

**APPENDIX 2:
SHOVEL TEST RECORDS**

**Phase IB Archeological Reconnaissance Survey Interchanges 23 and 24 Reconstruction
Shovel Test Records**

	Depth (cm)	Soil Type	Soil Inclusions	Munsell Color		Termination Reason
1	0 - 22	sandy loam		10YR 3/2	very dark grayish brown	
	22 - 55	fine silty sand		10YR 5/6	yellowish brown	subsoil
2	0 - 20	sand		10YR 2/2	very dark brown	
	20 - 60	sand		10YR 3/6	dark yellowish brown	subsoil
3	0 - 16	sandy humus		10YR 2/1	black	
	16 - 30	sand		10YR 4/4	dark yellowish brown	
	30 - 70	sand		10YR 5/4	yellowish brown	subsoil
4	0 - 23	sandy loam		10YR 3/2	very dark grayish brown	
	23 - 61	fine silty sand		10YR 6/6	brownish yellow	subsoil
5	0 - 14	sand		10YR 2/2	very dark brown	
	14 - 27	sand		10YR 3/3	dark brown	
	27 - 50	sand		10YR 4/6	dark yellowish brown	subsoil
6	0 - 6	sand		10YR 2/2	very dark brown	
	6 - 25	sand		10YR 3/3	dark brown	
	25 - 50	sand		10YR 4/6	dark yellowish brown	subsoil
7	0 - 19	sandy humus		10YR 2/1	black	
	19 - 31	sand		10YR 4/3	brown	
	31 - 57	sand		10YR 5/4	yellowish brown	
	57 - 74	sand		10YR 5/6	yellowish brown	subsoil
8	0 - 23	sandy silt		10YR 3/2	very dark grayish brown	
	23 - 41	fine silty sand		10YR 5/6	yellowish brown	
	41 - 60	fine silty sand		10YR 6/6	brownish yellow	subsoil
9	0 - 34	sand		10YR 3/3	dark brown	
	34 - 55	sand		10YR 4/6	dark yellowish brown	subsoil
10	0 - 11	sandy humus		10YR 2/1	black	
	11 - 33	sand		10YR 4/3	brown	
	33 - 66	sand		10YR 5/8	yellowish brown	subsoil
11	0 - 20	sandy loam		10YR 3/2	very dark grayish brown	
	20 - 37	fine silty sand		10YR 5/6	yellowish brown	
	37 - 51	fine silty sand		10YR 7/6	yellow	subsoil
12	0 - 11	sandy humus		10YR 2/1	black	
	11 - 35	sand		10YR 4/4	dark yellowish brown	
	35 - 77	sand	charred wood	10YR 5/6	yellowish brown	subsoil
13	0 - 7	sand		10YR 2/2	very dark brown	
	7 - 28	sand		10YR 3/3	dark brown	
	28 - 52	sand		10YR 4/6	dark yellowish brown	subsoil
14	0 - 12	sandy silt		10YR 3/2	very dark grayish brown	
	12 - 29	fine silty sand		10YR 4/4	dark yellowish brown	
	29 - 45	fine silty sand		10YR 5/4	yellowish brown	subsoil

**Phase IB Archeological Reconnaissance Survey Interchanges 23 and 24 Reconstruction
Shovel Test Records**

	<u>Depth (cm)</u>	<u>Soil Type</u>	<u>Soil Inclusions</u>	<u>Munsell Color</u>		<u>Termination Reason</u>
15	0 - 16	sandy humus		10YR 2/1	black	
	16 - 33	sand		10YR 4/3	brown	
	33 - 56	sand		10YR 5/8	yellowish brown	subsoil
16	0 - 11	silt		10YR 3/2	very dark grayish brown	
	11 - 33	sandy silt		10YR 4/3	brown	
	33 - 51	fine silty sand		10YR 5/6	yellowish brown	subsoil
17	0 - 13	sand		10YR 3/3	dark brown	
	13 - 45	sand		10YR 3/6	dark yellowish brown	subsoil
18	0 - 11	sandy humus		10YR 3/2	very dark grayish brown	
	11 - 27	silt		10YR 4/4	dark yellowish brown	
	27 - 51	sandy silt		10YR 5/6	yellowish brown	subsoil
19	0 - 32	road fill		2.5Y 3/3	dark olive brown	road fill
20	0 - 41	fine silty sand		10YR 5/4	yellowish brown	
	41 - 52	fine silty sand		10YR 5/6	yellowish brown	subsoil
21	0 - 24	sand	fill	10YR 4/4	dark yellowish brown	
	24 - 74	sand	fill	10YR 5/4	yellowish brown	
	74 - 90	sand		10YR 4/3	brown	
	90 - 100	sand		10YR 5/6	yellowish brown	depth
22	0 - 36	sand		10YR 3/6	dark yellowish brown	
	36 - 50	sand		10YR 4/6	dark yellowish brown	subsoil
23	0 - 5	sandy humus		10YR 3/2	very dark grayish brown	
	5 - 46	fine silty sand		10YR 5/6	yellowish brown	subsoil
24	0 - 9	sandy humus		10YR 2/1	black	
	9 - 15	sand		10YR 4/4	dark yellowish brown	
	15 - 95	sand		10YR 5/6	yellowish brown	subsoil
25	0 - 7	sand	coal and clinker	10YR 2/2	very dark brown	
	7 - 23	sand	coal and coal ash	10YR 3/6	dark yellowish brown	
	23 - 45	sand		10YR 4/6	dark yellowish brown	subsoil
26	0 - 12	sandy humus	coal	10YR 3/2	very dark grayish brown	
	12 - 50	fine silty sand		10YR 5/4	yellowish brown	subsoil
27	0 - 13	sand		10YR 3/2	very dark grayish brown	
	13 - 32	sand		10YR 4/3	brown	
	32 - 45	sand		10YR 3/2	very dark grayish brown	
		sand		10YR 5/4	yellowish brown	
	45 - 60	sand		10YR 4/3	brown	
	60 - 80	sand		10YR 5/6	yellowish brown	subsoil

**Phase IB Archeological Reconnaissance Survey Interchanges 23 and 24 Reconstruction
Shovel Test Records**

	<u>Depth (cm)</u>	<u>Soil Type</u>	<u>Soil Inclusions</u>	<u>Munsell Color</u>		<u>Termination Reason</u>
28	0 - 7	sand	charcoal	10YR 2/2	very dark brown	
	7 - 20	sand	charcoal	10YR 3/3	dark brown	
	20 - 29	sand	charcoal	10YR 3/6	dark yellowish brown	
	29 - 38	sand	charcoal	10YR 4/6	dark yellowish brown	
	38 - 47	sand	charcoal	10YR 3/6	dark yellowish brown	
	47 - 52	sand	charcoal	7.5YR 4/6	strong brown	
	52 - 65	sand	charcoal	10YR 3/6	dark yellowish brown	subsoil
29	0 - 7	sandy humus		10YR 2/1	black	
	7 - 61	fine sandy silt		10YR 4/2	dark grayish brown	
	61 - 73	fine silty sand		10YR 5/6	yellowish brown	subsoil
30	0 - 27	sandy humus		10YR 2/1	black	
	27 - 47	silty sand		10YR 5/6	yellowish brown	
	47 - 52	silty sand		10YR 4/3	brown	
	52 - 82	silty sand		10YR 5/6	yellowish brown	subsoil
31	0 - 14	silty sand		10YR 3/2	very dark grayish brown	
	14 - 31	fine silty sand		10YR 4/6	dark yellowish brown	
	31 - 56	fine silty sand		10YR 5/6	yellowish brown	subsoil
32	0 - 8	sand		10YR 2/2	very dark brown	
	8 - 50	sand		10YR 4/6	dark yellowish brown	subsoil
33	0 - 12	sand		10YR 2/1	black	
	12 - 35	silty sand		10YR 5/4	yellowish brown	
		silty sand		10YR 4/3	brown	
		silty sand		10YR 4/6	dark yellowish brown	
	35 - 60	sand		10YR 5/4	yellowish brown	subsoil
34	0 - 7	sandy silt		10YR 3/2	very dark grayish brown	
	7 - 38	fine silty sand		10YR 4/4	dark yellowish brown	
	38 - 61	fine silty sand		10YR 5/6	yellowish brown	subsoil
35	0 - 5	sand		10YR 2/2	very dark brown	
	5 - 18	sand		10YR 4/6	dark yellowish brown	
	18 - 24	sand	charcoal	10YR 2/1	black	
	24 - 38	sand		10YR 3/6	dark yellowish brown	
	38 - 50	sand		7.5YR 4/6	strong brown	subsoil
36	0 - 6	sandy silt		10YR 3/2	very dark grayish brown	
	6 - 36	fine silty sand		10YR 4/3	brown	
	36 - 54	fine silty sand		10YR 5/6	yellowish brown	subsoil
37	0 - 14	sandy humus		10YR 2/1	black	
	14 - 31	silty sand		10YR 3/3	dark brown	
	31 - 56	sand		10YR 5/8	yellowish brown	subsoil
38	0 - 14	sand		10YR 2/2	very dark brown	
	14 - 30	sand		10YR 3/6	dark yellowish brown	
	30 - 50	sand		10YR 5/8	yellowish brown	subsoil

**Phase IB Archeological Reconnaissance Survey Interchanges 23 and 24 Reconstruction
Shovel Test Records**

	<u>Depth (cm)</u>	<u>Soil Type</u>	<u>Soil Inclusions</u>	<u>Munsell Color</u>		<u>Termination Reason</u>
39	0 - 8	sandy humus		10YR 3/2	very dark grayish brown	
	8 - 41	fine silty sand		10YR 5/6	yellowish brown	
	41 - 53	fine silty sand		10YR 6/8	brownish yellow	subsoil
40	0 - 20	sandy humus		10YR 2/1	black	
	20 - 55	sand		10YR 6/3	pale brown	
	55 - 73	sand		10YR 5/8	yellowish brown	subsoil
41	0 - 11	fine silty sand		10YR 3/2	very dark grayish brown	
	11 - 18	fine silty sand		10YR 7/2	light gray	
	18 - 50	fine silty sand		10YR 6/6	brownish yellow	
	50 - 71	fine silty sand		2.5Y 6/4	light yellowish brown	subsoil
42	0 - 32	sand		10YR 2/1	black	
	32 - 54	sand		10YR 5/4	yellowish brown	subsoil
43	0 - 22	sandy humus		10YR 2/1	black	
	22 - 46	sand		10YR 4/3	brown	
		sand		10YR 6/3	pale brown	
	46 - 58	sand		10YR 6/3	pale brown	subsoil
44	0 - 12	silty loam		10YR 2/1	black	
	12 - 32	sandy silt		10YR 5/6	yellowish brown	
	32 - 51	fine silty sand		10YR 6/4	light yellowish brown	subsoil
45	0 - 17	sand	road ballast	10YR 3/2	very dark grayish brown	
	17 - 36	sand	gravel	10YR 4/4	dark yellowish brown	
	36 - 48	sand		10YR 5/4	yellowish brown	subsoil
46	0 - 25	sandy humus		10YR 2/1	black	
	25 - 37	sand		10YR 6/3	pale brown	
	37 - 50	sand		10YR 3/3	dark brown	
	50 - 60	sand		10YR 5/8	yellowish brown	subsoil
47	0 - 10	silty loam		10YR 3/2	very dark grayish brown	
	10 - 44	fine silty sand		10YR 4/6	dark yellowish brown	
	44 - 61	fine silty sand		10YR 5/6	yellowish brown	subsoil
48	0 - 26	sand		10YR 2/2	very dark brown	
	26 - 50	sand		10YR 4/6	dark yellowish brown	subsoil
49	0 - 13	sandy humus		10YR 2/1	black	
	13 - 25	silty sand		10YR 4/3	brown	
	25 - 55	silty sand		10YR 5/6	yellowish brown	subsoil
50	0 - 14	sandy silt		10YR 3/2	very dark grayish brown	
	14 - 44	fine silty sand		10YR 3/6	dark yellowish brown	subsoil
51	0 - 8	sandy humus		10YR 2/2	very dark brown	
	8 - 40	sand		10YR 3/6	dark yellowish brown	subsoil
52	0 - 12	sandy humus		10YR 2/1	black	
	12 - 52	fine silty sand		10YR 5/6	yellowish brown	subsoil

**Phase IB Archeological Reconnaissance Survey Interchanges 23 and 24 Reconstruction
Shovel Test Records**

	<u>Depth (cm)</u>	<u>Soil Type</u>	<u>Soil Inclusions</u>	<u>Munsell Color</u>		<u>Termination Reason</u>
53	0 - 7	sandy humus		10YR 2/2	very dark brown	
	7 - 19	sand		10YR 4/6	dark yellowish brown	
	19 - 24	sand	charcoal	10YR 2/1	black	
	24 - 45	sand		10YR 4/6	dark yellowish brown	subsoil
54	0 - 22	silty sand		10YR 4/3	brown	
	22 - 57	fine silty sand		10YR 5/6	yellowish brown	subsoil
55	0 - 33	sand		10YR 4/4	dark yellowish brown	
		sand		10YR 4/3	brown	
	33 - 36	sand		10YR 2/1	black	
	36 - 55	sand		10YR 4/4	dark yellowish brown	
		sand		10YR 4/3	brown	
	55 - 85	sand		10YR 5/6	yellowish brown	subsoil
56	0 - 9	sand		10YR 2/2	very dark brown	
	9 - 32	sand		10YR 3/6	dark yellowish brown	
	32 - 50	sand		10YR 4/6	dark yellowish brown	subsoil
57	0 - 14	humus		10YR 2/1	black	
	14 - 36	fine silty sand		10YR 4/3	brown	
	36 - 54	fine silty sand		10YR 5/6	yellowish brown	subsoil
58	0 - 12	loamy sand	humus	10YR 3/2	very dark grayish brown	
	12 - 44	sand		10YR 4/3	brown	
	44 - 60	sand		10YR 5/6	yellowish brown	subsoil
59	0 - 19	sandy humus		10YR 2/1	black	
	19 - 47	silty sand		10YR 4/3	brown	
	47 - 79	sand		10YR 5/6	yellowish brown	subsoil
60	0 - 10	loamy sand	humus	10YR 3/2	very dark grayish brown	
	10 - 34	sand		10YR 4/4	dark yellowish brown	
	34 - 52	sand		10YR 5/6	yellowish brown	subsoil
61	0 - 6	silty humus		10YR 2/1	black	
	6 - 17	fine silty sand		10YR 4/3	brown	
	17 - 44	fine silty sand		10YR 5/6	yellowish brown	subsoil
62	0 - 8	sand	charcoal	10YR 2/1	black	
	8 - 55	sand		10YR 4/6	dark yellowish brown	subsoil
63	0 - 10	sandy humus		10YR 2/1	black	
	10 - 28	sand	fill	10YR 5/4	yellowish brown	
	28 - 50	sand		10YR 4/3	brown	
	50 - 70	sand		10YR 5/6	yellowish brown	subsoil
64	0 - 7	loamy sand	humus	10YR 3/2	very dark grayish brown	
	7 - 18	sand		10YR 3/4	dark yellowish brown	
	18 - 48	sand		10YR 6/6	brownish yellow	subsoil

**Phase IB Archeological Reconnaissance Survey Interchanges 23 and 24 Reconstruction
Shovel Test Records**

	<u>Depth (cm)</u>	<u>Soil Type</u>	<u>Soil Inclusions</u>	<u>Munsell Color</u>		<u>Termination Reason</u>
65	0 - 12	sand		10YR 2/2	very dark brown	
	12 - 34	sand		10YR 3/6	dark yellowish brown	
	34 - 50	sand		10YR 4/6	dark yellowish brown	subsoil
66	0 - 7	silty humus		10YR 3/2	very dark grayish brown	
	7 - 23	fine silty sand		10YR 4/4	dark yellowish brown	
	23 - 49	fine silty sand		10YR 5/6	yellowish brown	subsoil
67	0 - 11	silty humus		10YR 2/1	black	
	11 - 31	silt		10YR 5/6	yellowish brown	
		silt		10YR 4/3	brown	
	31 - 34	silty sand		10YR 2/1	black	
	34 - 52	sand		10YR 5/4	yellowish brown	subsoil
68	0 - 12	loamy sand	humus	10YR 3/2	very dark grayish brown	
	12 - 47	sand		10YR 4/4	dark yellowish brown	
	47 - 61	sand		10YR 5/6	yellowish brown	subsoil
69	0 - 6	sand	fill	10YR 4/6	dark yellowish brown	
	6 - 8	sand	duff	10YR 2/1	black	
	8 - 25	sand		10YR 3/6	dark yellowish brown	
	25 - 45	sand		10YR 4/6	dark yellowish brown	subsoil
70	0 - 10	silty humus		10YR 3/2	very dark grayish brown	
	10 - 50	fine silty sand		10YR 4/4	dark yellowish brown	
	50 - 60	fine silty sand		10YR 5/6	yellowish brown	subsoil
71	0 - 15	sandy humus		10YR 2/1	black	
	15 - 34	sand		10YR 4/3	brown	
	34 - 49	sand		10YR 5/4	yellowish brown	subsoil
72	0 - 18	loamy sand		10YR 3/2	very dark grayish brown	
	18 - 48	sand		10YR 5/6	yellowish brown	subsoil
73	0 - 9	sand		10YR 2/2	very dark brown	
	9 - 32	sand		10YR 3/6	dark yellowish brown	
	32 - 45	sand		10YR 4/6	dark yellowish brown	subsoil
74	0 - 12	sandy humus		10YR 2/1	black	
	12 - 32	sand		10YR 4/3	brown	
	32 - 37	sand		10YR 3/3	dark brown	
	37 - 52	sand		10YR 5/6	yellowish brown	subsoil
75	0 - 33	fine sandy loam		10YR 2/1	black	
	33 - 52	fine silty sand		10YR 5/6	yellowish brown	subsoil
76	0 - 20	sandy loam	humus	10YR 2/1	black	
	20 - 42	silty sand		10YR 3/4	dark yellowish brown	roots
77	0 - 44	sand	gravel	10YR 2/1	black	
	44 - 58	sand		10YR 4/3	brown	subsoil

**Phase IB Archeological Reconnaissance Survey Interchanges 23 and 24 Reconstruction
Shovel Test Records**

	<u>Depth (cm)</u>	<u>Soil Type</u>	<u>Soil Inclusions</u>	<u>Munsell Color</u>		<u>Termination Reason</u>
78	0 - 11	loamy sand	humus	10YR 3/2	very dark grayish brown	
	11 - 51	sand		10YR 3/4	dark yellowish brown	
	51 - 64	sand		10YR 5/6	yellowish brown	subsoil
79	0 - 8	silty humus		10YR 3/2	very dark grayish brown	
	8 - 25	fine silty sand		10YR 4/3	brown	
	25 - 51	fine silty sand		10YR 5/6	yellowish brown	subsoil
80	0 - 5	sand		10YR 2/2	very dark brown	
	5 - 37	sand		10YR 3/6	dark yellowish brown	
	37 - 50	sand		10YR 4/6	dark yellowish brown	subsoil
81	0 - 12	sandy humus		10YR 2/1	black	
	12 - 37	sand		10YR 4/3	brown	
	37 - 62	sand		10YR 5/6	yellowish brown	subsoil
82	0 - 17	loamy sand		10YR 3/2	very dark grayish brown	
	17 - 49	sand		10YR 4/4	dark yellowish brown	
	49 - 60	sand		10YR 6/6	brownish yellow	subsoil
83	0 - 31	loamy humus	charred wood	2.5Y 2.5/1	black	
	31 - 56	fine silty sand		2.5Y 6/4	light yellowish brown	subsoil
84	0 - 26	loamy sand		10YR 3/2	very dark grayish brown	
	26 - 49	sand		10YR 5/6	yellowish brown	subsoil
85	0 - 14	sand		10YR 2/2	very dark brown	
	14 - 38	sand		10YR 3/4	dark yellowish brown	
	38 - 55	sand		10YR 2/2	very dark brown	
	55 - 70	sand	ash/cinders	10YR 6/3	pale brown	subsoil
86	0 - 6	silty humus		10YR 3/2	very dark grayish brown	
	6 - 17	fine silty sand		2.5Y 4/4	olive brown	
	17 - 73	fine silty sand		10YR 5/6	yellowish brown	subsoil
87	0 - 12	sandy humus		10YR 2/1	black	
	12 - 27	sand		10YR 4/3	brown	
	27 - 34	sand		10YR 3/3	dark brown	
	34 - 62	sand		10YR 5/4	yellowish brown	subsoil
88	0 - 6	loamy sand		10YR 2/1	black	
	6 - 14	sand		10YR 3/4	dark yellowish brown	
	14 - 60	sand		10YR 5/6	yellowish brown	subsoil
89	0 - 27	loamy sand		10YR 3/2	very dark grayish brown	
		loamy sand		10YR 4/3	brown	
	27 - 45	fine silty sand		10YR 3/3	dark brown	
	45 - 62	fine silty sand		10YR 5/6	yellowish brown	subsoil
90	0 - 7	sand		10YR 2/2	very dark brown	
	7 - 38	sand		10YR 3/6	dark yellowish brown	
	38 - 52	sand		10YR 4/6	dark yellowish brown	subsoil

**Phase IB Archeological Reconnaissance Survey Interchanges 23 and 24 Reconstruction
Shovel Test Records**

	<u>Depth (cm)</u>	<u>Soil Type</u>	<u>Soil Inclusions</u>	<u>Munsell Color</u>		<u>Termination Reason</u>
91	0 - 17	sandy humus		10YR 2/1	black	
	17 - 30	sand		10YR 4/3	brown	
	30 - 43	sand		10YR 3/3	dark brown	
	43 - 60	sand		10YR 5/6	yellowish brown	subsoil
92	0 - 5	sandy humus		10YR 3/2	very dark grayish brown	
	5 - 47	fine silty sand		10YR 4/4	dark yellowish brown	
	47 - 62	fine silty sand		10YR 6/6	brownish yellow	subsoil
93	0 - 7	loamy sand		10YR 2/2	very dark brown	
	7 - 42	sand		10YR 3/4	dark yellowish brown	
	42 - 68	sand		10YR 5/4	yellowish brown	subsoil
94	0 - 9	sand		10YR 2/2	very dark brown	
	9 - 33	sand		10YR 3/6	dark yellowish brown	
	33 - 50	sand		10YR 4/6	dark yellowish brown	subsoil
95	0 - 12	sandy humus		10YR 2/1	black	
	12 - 32	sand		10YR 4/3	brown	
	32 - 52	sand		10YR 5/4	yellowish brown	subsoil
96	0 - 10	fine silty sand		10YR 4/3	brown	
	10 - 50	fine silty sand		10YR 6/6	brownish yellow	subsoil
97	0 - 17	sand	fill	10YR 3/3	dark brown	
	17 - 68	sand		10YR 5/6	yellowish brown	subsoil
98	0 - 24	sand		10YR 2/1	black	
	24 - 30	sand	charcoal	10YR 4/6	dark yellowish brown	
	30 - 55	compact sand		10YR 6/3	pale brown	subsoil
99	0 - 12	sandy humus		10YR 2/1	black	
	12 - 36	sand		10YR 6/3	pale brown	
	36 - 40	compact sand		10YR 6/8	brownish yellow	compact soil/gravel
100	0 - 7	sandy humus		10YR 3/2	very dark grayish brown	
	7 - 31	sandy silt		10YR 3/1	very dark gray	
	31 - 50	fine silty sand		10YR 6/2	light brownish gray	subsoil
101	0 - 10	loamy sand	humus	10YR 3/2	very dark grayish brown	
	10 - 34	sand		10YR 4/1	dark gray	
	34 - 50	sand		10YR 3/6	dark yellowish brown	
	50 - 62	compact sand		10YR 6/3	pale brown	subsoil
102	0 - 10	sandy humus		10YR 2/1	black	
	10 - 24	sand		10YR 3/2	very dark grayish brown	
	24 - 54	sand		10YR 5/6	yellowish brown	subsoil
103	0 - 36	sand	coal and coal ash	10YR 2/1	black	
	36 - 60	sand		10YR 5/3	brown	subsoil

**Phase IB Archeological Reconnaissance Survey Interchanges 23 and 24 Reconstruction
Shovel Test Records**

	<u>Depth (cm)</u>	<u>Soil Type</u>	<u>Soil Inclusions</u>	<u>Munsell Color</u>		<u>Termination Reason</u>
104	0 - 9	sandy humus		10YR 3/2	very dark grayish brown	
	9 - 25	fine silty sand		10YR 4/3	brown	
	25 - 34	fine silty sand		10YR 7/2	light gray	
	34 - 61	fine silty sand		10YR 5/6	yellowish brown	subsoil
105	0 - 40	sand	coal	10YR 2/1	black	
	40 - 45	sand		10YR 3/2	very dark grayish brown	
	45 - 60	sand		10YR 2/1	black	subsoil
106	0 - 21	silty sand		10YR 2/1	black	
	21 - 38	silty sand		10YR 6/3	pale brown	subsoil
107	0 - 40	loamy sand	humus	10YR 3/2	very dark grayish brown	
	40 - 65	fine sand		10YR 6/3	pale brown	subsoil
108	0 - 22	sandy loam		10YR 2/1	black	
	22 - 36	silty sand		10YR 4/2	dark grayish brown	
	36 - 64	sandy loam	silty sand	10YR 6/3	pale brown	subsoil
		sandy loam	silty sand	10YR 4/2	dark grayish brown	subsoil
109	0 - 33	sand		10YR 2/1	black	
	33 - 45	sand		10YR 5/3	brown	subsoil
110	0 - 25	sandy loam		10YR 3/1	very dark gray	
	25 - 34	sand		10YR 3/2	very dark grayish brown	
		sand		10YR 6/3	pale brown	
	34 - 56	loamy sand		10YR 3/2	very dark grayish brown	subsoil
111	0 - 17	silty sand		10YR 3/2	very dark grayish brown	
	17 - 21	silty sand		10YR 6/3	pale brown	
	21 - 52	silty sand		10YR 2/1	black	
	52 - 67	sand		10YR 6/3	pale brown	disturbed
		sand		10YR 2/1	black	disturbed
112	0 - 54	sandy loam		10YR 3/2	very dark grayish brown	
	54 - 60	fine silty sand		10YR 5/2	grayish brown	subsoil
113	0 - 12	sand		10YR 2/2	very dark brown	
	12 - 28	sand		10YR 3/4	dark yellowish brown	
	28 - 50	sand		10YR 4/6	dark yellowish brown	subsoil
114	0 - 9	loamy sand	humus	10YR 3/2	very dark grayish brown	
	9 - 28	sand		10YR 3/4	dark yellowish brown	
	28 - 72	sand		10YR 6/6	brownish yellow	subsoil
115	0 - 8	sandy loam		10YR 3/2	very dark grayish brown	
	8 - 28	fine sandy silt		10YR 4/3	brown	
	28 - 54	fine silty sand		10YR 5/6	yellowish brown	subsoil
116	0 - 17	sand		10YR 2/1	black	
	17 - 35	sand		10YR 4/3	brown	
	35 - 47	sand		10YR 5/6	yellowish brown	subsoil

**Phase IB Archeological Reconnaissance Survey Interchanges 23 and 24 Reconstruction
Shovel Test Records**

	<u>Depth (cm)</u>	<u>Soil Type</u>	<u>Soil Inclusions</u>	<u>Munsell Color</u>		<u>Termination Reason</u>
117	0 - 7	silty loam		10YR 3/2	very dark grayish brown	
	7 - 37	fine silty sand		10YR 4/4	dark yellowish brown	
	37 - 51	fine silty sand		10YR 5/6	yellowish brown	subsoil
118	0 - 22	sand		10YR 3/4	dark yellowish brown	
	22 - 65	sand		10YR 6/6	brownish yellow	subsoil
119	0 - 8	silty loam		10YR 3/2	very dark grayish brown	
	8 - 26	fine silty sand		10YR 5/6	yellowish brown	
	26 - 45	silty loam		10YR 3/2	very dark grayish brown	
	45 - 55	fine silty sand		10YR 5/6	yellowish brown	subsoil
120	0 - 18	sand	gravel	10YR 2/2	very dark brown	
	18 - 50	sand	gravel	10YR 4/6	dark yellowish brown	subsoil
121	0 - 8	silt	fill	10YR 2/2	very dark brown	
	8 - 22	sandy silt	fill	10YR 4/3	brown	
	22 - 48	silt		10YR 4/6	dark yellowish brown	disturbed
		silt		10YR 4/3	brown	disturbed
		silt		10YR 6/3	pale brown	disturbed
122	0 - 8	loamy sand	humus	10YR 3/2	very dark grayish brown	
	8 - 32	sand		10YR 4/4	dark yellowish brown	
	32 - 60	sand		10YR 6/6	brownish yellow	subsoil
123	0 - 25	loamy silt		10YR 3/2	very dark grayish brown	
	25 - 40	sand		10YR 4/3	brown	
	40 - 50	sand		10YR 5/6	yellowish brown	subsoil
124	0 - 14	sand		10YR 2/2	very dark brown	
	14 - 50	sand		10YR 4/6	dark yellowish brown	subsoil
125	0 - 55	fine silty sand		10YR 4/2	dark grayish brown	
	55 - 71	fine silty sand		10YR 5/6	yellowish brown	disturbed
		fine silty sand		2.5Y 6/2	light brownish gray	disturbed
126	0 - 46	sand		10YR 2/2	very dark brown	
	46 - 60	sand		10YR 6/3	pale brown	subsoil
127	0 - 13	loamy silt		10YR 3/3	dark brown	
	13 - 24	sand		10YR 5/3	brown	
	24 - 40	sand		10YR 4/3	brown	
	40 - 50	sand		10YR 5/6	yellowish brown	subsoil
128	0 - 20	loamy sand	humus	10YR 3/3	dark brown	
	20 - 60	sand		10YR 5/6	yellowish brown	subsoil
129	0 - 23	sandy loam		10YR 4/3	brown	
	23 - 51	fine silty sand		10YR 5/6	yellowish brown	subsoil
130	0 - 19	sand	coal	10YR 2/2	very dark brown	
	19 - 45	sand	coal	10YR 4/6	dark yellowish brown	
	45 - 60	sand		10YR 5/6	yellowish brown	subsoil
		sand		10YR 4/6	dark yellowish brown	subsoil

**Phase IB Archeological Reconnaissance Survey Interchanges 23 and 24 Reconstruction
Shovel Test Records**

	<u>Depth (cm)</u>	<u>Soil Type</u>	<u>Soil Inclusions</u>	<u>Munsell Color</u>		<u>Termination Reason</u>
131	0 - 22	sandy silt		10YR 2/2	very dark brown	
	22 - 50	sandy silt		10YR 4/6	dark yellowish brown	
	50 - 62	sandy silt		10YR 5/8	yellowish brown	subsoil
132	0 - 38	loamy sand	humus	10YR 3/3	dark brown	
	38 - 56	sand		10YR 6/6	brownish yellow	subsoil
133	0 - 15	loamy silt		10YR 3/3	dark brown	
	15 - 30	sand		10YR 4/6	dark yellowish brown	
	30 - 40	sand		10YR 4/3	brown	
	40 - 50	sand		10YR 5/4	yellowish brown	subsoil
134	0 - 60	sandy loam		10YR 3/1	very dark gray	
	60 - 70	fine silty sand		2.5Y 6/2	light brownish gray	subsoil
135	0 - 34	loamy silty sand		10YR 2/2	very dark brown	
	34 - 51	sand		10YR 7/3	very pale brown	subsoil
136	0 - 38	silty sand	cobbles	10YR 3/3	dark brown	
	38 - 55	sand		10YR 5/6	yellowish brown	subsoil
137	0 - 30	silt	pebbles and rock	10YR 3/3	dark brown	
	30 - 40	sand		10YR 4/6	dark yellowish brown	
	40 - 50	sand		10YR 6/8	brownish yellow	subsoil
138	0 - 16	silty loam		10YR 4/2	dark grayish brown	
	16 - 43	fine silty sand		10YR 5/4	yellowish brown	subsoil
139	0 - 14	sand	coal	10YR 3/3	dark brown	
	14 - 33	sand	gravel	10YR 4/6	dark yellowish brown	
	33 - 55	compact sand	gravel and cobbles	10YR 3/3	dark brown	subsoil
140	0 - 26	fine silty sand		10YR 4/3	brown	
	26 - 43	sandy loam		10YR 2/1	black	
	43 - 67	fine silty sand		10YR 5/6	yellowish brown	subsoil
141	0 - 26	loamy silt	roots	10YR 2/1	black	
	26 - 35	sand	roots	10YR 5/6	yellowish brown	subsoil
142	0 - 24	loamy silt		10YR 2/1	black	
	24 - 31	silty sand		10YR 7/3	very pale brown	
	31 - 46	sand		10YR 3/3	dark brown	subsoil
143	0 - 13	silty humus		10YR 2/1	black	
	13 - 18	silt		10YR 5/1	gray	
	18 - 23	silt		7.5YR 4/6	strong brown	
	23 - 33	silt		10YR 5/8	yellowish brown	subsoil
144	0 - 30	loamy silt		10YR 2/1	black	
	30 - 42	sand		10YR 5/6	yellowish brown	subsoil
145	0 - 23	sand		10YR 2/2	very dark brown	
	23 - 50	sand		10YR 5/6	yellowish brown	subsoil
146	0 - 30	loamy silty sand		10YR 2/2	very dark brown	
	30 - 56	sand		10YR 5/6	yellowish brown	subsoil

**Phase IB Archeological Reconnaissance Survey Interchanges 23 and 24 Reconstruction
Shovel Test Records**

	Depth (cm)	Soil Type	Soil Inclusions	Munsell Color		Termination Reason
147	0 - 12	sandy loam		10YR 3/2	very dark grayish brown	
	12 - 26	fine silty sand		10YR 4/3	brown	
	26 - 53	fine silty sand		10YR 5/6	yellowish brown	subsoil
148	0 - 20	loamy silt		10YR 2/1	black	
	20 - 50	sand		10YR 5/6	yellowish brown	subsoil
149	0 - 10	sandy humus		10YR 2/2	very dark brown	
	10 - 22	silty sand		10YR 4/4	dark yellowish brown	
	22 - 44	silty sand		10YR 5/6	yellowish brown	subsoil
150	0 - 12	loamy sand		10YR 3/2	very dark grayish brown	
	12 - 40	sand		10YR 4/4	dark yellowish brown	
	40 - 62	sand		10YR 6/6	brownish yellow	subsoil
151	0 - 22	sand	coal	10YR 2/2	very dark brown	
	22 - 43	sand	coal	10YR 4/6	dark yellowish brown	
	43 - 55	sand		10YR 5/6	yellowish brown	subsoil
152	0 - 6	sandy humus		10YR 3/2	very dark grayish brown	
	6 - 30	fine silty sand		10YR 4/4	dark yellowish brown	
	30 - 48	fine silty sand		10YR 5/6	yellowish brown	subsoil
153	0 - 50	silt		10YR 5/2	grayish brown	
	50 - 60	sand		10YR 5/6	yellowish brown	subsoil
154	0 - 22	silty sand		10YR 4/3	brown	
	22 - 37	silty sand		10YR 4/3	brown	
		silty sand		10YR 5/6	yellowish brown	
	37 - 57	silty sand		10YR 2/1	black	
	57 - 77	sand		10YR 6/3	pale brown	subsoil
155	0 - 30	silty sand		10YR 3/3	dark brown	
	30 - 58	sand		10YR 5/6	yellowish brown	subsoil
156	0 - 20	silty sand		10YR 3/2	very dark grayish brown	
	20 - 25	fine silty sand		10YR 5/6	yellowish brown	
	25 - 50	fine sandy silt		10YR 3/2	very dark grayish brown	
	50 - 70	fine silty sand		2.5Y 6/4	light yellowish brown	subsoil
157	0 - 48	sand		10YR 2/2	very dark brown	
	48 - 70	sand		10YR 5/6	yellowish brown	subsoil
158	0 - 50	silt		10YR 3/3	dark brown	
	50 - 63	sand		10YR 6/6	brownish yellow	subsoil
159	0 - 40	silty sand		10YR 4/3	brown	
	40 - 76	sand		10YR 5/6	yellowish brown	subsoil
160	0 - 34	silty sand		10YR 3/2	very dark grayish brown	
	34 - 53	silty sand		10YR 4/4	dark yellowish brown	
	53 - 84	silty sand		10YR 5/6	yellowish brown	subsoil
161	0 - 60	sand	coal	10YR 4/4	dark yellowish brown	
	60 - 75	sand		10YR 4/6	dark yellowish brown	subsoil

**Phase IB Archeological Reconnaissance Survey Interchanges 23 and 24 Reconstruction
Shovel Test Records**

	Depth (cm)	Soil Type	Soil Inclusions	Munsell Color		Termination Reason
162	0 - 20	silty loam		10YR 4/3	brown	
	20 - 24	fine silty sand		10YR 3/2	very dark grayish brown	
	24 - 50	fine silty sand		10YR 5/6	yellowish brown	subsoil
163	0 - 20	sand		10YR 3/3	dark brown	
	20 - 39	sand		10YR 4/3	brown	
	39 - 76	sand		10YR 6/6	brownish yellow	subsoil
164	0 - 20	fine silty sand		10YR 4/3	brown	
	20 - 36	fine silty sand		10YR 3/2	very dark grayish brown	
		fine silty sand		10YR 4/4	dark yellowish brown	
	36 - 50	fine silty sand		10YR 4/3	brown	
	50 - 61	fine silty sand		10YR 5/6	yellowish brown	subsoil
165	0 - 26	sand		10YR 4/3	brown	
	26 - 42	sand		10YR 5/6	yellowish brown	
	42 - 60	sand		10YR 6/6	brownish yellow	subsoil
166	0 - 14	sand		10YR 3/4	dark yellowish brown	
	14 - 26	sand		10YR 4/6	dark yellowish brown	
	26 - 30	sand		10YR 2/2	very dark brown	
	30 - 50	sand		10YR 5/6	yellowish brown	subsoil
167	0 - 18	sandy loam	roots	10YR 3/3	dark brown	
	18 - 43	sand		10YR 4/4	dark yellowish brown	
	43 - 49	silty sand	roots	10YR 2/1	black	
	49 - 70	sand		10YR 5/4	yellowish brown	subsoil
168	0 - 70	sand		10YR 4/3	brown	
		sand		10YR 5/6	yellowish brown	
	70 - 80	sand		10YR 5/6	yellowish brown	roots
169	0 - 33	sand		10YR 4/4	dark yellowish brown	
	33 - 44	sand	charcoal	10YR 2/2	very dark brown	
	44 - 58	sand		10YR 5/6	yellowish brown	subsoil
170	0 - 39	fine silty sand		10YR 4/3	brown	
	39 - 47	fine silty sand		10YR 3/2	very dark grayish brown	
		fine silty sand		10YR 3/3	dark brown	
	47 - 57	fine silty sand		10YR 5/6	yellowish brown	subsoil
171	0 - 20	silt		10YR 4/3	brown	
	20 - 33	sandy silt		10YR 6/6	brownish yellow	roots and water
172	0 - 4	sandy silty loam		10YR 2/2	very dark brown	
	4 - 20	silty sand		10YR 4/4	dark yellowish brown	
	20 - 32	sand		10YR 6/4	light yellowish brown	subsoil
173	0 - 16	clay		10YR 3/3	dark brown	
	16 - 45	clay		7.5YR 4/6	strong brown	subsoil
174	0 - 36	fine silty sand		10YR 4/2	dark grayish brown	
	36 - 56	fine silty sand		10YR 5/4	yellowish brown	subsoil

**Phase IB Archeological Reconnaissance Survey Interchanges 23 and 24 Reconstruction
Shovel Test Records**

	<u>Depth (cm)</u>	<u>Soil Type</u>	<u>Soil Inclusions</u>	<u>Munsell Color</u>		<u>Termination Reason</u>
175	0 - 4	silty sandy loam	roots	10YR 2/2	very dark brown	
	4 - 29	sandy silt	roots	10YR 4/3	brown	
	29 - 39	silty sand	roots	10YR 5/4	yellowish brown	subsoil
176	0 - 12	sand		10YR 3/3	dark brown	
	12 - 48	sand		10YR 6/3	pale brown	subsoil
177	0 - 20	fine silty sand		10YR 4/3	brown	
	20 - 50	fine silty sand		10YR 5/6	yellowish brown	subsoil
178	0 - 18	sandy silt		10YR 2/2	very dark brown	
	18 - 36	sandy silt		10YR 4/3	brown	
	36 - 48	compact sandy silt		10YR 6/3	pale brown	subsoil
		compact sandy silt		10YR 5/6	yellowish brown	subsoil
179	0 - 35	fine sand		10YR 4/2	dark grayish brown	
	35 - 53	fine sand		10YR 6/6	brownish yellow	subsoil
180	0 - 44	sandy silt		10YR 3/3	dark brown	
	44 - 60	sandy silt		10YR 4/6	dark yellowish brown	subsoil
181	0 - 23	sand	gravel	10YR 3/3	dark brown	
	23 - 50	sand	gravel	10YR 4/3	brown	subsoil
182	0 - 16	loamy silty sand		10YR 3/3	dark brown	
	16 - 32	sandy silt		10YR 4/4	dark yellowish brown	
	32 - 48	silty sand		10YR 4/2	dark grayish brown	
	48 - 60	sand		10YR 5/8	yellowish brown	subsoil
183	0 - 13	silty loam		10YR 4/2	dark grayish brown	
	13 - 44	fine silty sand		10YR 4/6	dark yellowish brown	
		fine silty sand		10YR 4/2	dark grayish brown	
	44 - 57	fine silty sand		10YR 5/6	yellowish brown	subsoil
184	0 - 23	sand		10YR 4/2	dark grayish brown	
	23 - 36	sand		10YR 4/2	dark grayish brown	
		sand		10YR 5/4	yellowish brown	
	36 - 54	sand		10YR 6/6	brownish yellow	subsoil
185	0 - 47	sandy silt		10YR 2/2	very dark brown	
	47 - 70	sandy silt		10YR 4/3	brown	
	70 - 90	sandy silt		10YR 5/6	yellowish brown	subsoil
186	0 - 3	sandy silty loam		10YR 2/2	very dark brown	
	3 - 33	silty sand		10YR 4/3	brown	
	33 - 48	sand		10YR 5/6	yellowish brown	subsoil
187	0 - 35	sand	coal	10YR 3/3	dark brown	
	35 - 55	sand	coal	10YR 4/6	dark yellowish brown	subsoil

**Phase IB Archeological Reconnaissance Survey Interchanges 23 and 24 Reconstruction
Shovel Test Records**

	<u>Depth (cm)</u>	<u>Soil Type</u>	<u>Soil Inclusions</u>	<u>Munsell Color</u>		<u>Termination Reason</u>
188	0 - 19	silty loam		10YR 4/2	dark grayish brown	
	19 - 38	fine silty sand		10YR 4/2	dark grayish brown	
		fine silty sand		10YR 5/6	yellowish brown	
	38 - 48	fine silty sand		10YR 6/6	brownish yellow	subsoil
189	0 - 11	fine sand		10YR 4/2	dark grayish brown	
	11 - 35	fine sand		10YR 5/4	yellowish brown	
	35 - 52	fine sand		10YR 6/6	brownish yellow	subsoil
190	0 - 6	sandy silty loam		10YR 2/2	very dark brown	
	6 - 22	loamy silty sand		2.5Y 4/2	dark grayish brown	
	22 - 34	compact silty sand		2.5Y 4/4	olive brown	
	34 - 50	sand		10YR 6/6	brownish yellow	subsoil
191	0 - 8	silty loam		10YR 3/2	very dark grayish brown	
	8 - 39	fine silty sand		10YR 4/2	dark grayish brown	
	39 - 62	fine silty sand		10YR 5/6	yellowish brown	subsoil
192	0 - 37	sandy silt		10YR 2/2	very dark brown	
	37 - 53	sandy silt		10YR 4/3	brown	
	53 - 67	sandy silt		10YR 5/6	yellowish brown	subsoil
193	0 - 24	clay		10YR 4/3	brown	
	24 - 42	clay		10YR 4/4	dark yellowish brown	water
194	0 - 22	silty loam		10YR 4/2	dark grayish brown	
	22 - 42	clayey silt		10YR 6/6	brownish yellow	subsoil
195	0 - 25	clayey silt		10YR 5/3	brown	
	25 - 36	sandy silty clay		10YR 5/6	yellowish brown	water
196	0 - 29	silt		10YR 4/4	dark yellowish brown	water
197	0 - 26	clayey silt		10YR 4/3	brown	water
		clayey silt		10YR 4/6	dark yellowish brown	water
198	0 - 18	clay		10YR 4/3	brown	
	18 - 35	clay		10YR 4/4	dark yellowish brown	water
199	0 - 14	clayey silt		10YR 4/3	brown	
	14 - 27	silty clay		10YR 5/4	yellowish brown	subsoil/water
200	0 - 58	clayey silt		10YR 4/2	dark grayish brown	
	58 - 63	clay		10YR 5/4	yellowish brown	water
201	0 - 27	clayey silt		10YR 5/3	brown	
	27 - 53	silty clay		10YR 5/6	yellowish brown	subsoil/water
202	0 - 10	clayey silt		10YR 3/2	very dark grayish brown	
	10 - 27	clayey silt		10YR 4/3	brown	
	27 - 42	clayey silt		10YR 5/4	yellowish brown	subsoil
203	0 - 13	clay		10YR 4/3	brown	
	13 - 40	clay		10YR 4/4	dark yellowish brown	subsoil
204	0 - 19	sandy silt		10YR 3/3	dark brown	
	19 - 40	sandy silt		10YR 4/6	dark yellowish brown	subsoil

**Phase IB Archeological Reconnaissance Survey Interchanges 23 and 24 Reconstruction
Shovel Test Records**

	<u>Depth (cm)</u>	<u>Soil Type</u>	<u>Soil Inclusions</u>	<u>Munsell Color</u>		<u>Termination Reason</u>
205	0 - 33	clayey silt		10YR 4/3	brown	
	33 - 48	fine silty sand		10YR 5/6	yellowish brown	subsoil
206	0 - 30	clayey silt		10YR 5/3	brown	
	30 - 45	sandy clay		10YR 5/6	yellowish brown	water
207	0 - 18	clayey silt		10YR 4/4	dark yellowish brown	
	18 - 30	silty clay		10YR 5/6	yellowish brown	subsoil
208	0 - 10	clayey loam		10YR 4/3	brown	
	10 - 43	clayey sand		2.5Y 6/4	light yellowish brown	subsoil
209	0 - 45	sandy silt		10YR 3/3	dark brown	water
210	0 - 27	clayey silt		10YR 3/2	very dark grayish brown	
	27 - 32	sandy clay		10YR 5/6	yellowish brown	water
211	0 - 30	clayey silt		2.5Y 3/2	very dark grayish brown	
	30 - 40	clayey silt		2.5Y 5/4	light olive brown	subsoil
212	0 - 24	silt		10YR 4/4	dark yellowish brown	
	24 - 34	clay		10YR 6/4	light yellowish brown	subsoil
213	0 - 26	clayey silt		10YR 4/2	dark grayish brown	
	26 - 54	compact clayey silty sand		10YR 3/2	very dark grayish brown	
		compact clayey silty sand		10YR 4/6	dark yellowish brown	
	54 - 64	compact sandy clay		10YR 6/6	brownish yellow	subsoil
214	0 - 41	clayey silt		10YR 4/3	brown	
	41 - 53	clay		10YR 6/6	brownish yellow	subsoil/water
215	0 - 45	clayey silt		10YR 3/2	very dark grayish brown	water
216	0 - 41	sandy silt		10YR 2/2	very dark brown	
	41 - 52	sandy clay		10YR 3/2	very dark grayish brown	subsoil
		sandy clay		10YR 2/2	very dark brown	subsoil
217	0 - 40	clayey silt		10YR 3/3	dark brown	water
218	0 - 24	clayey silt		10YR 4/2	dark grayish brown	
	24 - 42	clay		2.5Y 6/4	light yellowish brown	subsoil/water
219	0 - 26	silty sand		10YR 4/2	dark grayish brown	
	26 - 38	silty sandy clay		10YR 5/6	yellowish brown	water
220	0 - 27	sandy silt		10YR 2/2	very dark brown	
	27 - 42	sandy silt		10YR 4/6	dark yellowish brown	water
221	0 - 37	clayey silt		10YR 3/3	dark brown	
	37 - 48	silty clayey sand		10YR 4/6	dark yellowish brown	subsoil
222	0 - 31	silt		10YR 4/2	dark grayish brown	
	31 - 45	fine silty sand		10YR 5/6	yellowish brown	subsoil
223	0 - 32	clayey silt		10YR 3/2	very dark grayish brown	water
224	0 - 30	clayey silt		10YR 4/2	dark grayish brown	
	30 - 43	fine clayey sand		10YR 5/6	yellowish brown	water

**Phase IB Archeological Reconnaissance Survey Interchanges 23 and 24 Reconstruction
Shovel Test Records**

	<u>Depth (cm)</u>	<u>Soil Type</u>	<u>Soil Inclusions</u>	<u>Munsell Color</u>		<u>Termination Reason</u>
225	0 - 28	sandy silt		10YR 2/2	very dark brown	
	28 - 41	sandy silt		10YR 6/6	brownish yellow	subsoil
226	0 - 37	clayey sand		2.5Y 4/2	dark grayish brown	
	37 - 47	fine silty sand		2.5Y 6/4	light yellowish brown	subsoil
227	0 - 40	silt		10YR 4/2	dark grayish brown	
	40 - 51	clayey sandy silt		10YR 5/4	yellowish brown	subsoil
228	0 - 33	fine silty sand		10YR 4/2	dark grayish brown	
	33 - 51	fine silty sand		10YR 5/6	yellowish brown	subsoil/water
229	0 - 34	sandy silt		10YR 3/3	dark brown	
	34 - 45	sandy silt		10YR 4/6	dark yellowish brown	subsoil
230	0 - 36	fine silty sand		10YR 4/2	dark grayish brown	
	36 - 53	fine silty sand		2.5Y 5/4	light olive brown	subsoil
231	0 - 37	silt		10YR 3/3	dark brown	
	37 - 49	silty sand	clay	10YR 5/4	yellowish brown	subsoil
232	0 - 26	clayey silt		10YR 3/2	very dark grayish brown	
	26 - 38	clayey silt		2.5Y 5/4	light olive brown	water
233	0 - 13	clay		2.5Y 4/2	dark grayish brown	
	13 - 40	clay		2.5Y 5/6	light olive brown	subsoil
234	0 - 29	clayey silt		10YR 4/2	dark grayish brown	
	29 - 39	clay		10YR 4/4	dark yellowish brown	subsoil
235	0 - 12	clay		10YR 3/3	dark brown	
	12 - 40	clay		10YR 3/4	dark yellowish brown	subsoil
236	0 - 20	loam		10YR 5/2	grayish brown	
	20 - 48	clay		7.5YR 5/3	brown	subsoil
237	0 - 8	clay		2.5Y 5/2	grayish brown	
	8 - 47	clay		10YR 5/3	brown	subsoil
238	0 - 14	clay		10YR 4/3	brown	
	14 - 35	clay		10YR 4/4	dark yellowish brown	subsoil
239	0 - 28	sandy clay		10YR 3/3	dark brown	
	28 - 36	sandy clay		10YR 4/4	dark yellowish brown	subsoil
240	0 - 30	clayey silt		10YR 4/2	dark grayish brown	
	30 - 50	fine silty sand		10YR 6/6	brownish yellow	subsoil
241	0 - 40	loamy clayey silt		10YR 4/3	brown	
	40 - 52	clay		10YR 5/4	yellowish brown	subsoil
242	0 - 25	clayey silt		10YR 4/2	dark grayish brown	
	25 - 40	clay		10YR 5/4	yellowish brown	subsoil/water
243	0 - 56	loamy silt		10YR 4/2	dark grayish brown	water
244	0 - 10	clayey silt		10YR 4/2	dark grayish brown	
	10 - 47	clay		10YR 5/4	yellowish brown	subsoil

**Phase IB Archeological Reconnaissance Survey Interchanges 23 and 24 Reconstruction
Shovel Test Records**

	<u>Depth (cm)</u>	<u>Soil Type</u>	<u>Soil Inclusions</u>	<u>Munsell Color</u>		<u>Termination Reason</u>
245	0 - 26	silty clay	coal	10YR 3/3	dark brown	
	26 - 35	silty sand		10YR 4/4	dark yellowish brown	water
246	0 - 14	clay		10YR 3/2	very dark grayish brown	
	14 - 24	clay		10YR 4/6	dark yellowish brown	subsoil
247	0 - 12	silty sand		10YR 4/2	dark grayish brown	
	12 - 20	clay		10YR 4/4	dark yellowish brown	
	20 - 30	clay		10YR 4/6	dark yellowish brown	subsoil
248	0 - 13	clay		10YR 3/2	very dark grayish brown	
	13 - 21	clay		2.5Y 5/6	light olive brown	
249	0 - 11	clayey silt		10YR 5/2	grayish brown	
	11 - 34	loamy clay		7.5YR 5/3	brown	subsoil/water
251	0 - 10	clayey silt		2.5Y 4/2	dark grayish brown	
	10 - 42	clay		2.5Y 5/3	light olive brown	subsoil
252	0 - 28	clay	coal	10YR 3/3	dark brown	
	28 - 38	clay		10YR 4/4	dark yellowish brown	water
253	0 - 23	clay		10YR 2/2	very dark brown	
	23 - 35	clay		10YR 4/6	dark yellowish brown	water
254	0 - 17	clayey silt		10YR 4/2	dark grayish brown	water
255	0 - 12	clayey loam		2.5Y 4/2	dark grayish brown	
	12 - 40	clayey silt		10YR 5/6	yellowish brown	subsoil
256	0 - 6	sandy silty loam		10YR 2/2	very dark brown	
	6 - 22	clayey sandy silt		2.5Y 4/4	olive brown	
	22 - 38	sandy clay		2.5Y 5/6	light olive brown	subsoil
257	0 - 16	sandy silt		10YR 4/3	brown	
	16 - 30	sand		10YR 4/6	dark yellowish brown	subsoil
258	0 - 8	fine silty sand		10YR 3/2	very dark grayish brown	
	8 - 24	fine silty sand		10YR 5/4	yellowish brown	
	24 - 45	fine sand		10YR 5/1	gray	subsoil
		fine sand		10YR 4/6	dark yellowish brown	subsoil
259	0 - 9	fine silty sand		10YR 4/2	dark grayish brown	
	9 - 42	fine sand		2.5Y 5/4	light olive brown	water
		fine sand		10YR 5/6	yellowish brown	water
260	0 - 10	sand		10YR 2/2	very dark brown	
	10 - 18	sand		10YR 4/3	brown	
	18 - 29	sand		10YR 3/3	dark brown	subsoil
	29 - 40	sand		10YR 4/4	dark yellowish brown	subsoil
261	0 - 17	sandy silt		10YR 3/3	dark brown	
	17 - 37	sand		10YR 5/4	yellowish brown	subsoil

**Phase IB Archeological Reconnaissance Survey Interchanges 23 and 24 Reconstruction
Shovel Test Records**

	<u>Depth (cm)</u>	<u>Soil Type</u>	<u>Soil Inclusions</u>	<u>Munsell Color</u>		<u>Termination Reason</u>
262	0 - 14	silty sand		10YR 4/3	brown	
	14 - 25	fine silty sand		10YR 6/6	brownish yellow	
		fine silty sand		10YR 6/2	light brownish gray	
	25 - 50	fine silty sand		10YR 5/6	yellowish brown	subsoil
263	0 - 14	sand		10YR 4/3	brown	
	14 - 40	sand	fill	10YR 4/6	dark yellowish brown	disturbed
		sand	fill	10YR 6/1	gray	disturbed
		sand	fill	10YR 5/6	yellowish brown	disturbed
264	0 - 15	silty sand		10YR 3/3	dark brown	
	15 - 41	sand		10YR 5/6	yellowish brown	depth
		sand		10YR 5/4	yellowish brown	depth
265	0 - 26	sand		10YR 3/3	dark brown	
	26 - 42	sand		10YR 4/6	dark yellowish brown	subsoil
266	0 - 17	sandy silt		10YR 4/3	brown	
	17 - 47	fine silty sand		10YR 5/6	yellowish brown	subsoil
267	0 - 9	sand		10YR 4/3	brown	
	9 - 55	sand		10YR 4/6	dark yellowish brown	subsoil
268	0 - 14	sandy loam		10YR 4/3	brown	
	14 - 38	sand		10YR 4/6	dark yellowish brown	subsoil
269	0 - 10	sandy humus		10YR 2/1	black	
	10 - 50	sand		10YR 4/3	brown	
	50 - 65	sand		10YR 5/6	yellowish brown	subsoil
270	0 - 12	sand		10YR 2/2	very dark brown	
	12 - 38	sand		10YR 4/3	brown	
	38 - 80	sand		10YR 5/6	yellowish brown	subsoil
270 North	0 - 11	sand		10YR 4/3	brown	
	11 - 31	sand		10YR 5/4	yellowish brown	
	31 - 57	sand		10YR 5/6	yellowish brown	subsoil
270 South	0 - 16	sand		10YR 4/3	brown	
		sand		10YR 5/6	yellowish brown	
	16 - 50	sand		10YR 5/6	yellowish brown	subsoil
271	0 - 40	sandy silt		10YR 4/3	brown	
	40 - 66	fine silty sand		10YR 5/6	yellowish brown	subsoil
272	0 - 22	silty sand		10YR 4/2	dark grayish brown	
	22 - 31	silty sand		10YR 4/4	dark yellowish brown	
	31 - 70	sandy silt	organics	10YR 3/2	very dark grayish brown	
	70 - 78	sand		10YR 4/4	dark yellowish brown	
	78 - 88	sand		10YR 5/6	yellowish brown	depth

**Phase IB Archeological Reconnaissance Survey Interchanges 23 and 24 Reconstruction
Shovel Test Records**

	Depth (cm)	Soil Type	Soil Inclusions	Munsell Color		Termination Reason
273	0 - 8	sand		10YR 2/2	very dark brown	
	8 - 29	sand		10YR 3/6	dark yellowish brown	
	29 - 50	sand		10YR 4/6	dark yellowish brown	subsoil
274	0 - 13	sand		10YR 2/2	very dark brown	
	13 - 30	sand		10YR 3/6	dark yellowish brown	
	30 - 45	sand		10YR 4/6	dark yellowish brown	subsoil
275	0 - 7	sandy humus		10YR 3/2	very dark grayish brown	
	7 - 47	fine silty sand		10YR 4/3	brown	
	47 - 75	fine silty sand		10YR 5/6	yellowish brown	subsoil
276	0 - 7	sandy humus		10YR 4/3	brown	
	7 - 20	sand		10YR 5/4	yellowish brown	
	20 - 41	sand		10YR 6/6	brownish yellow	subsoil
277	0 - 2	sandy humus		10YR 3/2	very dark grayish brown	
	2 - 27	fine silty sand		10YR 4/3	brown	
	27 - 55	fine silty sand		10YR 5/6	yellowish brown	subsoil
278	0 - 11	sand		10YR 3/6	dark yellowish brown	
	11 - 14	sand		10YR 2/2	very dark brown	
	14 - 30	sand		10YR 3/6	dark yellowish brown	
	30 - 50	sand		10YR 4/6	dark yellowish brown	subsoil
279	0 - 7	silty sandy humus		10YR 2/1	black	
	7 - 24	sand		10YR 4/3	brown	
	24 - 39	sand		10YR 5/6	yellowish brown	subsoil
280	0 - 13	sandy silty loam		10YR 2/2	very dark brown	
	13 - 27	silty sand		10YR 4/4	dark yellowish brown	
	27 - 39	sand		10YR 5/8	yellowish brown	disturbed
281	0 - 28	sand		10YR 4/2	dark grayish brown	
	28 - 47	sand		10YR 6/6	brownish yellow	subsoil/roots
282	0 - 18	sandy humus		10YR 3/2	very dark grayish brown	
	18 - 51	fine silty sand		10YR 5/6	yellowish brown	subsoil
283	0 - 23	sand	fill	10YR 3/6	dark yellowish brown	
	23 - 27	sand		10YR 2/2	very dark brown	
	27 - 34	sand		10YR 3/6	dark yellowish brown	
	34 - 45	sand		10YR 4/6	dark yellowish brown	subsoil
284	0 - 20	silty sand		10YR 4/3	brown	
	20 - 40	silty sand		10YR 4/6	dark yellowish brown	
	40 - 52	silty sand		10YR 5/6	yellowish brown	subsoil
285	0 - 22	fine silty sand		10YR 4/3	brown	
	22 - 39	fine silty sand		10YR 4/6	dark yellowish brown	
	39 - 56	fine silty sand		10YR 5/6	yellowish brown	subsoil

**Phase IB Archeological Reconnaissance Survey Interchanges 23 and 24 Reconstruction
Shovel Test Records**

	<u>Depth (cm)</u>	<u>Soil Type</u>	<u>Soil Inclusions</u>	<u>Munsell Color</u>		<u>Termination Reason</u>
286	0 - 13	sand		10YR 4/2	dark grayish brown	
	13 - 20	sand		10YR 5/6	yellowish brown	
	20 - 47	sand		10YR 3/3	dark brown	
		sand		10YR 2/1	black	
	47 - 67	sand		10YR 5/8	yellowish brown	subsoil
287	0 - 19	sand		10YR 3/3	dark brown	
	19 - 41	sand		10YR 4/6	dark yellowish brown	
	41 - 60	sand		10YR 3/4	dark yellowish brown	
	60 - 70	sand		10YR 5/6	yellowish brown	subsoil
288	0 - 9	sand		10YR 3/3	dark brown	
	9 - 28	sand	charcoal and coal	10YR 3/6	dark yellowish brown	
	28 - 50	sand		10YR 4/6	dark yellowish brown	subsoil
288 North	0 - 15	sand		10YR 4/2	dark grayish brown	
	15 - 24	sand		10YR 5/4	yellowish brown	subsoil
	24 - 52	sand		10YR 5/6	yellowish brown	subsoil
288 South	0 - 31	fine silty sand		10YR 4/3	brown	
	31 - 63	fine silty sand		10YR 5/6	yellowish brown	subsoil
289	0 - 22	sandy silty loam		10YR 3/3	dark brown	
	22 - 60	sand		10YR 5/3	brown	subsoil
290	0 - 12	sand	road ballast	2.5Y 4/2	dark grayish brown	
	12 - 25	fine silty sand	fill	10YR 5/4	yellowish brown	
	25 - 55	fine silty sand	fill	10YR 3/2	very dark grayish brown	
	55 - 66	fine silty sand		2.5Y 6/4	light yellowish brown	subsoil
291	0 - 20	silty sand		10YR 4/4	dark yellowish brown	
	20 - 32	silty sand		10YR 2/2	very dark brown	subsoil
		silty sand		10YR 4/4	dark yellowish brown	subsoil
		silty sand		10YR 5/6	yellowish brown	subsoil
292	0 - 10	sand		10YR 3/3	dark brown	
	10 - 42	sand		10YR 3/6	dark yellowish brown	subsoil
293	0 - 8	sand		10YR 4/2	dark grayish brown	
	8 - 52	sand		10YR 6/6	brownish yellow	subsoil
294	0 - 16	silty sand		10YR 4/3	brown	
		silty sand		10YR 4/6	dark yellowish brown	
	16 - 46	silty sand		10YR 3/3	dark brown	
	46 - 72	silty sand		10YR 5/6	yellowish brown	subsoil
295	0 - 3	sand		10YR 3/2	very dark grayish brown	
	3 - 12	sand		10YR 3/6	dark yellowish brown	
	12 - 15	sand		10YR 2/2	very dark brown	
	15 - 40	sand		7.5YR 4/6	strong brown	subsoil
		sand		10YR 4/6	dark yellowish brown	subsoil

**Phase IB Archeological Reconnaissance Survey Interchanges 23 and 24 Reconstruction
Shovel Test Records**

	<u>Depth (cm)</u>	<u>Soil Type</u>	<u>Soil Inclusions</u>	<u>Munsell Color</u>		<u>Termination Reason</u>
296	0 - 13	humus		10YR 2/1	black	
	13 - 18	silty sand		10YR 3/3	dark brown	
	18 - 40	sand		10YR 5/6	yellowish brown	subsoil
297	0 - 16	sand		10YR 5/4	yellowish brown	
	16 - 51	compact sand		10YR 2/1	black	disturbed
		compact sand		10YR 6/1	gray	disturbed
		compact sand		10YR 5/6	yellowish brown	disturbed
298	0 - 12	fine silty sand		10YR 4/3	brown	
	12 - 28	silty sandy loam		10YR 3/2	very dark grayish brown	
		silty sandy loam		10YR 6/6	brownish yellow	
	28 - 55	fine sand		10YR 5/6	yellowish brown	subsoil
299	0 - 15	silty sandy humus		10YR 3/1	very dark gray	
	15 - 33	sand		10YR 7/2	light gray	
		sand		10YR 7/1	light gray	
	33 - 46	sand		10YR 4/6	dark yellowish brown	subsoil/roots
300	0 - 18	sandy humus		10YR 3/2	very dark grayish brown	
	18 - 28	fine silty sand		10YR 5/6	yellowish brown	
	28 - 45	silty loam		10YR 2/2	very dark brown	
	45 - 60	fine silty sand		10YR 5/6	yellowish brown	subsoil
301	0 - 24	sand		10YR 3/3	dark brown	
	24 - 60	sand		10YR 6/3	pale brown	subsoil
		sand		10YR 2/1	black	subsoil
302	0 - 25	sand		10YR 3/3	dark brown	
	25 - 35	sand		10YR 4/6	dark yellowish brown	
	35 - 40	sand		10YR 3/4	dark yellowish brown	
	40 - 55	sand		10YR 5/6	yellowish brown	subsoil
303	0 - 15	sand		10YR 3/2	very dark grayish brown	
	15 - 45	sand		10YR 5/6	yellowish brown	subsoil
304	0 - 42	silty sand		10YR 2/2	very dark brown	disturbed
		silty sand		10YR 4/6	dark yellowish brown	disturbed
		silty sand		10YR 5/6	yellowish brown	disturbed
305	0 - 27	fine silty sand		10YR 4/3	brown	
	27 - 54	fine silty sand		10YR 5/6	yellowish brown	subsoil
306	0 - 12	sand		10YR 3/2	very dark grayish brown	
	12 - 31	sand		10YR 5/4	yellowish brown	
	31 - 55	sand		10YR 5/6	yellowish brown	subsoil
307	0 - 13	silty sand		10YR 3/2	very dark grayish brown	
	13 - 32	fine sand		10YR 5/4	yellowish brown	
	32 - 60	fine sand		10YR 5/6	yellowish brown	subsoil
308	0 - 13	sand	gravel	10YR 3/3	dark brown	
	13 - 50	sand	gravel	10YR 4/6	dark yellowish brown	subsoil

**Phase IB Archeological Reconnaissance Survey Interchanges 23 and 24 Reconstruction
Shovel Test Records**

	<u>Depth (cm)</u>	<u>Soil Type</u>	<u>Soil Inclusions</u>	<u>Munsell Color</u>		<u>Termination Reason</u>
309	0 - 15	sand		10YR 3/3	dark brown	
	15 - 40	sand		10YR 4/4	dark yellowish brown	subsoil
310	0 - 25	sandy humus		10YR 3/2	very dark grayish brown	
	25 - 49	sand		10YR 5/6	yellowish brown	subsoil/roots
311	0 - 30	sand		10YR 3/2	very dark grayish brown	
	30 - 50	sand		10YR 5/6	yellowish brown	subsoil
312	0 - 25	sandy humus		10YR 3/2	very dark grayish brown	
	0 - 14	sand		10YR 2/2	very dark brown	
	25 - 50	sand		10YR 6/6	brownish yellow	subsoil
	14 - 37	sand		10YR 4/3	brown	
	37 - 50	sand		10YR 5/6	yellowish brown	subsoil
313	0 - 10	sandy humus		10YR 2/2	very dark brown	
	10 - 28	fine silty sand		10YR 4/3	brown	
	28 - 50	fine sand		10YR 5/6	yellowish brown	subsoil
314	0 - 11	silty sandy humus		10YR 2/2	very dark brown	
	11 - 32	silty sand		10YR 4/3	brown	
	32 - 52	silty sand		10YR 6/8	brownish yellow	subsoil
315	0 - 40	sand		10YR 3/3	dark brown	
	40 - 57	sand		10YR 5/6	yellowish brown	subsoil
316	0 - 15	sand		10YR 2/2	very dark brown	
	15 - 34	sand		10YR 4/4	dark yellowish brown	
	34 - 45	sand		10YR 4/6	dark yellowish brown	subsoil
317	0 - 28	sand		10YR 3/2	very dark grayish brown	
	28 - 50	sand		10YR 6/6	brownish yellow	subsoil
318	0 - 23	sand		10YR 4/3	brown	
	23 - 42	sand		10YR 3/2	very dark grayish brown	
	42 - 58	sand		10YR 4/6	dark yellowish brown	subsoil
319	0 - 17	fine silty sand		10YR 4/2	dark grayish brown	
	17 - 55	fine silty sand		10YR 5/6	yellowish brown	
	55 - 80	sandy loam		10YR 4/2	dark grayish brown	
	80 - 90	fine sandy loam		10YR 5/6	yellowish brown	subsoil
320	0 - 18	sand		10YR 3/3	dark brown	
	18 - 33	sand		10YR 4/3	brown	
	33 - 55	sand		7.5YR 4/6	strong brown	subsoil
321	0 - 50	silty sand		10YR 3/1	very dark gray	
	50 - 70	sand		10YR 6/3	pale brown	subsoil
322	0 - 31	sandy humus		10YR 2/2	very dark brown	
	31 - 53	sand		10YR 6/4	light yellowish brown	subsoil
323	0 - 12	sand		10YR 2/1	black	
	12 - 43	sand		10YR 3/3	dark brown	
	43 - 51	sand		10YR 6/3	pale brown	

**Phase IB Archeological Reconnaissance Survey Interchanges 23 and 24 Reconstruction
Shovel Test Records**

	<u>Depth (cm)</u>	<u>Soil Type</u>	<u>Soil Inclusions</u>	<u>Munsell Color</u>		<u>Termination Reason</u>
324	0 - 23	sandy loam		10YR 3/2	very dark grayish brown	
	23 - 44	fine silty sand		10YR 4/4	dark yellowish brown	subsoil/roots
325	0 - 8	sandy humus		10YR 2/2	very dark brown	
	8 - 31	fine silty sand		10YR 4/3	brown	
	31 - 50	fine sand		10YR 5/6	yellowish brown	subsoil
326	0 - 8	sand		10YR 2/2	very dark brown	
	8 - 29	sand		10YR 3/3	dark brown	
	29 - 45	sand		7.5YR 4/6	strong brown	subsoil
327	0 - 5	sand		10YR 5/6	yellowish brown	
	5 - 11	sand		10YR 2/1	black	
	11 - 33	sand		10YR 3/3	dark brown	
	33 - 60	sand		10YR 5/6	yellowish brown	subsoil
328	0 - 35	sand		10YR 3/2	very dark grayish brown	
	30 - 60	sand		10YR 4/6	dark yellowish brown	subsoil
329	0 - 14	sandy humus		10YR 2/2	very dark brown	
	14 - 27	sand		10YR 4/3	brown	
	27 - 64	sand		10YR 5/6	yellowish brown	subsoil
330	0 - 10	sandy humus		10YR 2/1	black	
	10 - 33	fine sand		10YR 4/3	brown	
	33 - 50	fine sand		10YR 5/6	yellowish brown	subsoil
331	0 - 8	sand		10YR 2/2	very dark brown	
	8 - 24	sand		10YR 3/3	dark brown	
	24 - 50	sand	charcoal	7.5YR 4/6	strong brown	subsoil
332	0 - 10	sandy humus		10YR 2/2	very dark brown	
	10 - 24	sand		10YR 4/3	brown	
	24 - 60	sand		10YR 5/6	yellowish brown	subsoil
333	0 - 8	sand		10YR 3/1	very dark gray	
	8 - 30	sand		10YR 3/3	dark brown	
	30 - 80	sand		10YR 4/6	dark yellowish brown	subsoil
334	0 - 11	sandy humus		10YR 2/1	black	
	11 - 30	sand		10YR 4/3	brown	
	30 - 59	sand		10YR 5/6	yellowish brown	subsoil
335	0 - 8	sandy loam		10YR 2/2	very dark brown	
	8 - 32	fine silty sand		10YR 4/3	brown	
	32 - 54	fine sand		10YR 5/6	yellowish brown	subsoil
336	0 - 5	sand		10YR 2/2	very dark brown	
	5 - 26	sand		10YR 3/2	very dark grayish brown	
	26 - 55	sand		10YR 4/6	dark yellowish brown	subsoil
337	0 - 10	sand		10YR 3/1	very dark gray	
	10 - 21	sand		10YR 4/3	brown	
	21 - 42	sand		10YR 5/6	yellowish brown	subsoil

**Phase IB Archeological Reconnaissance Survey Interchanges 23 and 24 Reconstruction
Shovel Test Records**

	<u>Depth (cm)</u>	<u>Soil Type</u>	<u>Soil Inclusions</u>	<u>Munsell Color</u>		<u>Termination Reason</u>
338	0 - 16	silty humus		10YR 2/1	black	
	16 - 30	sandy silt		10YR 4/3	brown	
	30 - 50	sandy silt		10YR 5/6	yellowish brown	subsoil
339	0 - 13	silty humus		10YR 3/2	very dark grayish brown	
	13 - 55	fine sandy silt		10YR 4/4	dark yellowish brown	
	55 - 70	fine silty sand		10YR 5/6	yellowish brown	subsoil
340	0 - 30	sand		10YR 3/3	dark brown	
	30 - 65	sand		10YR 4/6	dark yellowish brown	subsoil
341	0 - 9	sand		10YR 2/2	very dark brown	
	9 - 42	sand		10YR 4/3	brown	
	42 - 55	sand		10YR 4/6	dark yellowish brown	subsoil
342	0 - 7	silty sand		10YR 3/2	very dark grayish brown	
	7 - 26	sand		10YR 4/6	dark yellowish brown	
	26 - 48	sand		10YR 5/6	yellowish brown	subsoil
343	0 - 13	sand		10YR 2/2	very dark brown	
	13 - 30	sand		10YR 4/6	dark yellowish brown	
	30 - 50	sand		10YR 5/4	yellowish brown	subsoil
344	0 - 50	sand		10YR 3/2	very dark grayish brown	
	50 - 80	sand		10YR 4/6	dark yellowish brown	subsoil
345	0 - 10	sandy humus		10YR 2/1	black	
	10 - 28	sand		10YR 4/4	dark yellowish brown	
	28 - 53	sand		10YR 5/6	yellowish brown	subsoil
346	0 - 5	sand		10YR 2/2	very dark brown	
	5 - 36	sand		10YR 4/3	brown	
	36 - 50	sand		10YR 4/6	dark yellowish brown	subsoil
347	0 - 9	silty humus		10YR 3/2	very dark grayish brown	
	9 - 27	sandy silt		10YR 4/3	brown	
	27 - 55	fine silty sand		10YR 5/6	yellowish brown	subsoil
348	0 - 14	sandy humus		10YR 2/1	black	
	14 - 34	silty sand		10YR 2/2	very dark brown	
	34 - 50	silty sand		10YR 4/6	dark yellowish brown	
	50 - 60	silty sand		10YR 5/6	yellowish brown	subsoil
349	0 - 9	sand		10YR 2/2	very dark brown	
	9 - 28	sand		10YR 4/3	brown	
	28 - 52	sand		10YR 4/6	dark yellowish brown	subsoil
350	0 - 8	sandy silt		10YR 2/1	black	
	8 - 26	fine silty sand		10YR 4/3	brown	
	26 - 60	fine silty sand		10YR 5/6	yellowish brown	subsoil
351	0 - 11	sand		10YR 2/1	black	
	11 - 29	sand		10YR 4/4	dark yellowish brown	
	29 - 44	sand		10YR 5/6	yellowish brown	subsoil

**Phase IB Archeological Reconnaissance Survey Interchanges 23 and 24 Reconstruction
Shovel Test Records**

	<u>Depth (cm)</u>	<u>Soil Type</u>	<u>Soil Inclusions</u>	<u>Munsell Color</u>		<u>Termination Reason</u>
352	0 - 20	sand		10YR 3/2	very dark grayish brown	
	20 - 60	sand		10YR 4/6	dark yellowish brown	subsoil
353	0 - 22	silty sand		10YR 4/3	brown	
	22 - 32	silty sand		10YR 2/2	very dark brown	
	32 - 48	silty sand		10YR 4/6	dark yellowish brown	
	48 - 64	silty sand		10YR 5/6	yellowish brown	subsoil
354	0 - 8	sandy humus		10YR 3/2	very dark grayish brown	
	8 - 26	fine silty sand		10YR 4/4	dark yellowish brown	
	26 - 51	fine silty sand		7.5YR 5/8	strong brown	subsoil
355	0 - 8	sand		10YR 2/1	black	
	8 - 32	sand		10YR 4/4	dark yellowish brown	
	32 - 52	sand		10YR 5/6	yellowish brown	subsoil
356	0 - 25	sand		10YR 3/3	dark brown	
	25 - 50	sand		10YR 4/6	dark yellowish brown	subsoil
357	0 - 5	sand		10YR 2/2	very dark brown	
	5 - 23	sand		10YR 4/3	brown	
	23 - 60	sand		10YR 5/6	yellowish brown	subsoil
358	0 - 20	sand		10YR 3/2	very dark grayish brown	
	20 - 50	sand		10YR 4/4	dark yellowish brown	subsoil
359	0 - 35	sandy humus		10YR 3/2	very dark grayish brown	
	35 - 51	sand		2.5Y 6/4	light yellowish brown	subsoil
360	0 - 17	fine silty sand		10YR 4/4	dark yellowish brown	
	17 - 52	fine sandy loam		10YR 3/2	very dark grayish brown	
	52 - 65	fine silty sand		10YR 7/2	light gray	subsoil
361	0 - 19	sand		10YR 2/2	very dark brown	
	19 - 32	sand		10YR 4/3	brown	
	32 - 50	sand		10YR 4/6	dark yellowish brown	subsoil
362	0 - 10	sandy humus		10YR 3/2	very dark grayish brown	
	10 - 26	fine sand		10YR 4/4	dark yellowish brown	
	26 - 50	fine sand		10YR 5/6	yellowish brown	subsoil
363	0 - 18	sand		10YR 3/3	dark brown	
	18 - 48	sand		10YR 4/6	dark yellowish brown	subsoil
364	0 - 35	fine silty sand		10YR 4/3	brown	
	35 - 46	fine sandy silt		10YR 3/1	very dark gray	
	46 - 60	fine silty sand		10YR 7/1	light gray	subsoil
365	0 - 33	sand		10YR 3/3	dark brown	
	33 - 52	sand		10YR 2/1	black	subsoil
		sand		10YR 6/3	pale brown	subsoil
366	0 - 40	sandy silt		10YR 2/1	black	
	40 - 50	silty sand		10YR 5/1	gray	subsoil
367	0 - 29	sand		10YR 3/2	very dark grayish brown	roots

**Phase IB Archeological Reconnaissance Survey Interchanges 23 and 24 Reconstruction
Shovel Test Records**

	<u>Depth (cm)</u>	<u>Soil Type</u>	<u>Soil Inclusions</u>	<u>Munsell Color</u>		<u>Termination Reason</u>
368	0 - 35	silty sand		10YR 3/1	very dark gray	
	35 - 60	sand		10YR 5/3	brown	subsoil
369	0 - 14	sand		10YR 3/3	dark brown	
	14 - 25	sand		10YR 3/6	dark yellowish brown	
	25 - 40	sand	charcoal	10YR 2/1	black	
	40 - 50	sand		10YR 4/6	dark yellowish brown	subsoil
370	0 - 40	sandy silt		10YR 4/6	dark yellowish brown	disturbed
		sandy silt		10YR 2/1	black	disturbed
		sandy silt		10YR 5/1	gray	disturbed
371	0 - 15	sandy humus		10YR 3/1	very dark gray	
	15 - 40	fine silty sand		10YR 4/3	brown	
	40 - 54	fine silty sand		10YR 6/2	light brownish gray	
	54 - 62	fine silty sand		10YR 5/3	brown	subsoil
372	0 - 25	sand		10YR 3/1	very dark gray	
	25 - 50	sand		10YR 5/6	yellowish brown	subsoil
373	0 - 14	sandy silt		10YR 2/2	very dark brown	
	14 - 30	sandy silt		10YR 4/6	dark yellowish brown	
	30 - 48	sandy silt		10YR 4/3	brown	
	48 - 60	sandy silt		10YR 5/6	yellowish brown	subsoil
374	0 - 15	sandy humus		10YR 3/2	very dark grayish brown	
	15 - 29	sand		10YR 4/4	dark yellowish brown	
	29 - 54	sand		10YR 5/6	yellowish brown	subsoil
375	0 - 10	sandy humus		10YR 3/2	very dark grayish brown	
	10 - 52	fine silty sand		10YR 5/6	yellowish brown	subsoil
376	0 - 15	sand		10YR 2/2	very dark brown	
	15 - 32	sand		10YR 3/3	dark brown	
	32 - 45	sand		10YR 4/6	dark yellowish brown	subsoil
377	0 - 15	sand		10YR 3/3	dark brown	
	15 - 40	sand		10YR 4/6	dark yellowish brown	subsoil
378	0 - 12	sand		10YR 3/2	very dark grayish brown	
	12 - 40	sand		10YR 4/4	dark yellowish brown	
	40 - 53	sand		10YR 2/1	black	
	53 - 60	sand		10YR 6/2	light brownish gray	roots
379	0 - 19	sandy humus		10YR 2/1	black	
	19 - 43	sandy silt		10YR 3/3	dark brown	
	46 - 56	sandy silt		2.5Y 6/3	light yellowish brown	subsoil
380	0 - 24	loamy sand		10YR 3/1	very dark gray	
	24 - 50	fine silty sand		2.5Y 6/4	light yellowish brown	subsoil
381	0 - 25	sand		10YR 3/2	very dark grayish brown	
	25 - 45	sand		10YR 5/3	brown	subsoil

**Phase IB Archeological Reconnaissance Survey Interchanges 23 and 24 Reconstruction
Shovel Test Records**

	<u>Depth (cm)</u>	<u>Soil Type</u>	<u>Soil Inclusions</u>	<u>Munsell Color</u>		<u>Termination Reason</u>
382	0 - 18	sand		10YR 2/1	black	
	18 - 43	sand		10YR 3/1	very dark gray	
	43 - 50	sand		10YR 4/1	dark gray	
383	0 - 30	sand		10YR 4/2	dark grayish brown	
	30 - 43	sand		10YR 6/6	brownish yellow	subsoil
384	0 - 35	sand		10YR 3/2	very dark grayish brown	
	35 - 55	sand		10YR 5/2	grayish brown	subsoil
385	0 - 13	silty sand		10YR 4/6	dark yellowish brown	
	13 - 41	fine silty sand		10YR 4/2	dark grayish brown	
	41 - 60	fine silty sand		2.5Y 6/4	light yellowish brown	subsoil
386	0 - 35	sand		10YR 3/1	very dark gray	
	35 - 48	sand		10YR 6/3	pale brown	subsoil
387	0 - 18	sandy silt		10YR 2/1	black	
	18 - 30	sandy silt		10YR 6/3	pale brown	subsoil
388	0 - 15	sand		10YR 3/1	very dark gray	
	15 - 40	sand		10YR 5/4	yellowish brown	subsoil
389	0 - 16	sandy humus		10YR 2/1	black	
	16 - 28	silty sand		10YR 5/3	brown	
	28 - 44	sand		10YR 6/3	pale brown	subsoil
390	0 - 18	sand		10YR 2/1	black	
	18 - 31	sand		10YR 4/6	dark yellowish brown	
	31 - 44	sand		10YR 5/6	yellowish brown	subsoil
391	0 - 24	sand		10YR 3/1	very dark gray	
	24 - 42	sand		10YR 4/4	dark yellowish brown	subsoil
392	0 - 10	sand		10YR 3/2	very dark grayish brown	
	10 - 40	sand		10YR 4/6	dark yellowish brown	subsoil