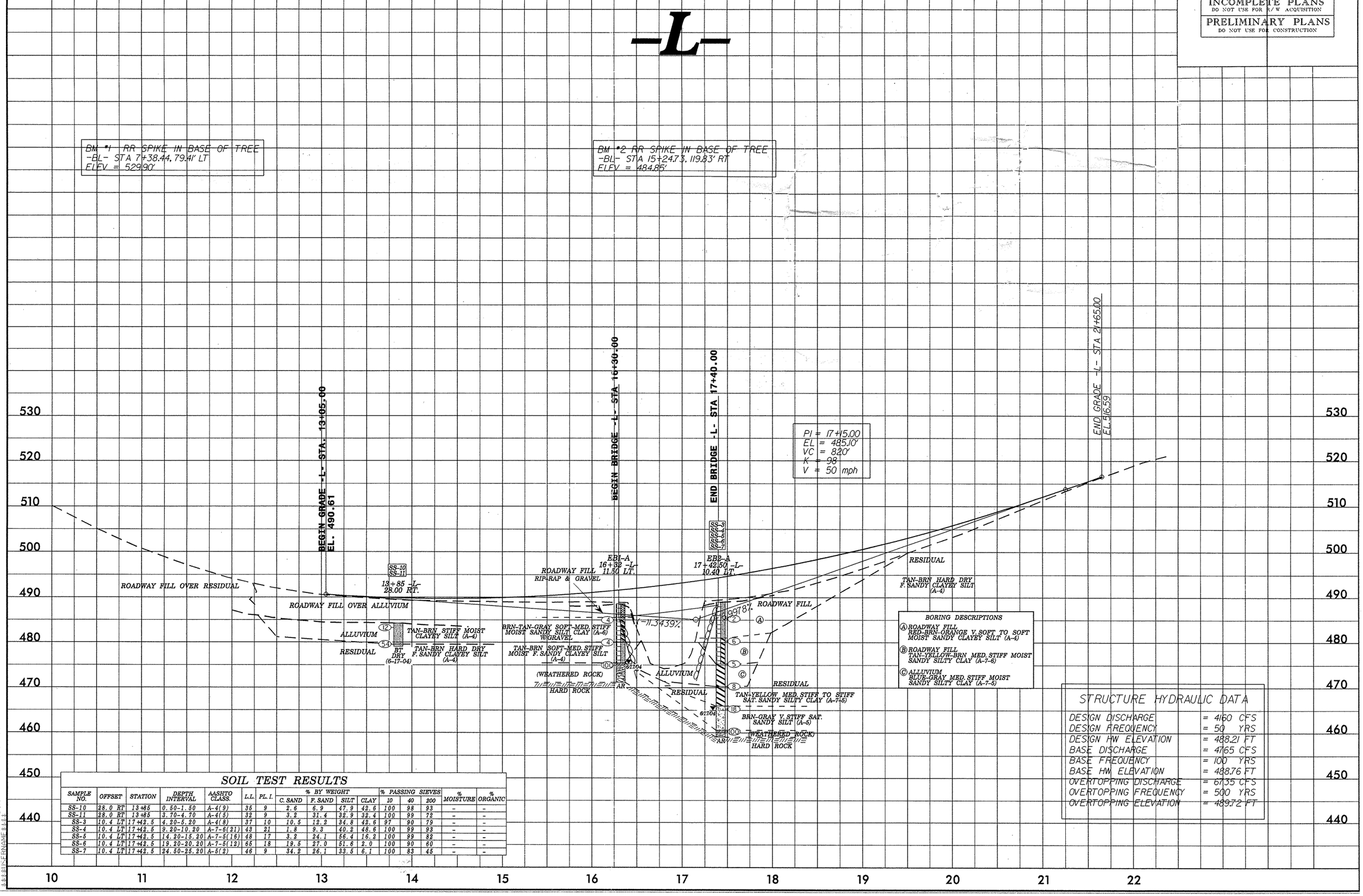
PROJECT REFERENCE NO.	SHEET NO.
B-3700	5
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



STRUCTURE HYDRAULIC DATA

DESIGN DISCHARGE	= 4160 CFS
DESIGN FREQUENCY	= 50 YRS
DESIGN HW ELEVATION	= 488.21 FT
BASE DISCHARGE	= 4765 CFS
BASE FREQUENCY	= 100 YRS
BASE HW ELEVATION	= 488.76 FT
OVERTOPPING DISCHARGE	= 6735 CFS
OVERTOPPING FREQUENCY	= 500 YRS
OVERTOPPING ELEVATION	= 489.72 FT

SOIL TEST RESULTS

SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	PL. I.	% BY WEIGHT C. SAND	F. SAND	SILT	CLAY	% PASSING SIEVES 10	40	200	% MOISTURE	% ORGANIC
SS-10	28.0 RT	13+85	0.50-1.50	A-4(9)	35	9	2.6	6.9	47.9	42.6	100	98	93	-	-
SS-11	28.0 RT	13+85	3.70-4.70	A-4(5)	32	9	3.2	31.4	32.9	32.4	100	99	72	-	-
SS-3	10.4 LT	17+42.5	4.20-5.20	A-4(8)	37	10	10.5	12.2	34.8	42.6	97	90	79	-	-
SS-4	10.4 LT	17+42.5	9.20-10.20	A-7-6(21)	43	21	1.8	9.3	40.2	48.6	100	99	93	-	-
SS-5	10.4 LT	17+42.5	14.20-15.20	A-7-5(16)	48	17	3.2	24.1	56.4	16.2	100	99	82	-	-
SS-6	10.4 LT	17+42.5	19.20-20.20	A-7-5(12)	65	18	19.5	27.0	51.6	2.0	100	90	60	-	-
SS-7	10.4 LT	17+42.5	24.50-25.20	A-5(2)	46	9	34.2	26.1	33.5	6.1	100	83	45	-	-