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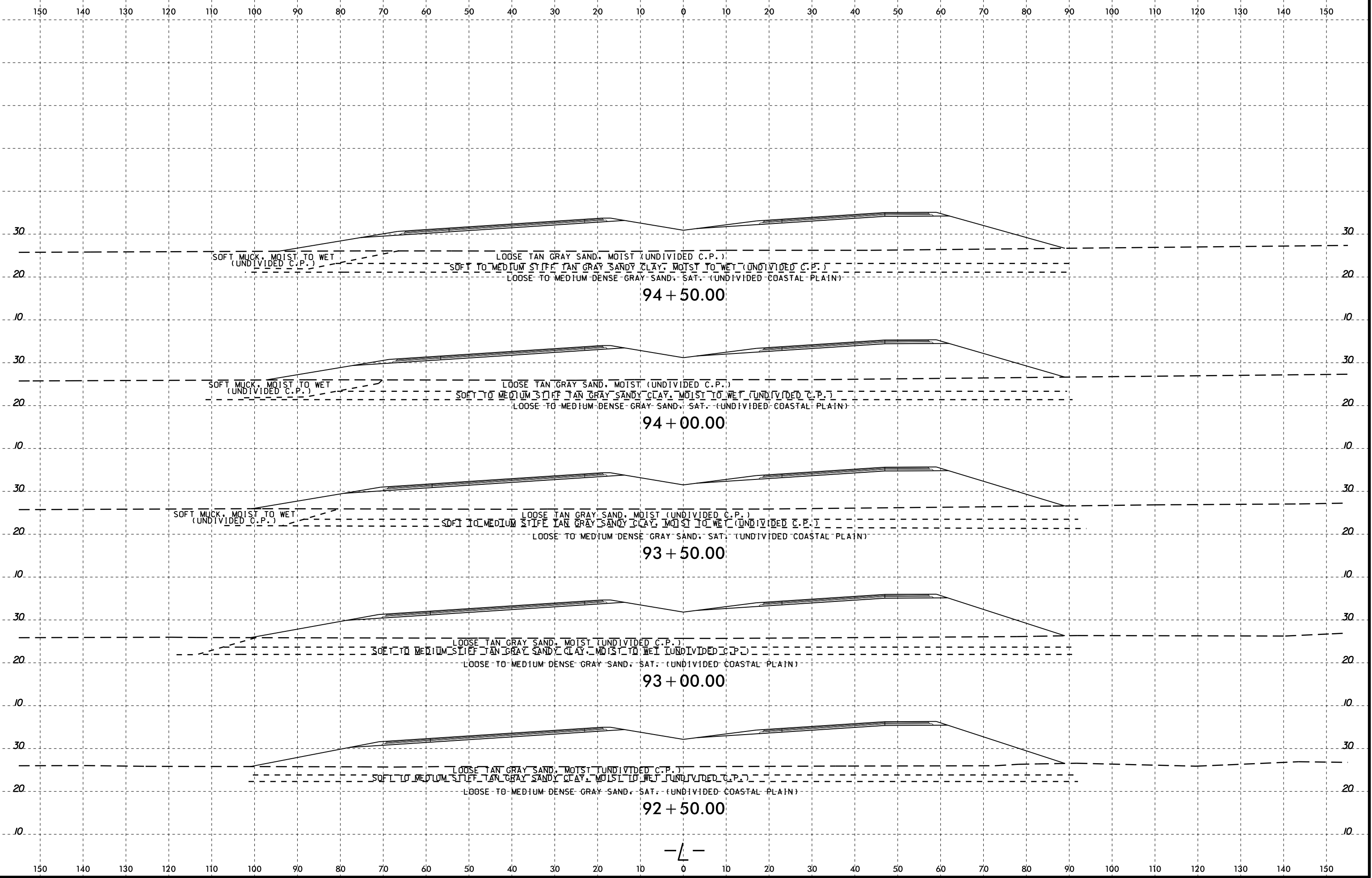
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NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
GEOTECHNICAL ENGINEERING UNIT
SUBSURFACE INVESTIGATION
INVENTORY
SECTION 3

REFERENCE: R-1015

PROJECT: 34360

DS
JLS
INITIALS
3/16/2015
DATE

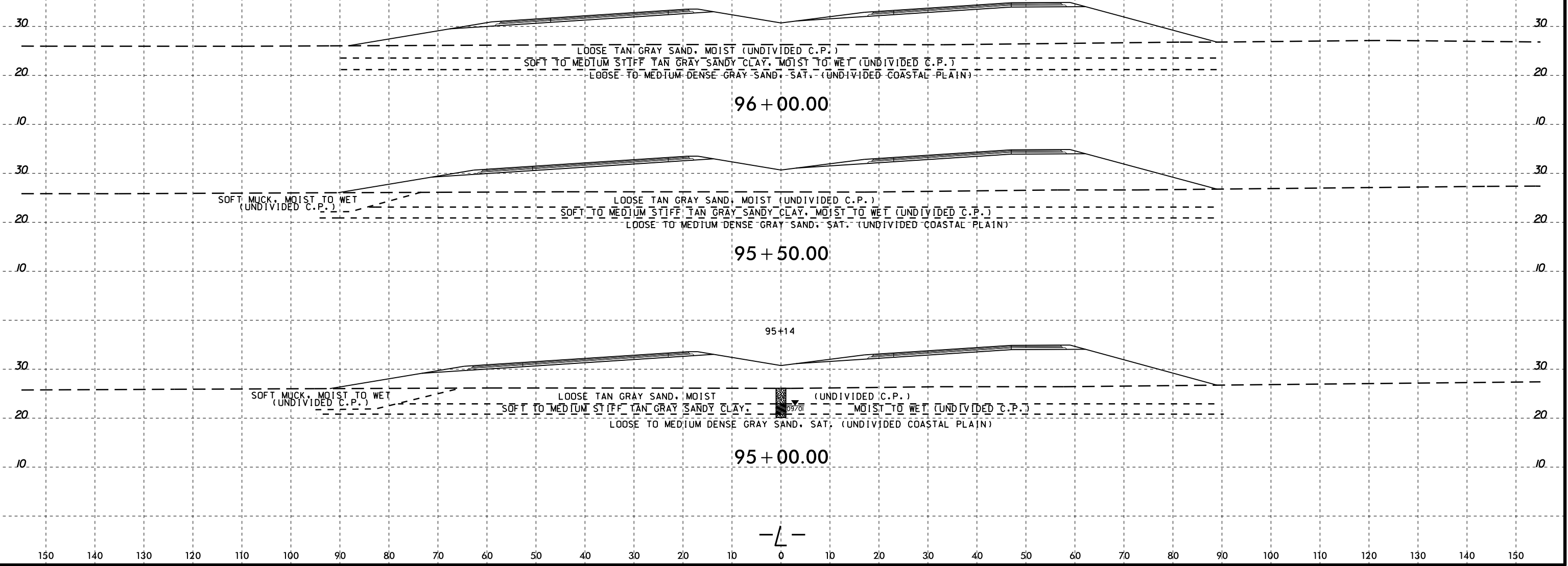


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 Atty: GEG77230
 G. Turner

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8/23/99

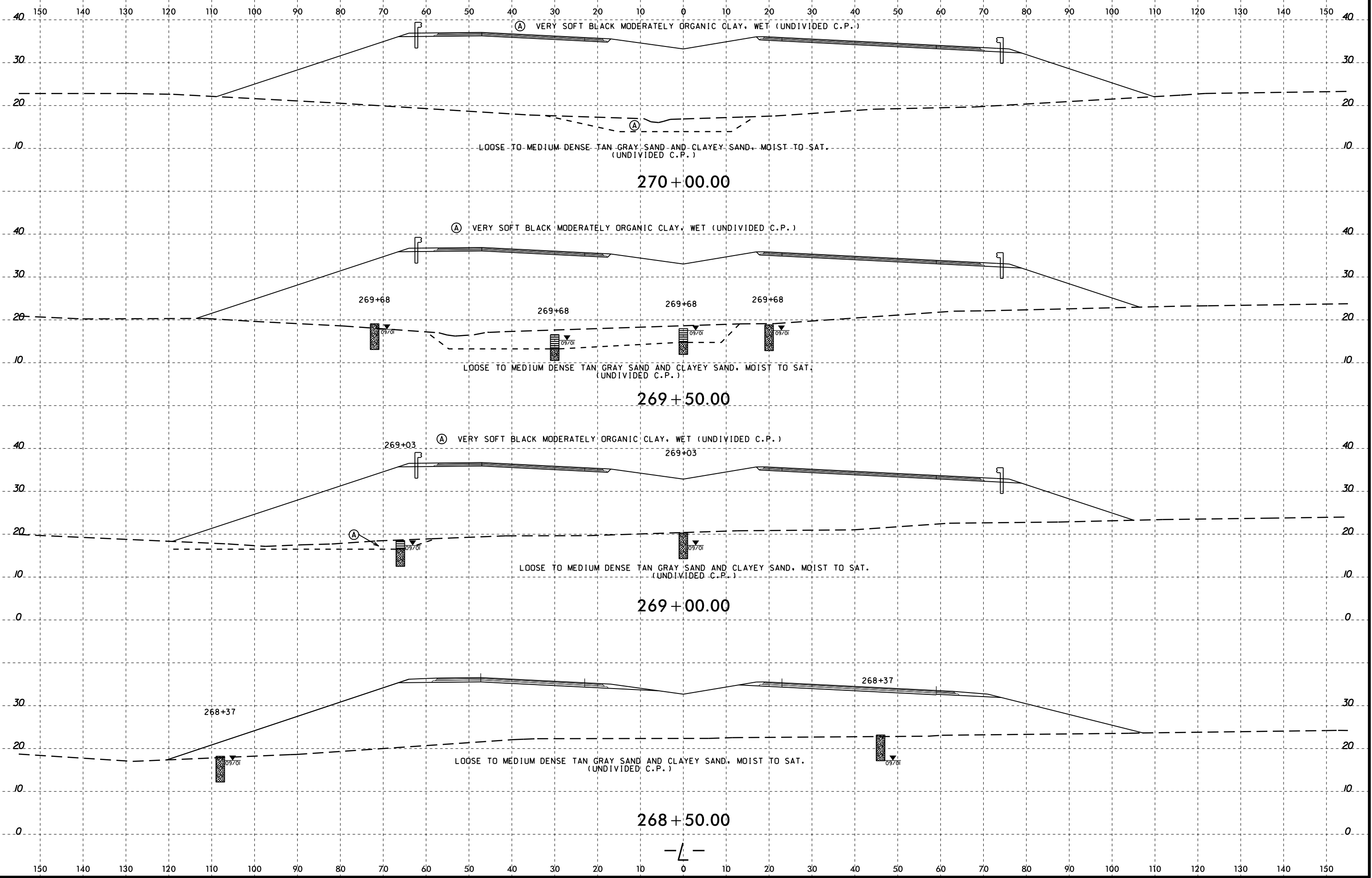
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 Atty: G. Turner

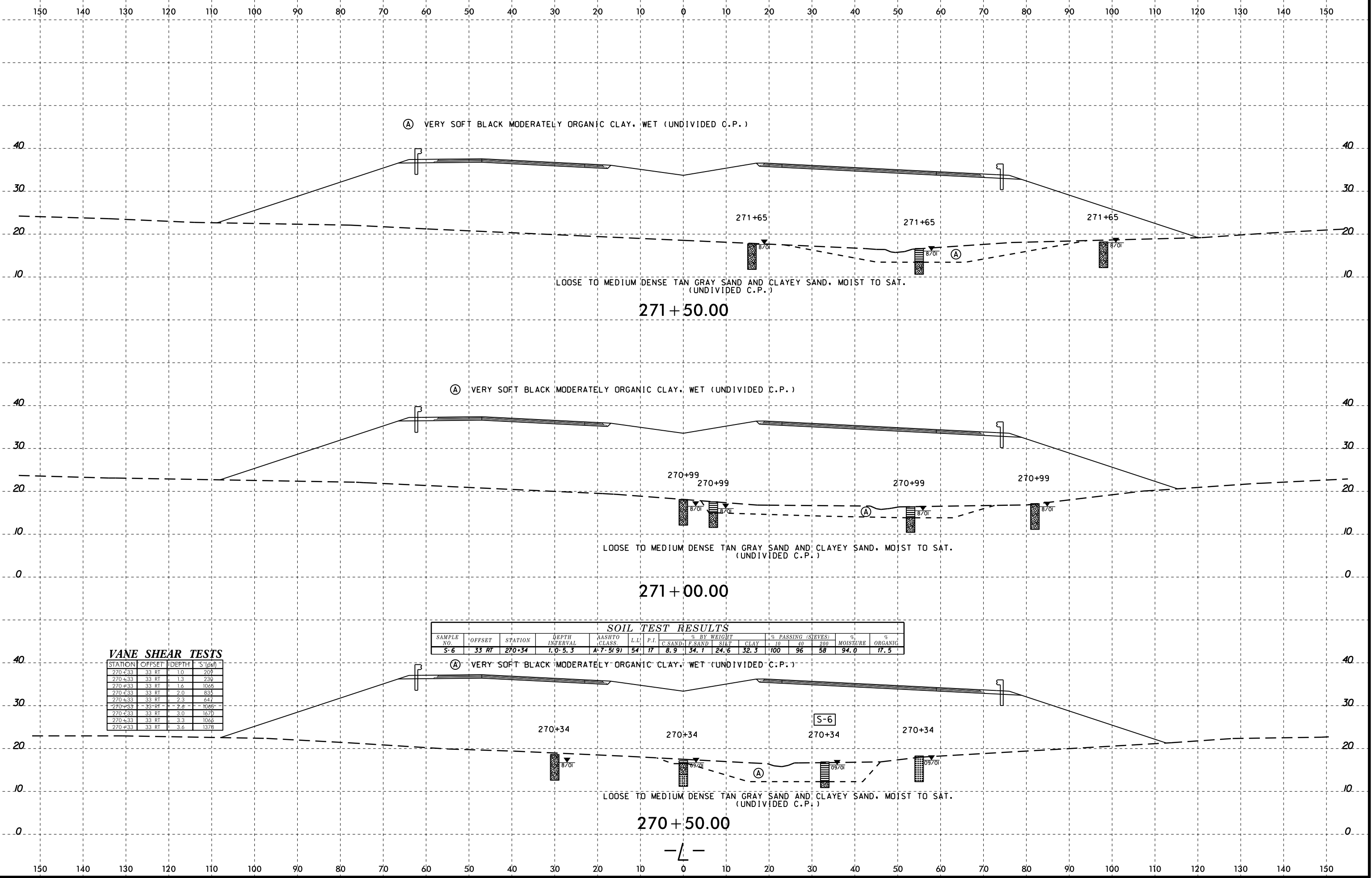
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 Atty: UEG/77330
 G. Turner

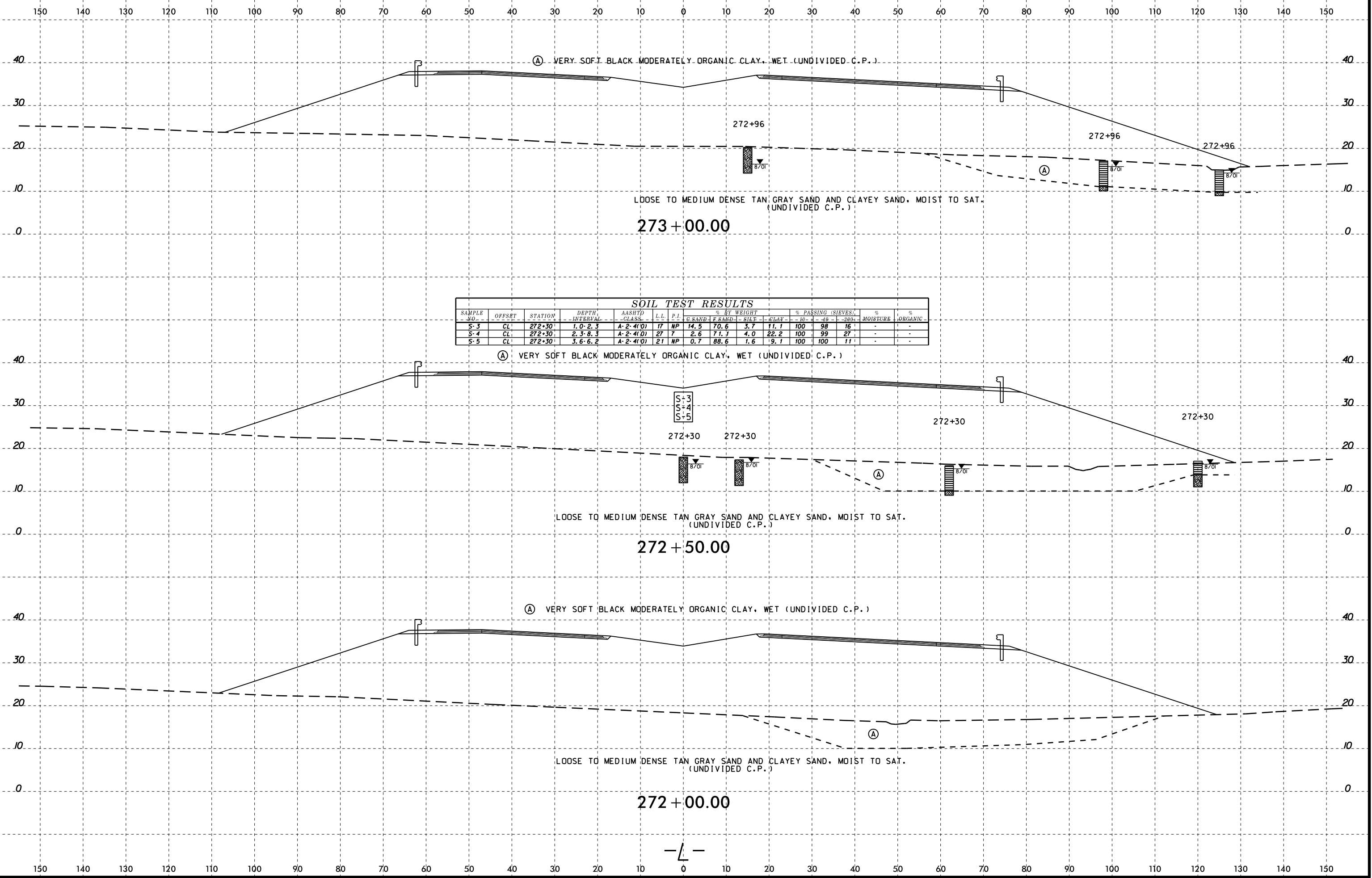
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VANE SHEAR TESTS

STATION	OFFSET	DEPTH	S (psf)
270+33	33 RT	1.0	209
270+33	33 RT	1.3	236
270+33	33 RT	1.6	1065
270+33	33 RT	2.0	835
270+33	33 RT	2.3	644
270+33	33 RT	2.6	1065
270+33	33 RT	3.0	1670
270+33	33 RT	3.3	1065
270+33	33 RT	3.6	1378

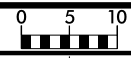
SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C.SAND	F.SAND	SILT	CLAY	10	40	200		
S-6	33 RT	270+34	1.0-5.3	A-7-5(9)	54	17	8.9	34.1	24.6	32.3	100	96	58	94.0	17.5



SOIL TEST RESULTS

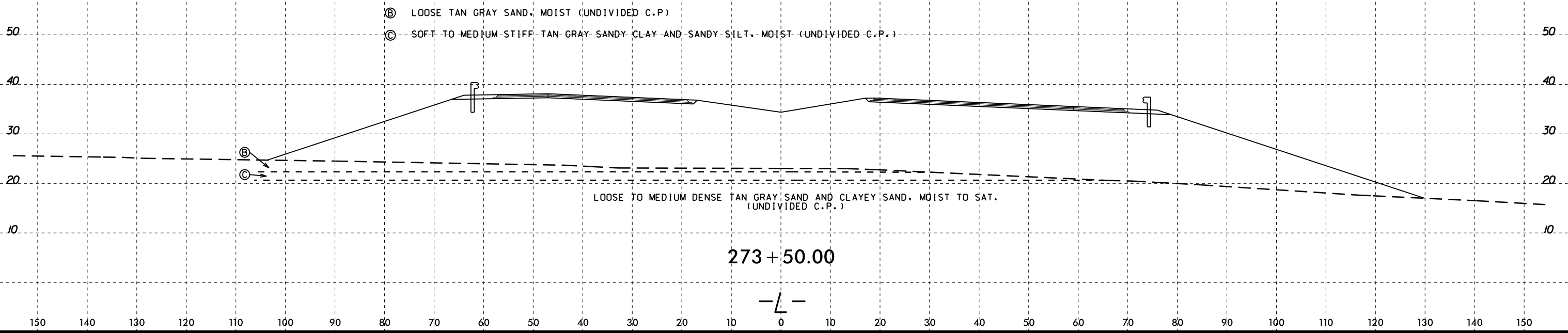
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							C. SAND	F SAND	SILT	CLAY	-10	-40	-200		
S-3	CL	272+30	1.0-2.3	A-2-4(0)	17	NP	14.5	70.6	3.7	11.1	100	98	16	-	-
S-4	CL	272+30	2.3-8.3	A-2-4(0)	27	7	2.6	71.7	4.0	22.2	100	99	27	-	-
S-5	CL	272+30	3.6-6.2	A-2-4(0)	21	NP	0.7	88.6	1.6	9.1	100	100	11	-	-

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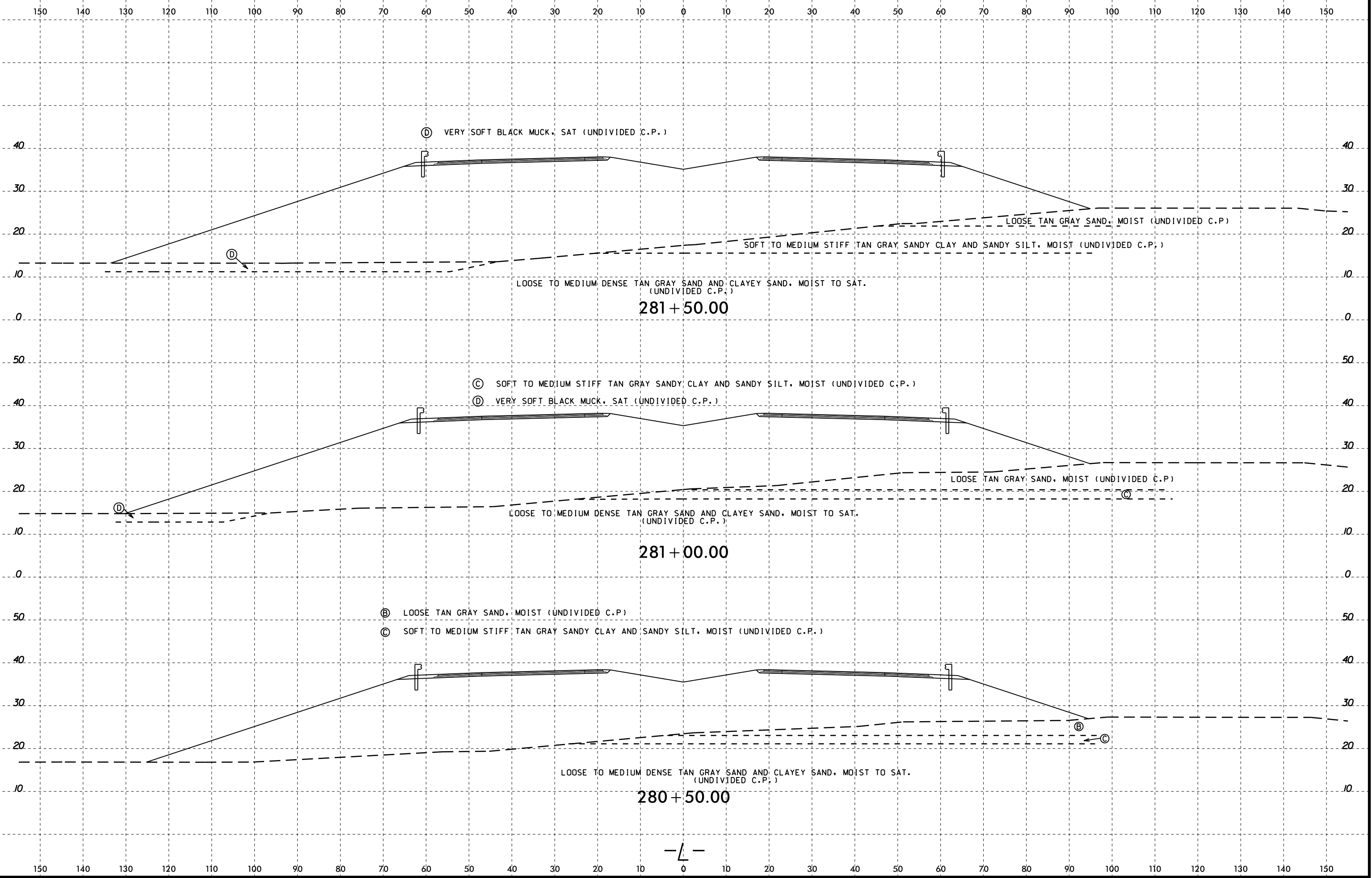


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R-1015	133

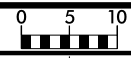
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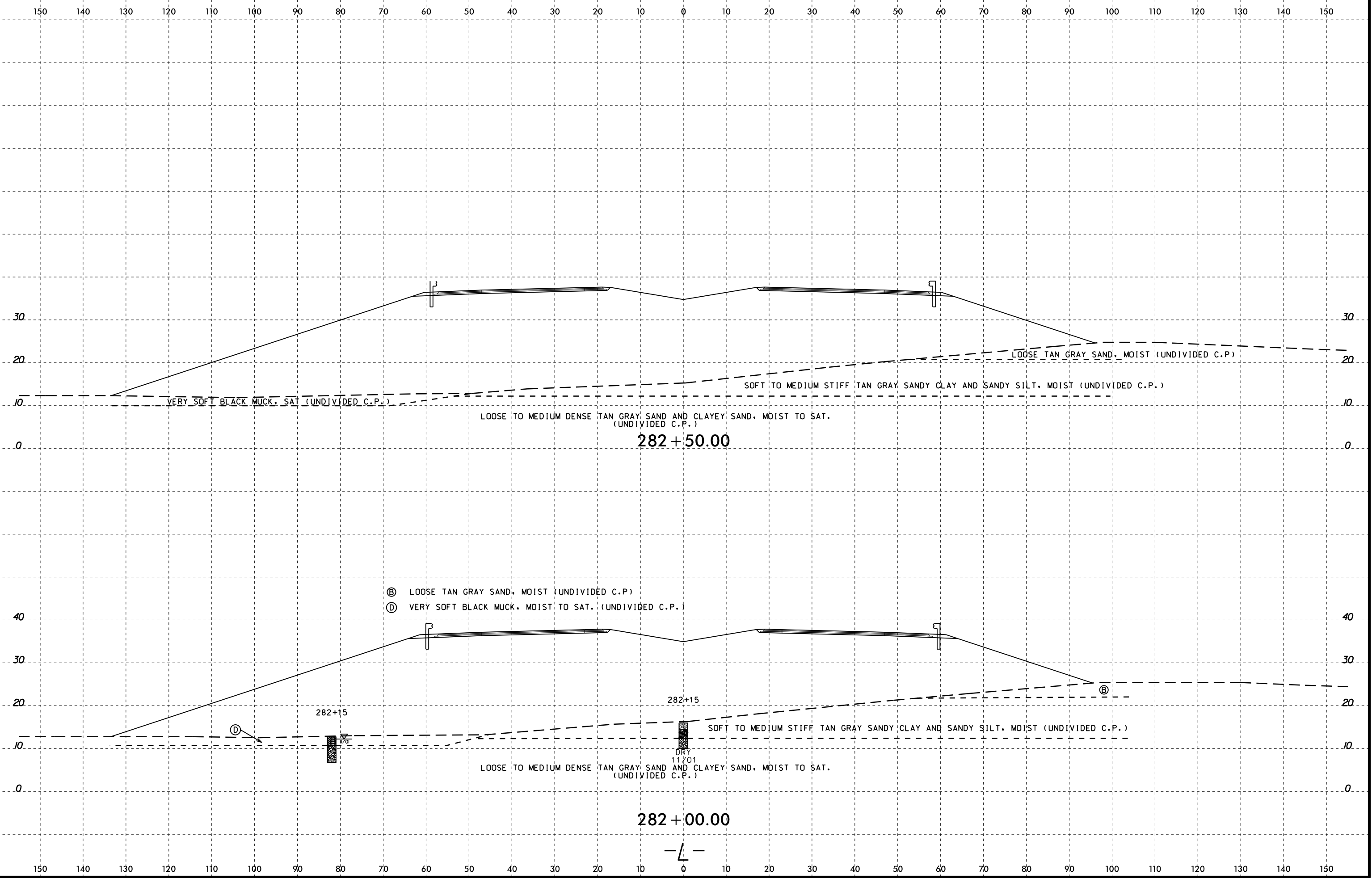
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 At: 06/27/2013
 By: G. Turner



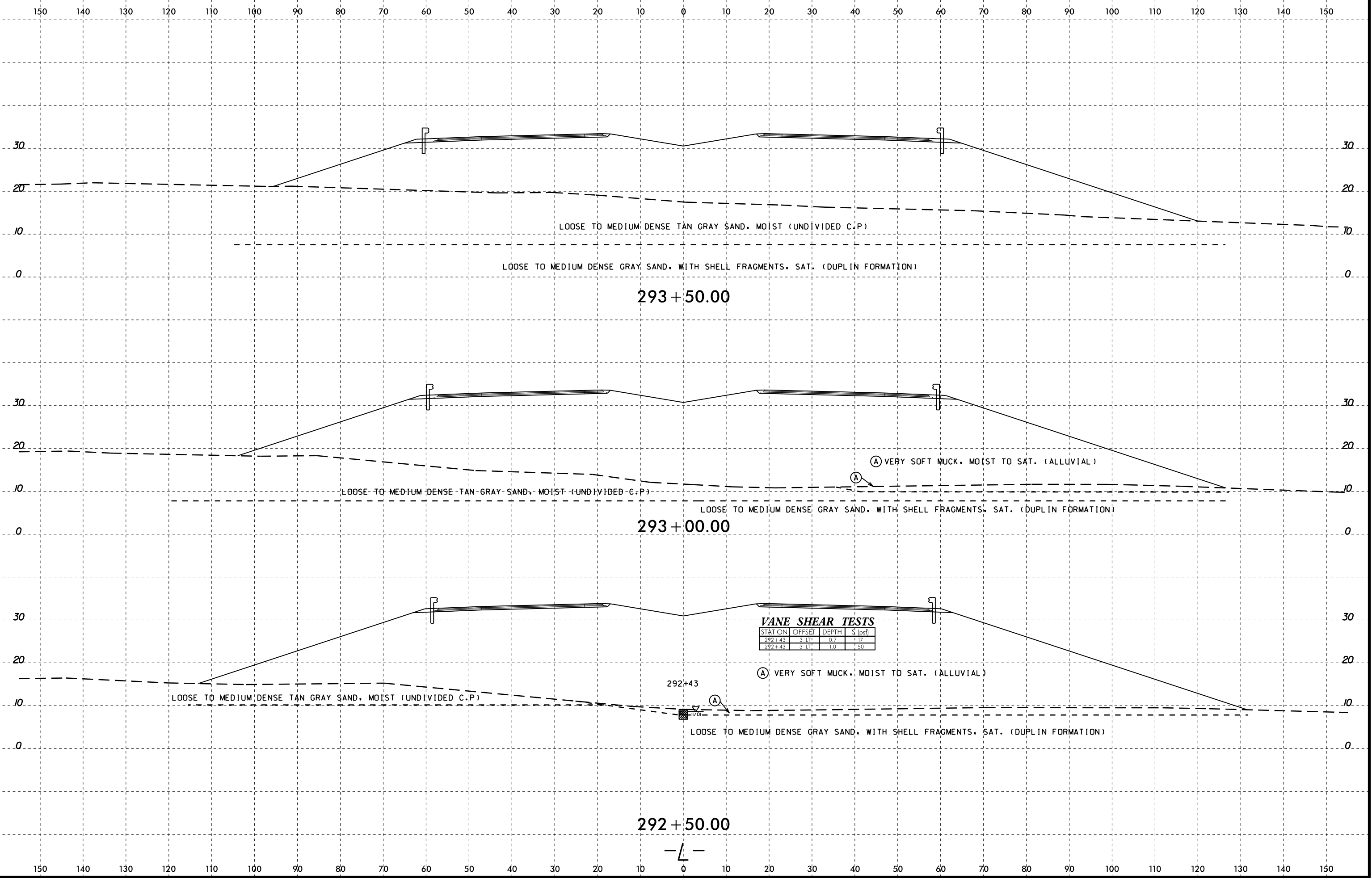
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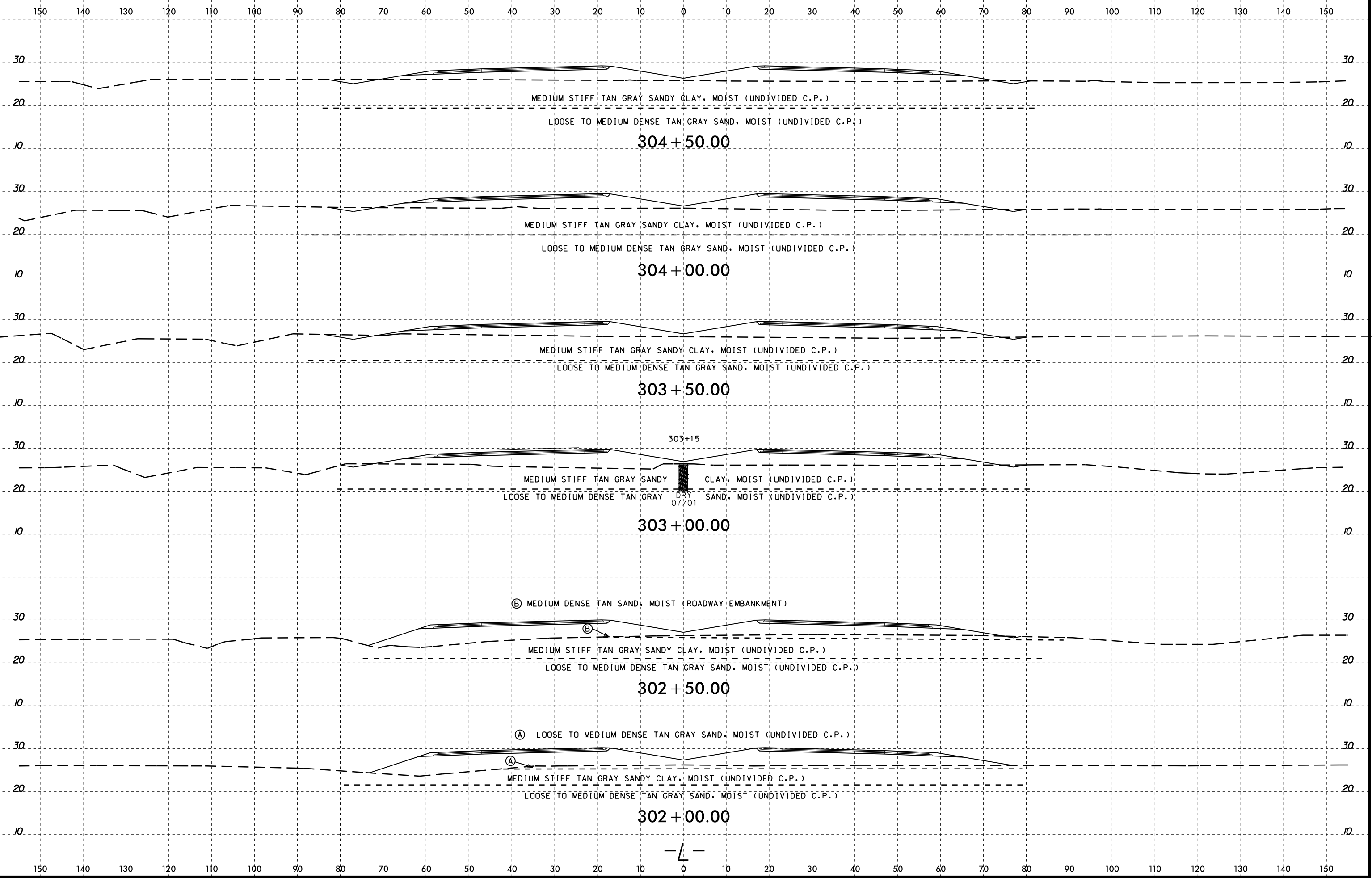
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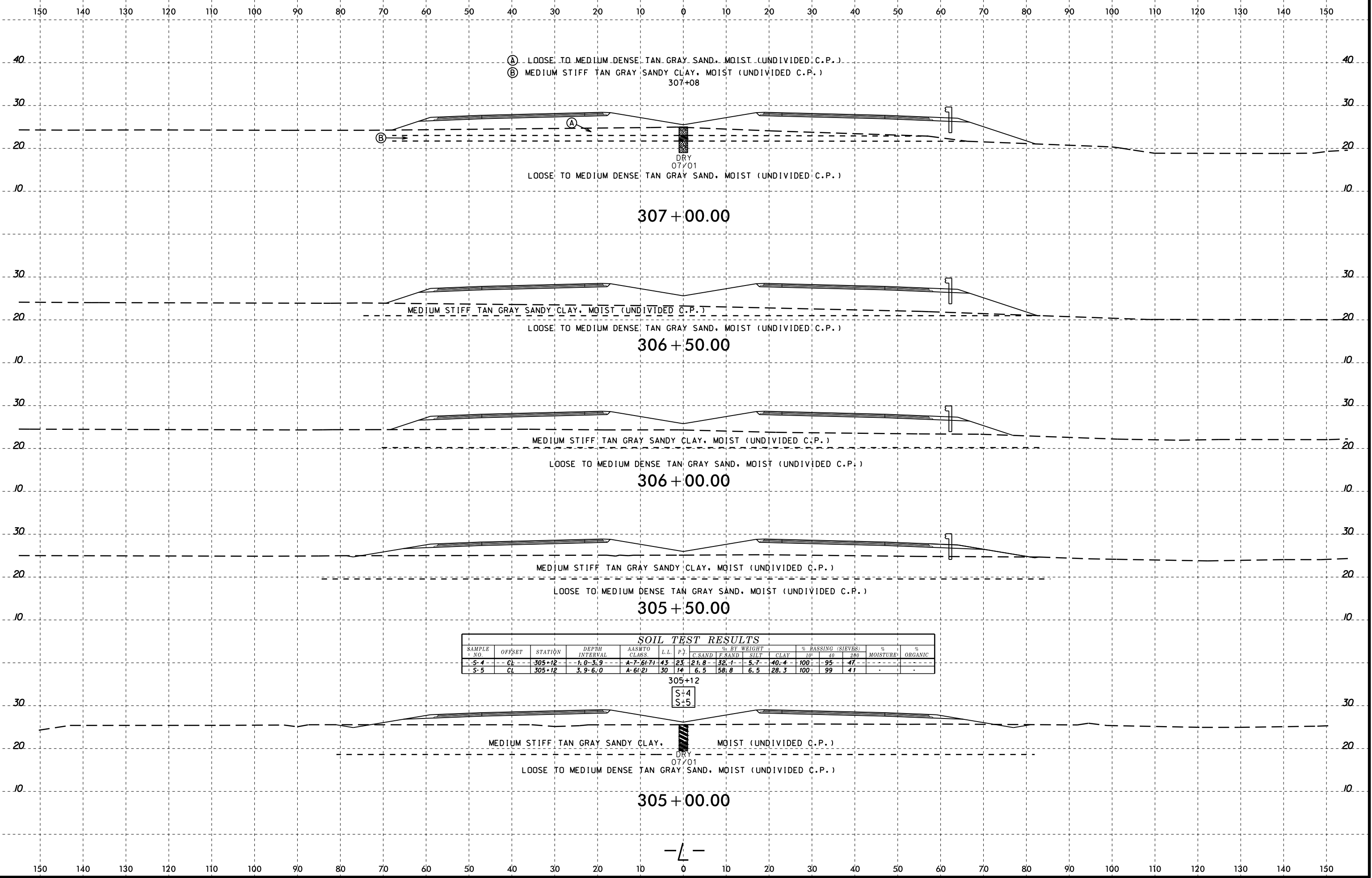
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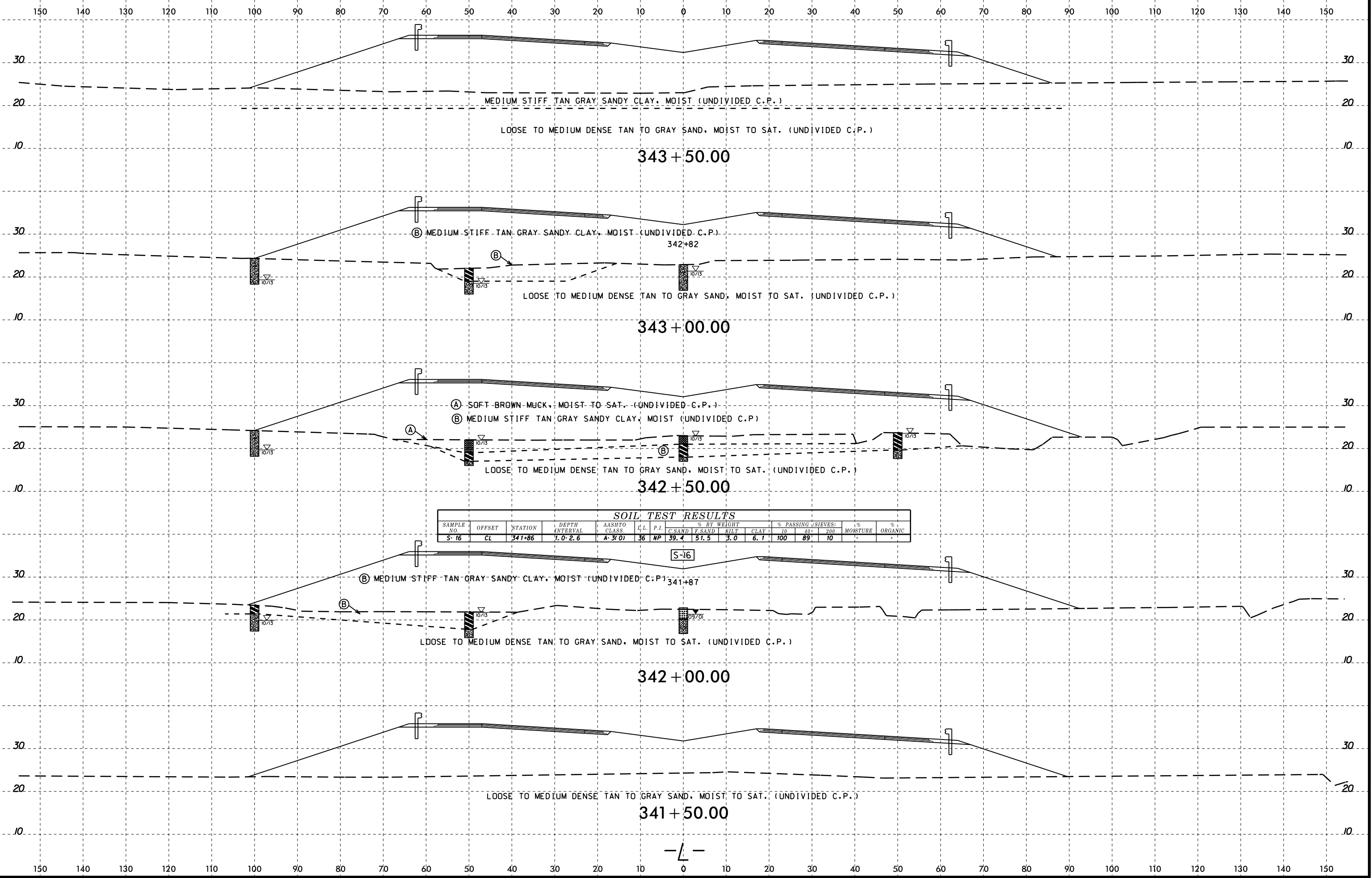


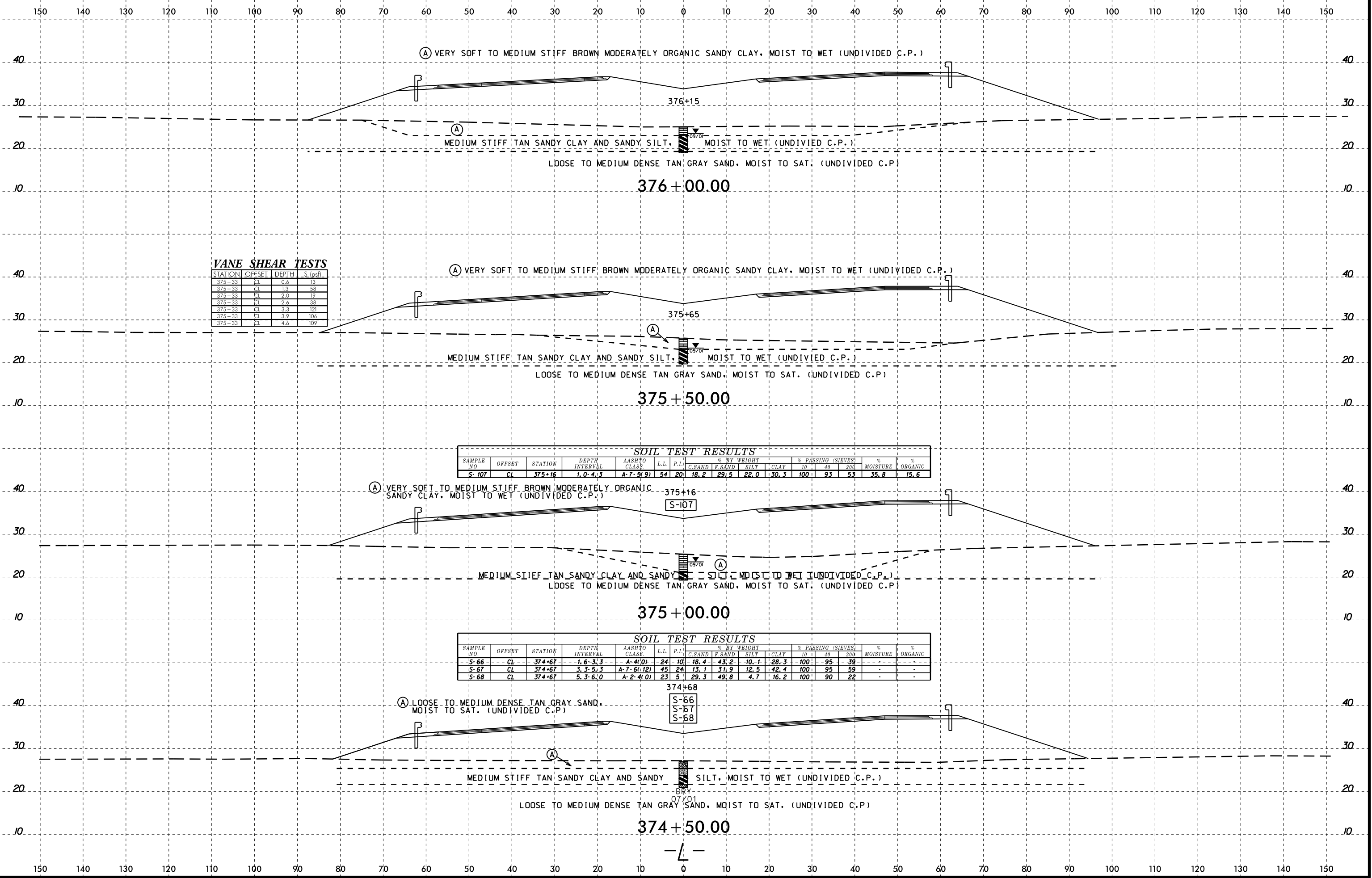
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Aly:GEG77330
Co:Turner



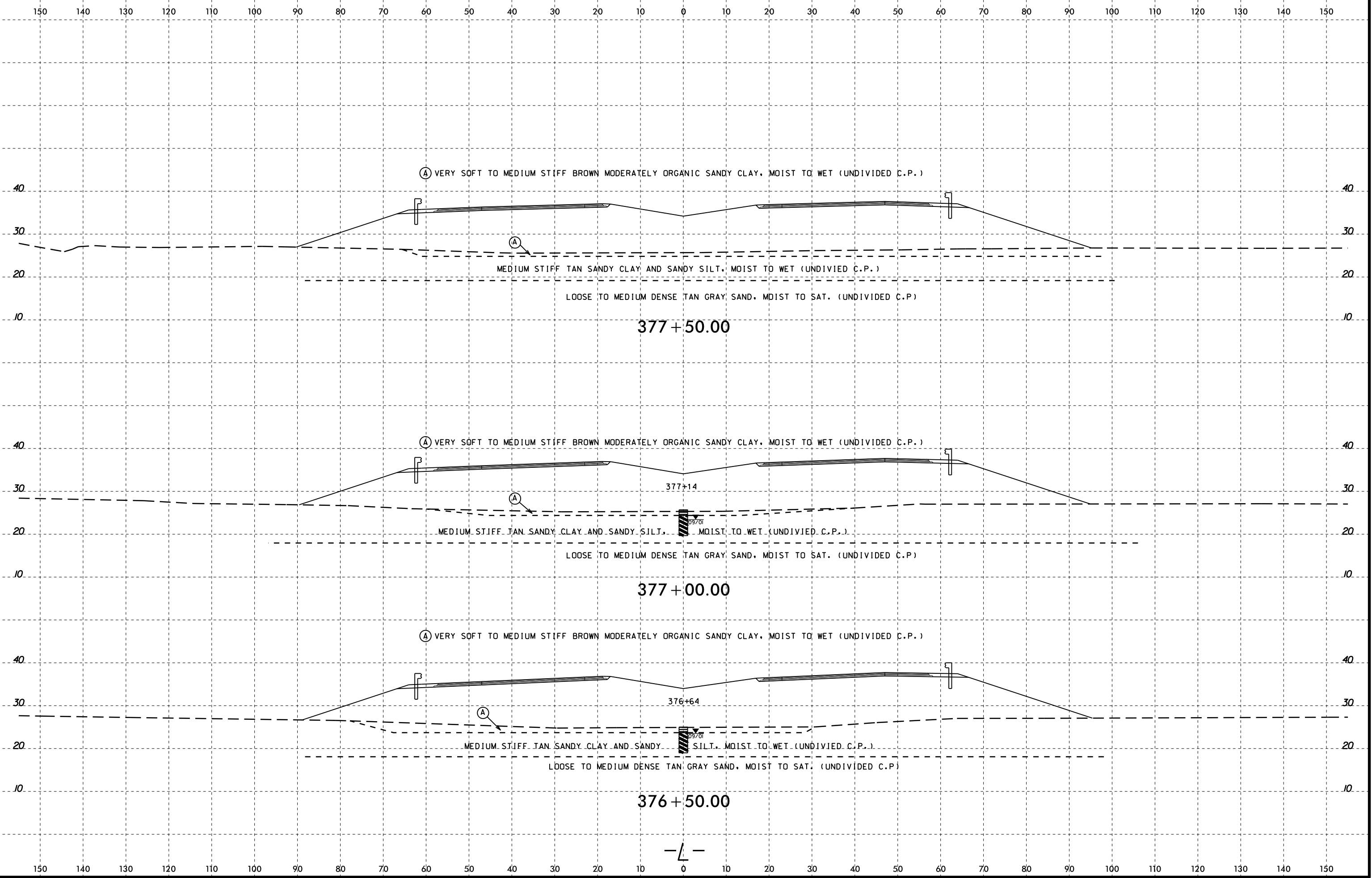
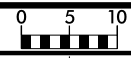
SOIL TEST RESULTS

SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT			% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	100	40		
S-4	CL	305+12	1.0-3.9	A-7(61-7)	43	23	21.8	32.1	5.7	40.4	100	95	47	
S-5	CL	305+12	3.9-6.0	A-6(2)	30	14	6.5	58.8	6.5	28.3	100	99	41	





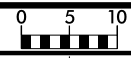
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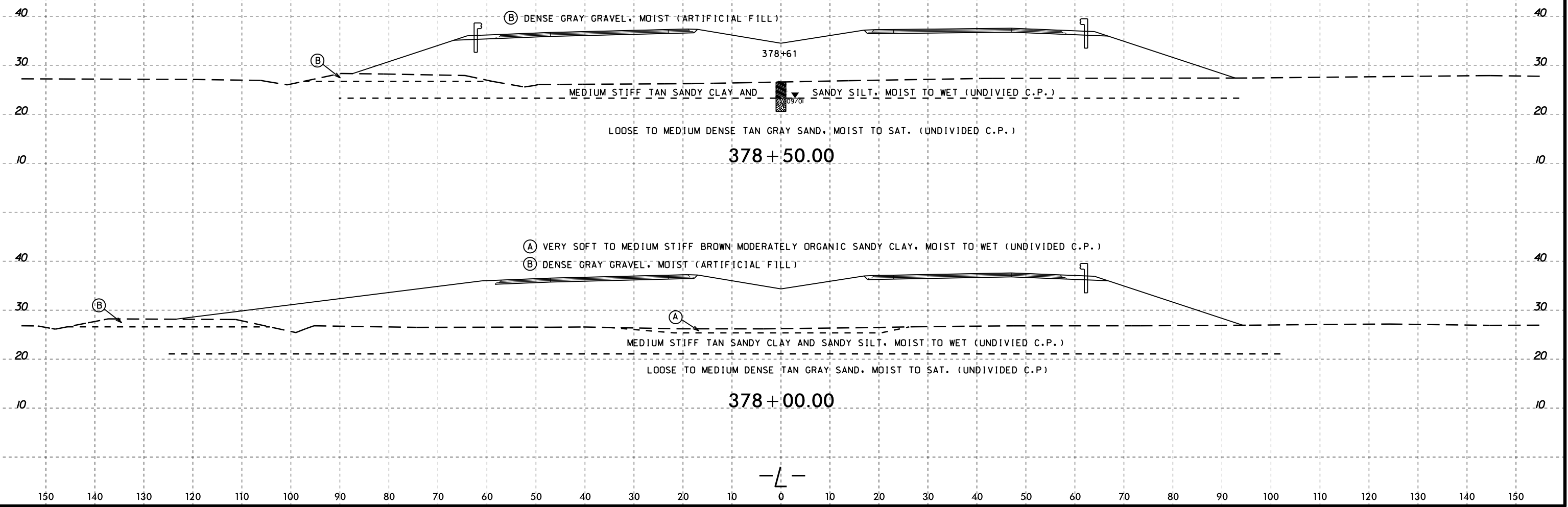
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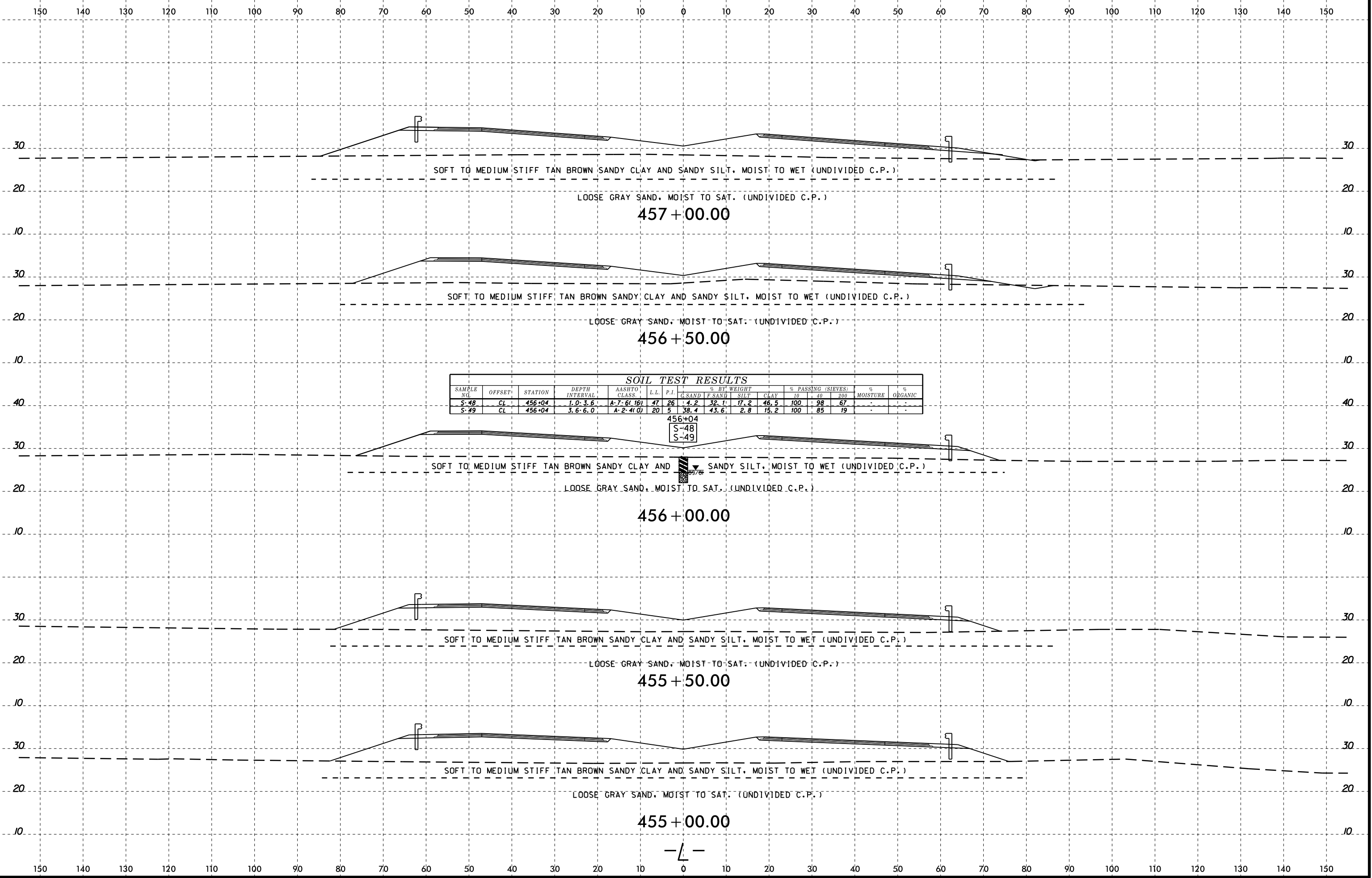
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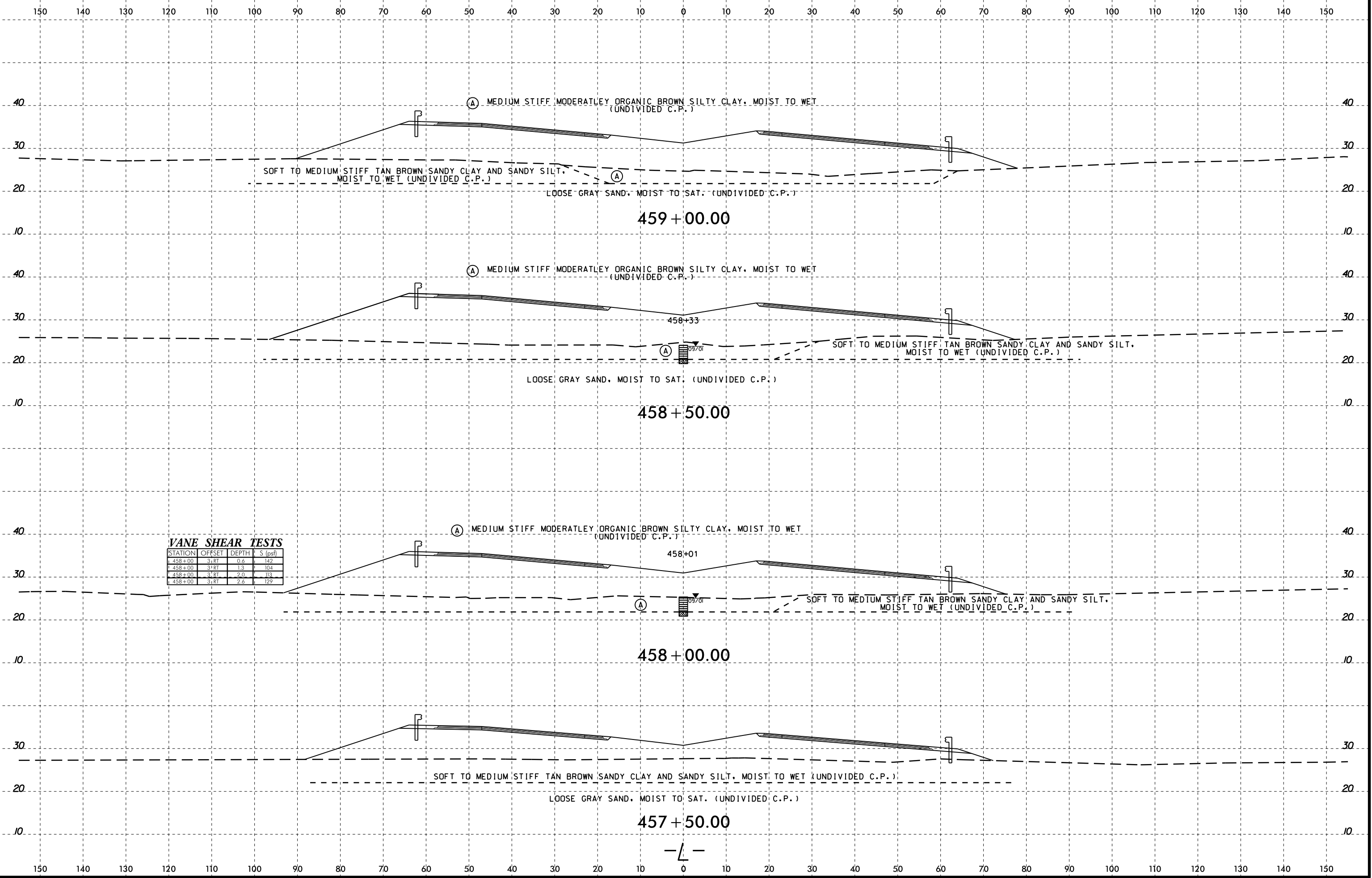
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 Atty: GEG/7/23/99
 G. Turner

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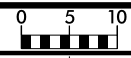




VANE SHEAR TESTS

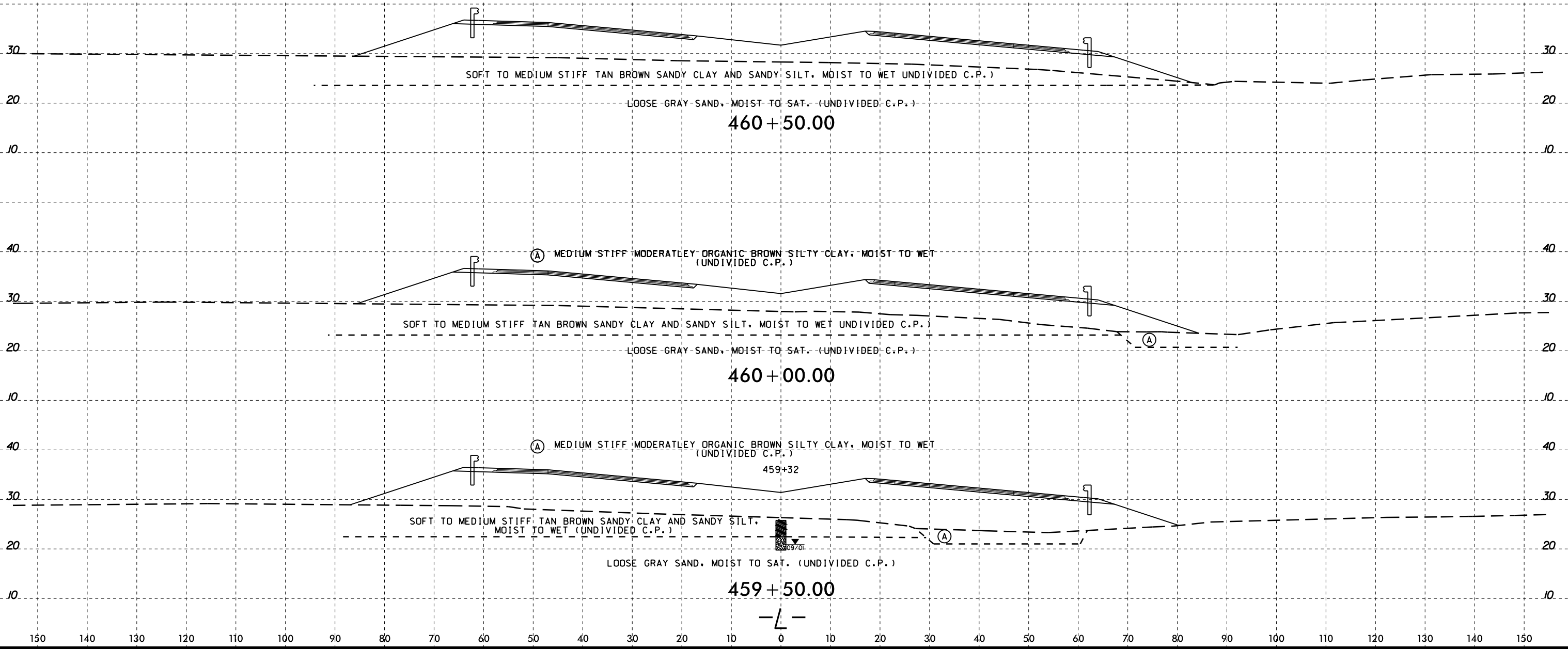
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458+00	3' RT	0.6	142
458+00	3' RT	1.3	104
458+00	3' RT	2.0	113
458+00	3' RT	2.6	129

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PROJ. REFERENCE NO.	SHEET NO.
R-1015	145

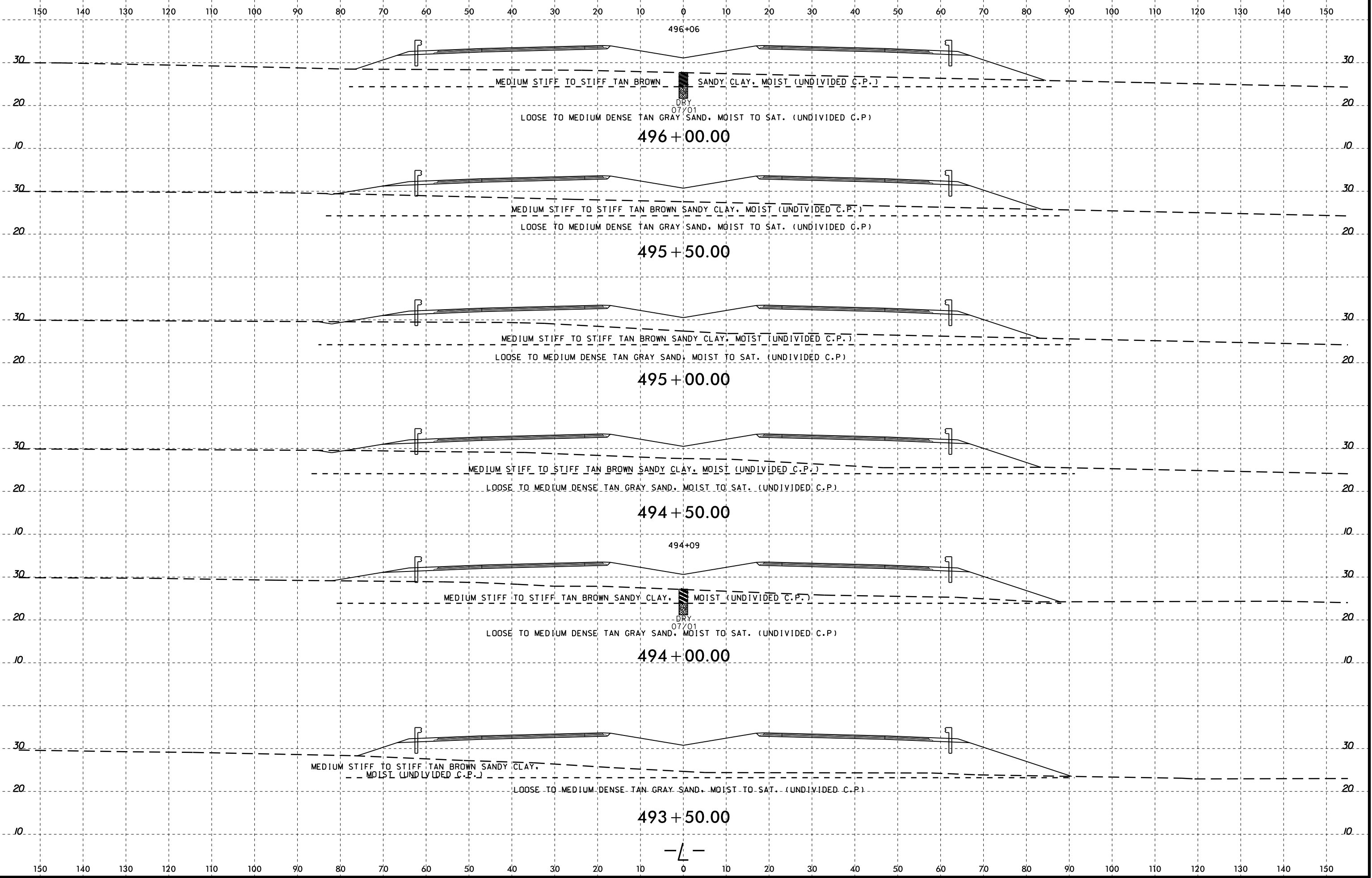
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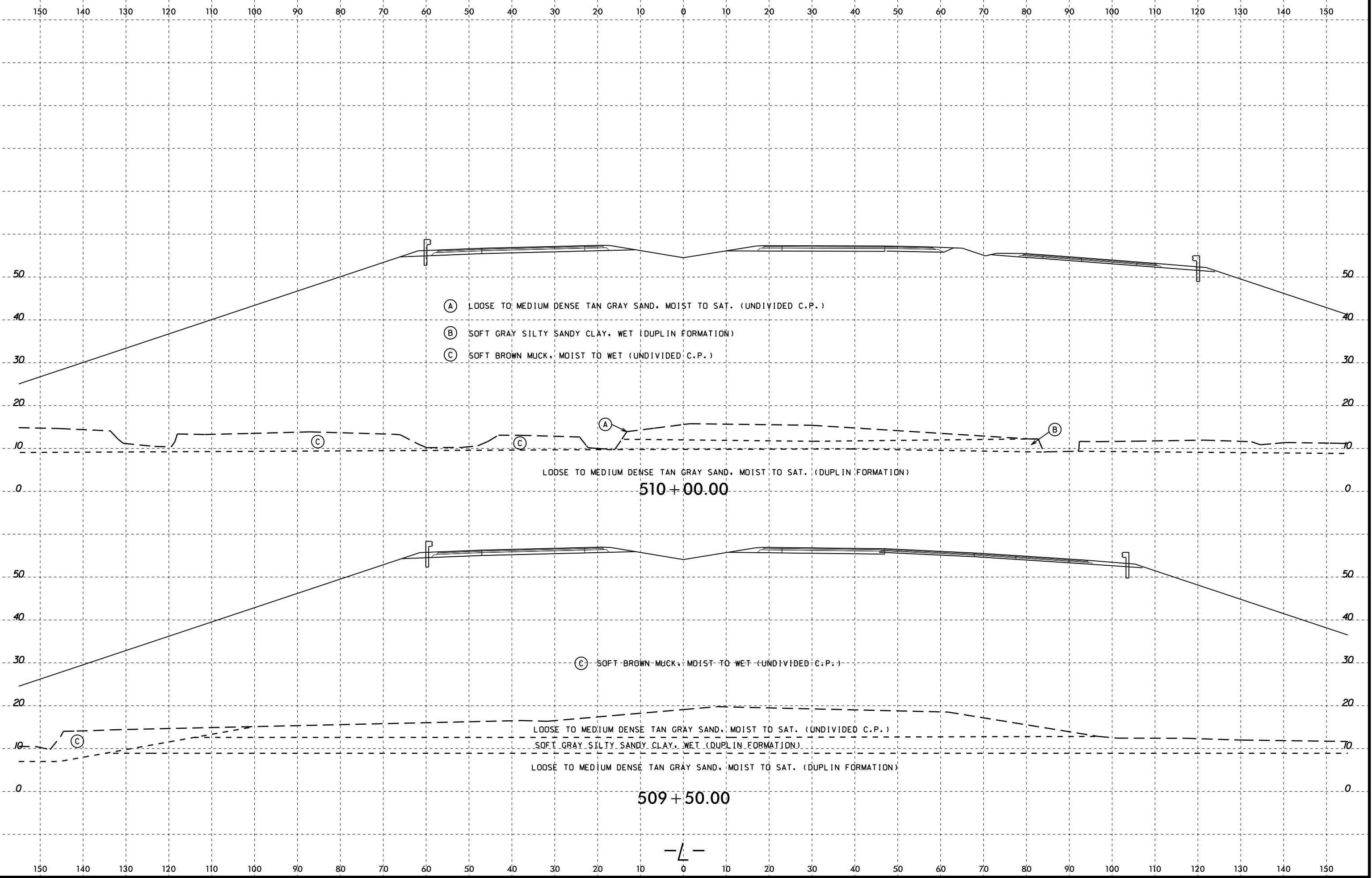
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 Atty: G. Turner

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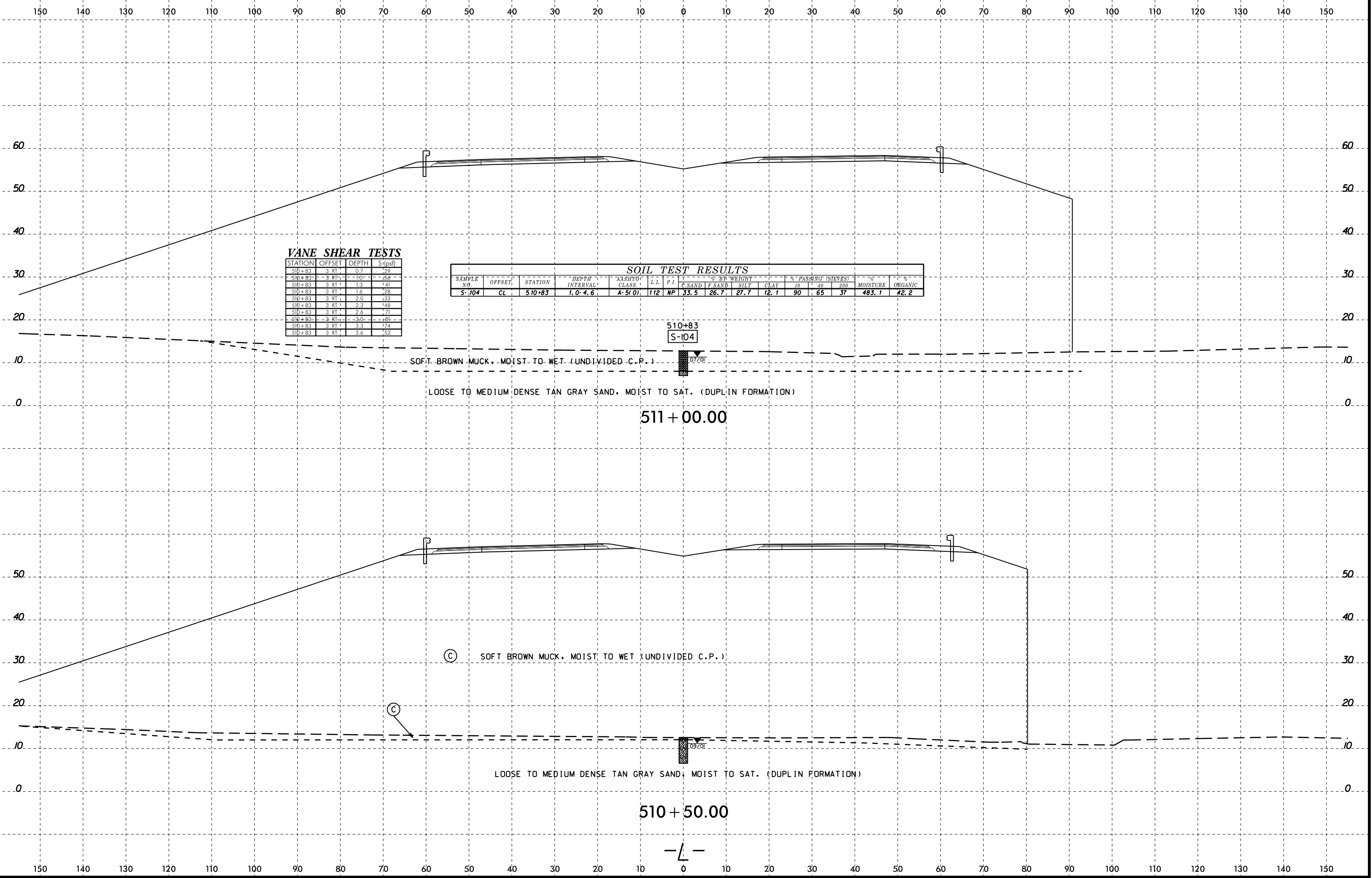
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G. Turner



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 G. Turner



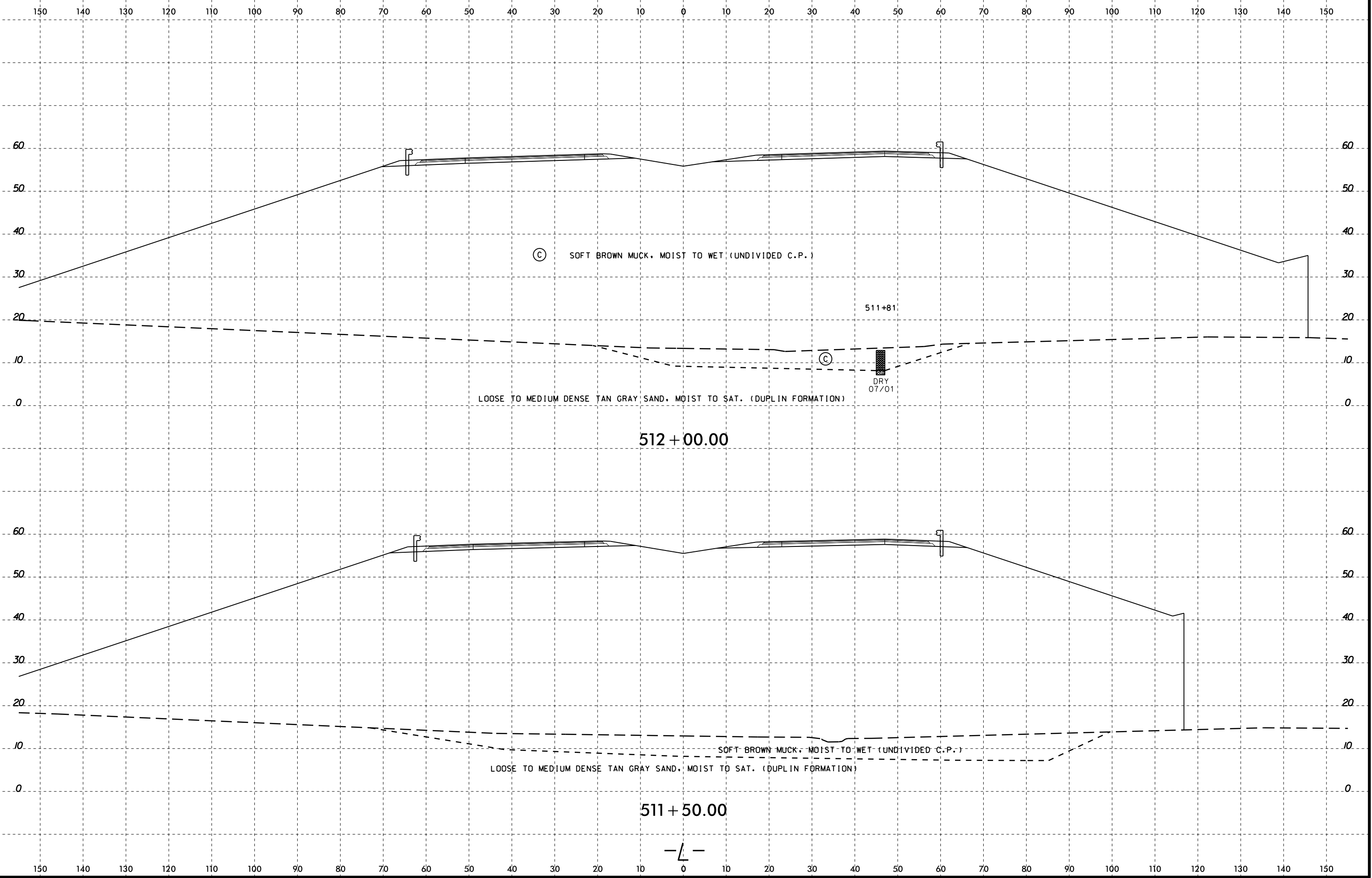
VANE SHEAR TESTS

STATION	OFFSET	DEPTH	S (psf)
510+83	3 RT	0.7	129
510+83	3 RT	1.0	141
510+83	3 RT	1.3	141
510+83	3 RT	1.6	128
510+83	3 RT	2.0	133
510+83	3 RT	2.3	148
510+83	3 RT	2.6	171
510+83	3 RT	3.0	181
510+83	3 RT	3.3	174
510+83	3 RT	3.6	152

SOIL TEST RESULTS

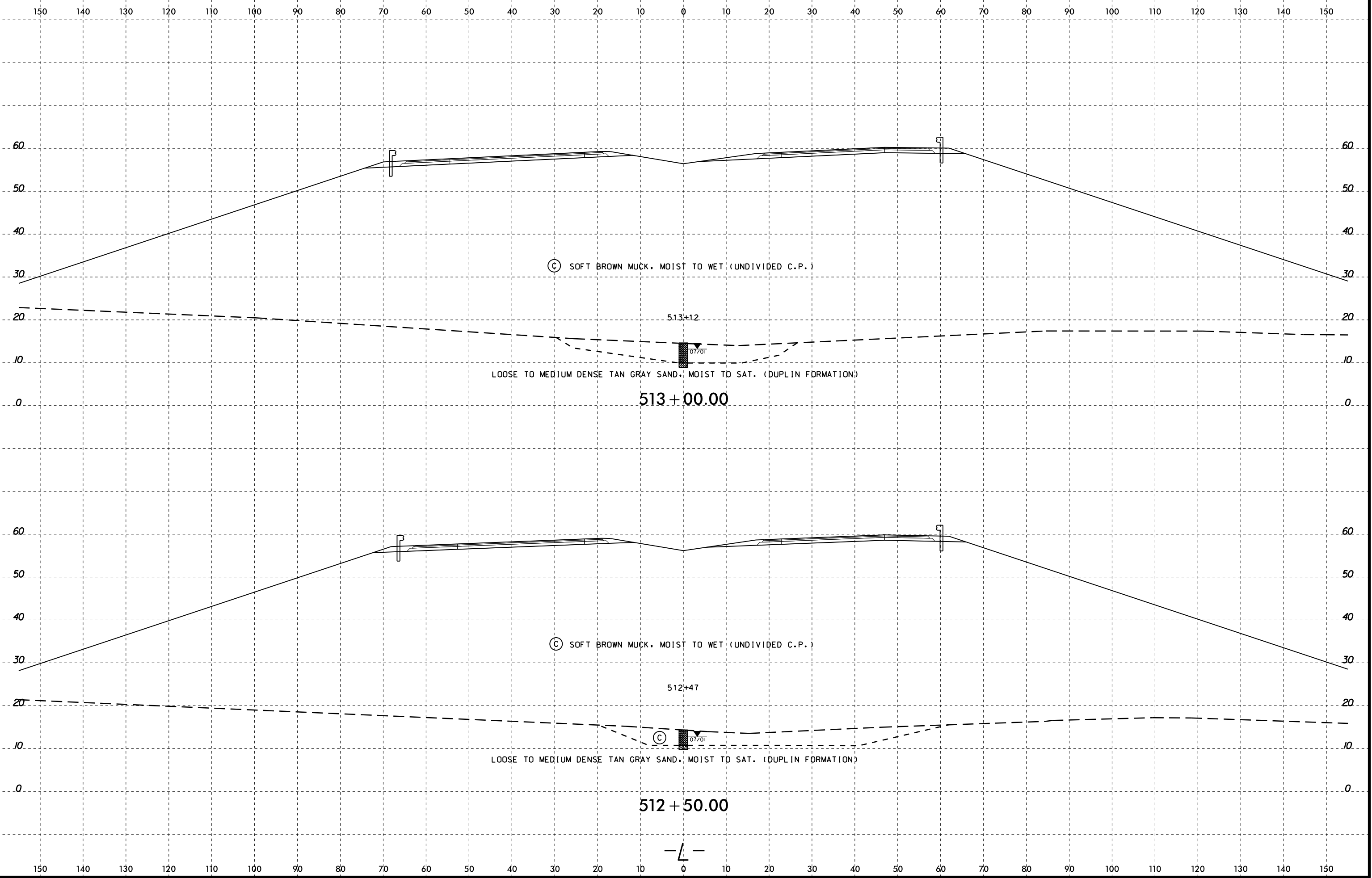
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							C SAND	F SAND	SILT	CLAY	10	40	200		
S-104	CL	510+83	1.0-4.6	A-5(0)	112	NP	33.5	26.7	27.7	12.1	90	65	37	483.1	42.2

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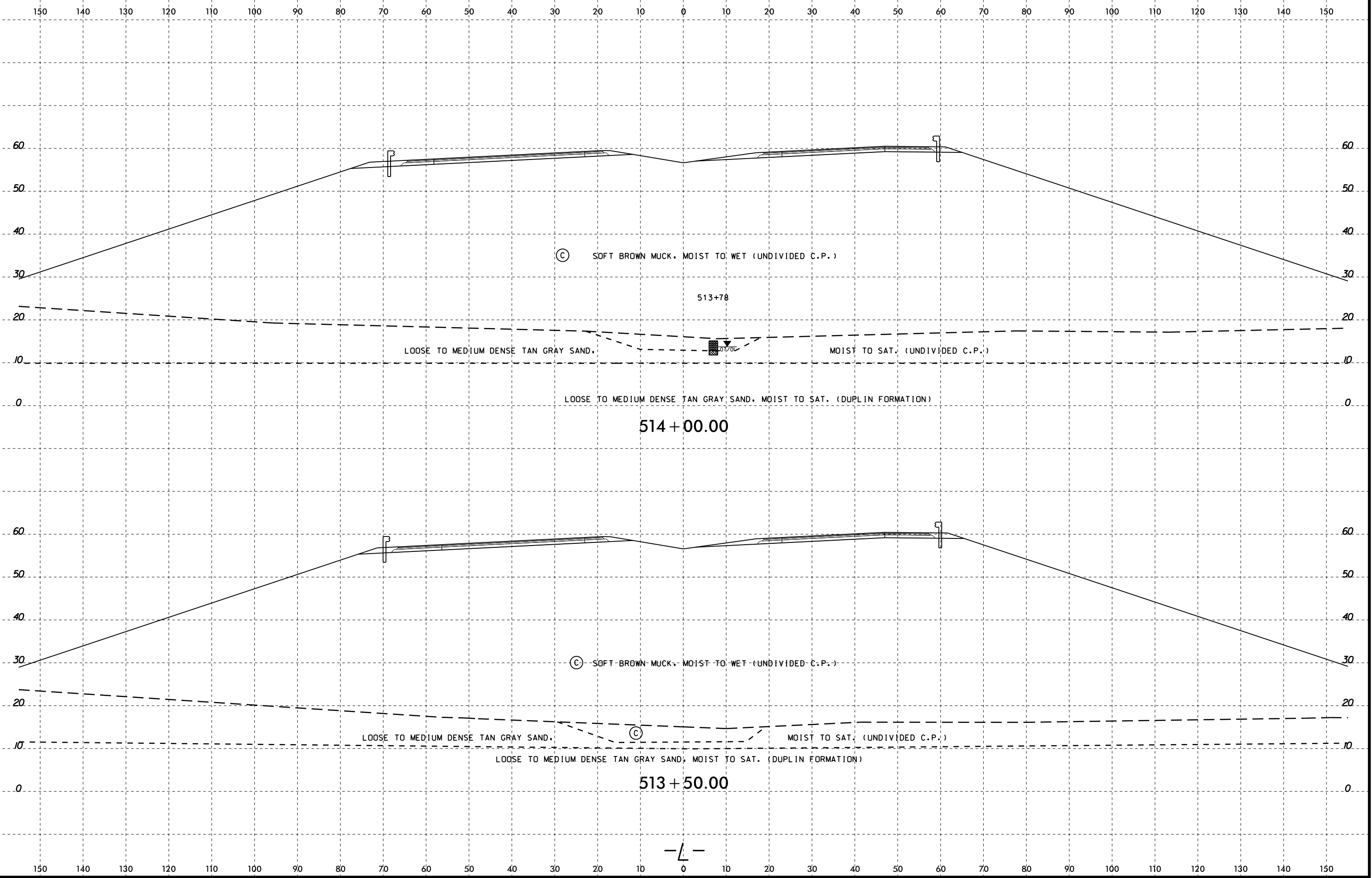
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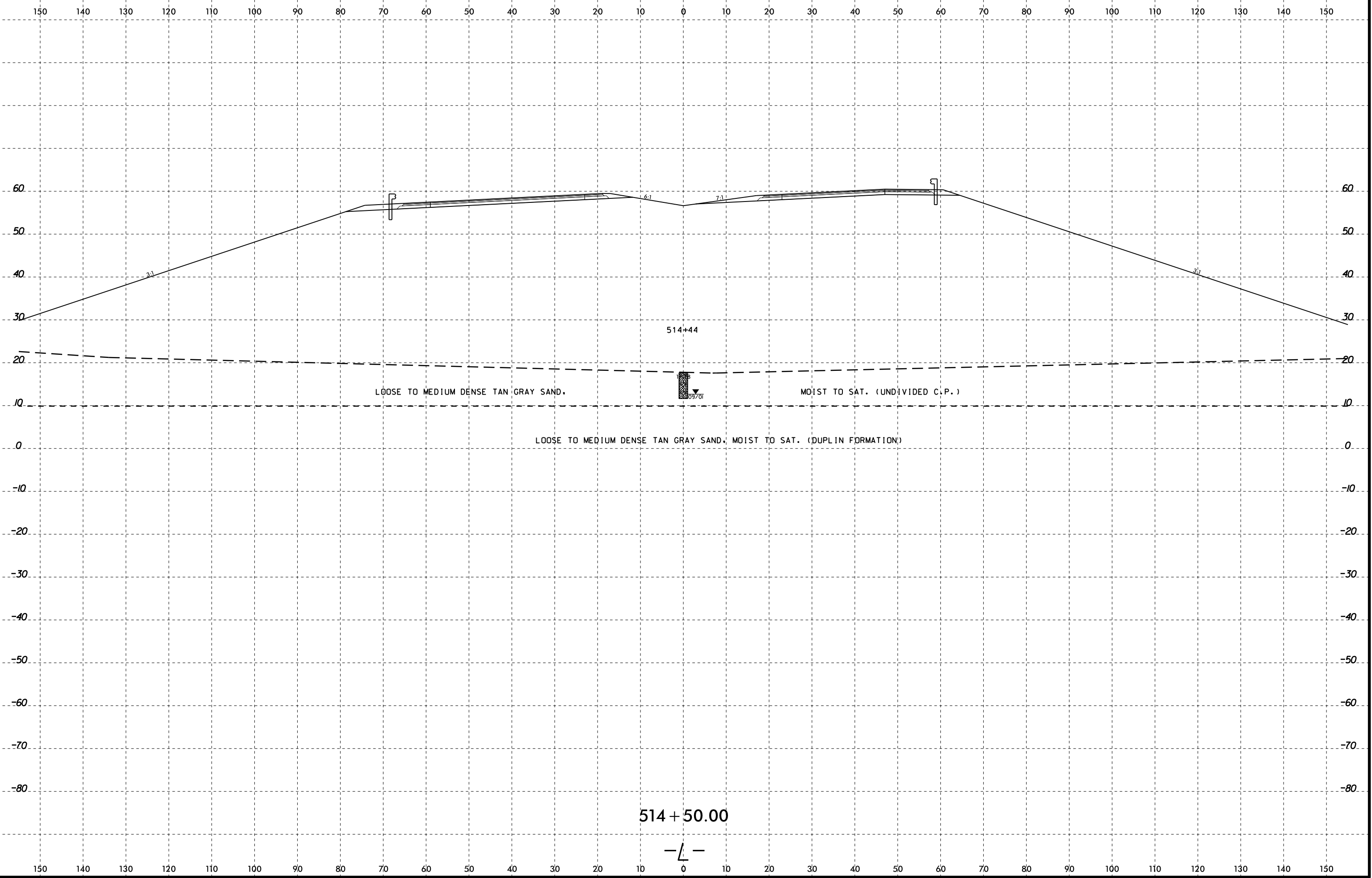
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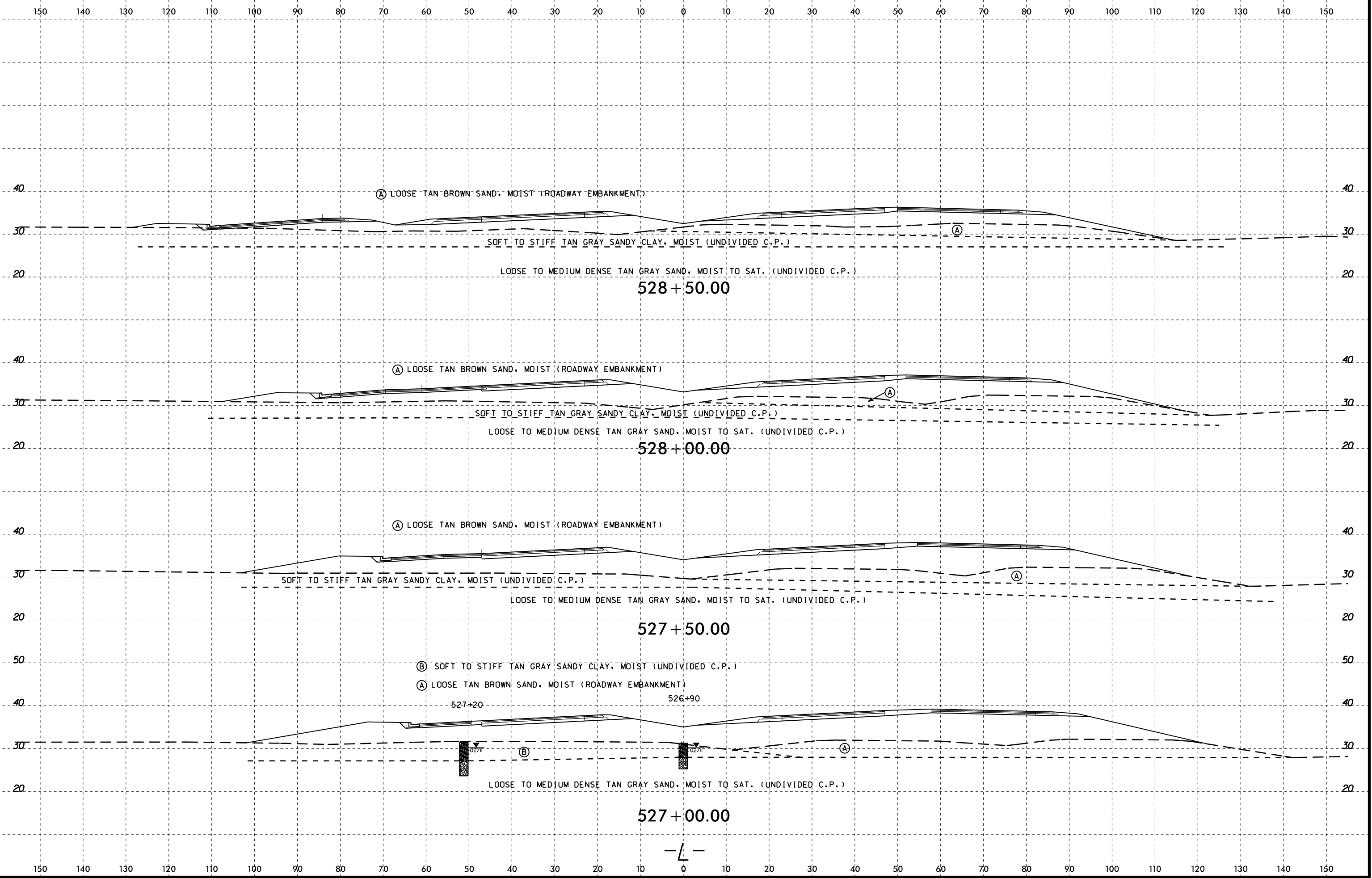
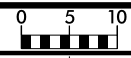
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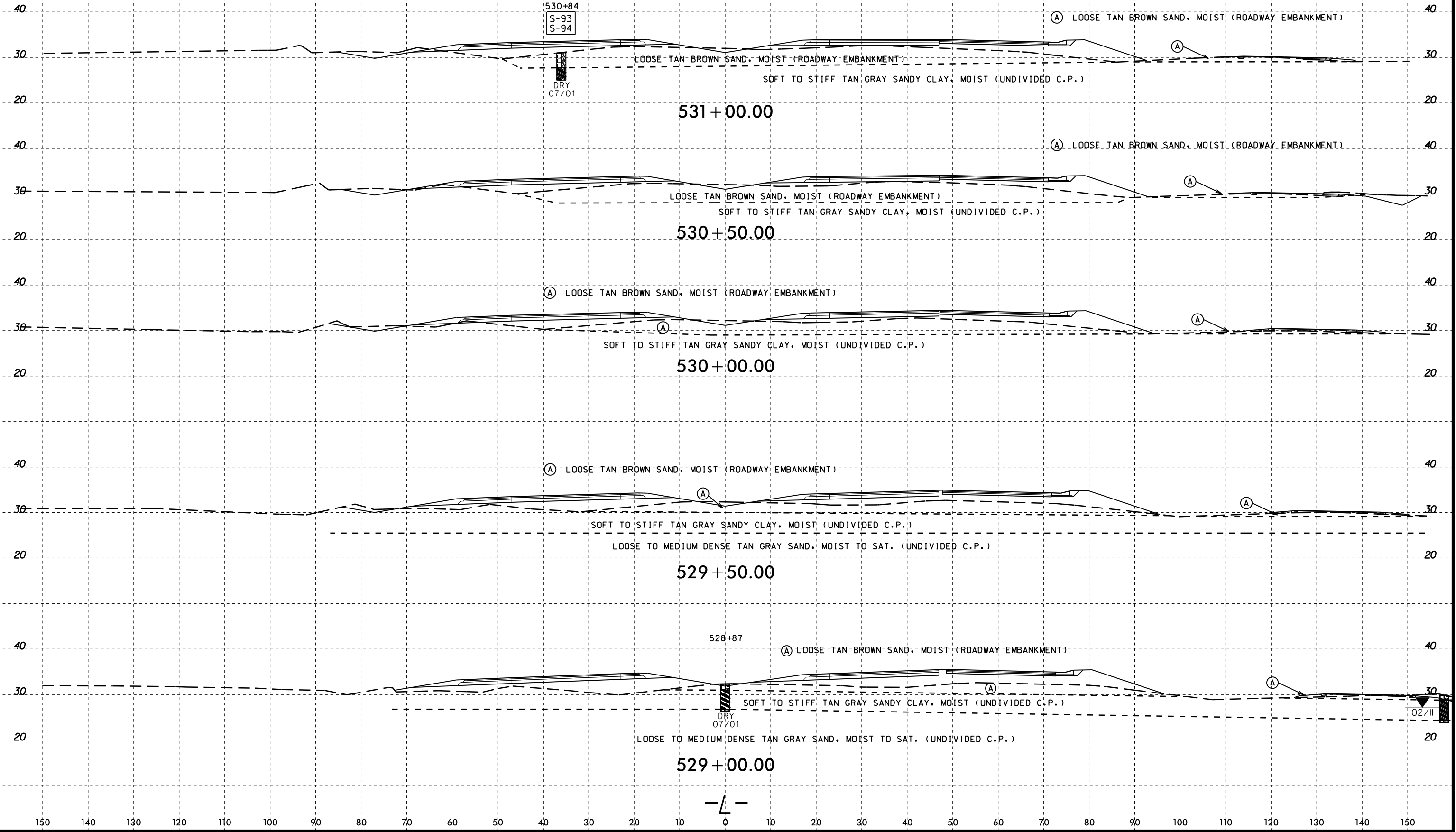
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 G. Turner

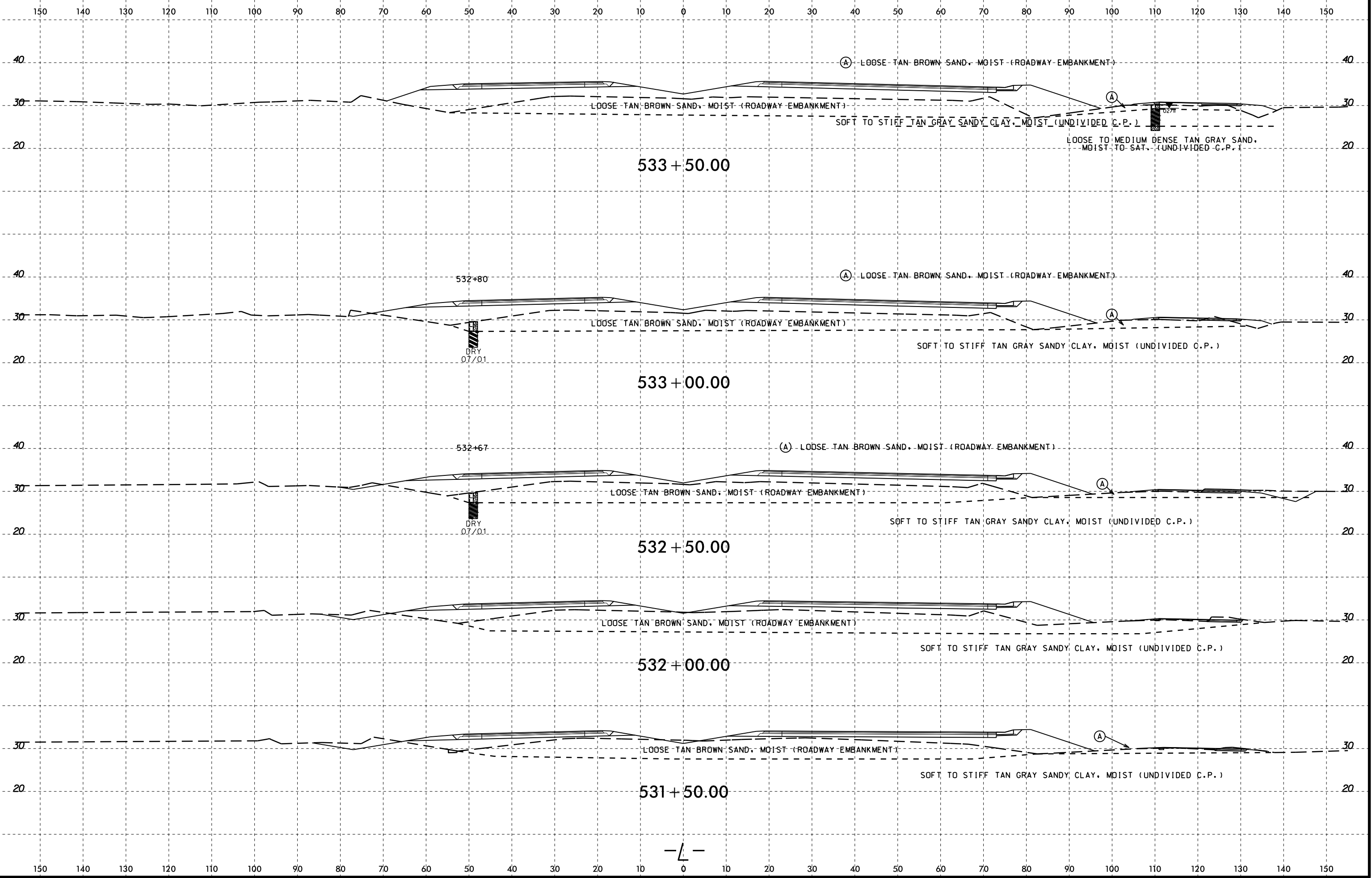
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SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	10	40	200		
S-93	36 LT	530+84	1.0-3.3	A-2-4(0)	22	2	6.1	65.7	10.1	18.2	93	91	28	-	-
S-94	36 LT	530+84	3.3-6.0	A-6(1)	25	11	2.4	63.6	5.7	28.3	100	100	42	-	-



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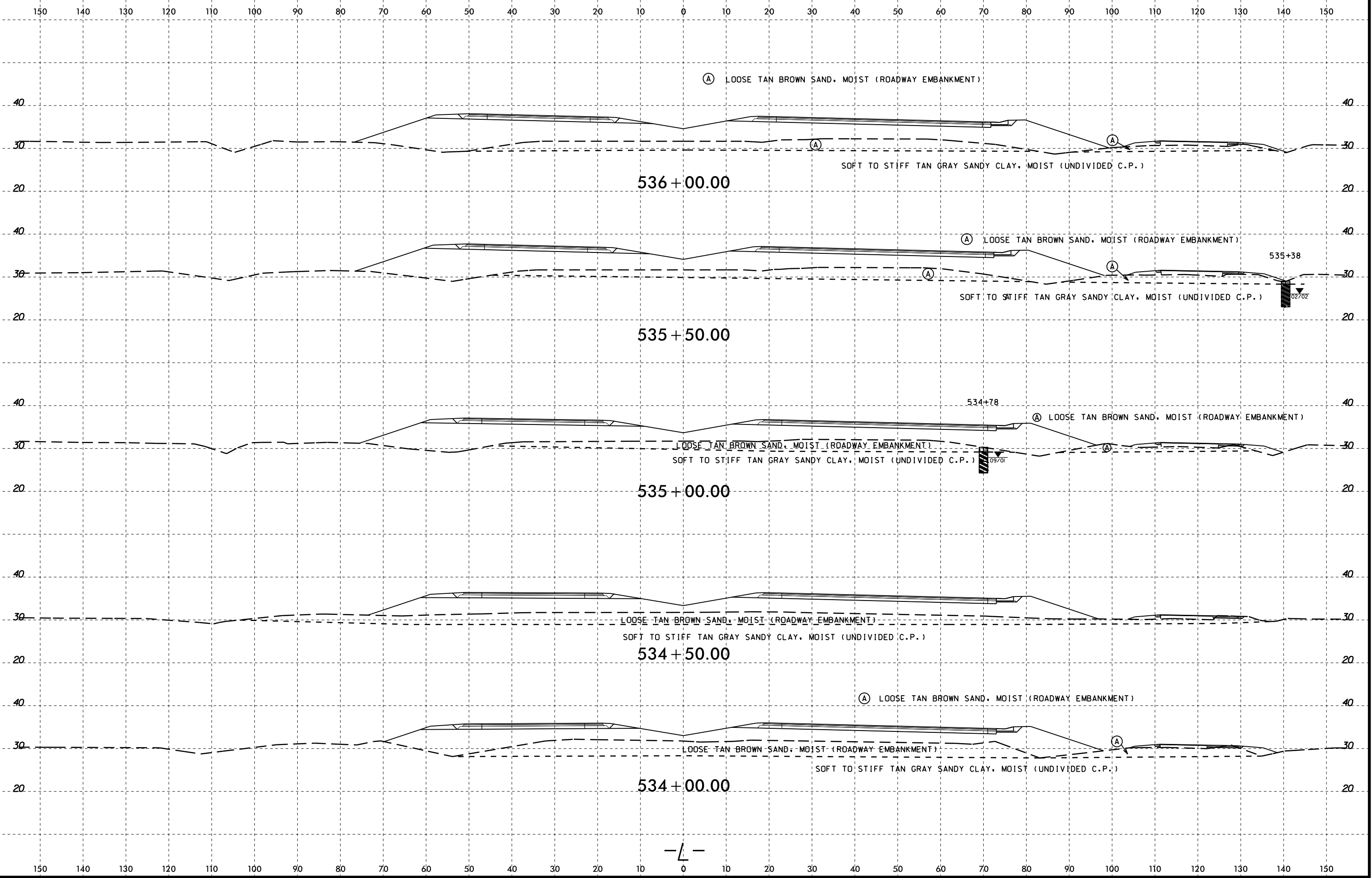
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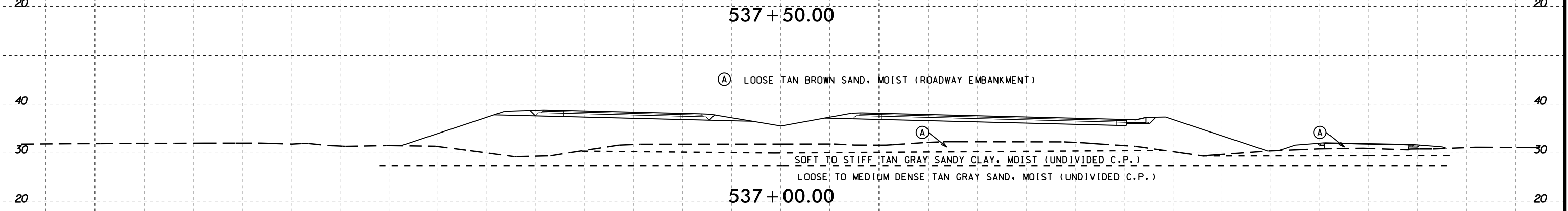
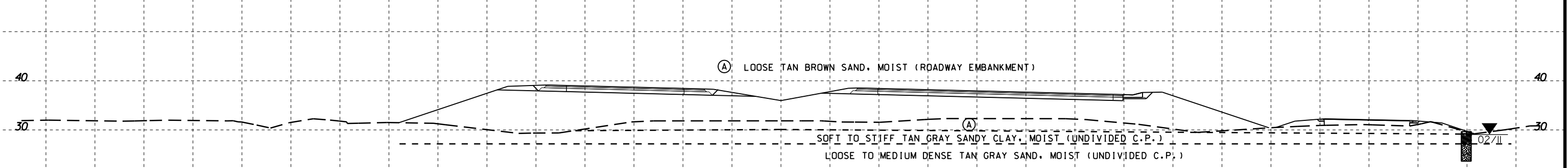
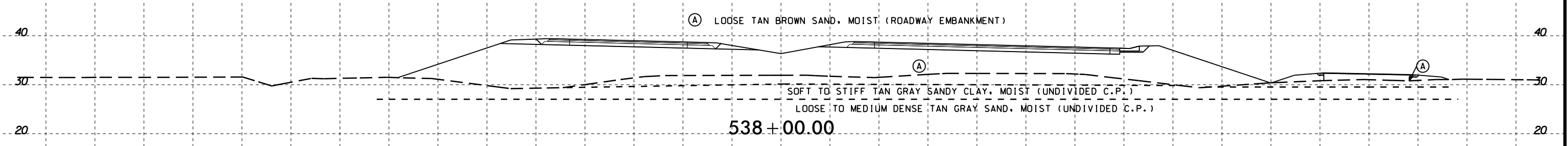
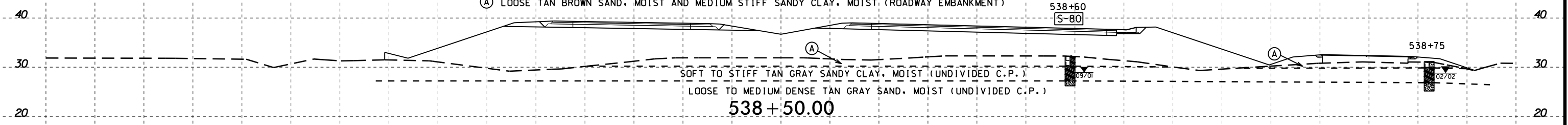
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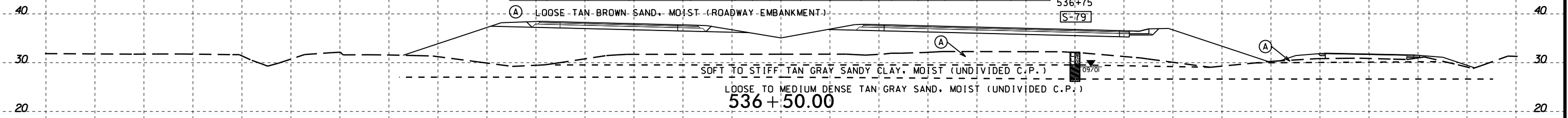
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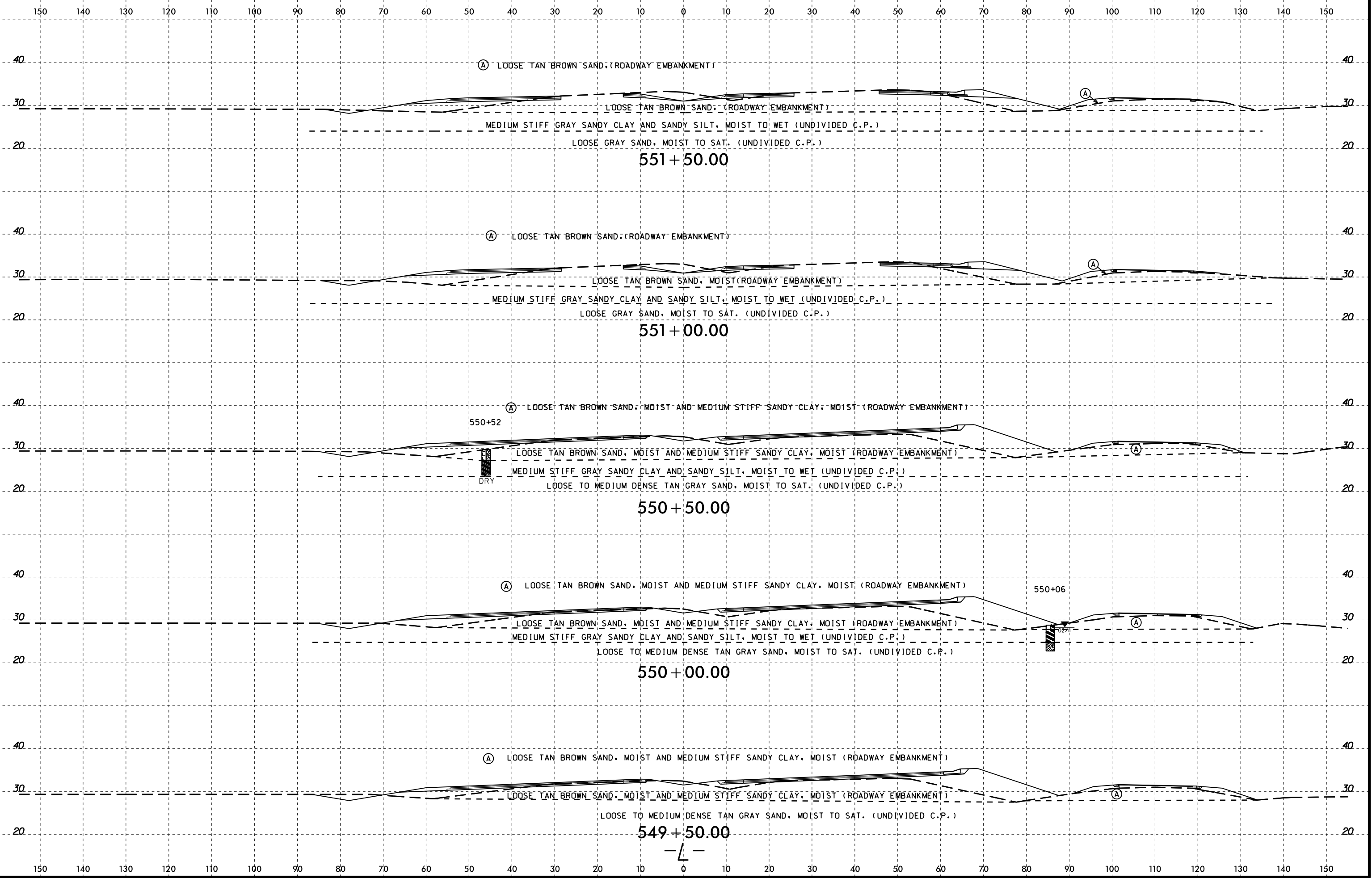
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							C. SAND	F. SAND	SILT	CLAY	10	40	200		
S-80	66 RT	538+60	1.0-5.0	A-6(7)	36	19	2.6	45.5	11.5	40.4	100	99	54	24.2	-



SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT			% PASSING (SIEVES)			% MOISTURE	% ORGANIC	
							C. SAND	F. SAND	SILT	CLAY	10	40	200		
S-79	60 RT	536+75	1.0-2.6	A-2-4(0)	15	NP	2.0	74.8	11.0	12.1	100	100	26	-	-

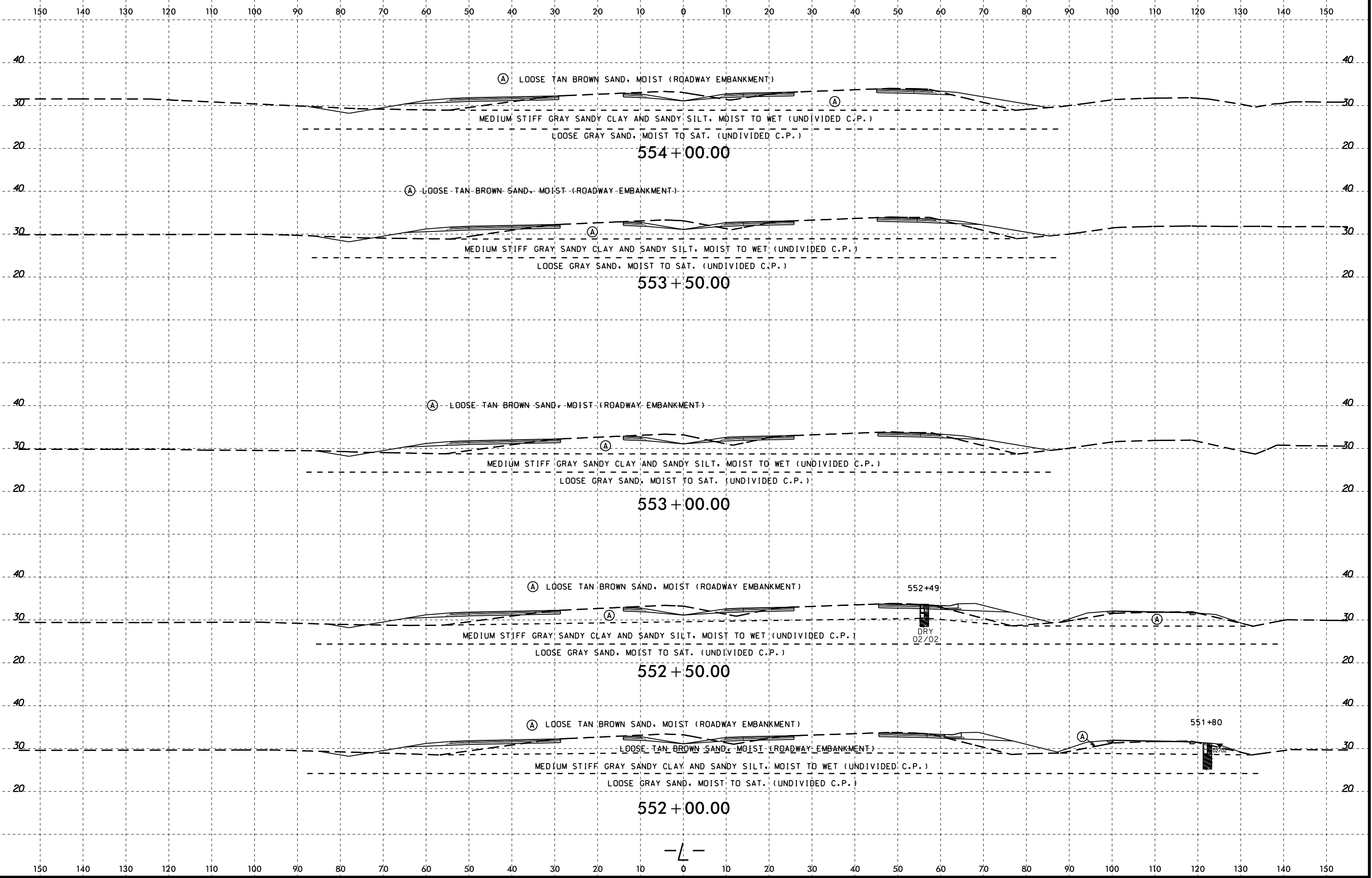


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G.Turner

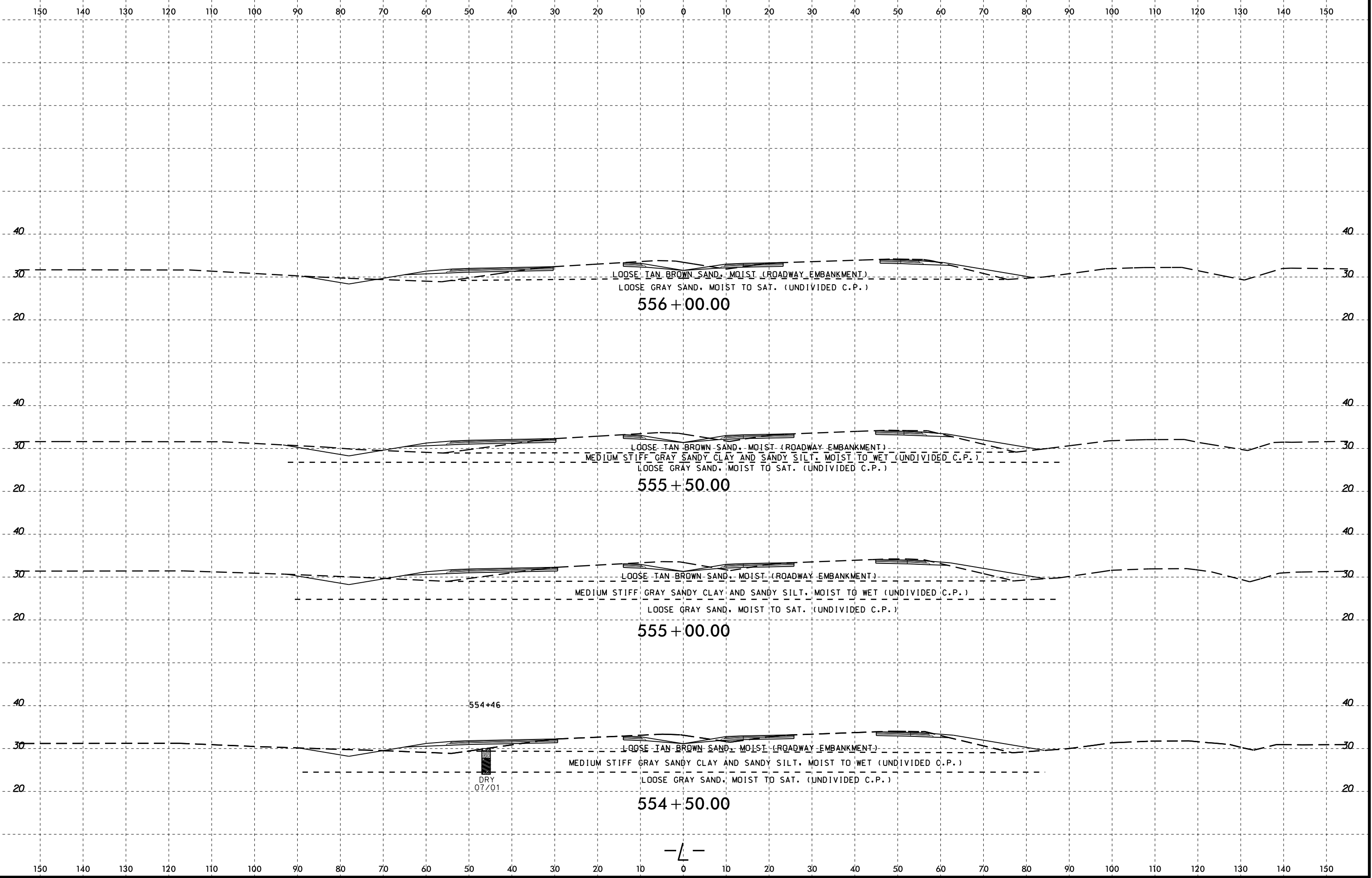
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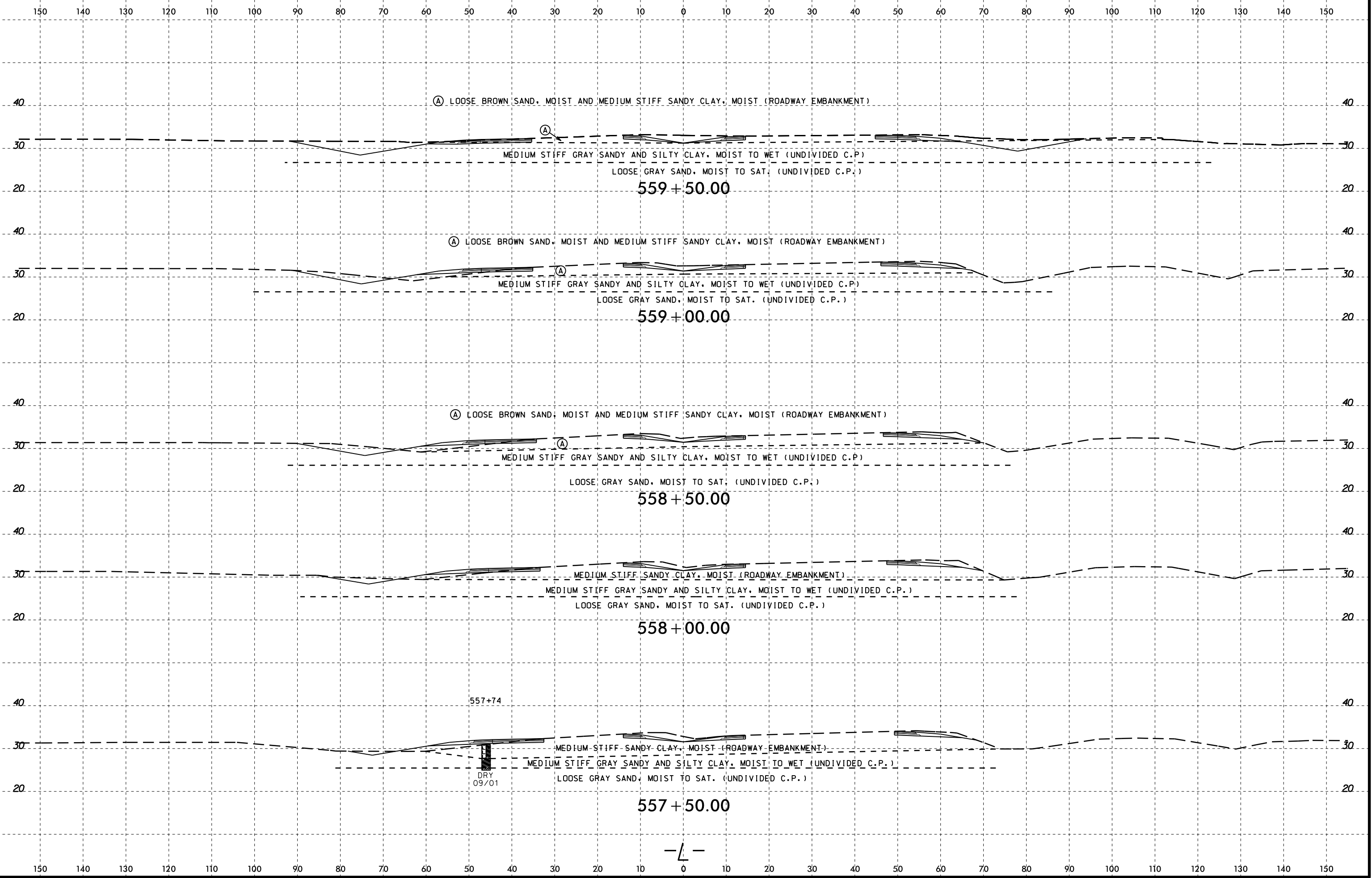
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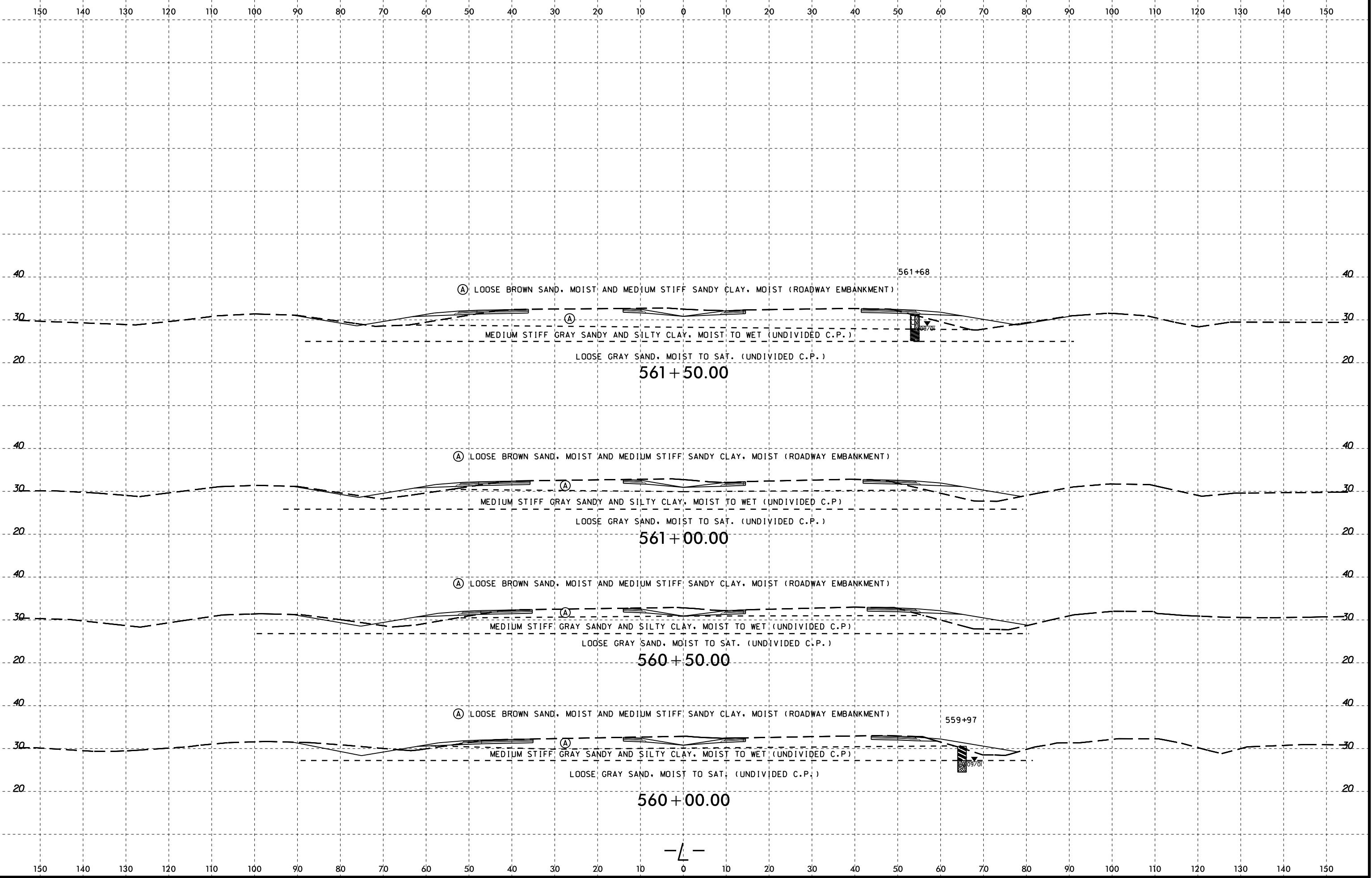
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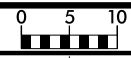
8/23/99



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 Atty: GEG77238
 G. Turner

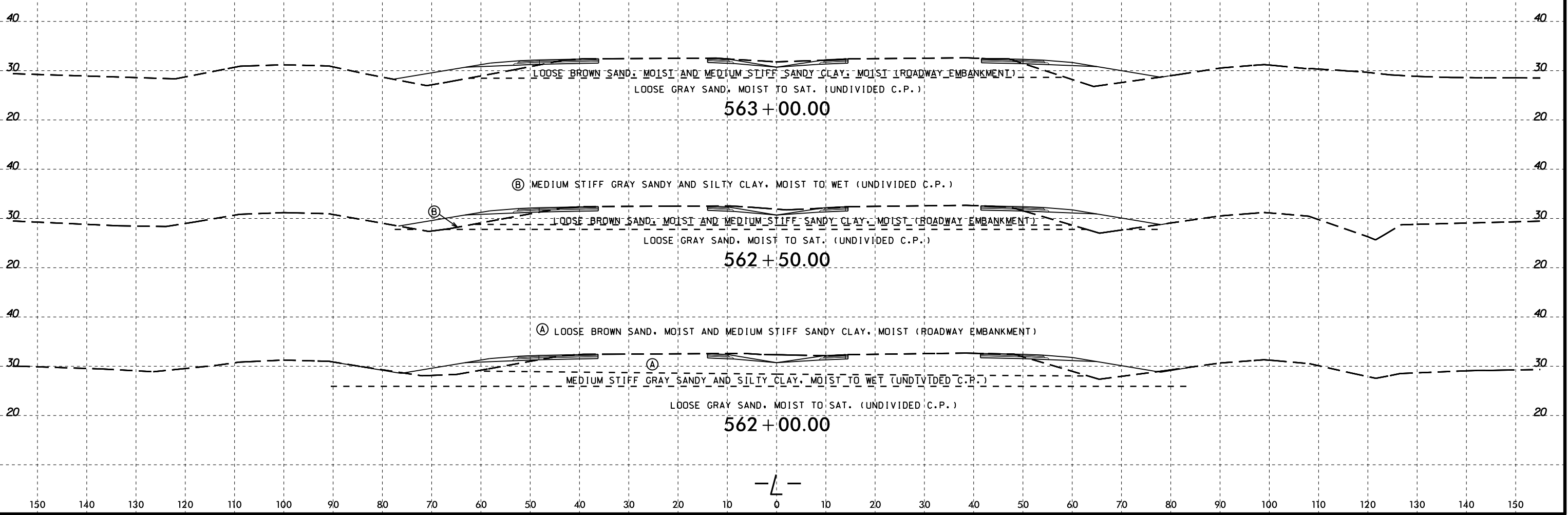
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8/23/99



PROJ. REFERENCE NO.	SHEET NO.
R-1015	163

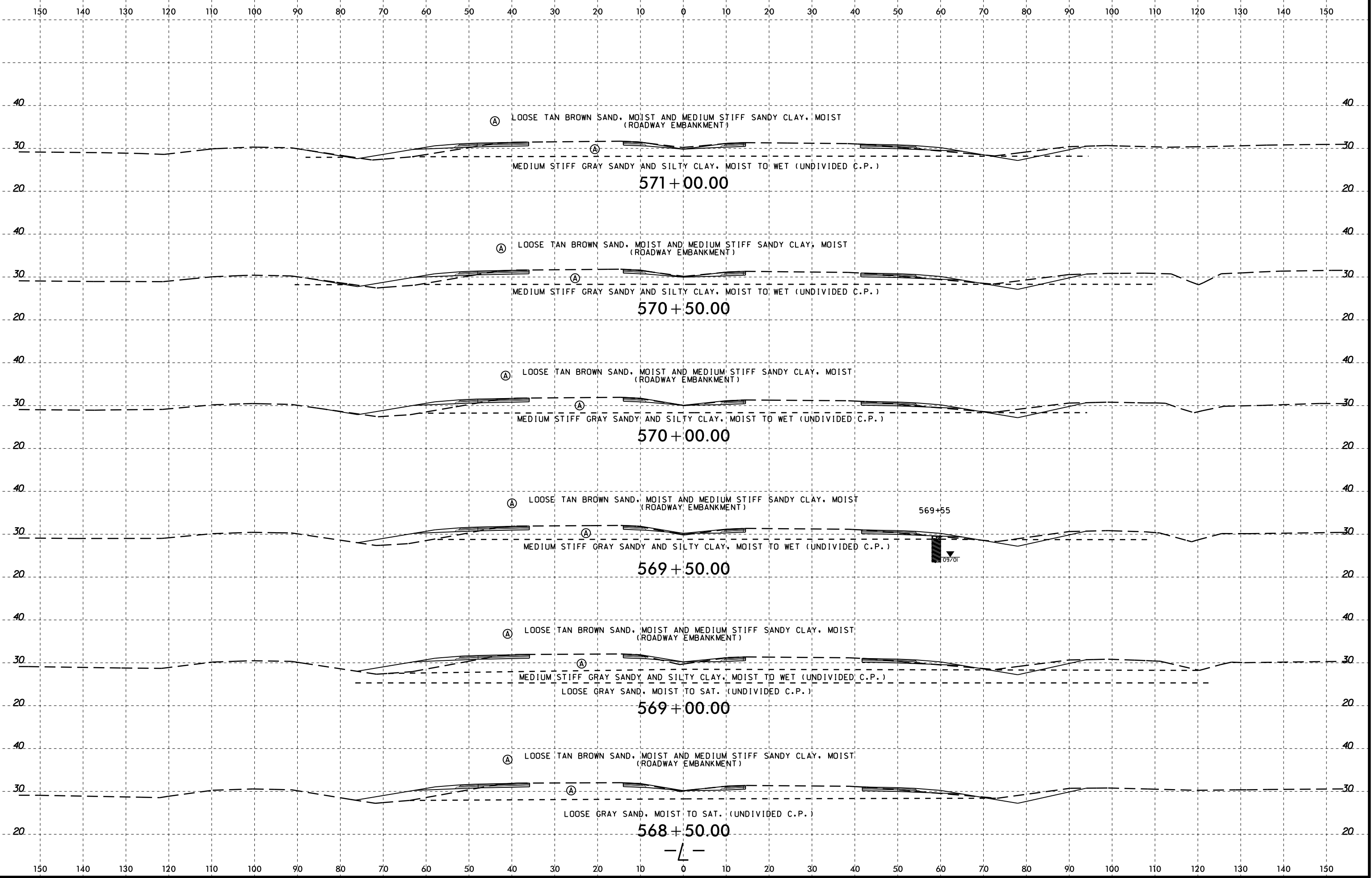
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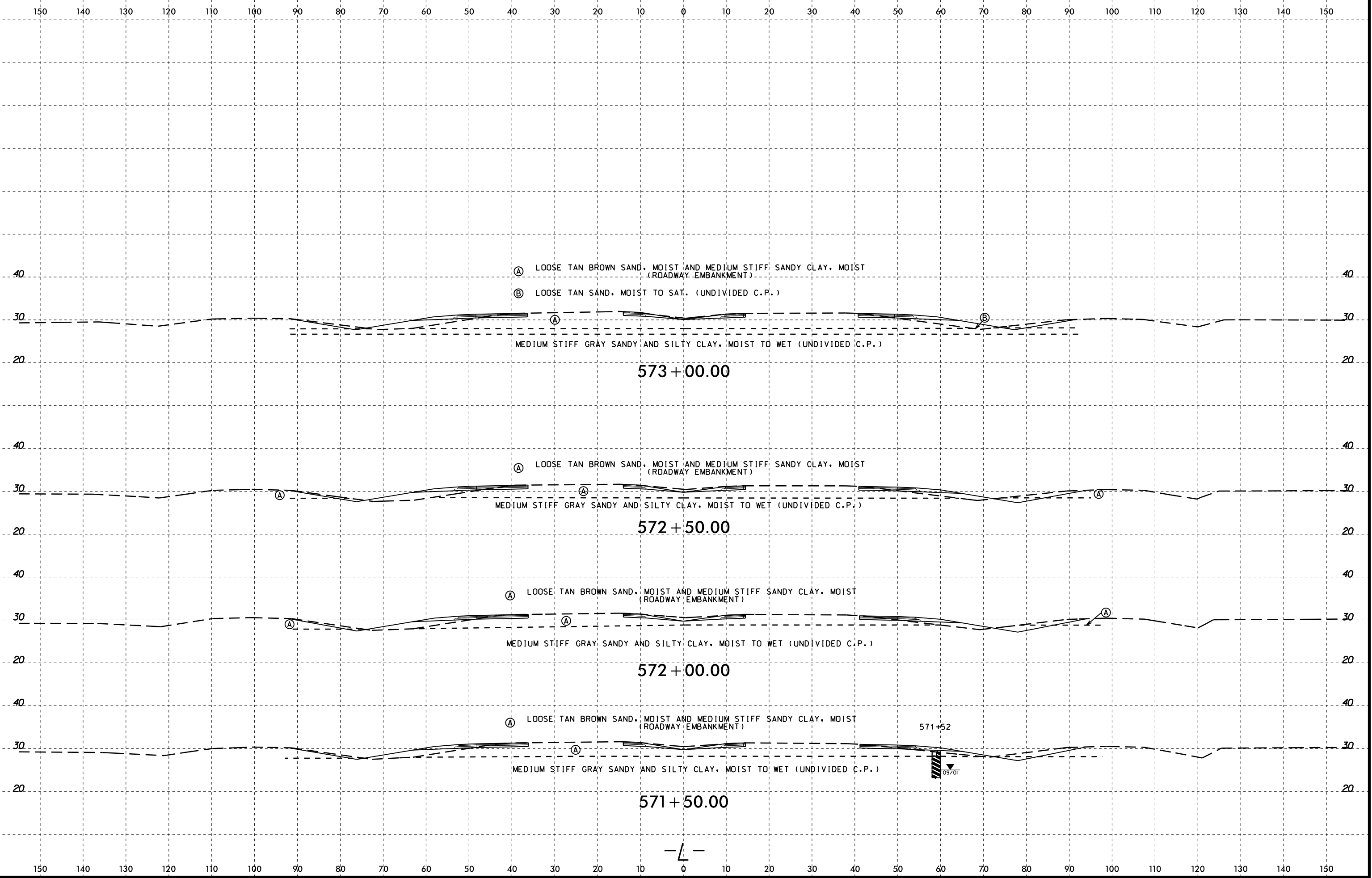
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 Atty: GEG77230
 G. Turner

8/23/99



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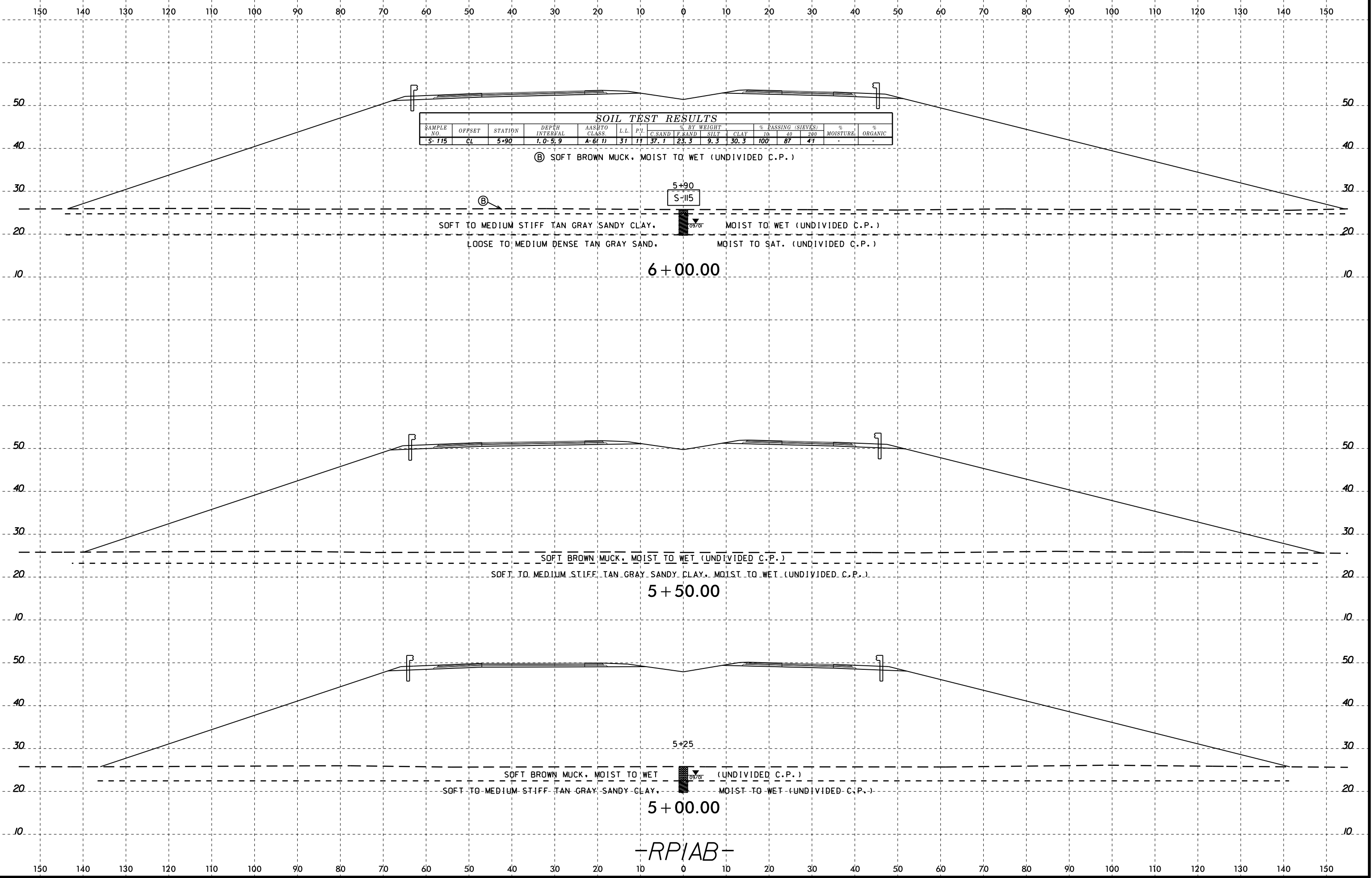
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 At: GEG77230
 Co: Turner

-L-

8/23/99



SOIL TEST RESULTS

SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS	L.L.	P.V.	% BY WEIGHT			% PASSING (SIEVES)			% MOISTURE	% ORGANIC	
							C.SAND	F.SAND	SILT CLAY	10	40	200			
S-115	CL	5+90	1.0-5.9	A-6(1)	31	11	37.1	23.3	9.3	30.3	100	87	41	-	-

SOFT BROWN MUCK, MOIST TO WET (UNDIVIDED C.P.)

SOFT TO MEDIUM STIFF TAN GRAY SANDY CLAY, MOIST TO WET (UNDIVIDED C.P.)

LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (UNDIVIDED C.P.)

6 + 00.00

SOFT BROWN MUCK, MOIST TO WET (UNDIVIDED C.P.)

SOFT TO MEDIUM STIFF TAN GRAY SANDY CLAY, MOIST TO WET (UNDIVIDED C.P.)

5 + 50.00

SOFT BROWN MUCK, MOIST TO WET (UNDIVIDED C.P.)

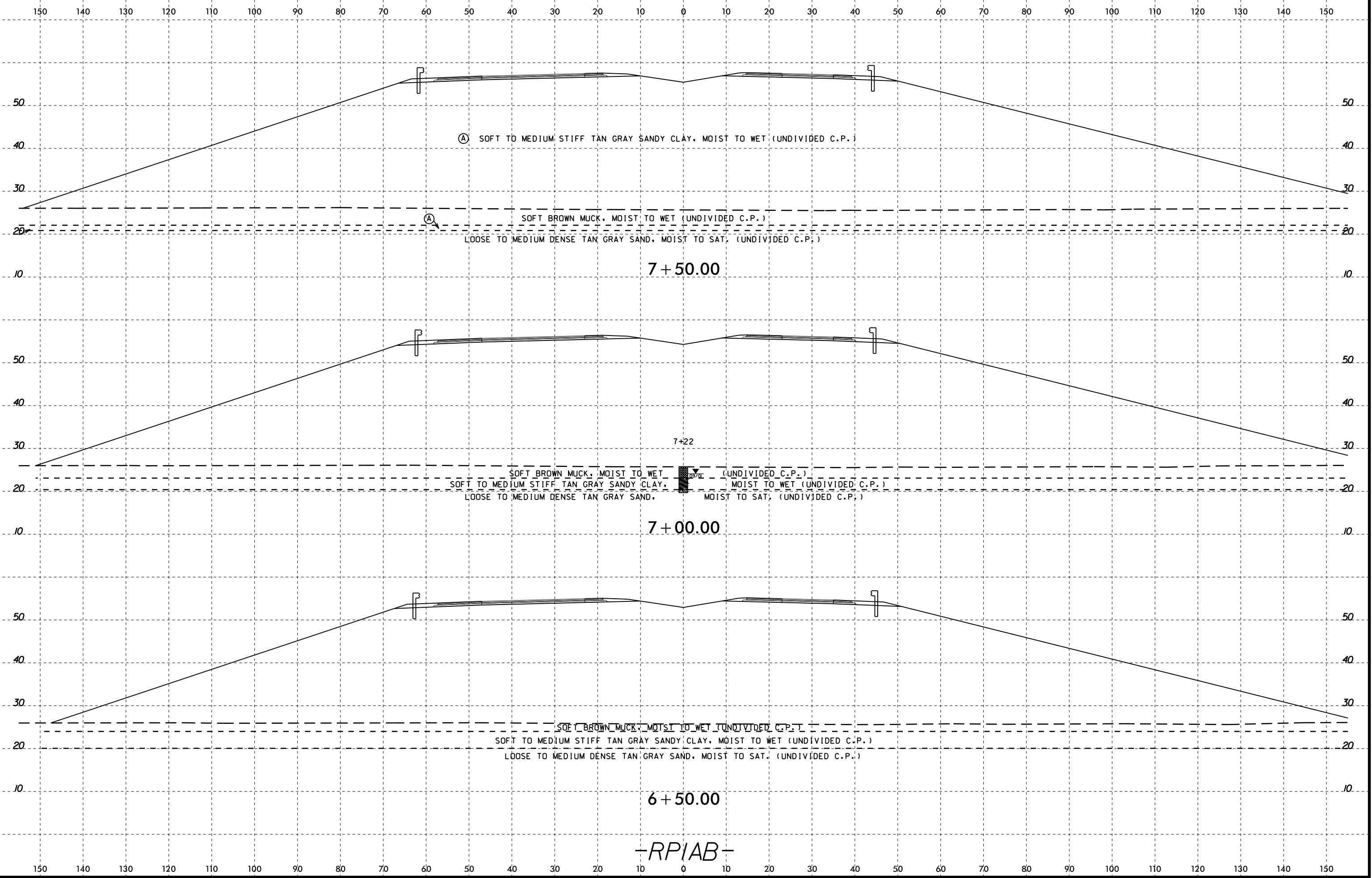
SOFT TO MEDIUM STIFF TAN GRAY SANDY CLAY, MOIST TO WET (UNDIVIDED C.P.)

5 + 00.00

-RPIAB-

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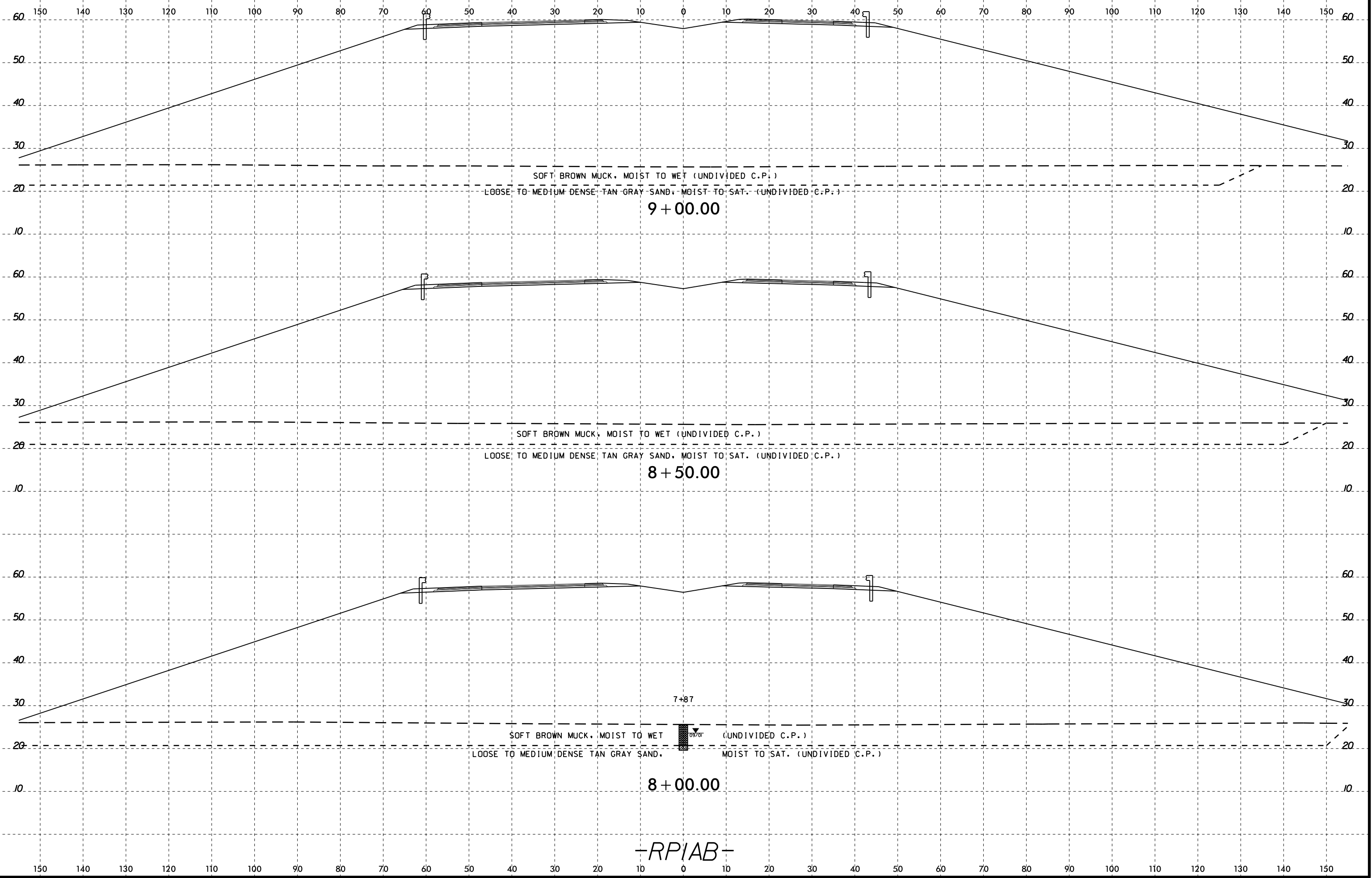
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Atty: GEG77330
G. Turner

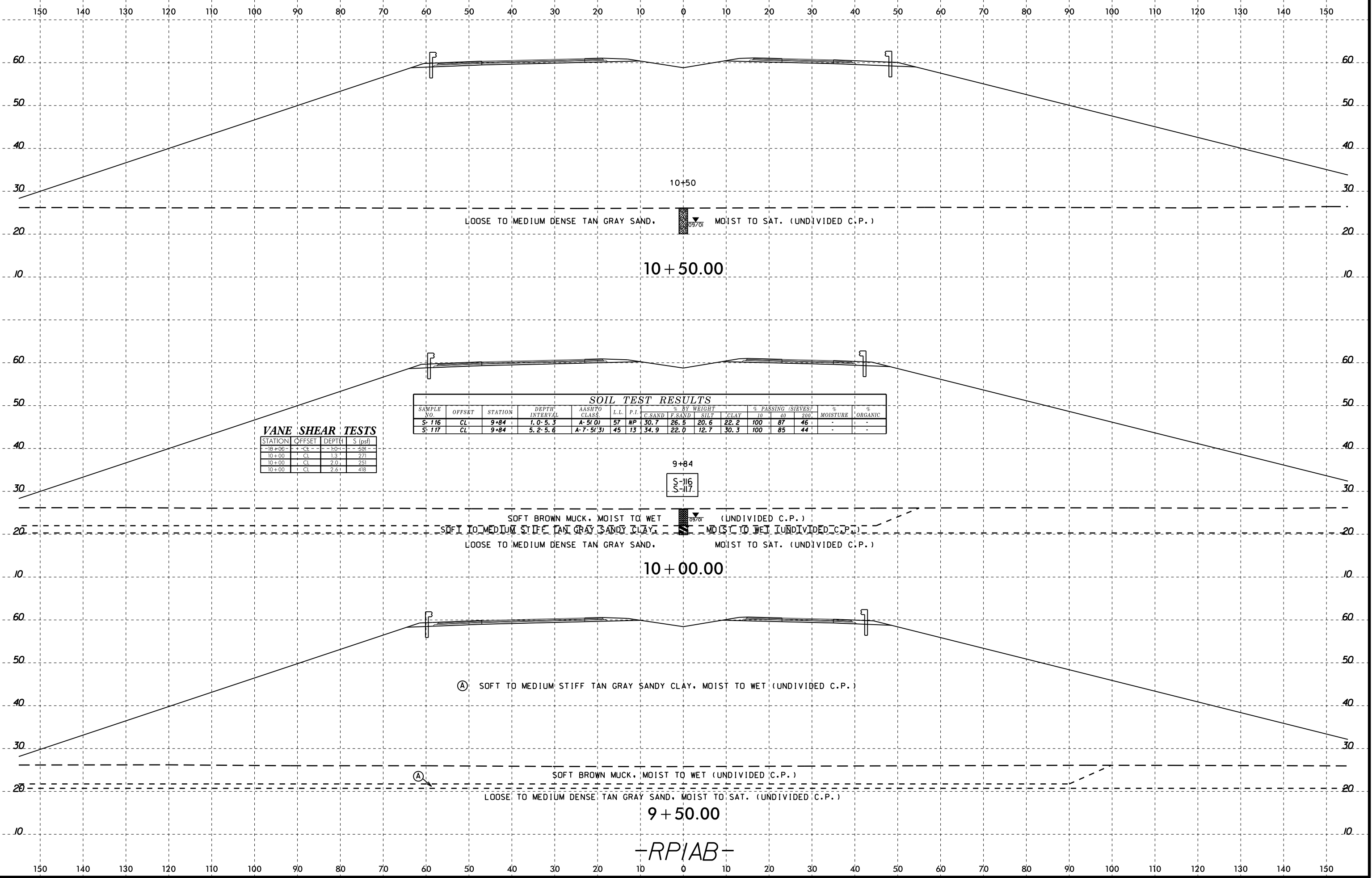
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C. Turner

-RPIAB-

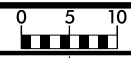
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C. Turner

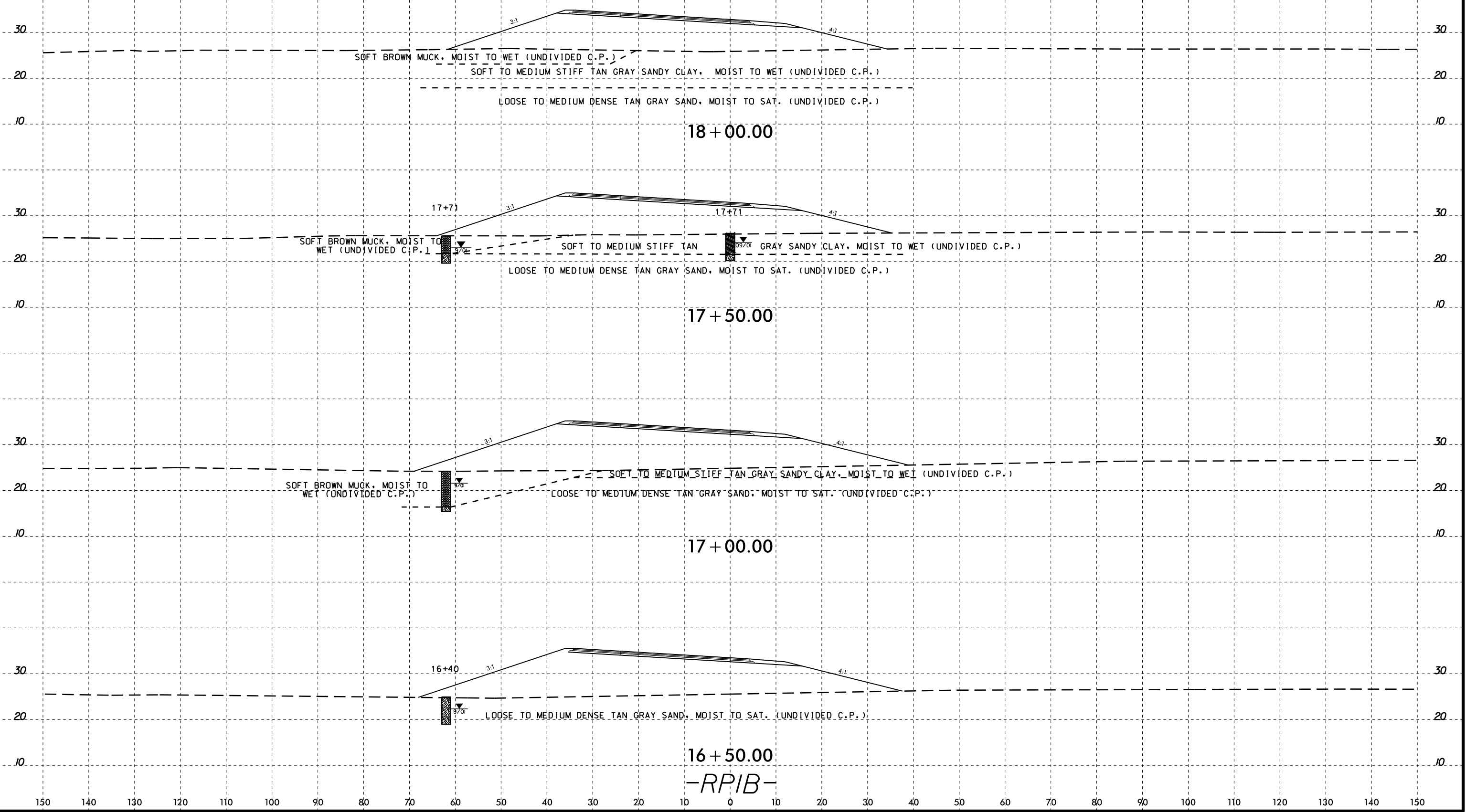
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8/23/99



PROJ. REFERENCE NO.	SHEET NO.
R-1015	170

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18 + 00.00

17 + 50.00

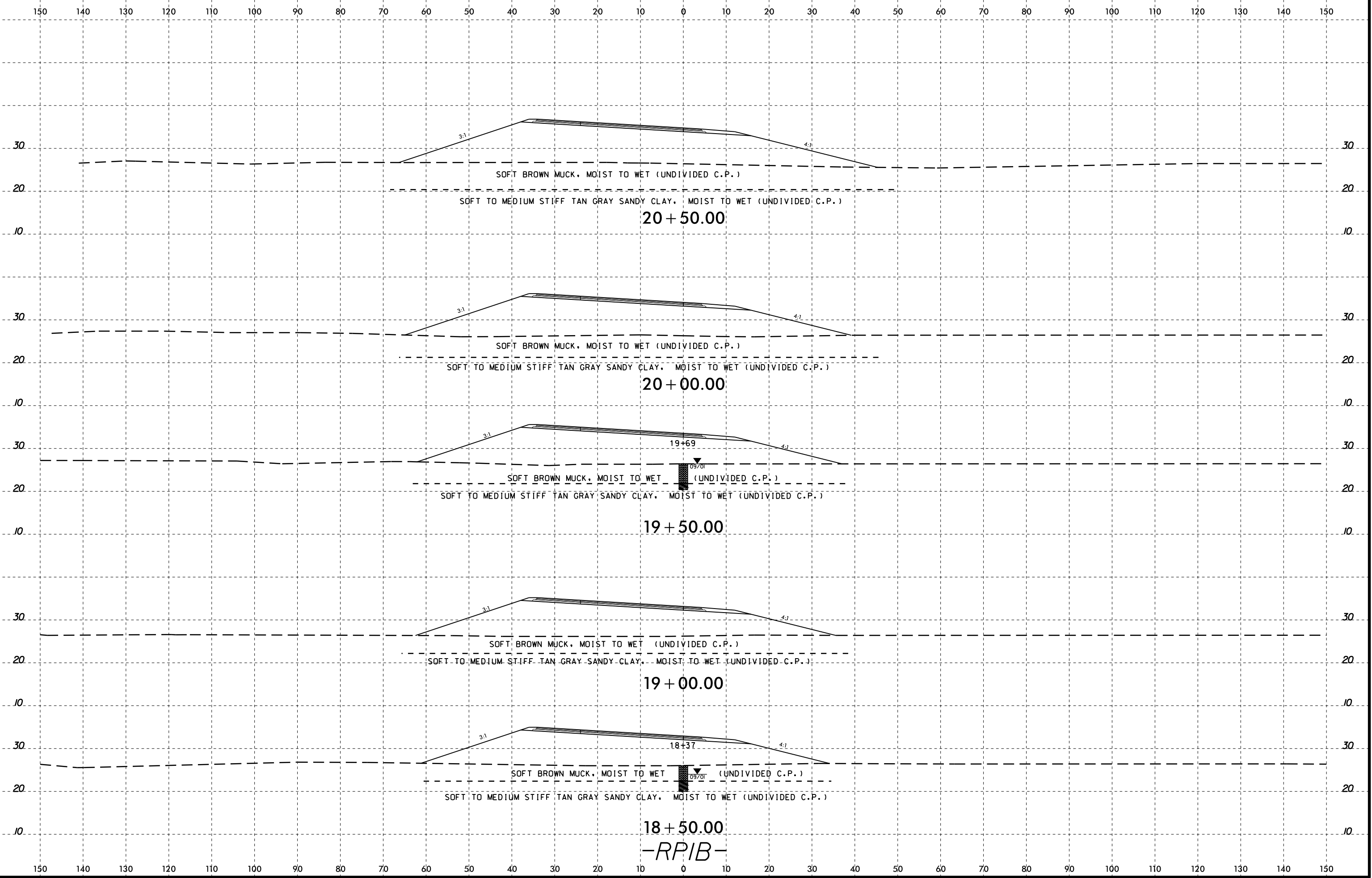
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16 + 50.00

-RP1B-

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 Atty: GEG77338
 G. Turner

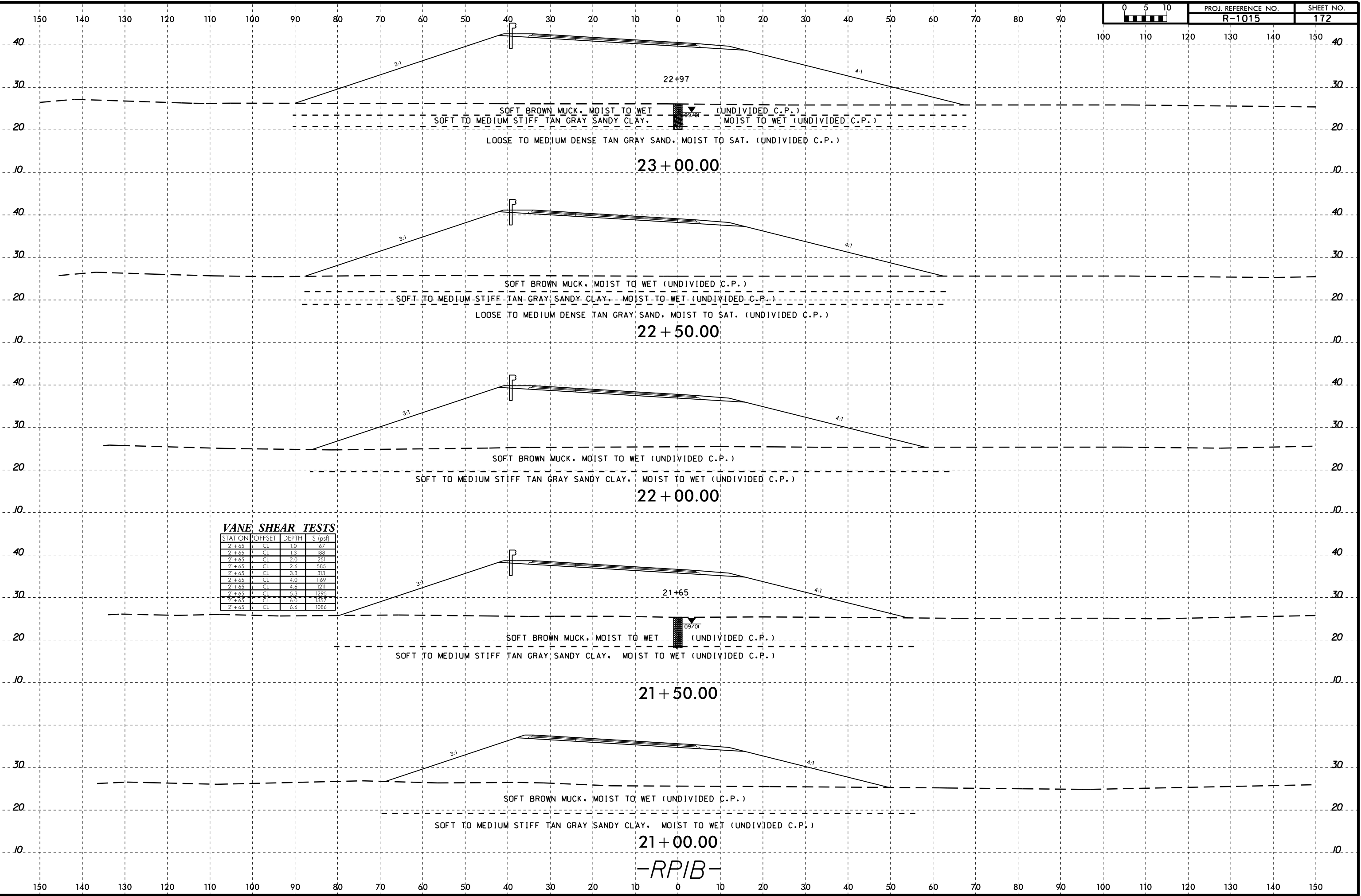
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 Atty: GEG77330
 G. Turner

18+50.00
-RPIB-

8/23/99

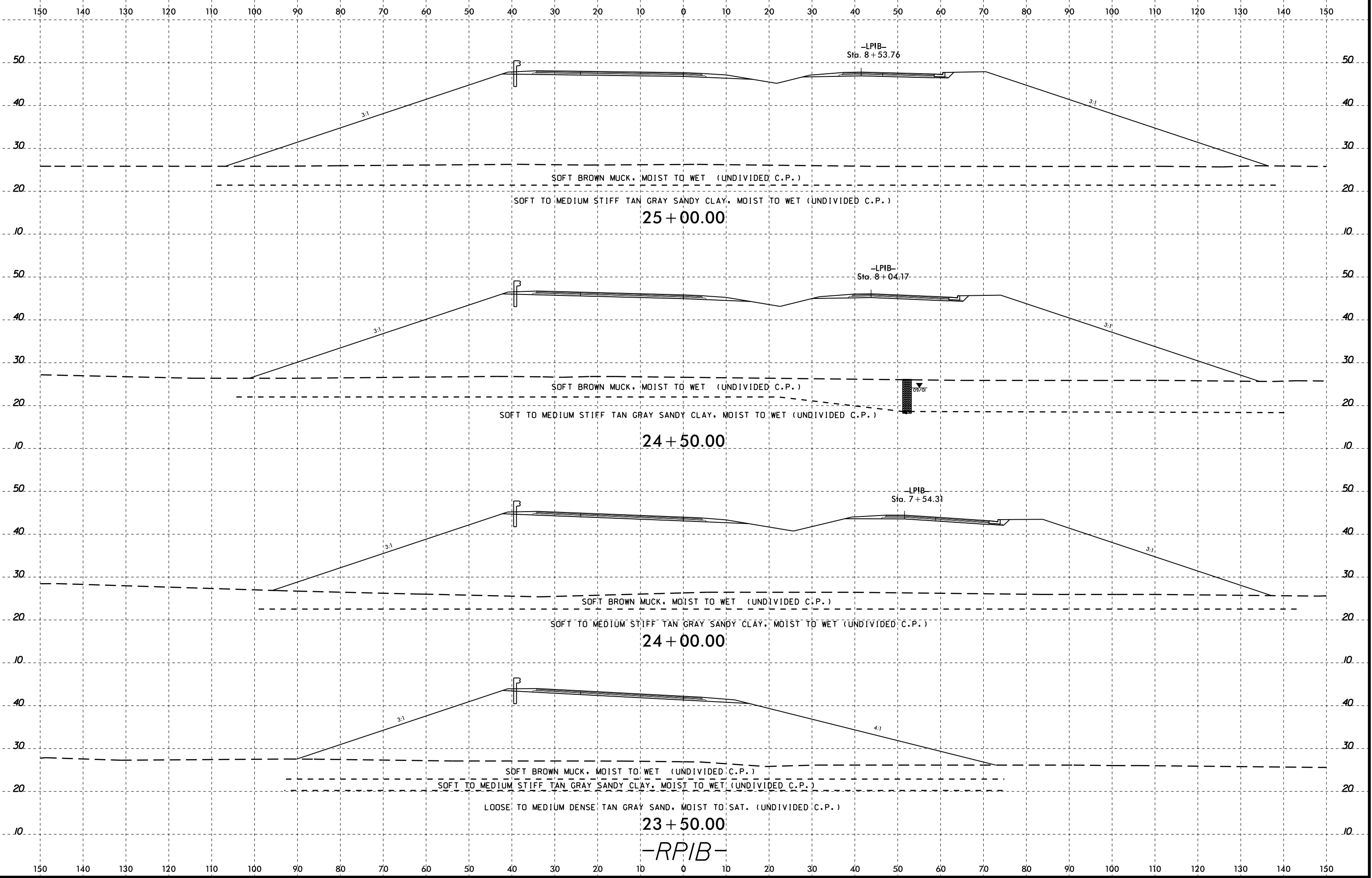


VANE SHEAR TESTS

STATION	OFFSET	DEPTH	S (psf)
21+65	CL	1.0	167
21+65	CL	1.3	188
21+65	CL	2.0	251
21+65	CL	2.6	585
21+65	CL	3.8	313
21+65	CL	4.0	1169
21+65	CL	4.6	1211
21+65	CL	5.8	1225
21+65	CL	6.0	1357
21+65	CL	6.6	1086

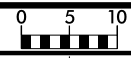
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8/23/99



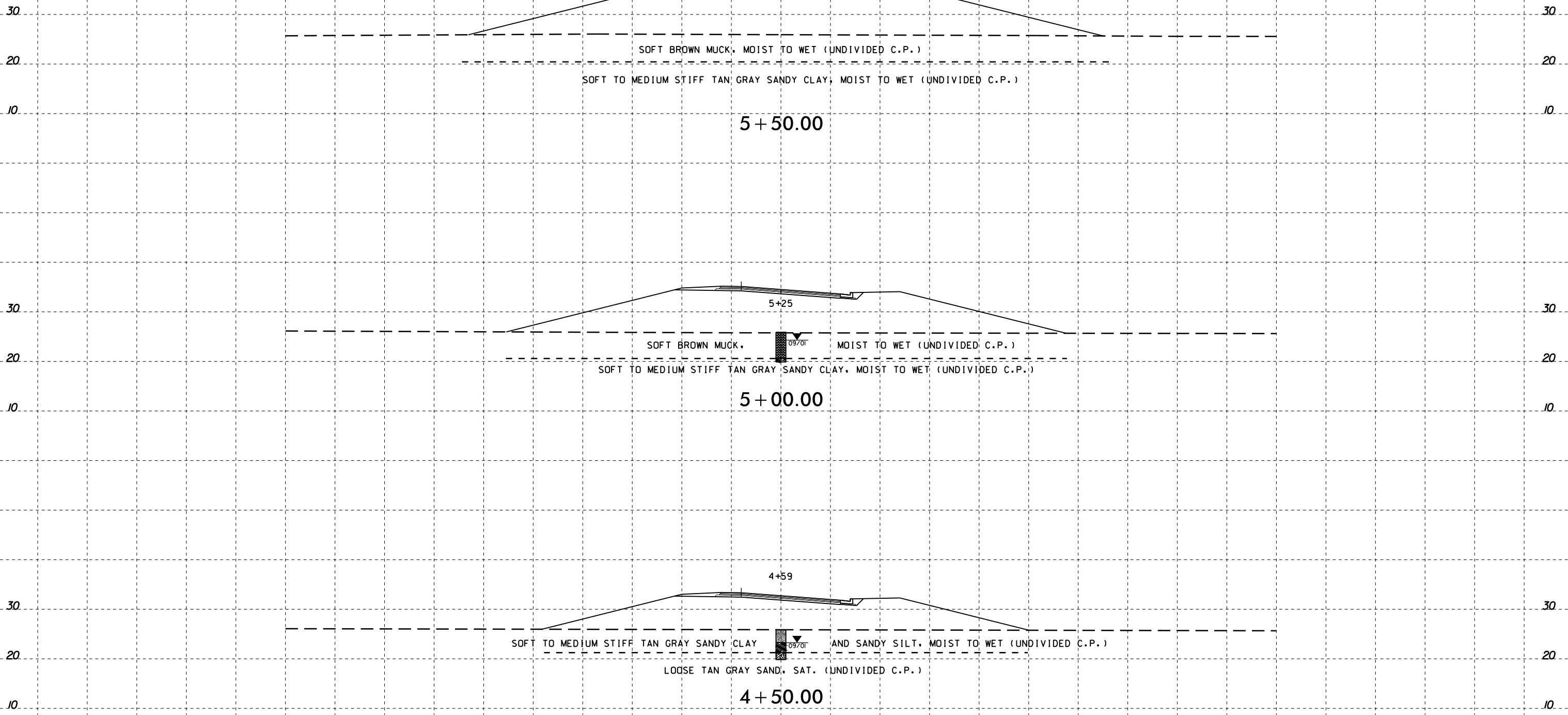
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Atty: JEG/7/23/99
C. Turner

8/23/99



PROJ. REFERENCE NO.	SHEET NO.
R-1015	174

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5 + 50.00

5+25

5 + 00.00

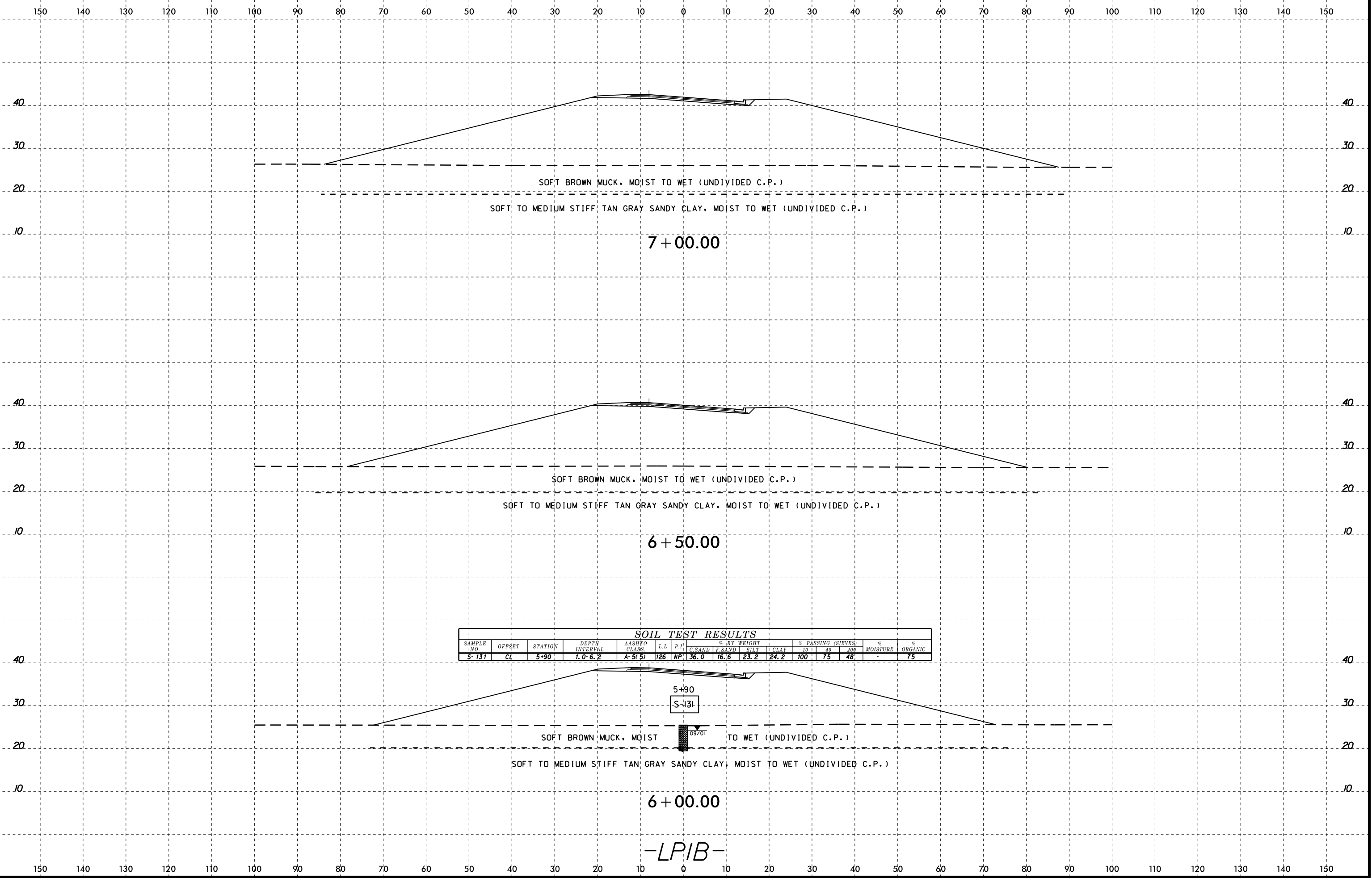
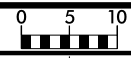
4+59

4 + 50.00

-LP1B-

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 Co Turner

8/23/99

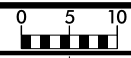


SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)		% MOISTURE	% ORGANIC	
							C. SAND	F. SAND	SILT	CLAY	10	40			
S-131	CL	5+90	1.0-6.2	A-5(B)	126	NP	36.0	16.6	23.2	24.2	100	75	48	-	75

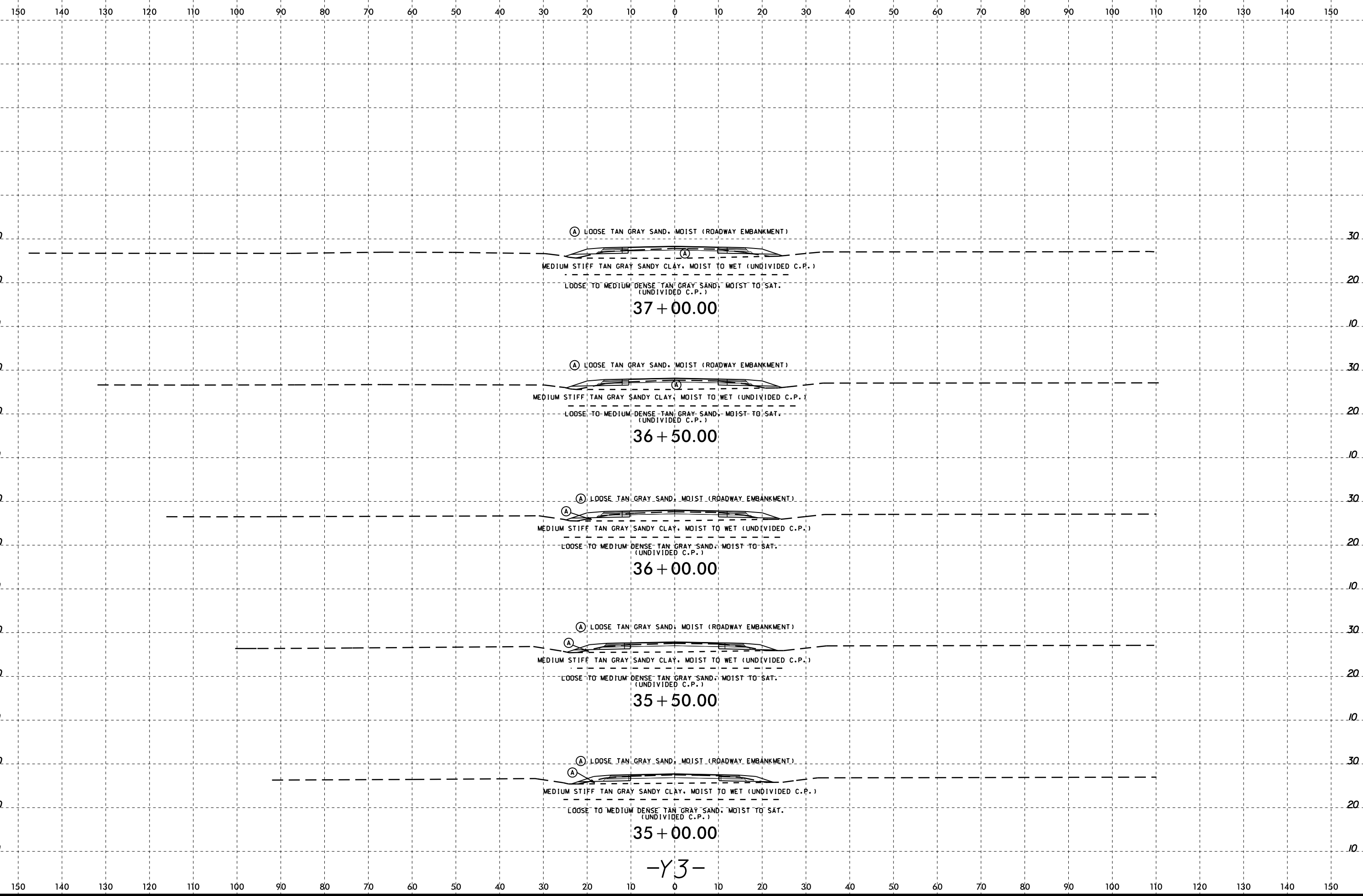
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Atty: G. Turner

-LP1B-

8/23/99



PROJ. REFERENCE NO.	SHEET NO.
R-1015	176



(A) LOOSE TAN GRAY SAND, MOIST (ROADWAY EMBANKMENT)
 (A)
 MEDIUM STIFF TAN GRAY SANDY CLAY, MOIST TO WET (UNDIVIDED C.P.)
 LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT.
 (UNDIVIDED C.P.)
 37 + 00.00

(A) LOOSE TAN GRAY SAND, MOIST (ROADWAY EMBANKMENT)
 (A)
 MEDIUM STIFF TAN GRAY SANDY CLAY, MOIST TO WET (UNDIVIDED C.P.)
 LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT.
 (UNDIVIDED C.P.)
 36 + 50.00

(A) LOOSE TAN GRAY SAND, MOIST (ROADWAY EMBANKMENT)
 (A)
 MEDIUM STIFF TAN GRAY SANDY CLAY, MOIST TO WET (UNDIVIDED C.P.)
 LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT.
 (UNDIVIDED C.P.)
 36 + 00.00

(A) LOOSE TAN GRAY SAND, MOIST (ROADWAY EMBANKMENT)
 (A)
 MEDIUM STIFF TAN GRAY SANDY CLAY, MOIST TO WET (UNDIVIDED C.P.)
 LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT.
 (UNDIVIDED C.P.)
 35 + 50.00

(A) LOOSE TAN GRAY SAND, MOIST (ROADWAY EMBANKMENT)
 (A)
 MEDIUM STIFF TAN GRAY SANDY CLAY, MOIST TO WET (UNDIVIDED C.P.)
 LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT.
 (UNDIVIDED C.P.)
 35 + 00.00

-Y3-

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8/23/99

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SOIL TEST RESULTS														
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	ASHFO CLASS	L.L.	P.L.	% BY WEIGHT				% PASSING (SIEVES)		% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	10	20		
5-48	16 FT	39+37	1.0-5.9	A-7-6(7)	41	24	6.9	48.9	5.9	38.4	100	97	46	21.3

(A) LOOSE TAN GRAY SAND, MOIST (ROADWAY EMBANKMENT)
39+37
5-48

MEDIUM STIFF TAN GRAY SANDY CLAY, MOIST TO WET (UNDIVIDED C.P.)
DRY 09/01
LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (UNDIVIDED C.P.)

39 + 50.00

(A) LOOSE TAN GRAY SAND, MOIST (ROADWAY EMBANKMENT)

MEDIUM STIFF TAN GRAY SANDY CLAY, MOIST TO WET (UNDIVIDED C.P.)
LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (UNDIVIDED C.P.)

39 + 00.00

(A) LOOSE TAN GRAY SAND, MOIST (ROADWAY EMBANKMENT)

MEDIUM STIFF TAN GRAY SANDY CLAY, MOIST TO WET (UNDIVIDED C.P.)
LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (UNDIVIDED C.P.)

38 + 50.00

(A) LOOSE TAN GRAY SAND, MOIST (ROADWAY EMBANKMENT)

MEDIUM STIFF TAN GRAY SANDY CLAY, MOIST TO WET (UNDIVIDED C.P.)
LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (UNDIVIDED C.P.)

38 + 00.00

(A) LOOSE TAN GRAY SAND, MOIST (ROADWAY EMBANKMENT)
37+40

MEDIUM STIFF TAN GRAY SANDY CLAY, MOIST TO WET (UNDIVIDED C.P.)
LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (UNDIVIDED C.P.)

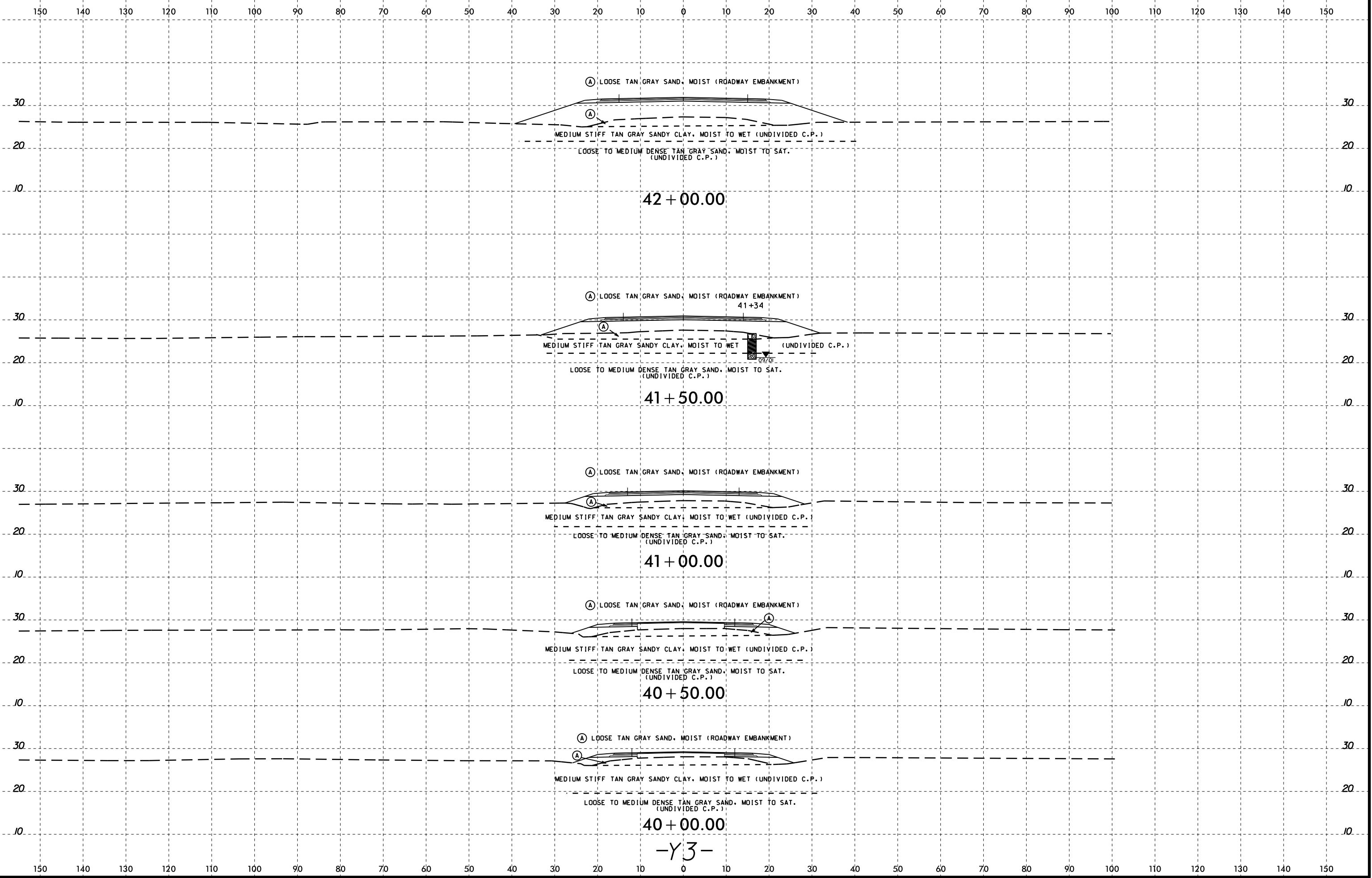
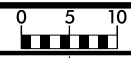
37 + 50.00

-Y3-

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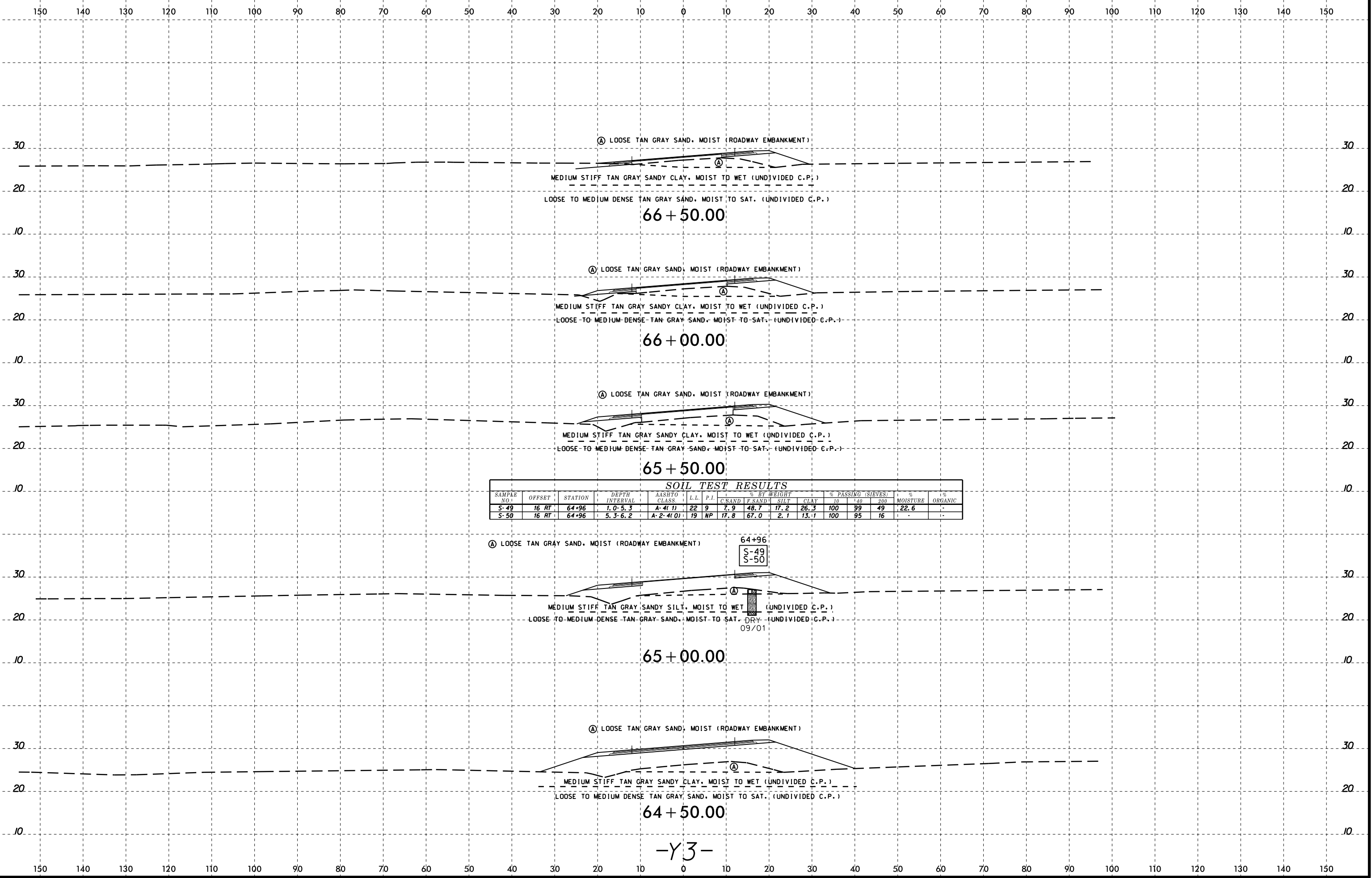
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 At: 06/27/2013
 G. Turner

8/23/99



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 Atty: G. Turner

8/23/99



SOIL TEST RESULTS

SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C SAND	F SAND	SILT	CLAY	10	40	200		
S-49	16 RT	64+96	1.0-5.3	A-4(1)	22	9	7.9	48.7	17.2	26.3	100	99	49	22.6	-
S-50	16 RT	64+96	5.3-6.2	A-2-4(0)	19	NP	17.8	67.0	2.1	13.1	100	95	16	-	-

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At: 06/27/2013
By: Turner

-Y3-

① LOOSE TAN GRAY SAND, MOIST (ROADWAY EMBANKMENT)

MEDIUM STIFF TAN GRAY SANDY CLAY, MOIST TO WET (UNDIVIDED C.P.)

LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (UNDIVIDED C.P.)

69 + 50.00

SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	10	40	200		
S-51	15 RT	68+89	1.0-3.3	A-2-4(0)	18	4	14.1	53.1	14.5	18.2	100	97	34	-	-
S-52	15 RT	68+89	3.3-5.9	A-7-6(1)	47	28	6.5	41.4	9.7	42.4	100	98	53	-	-

① LOOSE TAN GRAY SAND, MOIST (ROADWAY EMBANKMENT)

MEDIUM STIFF TAN GRAY SANDY CLAY, MOIST TO WET (UNDIVIDED C.P.)

LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (UNDIVIDED C.P.)

DRY 09/01

69 + 00.00

① LOOSE TAN GRAY SAND, MOIST (ROADWAY EMBANKMENT)

MEDIUM STIFF TAN GRAY SANDY CLAY, MOIST TO WET (UNDIVIDED C.P.)

LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (UNDIVIDED C.P.)

68 + 50.00

① LOOSE TAN GRAY SAND, MOIST (ROADWAY EMBANKMENT)

MEDIUM STIFF TAN GRAY SANDY CLAY, MOIST TO WET (UNDIVIDED C.P.)

LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (UNDIVIDED C.P.)

68 + 00.00

① LOOSE TAN GRAY SAND, MOIST (ROADWAY EMBANKMENT)

MEDIUM STIFF TAN GRAY SANDY CLAY, MOIST TO WET (UNDIVIDED C.P.)

LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (UNDIVIDED C.P.)

67 + 50.00

① LOOSE TAN GRAY SAND, MOIST (ROADWAY EMBANKMENT)

MEDIUM STIFF TAN GRAY SANDY CLAY, MOIST TO WET (UNDIVIDED C.P.)

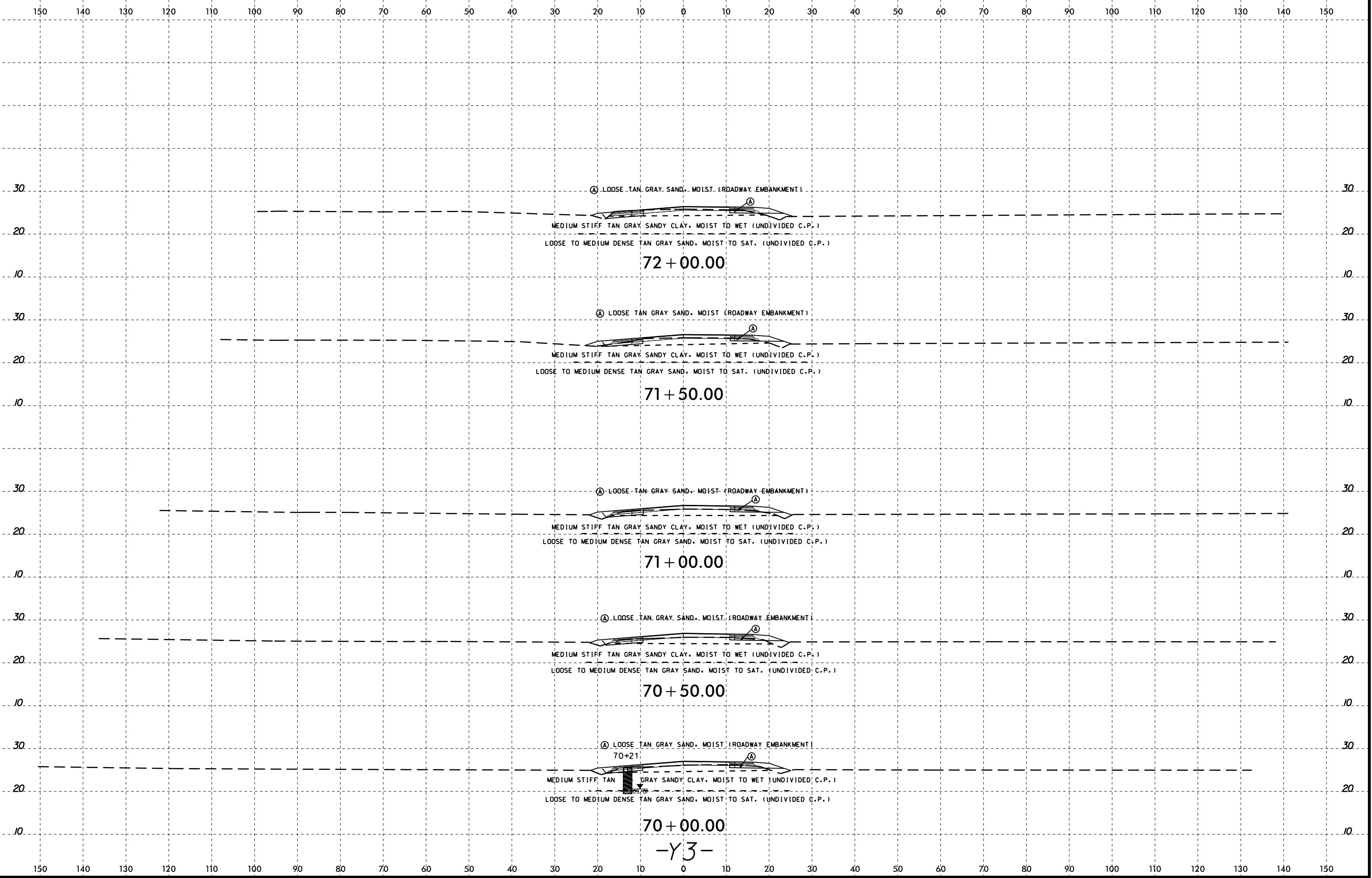
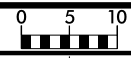
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DRY 09/01

67 + 00.00

-Y3-

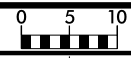
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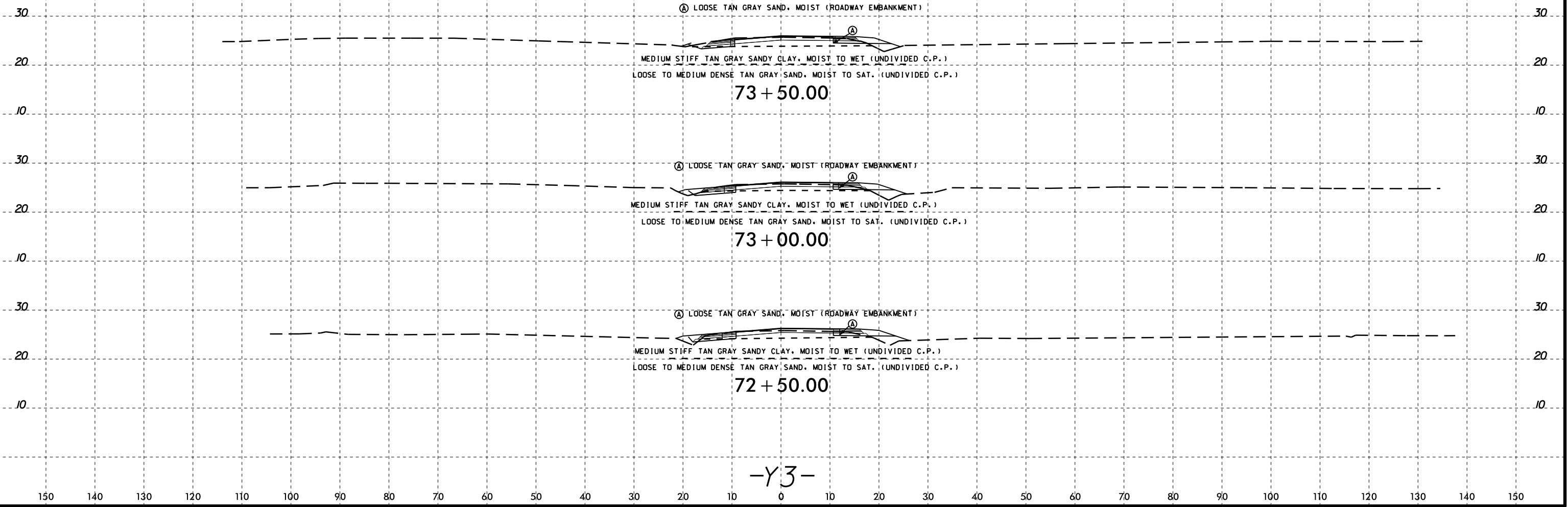
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 G. Turner

8/23/99



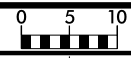
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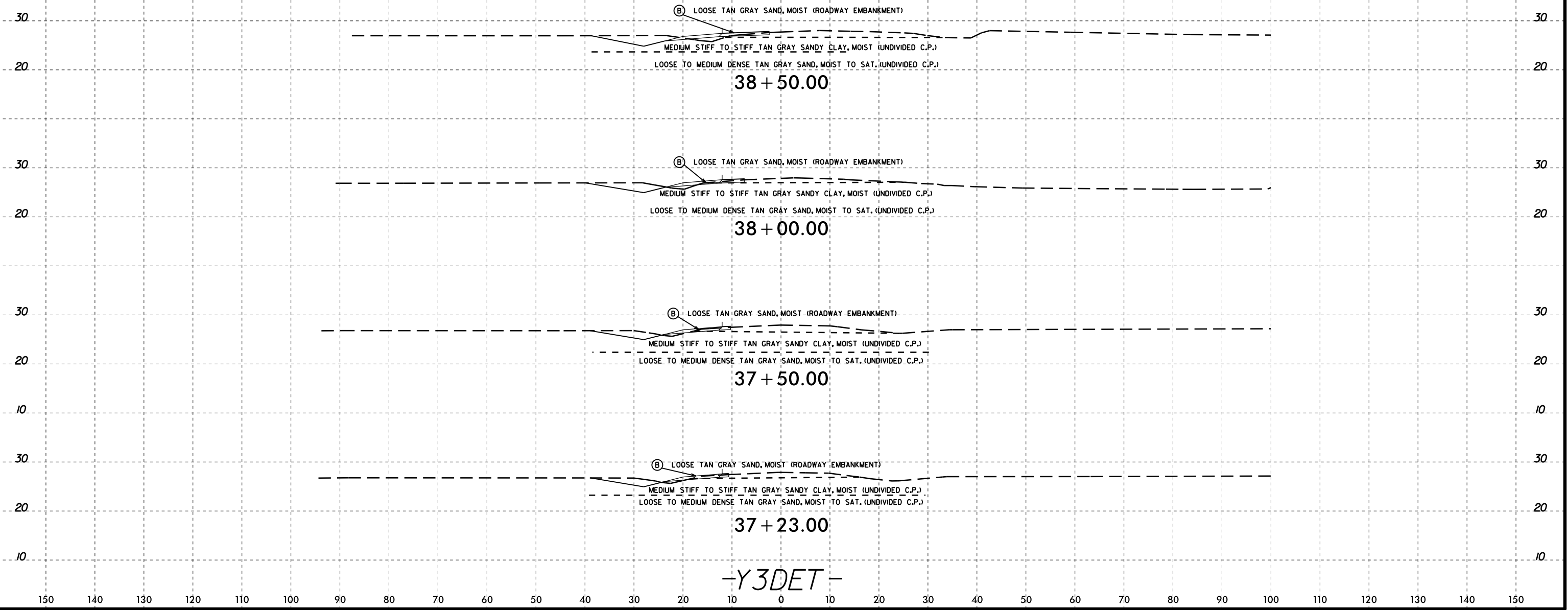
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 G. Turner

8/23/99



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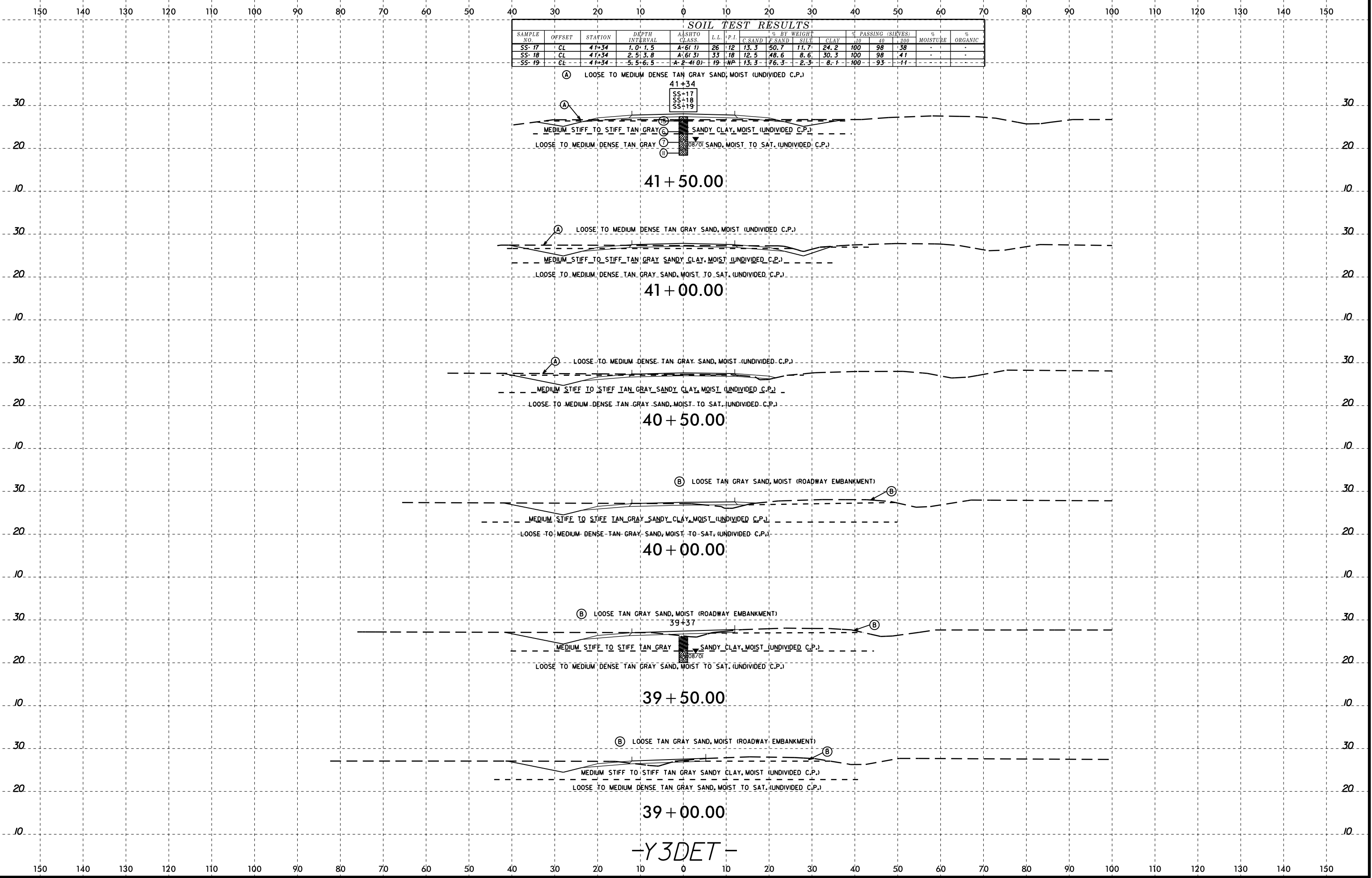
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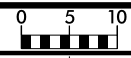
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SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS	L.L.	P.L.	% BY WEIGHT			PASSING (SIEVES)			% MOISTURE	% ORGANIC	
							C SAND	F SAND	SLT	#10	#40	#200			
SS-17	CL	41+34	1.0'-1.5'	A-6(1)	26	12	13.3	50.7	11.7	24.2	100	98	38	-	-
SS-18	CL	41+34	2.5'-3.0'	A-6(3)	33	18	12.5	48.6	8.6	30.3	100	98	41	-	-
SS-19	CL	41+34	5.5'-6.5'	A-2-4(0)	19	NP	13.3	76.3	2.3	8.1	100	93	11	-	-



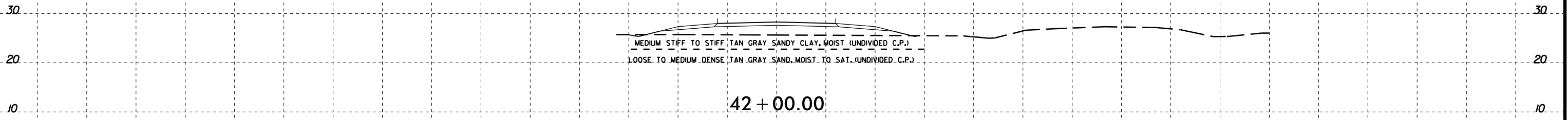
-Y3DET-

8/23/99



PROJ. REFERENCE NO.	SHEET NO.
R-1015	185

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

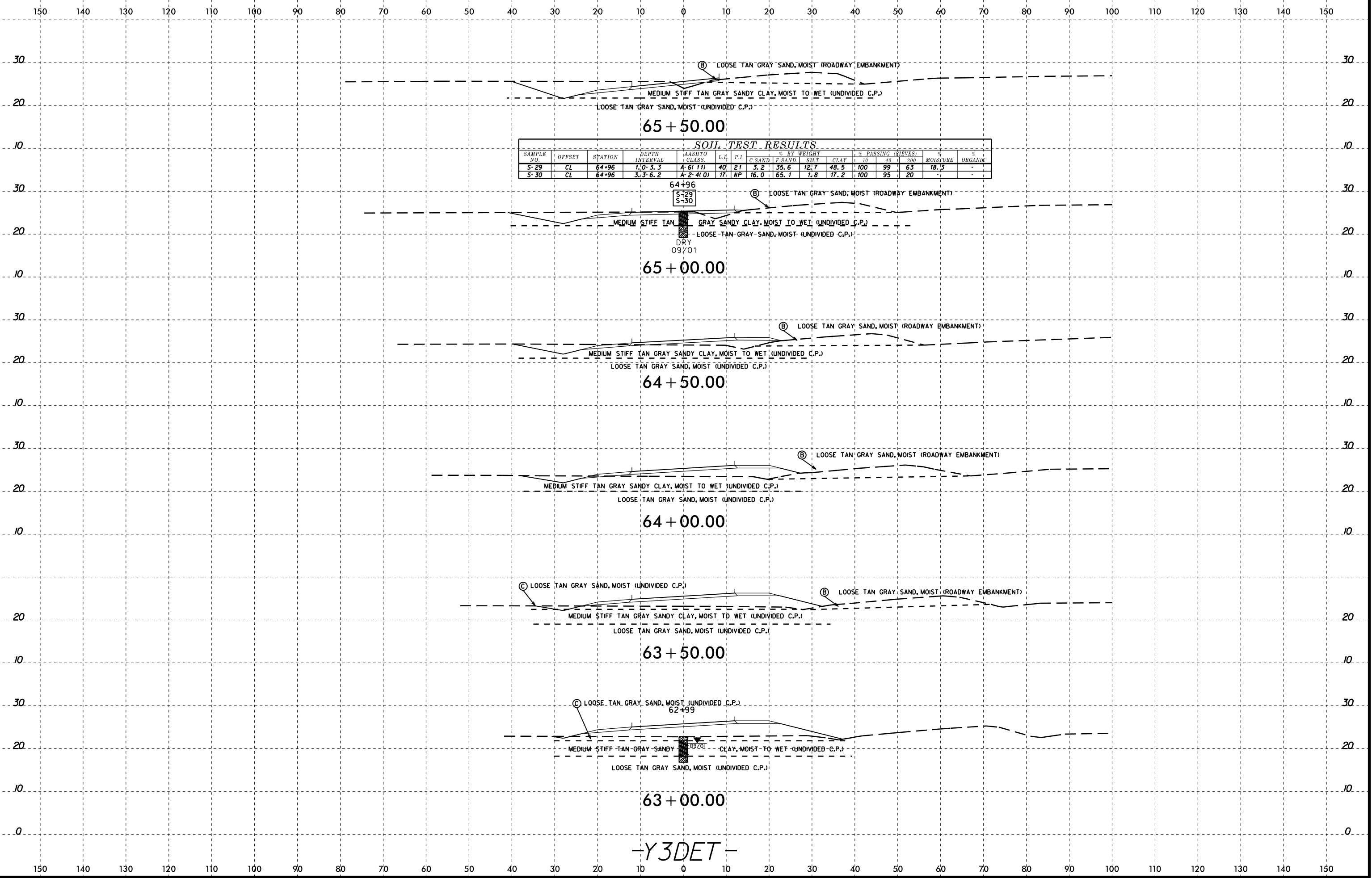


42 + 00.00

-Y3DET-

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

04-MAR-2015 11:41 | C:\Users\jg\Documents\Investigation\TIP\R1015_GEO_PDMY_REV1_2012\CADD_GEO\TECH\sec\R1015_GEO.rdy_Y3DET_xst_3900.dgn
 User: jg
 Plot: 100%
 Plotter: HP DesignJet 2400



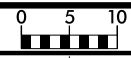
SOIL TEST RESULTS

SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	ASHUTO CLASS	L.L.	P.I.	% BY WEIGHT			% PASSING (SIEVES)			% MOISTURE	% ORGANIC	
							C.SAND	F.SAND	CLAY	10	40	200			
S-29	CL	64+96	1.0'-3.3'	A-6(1)	40	21	3.2	35.6	12.7	48.5	100	99	63	18.3	-
S-30	CL	64+96	3.3'-6.2'	A-2-4(0)	17	NP	16.0	65.1	1.8	17.2	100	95	20	-	-

04-MAR-2015 11:41:16 I:\investigation\TIP\R1015_GEO_PDMY_REV1_2012\CADD_GEO\TECH\sec\R1015_GEO_rdy_Y3DET_xst_6300.dgn
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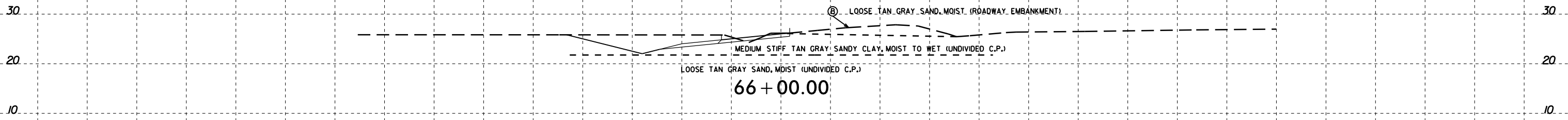
-Y3DET-

8/23/99



PROJ. REFERENCE NO.	SHEET NO.
R-1015	187

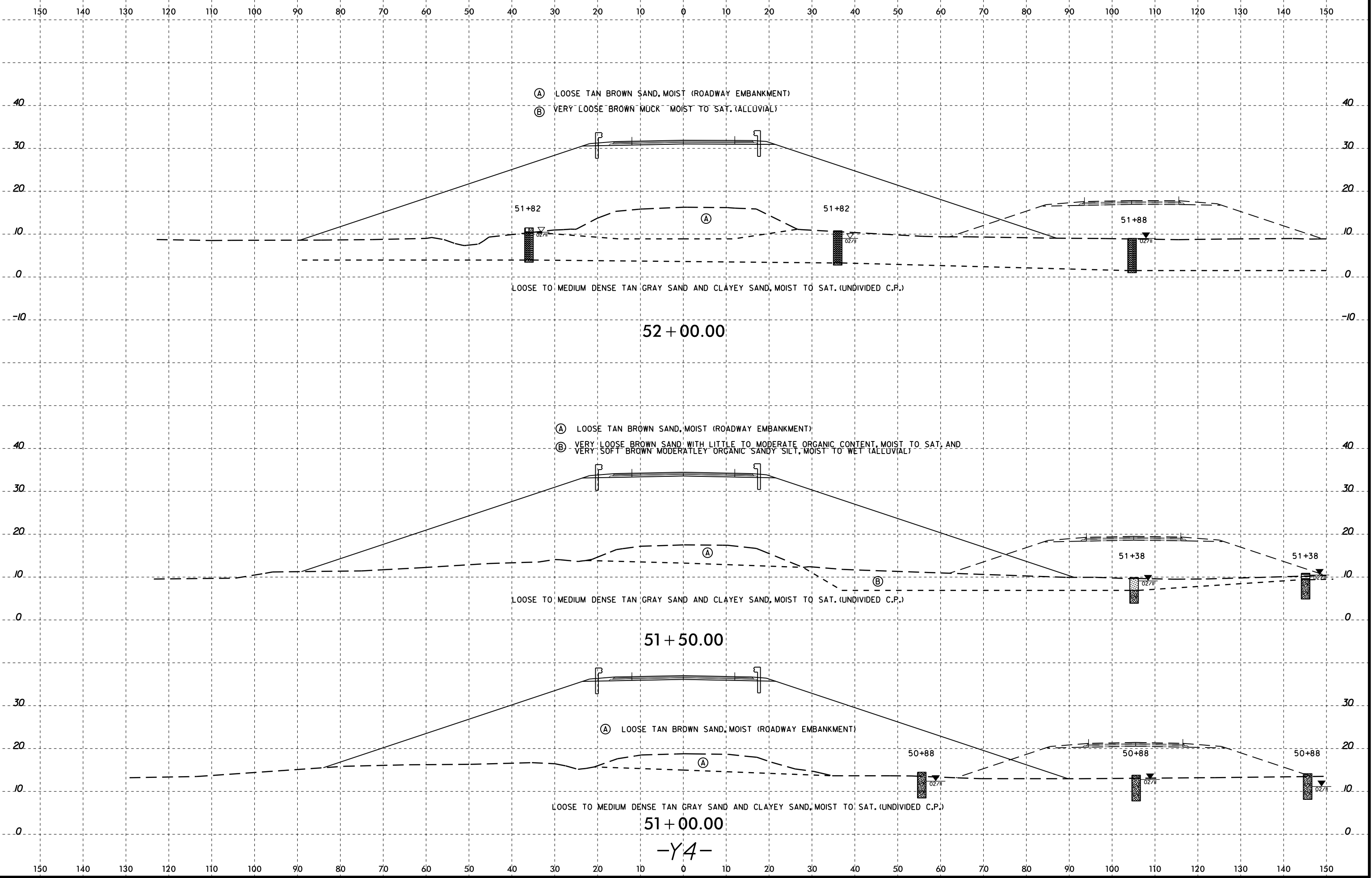
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66 + 00.00

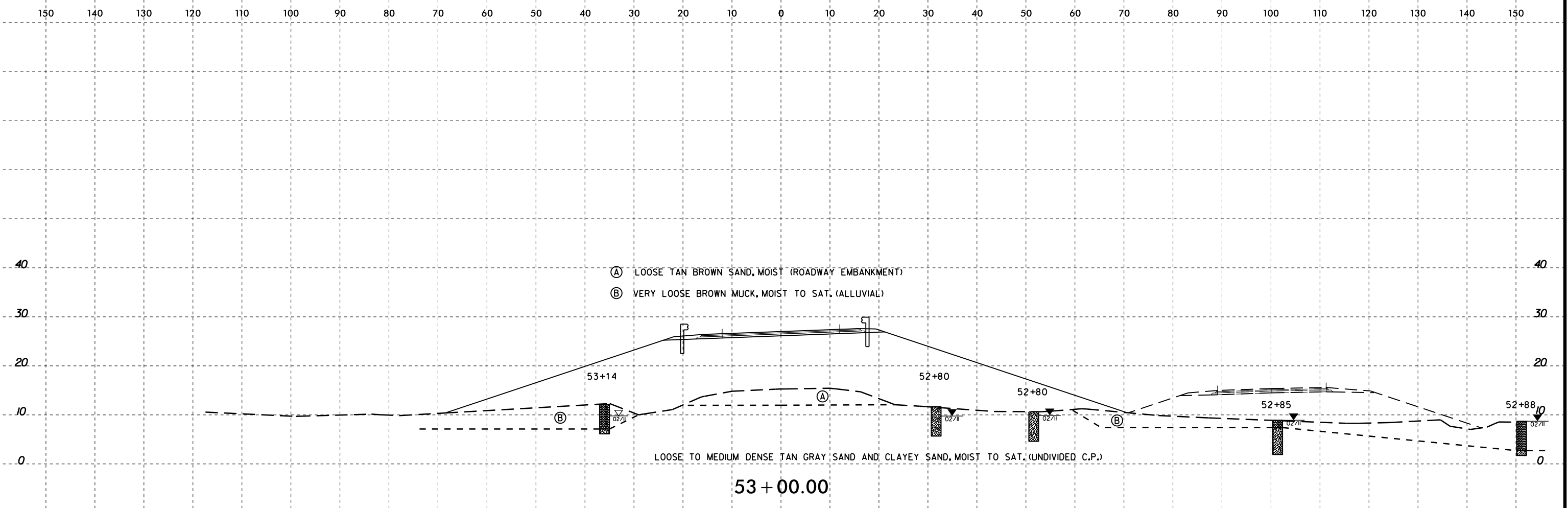
-Y3DET-

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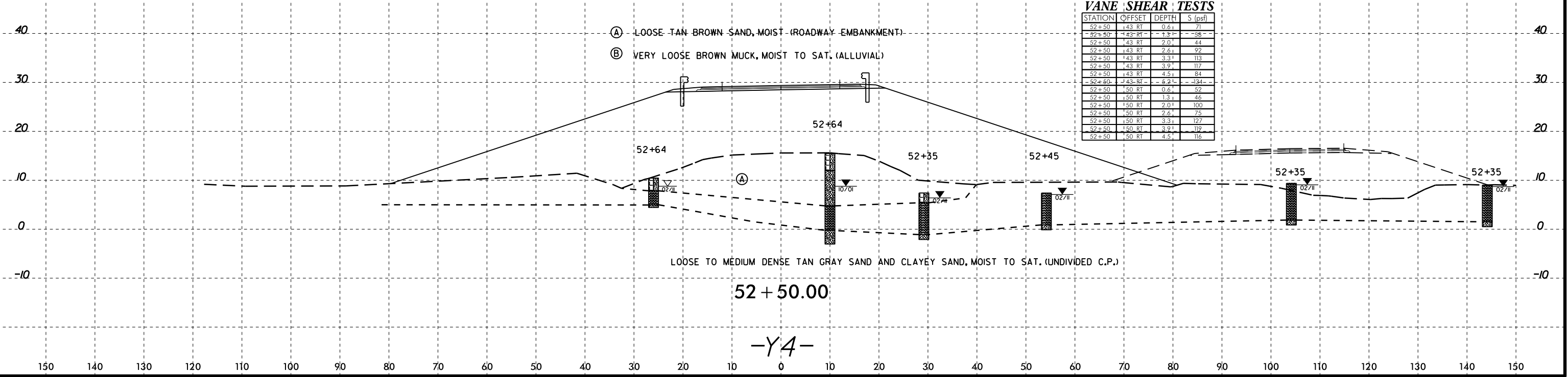


-Y4-

8/23/99

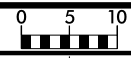


04-MAR-2015 11:41:16 Investigation\TIP\R1015_GEO_RDWY_REV1_2012\CADD_GEO\TECH\sec\R1015_GEO_rdy_Y4_xst.dgn
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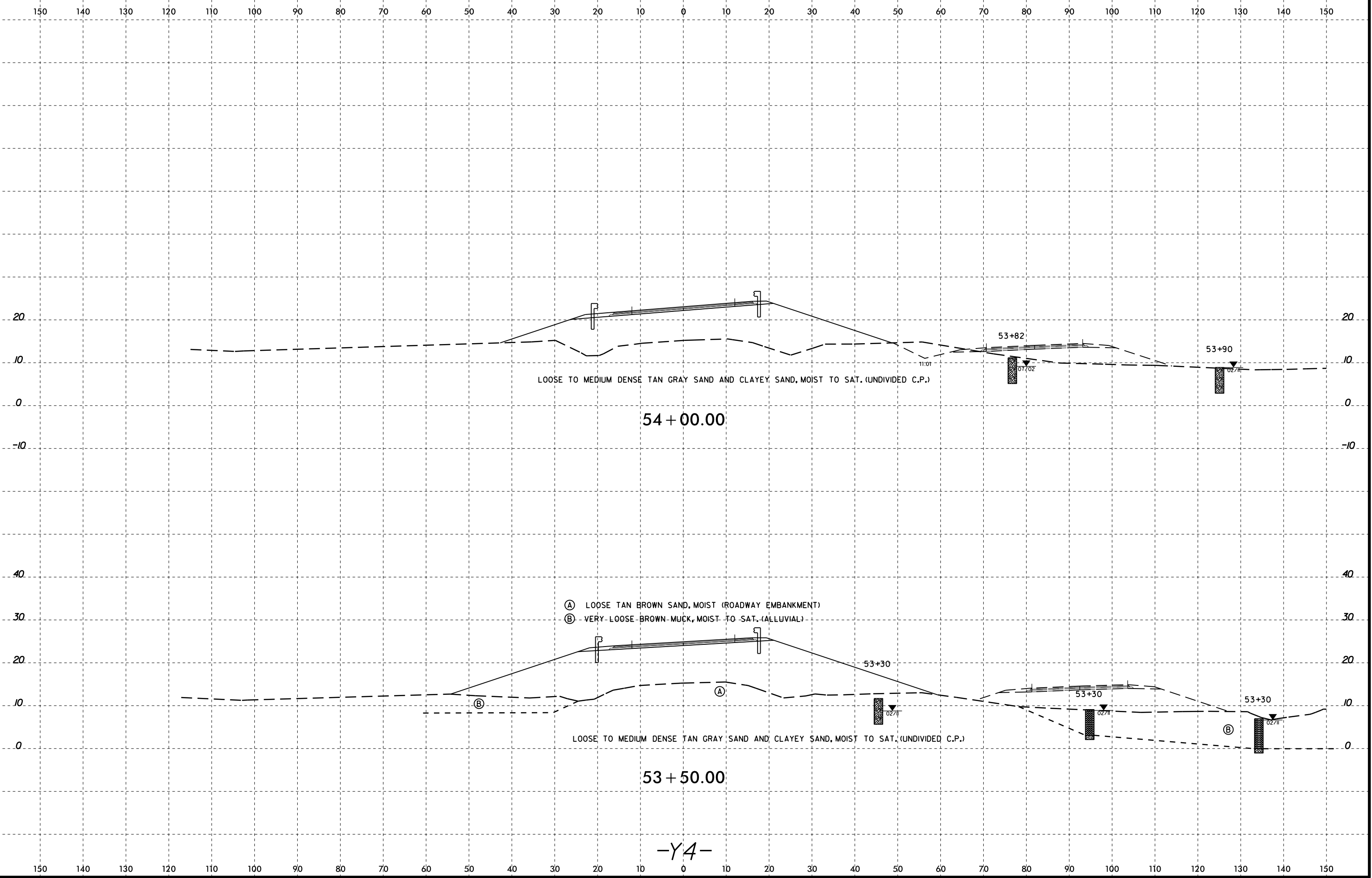


-Y4-

8/23/99

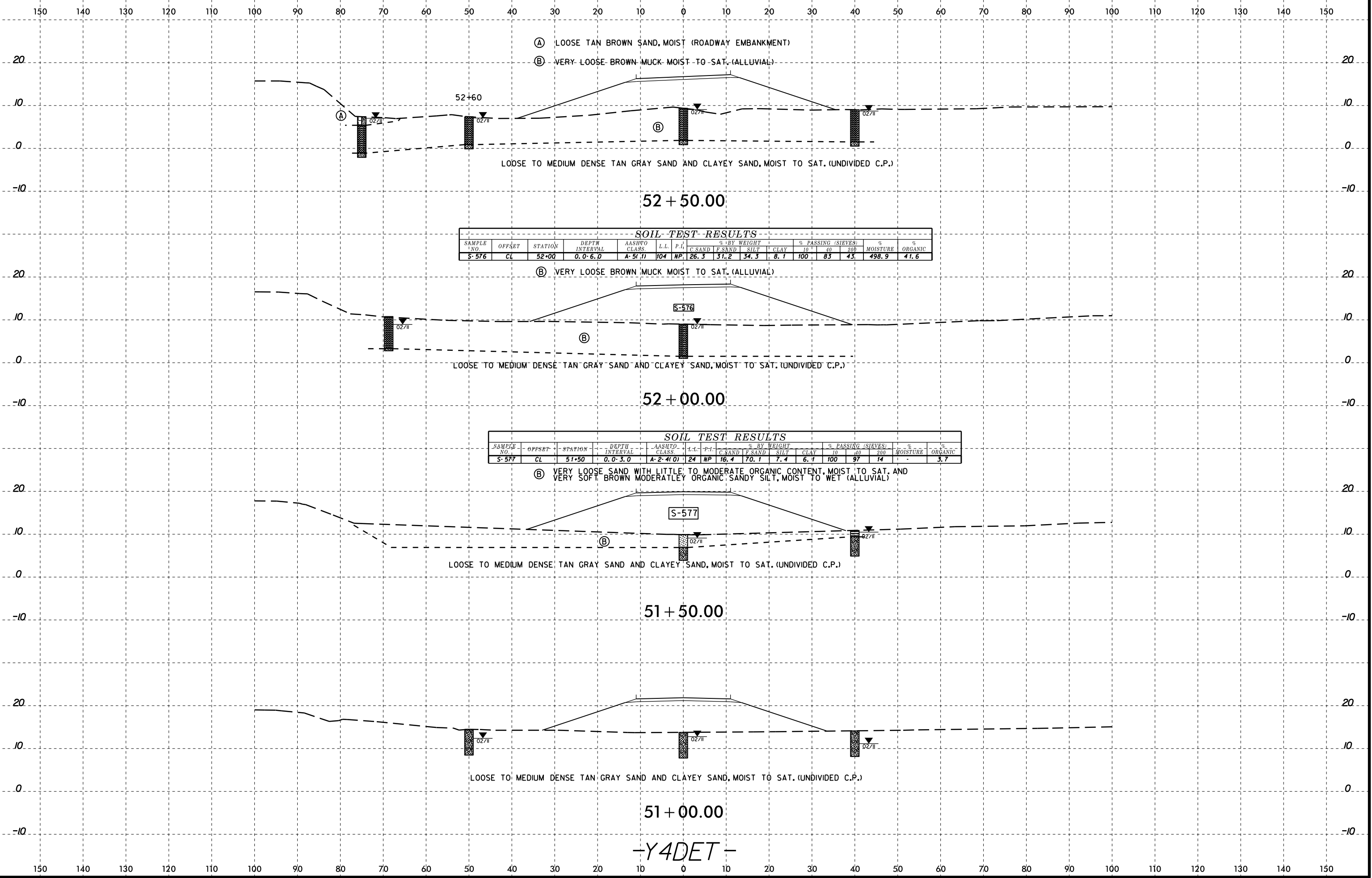


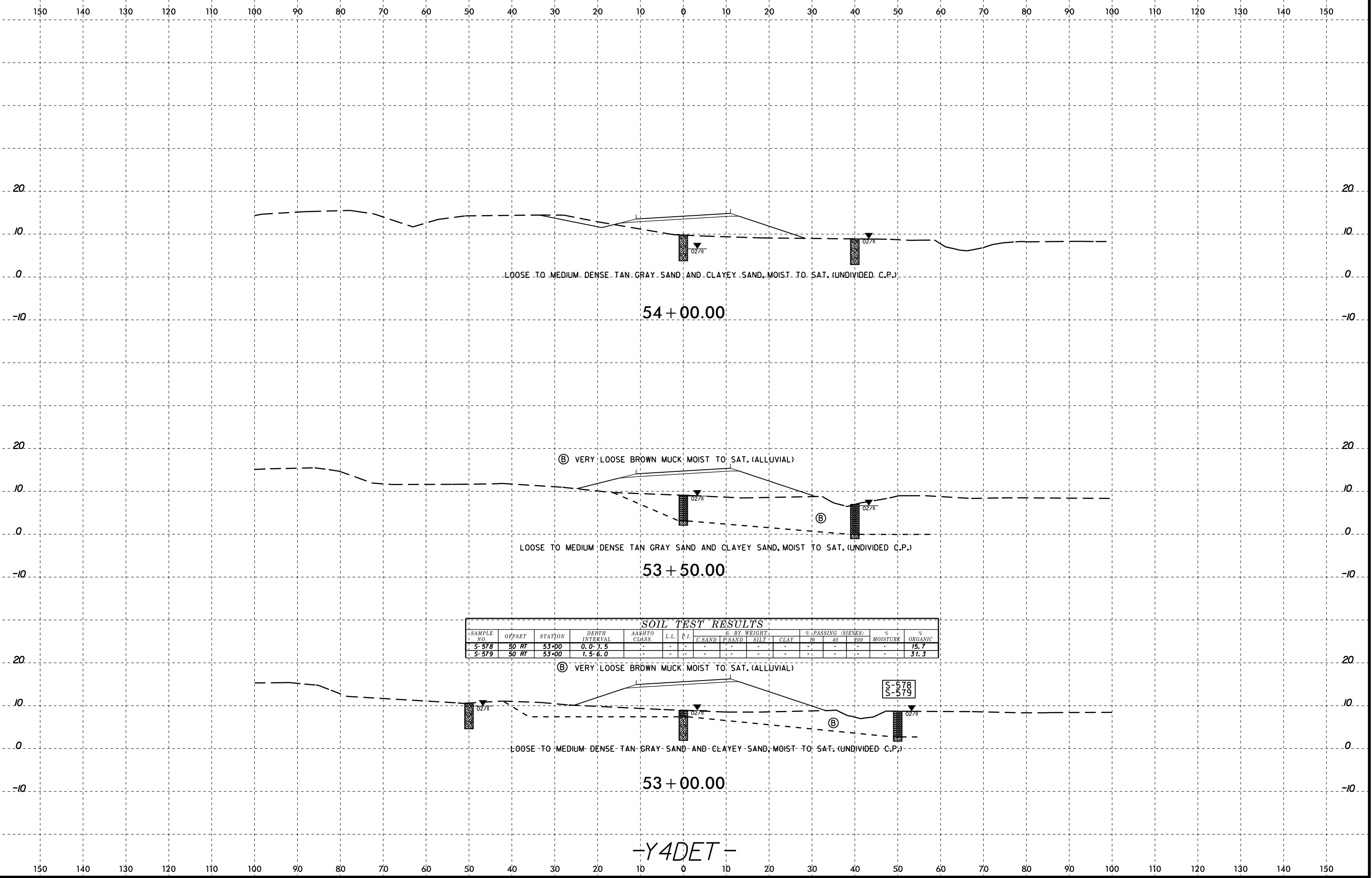
PROJ. REFERENCE NO.	SHEET NO.
R-1015	190



-Y4-

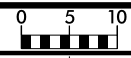
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L:\ERD\Gere\ref\1015_GEO_PDMY_REV1_2012\CADD_GEO\TECH\sec\R1015_GEO_rdy_Y4_xst.dgn
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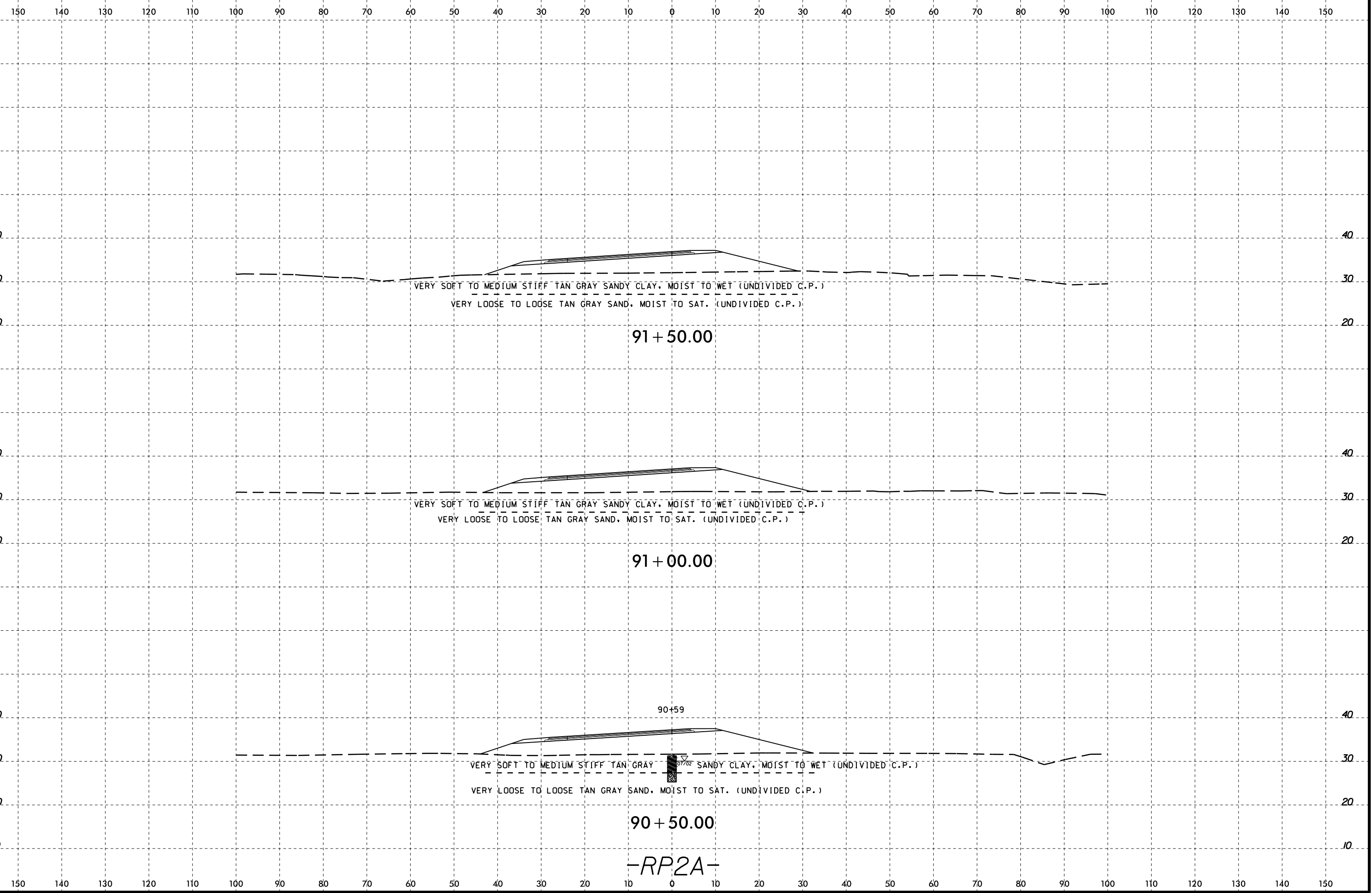


SOIL TEST RESULTS														
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	BY WEIGHT			% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C.SAND	F.SAND	SILT + CLAY	# 20	# 40	# 60		
S-578	50 RT	53+00	0.0 - 1.5											15.7
S-579	50 RT	53+00	1.5 - 6.0											31.3

8/23/99



PROJ. REFERENCE NO.	SHEET NO.
R-1015	193



91 + 50.00

91 + 00.00

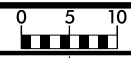
90 + 59

90 + 50.00

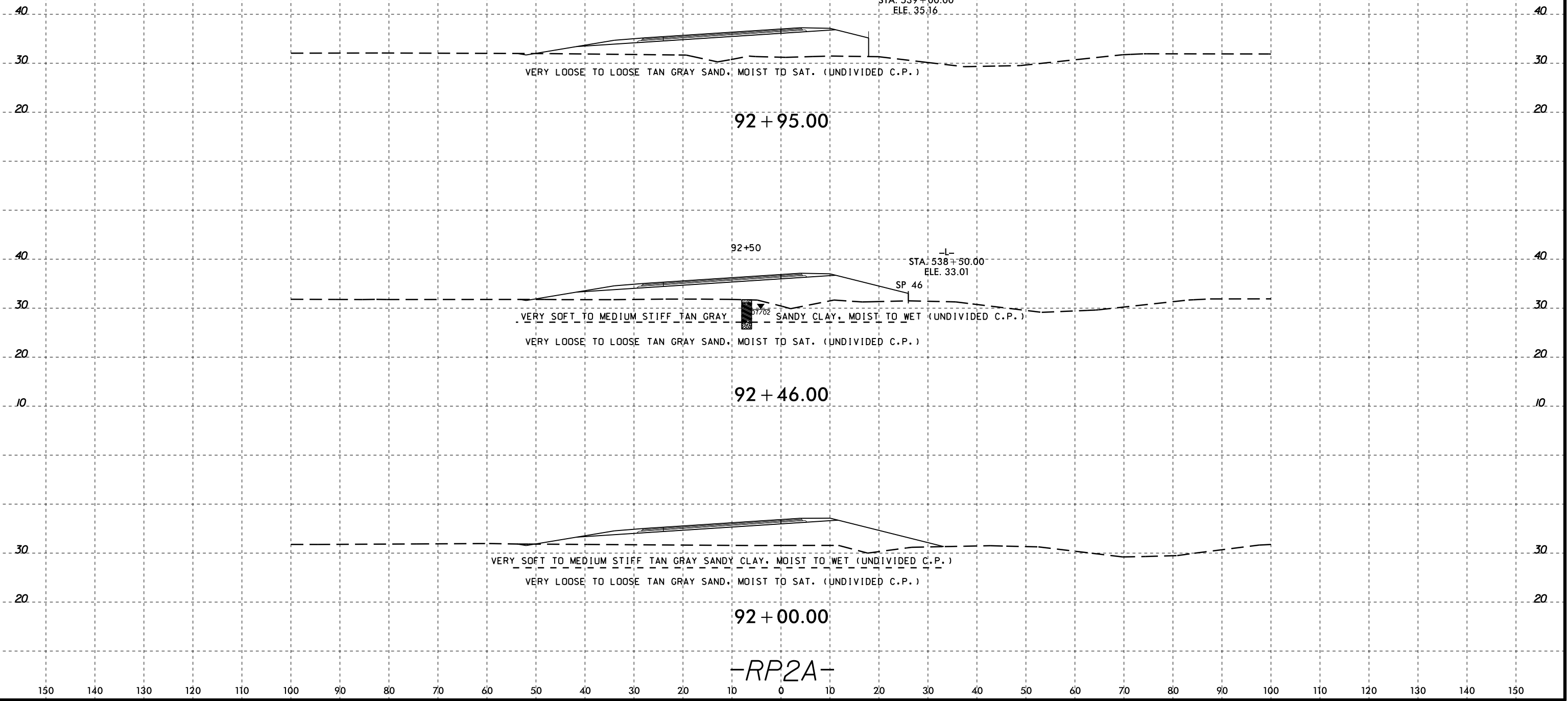
-RP2A-

04-MAR-2015 11:41:16 Investigation\TIP\RP2A\GEO\RDWY_REV1_2012\CADD\GEO\TECH\SEC\RP2A.XST.dgn
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 At: 06/27/2013

8/23/99



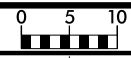
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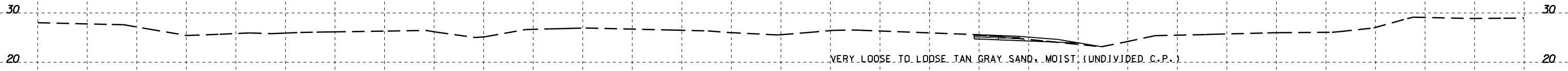
-RP2A-

04-MAR-2015 11:41:16 Investigation\TIP\R1015_GEO_PDMY_REV1_2012\CADD_GEO\TECH\sec\R1015_GEO_rdy_RP2A_xst.dgn
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 At: 10EG77230
 G. Turner

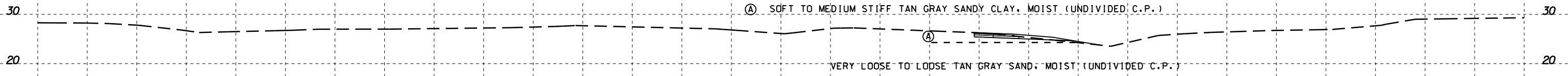
8/23/99



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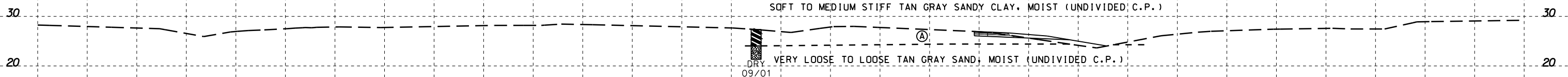


39 + 00.00

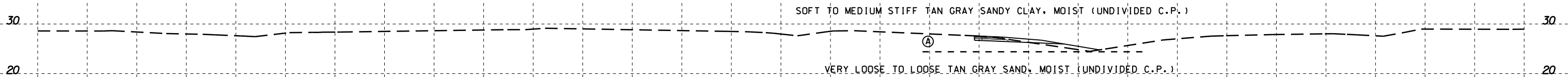


38 + 50.00

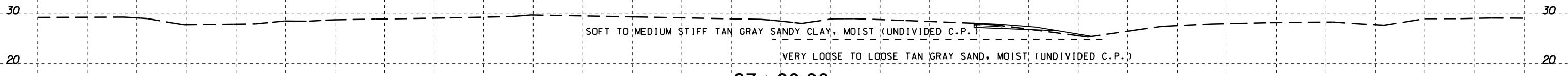
38+05



38 + 00.00



37 + 50.00



37 + 00.00

-RP2AC-

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

04-MAR-2015 11:41:16 Investigation\TIP\RP2AC\GEO\RDWY_REV1_2012\CADD_GEO\TECH\sec\RP2AC_195.dgn

8/23/99

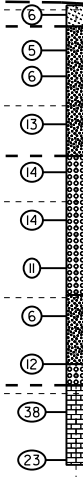
SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS.	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C. SAND	F. SAND	SILT	CLAY	10	40	200		
SS-35	13 LT	5+90	3.7-5.2	A-2-4(0)	21	NP	8.0	76.4	2.4	13.2	100	99	16	-	-
SS-36	13 LT	5+90	21.4-22.9	A-1-B(0)	19	NP	76.3	13.5	5.2	5.1	74	28	9	-	-
SS-37	13 LT	5+90	31.4-32.9	A-2-4(0)	25	NP	2.2	77.4	12.2	8.1	98	96	24	-	-
SS-38	13 LT	5+90	37.3-37.5	A-1-B(0)	23	NP	62.6	30.2	1.2	6.1	87	60	8	-	-
SS-39	13 LT	5+90	41.4-42.9	A-2-4(0)	16	NP	58.7	27.2	8.0	6.1	93	58	14	-	-

SP. 32

-L- STA. 510+50
ELE. 51.82

(A) VERY LOOSE DARK BROWN SAND WITH LITTLE ORGANIC MATTER.
MOIST (UNDIVIDED-C.P.)

5+90
 SS-35
 SS-36
 SS-37
 SS-38
 SS-39



VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (UNDIVIDED C.P.)

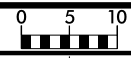
LOOSE TO DENSE GRAY SAND WITH SHELL FRAGMENTS, SAT. (DUPLIN FORMATION)

SOFT TO MODERATELY HARD LIMESTONE (RIVER BEND FORMATION)

5+86.00
-RP2C-

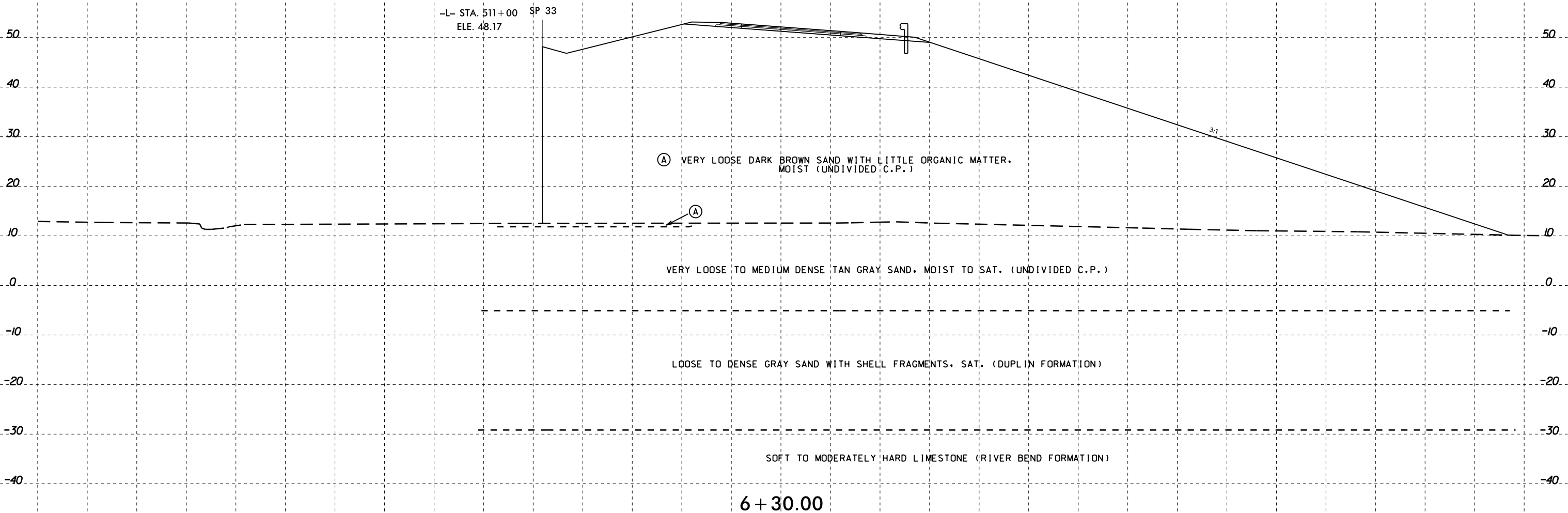
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User: jg
Plot: 06/27/2015

8/23/99



PROJ. REFERENCE NO.	SHEET NO.
R-1015	197

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



-L- STA. 511+00
ELE. 48.17

SP 33

3:1

(A) VERY LOOSE DARK BROWN SAND WITH LITTLE ORGANIC MATTER,
MOIST (UNDIVIDED C.P.)

(A)

VERY LOOSE TO MEDIUM DENSE TAN GRAY SAND, MOIST TO SAT. (UNDIVIDED C.P.)

LOOSE TO DENSE GRAY SAND WITH SHELL FRAGMENTS, SAT. (DUPLIN FORMATION)

SOFT TO MODERATELY HARD LIMESTONE (RIVER BEND FORMATION)

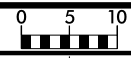
6 + 30.00

-RP2C-

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

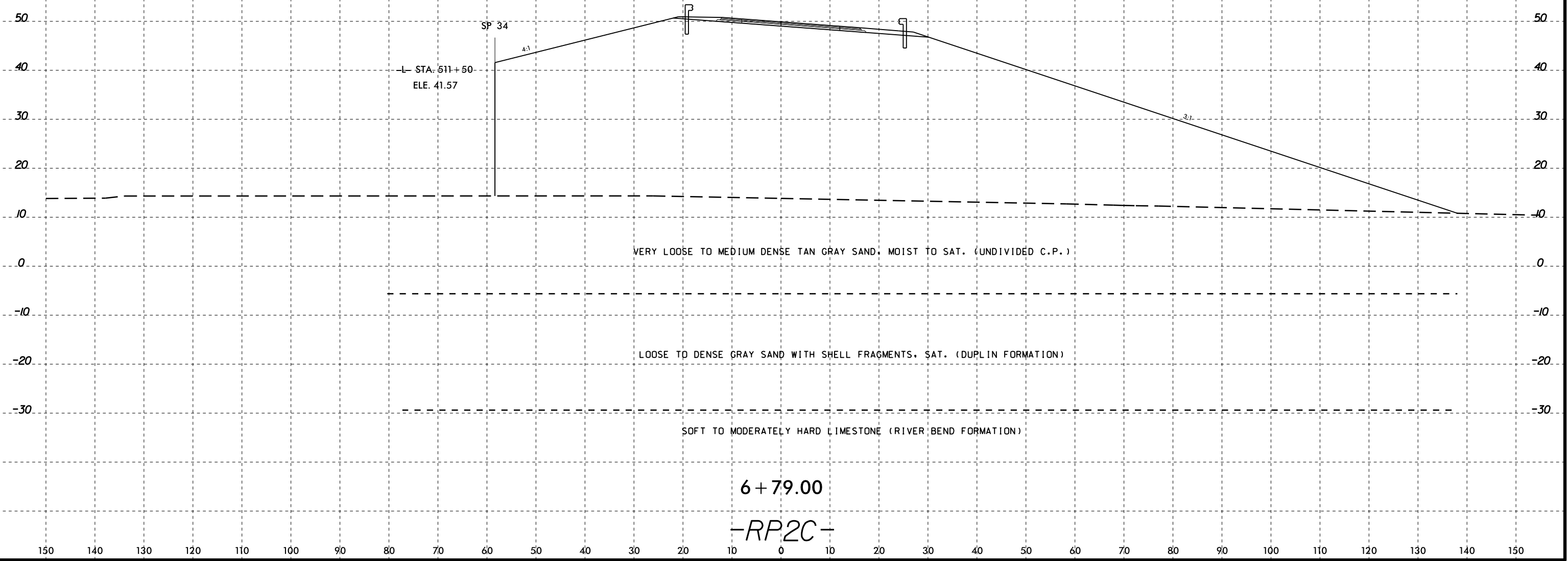
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 User: jg...
 Plot: 10/27/2015 10:00:00 AM
 Plotter: HP DesignJet 2400

8/23/99



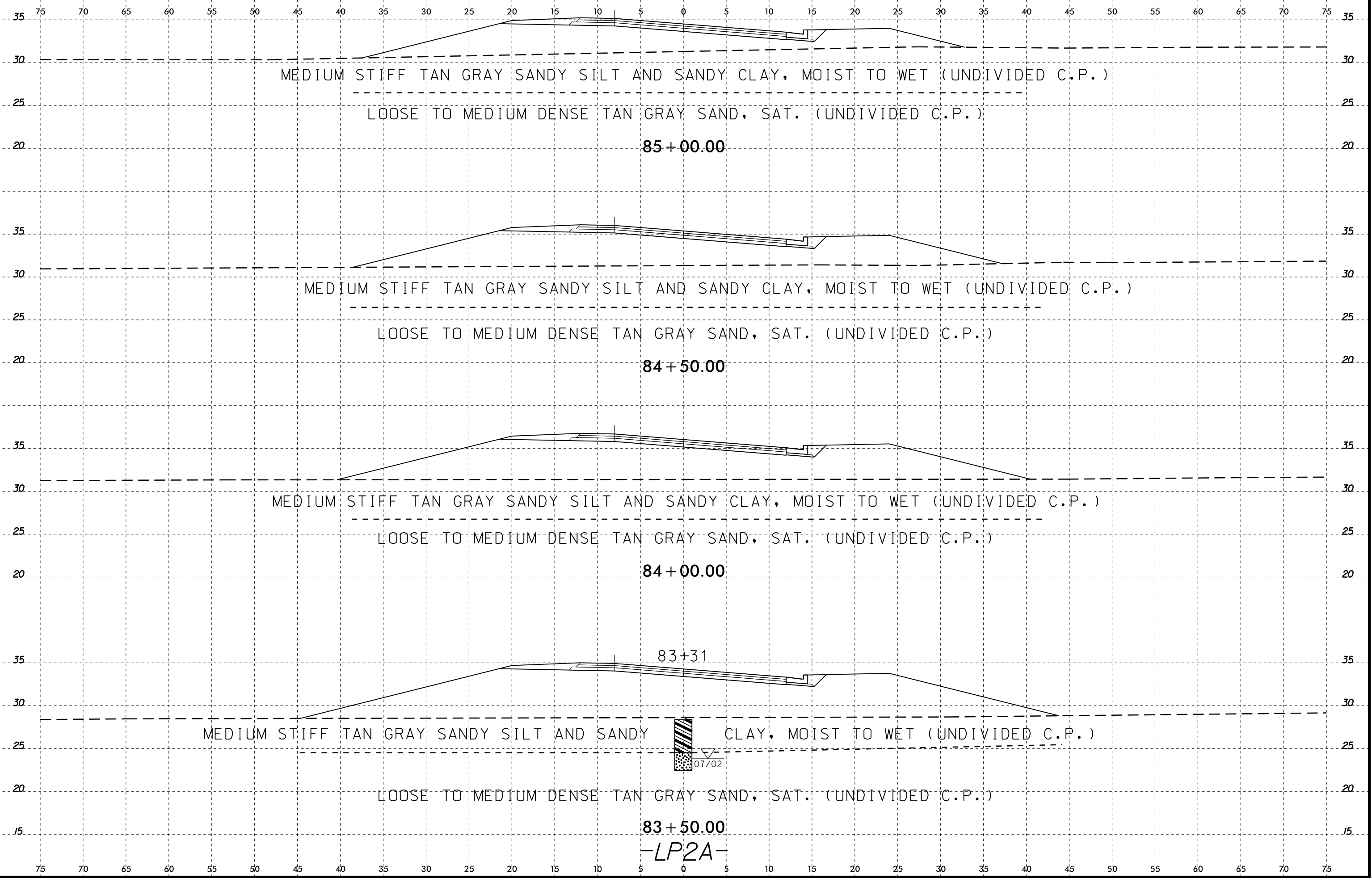
PROJ. REFERENCE NO.	SHEET NO.
R-1015	198

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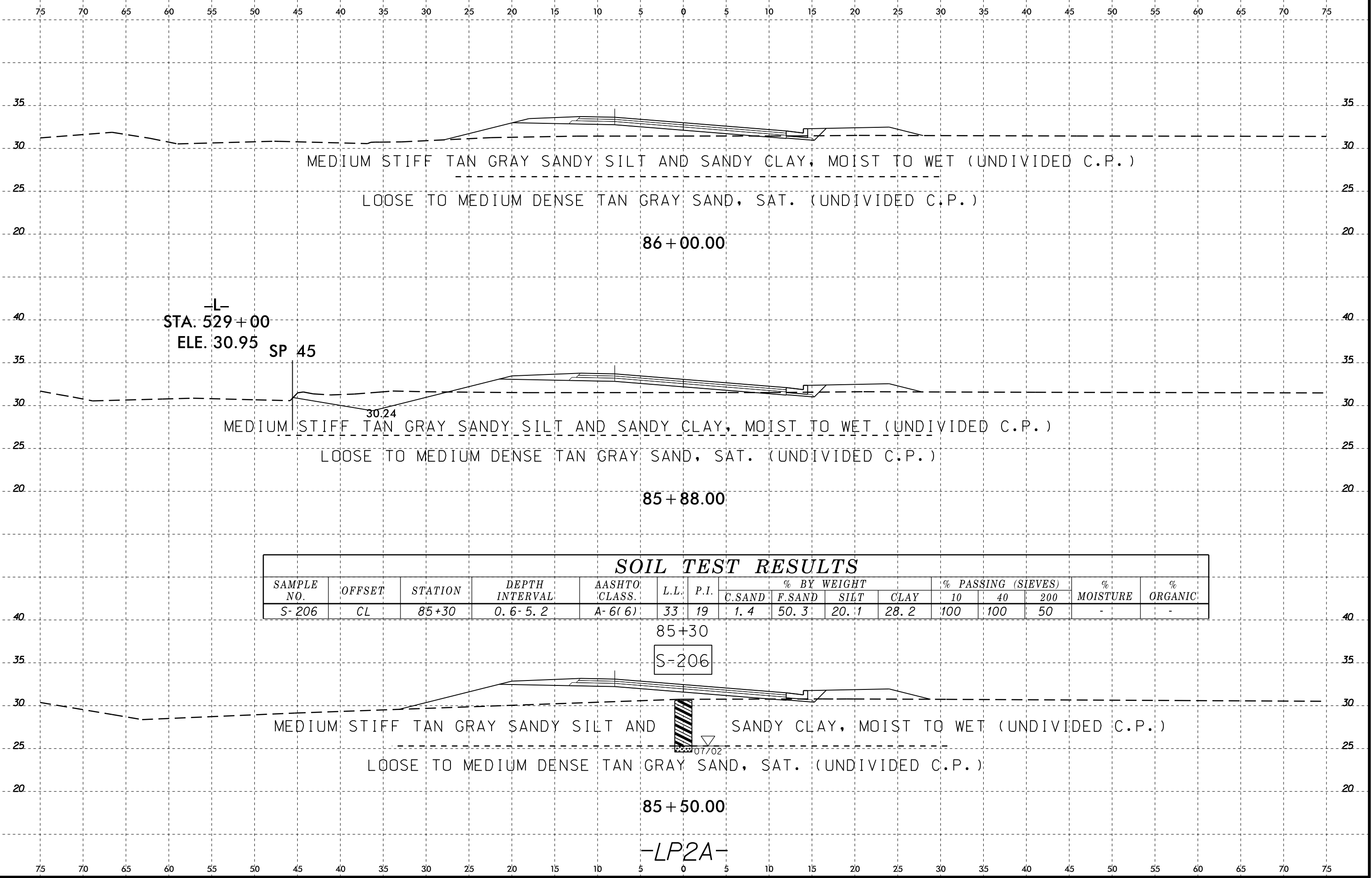
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 User: G. Turner
 Plot: G:\EG7730

8/23/99



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C:\ERD_Geotech\Atty\GEG77230

8/23/99



—L—
STA. 529+00
ELE. 30.95
SP 45

MEDIUM STIFF TAN GRAY SANDY SILT AND SANDY CLAY, MOIST TO WET (UNDIVIDED C.P.)

LOOSE TO MEDIUM DENSE TAN GRAY SAND, SAT. (UNDIVIDED C.P.)

86+00.00

MEDIUM STIFF TAN GRAY SANDY SILT AND SANDY CLAY, MOIST TO WET (UNDIVIDED C.P.)

LOOSE TO MEDIUM DENSE TAN GRAY SAND, SAT. (UNDIVIDED C.P.)

85+88.00

SOIL TEST RESULTS															
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS	L.L.	P.I.	% BY WEIGHT				% PASSING (SIEVES)			% MOISTURE	% ORGANIC
							C.SAND	F.SAND	SILT	CLAY	10	40	200		
S-206	CL	85+30	0.6-5.2	A-6(6)	33	19	1.4	50.3	20.1	28.2	100	100	50	-	-

85+30

S-206

MEDIUM STIFF TAN GRAY SANDY SILT AND SANDY CLAY, MOIST TO WET (UNDIVIDED C.P.)

LOOSE TO MEDIUM DENSE TAN GRAY SAND, SAT. (UNDIVIDED C.P.)

85+50.00

-LP2A-

04-MAR-2015 11:41:16 Investigation\TIP\R1015_GEO_PDMY_REV1_2012\CADD_GEO\TECH\sec\R1015_GEO_rdy_LP2A_xst.dgn
 User: G...
 Plotter: ...