PROJECT REFERENCE NO.	SHEET NO.
B-4722B	5 OF 6
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

PROFILE THROUGH BORINGS PROJECTED ALONG WALL 1

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
ST-3	52' RT	12+00	17.0-18.7	A-7-6(18)	45	21	11.8	9.8	58.3	20.0	100	92	81	70.8	12.3
ST-4	52' RT	12+00	19.0-20.7	A-7-6(29)	75	41	14.2	19.5	23.7	42.6	100	93	68	139.5	15.9
SS-19	3' RT	13+00	0.0-1.5	A-4(0)	22	5	24.9	39.8	24.2	11.1	99	94	37	-	2.3
SS-20	3' RT	13+00	2.5-4.0	A-3(0)	19	NP	44.9	47.1	5.0	3.0	100	88	9	-	0.8
ST-15	3' RT	13+00	6.5-8.5	A-7-6(23)	42	24	1.8	11.4	44.2	42.6	100	99	92	33.8	4.1
ST-16	3' RT	13+00	8.5-10.5	A-7-6(27)	50	25	1.2	4.4	39.8	54.5	100	99	96	45.2	3.0
SS-21	3' RT	15+00	0.0-1.5	A-3(0)	19	NP	39.3	54.9	0.7	5.1	100	94	6	-	0.9
SS-22	3' RT	15+00	2.5-4.0	A-2-4(0)	19	NP	53.5	34.2	7.3	5.1	96	65	14	-	0.6
ST-17	3' RT	15+00	4.0-6.0	A-6(9)	31	15	7.9	15.6	65.4	11.1	95	91	74	50.5	2.8
ST-18 #1	3' RT	15+00	6.0-8.0	A-7-6(27)	44	27	1.4	6.0	50.3	42.3	100	100	95	37.8	3.5
ST-18 #2	3' RT	15+00	6.0-8.0	A-2-4(0)	20	2	4.9	64.5	10.5	20.1	100	100	33	37.8	2.3
ST-19	7' RT	17+00	6.5-8.5	A-6(15)	35	18	3.2	10.9	43.5	42.4	100	99	87	40.1	2.9
ST-20	7' RT	17+00	8.5-10.5	A-6(18)	40	23	2.8	16.5	32.3	48.3	98	98	82	35.8	3.9

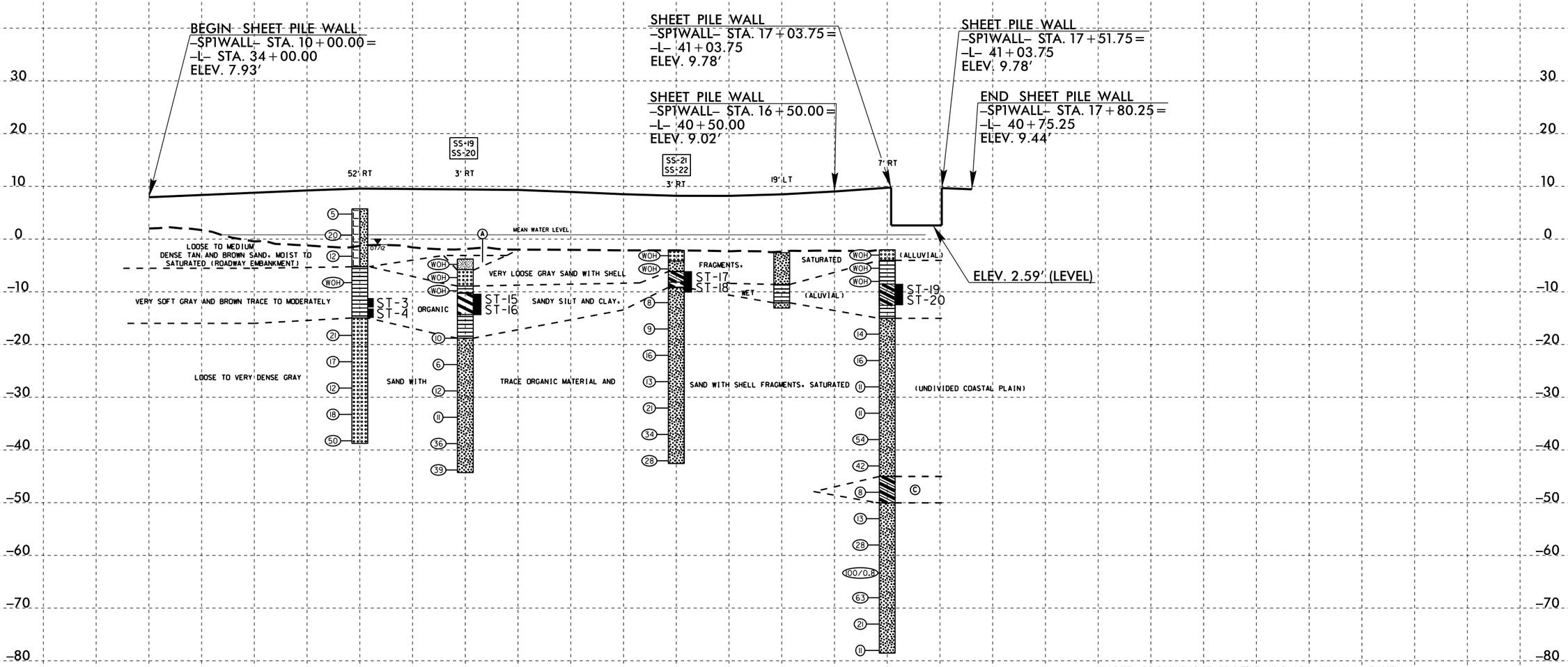
Ⓐ VERY SOFT TO SOFT GRAY SANDY SILT, WET (ALLUVIAL)

Ⓒ STIFF GRAY CLAY WITH SHELL FRAGMENTS, WET (UNDIVIDED COASTAL PLAIN)

VANE SHEAR TESTS

STATION	OFFSET	DEPTH	S (psf)
12+00	17' RT	6.0	960
12+00	17' RT	6.5	1461
12+00	17' RT	7.0	1754
12+00	17' RT	7.5	2088
12+00	17' RT	8.0	2172
12+00	17' RT	8.5	3800
16+00	24' RT	4.5	919
16+00	24' RT	5.0	960
16+00	24' RT	5.5	1002
16+00	24' RT	6.0	960
16+00	24' RT	6.5	919
16+00	24' RT	7.0	1670
16+00	24' RT	7.5	1629
16+00	24' RT	8.0	2297
16+00	24' RT	8.5	2506
16+00	24' RT	9.0	3550

VE = 2.0



NOTE: GROUNDLINE PROFILE ALONG -WALL 1- TAKEN FROM WALL ENVELOPE FILE DATED 01/8/13.

NOTE: INFERRED STRATIGRAPHY IS DRAWN THROUGH THE BORINGS WITH BOTH PROJECTED ONTO PROFILE.

-WALL 1-

5/14/99

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