SLM 9.71, 30"
SEE SHEET 269

SLM 9.71, 42"
SEE BELOW

old CFN 182710972
new CFN 1809967
SLM 9.71, 36"
SEE SHEET 269

SLM 9.71, 15"
SEE BELOW

old CFN 182710970
new CFN 1809968
SLM 9.71, 36"
SEE SHEET 269

SLM 9.71, 30"
SEE SHEET 269

old CFN 182710977
new CFN 18?????
SLM 9.77, 54"
SEE BELOW

SLM 9.83, 54"
SEE BELOW

SLM 9.89, 54"
SEE BELOW

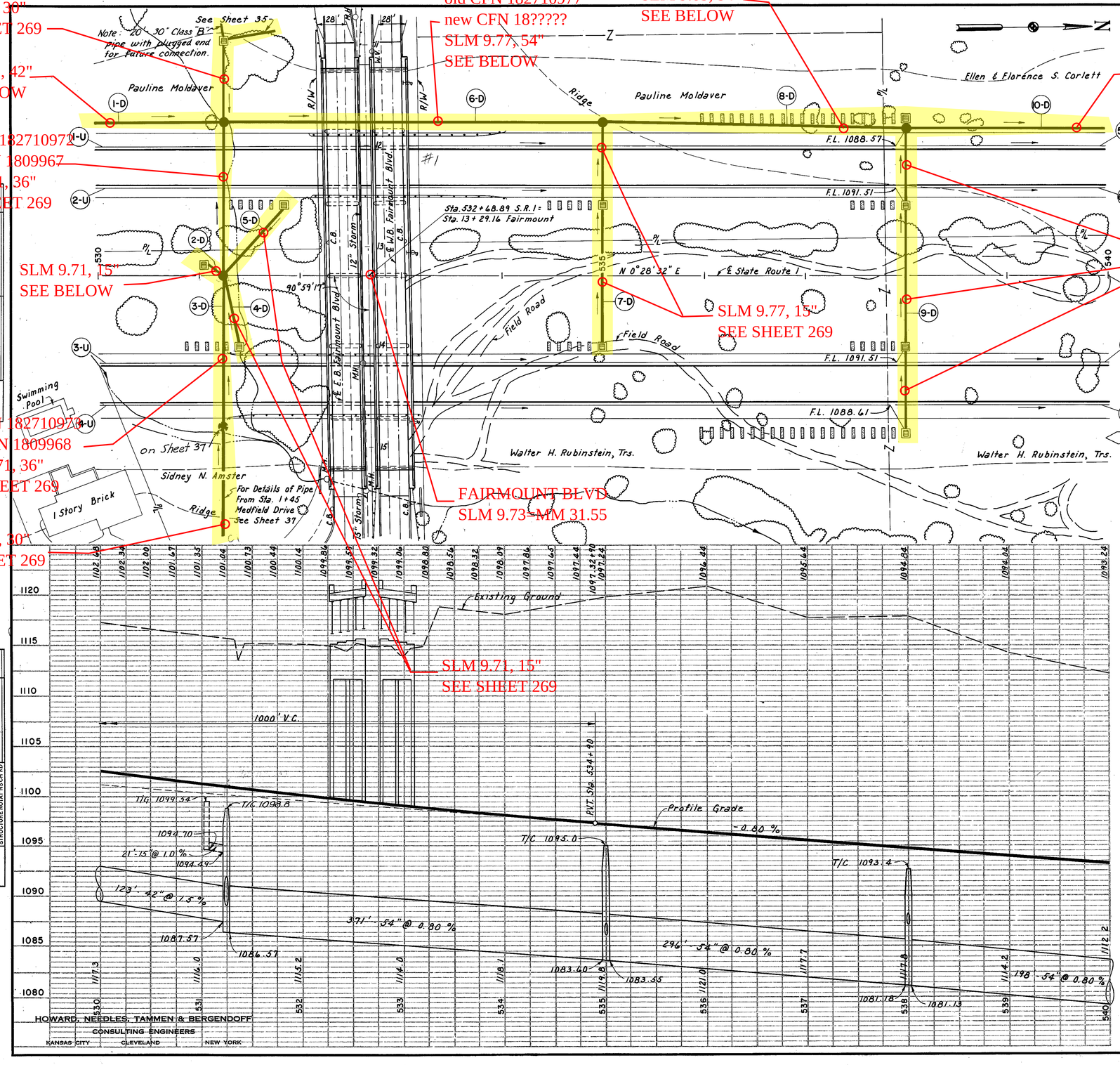
SLM 9.83, 18"
SEE SHEET 269

SLM 9.77, 15"
SEE SHEET 269

FAIRMOUNT BLVD
SLM 9.73-MM 31.55

SLM 9.71, 15"
SEE SHEET 269

SEE 1994 CUY-271-7.61 PLANS FOR MODIFICATIONS TO LATERAL STORM SEWERS



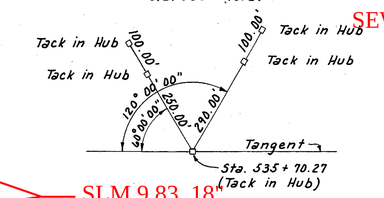
Note: Proposed typical section of adjoining pavement same as normal pavement section on sheet 4.

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

31/313

CUYAHOGA COUNTY
CUY-I-2.20

REFERENCE POINT
Sta. 535 + 70.27



BENCH MARK 141-B
Lag bolt and washer in N.E. root 24" Poplar 273' West of Sta. 531 + 47. 95' South of ℄ E.B. Fairmount Blvd.
Elev. 1126.21

END PROJECT
STA. 540 + 00
S.L.M. 5.28

Marker will be furnished and erected on the left by State forces prior to acceptance of this improvement.

I-271-6(7)251

PROPOSED STRUCTURES

TYPE: Continuous steel beam with reinforced concrete deck and substructure.
SPANS: 59'-0", 2@ 72'-0", 2@ 71'-0" & 51'-0"
ROADWAY: Twin 28.0' roadway with one 2'-2" safety curb and one 4'-2" sidewalk.
LOAD FREQUENCY: CF 400
SKEW: None
WEARING SURFACE: 1" Monolithic Concrete
APPROACH SLABS: AS-1-54 (25' long)
ALIGNMENT: Tangent

See Sheets 293-296

DRAINAGE

REF. NO.	STATION From	STATION To	SIDE	I-2 Cl. "B" St. Sew. 15"	I-2 Cl. "B" St. Sew. 30"	I-2 Cl. "B" St. Sew. 42"	I-2 Cl. "B" St. Sew. 54"	I-2 Cl. "B" St. Sew. Und. Pvt. 15"	I-2 Cl. "B" St. Sew. Und. Pvt. 18"	I-2 Cl. "B" St. Sew. Und. Pvt. 36"	I-2 Outlet Pipe M 6.4 (c) 30"	I-8 Std. No. 2-3 C.B. (Mod.)	I-8 Std. No. 5 C.B.	I-8 Std. No. 1 M.H.	I-8 Std. No. 2 M.H. W/O Drop	I-8 Std. No. 8 C.B.	L-10 Sodding
	Lin. Ft.											Each					Sq. Yds.
1-D	530+00	531+25	Lt.			•123											
2-D	531+05	531+25	℄	21											1		
3-D	531+25				•20					□298	80	1		1	1		
4-D	531+25	531+40	Rt.					•68					1				12
5-D	531+25	531+85	Lt.					•90					1				12
6-D	531+25	535+00	Lt.				371										
7-D	535+00							•220					2		1		24
8-D	535+00	538+00	Lt.				296										
9-D	538+00			7					×296				4		1		91
10-D	538+00	540+00	Lt.				198										
Total				28	•20	•123	865	•378	×296	□298	80	1	8	1	3	1	139
								•M-6.6 (b) M-6.8 (b)	•M-6.6 (b)								
								•M-6.5 (b) or M-6.8 (b)	×Sec. M-6.6 (b) or M-6.8 (b)	□Sec. M-6.6 (b) or M-6.8 (b)							

UNDERDRAINS

REF. NO.	STATION From	STATION To	SIDE	I-3 Outlet Pipe M6.4(a) 8"	I-4 Pipe Under Drains 6"	I-5 60° Bend 6"
	Lin. Ft.					Each
1-U*	530+00	538+00	Lt.	10	794	1
2-U	530+00	538+00	Lt.	10	794	1
3-U	530+00	538+00	Rt.	10	794	1
4-U*	530+00	538+00	Rt.	10	802	1
5-U*	537+95	540+00	Lt.		205	
6-U	537+95	540+00	Lt.		205	
7-U	537+95	540+00	Rt.		205	
8-U*	537+90	540+00	Rt.		210	
Total				40	4,009	4

* I-4 Underdrain (Deep)

GUARDRAIL

STATION From	STATION To	SIDE	I-15 Steel Beam Type (Deep) Lin. Ft.	Normal Participation	No Federal Funds
531+32.5	533+20	Rt.	187.5	112.5	75
531+32.5	533+20	Rt.	187.5	112.5	75
532+15	534+02.5	Lt.	187.5	112.5	75
532+15	534+02.5	Lt.	187.5	112.5	75
Total			750	450	300

Typical section of adjoining pavement same as shown on Sheet 4.

Note: Earthwork includes slope at end of project.

Rev. 9-6-61

For Sewer Profiles See Sheet 269

Excavation	269,058	Cu. Yds.
Embankment	0	Cu. Yds.
Embankment + 18 %	0	Cu. Yds.

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

STA. 530 + 00 TO STA. 540 + 00