

SUPERSTRUCTURE QUANTITIES PER SPAN

SPAN	ABUTMENT TO FIXED PIER					ABUTMENT TO EXPANSION PIER												
	PRESTRESSED CONCRETE BEAMS (TYPE J) (L.F.)	CONCRETE RAIL (TR4) (L.F.)	STRUCTURAL STEEL (LB.)	CLASS AA CONCRETE (C.Y.)	EPOXY COATED REINFORCING STEEL (LB.)	WATER REPELLENT (VISUALLY INSPECTED)		FIXED OR EXPANSION BEARING ASSEMBLY (EACH)	PRESTRESSED CONCRETE BEAMS (TYPE J) (L.F.)	CONCRETE RAIL (TR4) (L.F.)	STRUCTURAL STEEL (LB.)	CLASS AA CONCRETE (C.Y.)	EPOXY COATED REINFORCING STEEL (LB.)		WATER REPELLENT (VISUALLY INSPECTED)		(PL) FIXED BEARING ASSEMBLY (EACH)	(PL) EXPANSION BEARING ASSEMBLY (EACH)
						TR4 W/O OPENINGS	TR4 W/ OPENINGS						TR4 W/O OPENINGS	TR4 W/ OPENINGS	TR4 W/O OPENINGS	TR4 W/ OPENINGS		
95'	379	191.7	1,200	136.1	26,150	27,050	387	381	379	191.5	1,200	136.0	26,270	27,080	387	381	4	4
100'	399	201.7	1,200	142.3	27,390	28,270	407	401	399	201.5	1,200	142.2	27,380	28,300	407	401	4	4
105'	419	211.7	1,200	148.4	28,500	29,500	428	421	419	211.5	1,200	148.3	28,620	29,530	427	421	4	4
110'	439	221.7	1,200	154.5	29,820	30,800	448	441	439	221.5	1,200	154.4	29,730	30,750	448	441	4	4
115'	459	231.7	1,200	160.7	30,930	32,030	469	461	459	231.5	1,200	160.6	30,970	31,980	468	461	4	4
120'	479	241.7	1,200	166.8	32,160	33,250	489	481	479	241.5	1,200	166.7	32,240	33,360	489	481	4	4
125'	499	251.7	1,200	173.0	33,280	34,480	508	501	499	251.5	1,200	172.8	33,470	34,590	509	501	4	4

SUPERSTRUCTURE QUANTITIES PER SPAN

SPAN	FIXED PIER TO FIXED PIER					FIXED PIER TO EXPANSION PIER												
	PRESTRESSED CONCRETE BEAMS (TYPE J) (L.F.)	CONCRETE RAIL (TR4) (L.F.)	STRUCTURAL STEEL (LB.)	CLASS AA CONCRETE (C.Y.)	EPOXY COATED REINFORCING STEEL (LB.)	WATER REPELLENT (VISUALLY INSPECTED)		FIXED OR EXPANSION BEARING ASSEMBLY (EACH)	PRESTRESSED CONCRETE BEAMS (TYPE J) (L.F.)	CONCRETE RAIL (TR4) (L.F.)	STRUCTURAL STEEL (LB.)	CLASS AA CONCRETE (C.Y.)	EPOXY COATED REINFORCING STEEL (LB.)		WATER REPELLENT (VISUALLY INSPECTED)		(PL) FIXED BEARING ASSEMBLY (EACH)	(PL) EXPANSION BEARING ASSEMBLY (EACH)
						TR4 W/O OPENINGS	TR4 W/ OPENINGS						TR4 W/O OPENINGS	TR4 W/ OPENINGS	TR4 W/O OPENINGS	TR4 W/ OPENINGS		
95'	379	190.0	1,200	134.7	25,700	26,610	386	380	379	189.8	1,200	134.6	25,920	26,720	386	380	4	4
100'	399	200.0	1,200	140.8	26,950	27,840	406	400	399	199.8	1,200	140.7	27,030	27,950	406	400	4	4
105'	419	210.0	1,200	147.0	28,050	29,060	427	420	419	209.8	1,200	146.8	28,260	29,170	426	420	4	4
110'	439	220.0	1,200	153.1	29,380	30,370	447	440	439	219.8	1,200	153.0	29,460	30,480	447	440	4	4
115'	459	230.0	1,200	159.2	30,480	31,590	468	460	459	229.8	1,200	159.1	30,690	31,700	467	460	4	4
120'	479	240.0	1,200	165.4	31,730	32,820	488	480	479	239.8	1,200	165.2	31,800	32,930	488	480	4	4
125'	499	250.0	1,200	171.5	32,820	34,040	508	500	499	249.8	1,200	171.4	33,040	34,150	508	500	4	4

SUPERSTRUCTURE QUANTITIES PER SPAN

SPAN	EXPANSION PIER TO EXPANSION PIER								
	PRESTRESSED CONCRETE BEAMS (TYPE J) (L.F.)	CONCRETE RAIL (TR4) (L.F.)	STRUCTURAL STEEL (LB.)	CLASS AA CONCRETE (C.Y.)	EPOXY COATED REINFORCING STEEL (LB.)	WATER REPELLENT (VISUALLY INSPECTED)		FIXED OR EXPANSION BEARING ASSEMBLY (EACH)	
						TR4 W/O OPENINGS	TR4 W/ OPENINGS		
95'	379	189.7	1,200	134.4	25,900	26,760	386	380	8
100'	399	199.7	1,200	140.6	27,010	27,980	407	400	8
105'	419	209.7	1,200	146.7	28,240	29,210	427	420	8
110'	439	219.7	1,200	152.8	29,360	30,430	447	440	8
115'	459	229.7	1,200	159.0	30,590	31,650	467	460	8
120'	479	239.7	1,200	165.1	31,860	33,040	488	480	8
125'	499	249.7	1,200	171.2	33,100	34,260	508	500	8

BEARING ASSEMBLY STRUCTURAL STEEL QUANTITIES PER SPAN			
SPAN	FIXED BEARING TO FIXED BEARING	FIXED BEARING TO EXPANSION BEARING	EXPANSION BEARING TO EXPANSION BEARING
	FIXED BEARING ASSEMBLIES (LB.)	FIXED BEARING ASSEMBLIES (LB.)	EXPANSION BEARING ASSEMBLIES (LB.)
95'	1,540	770	1,540
100'	1,560	780	1,560
105'	1,560	780	1,560
110'	1,560	780	1,560
115'	1,580	790	1,580
120'	1,580	790	1,580
125'	1,600	800	1,600

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/O OPENINGS
SEALED EXPANSION JOINT	L.F.	43.2
		41.8

- Quantity includes provision for laps required in longitudinal reinforcing as follows:
95' thru 105' Spans - 1 1/2 laps
110' thru 125' Spans - 2 laps
Laps account for adjacent span combinations and are approximate. Pay quantity will be as shown on the plans.
- Quantity includes provision for laps required in longitudinal reinforcing as follows:
95' thru 115' Spans - 1 lap
120' and 125' Spans - 2 laps
- 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.