

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

DESCRIPTION	REVISIONS	DATE

SUMMARY OF DRAINAGE STRUCTURES - US-270 TURN KEY

STR. NO	CRL	STATION	DESCRIPTION	DESIGN STANDARDS	FLOWLINE ELEV.		TOP OF GRATE ELEV.	FILL HEIGHT FT.	EXCAVATION		CLASS AA CONCRETE 509(A)	REINF. STEEL 511(A) LBS.	REINFORCED CONCRETE PIPE 613(A)						CULVERT END TREATMENT 613(M) NON-GRATED						CET 613(M) Grated		PCES 613(L)		INLETS 611(G) SMD TYPE 2	SMD ADDED DEPTH FT.	TRENCH EXC. C.Y.	STD. BED. MAT'L C.Y.		
					IN	OUT			STRUCT. EXCAV. C.Y.	UNCL. EXCAV. C.Y.			RCP 18" ROUND L.F.	RCP 24" ROUND L.F.	RCP 30" ROUND L.F.	RCP 36" ROUND L.F.	RCP 29X45 ELLIP L.F.	RCP 22X13 ARCH L.F.	CET A4 EA.	CET BB4 EA.	CET CC4 EA.	CET A6 EA.	CET B6 EA.	CET C6 EA.	CET BB6 EA.	CET CC6 EA.	CET A6 EA.	CET D4 EA.					PCES 36" ROUND EA.	PCES 22"X13" ARCH EA.
1	US-270	112+45.00	CONST. 18" X 84' LG. RCP W/ CET 84' LG. LT.	SPI-4, FHTCP-3, CET4S-3, SPB-1	1915.12	1914.65							84							2										43	23			
2	US-270	122+30.00	CONST. 18" X 48' LG. RCP SD W/ CET 85' RT	SPI-4, FHTCP-3, CET4S-3, SPB-1	1907.85	1907.08							48										2											
3	US-270	129+85.00	CONST. 18" X 50' LG. RCP SD W/ CET 104.24' RT	SPI-4, FHTCP-3, CET4S-3, SPB-1	1896.96	1896.76							50							2														
4	US-270	134+49.00	CONST. 2-29"X45" X202' LG. ELLIP RCP W/ CET 100' LG. LT. & 102' LG. RT.	SPI-4, FHTCP-3, CET4D-3, SPB-1	1895.58	1894.98								404						2									759	267				
5	US-270	135+05.00	CONST. 18" X 92' LG. RCP 92' LG W/ CET 92' LG. LT.	SPI-4, FHTCP-3, CET4S-3, SPB-1	1898.83	1896.64							92				1			1									53	25				
6	US-270	135+43.00	CONST. 36" X 58' LG. RCP SD W/ CET 96.57' LT.	SPI-4, FHTCP-3, CET4S-3, SPB-1	1898.13	1897.67																		2										
7	US-270	152+00.00	CONST. 18" X 84' LG. RCP W/ CET 84' LG. LT.	SPI-4, FHTCP-3, CET4S-3, SPB-1	1900.95	1898.31							84				1			1									43	23				
8	US-270	161+70.00	CONST. 18" X 84' LG. RCP W/ CET 84' LG. LT.	SPI-4, FHTCP-3, CET4S-3, SPB-1	1885.54	1885.08							84							2									43	23				
9	US-270	169+37.00	CONST. 2-36"X 210' LG. RCP SKEW 20° RT. FWD. W/PCES 107' LT & 103' RT	SPI-4, FHTCP-3, PCES-4, SPB-1	1883.87	1883.25								420											4				812	282				
10	US-270	180+31.00	CONST. 18" X 86' LG. RCP W/ CET 86' LG. LT.	SPI-4, FHTCP-3, CET4S-3, SPB-1	1885.59	1884.70							86							2									47	24				
11	US-270	183+50.00	CONST. 2-30"X 194' LG. RCP W/ CET 98' LG. LT & 96' LG. RT	SPI-4, FHTCP-3, CET4S-3, SPB-1	1883.52	1882.95													1				1						558	165				
12	US-270	186+65.00	CONST. 24" X 42' LG. RCP SD W/ CET 92' RT.	SPI-4, FHTCP-3, CET4S-3, SPB-1	1888.09	1887.80								42							2													
13	US-270	190+34.00	CONST. 30" X 68' LG. RCP SD W/ CET 99' LT.	SPI-4, FHTCP-3, CET4S-3, SPB-1	1888.93	1888.60								68								2												
14	US-270	190+86.14	CONST. 24" X 72' LG. RCP SD W/ CET 92' RT	SPI-4, FHTCP-3, CET4S-3, SPB-1	1891.17	1890.66								72							2													
15	US-270	191+75.00	CONST. SMD TYPE 2 W/ 18" X 184' LG. RCP W/ CET 82' LG. RT. & 102' LG. LT.	SMD-3, SPI-4, FHTCP-3, CET4S-3, SPB-1	1890.41	1889.46	1892.98						102				1										1		98	40				
					1891.55	1890.41							82							1									70	32				
16	US-270	198+80.00	CONST. 24" X 48' LG. RCP SD W/ CET 92' RT.	SPI-4, FHTCP-3, CET4S-3, SPB-1	1896.56	1896.37								48							2													
17	US-270	208+75.00	CONST. 24" X 64' LG. RCP SD W/ CET 109.52' RT.	SPI-4, FHTCP-3, CET4S-3, SPB-1	1900.79	1900.33								64							2													
18	US-270	211+00.00	CONST. 24" X 38' LG. RCP SD W/ CET 92' LT.	SPI-4, FHTCP-3, CET4S-3, SPB-1	1905.36	1904.99								38							2													
19	US-270	213+56.59	CONST. 24" X 54' LG. RCP SD W/ CET 92' LT.	SPI-4, FHTCP-3, CET4S-3, SPB-1	1908.36	1907.57								54																				
20	US-270	214+50.00	CONST. SMD TYPE 2 W/ 18" X 106' LG. RCP W/ CET 106' LG. RT.	SMD-3, SPI-4, FHTCP-3, CET4S-3, SPB-1	1904.96	1903.92	1910.59						106				1			1							1	3	124	30				
21	US-270	242+61.00	EXT. EXIST. 3' X 3' X 176.50' RDWY. RCB 15' LG. RT.	RCB-C1-3 & 4 & 5 (2-20), RCB-E1-H3-D-1, RCB-E1-H3-D-2, RCB-CW1-D4-0, SBI-4	1890.27	1890.10		4.00	61	914	13.34	2151.90																						
22	US-270	169+50.00	CONST. 18" X 56' LG. RCP SD W/ CET 106.5' LT.	SPI-4, FHTCP-3, CET4S-3, SPB-1	1885.33	1884.14							56				2																	
23	US-270	251+25.00	CONST. 18" X 78' LG. RCP W/ CET 78' LG. RT.	SPI-4, FHTCP-3, CET4S-3, SPB-1	1905.39	1904.00							78							2									34	21				
24	US-270	264+80.19	EXT. EXIST. 2-24" X 92' LG. RCP 105' LG. RT. W/ CET	SPI-4, FHTCP-3, CET4S-3, SPB-1	1901.71	1900.65								212					1				1						131	80				
25	US-270	268+10.00	CONST. 18" X 90' LG. RCP W/ CET 90' LG. RT.	SPI-4, FHTCP-3, CET4S-3, SPB-1	1902.73	1901.32							90							2									41	25				
26	US-270	269+55.00	CONST. 24" X 72' LG. RCP SD W/ CET 92' RT.	SPI-4, FHTCP-3, CET4S-3, SPB-1	1900.61	1900.15								72							2													
27	NS234	15+40.00	CONST. 22" X 13" X 46' LG. ARCH RCP W/ PCES	SPI-4, FHTCP-3, PCES-4, SPB-1	1887.32	1886.55										46										2								
28	NS234	24+89.00	CONSTRUCT 18" X 55' LG. RCP SD 23' RT W/ CET	SPI-4, FHTCP-3, CET4S-3, SPB-1	1891.79	1891.47							55							2														
TOTALS									61	914	13	2,152	1,097	602	456	478	404	46	8	1	3	16	12	2	1	1	2	2	4	2	2	3	2,856	1,061

*FOR INFORMATION ONLY. COST TO BE INCLUDED IN BID PRICE FOR RESPECTIVE PIPE OR CLASS AA CONCRETE.

8/2/2017 Q:\60045046\CAD\Civil\Turn Key\17671 (34) Sum-Drainage.dgn

DESIGN	GC	
DRAWN	RM	
CHECKED	CC	
APPROVED	CS	
SQUAD	DEWBERRY	

SUMMARY SHEET

STATE JOB NO. 17671(34) SHEET NO. 9

DEWEY CO. US-270