

REVISIONS		
REV. NO.	DESCRIPTION	DATE

SUMMARY OF DRAINAGE STRUCTURES

STR. NO	P&P SHT. NO.	STATION	DESCRIPTION	DESIGN STANDARDS	FILL HEIGHT	TOP ELEV.	FLOWLINE ELEV.		REINFORCING CONCRETE PIPE				CGSP		CGSPA	CGSPA	MANHOLE (4' DIA.)	CDI		CET		PCES			
							IN	OUT	613(A)				613(B)		613(B)	613(B)		611(G)		613(M)		613(L)			
									24"	30"	36"	42"	18"	24"	21"x15"	28"x20"		DES. 2	DES. 4	TYPE A4	TYPE B4	24"	30"	36"	42"
							LF	LF	LF	LF	LF	LF	LF	LF	EA	EA		EA	EA	EA	EA	EA	EA	EA	EA
1	R011	106+00, 33' LT.	CONST. 24" CGSP SIDE DRAIN 52' LONG W/ CET	FHTCP-3, CET4S-3, SPI4										52							2				
2	R011	106+00, 27' RT.	CONST. 24" CGSP SIDE DRAIN 68' LONG W/ CET	FHTCP-3, CET4S-3, SPI5										68							2				
3	R011	108+41, 30' RT. & 32' LT.	CONST. 42" RCP CROSS DRAIN 62' LONG W/ PCES	FHTCP-3, PCES, SPI4			1411.79	1410.86																2	
4	R014	113+36, 27' LT.	CONST. 28"x20" CGSPA SIDE DRAIN 66' LONG W/ CET	FHTCP-3, CET4S-3, SPI5																					
5	R014	145+92, 26' LT.	CONST. 21"x15" CGSPA SIDE DRAIN 72' LONG W/ CET	FHTCP-3, CET4S-3, SPI5											72						2				
6	R014	150+36, 29' RT.	CONST. CDI RCP DES. 2 W/ 57' OF 24" RCP TO STR. 7	CDIP-1, FHTCP-3, SPI4			1471.70	1468.75	57									1							
7	R014	150+36, 28' LT.	CONST. 4' DIA. MH OVER EX. 24" CMP	FHTCP-3, SPI4, MJB-3			1472.00	1468.75	1460.58																
8	R014	152+52, 27' RT.	CONST. 18" CGSP SIDE DRAIN 100' LONG W/ CET	FHTCP-3, CET4S-3, SPI5										100							2				
9	R015	165+64, 38' RT.	CONST. 24" CGSP SIDE DRAIN 68' LONG W/ CET	FHTCP-3, CET4S-3, SPI5										68							2				
10	R015	166+42, 40' RT. & 35' LT.	CONST. 42" RCP CROSS DRAIN 75' LONG W/ PCES	FHTCP-3, PCES, SPI4			1447.00	1446.00																2	
11	R016	176+02, 24' RT.	CONST. 21"x15" CGSPA SIDE DRAIN 130' LONG W/ CET	FHTCP-3, CET4S-3, SPI5																	2				
12	R016	180+52, 24' RT. & 22' LT.	CONST. 30" RCP CROSS DRAIN 46' LONG W/ PCES	FHTCP-3, PCES, SPI4			1478.00	1478.50																2	
13	R017	198+50, 24' RT.	CONST. 18" CGSP SIDE DRAIN 50' LONG W/ CET	FHTCP-3, CET4S-3, SPI5																	2				
14	R017	203+60, 30' RT. & 37' LT.	CONST. 36" RCP CROSS DRAIN 67' LONG W/ PCES	FHTCP-3, PCES, SPI4			1473.50	1472.75																2	
15	R018	205+05, 29' RT.	CONST. 18" CGSP SIDE DRAIN 80' LONG W/ CET	FHTCP-3, CET4S-3, SPI5										80							2				
16	R018	206+49, 26' RT.	CONST. 18" CGSP SIDE DRAIN 48' LONG W/ CET	FHTCP-3, CET4S-3, SPI5										48							2				
17	R018	213+50, 33' RT. & 35' LT.	CONST. 42" RCP CROSS DRAIN 68' LONG W/ PCES	FHTCP-3, PCES, SPI4			1476.40	1475.55																2	
18	R019	227+94, 36' LT.	CONST. 24" CGSP SIDE DRAIN 104' LONG W/ CET	FHTCP-3, CET4S-3, SPI5										104											
19	R019	231+26, 27' RT.	CONST. 28"x20" CGSPA SIDE DRAIN 63' LONG W/ CET	FHTCP-3, CET4S-3, SPI5																				2	
20	R019	233+53, 40' LT.	CONST. 24" CGSP SIDE DRAIN 65' LONG W/ CET	FHTCP-3, CET4S-3, SPI5										65										2	
21	R020	241+53, 43' LT.	CONST. 24" CGSP SIDE DRAIN 56' LONG W/ CET	FHTCP-3, CET4S-3, SPI5										56										2	
22	R021	261+37, 26' RT.	CONST. 18" CGSP SIDE DRAIN 88' LONG W/ CET	FHTCP-3, CET4S-3, SPI5																	2				
23	R021	262+48, 26' LT.	CONST. 18" CGSP SIDE DRAIN 47' LONG W/ CET	FHTCP-3, CET4S-3, SPI5										88							2				
24	R021	264+00, 24' LT. & 24' RT.	CONST. 24" RCP CROSS DRAIN 48' LONG W/ PCES	FHTCP-3, PCES, SPI4			1545.00	1544.55						47										2	
25	R022	267+31, 24' LT.	CONST. 18" CGSP SIDE DRAIN 64' LONG W/ CET	FHTCP-3, CET4S-3, SPI5										64							2				
26	R022	277+25, 21' LT. & 22' RT.	CONST. 24" RCP CROSS DRAIN 43' LONG W/ PCES	FHTCP-3, PCES, SPI4			1543.30	1542.50																2	
27	R023	282+36, 27' RT.	CONST. 28"x20" CGSPA SIDE DRAIN 60' LONG W/ CET	FHTCP-3, CET4S-3, SPI5																				2	
28	R023	282+74, 26' LT.	CONST. 28"x20" CGSPA SIDE DRAIN 46' LONG W/ CET	FHTCP-3, CET4S-3, SPI5																				2	
29	R024	298+00, 26' RT.	CONST. 28"x20" CGSPA SIDE DRAIN 48' LONG W/ CET	FHTCP-3, CET4S-3, SPI5																				2	
30	R024	298+02, 27' LT.	CONST. 28"x20" CGSPA SIDE DRAIN 64' LONG W/ CET	FHTCP-3, CET4S-3, SPI5																				2	
31	R025	309+37, 38' LT. & 36' RT.	CONST. 36" RCP CROSS DRAIN 74' LONG W/ PCES RT. & CDI DES. 4 LT.	CDIP-1, FHTCP-3, SPI4, PCES-4			1512.08	1508.25	1507.85															1	
32	R025	313+50, 28' LT. & 57' RT.	CONST. 24" RCP CROSS DRAIN 85' LONG W/ PCES RT. & CDI DES. 2 LT.	CDIP-1, FHTCP-3, SPI4, PCES-4			1515.75	1503.00	1501.38															1	
33	R026	326+31, 27' RT.	CONST. 18" CGSP SIDE DRAIN 60' LONG W/ CET	FHTCP-3, CET4S-3, SPI5										60							2				
34	R026	327+21, 29' LT.	CONST. 24" CGSP SIDE DRAIN 80' LONG W/ CET	FHTCP-3, CET4S-3, SPI5																				2	
TOTAL									233	46	141	205	537	493	202	347	1	2	1	20	26	5	2	3	6

N:\AF45-CALUMET RD-CANADIAN COUNTY\DRAWINGS\SUMMARY SHEET 1.DWG 9/5/2017

DESIGN			CALUMET ROAD	CANADIAN CO.
DRAWN			OKLAHOMA DEPARTMENT OF TRANSPORTATION	
CHECKED			SUMMARY SHEET (2)	
APPROVED			STATE JOB NO. 27858(04)	SHEET NO. AR03
SQUAD	MKEC			