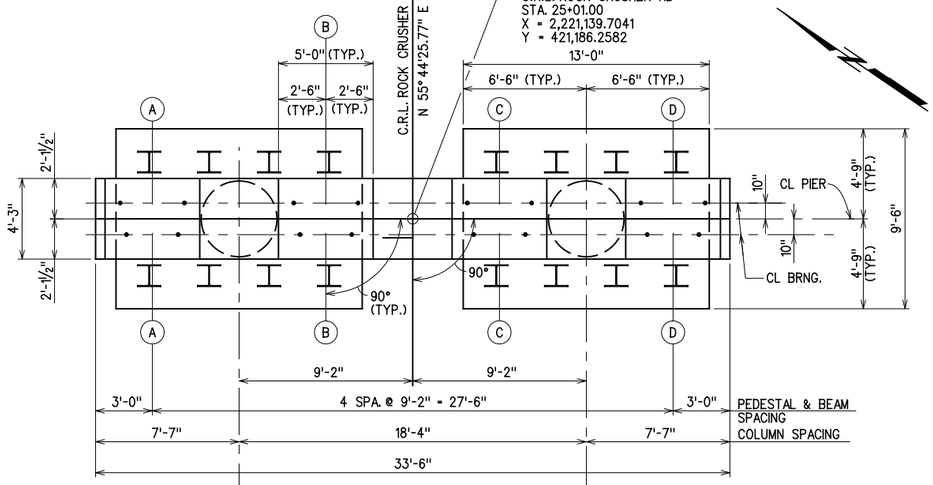
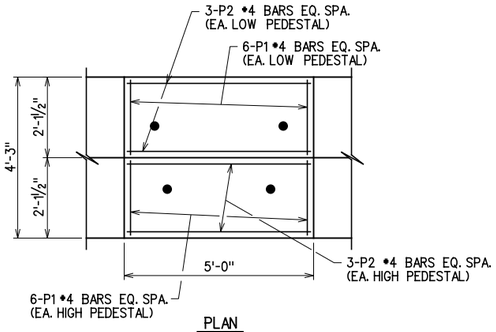
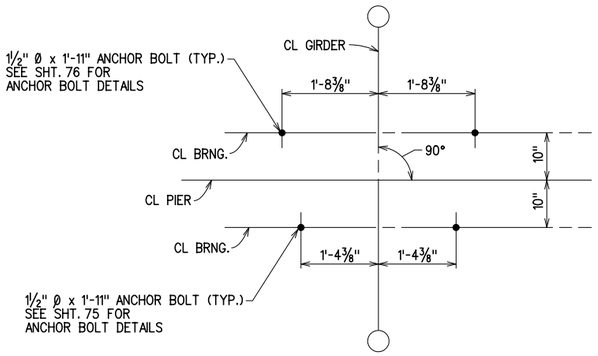
REVISIONS		
REV. NO.	DESCRIPTION	DATE



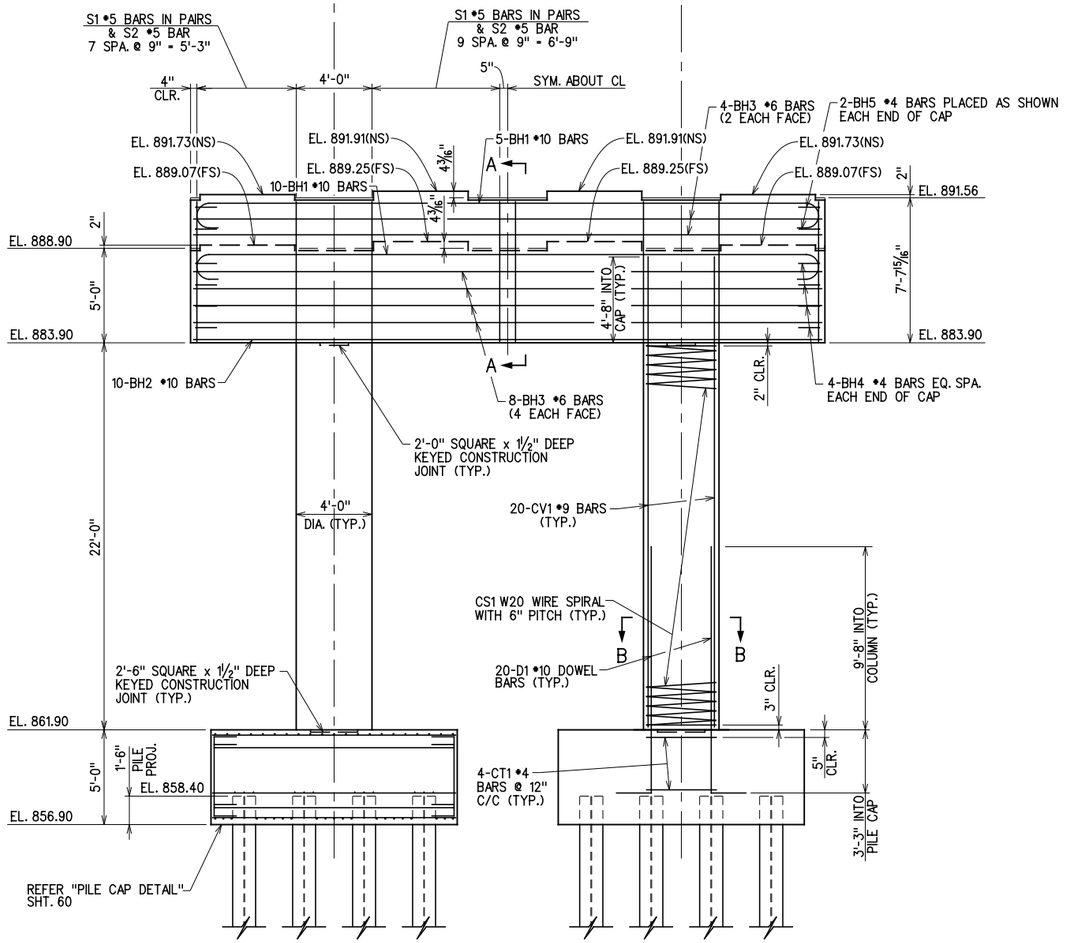
PLAN



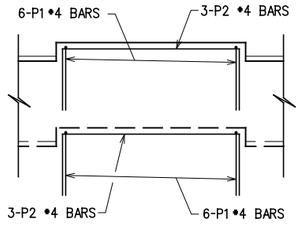
PLAN



ANCHOR BOLT LAYOUT



ELEVATION



ELEVATION

TYPICAL PEDESTAL REINFORCING

BAR LIST
PIER NO. 1

EPOXY COATED REINFORCING				
MARK	NO.	SIZE	FORM	LENGTH
BH1	15	•10	BNT.	36'-0"
BH2	10	•10	STR.	33'-2"
BH3	12	•6	STR.	33'-2"
BH4	8	•4	BNT.	5'-10"
BH5	4	•4	BNT.	3'-8"
P1	48	•4	BNT.	4'-9"
P2	24	•4	BNT.	7'-8"
S1	72	•5	BNT.	15'-1"
S2	36	•5	BNT.	18'-9"
CV1	40	•9	STR.	26'-5"
D1	40	•10	BNT.	14'-9"
PLAIN REINFORCING				
CS1	2	W20	SPIR.	508'-0"
CT1	8	•4	BNT.	13'-0"
PC1	84	•11	STR.	9'-2"
PC2	60	•11	STR.	12'-8"
PC3	24	•4	STR.	9'-2"
PC4	12	•4	STR.	12'-8"
PC5	20	•7	BNT.	11'-4"
PC6	20	•7	BNT.	14'-10"
PC7	56	•7	BNT.	6'-11"
PC8	36	•7	BNT.	6'-8"

PIER QUANTITIES

	ITEM	UNIT	PIER 1	PIER 2	TOTAL
	SUBSTRUCTURE EXCAVATION COMMON	C.Y.	218.0	177.0	395.0
	CLSM BACKFILL	C.Y.	43.0	43.0	86.0
	CLASS A CONCRETE	C.Y.	100.3	92.3	192.6
	REINFORCING STEEL	LB.	11,490.0	11,480.0	22,970.0
	EPOXY COATED REINFORCING STEEL	LB.	12,640.0	11,190.0	23,830.0
	PILES, FURNISHED (HP 14X73)	L.F.	880.0	272.0	1,152.0
	PILES, DRIVEN (HP 14X73)	L.F.	880.0	272.0	1,152.0
①	WATER REPELLENT (VISUALLY INSPECTED)	S.Y.	154.0	132.0	286.0

① APPLIED TO ALL EXPOSED SURFACES OF PIER CAP AND COLUMNS

NOTES:
1. FOR BAR BENDING DIAGRAM SEE SHT. 59.
2. FOR SECTIONS SEE SHT. 59.

PIER NO.1

DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	G/K ENGR.	

ROCK CRUSHER RD. OVER I-35 MURRAY COUNTY
BRIDGE "A"

PIER DETAILS (1 OF 4)

JOB PIECE NO. 30363(04) SHEET NO. 57

X:\Odot\EC-1589B\Struc\Bridge_A\Pier 1.dgn
3/2/2017