

FED. ROAD DIST. NO.	STATE	STATE JOB NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	OKLA	17020(05)		12	

DESCRIPTION	REVISIONS	DATE
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SUMMARY OF DRAINAGE STRUCTURES

STR. NO.	P & P SHT. NO.	ALIGN.	STATION	OFFSET	DESCRIPTION	DESIGN	TOP OF RIM, GRATE, OR CURB	SIDE DRAIN AND CROSS DRAIN FLOWLINES		CULVERTS (REINFORCED CONCRETE BOXES)				JUNCTION BOXES		INLETS																
										UNCLASSIFIED EXCAVATION	STRUCTURAL EXCAVATION UNCLASSIFIED	CLASS AA CONCRETE	REINFORCING STEEL	CLASS A CONCRETE, SMALL STRUCTURES	JUNCTION BOXES	CURB INLETS					ADDITIONAL DEPTH IN CURB INLET			613(A)				613(A)		613(G)	613(L)	616(O)
																CY	CY	CY	LB	CY	CF	INLET CIDES. 2 (2B)	INLET CIDES. 2 (B-D)	INLET CIDES. 2 (2D)	INLET W/SMALL JCT. BOX, CI, DES.2(2B)	INLET CIDES. 3 (3D)	ADD'L DEPTH IN INLET CIDES. 2	ADD'L DEPTH IN INLET W/SJ, CI, DES.2(2B)	ADD'L DEPTH IN INLET CIDES. 3			
										18 IN CLASS III	18 IN CLASS IV	30 IN CLASS III	36 IN CLASS III	19"X30" RCHEP	24"X38" RCHEP															6" P.V.C. PIPE ROUND	24" X 38" PREFAB. CULVERT END SEC., ELLIPTICAL	6" 90 DEGREE FITTING
FT	FT	FT	CY	CY	CY	LB	CY	CF	EA	EA	EA	EA	EA	VF	VF	VF	LF	LF	LF	LF	LF	LF	LF	LF	EA	EA						
17	19	CHEST.	38+09.97	20.00' LT	CONST CURB INLET DES 2(B-D); STUB 41 LF 18" RCP INTO STR 18, 19	CH-1-2; SPI-4-0	1270.14	1266.80	1266.65																							
18, 19	19	CHEST.	38+09.97	20.00' RT	CONST CURB INLET DES 2(2B) W/ SMALL JCT BOX; STUB 220 LF 30" RCP INTO STR 15	SPECIAL C/C JCT BOX DETAILS C/C DESIGN 2 & 3C1-1-2; MJB-3-1; SPI-4-0	1270.14	1266.65	1265.66																							
20	20	CHEST.	44+22.92	17.48 LT	CONST CURB INLET DES 2(2D); STUB 32 LF 19"X30" RCHEP INTO STR 21	CH-1-2; SPI-4-0	1269.67	1266.60	1266.50																							
21	20	CHEST.	44+22.92	17.27' RT	CONST CURB INLET DES 2(2B) W/ SMALL JCT BOX; STUB 21 LF OF 24"X38" RCHEP INTO STR 21A	CH-1-2; MJB-3-1; SPI-4-0	1269.67	1266.40	1266.36																							
21A	20	CHEST.	44+22.92	38.75' RT	INSTALL CONC. HEADWALL ON 24"X38" RCHEP	DD-9 SHT. 2	-	1266.36	-					140.00	1.87																	
25A	22	CLEVE.	159+10.26	34.26' RT	6" PVC 90 DEGREE BEND ON EXIST. PIPE; STUB 44 LF 6" PVC INTO STR 25 (VERIFY EXIST. PIPE SIZE)	PUD-3-2; SPI-4-0	-	1269.37	1269.00																							
25, 26	22	CLEVE.	159+54.57	31.50' RT	CONST CURB INLET DES 3(3D) W/ 12LF OF 24"X38" RCHEP INTO 5'x5' JCT BOX; STUB 390 LF OF 24"X38" RCHEP INTO STR 28	CH-1-2; MJB-3-1; SPI-4-0	1269.88	1266.57	1266.41																							
27	22	CLEVE.	156+49.94	42.00' LT	CONST 11'X4' JCT BOX; STUB 347 LF OF 8'X3' RCB INTO STR 30	MJB-3-1; SBI-4-2; RCB-C1-8(2-14)-01E	1271.27	1265.20	1264.33	908.20	186.35	301.89	41,397.10	3.29	73.25																	
28	21	CLEVE.	155+55.01	16.74' RT	CONST 5'X5' JCT BOX; STUB 46 LF OF 24"X38" RCHEP INTO STR 28A	MJB-3-1; SPI-4-0	1270.70	1265.75	1265.68																							
28A	21	CLEVE.	155+55.01	62.71' RT	INSTALL CONC. ENDWALL ON 24"X38"RCHEP	DD-9 SHT. 2	-	1265.68	-					140.00	1.87																	
29	21	CLEVE.	153+00.00	26.72' LT	CONST CURB INLET DES 2(B-D); STUB 7 LF OF 18" RCP INTO STR 30	CH-1-2; SPI-4-0	1269.29	1265.60	1265.51																							
30	21	CLEVE.	153+00.00	37.56' LT	CONST 11'X4' JCT BOX; STUB 235 LF OF 8'X3' RCB INTO EAST/WEST 8'X3' RCB (P-33)	MJB-3-1; SBI-4-2; RCB-C1-8(2-14)-01E	1269.97	1264.23	1263.64	615.06	126.20	204.45	28,035.50	3.29	58.04																	
31N	21	CLEVE.	152+13.00	62.00' RT	INSTALL CONC. HEADWALL ON 36" RCP; STUB 23 LF OF 36" RCP INTO STR 31S	DD-4 SHT. 2; SPI-4-0	-	1265.01	1264.98																							
31S	21	CLEVE.	151+90.50	62.47' RT	INSTALL CONC. HEADWALL ON 36" RCP	DD-4 SHT. 2	-	1264.98	-																							
32	21	CLEVE.	153+00.00	26.72' RT	CONST CURB INLET DES 2(2B); STUB 24 LF OF 18" RCP INTO STR 32A	CH-1-2; SPI-4-0	1269.29	1265.78	1265.30																							
32A	21	CLEVE.	153+00.00	51.50' RT	INSTALL CONC. HEADWALL ON 18" RCP	DD-4 SHT. 2	-	1265.30	-					14.00	0.77																	
33E	21	CLEVE.	150+60.00	47.72' RT	CONST 8'X3' RCB END SECTION; STUB 107 LF OF 8'X3' RCB INTO STR 33W	RCB-E1-H3-0-1-01E; RCB-E1-H3-0-2-01E; RCB-C1-8(2-14)-01E	-	1264.57	1263.49	435.78	73.31	103.19	14,455.10																			
33W	21	CLEVE.	150+60.00	59.19' LT	CONST 8'X3' RCB END SECTION	RCB-E1-H3-0-1-01E; RCB-E1-H3-0-2-01E;	-	1263.49	-					10.10	1,690.00																	
TOTAL										1,959.04	385.86	619.63	85,947.70	19.18	243.14	2	2	1	1	1	3.55	0.82	0.64	31	41	220	23	32	469	44	1	1

NOTE: EXERCISE CAUTION DURING CONSTRUCTION NEAR SHALLOW PIPES TO AVOID DAMAGE TO THE STORM PIPES/RCB

5/1/2017 11:27:32 AM - P:27712131-27712-13001\CAD\SHEETFILES\SUMMARY SHEET - DRAINAGE DWG - SCHUMACHER, MIKE

DESIGN	Tt
DRAWN	MJS
CHECKED	Tt
APPROVED	DNP
SQUAD	Tt

OKLAHOMA DEPARTMENT OF TRANSPORTATION	
SUMMARY OF DRAINAGE STRUCTURES	
STATE JOB NO. 17020(05)	SHEET NO. 12
CITY PROJECT R-1311A	
GARFIELD COUNTY	