



Note: WT Bars shall be in place before bridge seat is poured.

BAR LIST (ONE ABUTMENT) TYPE A					
MARK	NO.	SIZE	FORM	LENGTH	VARIANCE
BH1	9	#7	STR	34'-8"	
BH2	6	#4	STR	34'-8"	
BH3	15	#4	STR	2'-2"	
BV1	72	#5	STR	3'-0"	
D1	25	3/4" Dia.	STR	2'-0"	
S1	36	#4	BNT	9'-5"	
SR5	82	#4	STR	3'-7"	
WH1	26	#6	STR	10'-8"	
WH2	16	#6	STR	6'-7" Avg.	3'-6" to 9'-8"
WH3	8	#6	STR	7'-0" Avg.	4'-4" to 9'-8"
WH4	4	#6	BNT	5'-0"	
WH5	4	#6	STR	8'-8"	
WT1	14	#6	BNT	7'-1"	
WV1	16	#4	STR	6'-9"	
WV2	32	#4	STR	4'-6" Avg.	2'-9" to 6'-3"

BAR LIST (ONE ABUTMENT) TYPE B or C					
MARK	NO.	SIZE	FORM	LENGTH	VARIANCE
BH1	9	#7	STR	34'-8"	
BH2	6	#4	STR	34'-8"	
BH3	15	#4	STR	2'-2"	
BV1	72	#5	STR	3'-0"	
D1	25	3/4" Dia.	STR	2'-0"	
S1	36	#4	BNT	9'-5"	
SR5	82	#4	STR	3'-7"	
WH1	34	#6	STR	10'-8"	
WH2	16	#6	STR	6'-7" Avg.	3'-6" to 9'-8"
WH3	8	#6	STR	7'-0" Avg.	4'-4" to 9'-8"
WH4	4	#6	BNT	5'-0"	
WH5	4	#6	STR	8'-8"	
WT1	14	#6	BNT	7'-1"	
WV1	16	#4	STR	7'-5"	
WV2	32	#4	STR	5'-2" Avg.	3'-5" to 6'-11"

BAR LIST (ONE ABUTMENT) TYPE D or E					
MARK	NO.	SIZE	FORM	LENGTH	VARIANCE
BH1	9	#7	STR	33'-3"	
BH2	6	#4	STR	33'-3"	
BH3	15	#4	STR	2'-2"	
BV1	70	#5	STR	3'-0"	
D1	23	3/4" Dia.	STR	2'-0"	
S1	35	#4	BNT	9'-5"	
SR5	82	#4	STR	3'-7"	
WH1	34	#6	STR	10'-8"	
WH2	16	#6	STR	6'-7" Avg.	3'-6" to 9'-8"
WH3	8	#6	STR	7'-0" Avg.	4'-4" to 9'-8"
WH4	4	#6	BNT	5'-0"	
WH5	4	#6	STR	8'-8"	
WT1	14	#6	BNT	7'-1"	
WV1	16	#4	STR	7'-5"	
WV2	32	#4	STR	5'-2" Avg.	3'-5" to 6'-11"

① Smooth dowels with metal expansion cap.

QUANTITIES - ONE ABUTMENT				
ITEM	UNIT	TYPE A	TYPE B or C	TYPE D or E
Unclassified Backfill	C.Y.	20.0	25.0	24.0
Substructure Excavation Common	C.Y.	33.0	33.0	33.0
Concrete Rail	L.F.	22.0	22.0	22.0
Class A Concrete	C.Y.	15.7	16.2	15.7
Reinforcing Steel	LB.	2580.0	2700.0	2680.0

APPROVED BY BRIDGE ENGINEER:

DATE:

OKLAHOMA DEPT. OF TRANSPORTATION
COUNTY BRIDGE STANDARD (ENGLISH)
DETAILS OF ABUTMENT FOR DOUBLE TEES
SKEWED 0° - 32°-0" NOMINAL ROADWAY