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-2 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 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	MEDIUM same as above	-25		14 14 15
LOOSE dirty fine SAND -5	2 2 4			DENSE same as above			12 17 15
SOFT black SILTY CLAY LOAM	2 2 4	0.5 P	33		-30		
VERY SOFT rusty brown, gray CLAY LOAM w/SAND lenses -10	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 6						6 8 12
next column					-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 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	6 10 12	1.6 B	14				
STIFF same as above	6 9 13	1.6 B	14		-95		
-70							

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 ____

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 -5	3 3 4			begin wash	-25		
LOOSE same as above	4 2 2			MEDIUM gray fine to coarse SAND			13 13 12
SOFT black SILTY LOAM	1 2 3	0.3 P	38	MEDIUM same as above	-30		8 10 10
Streambed Elev. 82.5 -10							
LOOSE tan fine SAND	2 3 4						
LOOSE brown medium SAND	3 3 5			MEDIUM same as above	-35		6 9 18
LOOSE gray medium SAND -15	2 2 4						
LOOSE same as above	3 2 4			MEDIUM same as above			10 10 15
First Encounter V-20 MEDIUM gray fine SAND	5 8 9				-40		
next column				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

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	6 9 12	1.4 B	14	VERY STIFF same as above	-75	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
S..FF same as above -55	5 11 13	2.0 B	13	HARD same as above	-80	14 19 30	5.1 B 12
STIFF same as above	6 8 9	1.5 B	14			20 25 38	7.6 B 12
STIFF same as above -60	6 10 13	1.3 B	14	END OF BORING	-85		
STIFF same as above	8 12 15	2.0 B	14				
STIFF same as above -65	3 10 12	1.4 B	14		-90		
VERY STIFF same as above	9 16 21	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	CMV 4/04
QA/QC BY / DATE	CWC 4/04
BOOK NUMBER	
PROJECT No.	4858-1
SHEET No.	