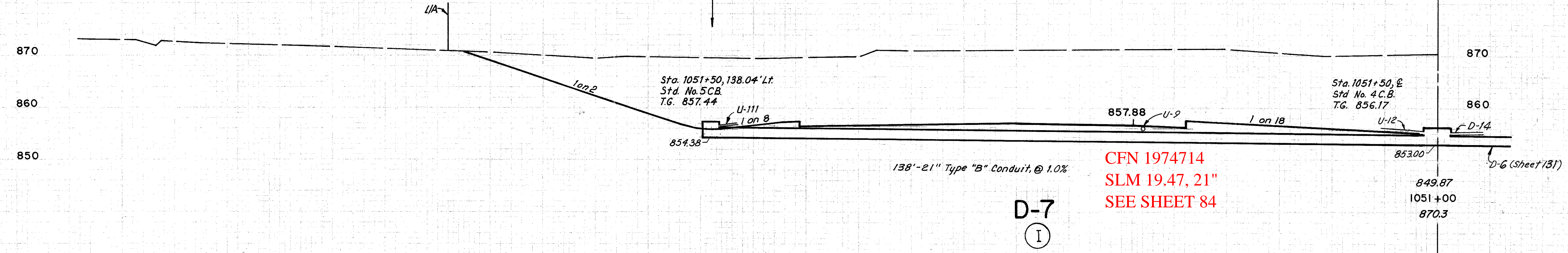


**QUANTITY CALC S**  
 Made by C.P.L. Date 4-21-70  
 Checked by K.A.N. Date 5-21-70

CUYAHOGA COUNTY  
 CUY-480-19.43

EARTHWORK			
END	AREA	VOLUME	
EXC.	EMB.	EXC.	EMB.

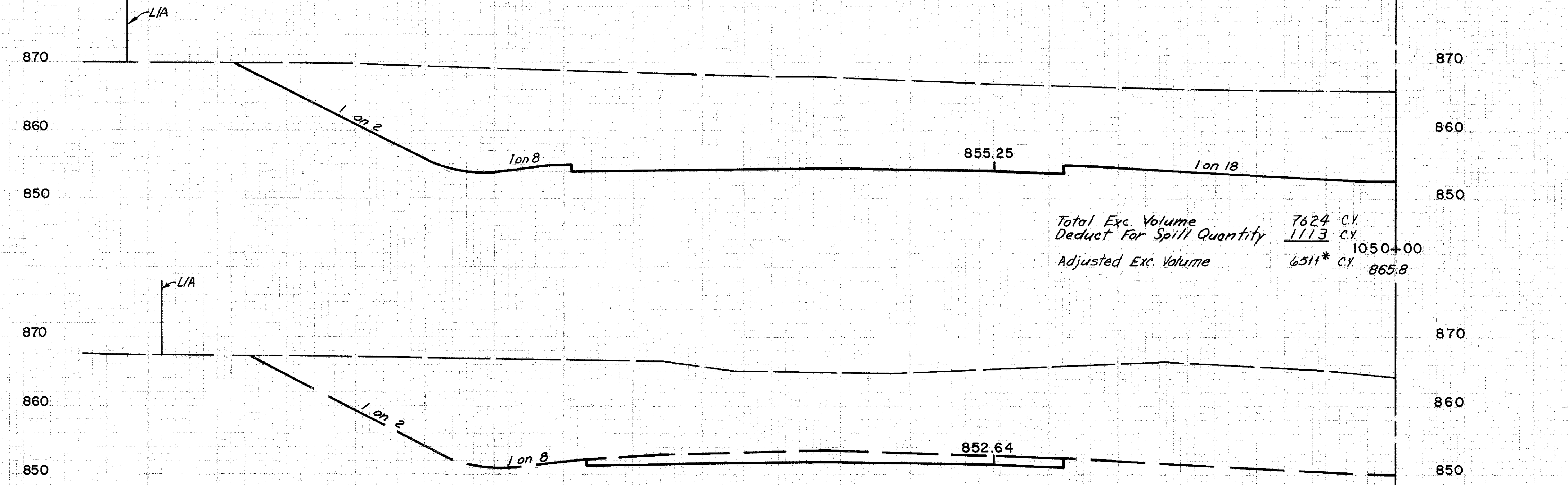


CFN 1974714  
 SLM 19.47, 21"  
 SEE SHEET 84

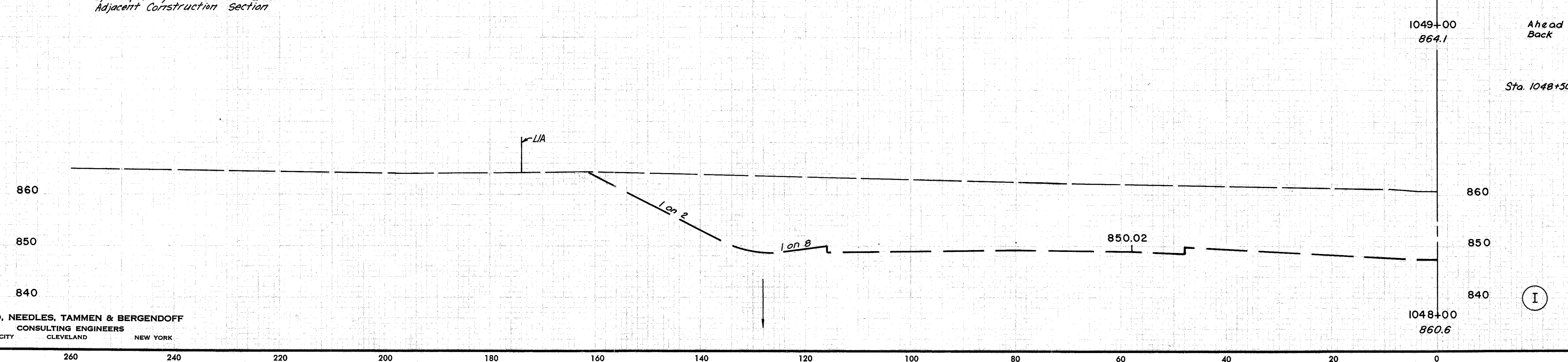
Sections Taken Parallel To I-480 @ Sta. 1049+00

DIST. FROM C	DIST. (FT.)	END AREA (SQ. FT.)	SUM OF END AREAS	VOLUME (CU. YDS.)
166		0		
	16		72	21
	150	1/2 (8 x 18)	309	143
	125	1/2 (15.3 x 31)	434	201
	100	1/2 (12.7 x 31)	373	173
	75	1/2 (11.7 x 30)	377	175
	50	1/2 (13.4 x 30)	426	197
	25	1/2 (15 x 30)	438	203
0		1/2 (14.2 x 30)		
Total for Spill Quantity				1113

Spill Quantity to be Built Under Adjacent Construction Section



Total Exc. Volume 7624 C.Y.  
 Deduct For Spill Quantity 1113 C.Y.  
 Adjusted Exc. Volume 6511\* C.Y. 865.8



1049+00	Ahead	2070	0	
864.1	Back	91	0	
				169 0
	Sta. 1048+50	91	0	

Sewer Profile  
 11-29-69  
 11-30-69  
 12-2-69  
 EPA  
 G.T.  
 RAE  
 Made  
 Checked  
 4-21-70  
 5-21-70  
 C.P.L.  
 K.A.N.