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
District 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 ____

Description	Depth	N	Qu t/sf	W %
Ground Surface 99.5	0			
Bituminous Shoulder				
SOFT CLAY LOAM w/ SAND lenses			0.7 P	14
MEDIUM rusty brown, black, CLAY LOAM w/ SAND lenses		4 4 4	1.0 P	10
	-5			
LOOSE dirty fine SAND		2 2 4		
SOFT black SILTY CLAY LOAM		2 2 4	0.5 P	33
	-10			
VERY SOFT rusty brown, gray CLAY LOAM w/SAND lenses		1 1 2	0.2 B	38
LOOSE fine SAND		2 2 5		
First Encounter V-15 same as above		3 3 3		
VERY LOOSE fine SAND		1 1 2		
	-20			
MEDIUM fine SAND		3 4 8		
next column				

Description	Depth	N	Qu t/sf	W %
MEDIUM fine SAND & GRAVEL		12 8 9		
	-25			
MEDIUM same as above		14 14 15		
DENSE same as above		12 17 15		
	-30			
same as above		13 16 24		
	-35			
MEDIUM fine SAND		10 11 12		
	-40			
	-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

Description	El.	N	Qu t/sf	W %
	-45			
same as above		3 5 6		
	-50			
same as above		13 6 5		
	-55			
STIFF gray CLAY LOAM TILL w/SANDY lenses		5 7 8	1.2 B	15
	-60			
STIFF gray, rusty brown CLAY LOAM TILL w/SAND lenses		4 6 10	1.6 B	13
STIFF gray CLAY LOAM TILL w/SAND lenses		4 6 11	1.6 B	14
	-65			
STIFF same as above		6 10 12	1.6 B	14
STIFF same as above		6 9 13	1.6 B	14
	-70			

Description	El.	N	Qu t/sf	W %
MEDIUM same as above	-70	5 7 10	0.7 B	14
STIFF same as above		3 8 12	1.4 B	13
	-75			
same as above		6 6 7	1.2 B	15
same as above		4 10 10	1.7 B	13
VERY STIFF same as above	-80	5 13 16	2.3 B	13
HARD gray SILTY CLAY LOAM TILL		13 39 31	4.5 B	13
	-85			
		13 21 26	4.1 B	13
VERY STIFF same as above		14 25 26	2.9 B	13
END OF BORING				
	-90			
	-95			

ILLINOIS DEPARTMENT OF TRANSPORTATION
District 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 ____

Description	Depth	N	Qu t/sf	W %
Shoulder				
LOOSE brown medium SAND				
LOOSE same as above		3 3 4		
	-5			
LOOSE same as above		4 2 2		
SOFT black SILTY LOAM		1 2 3	0.3 P	38
Streambed Elev. 95.5	-10			
LOOSE tan fine SAND		1 3 4		
LOOSE brown medium SAND		3 3 5		
	-15			
LOOSE gray medium SAND		2 2 4		
LOOSE same as above		3 2 4		
First Encounter V-20 MEDIUM gray fine SAND		8 8 9		
next column				

Description	Depth	N	Qu t/sf	W %
MEDIUM gray medium to coarse SAND		3 6 10		
begin wash	-25			
MEDIUM gray fine to coarse SAND		13 13 12		
MEDIUM same as above		8 10 10		
	-30			
MEDIUM same as above		6 9 18		
	-35			
MEDIUM same as above		10 10 15		
	-40			
MEDIUM same as above		3 10 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-2
Sta 30 + 06
O/S 12' Rt CL

Description	El.	N	Qu t/sf	W %
	-45			
STIFF gray CLAY TILL		5 7 11	1.4 B	14
STIFF same as above	-50	6 9 12	1.4 B	14
STIFF same as above		6 9 11	1.4 B	13
STIFF same as above	-55	5 11 13	2.0 B	13
STIFF same as above		6 8 9	1.5 B	14
STIFF same as above	-60	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	14
VERY STIFF same as above		9 16 21	2.3 B	14
	-70			

Description	El.	N	Qu t/sf	W %
VERY STIFF gray SILT	-70	9 17 24	4.1 B	20
STIFF gray CLAY TILL		13 12 18	1.7 B	13
	-75			
VERY STIFF same as above		8 10 15	2.1 B	13
VERY STIFF same as above		12 14 20	2.9 B	13
HARD same as above	-80	14 19 30	5.1 B	12
		20 25 38	7.6 B	12
END OF BORING				
	-85			
	-90			
	-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	R King 4/04
CHECKED BY	CMV 4/04
QA/QC BY	CWC 4/04
BOOK NUMBER	
PROJECT No.	4858-1
SHEET No.	