STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SBI 88	103C-BR	BUREAU	51	27
FED.ROAD DIST.NO.		ILLINOIS	PROJECT	

Sheet No. 16 of 16 Sheets

CONTRACT #64423

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Two Materials

Units English
Bridge Foundation
Boring Log

Elev. @ Center of Structure - 100.0

Sh. 1 of 2

PROJECT xx
BRIDGE Over Green River on New Bedford Road east of New Bedford
Date 08/04/94
ROUTE SBI 88
Bored By J. Robertson
SEC. 103-C
STA. 29 + 25
Checked By T. Bratt
COUNTY Bureau
Boring No. B-3
Sta 28 + 95
O/S 51 Rt. CL

Surf Wat El. 85.3
Grndwater El. at Compl wash
At ____ Hrs ____

Description	Depth	N	Qu t/sf	W %
Ground Surface 99.9	0			
Deck				
Air	-5			
Water	-15			
Streambed Elev. - 82.0 River Muck - fluid				
MEDIUM gray medium S.	-25	3 5 7		
		next column		
MEDIUM gray medium to coarse SAND		9 4 8		
	-25			
MEDIUM same as above		10 7 10		
begin wash				
MEDIUM same as above		7 8 7		
	-30			
LOOSE same as above		2 2 3		
	-35			
MEDIUM same as above		11 10 9		
	-40			
VERY SOFT gray CLAY		4 3 6	0.2	24
	-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-3
Sta 28 + 95
O/S 5' Rt. CL

Description	El.	N	Qu t/sf	W %
VERY STIFF gray CLAY TILL	-45	4 6 8	2.9 B	17
STIFF same as above		4 7 9	1.4 B	14
STIFF same as above	-50	2 6 9	1.2 B	14
VERY STIFF same as above		5 10 11	2.1 B	11
VERY STIFF same as above	-55	10 10 10	2.3 B	15
STIFF same as above		4 7 11	1.7 B	14
STIFF same as above	-60	7 9 14	1.2 B	13
STIFF same as above		8 10 14	1.2 B	14
SOFT same as above (small sample)	-65	7 10 14	0.5 P	15
STIFF sampler empty		12 14 17	1.7 E	
	-70			
SOFT gray CLAY TILL	-70	11 11 16	0.4 B	14
STIFF same as above		5 8 10	1.7 B	13
STIFF same as above	-75	7 8 13	1.7 B	14
8/5/94 (continued) STIFF same as above		4 8 13	1.2 B	14
STIFF same as above	-80	5 10 15	1.4 B	14
HARD same as above		15 100 - 11" pent.	6.8 S	12
HARD same as above	-85	12 28 43	5.1 B	15
VERY STIFF same as above		12 14 19	3.3 B	14
VERY STIFF same as above	-90	11 12 21	3.3 B	14
END OF BORING				
	-95			

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Two Materials

Units English
Bridge Foundation
Boring Log

Elev. @ Center of Structure - 100.0

Sh. 1 of 2

PROJECT xx
BRIDGE Over Green River on New Bedford Road east of New Bedford
Date 08/08/94
ROUTE SBI 88
Bored By J. Robertson
SEC. 103-C
STA. 29 + 25
Checked By T. Bratt
COUNTY Bureau
Boring No. B-4
Sta 29 + 56
O/S 5' Lt. CL

Surf Wat El. 85.3
Grndwater El. at Compl wash
At ____ Hrs ____

Description	Depth	N	Qu t/sf	W %
Ground Surface 99.9	0			
Deck				
Air	-5			
Water	-15			
River Muck Streambed Elev. - 82.0				
VERY LOOSE brown medium SAND		0 1 1		
MEDIUM gray medium to coarse SAND	-20	3 5 6		
		next column		
begin wash LOOSE same as above		3 4 4		
	-25			
MEDIUM gray medium to coarse SAND & GRAVEL		14 10 10		
MEDIUM same as above		8 8 10		
	-30			
MEDIUM same as above		12 12 14		
	-35			
MEDIUM same as above		8 13 10		
	-40			
DENSE gray medium to coarse SAND & GRAVEL		12 16 17		
	-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-4
Sta 29 + 56
O/S 5' Lt. CL

Description	El.	N	Qu t/sf	W %
MEDIUM gray fine to coarse SAND & GRAVEL	-45	21 11 11		
MEDIUM gray SILT	-50	5 13 10	0.8 B	15
STIFF gray CLAY TILL		7 13 12	1.6 B	16
STIFF same as above	-55	4 7 8	2.0 P	15
MEDIUM same as above		3 6 7	1.0 B	14
STIFF same as above	-60	3 6 8	1.4 B	14
MEDIUM same as above		5 8 10	1.0 B	14
STIFF same as above	-65	5 9 11	1.2 B	14
STIFF gray CLAY TILL		5 10 11	1.2 B	14
	-70			
same as above	-70	6 8 10	1.2 B	14
8/9/94 (Continued) STIFF as above		5 7 8	1.2 B	13
VERY STIFF as above	-75	8 10 11	2.0 B	14
VERY STIFF as above		3 6 7	3.0 B	13
HARD as above	-80	12 22 31	5.0 B	12
HARD as above		6 16 03	4.2 B	13
END OF BORING				
	-85			

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

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