



BAR LIST
PIER NO. 1

EPOXY COATED REINFORCING				
MARK	NO.	SIZE	FORM	LENGTH
BH1	9	#10	BNT.	42'-6"
BH2	9	#10	STR.	39'-8"
BH3	8	#6	STR.	39'-8"
BH4	8	#4	BNT.	5'-10"
P1	20	#4	BNT.	7'-8"
P2	24	#4	BNT.	6'-11"
S1	76	#5	BNT.	15'-1"
CV1	40	#9	STR.	13'-0"
PLAIN REINFORCING				
CS1	2	W20	SPIR.	203'-0"
D1	40	#9	STR.	11'-8"
CT1	12	#4	BNT.	12'-6"
DS1	2	W20	SPIR.	1,358'-0"
DV1	48	#10	STR.	52'-6"

BAR LIST
PIER NO. 2

EPOXY COATED REINFORCING				
MARK	NO.	SIZE	FORM	LENGTH
BH1	9	#10	BNT.	42'-6"
BH2	9	#10	STR.	39'-8"
BH3	8	#6	STR.	39'-8"
BH4	8	#4	BNT.	5'-10"
P1	20	#4	BNT.	7'-8"
P2	24	#4	BNT.	6'-11"
S1	76	#5	BNT.	15'-1"
CV2	40	#9	STR.	15'-10"
PLAIN REINFORCING				
CS2	2	W20	SPIR.	262'-0"
D1	40	#9	STR.	11'-8"
CT1	12	#4	BNT.	12'-6"
DS2	2	W20	SPIR.	1,508'-0"
DV2	48	#10	STR.	58'-6"

① DRILLED SHAFT REINFORCEMENT TO BE INCLUDED IN PRICE BID PER L.F. OF 60" DIA. DRILLED SHAFT.

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PIER QUANTITIES

ITEM	UNIT	PIER 1	PIER 2	TOTAL
CLASS A CONCRETE	C.Y.	40.2	42.9	83.1
REINFORCING STEEL	LB.	280.0	360.0	640.0
EPOXY COATED REINFORCING STEEL	LB.	6,870.0	7,260.0	14,130.0
① WATER REPELLENT (VISUALLY INSPECTED)	S.Y.	114.0	122.0	236.0
DRILLED SHAFTS 60" DIAMETER	L.F.	106.0	118.0	224.0
CROSSHOLE SONIC LOGGING	EA.	---	---	1.0

① APPLIED TO ALL EXPOSED SURFACES OF PIER CAP AND COLUMNS

PIER ELEVATIONS

	PIER 1	PIER 2
EL. A	955.78	956.64
EL. B	956.01	956.87
EL. C	955.61	956.47
EL. D	950.61	951.47
EL. E	942.00	940.00
EL. F	889.00	881.00
DIM. A	8'-7 5/16"	11'-5 5/8"
DIM. B	53'-0"	59'-0"
DIM. C	10'-0"	20'-0"

NOTES:
1. FOR BAR BENDING DIAGRAMS, SEE SHT. 50.
2. FOR SECTIONS, SEE SHT. 50.

GROSSMAN & KEITH
ENGINEERING COMPANY
10408 GREENBRIAR PL., OKLA. CITY OK. 73159
PH. 691-3213 FAX 691-3214
CA. #74 EXPIRES 06/30/2016



DESIGN
DRAWN
CHECKED
APPROVED
SQUAD

G/K ENGR.

U.S. 277 OVER DEEP RED CREEK OVERFLOW BRIDGE "A"
COTTON COUNTY
PIER DETAILS (1 OF 2)
JOB PIECE NO. 28036(04) SHEET NO. 49

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