PROJECT REFERENCE NO.	SHEET NO.
U-2734	20
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

-5 0 10

CONST.REV. _____

R/W REV. _____

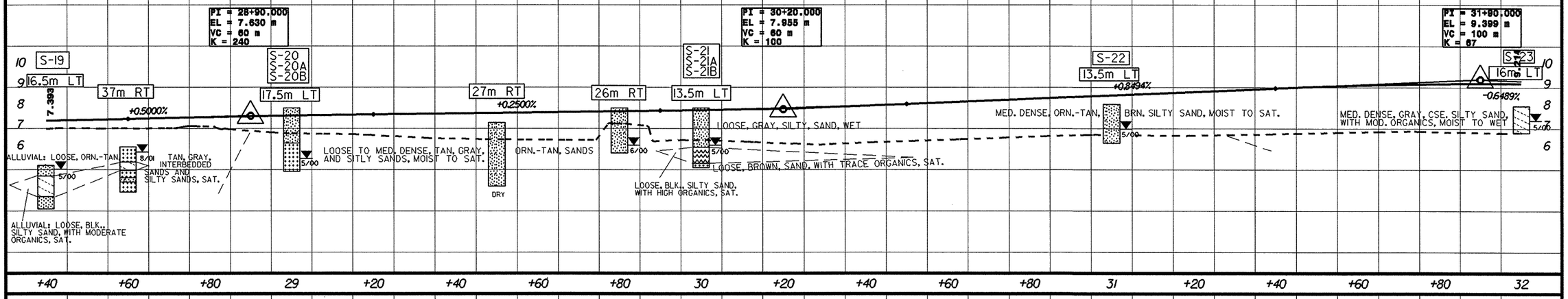
INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION
PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

SOIL TEST RESULTS

SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT C. SAND	F. SAND	SILT	CLAY	% PASSING (SIEVES) 10	40	200	% MOISTURE	% ORGANIC
S-19	16.5m LT	28+40	1.00 - 1.50	A-3 (0)	27	NP	44.6	47.8	3.5	4.0	99	82	8		8.3
S-20	17.5m LT	29+00	0.00 - 1.00	A-2-4(0)	15	NP	30.6	57.0	6.4	6.1	100	93	13		
S-20A	17.5m LT	29+00	1.00 - 1.70	A-2-4(0)	20	NP	29.2	56.0	2.7	12.1	100	92	15	10.4	
S-20B	17.5m LT	29+00	2.10 - 2.40	A-3(0)	17	NP	48.5	46.6	0.8	4.0	98	67	6		
S-21	13.5m LT	30+00	1.00 - 1.30	A-2-4(0)	17	NP	37.6	50.8	2.5	9.1	100	91	12	14.6	
S-21A	13.5m LT	30+00	2.00 - 2.70	A-2-4(0)	33	NP	42.2	47.2	6.6	4.0	100	87	12	53.2	10.9
S-21B	13.5m LT	30+00	2.70 - 2.90	A-3(0)	21	NP	51.3	43.2	5.5	0.0	100	78	6		
S-22	13.5m LT	31+00	0.50 - 1.20	A-2-4(0)	22	7	41.0	34.9	3.9	20.2	100	88	25		
S-23	16m LT	32+00	0.00 - 0.60	A-2-4(0)	34	NP	41.6	39.8	10.6	8.1	99	86	20	58.0	6.8
S-24	14.5m LT	33+00	0.60 - 1.70	A-3(0)	22	NP	51.9	42.6	3.5	2.0	100	85	6	30.9	16.3
S-25	15m LT	33+20	0.00 - 0.50	A-2-4(0)	32	NP	42.8	43.6	11.6	2.0	99	85	14		
S-26	5m LT	33+40	0.00 - 1.00	A-2-4(0)	33	NP	36.5	48.4	11.0	4.0	99	86	16	98.8	7.3
S-27	13.5m LT	33+80	0.00 - 0.70	A-2-4(0)	25	NP	28.9	56.5	10.6	4.0	99	89	16		

-L-

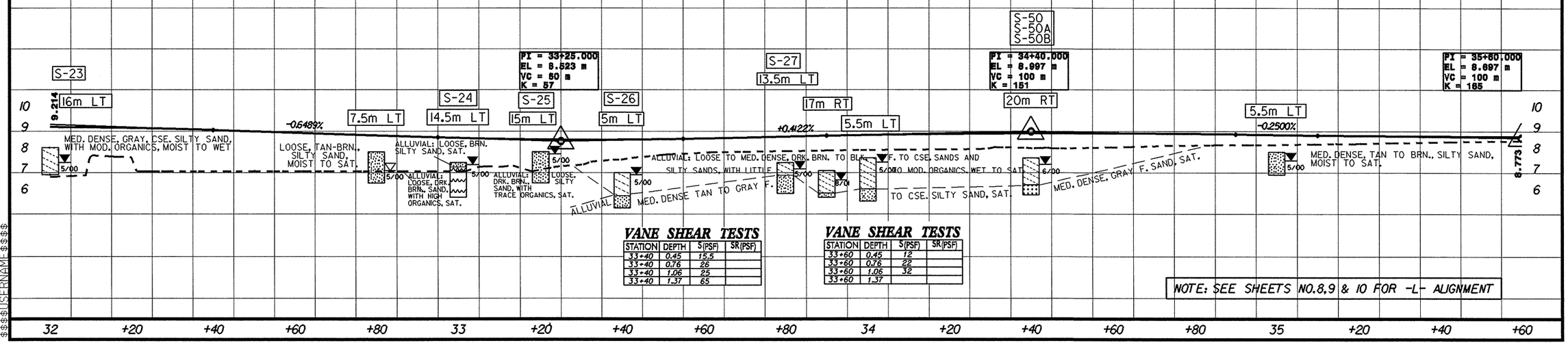
BM #93 -BL- 24+63.800 26.3m LEFT EL = 8.608m
R/R SPIKE SET IN A 12" PINE
N = 55,878 E = 717,627



SOIL TEST RESULTS

SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT C. SAND	F. SAND	SILT	CLAY	% PASSING (SIEVES) 10	40	200	% MOISTURE	% ORGANIC
S-50	20m RT	34+40	0.10 - 0.60	A-3(0)	26	NP	51.4	40.8	4.8	3.0	98	81	8		57
S-50A	20m RT	34+40	0.60 - 1.20	A-2-4(0)	20	NP	39.3	44.1	2.5	14.1	99	88	18		
S-50B	20m RT	34+40	1.30 - 1.60	A-3(0)	26	NP	7.9	84.1	1.0	7.0	100	96	10		

-L-



VANE SHEAR TESTS

STATION	DEPTH	S(PSF)	SR(PSF)
33+40	0.45	15.5	
33+40	0.76	26	
33+40	1.06	25	
33+40	1.37	65	

VANE SHEAR TESTS

STATION	DEPTH	S(PSF)	SR(PSF)
33+60	0.45	12	
33+60	0.76	22	
33+60	1.06	32	
33+60	1.37		

NOTE: SEE SHEETS NO.8,9 & 10 FOR -L- ALIGNMENT

SYSTIME $$$$$ DGN $$$$$ SELENIM $$$$$