ESTIMATED DRAINAGE QUANTITIES

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

253 / 646

CUYAHOGA COUNTY
CUY.-71-17.83
CUY-176-12.76

3 / 54

CODE	SEWER PROFILE SHEET NO.	I-1 Cl. B-1 12"	Cl. B-1 M-6.6(b) or M-6.8(b) 12"	Cl. E-1 12"	Cl. F-4 12"	Cl. J-1 12"	Cl. B-1 15"	Cl. E-1 15"	Cl. J-1 15"	Cl. J-1 M-6.6(b) or M-6.8(b) 15"	Cl. J-1 M-6.6(d) 21"	Cl. J-1 M-6.4(d) 14 gage 27"	Cl. E-1 30"	Cl. E-1 M-6.6(d) 30"	Cl. J-1 30"	Cl. J-1 M-6.6(b) or M-6.8(b) 30"	Cl. J-1 M-6.6(c) 30"	Cl. E-1 M-106.66 84"	Cl. E-1 M-6.4(g) (5-3) gage 84"	Cl. E-1 M-6.4(g) Radius Type (5-3) gage 84"
		LIN. FT.																		
P-1	23					141														
P-2	23			118																
P-3	23					24														
P-4	23					60														
P-5	23					28														
P-6	23					37														
P-7	23				20															
P-8	24					61														
P-9	24			57																
P-10	23								52											
P-11	23														6					
P-12	23							93												
P-13	24															162				
P-14	24								63											
P-15	24								113											
P-16	25								87											
P-17	25								43											
P-18	25								43											
P-19	24						32													
P-20	24													127						
P-21	24								59											
P-22	25								149											
P-23	25						228													
P-24	25&26												500							
P-27	26					24														
P-30	26					5														
P-31	28			200																
P-32	27												193							
P-33	27							215												
P-34	27							16												
P-35	27															78				
P-37	27								50											
P-38	27			60																
P-39	28			120																
P-40	28	83																		
P-41	28		143																	
P-42	28			58																
P-43	28								40											
P-44	28											80								
P-45	28									111										
P-46	28									36										
P-47	29								73											
P-48	29			40																
P-49	29			53																
P-50	29			42																
P-51	29									55										
P-52	30&31																		272	27
P-53	31																	363		
P-54	32			150																
P-55	32										139									
P-56	29			14																
P-57	29		212																	
P-58	29			26																
P-59	29			24																
P-60	29																155			
TOTAL	(A)	83	355	962	20	380	260	324	772	202	139	80	693	127	6	240	155			
TOTAL	(B)																	363	272	27

CODE	SEWER PROFILE SHEET NO.	I-1 Cl. E-1 12"	Cl. B-1 15"	Cl. B-1 33"	Cl. F-4 15"	Cl. J-1 15"	Cl. J-1 M-6.6(b) or M-6.8(b) 15"	Cl. J-1 M-6.6(c) 15"	Cl. J-1 M-6.6(d) 15"	Cl. E-1 18"	Cl. B-1 M-6.6(b) 33"	Cl. E-1 33"	Cl. J-1 48"	Cl. J-1 M-6.6(b) 48"	Cl. J-1 M-6.6(b) 70° Radius 84"	Cl. B-1 M-6.6(d) under RR 33"	Cl. E-1 M-106.66 84"	Cl. J-1 84"	Cl. J-1 50' Radius 84"	Cl. J-1 M-6.6(b) 84"	I-5 Cl. F-4 22½° Bend 15"	Cl. F-4 45° Bend 15"
		LIN. FT.																			EACH	
P-61	29					37[A]																
P-62	29		14																			
P-63	32										46											
P-64	32											228										
P-65	32			30												69						
P-66	32					50[A]																
P-67	33						170															
P-68	33							125														
P-69	33					67[B]																
P-70	33						373															
P-71	33									118												
P-72	31&34																469					
P-73	34																			263		
P-74	34																	183	54			
P-75	34																			97		
P-76	34														22					29		
P-77	34													267								
P-78	46				67																	1
P-79	46					101[B]																
P-80	46					212[B]																
P-81	46					30[B]																
P-82	35												500									
P-83	35					30[B]																
P-84	35												130									
P-85	36				43				98												1	
P-86	36	26																				
P-87	36					44[B]																
P-88	36					30[B]																
TOTAL	(A)		14	30		87					46	228				69						
TOTAL	(B)	26			110	514	543	125	98	118			630	267	22		469	183	54	389	1	1

SCALE _____ HOWARD, NEEDLES, TAMMEN & BERGENDOFF
MADE JMO DATE 11-3-64
TRCD. RDJ DATE 11-4-64
CKD. RJT DATE 12-15-64
CONSULTING ENGINEERS
KANSAS CITY CLEVELAND NEW YORK

(A) PROJECT CUY.-176-12.76

(B) PROJECT CUY.-71-17.83

DRAINAGE PIPE QUANTITIES P-1 TO P-88