



BAR LIST
PIER NO. 1

EPOXY COATED REINFORCING				
MARK	NO.	SIZE	FORM	LENGTH
BH1	10	#10	BNT.	48'-0"
BH2	10	#10	STR.	45'-2"
BH3	8	#6	STR.	45'-2"
BH4	8	#4	BNT.	6'-7"
P1	48	#4	BNT.	8'-2"
S1	92	#5	BNT.	16'-3"
PLAIN REINFORCING				
CS1	2	W20	SPIR.	285'-0"
D1	40	#9	STR.	11'-8"
CT1	12	#4	BNT.	12'-6"
DS1	2	W20	SPIR.	1,031'-0"
DV1	48	#10	STR.	39'-6"

BAR LIST
PIER NO. 2

EPOXY COATED REINFORCING				
MARK	NO.	SIZE	FORM	LENGTH
BH1	10	#10	BNT.	48'-0"
BH2	10	#10	STR.	45'-2"
BH3	8	#6	STR.	45'-2"
BH4	8	#4	BNT.	6'-7"
P1	48	#4	BNT.	8'-2"
S1	92	#5	BNT.	16'-3"
PLAIN REINFORCING				
CS2	2	W20	SPIR.	302'-0"
D1	40	#9	STR.	11'-8"
CT1	12	#4	BNT.	12'-6"
DS2	2	W20	SPIR.	679'-0"
DV2	48	#10	STR.	25'-6"

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

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PIER ELEVATIONS

	PIER 1	PIER 2
EL. A	955.92	956.73
EL. B	956.07	956.88
EL. C	955.99	956.80
EL. D	955.69	956.50
EL. E	955.52	956.33
EL. F	950.52	951.33
EL. G	938.00	938.00
EL. H	898.00	912.00
DIM. A	12'-6 1/4"	13'-4"
DIM. B	40'-0"	26'-0"
DIM. C	21'-0"	15'-0"

PIER QUANTITIES

ITEM	UNIT	PIER 1	PIER 2	TOTAL
CLASS A CONCRETE	C.Y.	55.5	56.3	111.8
REINFORCING STEEL	LB.	390.0	410.0	800.0
EPOXY COATED REINFORCING STEEL	LB.	8,720.0	8,830.0	17,550.0
WATER REPELLENT (VISUALLY INSPECTED)	S.Y.	143.0	145.0	288.0
DRILLED SHAFTS 60" DIAMETER	L.F.	80.0	52.0	132.0
CROSSHOLE SONIC LOGGING	EA.	---	---	1.0

① APPLIED TO ALL EXPOSED SURFACES OF PIER CAP AND COLUMNS



GROSSMAN & KEITH
ENGINEERING COMPANY
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CA. #74 EXPIRES 06/30/2016

DESIGN
DRAWN
CHECKED
APPROVED
SQUAD G/K ENGR.

U.S. 277 OVER DEEP RED CREEK OVERFLOW BRIDGE "C"
COTTON COUNTY
PIER DETAILS (1 OF 2)
JOB PIECE NO. 28036(04) SHEET NO. 82

NOTES:
1. FOR BAR BENDING DIAGRAMS, SEE SHT. 83.
2. FOR SECTIONS, SEE SHT. 83.

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