

SUPERSTRUCTURE QUANTITIES PER SPAN

SPAN	ABUTMENT TO FIXED PIER						ABUTMENT TO EXPANSION PIER													
	PRESTRESSED CONCRETE BEAMS (TYPE BT-72) (L.F.)	CONCRETE RAIL (TR4) (L.F.)	STRUCTURAL STEEL (LB.)	CLASS AA CONCRETE (C.Y.)	EPOXY COATED REINFORCING STEEL (LB.)		WATER REPELLENT (VISUALLY INSPECTED) (S.Y.)		(PL) FIXED BEARING ASSEMBLY (EACH)	FIXED OR EXPANSION BEARING ASSEMBLY (EACH)	PRESTRESSED CONCRETE BEAMS (TYPE BT-72) (L.F.)	CONCRETE RAIL (TR4) (L.F.)	STRUCTURAL STEEL (LB.)	CLASS AA CONCRETE (C.Y.)	EPOXY COATED REINFORCING STEEL (LB.)		WATER REPELLENT (VISUALLY INSPECTED) (S.Y.)		(PL) FIXED BEARING ASSEMBLY (EACH)	(PL) EXPANSION BEARING ASSEMBLY (EACH)
					TR4 W/ OPENINGS	TR4 W/O OPENINGS	TR4 W/ OPENINGS	TR4 W/O OPENINGS							TR4 W/ OPENINGS	TR4 W/O OPENINGS	TR4 W/ OPENINGS	TR4 W/O OPENINGS		
95'	379	191.7	1,200	136.1	26,150	27,050	377	371	4	379	191.5	1,200	136.0	26,270	27,080	377	371	4	4	
100'	399	201.7	1,200	142.3	27,390	28,270	396	390	4	399	201.5	1,200	142.2	27,380	28,300	397	390	4	4	
105'	419	211.7	1,200	148.4	28,500	29,500	417	410	4	419	211.5	1,200	148.3	28,620	29,530	416	410	4	4	
110'	439	221.7	1,200	154.6	29,820	30,800	436	429	4	439	221.5	1,200	154.4	29,730	30,750	436	429	4	4	

SUPERSTRUCTURE QUANTITIES PER SPAN

SPAN	FIXED PIER TO FIXED PIER						FIXED PIER TO EXPANSION PIER												
	PRESTRESSED CONCRETE BEAMS (TYPE BT-72) (L.F.)	CONCRETE RAIL (TR4) (L.F.)	STRUCTURAL STEEL (LB.)	CLASS AA CONCRETE (C.Y.)	EPOXY COATED REINFORCING STEEL (LB.)		WATER REPELLENT (VISUALLY INSPECTED) (S.Y.)		FIXED OR EXPANSION BEARING ASSEMBLY (EACH)	PRESTRESSED CONCRETE BEAMS (TYPE BT-72) (L.F.)	CONCRETE RAIL (TR4) (L.F.)	STRUCTURAL STEEL (LB.)	CLASS AA CONCRETE (C.Y.)	EPOXY COATED REINFORCING STEEL (LB.)		WATER REPELLENT (VISUALLY INSPECTED) (S.Y.)		(PL) EXPANSION BEARING ASSEMBLY (EACH)	
					TR4 W/ OPENINGS	TR4 W/O OPENINGS	TR4 W/ OPENINGS	TR4 W/O OPENINGS						TR4 W/ OPENINGS	TR4 W/O OPENINGS	TR4 W/ OPENINGS	TR4 W/O OPENINGS		
95'	379	190.0	1,200	134.7	25,700	26,610	376	369	8	379	189.8	1,200	134.6	25,920	26,720	376	369	4	4
100'	399	200.0	1,200	140.8	26,950	27,840	395	389	8	399	199.8	1,200	140.7	27,030	27,950	396	389	4	4
105'	419	210.0	1,200	147.0	28,050	29,060	416	408	8	419	209.8	1,200	146.8	28,260	29,170	415	408	4	4
110'	439	220.0	1,200	153.1	29,380	30,370	435	428	8	439	219.8	1,200	153.0	29,460	30,480	435	428	4	4

SUPERSTRUCTURE QUANTITIES PER SPAN

SPAN	EXPANSION PIER TO EXPANSION PIER								
	PRESTRESSED CONCRETE BEAMS (TYPE BT-72) (L.F.)	CONCRETE RAIL (TR4) (L.F.)	STRUCTURAL STEEL (LB.)	CLASS AA CONCRETE (C.Y.)	EPOXY COATED REINFORCING STEEL (LB.)		WATER REPELLENT (VISUALLY INSPECTED) (S.Y.)		FIXED OR EXPANSION BEARING ASSEMBLY (EACH)
					TR4 W/ OPENINGS	TR4 W/O OPENINGS	TR4 W/ OPENINGS	TR4 W/O OPENINGS	
95'	379	189.7	1,200	134.4	25,900	26,760	376	369	8
100'	399	199.7	1,200	140.6	27,010	27,980	396	389	8
105'	419	209.7	1,200	146.7	28,240	29,210	415	408	8
110'	439	219.7	1,200	152.8	29,360	30,430	436	428	8

BEARING ASSEMBLY STRUCTURAL STEEL QUANTITIES PER SPAN

SPAN	FIXED BEARING TO EXPANSION BEARING		EXPANSION BEARING TO EXPANSION BEARING	
	FIXED BEARING ASSEMBLIES (LB.)	FIXED BEARING ASSEMBLIES (LB.)	EXPANSION BEARING ASSEMBLIES (LB.)	EXPANSION BEARING ASSEMBLIES (LB.)
95'	1,420	710	710	1,420
100'	1,440	720	720	1,440
105'	1,440	720	720	1,440
110'	1,460	730	730	1,460

CONSTRUCTION JOINT SEAL QUANTITIES

ITEM	UNIT	EACH FIXED PIER
(SP) SEALER CRACK PREPARATION	L.F.	40.8
(SP) SEALER RESIN	GAL.	0.5

SEALED EXPANSION JOINT QUANTITY PER EXPANSION JOINT

DESCRIPTION	UNIT	TR4 W/ OPENINGS	TR4 W/O OPENINGS
SEALED EXPANSION JOINT	L.F.	43.2	41.8

① Quantity includes provision for laps required in longitudinal reinforcing as follows:
 95' thru 105' Spans - 1 1/2 laps
 110' Span - 2 laps
 Laps account for adjacent span combinations and are approximate. Pay quantity will be as shown on the plans.

② Quantity includes provision for laps required in longitudinal reinforcing as follows:
 95' thru 110' Spans - 1 lap

③ Provide and install Bearing Assemblies of the size, shape and location as detailed in the plans. See schedule for estimated total of structural steel per span per Bearing Assembly type. Include all costs associated with providing and installing the Elastomeric Pads, Anchor Plates, Contact Plates, Contact Angles and Anchor Bolts, Nuts and Washers, including all material, labor, equipment and incidentals necessary to complete the work shown in the plans in the contract unit price of FIXED BEARING ASSEMBLIES or EXPANSION BEARING ASSEMBLIES as applicable.

APPROVED BY BRIDGE ENGINEER *[Signature]* DATE 10-10-05

OKLAHOMA DEPT. OF TRANSPORTATION
 BRIDGE STANDARD (ENGLISH)
SUPERSTRUCTURE QUANTITIES
TYPE BT-72 P.C. BEAMS
CONVENTIONAL