Proposed Ground

Existing Ground

EB-18

SOIL DESCRIPTION | N. Values | Qu (tsf) | % Moist

SILTY LOAM-black-loose (A-4) 5 NP 22
SILTY CLAY-dark gray-soft (A-6/A-7) Wet 40.25P 30
SILTY LOAM-brown & gray-loose (A-4) 5 NP 26
8 NP 30
SILTY CLAY-gray-stiff (A-7) Wet 41.75P 67
SAND-brown-medium dense (A-3) 10 NP 25
SANDY LOAM-gray-loose (A-2) 8 NP 31
5 NP 30
7 NP 27
SAND-brown-loose to dense (A-3) 6 NP 23
13 NP 22
Clay seams from -28.5' to -30.0' 9 - 30
16 NP 19
18 NP 20
19 NP 16
34 NP 19
39 NP 17
SAND-brown-loose to dense (A-3) 40 NP 16
21 NP 15
21 NP 16
SAND with Gravel-brown-medium dense (A-1-b) 14 NP 15
SAND-brown-medium dense (A-3) 21 NP 14
WOOD 26 NP 18
3 NP 356
SAND with Gravel-gray-medium dense (A-1-b) 13 NP 15
SAND-gray-medium dense to dense (A-3) 34 NP 22
SAND with Gravel-gray-medium dense (A-1-b) 22 NP 14
26 NP 12
Clay seams from -71.0' to -75.0' 24 NP 20
SAND-gray-medium dense to dense (A-3) 24 NP 14
31 NP 17
18 NP 18

179+32
24.0 Ft. RT.

EB-19

SOIL DESCRIPTION | N. Values | Qu (tsf) | % Moist

CINDERS, SAND & STONE-black-loose (FILL) 4 NP 13
SILTY CLAY-dark brown-medium stiff to very stiff (A-6) Wet 7 NP 25
4 0.5P 29
102.7B 28
SANDY LOAM to LOAM-brown-very loose to loose (A-4) 7 NP 19
SANDY LOAM-brown-loose (A-2) 3 NP 31
4 NP 25
6 NP 25
SILTY CLAY LOAM-dark brown & gray-very loose to loose (A-4/A-6) Wet 5 0.25P 36
3 0.5P 33
9 NP 23
16 NP 26
16 NP 24
SAND-brown-medium dense to dense (A-3) 29 NP 15
21 NP 16
32 NP 22
26 NP 23
28 NP 22
35 NP 23
28 NP 20
45 NP 22
26 NP 22
24 NP 16
27 NP 18
40 NP 19
SAND with Gravel-brown & gray-medium dense (A-1-b) 24 NP 16
SAND-gray-medium dense (A-3) 19 NP 16
19 NP 15
WOOD (A-8) 16 NP 18
3 NP 363
SAND-gray-medium dense to dense (A-3) 47 NP 19
35 NP 16
24 NP 17

180+50*
0.0 Ft.

EB-20

SOIL DESCRIPTION | N. Values | Qu (tsf) | % Moist

SAND, STONE & BRICK-loose (FILL) ASNP 10
SILTY LOAM-brown-very loose (A-4) 7 NP 8
SAND-brown-medium dense (A-3) 2 NP 25
SANDY LOAM-brown-loose (A-2) 10 NP 14
SILTY LOAM to SILT-brown & gray-loose (A-4) 4 NP 28
SILTY CLAY-brown & gray-medium stiff (A-6) Wet 5 NP 33
6 0.6B 34
20 NP 16
19 NP 16
17 NP 16
SAND-brown-medium dense to dense (A-3) 31 NP 18
28 NP 12
40 NP 16
22 NP 16
32 NP 20
43 NP 22
23 NP 25
23 NP 23
34 NP 18
12 NP 19
25 NP 18
SAND with Gravel-brown & gray-medium dense (A-1-b) 14 NP 15
SAND-brown-medium dense to dense (A-3) 26 NP 16
33 NP 20
SAND-gray-dense (A-3) 32 NP 18
17 NP 18
SAND with Gravel-brown & gray-medium dense (A-1-b) 22 NP 13
SAND-gray-medium dense to dense (A-3) 16 NP 17
11 NP 17
Clay seams from -76.0' to -77.5' 53 NP 17
25 NP 15
27 NP 19
35 NP 19

183+57
9.5 Ft. LT.

EB-21

SOIL DESCRIPTION | N. Values | Qu (tsf) | % Moist

4.0" ASPHALT, 4.0" BRICK-CINDERS & STONE-very dense (FILL) 5 NP 12
SANDY LOAM-brown-loose (A-2) 5 NP 11
5 NP 12
5 NP 13
SILTY LOAM-brown-very loose (A-4) 2 NP 28
SILTY CLAY-brown & gray-stiff (A-7) Wet 5 1.0B 37
SANDY LOAM-brown-medium dense (A-2) 14 NP 23
SAND-brown-medium dense (A-3) 21 NP 22
28 NP 21
26 NP 22
SILTY CLAY-brown & gray-soft (A-7) Wet 9 0.25P 44
SAND-brown-medium dense to dense (A-3) 19 NP 24
11 NP 26
21 NP 20
24 NP 25
24 NP 18
Trace organics from -51.0' to -52.5' 44 NP 23
SAND-gray-medium dense to dense (A-3) 31 NP 17
35 NP 17
33 NP 18
18 NP 19
36 NP 15
28 NP 14
29 NP 18
27 NP 19
56 NP 22

185+56
0.0 Ft.

EB-22

SOIL DESCRIPTION | N. Values | Qu (tsf) | % Moist

2.0" GRAVEL, 4.0" CONCRETE-SAND, GRAVEL & STONE-medium dense (FILL) ASNP 8
15 NP 6
SANDY LOAM-brown-loose (A-2) 4 NP 26
SILTY LOAM-brown & gray-loose (A-4) 6 NP 34
5 NP 31
4 NP 27
SANDY LOAM-brown-loose (A-2) 5 NP 28
SILT-gray-loose (A-4) 9 NP 32
SAND-brown-medium dense (A-3) 16 NP 25
13 NP 19
24 NP 22
SANDY LOAM-brown-medium dense (A-2) 14 NP 30
SAND-brown-medium dense (A-3) 19 NP 23
SILTY CLAY-dark gray-soft (A-7) Wet 140.25P 41
SAND-brown-medium dense to dense (A-3) 30 NP 22
18 NP 21
25 NP 23
26 NP 23
32 NP 20
18 NP 16
41 NP 17
21 NP 19
27 NP 16
SAND-gray-medium dense to dense (A-3) 39 NP 14
54 NP 24
50 NP 19
SAND with Gravel-gray-medium dense (A-1-b) 23 NP 18
SAND-gray-medium dense (A-3) 25 NP 14
22 NP 16
SAND with Gravel-gray-medium dense (A-1-b) 24 NP 15
SAND-gray-dense to very dense (A-3) 56 NP 15
57 NP 18
70 NP 18

187+42
9.0 Ft. RT.

*NOTE: ACTUAL STATION OF BORING EB1S HAS BEEN OFFSET TO ACCOMODATE SPACE AVAILABLE

178+00 180+00 182+00 184+00 186+00 188+00

440 430 420 410 400 390 380 370 360 350 340 330 320 310 300 290 280 270

PLAN | PROFILE | BY | DATE | SURVEYED | DRAWN | PLOTTED | CHECKED | QUANTITIES CHECKED | ALIGNMENT CHECKED | STRUCTURE NO. | KARPICK GRID | NO. | CADD FILE NAME | HOR. SCALE | VERT. SCALE | NO. | DATE

FILE NAME : $FILE$	USER NAME : $USER$	DESIGNED - TSR	REVISED - SMS 5/27/2010
		DRAWN - TSR	REVISED -
	PLOT SCALE : $SCALE$	CHECKED MGM	REVISED -
	PLOT DATE : $DATE$	DATE - 06/01/2009	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL PROFILE

SCALE: | SHEET NO. 6 OF 7 SHEETS | STA. 178+00 TO STA. 188+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-1R	ST. CLAIR	294	108
		CONTRACT NO. 76C43		
	ILLINOIS FED. AID PROJECT			