

BM#4 EL. 5.633
 NAIL IN PP NCR54
 72.844m RT -L STA 178+14.447

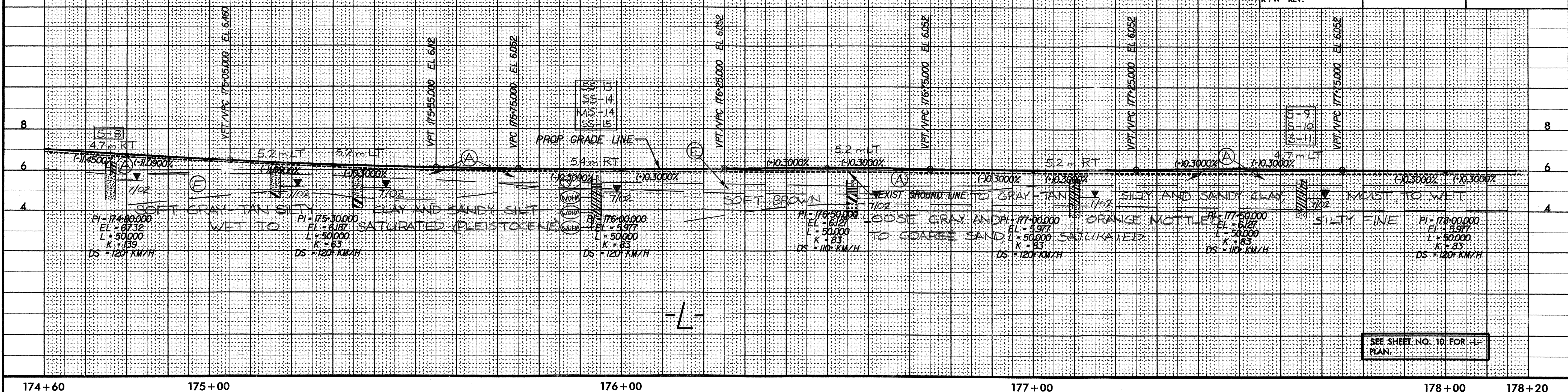
GREENHORNE & O'MARA, INC.
 5665 CENTERVIEW DRIVE, SUITE 101
 RALEIGH, NORTH CAROLINA 27606
 (919) 851-1919



PROJECT REFERENCE NO.		SH# NO.
R-2539C		32
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER	
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION		
INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION		
CONST. REV.		
R/W REV.		

SAMPLE NO.	STATION	DEPTH	CLASS	LL	PI	% BY WEIGHT			% PASSING (SIEVES)			MOISTURE	ORGANIC	
						SAND	SILT	CLAY	20mm	75um	425um			
SS-13	174+76	4.7M RT	A-2(1)	36	10	8.5	43.7	21.8	24.3	100	99	48		10.9
SS-14	175+94	5.4M RT	A-6(4)	73	16	6.7	46.5	18.4	32.4	100	100	49		36.2
SS-15	175+94	5.9M LT	A-9(0)	75	8	1.8	61.7	18.8	8.5	100	99	42		86
SS-16	177+65	4.7M LT	A-6(6)	38	18	6.1	38.1	19.5	46.5	100	99	58		37.3
SS-18	177+65	4.7M LT	A-6(6)	33	13	5.2	38.7	16.8	38.5	100	100	57		37.3
SS-21	177+65	4.7M LT	A-2(10)	24	NP	1.2	35	4.0	1.2	100	100	49		19

- (A) ROADWAY EMBANKMENT MEDIUM DENSE BROWN SILTY AND CLAYE SAND AND MEDIUM STIFF BROWN SANDY SILT AND SANDY CLAY MOIST
- (E) SOFT BROWN ORGANIC SANDY SILT WET (RECENT)
- (F) VERY LOOSE TO LOOSE BROWN SILTY FINE SAND MOIST TO SATURATED (PLEISTOCENE)

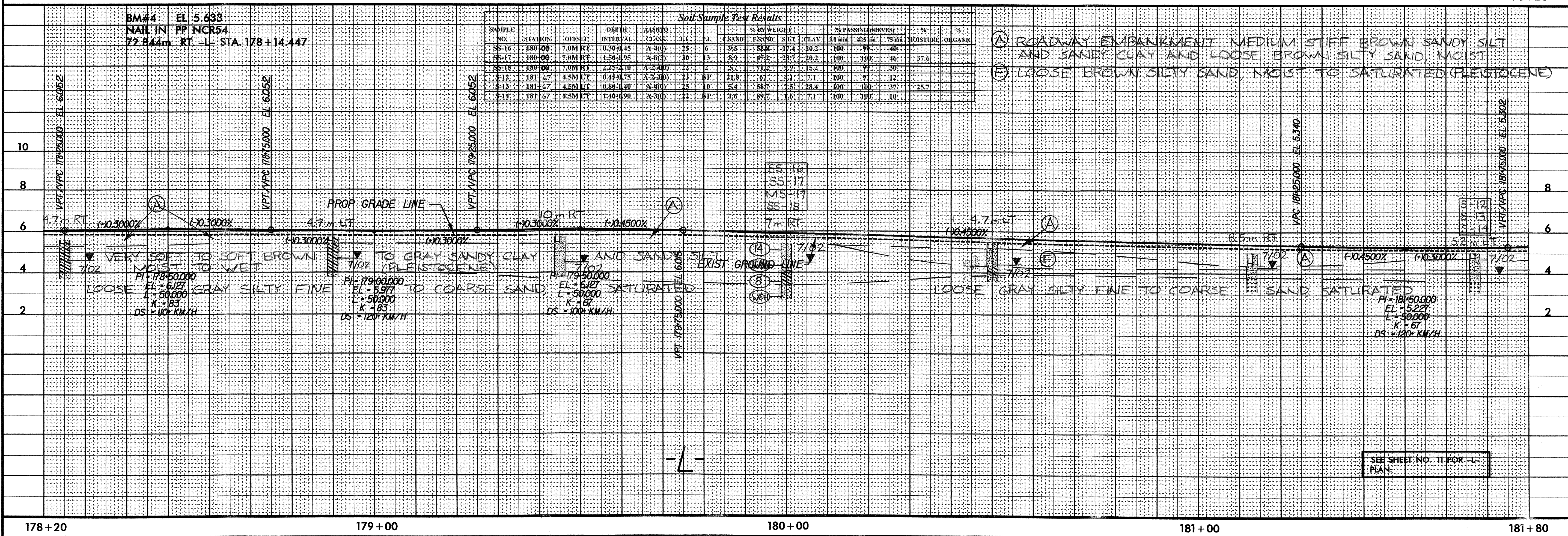


SEE SHEET NO. 10 FOR -L- PLAN.

BM#4 EL. 5.633
 NAIL IN PP NCR54
 72.844m RT -L STA 178+14.447

SAMPLE NO.	STATION	DEPTH	CLASS	LL	PI	% BY WEIGHT			% PASSING (SIEVES)			MOISTURE	ORGANIC	
						SAND	SILT	CLAY	20mm	75um	425um			
SS-16	180+00	7.0M RT	A-2(1)	35	6	9.5	82.8	17.4	10.2	100	99	40		37.6
SS-17	180+00	7.0M RT	A-6(3)	30	13	3.9	47.2	28.7	10.2	100	100	46		37.6
SS-18	180+00	7.0M RT	A-2(10)	22	NP	1.6	71.2	13.7	15.2	100	99	30		19
SS-19	181+67	4.5M LT	A-2(10)	25	10	5.4	58.7	15.5	28.4	100	100	37		25.7
SS-19	181+67	4.5M LT	A-2(10)	22	NP	1.6	89.2	11.6	7.1	100	100	10		10

- (A) ROADWAY EMBANKMENT MEDIUM STIFF BROWN SANDY SILT AND SANDY CLAY AND LOOSE BROWN SILTY SAND MOIST
- (E) LOOSE BROWN SILTY SAND MOIST TO SATURATED (PLEISTOCENE)



SEE SHEET NO. 11 FOR -L- PLAN.