① Quantity includes provision for laps required in longitudinal reinforcing as follows:
95' thru 115' Spans - 1 lap
120' and 125' Spans - 2 laps

② 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.

③ At abutments, provide and install Fixed Bearing Assemblies of the size, shape and location as detailed in the plans. See schedule for estimated total of structural steel per span for the Fixed Bearing Assemblies. Include all costs associated with providing and installing the Anchor Plate and Anchor Bars, 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.

④ At all piers, provide and install Expansion Bearing Assemblies of the size, shape and location as detailed in the plans. See schedule for estimated total of structural steel per span for the Expansion Bearing Assemblies. Include all costs associated with providing and installing the Elastomeric Pads, Anchor Plates, Contact Plates, Anchor Bars 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 EXPANSION BEARING ASSEMBLIES.

⑤ Provide and install Elastomeric Pads between the top surface of the Beams and the bottom surface of the Deck Slab. The Elastomeric Pads are to be of the size and shape as detailed in the plans and located at each Beam end above the Piers. Include all costs associated with providing and installing the Elastomeric Pads above the Beams, including all material, labor, equipment, and incidentals necessary to complete the work as shown in the plans, in the contract unit price of ELASTOMERIC BEARING PADS.

SUPERSTRUCTURE QUANTITIES PER SPAN

SPAN	ABUTMENT TO ABUTMENT								
	PRESTRESSED CONCRETE BEAMS (TYPE J) (L.F.)	CONCRETE RAIL (TR4) (L.F.)	STRUCTURAL STEEL (LB.)	CLASS AA CONCRETE (C.Y.)	EPOXY COATED REINFORCING STEEL ① (LB.)		WATER REPELLENT (VISUALLY INSPECTED) (S.Y.)		(PL) FIXED BEARING ASSEMBLY (EACH) ③
					TR4 W/ OPENINGS	TR4 W/O OPENINGS	TR4 W/ OPENINGS	TR4 W/O OPENINGS	
95'	379	191.0	600	182.5	29,610	30,500	443	436	8
100'	399	201.0	600	188.6	30,840	31,720	463	456	8
105'	419	211.0	600	194.7	31,950	32,950	483	476	8
110'	439	221.0	600	200.9	33,190	34,170	503	496	8
115'	459	231.0	600	207.0	34,300	35,400	524	516	8
120'	479	241.0	600	213.1	35,690	36,780	544	536	8
125'	499	251.0	600	219.3	36,810	38,010	565	556	8

SUPERSTRUCTURE QUANTITIES PER SPAN

SPAN	ABUTMENT TO 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 ② (LB.)		WATER REPELLENT (VISUALLY INSPECTED) (S.Y.)		(PL) FIXED BEARING ASSEMBLY (EACH) ③	(PL) EXPANSION BEARING ASSEMBLY (EACH) ④	(PL) ELASTOMERIC BEARING PADS (EACH) ⑤
					TR4 W/ OPENINGS	TR4 W/O OPENINGS	TR4 W/ OPENINGS	TR4 W/O OPENINGS			
95'	379	190.5	900	157.5	28,820	29,610	414	408	4	4	4
100'	399	200.5	900	163.7	30,060	30,840	434	428	4	4	4
105'	419	210.5	900	169.8	31,170	32,060	455	448	4	4	4
110'	439	220.5	900	175.9	32,490	33,370	475	468	4	4	4
115'	459	230.5	900	182.1	33,600	34,590	496	488	4	4	4
120'	479	240.5	900	188.2	34,840	35,820	516	508	4	4	4
125'	499	250.5	900	194.3	35,940	37,040	537	528	4	4	4

SUPERSTRUCTURE QUANTITIES PER SPAN

SPAN	PIER TO 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 ② (LB.)		WATER REPELLENT (VISUALLY INSPECTED) (S.Y.)		(PL) EXPANSION BEARING ASSEMBLY (EACH) ④	(PL) ELASTOMERIC BEARING PADS (EACH) ⑤
					TR4 W/ OPENINGS	TR4 W/O OPENINGS	TR4 W/ OPENINGS	TR4 W/O OPENINGS		
95'	379	190.0	1,200	132.6	27,990	28,660	386	380	8	8
100'	399	200.0	1,200	138.7	29,110	29,890	406	400	8	8
105'	419	210.0	1,200	144.9	30,340	31,110	427	420	8	8
110'	439	220.0	1,200	151.0	31,530	32,420	447	440	8	8
115'	459	230.0	1,200	157.1	32,770	33,640	468	460	8	8
120'	479	240.0	1,200	163.3	33,880	34,870	488	480	8	8
125'	499	250.0	1,200	169.4	35,110	36,090	508	500	8	8

BEARING ASSEMBLY STRUCTURAL STEEL QUANTITIES PER SPAN

SPAN	ABUTMENT TO ABUTMENT	ABUTMENT TO PIER		PIER TO PIER
	FIXED BEARING ASSEMBLIES (LB.)	FIXED BEARING ASSEMBLIES (LB.)	EXPANSION BEARING ASSEMBLIES (LB.)	EXPANSION BEARING ASSEMBLIES (LB.)
95'	760	380	770	1,540
100'	760	380	780	1,560
105'	760	380	780	1,560
110'	760	380	780	1,560
115'	760	380	790	1,580
120'	760	380	790	1,580
125'	760	380	800	1,600

CONSTRUCTION JOINT SEAL QUANTITIES

ITEM	UNIT	EACH PIER
(SP) SEALER CRACK PREPARATION	L.F.	81.5
(SP) SEALER RESIN	GAL.	0.9

APPROVED BY BRIDGE ENGINEER  DATE 10-10-05

OKLAHOMA DEPT. OF TRANSPORTATION
BRIDGE STANDARD (ENGLISH)

SUPERSTRUCTURE QUANTITIES TYPE J P.C. BEAMS INTEGRAL

1999 SPECIFICATIONS	B40-I-SPR-QUAN-PCB-J	02E

B-211E