

QUANTITY CALC S

Made by K.A.V. Date 6-2-70
 Checked by R.E.M. Date 8-14-70

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

164
478

CUYAHOGA COUNTY
 CUY-480-19.43

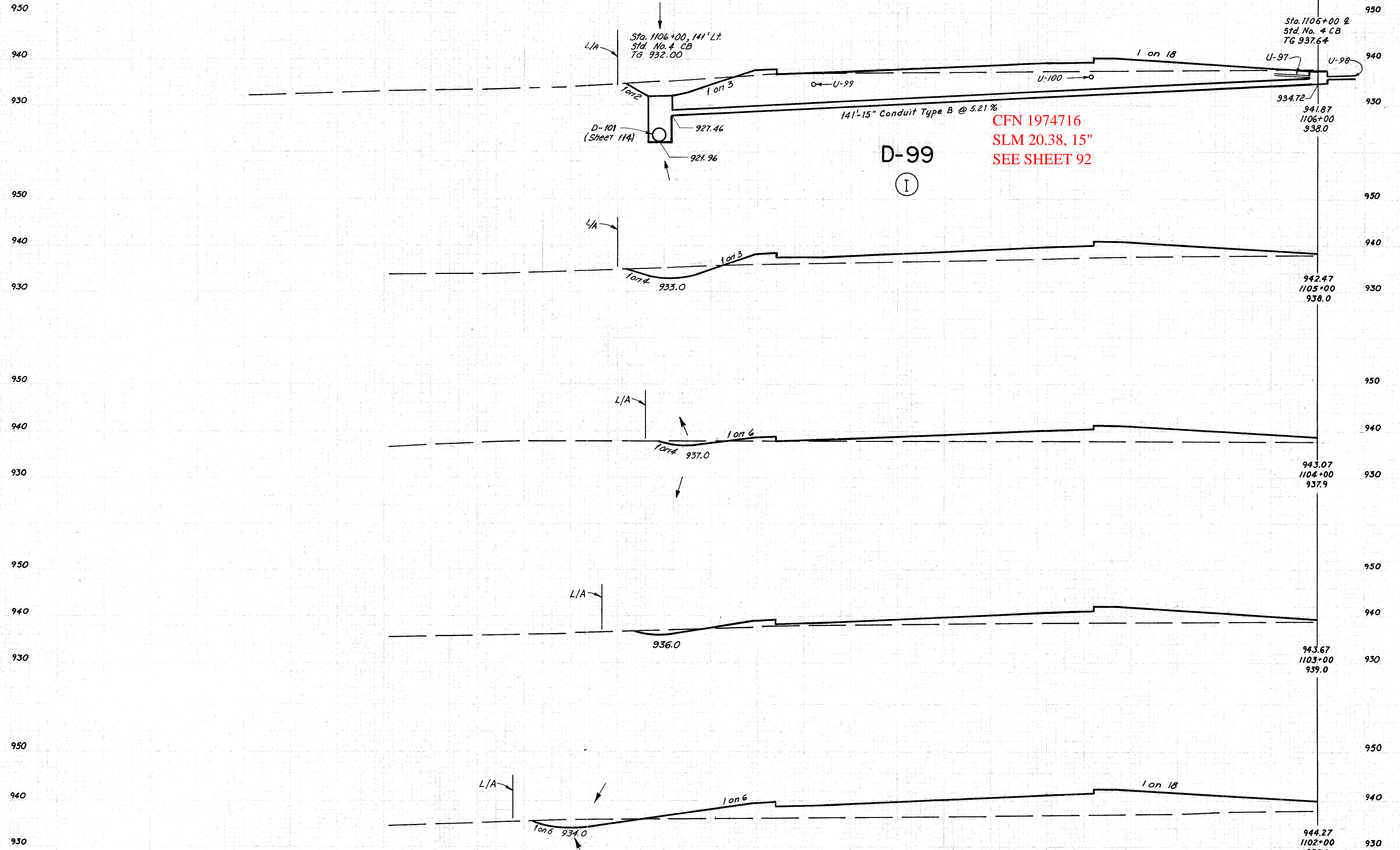
Sewer Profile
 Made
 Proposed

7-6-70
7-5-70
7-3-70

EPA
CFR
Part 401

6-2-70
6-17-70

K.A.V.
R.E.M.



CFN 1974716
 SLM 20.38, 15"
 SEE SHEET 92

EARTHWORK			
END	AREA	VOLUME	
EXC.	EMB.	EXC.	EMB.
46	148		
		150	754
35	259		
		80	861
8	206		
		30	770
8	210		
		67	1298
28	491		
		96	1787
24	474		

HOWARD, NEEDLES, TAMMEN & BERGENDOFF
 CONSULTING ENGINEERS
 KANSAS CITY CLEVELAND NEW YORK

D-99, INTERSTATE 480 STA. 1102+00 LEFT TO STA. 1106+00