STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Sheet No. 15 of 16 Sheets

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SBI 88	103C-BR	BUREAU	51	26
FED.ROAD DIST.NO.		ILLINOIS	PROJECT	

CONTRACT #64423

ILLINOIS DEPARTMENT OF TRANSPORTATION
Distriot Two Materials
Greenville Twp. - Sec 28 & 33 - T18N, R7E
Elev. ● Center of Structure - 100.0

Units English
Bridge Foundation
Boring Log

PROJECT XX
BRIDGE Over Green River on New Bedford Road, east of New Bedford
Date 07/25/94
Sh. 1 of 2
ROUTE SBI 88
Bored By S. Mendoza
SEC. 103 C
STA. 29 + 25
Checked By T. Bratt
COUNTY Bureau
Boring No. B-1
Sta 28 + 52
O/S 9.5' Rt

Surf Wat El. 85.2
Grndwater El. at Compl wash
At ____ Hrs ____

DEPTH	N	Qu t/sf	W %	DEPTH	N	Qu t/sf	W %
Ground Surface 95.5 0							
Bituminous Shoulder							
SOFT CLAY LOAM w/ SAND lenses		0.7 P	14	MEDIUM fine SAND & GRAVEL			
					12		
					8		
					9		
MEDIUM rusty brown, black, CLAY LOAM w/ SAND lenses	4 4 4	1.0 P	10	-25			
				MEDIUM same as above	14		
					14		
-5					15		
LOOSE dirty fine SAND	2 2 4						
				DENSE same as above	12		
					17		
					15		
SOFT black SILTY CLAY LOAM	2 2 4	0.5 P	33	-30			
-10							
VERY SOFT rusty brown, gray CLAY LOAM w/SAND lenses	1 1 2	0.2 B	38	same as above	13		
					16		
					24		
LOOSE fine SAND	2 2 5			-35			
First Encounter V-15 same as above							
	3 3 3			MEDIUM fine SAND	10		
					11		
					12		
VERY LOOSE fine SAND	1 1 2			-40			
MEDIUM fine SAND -20	3 4 8				6		
					9		
	next column				12		
				-45			

N-Std Pentr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

Units English
Project XX
Route SBI 88
Sec. 103 C
County Bureau

Sh. 2 of 2

Boring No. B-1
Sta 28 + 52
O/S 9.5' Rt

El.	N	Qu t/sf	W %	El.	N	Qu t/sf	W %
-45							
				MEDIUM same as above	-70		
					5 7 10	0.7 B	14
same as above	3 5 6			STIFF same as above			
					3 8 12	1.4 B	13
-50				same as above	-75		
					6 6 7	1.2 B	15
same as above	13 6 5			same as above			
					4 10 10	1.7 B	13
-55				VERY STIFF same as above	-80		
					5 13 16	2.3 B	13
STIFF gray CLAY LOAM TILL w/SANDY lenses	5 7 8	1.2 B	15	HARD gray SILTY CLAY LOAM TILL	13 39 31	4.5 B	13
-60				-85			
STIFF gray, rusty brown CLAY LOAM TILL w/SAND lenses	4 6 10	1.6 B	13		13 21 26	4.1 B	13
STIFF gray CLAY LOAM TILL w/SAND lenses	4 6 11	1.6 B	14	VERY STIFF same as above	14 25 26	2.9 B	13
-65				END OF BORING	-90		
STIFF same as above	5 10 12	1.6 B	14				
STIFF same as above	6 9 13	1.6 B	14				
-70					-95		

ILLINOIS DEPARTMENT OF TRANSPORTATION
Distriot Two Materials
Elev. ● Center of Structure - 100.0

Units English
Bridge Foundation
Boring Log

PROJECT XX
BRIDGE Over Green River on New Bedford Road east of New Bedford
Date 08/02/94
Sh. 1 of 2
ROUTE SBI 88
Bored By J. Robertson
SEC. 103-C
STA. 29 + 25
Checked By T. Bratt
COUNTY Bureau
Boring No. B-2
Sta 30 + 06
O/S 12' Rt CL

Surf Wat El. 85.2
Grndwater El. at Compl ____
At ____ Hrs ____

DEPTH	N	Qu t/sf	W %	DEPTH	N	Qu t/sf	W %
Ground Surface 95.5 0							
Shoulder							
LOOSE brown medium SAND				MEDIUM gray medium to coarse SAND			
					3 6 10		
LOOSE same as above	3 3 4			begin wash -25			
				MEDIUM gray fine to coarse SAND	13 13 12		
-5							
LOOSE same as above	4 2 3			MEDIUM same as above	8 10 10		
				-30			
SOFT black SILTY LOAM	1 2 3	0.3 P	38				
Streambed Elev. 85.5 -10							
LOOSE tan fine SAND	1 3 4			MEDIUM same as above	6 9 18		
LOOSE brown medium SAND	3 3 5			-35			
-15							
LOOSE gray medium SAND	2 2 4			MEDIUM same as above	10 10 15		
LOOSE same as above	3 2 4			-40			
First Encounter V-20 MEDIUM gray fine SAND	5 8 9			MEDIUM same as above	3 10 12		
	next column						
				-55			

N-Std Pentr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

Units English
Project XX
Route SBI 88
Sec. 103-C
County Bureau

Sh. 2 of 2

Boring No. B-2
Sta 30 + 06
O/S 12' Rt CL

El.	N	Qu t/sf	W %	El.	N	Qu t/sf	W %
-45							
				VERY STIFF gray SILT	-70		
					9 17 24	4.1 B	20
STIFF gray CLAY TILL	5 7 11	1.4 B	14	STIFF gray CLAY TILL	13 12 18	1.7 B	13
STIFF same as above -50				-75			
	6 9 12	1.4 B	14	VERY STIFF same as above	8 10 15	2.2 B	13
STIFF same as above	6 9 11	1.4 B	13	VERY STIFF same as above	12 14 20	2.9 B	13
-55				-80			
STIFF same as above	5 11 13	2.0 B	13	HARD same as above	14 19 30	5.1 B	12
STIFF same as above	6 8 9	1.5 B	14		20 25 28	7.6 B	12
-60				END OF BORING	-85		
STIFF same as above	5 10 13	1.9 B	14				
STIFF same as above	8 12 15	2.0 B	14				
STIFF same as above -65	3 10 12	1.4 B	16		-90		
VERY STIFF same as above	9 16 22	2.3 B	14				
-70					-95		

NOTE:
Elevation at center of structure is 634.00+

NEW BEDFORD ROAD OVER GREEN RIVER

SOIL BORING LOGS

REVISIONS			
No.	DATE	INITIALS	
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SBI 88 SPUR — SECTION 103C-BR
SN 006-0163
STA 29+25.34 — BUREAU COUNTY

HOMER L. CHASTAIN & ASSOCIATES, LLP
CONSULTING ENGINEERS
184-001397

DRAWN BY / DATE	R King 4/04
CHECKED BY / DATE	CMJ 4/04
QA/QC BY / DATE	CWC 4/04
BOOK NUMBER	
PROJECT No.	4858-1
SHEET No.	