

2-WH3 #5 1 EACH FACE

LAP WITH WT5

7'-3" TO 10'-1"

2'-5" to 5'-4"

WT3 #5 X 18'-4" AVERAGE WT4 #5 X 8'-9" AVERAGE

WT3

WT4

10 #9 STR. 34'-9" 15 #4 BNT. 5'-1" 33 #4 STR. 9'-4" AVG. 9'-0" TO 9'-8" BV2 33 #5 STR. 9'-4" AVG. 9'-0" TO 9'-8" BV3 #5 STR. 10'-1" BV4 #5 STR. 8'-1" BV5 #5 STR. 4'-3" AVG. 2'-10" TO 5'-8" #5 BNT. WT1 6'-3" #5 BNT. 11'-3" WT2 2 #5 BNT. 18'-4" AVG. 15'-6" TO 21'-2" WT3 17 #5 BNT. WT4 8'-9" AVG. 5'-7" TO 11'-8" WT5 #5 BNT. 8'-6" 24 #4 BNT. 6'-0" P2 #4 BNT. 7'-8" P3 #4 BNT. 14'-11" S1 47 #5 BNT. 12'-11"

	PHASE II BAR LIST - ONE WING							
	MARK	NO.	SIZE	FORM	LENGTH	VARIANCE		
	EPOXY COATED							
1	WH1	16	#5	STR.	20'-8"			
	WH2	18	#5	STR.	11'-6½" AVG.	5'-8" TO 17'-5"		
	WH3	2	#5	BNT.	21'-7"			
	WV1	8	#4	STR.	3'-11"			
	WV2	36	#4	STR.	7'-1" AVG.	4'-3" TO 9'-11"		
	WP1	3	#4	BNT.	8'-8"			
	WP2	4	#4	STR.	1'-7"			

1 TWO SETS OF 9 BARS

STEEL PILE ENCASEMENT SEE BRIDGE STANDARD

HP10X42

I = I = I

PLAN

ELEVATION

WT5 #5 X 8'-6"

QUANTITIES - PHASE II - ABUTMENT NO. 1				
ITEM	UNIT	TOTAL		
SUBSTRUCTURE EXCAVATION COMMON	C.Y.	60.0		
CLSM BACKFILL	C.Y.	62.0		
CLASS A CONCRETE	C.Y.	37.0		
EPOXY COATED REINFORCING STEEL	LB.	4470.0		
PILES, FURNISHED (HP 10 X 42)	L.F.	56.0		
PILES, DRIVEN (HP 10 X 42)	L.F.	56.0		
PILES, FURNISHED (HP 12 X 53)	L.F.	268.0		
PILES, DRIVEN (HP 12 X 53)	L.F.	268.0		
6" PERFORATED PIPE UNDERDRAIN ROUND	L.F.	32.0		
6" NON-PERFORATED PIPE UNDERDRAIN ROUND	L.F.	32.0		
WATER REPELLENT (VISUALLY INSPECTED)	S.Y.	52.0		

WATER REPELLANT TREATMENT SHALL BE APPLIED TO EXPOSED SURFACES OF THE ABUTMENT INCLUDING: THE TOP OF SEAT, THE BACKWALL, THE PEDESTALS AND PORTIONS OF THE WING WHICH IS EXPOSED.

BRIDGE "A"	LOGAN COUNTY	Design	GT	11/15
SH-33 OVER COTTONWOOD CREEK		Detail	MAP	11/15
DETAILS OF ABUTMEN		Check	TT	8/16
(SHEET 5 OF 5)		Squad: PEARSON Engr.: HERNANDEZ		

			,	
~ ~ .		RTMENT OF TRANSPO	DRTAT	ION
OKLAHOMA	JOB PIECE NO.	21860(04)	SHEET NO.	B021

1) MATCH MSE WALL COPING HEIGHT.	LONGITUDINAL SECTION AT PHASE II C	OF ABUTMENT NO.1	
ASHLAR STONE TO BE A SHEAR STONE ASHLAR STON			
		5½" 50 3'-11" 51 93	
	2'-8" P1 4'-4" P2	2-1-8-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	18'-9'
DETAILS OF A SUIT AD STONE FORMUNED	P1 #4 X 6'-0" P2 #4 X 7'-8"	চা প্র S1 #5 X 12'-11" P3 #4 X 14'-11"	WH3 #5 X 21'-7"

WT1 #5 X 6'-3"

1-WT5 #5 3-WT4 #5 EQUALLY SPACED

FRONT FACE OF BACKWALL

WP1 #4 X 8'-8"

LAP WITH WT BARS

LONGITUDINAL SECTION AT PHASE II OF ABUTMENT NO.1

WT2 #5 X 11'-3"

22'-3"

TOP CORNER OF

ROADWAY FACE SHALL NOT

BE CHAMFERED

AT STONE

ASHLAR STONE FORMLINER

STONE FACE

WV #4 BARS

1'-4" __ROADWAY FACE

SECTION THRU WING AT

BACKFACE OF ABUTMENT SEAT

BH2 #4 X 35'-8"

2-WT2 #5 1 EACH FACE

DETAILS OF ASHLAR STONE FORMLINER ON ABUTMENT WING AND BEAM COVER FOR DETAILS OF AESTHETIC TREATMENTS, SEE SHEET B046

BH4 #4 X 5'-1"