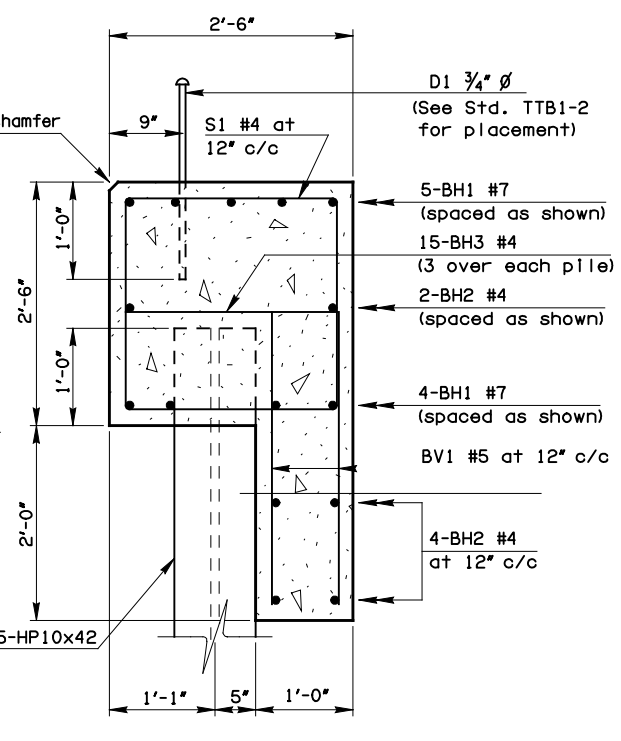
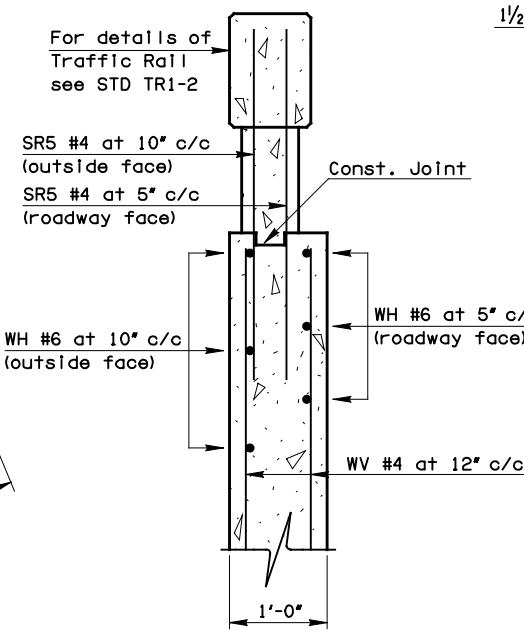


Note: WT Bars shall be in place before bridge seat is poured.



BAR LIST (ONE ABUTMENT) TYPE A

MARK	NO.	SIZE	SHAPE	LENGTH
BH1	9	#7	Str.	40'-1"
BH2	6	#4	Str.	40'-1"
BH3	15	#4	Str.	2'-2"
BV1	82	#5	Str.	3'-0"
D1	25	3/4" ø	Str.	2'-0"
S1	41	#4	Bnt.	9'-5"
SR5	102	#4	Str.	3'-7"
WH1	22	#6	Str.	13'-8"
WH2	16	#6	Str.	9'-0" Avg.
WH3	8	#6	Str.	9'-4" Avg.
WH4	4	#6	Bnt..	6'-3"
WH5	4	#6	Str.	10'-6"
WT1	7	#6	Bnt.	7'-3"
WT2	7	#6	Bnt.	9'-4"
WV1	20	#4	Str.	6'-8"
WV2	40	#4	Str.	4'-4" Avg.

BAR LIST (ONE ABUTMENT) TYPE B or C

MARK	NO.	SIZE	SHAPE	LENGTH
BH1	9	#7	Str.	40'-1"
BH2	6	#4	Str.	40'-1"
BH3	15	#4	Str.	2'-2"
BV1	82	#5	Str.	3'-0"
D1	25	3/4" ø	Str.	2'-0"
S1	41	#4	Bnt.	9'-5"
SR5	102	#4	Str.	3'-7"
WH1	28	#6	Str.	13'-8"
WH2	16	#6	Str.	9'-0" Avg.
WH3	8	#6	Str.	9'-4" Avg.
WH4	4	#6	Bnt..	6'-3"
WH5	4	#6	Str.	10'-6"
WT1	7	#6	Bnt.	7'-3"
WT2	7	#6	Bnt.	9'-4"
WV1	20	#4	Str.	7'-4"
WV2	40	#4	Str.	5'-0" Avg.

BAR LIST (ONE ABUTMENT) TYPE D or E

MARK	NO.	SIZE	SHAPE	LENGTH
BH1	9	#7	Str.	38'-6"
BH2	6	#4	Str.	38'-6"
BH3	15	#4	Str.	2'-2"
BV1	80	#5	Str.	3'-0"
D1	23	3/4" ø	Str.	2'-0"
S1	40	#4	Bnt.	9'-5"
SR5	102	#4	Str.	3'-7"
WH1	28	#6	Str.	13'-8"
WH2	16	#6	Str.	9'-0" Avg.
WH3	8	#6	Str.	9'-4" Avg.
WH4	4	#6	Bnt..	6'-3"
WH5	4	#6	Str.	10'-6"
WT1	7	#6	Bnt.	7'-3"
WT2	7	#6	Bnt.	9'-4"
WV1	20	#4	Str.	7'-4"
WV2	40	#4	Str.	5'-0" Avg.

- ① Smooth dowels with metal expansion cap
- ② 5'-4" to 12'-8"
- ③ 6'-4" to 12'-4"
- ④ 2'-5" to 6'-3"
- ⑤ 3'-1" to 6'-11"

QUANTITIES - ONE ABUTMENT

ITEM	UNIT	Type A	Type B or C	Type D or E
Unclassified Backfill	C.Y.	33.0	44.0	42.0
Substructure Excavation Common	C.Y.	37.0	39.0	39.0
Concrete Rail	L.F.	28.0	28.0	28.0
Class A Concrete	C.Y.	19.1	19.9	19.4
Reinforcing Steel	LB.	3020	3170	3110

APPROVED BY BRIDGE ENGINEER: \_\_\_\_\_ DATE: \_\_\_\_\_

OKLAHOMA DEPT. OF TRANSPORTATION  
 COUNTY BRIDGE STANDARD ( ENGLISH )  
 DETAILS OF ABUTMENT FOR DOUBLE TEES  
 Skewed 30° - 52'-0" Nominal Roadway