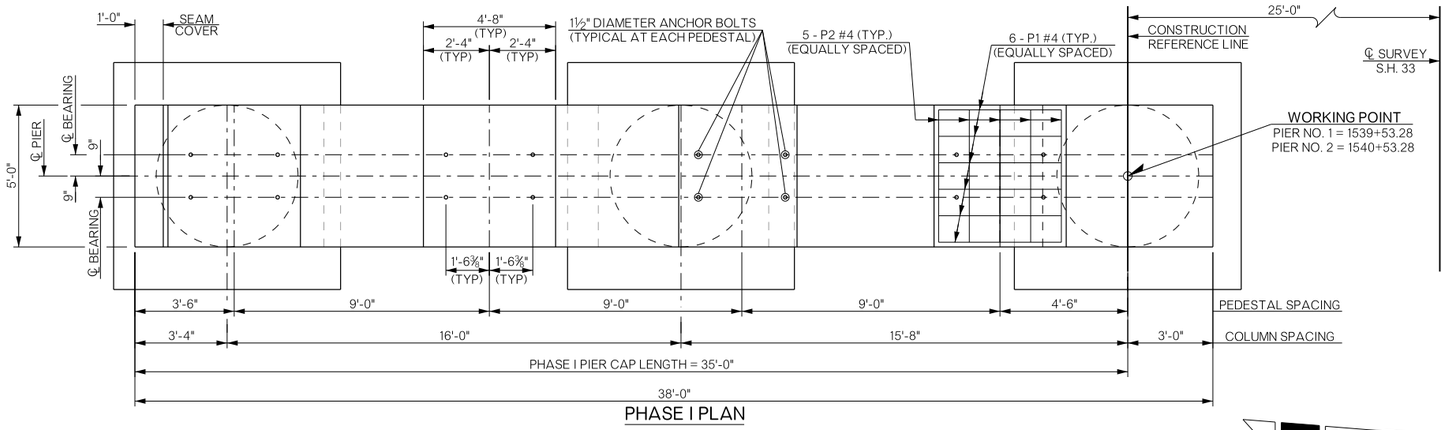
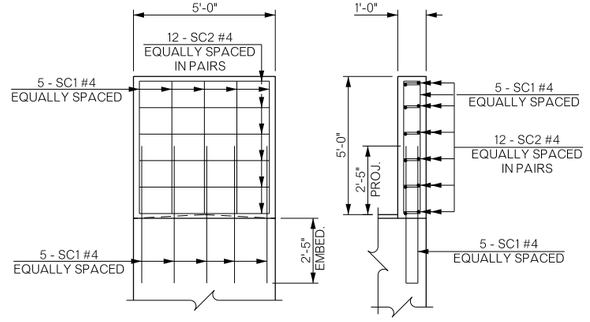
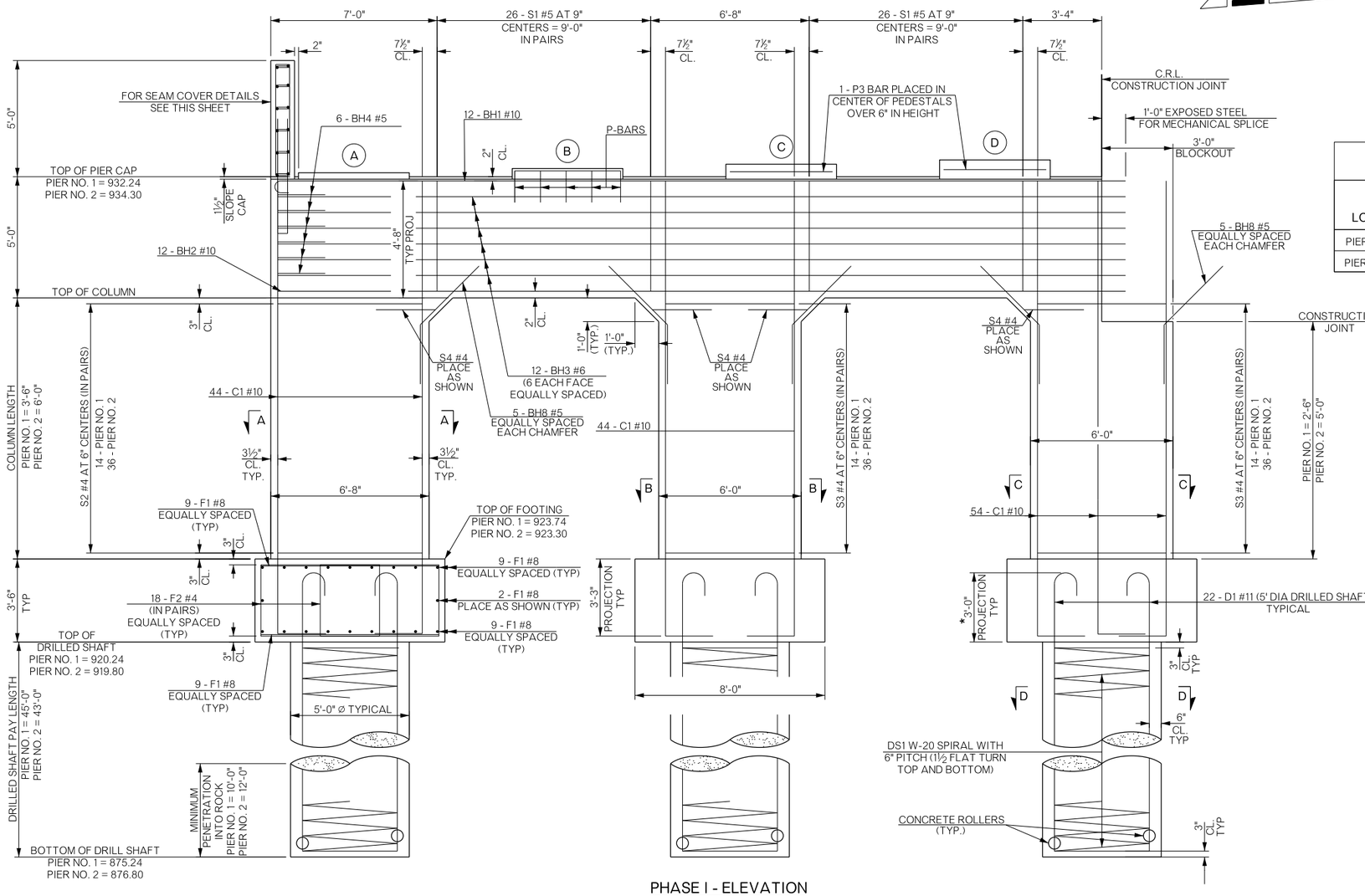


PHASE I PLAN



SEAM COVER REINFORCING DETAILS

NOTE: FOR BAR BENDS FOR SEAM COVER, SEE SHEET B031



PHASE I - ELEVATION

PEDESTAL HEIGHTS (PHASE I AND PHASE II)

LOCATION	PEDESTAL A		PEDESTAL B		PEDESTAL C		PEDESTAL D	
	ELEV.	HEIGHT	ELEV.	HEIGHT	ELEV.	HEIGHT	ELEV.	HEIGHT
PIER NO. 1	932.49	3"	932.67	5¼"	932.85	7⅜"	933.03	9½"
PIER NO. 2	934.55	3"	934.73	5¼"	934.91	7⅜"	935.09	9½"

PIER QUANTITIES - PHASE I

ITEM	UNIT	No. 1	No. 2	TOTAL
CLASS A CONCRETE	C.Y.	71.8	80.4	152.2
EPOXY COATED REINFORCING STEEL	LB.	17560	19890	37450
DRILLED SHAFTS 60" DIAMETER	L.F.	135	129	264
WATER REPELLENT (VISUALLY INSPECTED)	S.Y.	73	73	146
SUBSTRUCTURE EXCAVATION COMMON	C.Y.	135	140	275
CLSM BACKFILL	C.Y.	31.1	31.1	62.2

PIER QUANTITIES - PHASE II

ITEM	UNIT	No. 1	No. 2	TOTAL
CLASS A CONCRETE	C.Y.	60.7	66.6	127.3
EPOXY COATED REINFORCING STEEL	LB.	12980	14430	27410
DRILLED SHAFTS 60" DIAMETER	L.F.	90	86	176
WATER REPELLENT (VISUALLY INSPECTED)	S.Y.	73	73	146
SUBSTRUCTURE EXCAVATION COMMON	C.Y.	95	100	195
CLSM BACKFILL	C.Y.	20.7	20.7	41.4

FOR QUANTITES FOR CROSSHOLE SONIC LOGGING SEE SHEETS AB03 AND B003

NOTES

*ANY PROJECTED LENGTH PAST TOP OF DRILLED SHAFT SHALL NOT BE CONSIDERED ADDITIONAL PAY LENGTH FOR DRILLED SHAFT

PENETRATING WATER REPELLENT TREATMENT SHALL BE APPLIED TO THE TOP OF THE PIER CAP, TOP OF SEAM COVER, INCLUDING ALL SURFACES OF THE PEDESTALS, ALL VERTICAL FACES OF THE PIER CAP AND SEAM COVER.

ALL EDGES OF PIER CAP SHALL HAVE A 1½" CHAMFER EXCEPT FOR PEDESTAL EDGES WHICH SHALL HAVE A ¾" CHAMFER.

FOR DETAILS OF PIER AESTHETIC TREATMENTS, SEE SHEET B045.

FOR DETAILS NOT SHOWN ON THIS SHEET, SEE SHEETS B031 - B033.

REVISIONS

REV. NO.	DESCRIPTION	DATE

BRIDGE "A" LOGAN COUNTY
SH-33 OVER COTTONWOOD CREEK

DETAILS OF PIERS NO. 1 & 2
(SHEET 1 OF 4)

Design	GT	11/15
Detail	TIS	2/16
Check	TT	8/16

Squad: PEARSON
Engr.: HERNANDEZ

STATE OF OKLAHOMA | DEPARTMENT OF TRANSPORTATION
JOB PIECE NO. 21860(04) | SHEET NO. B030