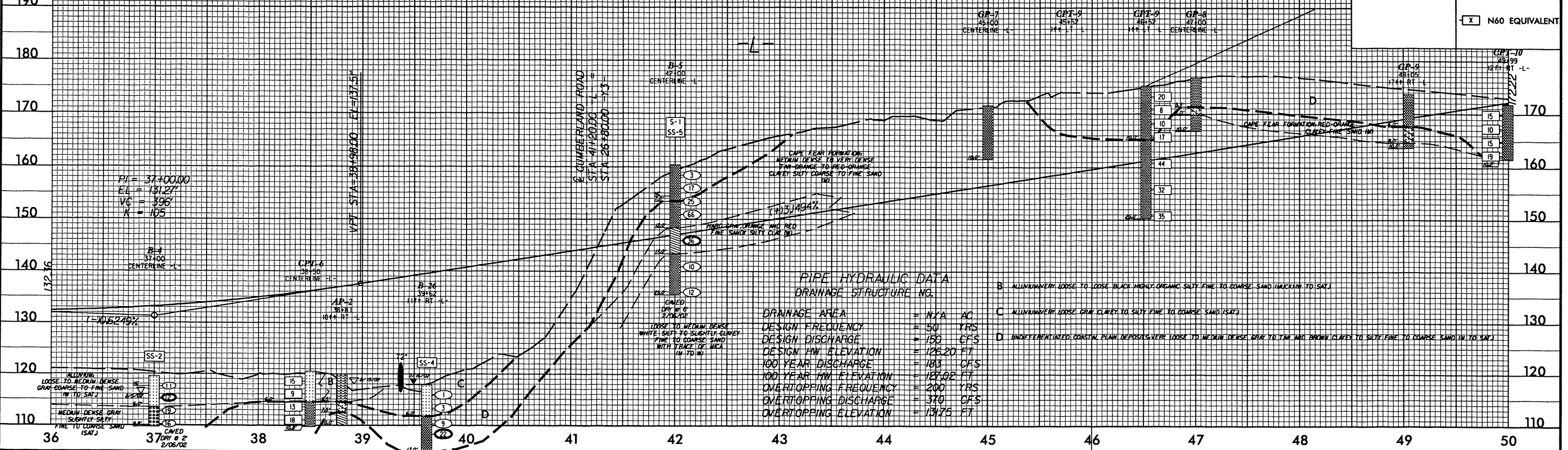


SOIL TEST RESULTS

PROJECT REFERENCE NO. U-0620	SHEET NO. 26
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
LEGEND	
[X] N60 EQUIVALENT	

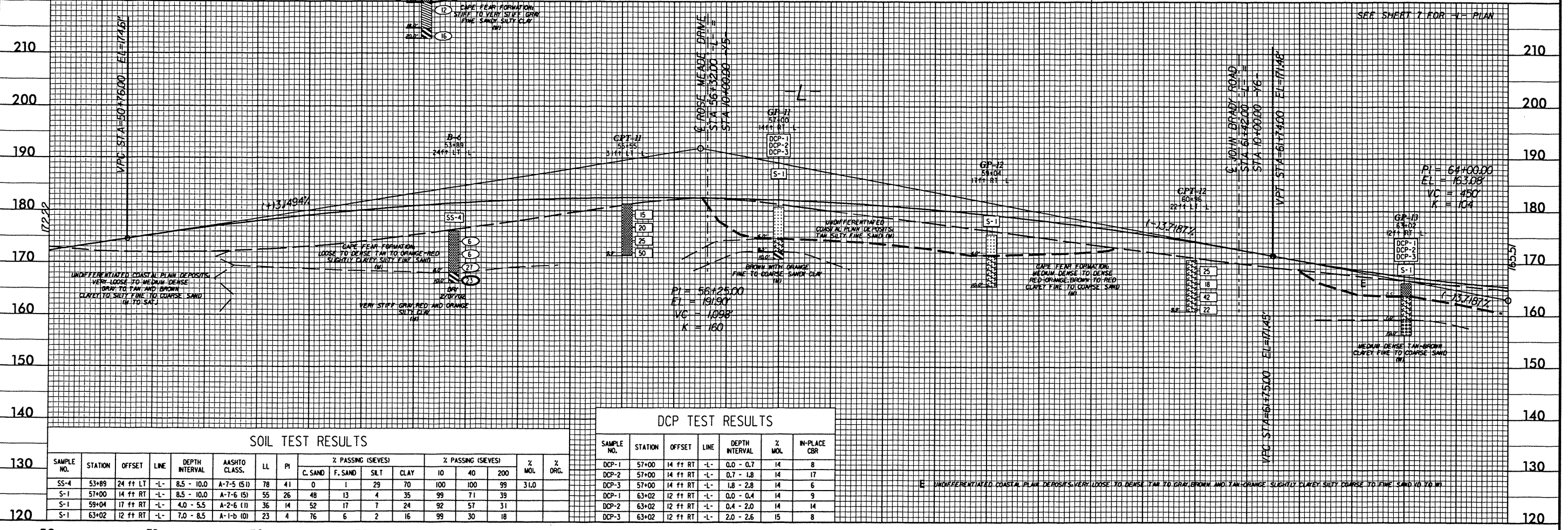
SAMPLE NO.	STATION	OFFSET	LINE	DEPTH INTERVAL	AASHTO CLASS.	LL	PI	% PASSING (SIEVES)				% MOL.	% ORG.	MAX DENSITY (pcf)	OPT. % MOL.	CBR VALUES		
								C. SAND	F. SAND	SLT	CLAY					10	40	200
SS-2	37+00	0 ft CL	-L	3.3 - 4.8	A-3 (0)	19	NP	42	56	0	2	100	88	4				
SS-4	39+62	11 ft RT	-L	8.5 - 10.0	A-2-4 (0)	26	9	58	15	2	25	99	68	28				
S-1	42+00	0 ft CL	-L	8.5 - 10.0	A-2-4 (0)	21	3	34	46	1	19	99	79	22	118.9	10.8	25	31
SS-5	42+00	0 ft CL	-L	13.5 - 15.0	A-6 (1)	36	18	5	29	28	38	100	97	73	18.0			

SEE SHEET 6 FOR L-PLAN



PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO. _____

DRAINAGE AREA = N/A AC
 DESIGN FREQUENCY = 50 YRS
 DESIGN DISCHARGE = 150 CFS
 DESIGN HW ELEVATION = 126.20 FT
 100 YEAR DISCHARGE = 183 CFS
 100 YEAR HW ELEVATION = 127.02 FT
 OVERTOPPING FREQUENCY = 200 YRS
 OVERTOPPING DISCHARGE = 370 CFS
 OVERTOPPING ELEVATION = 137.75 FT



DCP TEST RESULTS

SAMPLE NO.	STATION	OFFSET	LINE	DEPTH INTERVAL	% MOL.	IN-PLACE CBR
DCP-1	57+00	14 ft RT	-L	0.0 - 0.7	14	8
DCP-2	57+00	14 ft RT	-L	0.7 - 1.8	14	17
DCP-3	57+00	14 ft RT	-L	1.8 - 2.8	14	6
DCP-1	63+02	12 ft RT	-L	0.0 - 0.4	14	9
DCP-2	63+02	12 ft RT	-L	0.4 - 2.0	14	14
DCP-3	63+02	12 ft RT	-L	2.0 - 2.6	15	8

SOIL TEST RESULTS

SAMPLE NO.	STATION	OFFSET	LINE	DEPTH INTERVAL	AASHTO CLASS.	LL	PI	% PASSING (SIEVES)				% MOL.	% ORG.		
								C. SAND	F. SAND	SLT	CLAY				
SS-4	53+89	24 ft LT	-L	8.5 - 10.0	A-7-5 (5)	78	41	0	1	29	70	100	100	99	31.0
S-1	57+00	14 ft RT	-L	8.5 - 10.0	A-7-6 (5)	55	26	48	13	4	35	99	71	39	
S-1	59+04	17 ft RT	-L	4.0 - 5.5	A-2-6 (1)	36	14	52	17	7	24	92	57	31	
S-1	63+02	12 ft RT	-L	7.0 - 8.5	A-1-b (0)	23	4	76	6	2	16	99	30	18	