

SUMMARY OF DRAINAGE STRUCTURES

STR NO.	STATION	OFFSET	DESCRIPTION	DESIGN	FL IN/ FL GRATE	FL OUT	INLET (SMD-TYPE 1)	INLET (SMD-TYPE 1) ADD'L DEPTH*	STR. EXC.	REIN. STEEL	CLASS AA CONC.	REIN. CONC. PIPE 18" ROUND CL. III	REIN. CONC. PIPE 30" ROUND CL. III	PREFAB. CULVERT END SEC. 18" ROUND	PREFAB. CULVERT END SEC. 30" ROUND	TRENCH EXC.	STD. BEDDING MATERIAL CLASS "B"	STR. NO.
					FT.	FT.	611(G)	FT.				501(A)	511(A)	509(A)	613(A)	613(A)	613(L)	
					EA.	FT.	C.Y.	LBS.	C.Y.	L.F.	L.F.	EA.	EA.	C.Y.	C.Y.			
1	97+64.50	39.06' LT.	CONST. SMD TYPE 1 W/70 L.F. 18" RCP TO STR. 2	SMD-3,SPI-4, SPB-1, FHTCP-3	508.50	503.50	1	2.44	-	-	-	70	-	-	-	46	27.58	1
2	98+37.50	41.10' LT.	CONST. SMD TYPE 1 W/102 L.F. 18" RCP TO STR. 3	SMD-3,SPI-4, SPB-1, FHTCP-3	504.95	500.95	1	1.44	-	-	-	102	-	-	-	92	53.86	2
3	99+40.50	40.68' LT.	CONST. SMD TYPE 1 W/102 L.F. 18" RCP TO STR. 4	SMD-3,SPI-4, SPB-1, FHTCP-3	500.25	496.25	1	1.44	-	-	-	102	-	-	-	92	53.86	3
4	100+44.00	41.03' LT.	CONST. SMD TYPE 1 W/51 L.F. 18" RCP W/PCES	SMD-3,SPI-4, SPB-1, FHTCP-3, PCES-4	494.34	489.34	1	2.44	-	-	-	51	-	1	-	34	20.09	4
5	101+92.58	ON CRL	EXTEND EXIST. 3' X 2' RCB 36 L.F. RT. W/HEADWALL	NOTE 1	472.69	465.89	-	-	4.71	2653	17.46	-	-	-	-	-	-	5
6	105+85.00	ON CRL	EXTEND EXIST. 18" RCP 68 L.F. RT. W/PCES	SPI-4, SPB-1, FHTCP-3, PCES-4	468.69	467.25	-	-	-	-	-	68	-	1	-	34	18.63	6
7	120+50.00	ON CRL	CONST. 96 L.F. 4' X 4' RCB W/HEADWALLS	NOTE 2	452.05	450.85	-	-	17.32	10581	82.56	-	-	-	-	-	-	7
8	136+46.00	ON CRL	EXTEND EXIST. 5' X 6' RCB 87 L.F. RT. W/HEADWALL (135 DEG.)	NOTE 3	447.84	446.50	-	-	25.15	12855	91.61	-	-	-	-	-	-	8
			AND 9 L.F. LT. W/HEADWALL		448.35	446.50												
9	143+44.58	ON CRL	EXTEND EXIST. 30" RCP 21 L.F. LT. W/PCES	SPI-4, SPB-1, FHTCP-3, PCES-4	450.00	448.81	-	-	-	-	-	-	21	-	1	19	9.95	9
TOTALS							4	7.76	47.18	26089	191.63	393	21	2	1	317	183.97	

NOTE 1 - RCB-C1-3&4&5(2-20), RCB-E1-H2-0-1, RCB-E1-H2-0-2, RCB-CW1-D4-0, SBI-4

*INCLUDED IN COST OF INLET

NOTE 2 - RCB-C1-3&4&5(2-20), RCB-E1-H4-0-1, RCB-E1-H4-0-2, RCB-CW1-D4-0, SBI-4

NOTE 3 - RCB2H-1-02E, RCB1-1-00E, RCB3-1-01E (1999 STDS.), SBI-4

SUMMARY OF SIGNS

SIGN NO.	APPROXIMATE LOCATION STATION AND OFFSET	SIGN DESIGNATION	2" SQ. TUBE 851(C)	2" SQ. TUBE 851(C)	POST SPACING FT.	REMOVAL OF EXISTING SIGNS 805(A)	SHEET ALUMINUM SIGNS 850(A)	REMARKS
			A (FT.)	B (FT.)		EA.	S.F.	
1	100+00.00, RT.	W8-13	11.92	-	-	-	6.25	
2	102+00.00, LT.	W3-5	12.92				9.00	
3	107+00.00, RT.	SPECIAL SIGN	10.75	-	-	-	6.00	
4	113+35.00, LT.	SPECIAL SIGN	10.75	-	-	-	6.00	
5	120+05.00, LT.	W8-13	11.92	-	-	-	6.25	
6	129+66.50, LT.	R1-1	11.75	-	-	-	5.18	
7	133+00.00, RT.	W1-2(R)	11.92	-	-	-	6.25	
8	140+00.00, LT.	W1-2(L)	11.92	-	-	-	6.25	
9-17	VARIES	VARIES	-	-	-	8	-	
TOTALS			93.83	0.0	-	8	51.18	

DESIGN	KS		OKLAHOMA DEPARTMENT OF TRANSPORTATION POE & ASSOCIATES SUMMARY OF QUANTITIES
DRAWN	KS		
CHECKED	BW		
APPROVED	RA		
SQUAD			