

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ILLINOIS DEPARTMENT OF TRANSPORTATION  
District Two Materials  
Selby Twp. - SW 1/4 Sec 1 - T16N, R10E

Units English  
Bridge Foundation  
Boring Log

PROJECT BRIDGE I-80 Eastbound over Date Sh. 1 of 2  
03/18/96  
ROUTE FAI 80 Brush Creek Bored By K. Pax  
SEC. 06-07B & 06-07F STA. 1612 + 97.40 Checked By T. Bratt

D E P T H	N	Qu t/sf	W %	Description	D E P T H	N	Qu t/sf	W %	Description
				Ground Surface 199.8 0					First Encounter V
				Concrete Approach Pavement					VERY SOFT black SILT
									9.3% Organics
				STIFF olive green, brown gray, black CLAY LOAM					VERY SOFT Same as above with 8% Organics
				STIFF Same as above					LOOSE dirty SAND & GRAVEL with a trace of cohesive soil
				STIFF Same as above					STIFF tan/gray CLAY TILL
				STIFF olive green, black SILTY CLAY LOAM					STIFF gray CLAY TILL
				STIFF olive green, brown SILTY CLAY LOAM					MEDIUM gray river SAND & GRAVEL
				MEDIUM olive green, black SILTY CLAY LOAM					MEDIUM Same as above
				STIFF olive green, brown, black SILTY CLAY LOAM					HARD pink, light brown SILTY LOAM TILL
				VERY STIFF black SILT					HARD Same as above

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

ILLINOIS DEPARTMENT OF TRANSPORTATION  
District Two Materials  
Selby Twp. - SW 1/4 Sec 1 - T16N, R10E

PROJECT BRIDGE I-80 Eastbound over Date Sh. 2 of 2  
03/18/96  
ROUTE FAI 80 Brush Creek Bored By K. Pax  
SEC. 06-07B & 06-07F STA. 1612 + 97.40 Checked By T. Bratt

D E P T H	N	Qu t/sf	W %	Description	D E P T H	N	Qu t/sf	W %	Description
				HARD pink, light brown SILTY LOAM TILL					HARD Same as above
				HARD Same as above					HARD Same as above
				HARD Same as above					HARD Same as above
				HARD Same as above					HARD Same as above
				STIFF Same as above					STIFF Same as above
				MEDIUM Same as above w/SAND lenses					MEDIUM Same as above w/SAND lenses
				VERY STIFF Same as above					VERY STIFF Same as above
				VERY STIFF Same as above					VERY STIFF Same as above
				HARD Same as above					HARD Same as above
				VERY STIFF Same as above					VERY STIFF Same as above
				END OF BORING					END OF BORING

ILLINOIS DEPARTMENT OF TRANSPORTATION  
District Two Materials  
Selby Twp. - SW 1/4 Sec 1 - T16N, R10E

PROJECT BRIDGE I-80 Eastbound over Date Sh. 1 of 2  
01/22/96  
ROUTE FAI 80 Brush Creek Bored By R. Montgomery  
SEC. 06-07B & 06-07F STA. 1612 + 97.40 Checked By T. Bratt

D E P T H	N	Qu t/sf	W %	Description	D E P T H	N	Qu t/sf	W %	Description
				Ground Surface 178.8 0					MEDIUM tan SILTY LOAM
				Road Gravel & Asphalt					MEDIUM gray fine SAND very fine & fluid
				MEDIUM black SILTY LOAM					HARD gray SILTY CLAY TILL
				SOFT black SILTY LOAM w/SAND lenses					Same as above
				SOFT black SILTY LOAM w/ SAND 9.5% Organics					Same as above
				First Encounter V MEDIUM gray Sand & GRAVEL					VERY STIFF Same as above, very wet
				MEDIUM gray SAND & GRAVEL with medium rounded GRAVEL					VERY STIFF Same as above
				MEDIUM Same as above					VERY STIFF Same as above
				MEDIUM Same as above					VERY STIFF Same as above
				MEDIUM Same as above					No recovery
				MEDIUM gray SILT contains SAND lenses					VERY SOFT Same as above, very wet & plastic

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

ILLINOIS DEPARTMENT OF TRANSPORTATION  
District Two Materials  
Selby Twp. - SW 1/4 Sec 1 - T16N, R10E

PROJECT BRIDGE I-80 Eastbound over Date Sh. 2 of 2  
01/22/96  
ROUTE FAI 80 Brush Creek Bored By R. Montgomery  
SEC. 06-07B & 06-07F STA. 1612 + 97.40 Checked By T. Bratt

D E P T H	N	Qu t/sf	W %	Description	D E P T H	N	Qu t/sf	W %	Description
				MEDIUM Same as above					STIFF gray SILTY CLAY TILL
				MEDIUM Same as above very wet & plastic					STIFF gray SILTY CLAY TILL
				VERY STIFF Same as above					DENSE gray SAND
				VERY STIFF Same as above (very dry)					DENSE gray SAND very fine
				STIFF Same as above					DENSE gray SAND
				STIFF gray SILTY CLAY TILL					DENSE gray SAND
				STIFF Same as above					DENSE gray SAND
				STIFF Same as above					DENSE gray SAND
				STIFF Same as above					DENSE gray SAND
				MEDIUM gray SILT					MEDIUM gray SILT lenses

DESIGNED - SP  
CHECKED - PDF  
DRAWN - SP  
CHECKED - PDF

BORING LOGS - 5  
STRUCTURE NO. 006-0170 EB  
STRUCTURE NO. 006-0171 WB

SHEET NO. 58 59 SHEETS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	80	*	BUREAU	744	152
FED. ROAD DIST. NO. ILLINOIS			FED. AID PROJECT		
CONTRACT NO. 66908					

TYLIN INTERNATIONAL