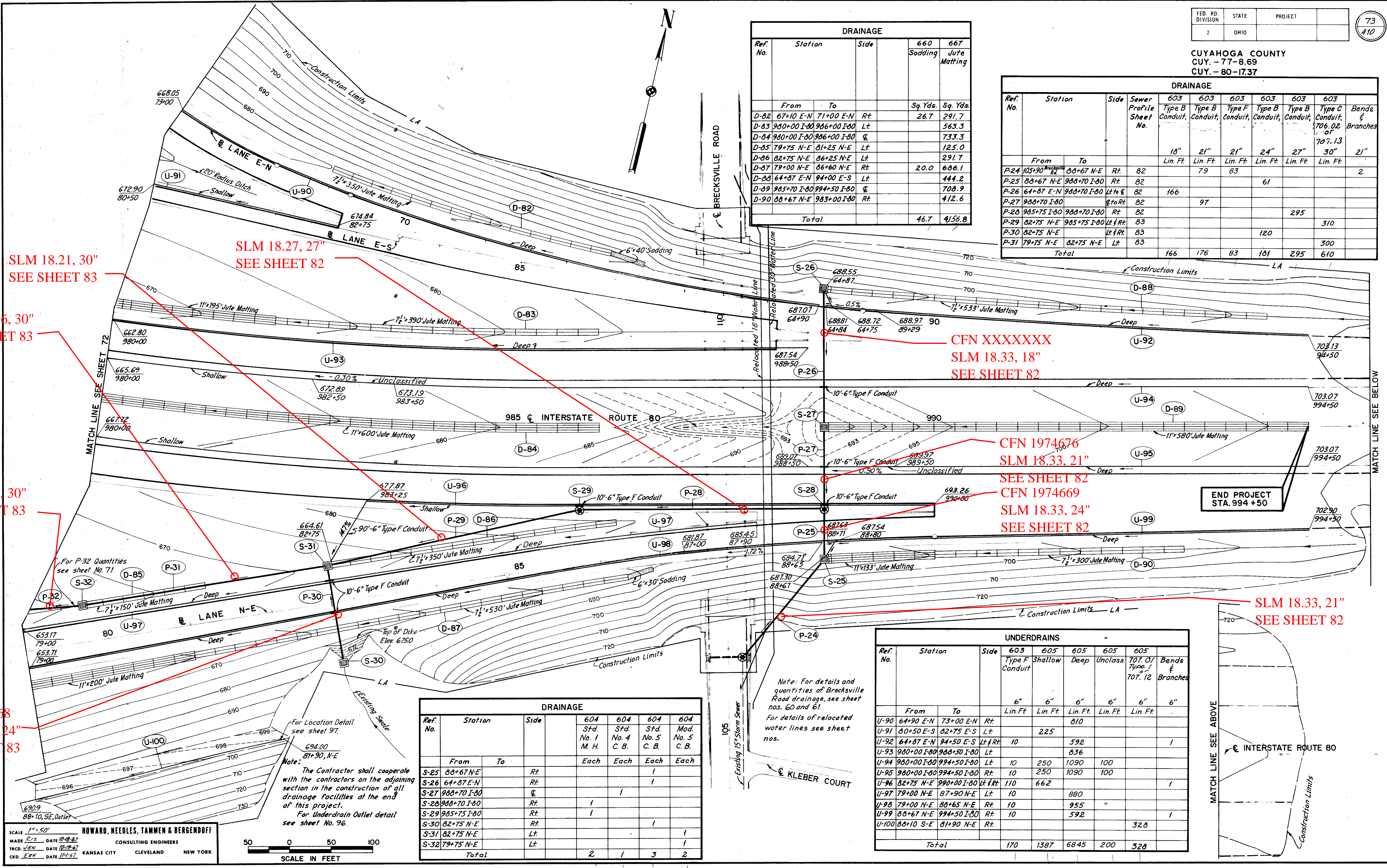


CUYAHOGA COUNTY
CUY. - 77-8.69
CUY. - 80-17.37

DRAINAGE						
Ref. No.	Station	Side		660	667	
				Sodding	Jute Matting	
	From	To	Rt.	Sq. Yds.	Sq. Yds.	
D-82	67+10 E-N	71+00 E-N	Rt.	26.7	291.7	
D-83	980+00 I-80	986+00 I-80	Lt.		563.3	
D-84	980+00 I-80	986+00 I-80	℄		733.3	
D-85	79+75 N-E	81+25 N-E	Lt.		125.0	
D-86	82+75 N-E	86+25 N-E	Lt.		291.7	
D-87	79+00 N-E	86+60 N-E	Rt.	20.0	606.1	
D-88	64+87 E-N	94+00 E-S	Lt.		444.2	
D-89	985+70 I-80	994+50 I-80	℄		708.9	
D-90	88+67 N-E	983+00 I-80	Rt.		412.6	
Total				46.7	4,568.8	

DRAINAGE										
Ref. No.	Station	Side	Sewer Profile Sheet No.	603	603	603	603	603	Bends & Branches	
				Type B Conduit	Type B Conduit	Type F Conduit	Type B Conduit	Type B Conduit		
	From	To		18"	21"	21"	24"	27"	30"	21"
				Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.	
P-24	105+90	88+67 N-E	Rt.	82						2
P-25	88+67 N-E	988+70 I-80	Rt.	82			61			
P-26	64+87 E-N	988+70 I-80	Lt. & Rt.	82	166					
P-27	988+70 I-80		Rt.	82	97					
P-28	985+75 I-80	988+70 I-80	Rt.	82				295		
P-29	82+75 N-E	985+75 I-80	Lt. & Rt.	83					310	
P-30	82+75 N-E		Lt. & Rt.	83				120		
P-31	79+75 N-E	82+75 N-E	Lt.	83					300	
Total				166	176	83	101	295	610	



SLM 18.21, 30"
SEE SHEET 83

SLM 18.27, 27"
SEE SHEET 82

SLM 18.15, 30"
SEE SHEET 83

CFN XXXXXXX
SLM 18.33, 18"
SEE SHEET 82

SLM 18.10, 30"
SEE SHEET 83

CFN 1974676
SLM 18.33, 21"
SEE SHEET 82
CFN 1974669
SLM 18.33, 24"
SEE SHEET 82

END PROJECT
STA. 994+50

CFN 1974668
SLM 18.21, 24"
SEE SHEET 83

SLM 18.33, 21"
SEE SHEET 82

DRAINAGE							
Ref. No.	Station	Side		604	604	604	604
				Std. No. 1 M. H.	Std. No. 4 C. B.	Std. No. 5 C. B.	Std. Mod. No. 5 C. B.
	From	To	Rt.	Each	Each	Each	Each
S-25	88+67 N-E		Rt.			1	
S-26	64+87 E-N		Rt.			1	
S-27	988+70 I-80		℄		1		
S-28	988+70 I-80		Rt.	1			
S-29	985+75 I-80		Rt.	1			
S-30	82+75 N-E		Rt.			1	
S-31	82+75 N-E		Lt.				1
S-32	79+75 N-E		Lt.				1
Total				2	1	3	2

UNDERDRAINS							
Ref. No.	Station	Side	Type F Conduit	603	605	605	605
				Type F Conduit	Shallow	Deep	Unclass
	From	To		6"	6"	6"	6"
				Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.
U-90	64+90 E-N	73+00 E-N	Rt.			810	
U-91	80+50 E-S	82+75 E-S	Lt.		225		
U-92	64+87 E-N	94+50 E-S	Lt. & Rt.	10		592	
U-93	980+00 I-80	988+50 I-80	Lt.			836	
U-94	980+00 I-80	994+50 I-80	Lt.	10	250	1090	100
U-95	980+00 I-80	994+50 I-80	Rt.	10	250	1090	100
U-96	82+75 N-E	990+00 I-80	Lt. & Rt.	110	662		
U-97	79+00 N-E	87+90 N-E	Lt.	10		880	
U-98	79+00 N-E	80+65 N-E	Rt.	10		955	
U-99	88+67 N-E	994+50 I-80	Rt.	10		592	
U-100	88+10 S-E	81+90 N-E	Rt.				328
Total				170	1387	6845	200
							328

SCALE 1"=50'
MADE R/T DATE 10-18-67
TRCD. JEN DATE 10-19-67
CKD. EKH DATE 11-1-67
HOWARD, NEEDLES, TAMMEN & BERGENDOFF
CONSULTING ENGINEERS
KANSAS CITY CLEVELAND NEW YORK

