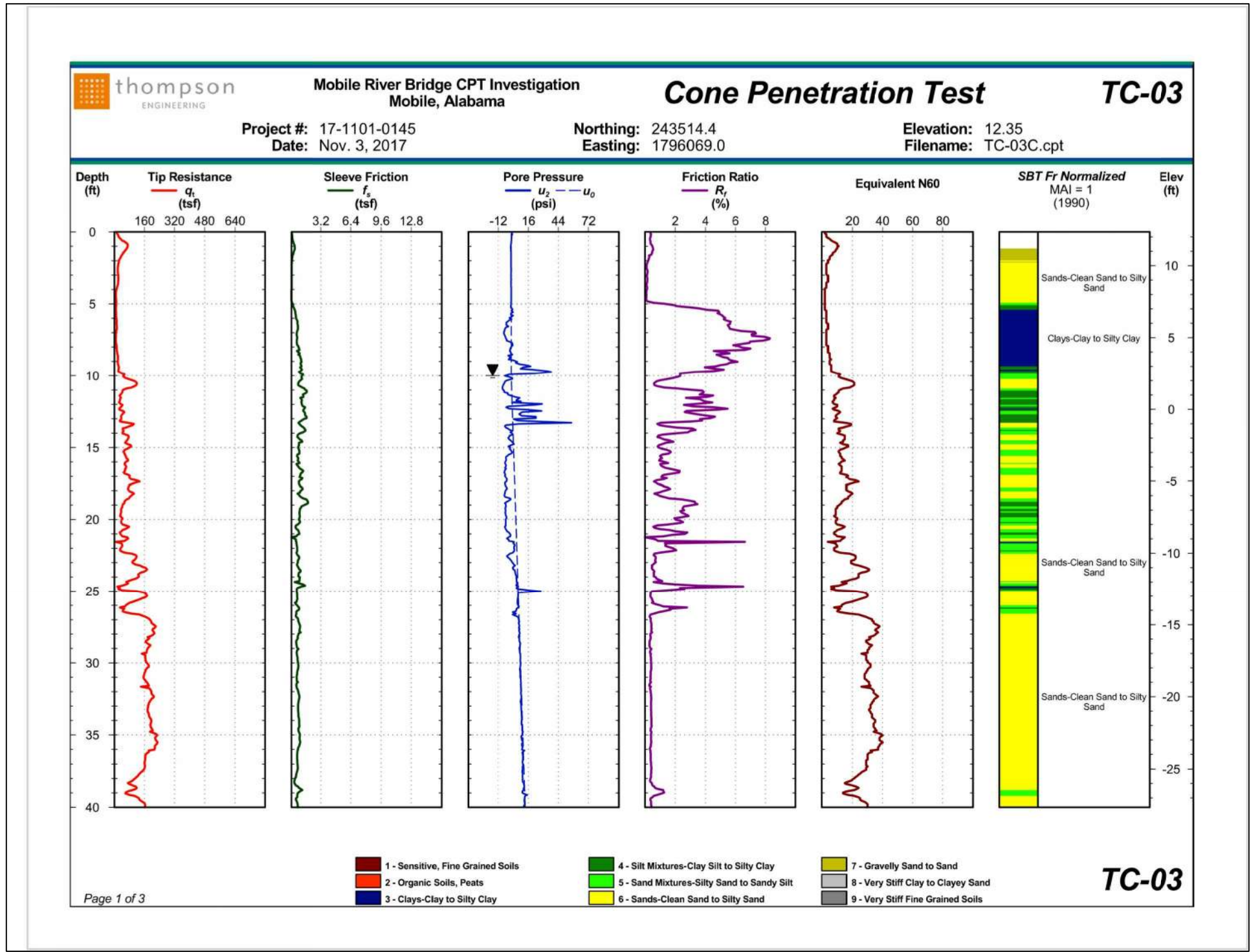
BRIDGE SHEET NO. 56 OF 57

SHEET TITLE

MOBILE RIVER BRIDGE

I-10 WB & EB OVER SOUTH CAR ST

RID TEST BORING RECORD SHEET



ALABAMA
DEPARTMENT OF
TRANSPORTATION

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PLAN SUBMITTAL

90%

BIN(S)

021820 (WB)
021821 (EB)

COUNTY(S)

MOBILE

DESIGNER: _____ DATE: _____

BRIDGE SHEET NO. 57 OF 57

SHEET TITLE

MOBILE RIVER BRIDGE
I-10 WB & EB OVER SOUTH CAR ST
RID CPT RECORD SHEET