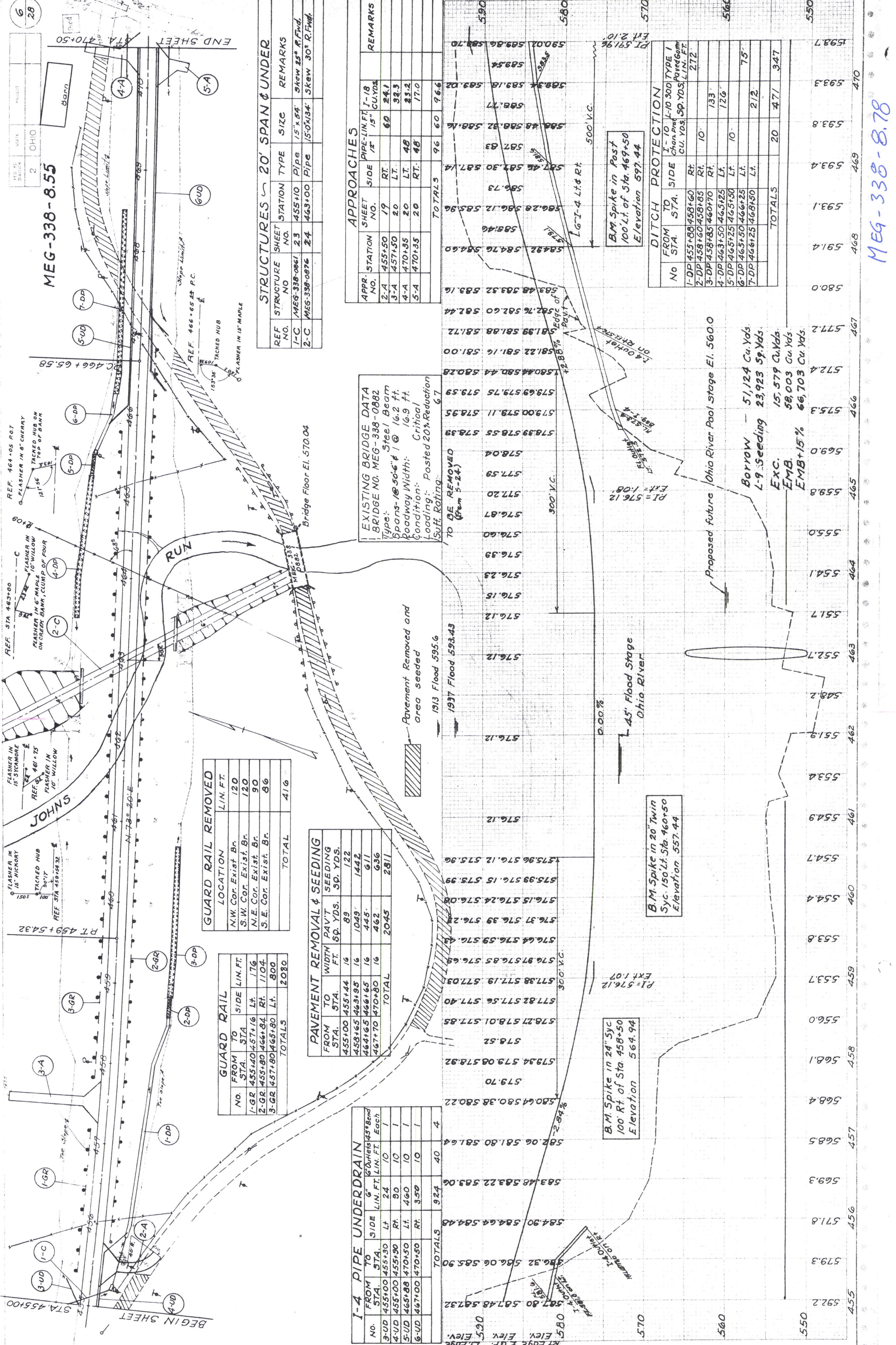




STRUCTURES - 20' SPAN & UNDER					
REF. NO.	STRUCTURE NO.	SHEET NO.	STATION	TYPE	SIZE
1-C	MEG-338-0861	23	455+10	Pipe	15" x 84"
2-C	MEG-338-0876	24	463+00	Pipe	15" x 134"
					Skew 25° R.Fwd.
					Skew 30° R.Fwd.

APPROACHES					
APPR. NO.	STATION	SHEET NO.	SIDE	PIPE-LIN. FT.	REMARKS
2-A	455+50	19	RT.	60	15" GUYD.
3-A	457+50	20	LT.	24.1	60
4-A	470+35	20	LT.	48	32.3
5-A	470+35	20	RT.	48	23.2
TOTALS					96 60 966

EXISTING BRIDGE DATA
BRIDGE NO. MEG-338-0882
Type: Steel Beam
Spans: 16'-50" & 1 @ 16.2 ft.
Roadway Width: 16.9 ft.
Condition: Critical
Loading: Posted 20% Reduction
Suft. Rating: 6.7

GUARD RAIL		
NO.	FROM STA.	TO STA.
1-GR	455+00	457+16
2-GR	455+80	466+84
3-GR	457+80	465+80
TOTALS		2080

GUARD RAIL REMOVED		
LOCATION	LIN. FT.	
N.W. Cor. Exist. Br.	120	
S.W. Cor. Exist. Br.	120	
N.E. Cor. Exist. Br.	90	
S.E. Cor. Exist. Br.	86	
TOTAL		416

PAVEMENT REMOVAL & SEEDING			
FROM STA.	TO STA.	PAV'T SQ. YDS.	SEEDING SQ. YDS.
455+00	455+44	16	122
458+65	463+95	16	1442
464+65	466+65	16	611
467+70	470+80	16	636
TOTAL		2045	2811

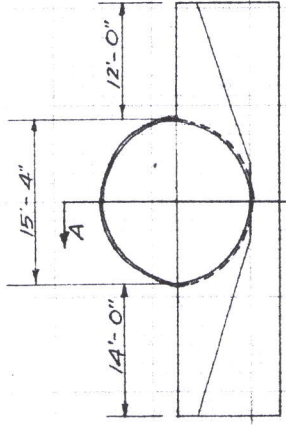
I-4 PIPE UNDERDRAIN					
NO.	FROM STA.	TO STA.	SIDE	6" LIN. FT. LIN. FT.	REMARKS
3-UD	455+00	455+30	LT.	24	10' 1
4-UD	455+00	455+90	RT.	90	10' 1
5-UD	465+88	470+50	LT.	460	10' 1
6-UD	467+00	470+50	RT.	350	10' 1
TOTALS					924 40 4

DITCH PROTECTION					
NO.	FROM STA.	TO STA.	SIDE	TYPE	REMARKS
1-DP	455+88	458+60	RT.	10'	10' 133'
2-DP	458+60	458+85	RT.	10'	10' 126'
3-DP	458+85	460+70	RT.	10'	10' 75'
4-DP	463+50	465+25	LT.	10'	10' 212'
5-DP	465+25	465+50	LT.	10'	10' 212'
6-DP	465+50	466+25	LT.	10'	10' 212'
7-DP	466+25	468+50	LT.	10'	10' 212'
TOTALS					20 471 347

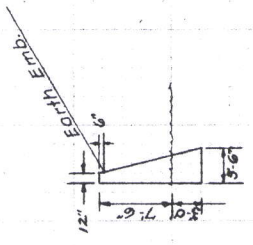
550	5592.2	579.3	571.8	569.3	568.5	568.4	568.1	556.0	553.7	558.2	552.7	551.7	554.1	555.0	559.8	569.0	575.3	572.4	577.2	580.0	591.4	593.1	593.4	593.8	593.3	598.7
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MEG-338-8.78

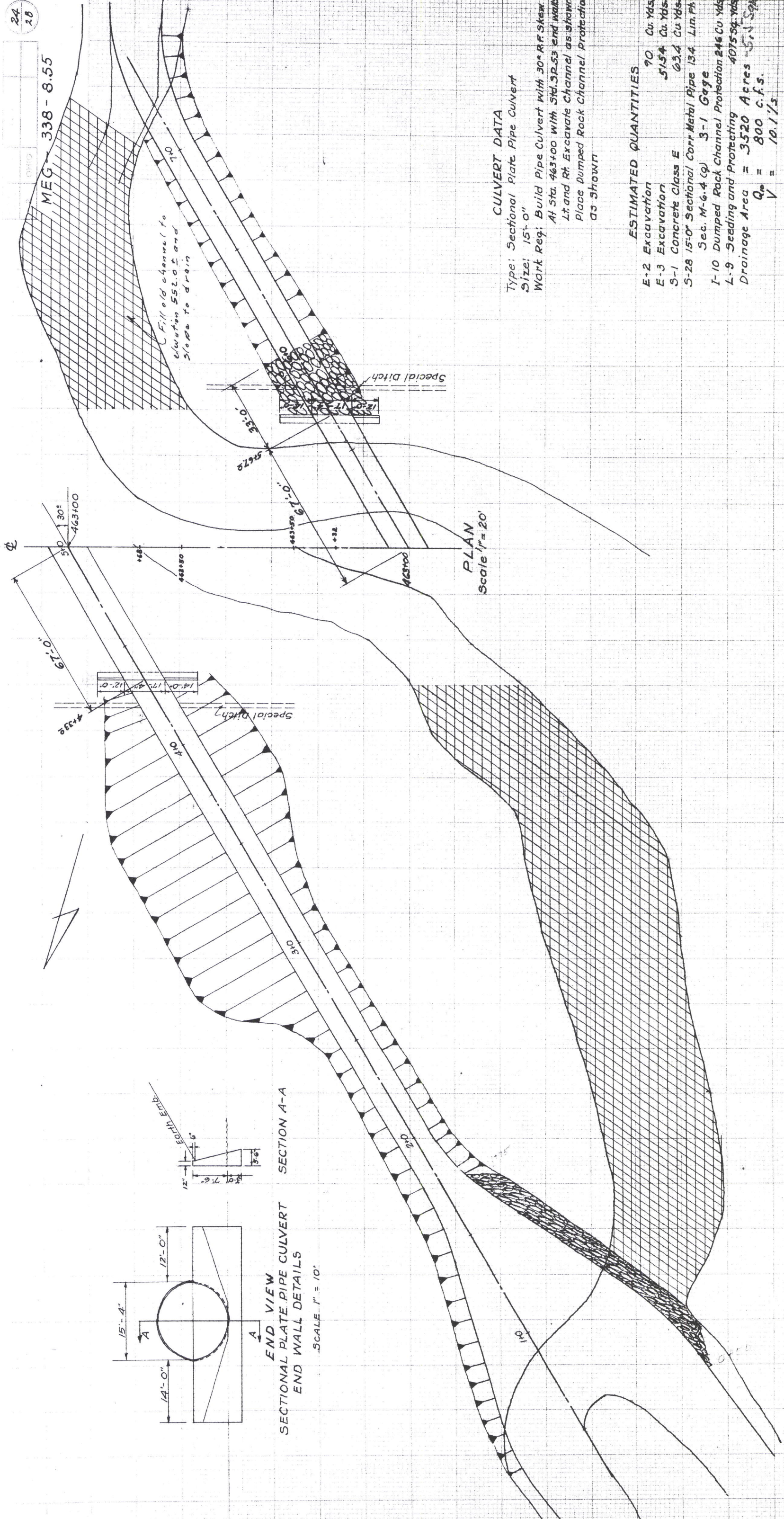
MEG-338-8.55



END VIEW
SECTIONAL PLATE PIPE CULVERT
END WALL DETAILS
SCALE 1" = 10'



SECTION A-A



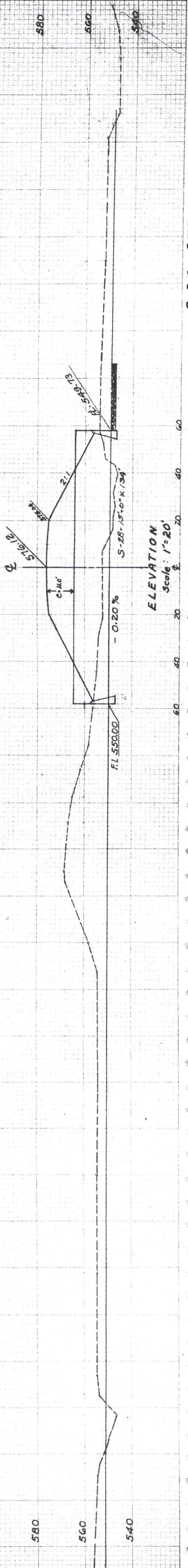
PLAN
Scale 1" = 20'

CULVERT DATA

Type: Sectional Plate Pipe Culvert
Size: 15'-0"
Work Req: Build Pipe Culvert with 30" R.F. Skew
At Sta. 463+00 with Std. S.R. 53 and Wall
Lt and Rt Excavate Channel as shown
Place Dumped Rock Channel Protection
as shown

ESTIMATED QUANTITIES

- E-2 Excavation 90 Cu Yds
- E-3 Excavation 5154 Cu Yds
- S-1 Concrete Class E 63.4 Cu Yds
- S-28 15'-0" Sectional Corr Metal Pipe 134 Lin. Ft.
- S-28 15'-0" Sectional Corr Metal Pipe 134 Lin. Ft.
- I-10 Dumped Rock Channel Protection 246 Cu Yds
- L-9 Seeding and Protecting 4075 Sq. Yds
- Drainage Area = 3520 Acres
- $Q_p = 800$ c.f.s.
- $V = 10.1$ f/s



ELEVATION
Scale 1" = 20'

S-28 STRUCTURE STA. 463+00

MEG-338-8.78