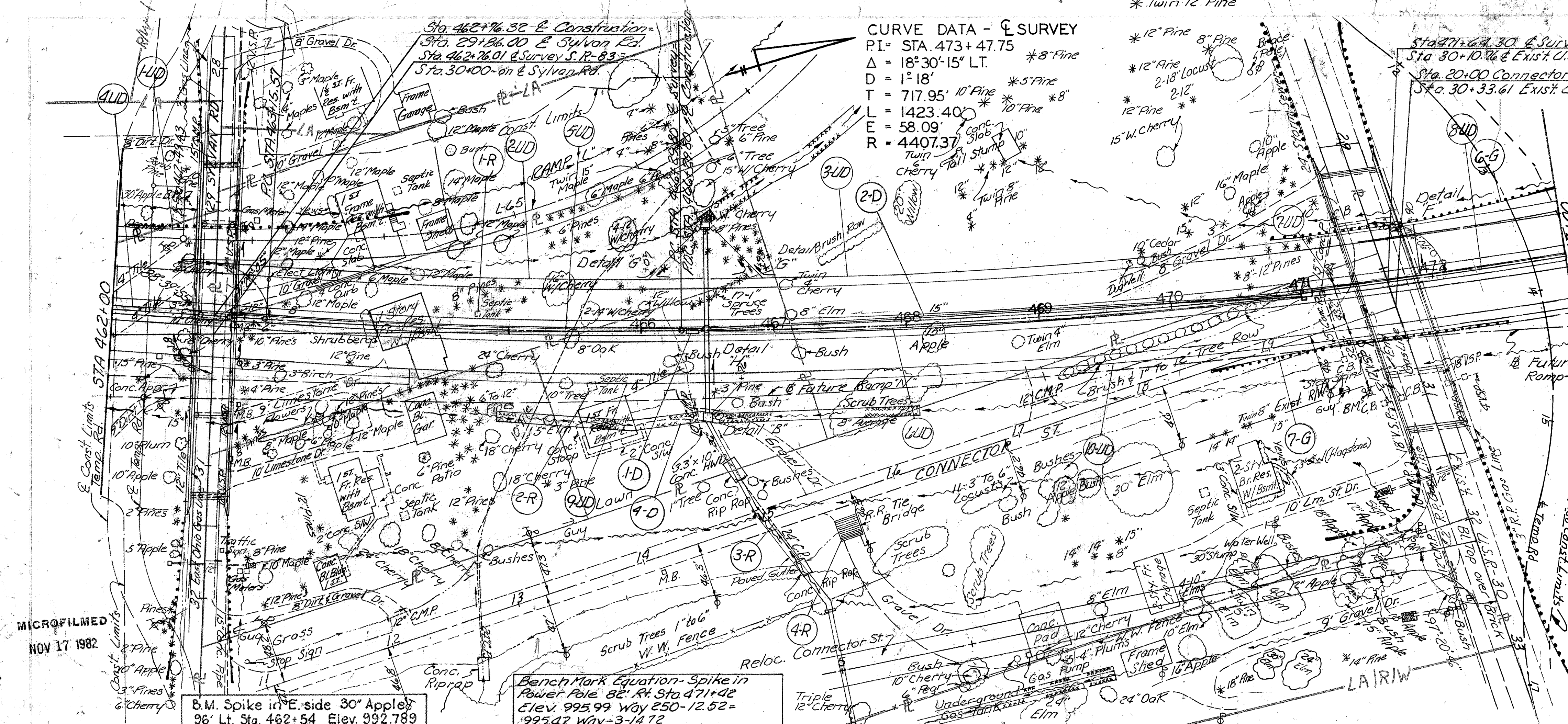




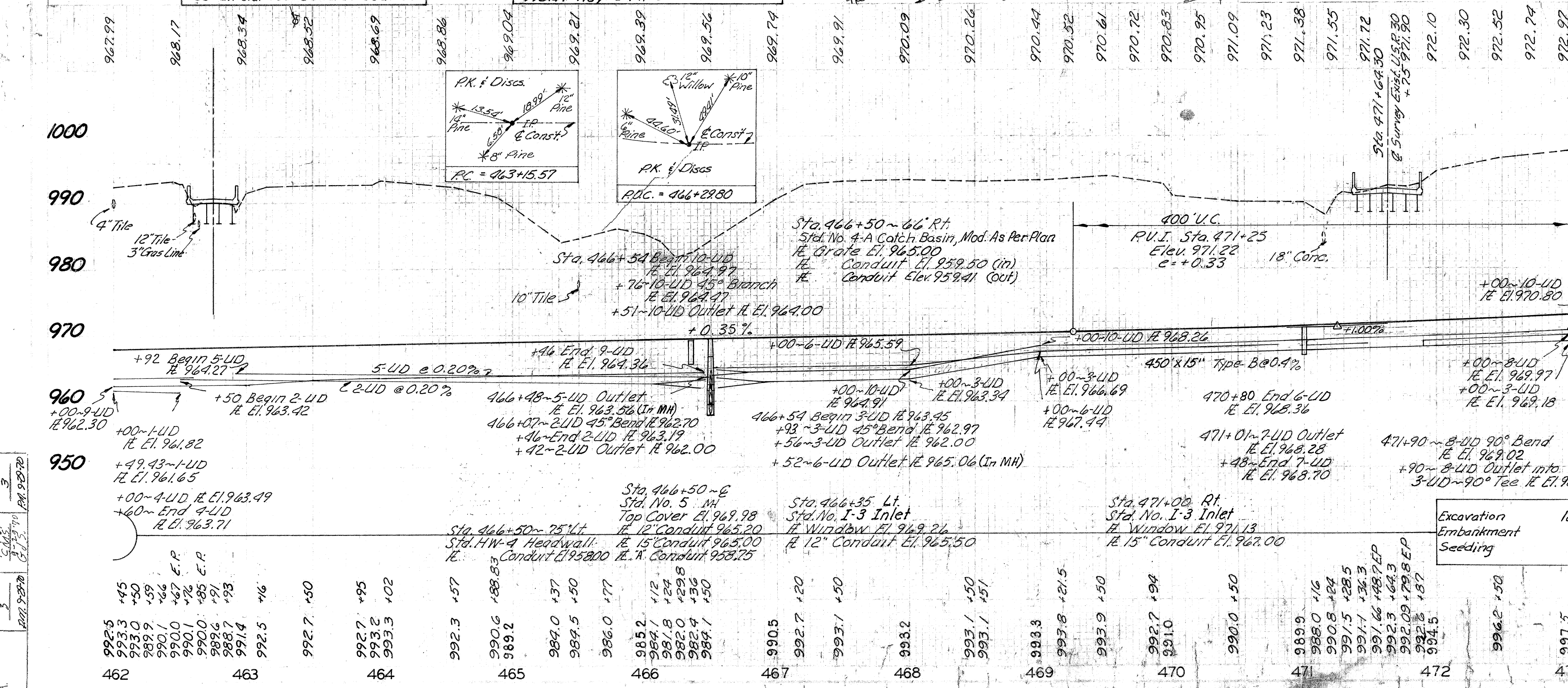
P.I. Sta. 471+95.82 E Const.
 $\Delta = 22^\circ 35' 21''$ LT
 $D = 1^\circ 18'$
 $R = 4407.37'$
 $T = 880.25'$
 $L = 1737.63'$
 $E = 87.07'$

QUANTITIES CALC. D.D. 5-25-71
 QUANTITIES CALC. C.M. 5-28-71

WAY-83-7.15
WAY-250-13.66

Ref. No.	Station	Side	Type	606		603		604		667		606	
				Guard Rail	Type-5	Conduit	Type-B	Standard	No. I-3	Inlet	Seeding	Moistening	Anchor
From	To			Lin. Ft.	Lin. Ft.	Each	Each	Each	Each	Each	Each	Each	Each
1-D	466+35	466+50	Rt.		15	1							
2-D	466+50	471+00	Lt.		450	1							
4-D	466+93	468+07	Rt.								250		
6-G	470+80	473+00	Lt.	1875								1	1
7-G	470+25	472+50	Rt.	1875								1	1
Totals				375	15	450	2				250	2	2

Ref. No.	Station	Side	Type	605		603		202		202	
				6" Pipe Under-drains	7" Pipe Under-drains	6" Pipe Under-drains	6" Pipe Under-drains	Septic Tank	Structure	Structure	Structure
From	To			Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.	Each	Lump	Lump	Lump
HUD	462+00	462+99.43	Lt.	50							
2UD	462+50	466+46	Lt.		432			10			1
3UD	466+54	473+00	Lt.	108	400	180		10			1
4UD	462+00	462+60	Lt.	60							
5UD	462+92	466+48	Lt.		346			10			
6UD	466+52	470+80	Rt.	138	180	100		10			
7UD	471+01	471+48	Lt.		37			10			
8UD	471+90	473+00	Lt.		110		38				2
9UD	462+00	466+96	Rt.	448							
10UD	466+51	473+00	Rt.	125	404	145		10			1
1-R	464+75		Lt.								
2-R	465+63		Rt.								
3-R	466+59	467+24	Rt.								28 75
4-R	467+40	467+64	Rt.								Lump
Totals				731	198	1131	1203	38	60	2	Lump 28 75



PROPOSED STRUCTURE
 Way-83-1071
 TYPE: Continuous Steel Beam With Reinforced Concrete Deck And Substructure
 SPANS: 42.5'-70'-76'-58' % Bearings
 ROADWAY: 32'-0" % Parapets
 LOADING: HS-20-44
 SKEW: 0°
 WEARING SURFACE: Monolithic Concrete
 APPROACH SLABS: AS-172 Mod (20' Long)
 ALIGNMENT: Tangent

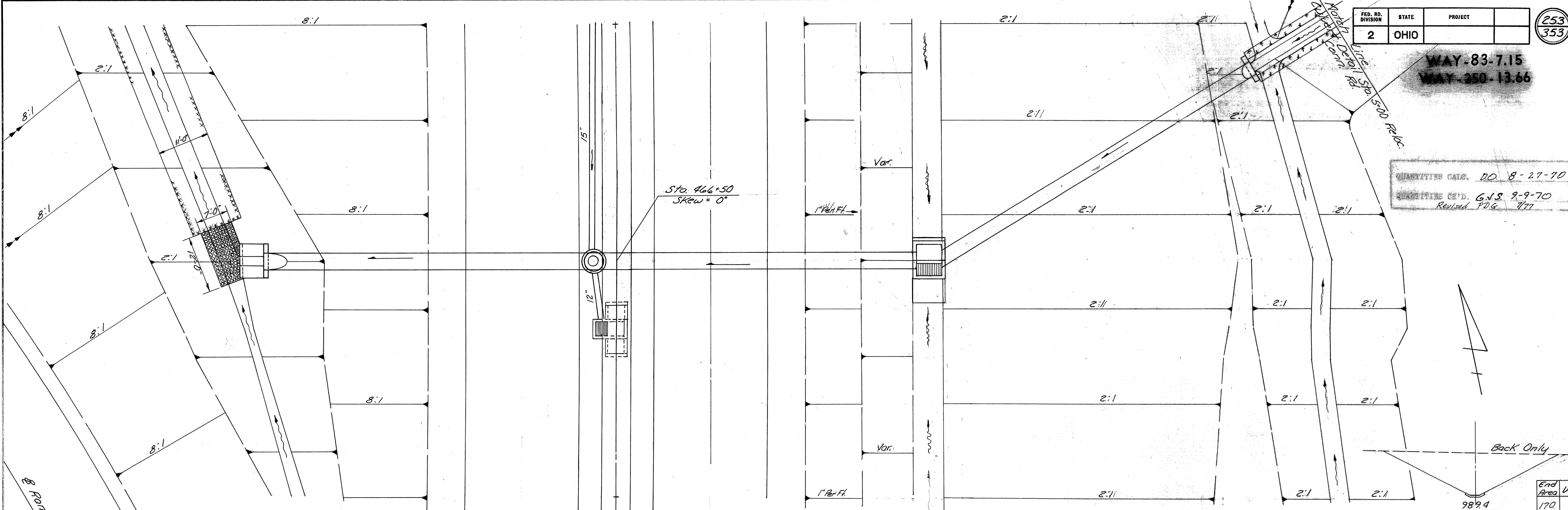
For Sylvan Rd. Plan & Profile See Sht. No. 233 & 234
 For Ramp L Plan & Profile See Sht. No. 190
 For Ramp L Entrance Detail See Sht. No. 199
 For Connector St. Plan & Profile See Sht. No. 240
 For Connector St. and Exist U.S.R. 30 Intersection Detail See Sht. No. 245
 For Exist U.S.R. 30 Plan & Profile See Sht. No. 181
 Proposed Structures Way-83-1076
 Conduit, For Details and Quantities, See Sheet No. 253
 Proposed Structure Relocated Connector St. Sta. 5+00, For Details and Quantities See Sheet No. 261
 For Median Storm Sewer Details See Sheet No. 263

PROPOSED STRUCTURE
 Way-83-1087
 TYPE: Continuous Steel Beam With Reinforced Concrete Deck And Substructure
 SPANS: 38.5'-47'-64'-53.5' % Bearings
 ROADWAY: 44'-0" % Parapets
 LOADING: HS 20-44
 SKEW: 11°-35'-00" L.F.
 WEARING SURFACE: Monolithic Concrete
 APPROACH SLABS: AS-172 Mod (20' Long)
 ALIGNMENT: Tangent

Excavation 180,863 Cu Yds.
 Embankment 116 Cu Yds.
 Seeding 21,608 Sq. Yds.

WAY-83-7.15
WAY-250-13.66

QUANTITIES CALC. DO 8-27-70
QUANTITIES CK'D. G.L.S. 9-9-70
Revised P.D.G. 7/77



Area = 34 AS
Q50 = 100 C.F.S.

Area = 33 AS
Q50 = 98 C.F.S.
Q100 = 126 C.F.S.

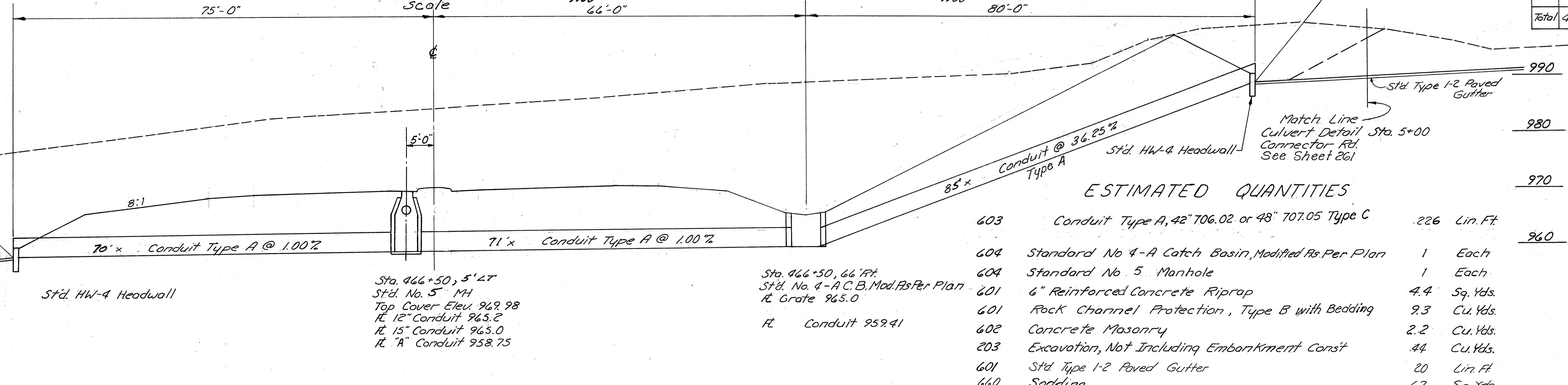
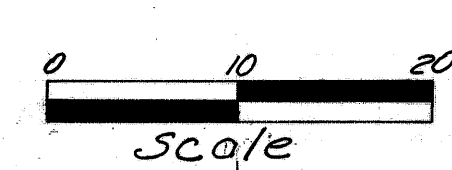
Area = 28 AS
Q50 = 85 C.F.S.
Q100 = 109 C.F.S.

100 yr. H.W. EL. = 994.9

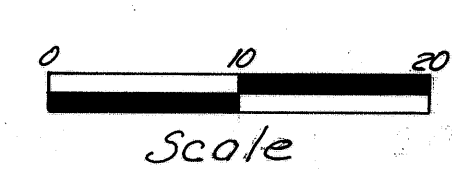
989.4
166' Ft.
998.3
"O" Section 152' Ft.

End Area	Vol.
170	44
0	0
Total	44

PLAN



SECTION



ESTIMATED QUANTITIES

603	Conduit Type A, 42" 706.02 or 48" 707.05 Type C	226	Lin. Ft.
604	Standard No 4-A Catch Basin, Modified Rs. Per Plan	1	Each
604	Standard No 5. Manhole	1	Each
601	6" Reinforced Concrete Riprap	4.4	Sq. Yds.
601	Rock Channel Protection, Type B with Bedding	9.3	Cu. Yds.
602	Concrete Masonry	2.2	Cu. Yds.
203	Excavation, Not Including Embankment Const	44	Cu. Yds.
601	Std. Type 1-2 Paved Gutter	20	Lin. Ft.
660	Sodding	6.7	Sq. Yds.

STRUCTURE NO. WAY-83-10.78

STA. 466 + 50 PIPE CULVERT DETAIL

QUANTITIES CALC. DO
QUANTITIES CK'D. G.L.S.