testing engineers, inc. FOUNDATION SORINGS AND REPORTS MATERIAL TESTING AND REPORTS SOIL SURVEYS AND ANALYSIS LOG OF BORING NO. B1	testing engineers, inc. M17 CHICAGO AVE., P.O.BOX 548 DOXCH, ILLINOIS 61021 PHONE 615286-1489 244T N. CENTRAL AVENUE ROCKFORD, ILLINOIS 61021 PHONE 615964-4000 PHONE 615964-4000 PHONE 615964-4000 HORE STORE AVENUE ROCKFORD, ILLINOIS 61021 PHONE 615964-4000 PHONE 615964-4000 BORING NO. 82	testing engineers, inc. 1417 CHICAGO AVE. P. O.BIOX SAB DIXON, ILLINOIS 61021 PHONE 815/288-1489 2447 N. CENTRAL AVENUE ROCFFORD, ILLINOIS 61101 PHONE 815/984-8030 PHONE 815/984-8030 PHONE 815/984-8030 LOG OF BORING NO. B3	SECTION COUNTY SECTION COUNTY SECTION SECTION COUNTY SECTION SECTION
PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. JOB NO. 4868.01	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. JOB NO. 4868.01	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. JOB NO. 4868.01	STRUCTURAL SHEET 25 OF 25
OWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ORDER NO.	OWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ORDER NO.	OWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ORDER NO.	
ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC.	ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC.	ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC.	
LOCATION: SE 1/4 OF SEC. 7, T16N, R9E OF THE 4TH P.M.; BUREAU COUNTY, ILLINOIS	LOCATION: SE 1/4 OF SEC. 7, T16N, R9E OF THE 4TH P.M.; BUREAU COUNTY, ILLINOIS	LOCATION: CITY BRUSH PIT SITE AT NE CORNER OF EPPERSON ROAD AND RAILROAD AVENUE	
BORING LOCATED 15' LEFT OF STATION 14+19	BORING LOCATED 25' LEFT OF STATION 13+10	PRINCETON, ILLINOIS; BORING LOCATED 50' N & 120' W OF BRUSH PIT ENTRANCE	
DATUM: B.M. = CHISELED SQUARE ON SE WINGWALL OF EXISTING STRUCTURE; ELEVATION = 582.17	DATUM: B.M. = CHISELED SQUARE ON SE WINGWALL OF EXISTING STRUCTURE; ELEVATION = 582.17	DATUM: NONE	
ELEV. SOIL DESCRIPTION DEPTH SAMPLE GO N Q W%	ELEV. SOIL DESCRIPTION DEPTH SAMPLE 15 UN Q, W%	ELEV. SOIL DESCRIPTION DEPTH SAMPLE 1: U N Q, W%	
ELEV. SOIL DESCRIPTION DEPTH NO. TYPE 2 W N Q W%	[NO. TYPE ∆ ∞	Brown CLAYEY SILT -0.0	•
Loose to dense brown SAND and GRAVEL, 1 SS 7	564.5 Brown SAND and GRAVEL 0.0 1 SS 12 4.57 12.0	Very stiff brown SILTY CLAY, trace sand, 0.5 1 SS 20 3.92 10.8	
564.4	2 SS 19 8.17 11.0	2 SS 17 4.65 10.0	•
Herd pinkish gray SILTY CLAY, trace sand, 5 3 SS 20 7.18 11.1	5 3 SS 20 5.24 11.2	5 3 SS 17 5.24 10.5	
567.9 11.0 5 SS 18 8.45 9.6	5 SS 22 5.04 10.3	5 SS 14 4.46 10.7	
Hard pinkish gray CLAYEY SILT, trace - 6 SS 28 5.02 8.6	6 88 23 5.02 9.1	6 SS 16 4.85 11.3	
sand, trace gravel		Hard pinkish gray SILTY CLAY, trace sand,	
550.4	Hard pinkish gray SiLTY CLAY, trace sand, trace gravel		
20 7 SS 49 5.04 10.1	7 SS 20 5.15 10.0		
		8 SS 17 4.07 11.4	
25 8 SS 16 5.24 10.1	25 8 SS 24 5.98 10.7	-25 8 SS 17 17 4.07 11.4	
Hard pinkish gray SILTY CLAY, trace sand,			
	9 SS 32 6.39 10.7	30.0 9 SS 25 4.85 11.9	
		END OF BORING	
-35 10 SS 22 5.77 10.0	530.0	[
530.4	Medium dense gray SANDY SILT, trace gravel (moist) 38.5		
Hard gray CLAYEY Sil.T, some sand, trace 40 11 SS 47 4.5+P 9.2	Medium dense to very dense gray fine 11 SS 18 23.2		
gravel	SAND (wet)		
Drilled By GROFF Checked JAC TE/ WATER LEVELS		Drilled By GROFF Checked JAC TR/ WATER LEVELS	
Drilled By GROFF Checked JAC TE WATER LEVELS Inspector Soring Started 9/22/04 Soring Sta	Inspector While Drilling 38 5' (526.0)	Inspector While Driffling NONE Boring Started 9/22/04 I On Completion NONE	
Boring Completed 9/22/04 After Hours BACKFILLED	Boring Started 9/23/04		
		The second secon	· · · · · · · · · · · · · · · · · · ·
testing engineers, inc. 1417 CHICAGO AVE., P.O.B.IX 548 DIXON, ILLINOIS 81021 PHONE 810208-1499	testing engineers, inc. 1417 CHICAGO AVE., P.O.BOX 549 DOXON, BLANCIS 81021 PHONE 815288-1489	testing engineers, inc. 1417 CHCAGO AVEL, P.O.BOX 546 DIXON, ILLINOIS 61021 PHONE 8192286-1469	
TESUING ETIGINEETS, ITIC. 2447 N. CENTRAL AVENUE ROCKFORD, LUNOIS \$1101 PHONE \$15964-8030 PHONE \$15964	TOSHING CHILDHOLD S, HEC. 2447 N. CENTRAL AVENUE ROCKFORD, ILLNOIG 61101 PHONE 615994-8000 FROMTH CHIRDHOLD SHE	EDSUITING CHIGHTEETS, ITIC. 2447 N. CENTRAL AVENUE ROCKFORD, LLINOIS 61101 PHONE 916964-9030 PROMISE TESTING AND REPORTS MATERIAL TESTING AND REPORTS SOIL SUPPREYS AND AVAILYSIS	
TOUGHTON DERINGS NO REPORTS FOUNDATION DERINGS NO REPORTS MITERAL TESTING AND REPORTS SOL SURVEYS AND ANALYSIS LOG OF BORING NO. B1	FOLIADITION DEFINIS AND REPORTS MATERIAL TESTING AND REPORTS SOIL SURVEYS AND ANALYSIS LOG OF BORING NO	FOUNDATIONS OF BENTILE AVENUE ROCKFORD, LLANGIS \$1101 PHONE \$16984-9030 FOUNDATIONS OF REPORTS MATERIAL TESTING AND REPORTS SOIL BURKVEYS AND ANALYSIS LOG OF BORING NO. B4	
PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. JOB NO. 4868.01	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. JOB NO. 4868.01	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. JOB NO. 4868.01	
PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON TOWNSHIP ORDER NO	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON TOWNSHIP ORDER NO. 4868.01 OWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ORDER NO.	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-3R, PRINCETON R.D. JOB NO. 4868.01 OWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ORDER NO. —	
PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON TOWNSHIP ORDER NO	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON TOWNSHIP ORDER NO. 4868.01 OWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ORDER NO. 48C8.01 ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC.	PROJECT: PROPOSED BRIDGE, Se-20101-00-BR, PRINCETON R.D. JOB NO. 4868.01 OWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ORDER NO. ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC.	
TOURDATION BORNESS AND REPORTS FOUNDATION BORNESS AND REPORTS SOIL SURVEYS AND ANALYSIS LOG OF BORING NO. B1 PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. JOB NO. 4868.01 OWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ORDER NO. ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC. LOCATION: SE 1/4 OF SEC. 7, T16N, R9E OF THE 4TH P.M.; BUREAU COUNTY, ILLINOIS	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. DVNRER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ORDER NO. ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC.	TOURING CHIGHTEETS, TITC. 2447 IL CENTRAL AVENUE ROCKPORGLILIANDS \$1101 PHONE \$16964-8000 PHONE \$16964	
PROJUCTION DERIVERS OR REPORTS FOUNDATION DERIVERS OR REPORTS SOL SURVINETS AND ARRANTS LOG OF BORING NO. B1 PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. JOB NO. 4868.01 OWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ORDER NO. ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC. LOCATION: SE 1/4 OF SEC. 7, T16N, R9E OF THE 4TH P.M.; BUREAU COUNTY, ILLINOIS BORING LOCATED 15' LEFT OF STATION 14+19	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON TOWNSHIP ORDER NO. 4868.01 OWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ORDER NO. 48C8.01 ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC.	PROJECT: PROPOSED BRIDGE, Se-20101-00-BR, PRINCETON R.D. JOB NO. 4868.01 OWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ORDER NO. ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC.	
PROJUCTION DRIVENS AND REPORTS FOUNDATION DRIVENS AND REPORTS SOL REPORTS AND REPORTS AND REPORTS AND REPORTS AND REPORTS SOL REPORTS AND	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON TOWNSHIP ORDER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC. LOCATION: SE 1/4 OF SEC. 7, T16N, R9E OF THE 4TH P.M.; BUREAU COUNTY, ILLINOIS BORING LOCATED 25' LEFT OF STATION 13+10 DATUM: B.M. = CHISELED SQUARE ON SE WINGWALL OF EXISTING STRUCTURE; ELEVATION = 582.17	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-9R, PRINCETON R.D. JOB NO. 4868.01 OWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ORDER NO. ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC. LOCATION: CITY BRUSH PIT SITE AT NE CORNER OF EPPERSON ROAD AND RAILROAD AVENUE PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-9R, PRINCETON R.D. JOB NO. 4868.01 OWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ORDER NO. ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC. LOCATION: CITY BRUSH PIT SITE AT NE CORNER OF EPPERSON ROAD AND RAILROAD AVENUE PRINCETON, ILLINOIS; BORING LOCATED 60'N & 300' E OF BRUSH PIT ENTRANCE DATUM: NONE	
PROJUCTION OF REPORTS FOUNDATION DEFINED AND REPORTS SOL SUPPORTS SOL	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. DIVERSE BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC. LOCATION: SE 1/4 OF SEC. 7, T18N, RSE OF THE 4TH P.M.; BUREAU COUNTY, ILLINOIS BORING LOCATED 25 LEFT OF STATION 13+10 DATUM: B.M. = CHISELED SQUARE ON SE WINGWALL OF EXISTING STRUCTURE; ELEVATION = 582.17	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-9R, PRINCETON R.D. JOB NO. 4868.01 PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-9R, PRINCETON R.D. JOB NO. 4868.01 OWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC. LOCATION: CITY BRUSH PIT SITE AT NE CORNER OF EPPERSON ROAD AND RAILROAD AVENUE PRINCETON, ILLINOIS; BORING LOCATED 60' N & 300' E OF BRUSH PIT ENTRANCE DATUM: NONE	
PROJUCTION SORRISH AND REPORTS SOL SURVIVEYS AND ANALYSIS LOG OF BORING NO. B1 PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. JOB NO. 4868.01 OWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ORDER NO. ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC. LOCATION: SE 1/4 OF SEC. 7, T16N, R9E OF THE 4TH P.M.; BUREAU COUNTY, ILLINOIS BORING LOCATED 15' LEFT OF STATION 14+19 DATUM: B.M. = CHISELED SQUARE ON SE WINGWALL OF EXISTING STRUCTURE: ELEVATION = 582.17 ELEV. SOIL DESCRIPTION DEPTH NO. TYPE OF W% Hard gray CLAYEY SILT, some sand, trace	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON TOWNSHIP ORDER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC. LOCATION: SE 1/4 OF SEC. 7, T16N, R9E OF THE 4TH P.M.; BUREAU COUNTY, ILLINOIS BORING LOCATED 25' LEFT OF STATION 13+10 DATUM: B.M. = CHISELED SQUARE ON SE WINGWALL OF EXISTING STRUCTURE; ELEVATION = 582.17	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. JOB NO. 4868.01 PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. JOB NO. 4868.01 OWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ORDER NO. ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC. LOCATION: CITY BRUSH PIT SITE AT NE CORNER OF EPPERSON ROAD AND RAILROAD AVENUE PRINCETON, ILLINOIS: BORING LOCATED 60'N & 300' E OF BRUSH PIT ENTRANCE DATUM: NONE ELEV. SOIL DESCRIPTION DEPTH SAMPLE 1: UN Qu w% NO. TYPE 2 EV N Qu w%	
PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON TOWNSHIP PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. JOB NO. 4868.01 OWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC. LOCATION: SE 1/4 OF SEC. 7, T16N, R9E OF THE 4TH P.M.; BUREAU COUNTY, ILLINOIS BORING LOCATED 15' LEFT OF STATION 14+19 DATUM: B.M. = CHISELED SQUARE ON SE WINGWALL OF EXISTING STRUCTURE; ELEVATION = 582.17 ELEV. SOIL DESCRIPTION DEPTH SAMPLE 15' DI N Q ₀ w% Continued from Steed: Herd gray CLAYEY SILT, some sand, trace 140 Hard gray CLAYEY SILT, some sand, trace 141 141 152 163 175 176 177 177 177 177 177 177	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. DOWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC. LOCATION SE 1/4 OF SEC. 7, TIGN, RISE OF THE 4TH P.M.; BUREAU COUNTY, ILLINOIS BORING LOCATED 25 LEFT OF STATION 13+10 DATUM: B.M. = CHISELED SQUARE ON SE WINGWALL OF EXISTING STRUCTURE; ELEVATION = 582.17 ELEV. SOIL DESCRIPTION DEPTH NO. TYPE O EV.	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-9R, PRINCETON R.D. JOB NO. 4868.01 PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-9R, PRINCETON R.D. JOB NO. 4868.01 OWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ORDER NO. ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC. LOCATION: CITY BRUSH PIT SITE AT NE CORNER OF EPPERSON ROAD AND RAILROAD AVENUE PRINCETON, ILLINOIS; BORING LOCATED 60'N & 300'E OF BRUSH PIT ENTRANCE DATUM: NONE ELEV. SOIL DESCRIPTION DEPTH SAMPLE 15 U N Qu W% Medium dense to loose brown Sil.T. trace 2 S S R 1 131 23.7	
PROJUCTION DENIES AND REPORTS FOUNDATION DENIES AND REPORTS SOL SURVINETS AND ARRANGES LOG OF BORING NO. B1 PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. JOB NO. 4868.01 OWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ORDER NO. ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC. LOCATION: SE 1/4 OF SEC. 7, T16N, R9E OF THE 4TH P.M.; BUREAU COUNTY, ILLINOIS BORING LOCATED 15' LEFT OF STATION 14+19 DATUM: B.M. = CHISELED SQUARE ON SE WINGWALL OF EXISTING STRUCTURE: ELEVATION = 582.17 ELEV. SOIL DESCRIPTION DEPTH NO. TYPE OF W% Continued from Sheet 1 Hard gray CLAYEY SILT, some sand, trace	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON TOWNSHIP ORDER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC. LOCATION: SE 1/4 OF SEC. 7, T16N, R9E OF THE 4TH P.M.; BUREAU COUNTY, ILLINOIS BORING LOCATED 25' LEFT OF STATION 13+10 DATUM: B.M. = CHISELED SQUARE ON SE WINGWALL OF EXISTING STRUCTURE; ELEVATION = 582.17	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-9R, PRINCETON R.D. JOB NO. 4868.01 PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-9R, PRINCETON R.D. JOB NO. 4868.01 OWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ORDER NO. ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC. LOCATION: CITY BRUSH PIT SITE AT NE CORNER OF EPPERSON ROAD AND RAILROAD AVENUE PRINCETON, ILLINOIS; BORING LOCATED 60'N & 300'E OF BRUSH PIT ENTRANCE DATUM: NONE ELEV. SOIL DESCRIPTION DEPTH SAMPLE 15 U N Qu W% Medium dense to loose brown Sil.T. trace 2 S S R 1 131 23.7	
PROJUCTION DENINGS AND REPORTS FOUNDATION DENINGS AND REPORTS SOL BURNINGS AND REPORTS SOL BURNI	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. JOB NO. 4868.01 PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. JOB NO. 4868.01 OWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ORDER NO. ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC. LOCATION: SE 1/4 OF SEC. 7, T16N, R9E OF THE 4TH P.M.; BUREAU COUNTY, ILLINOIS BORING LOCATED 25 LEFT OF STATION 13+10 DATUM: B.M. = CHISELED SQUARE ON SE WINGWALL OF EXISTING STRUCTURE; ELEVATION = 582.17 ELEV. SOIL DESCRIPTION DEPTH NO. TYPE ON Qu W/6 Medium dense to very dense gray fine 45 12 SS 55 55	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-9R, PRINCETON R.D. JOB NO. 4868.01 PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-9R, PRINCETON R.D. JOB NO. 4868.01 OWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ORDER NO. ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC. LOCATION: CITY BRUSH PIT SITE AT NE CORNER OF EPPERSON ROAD AND RAILROAD AVENUE PRINCETON, ILLINOIS; BORING LOCATED 60'N & 300'E OF BRUSH PIT ENTRANCE DATUM: NONE ELEV. SOIL DESCRIPTION DEPTH SAMPLE 15 U N Qu W% Medium dense to loose brown Sil.T. trace 2 S S R 1 131 23.7	
DESCRIPTION DEPTH NO.	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. DOWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ARCHITECT-ENGINEER: WILLETT, HORNANN & ASSOCIATES, INC. LOCATION: SE 1/4 OF SEC. 7, T16N, R9E OF THE 4TH P.M.; BUREAU COUNTY, ILLINOIS BORING LOCATED 25' LEFT OF STATION 13+10 DATUM: B.M. = CHISELED SQUARE ON SE WINGWALL OF EXISTING STRUCTURE; ELEVATION = 582.17 ELEV. SOIL DESCRIPTION DEPTH SAMPLE 15 00 N Qu W%6 Medium dense to very dense gray fine SAND (wet) 45 514.5 514.5 50.0 13 SS 55 52	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-9R, PRINCETON R.D. JOB NO. 4868.01 PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-9R, PRINCETON R.D. JOB NO. 4868.01 OWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ORDER NO. ARCHITECT-ENGINEER: WILLETT, NOFMANN & ASSOCIATES, INC. LOCATION: CITY BRUSH PIT SITE AT NE CORNER OF EPPERSON ROAD AND RAILROAD AVENUE PRINCETON, ILLINOIS; BORING LOCATED 60'N & 300'E OF BRUSH PIT ENTRANCE DATUM: MONE ELEV. SOIL DESCRIPTION DEPTH SAMPLE 1: US N Qu W% Medium dense to loose brown Sil.T, trace fine sand, trace clay; seam of saturated fine 5 2 SS 8 6 1.31 23.7 sand at 9.0' (wet below 4.5') 3 SS 6 0.97 23.9	
TOURDATION BORNESS AND REPORTS SOL REPORTS DESCRIPTION DEPTH SAMPLE SOL REPORTS SAMPLE SOL REPORTS SAMPLE SOL REPORTS SOL REPORTS SOL REPORTS SOL REPORTS SOL REPORTS SAMPLE SOL REPORTS SAMPLE SOL REPORTS SOL REPORTS SAMPLE SOL REPORTS SOL REP	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. DOWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC. LOCATION: SE 1/4 OF SEC. 7, T18N, R9E OF THE 4TH P.M.; BUREAU COUNTY, ILLINOIS BORING LOCATED 25' LEFT OF STATION 13+10 DATUM: B.M. = CHISELED SQUARE ON SE WINGWALL OF EXISTING STRUCTURE; ELEVATION = 582.17 ELEV. SOIL DESCRIPTION DEPTH SAMPLE 50 0 N Qu W% Medium dense to very dense gray fine Medium dense to very dense gray fine Medium dense to very dense gray fine 45 12 SS 56 56	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. JOB NO. 4868.01 PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. JOB NO. 4868.01 OWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ARCHITECT-ENGINEER; WILLETT, HOFMANN & ASSOCIATES, INC. LOCATION: CITY BRUSH PIT SITE AT NE CORNER OF EPPERSON ROAD AND RAILROAD AVENUE PRINCETON, ILLINOIS; BORING LOCATED 60' N & 300' E OF BRUSH PIT ENTRANCE DATUM: NONE ELEV. SOIL DESCRIPTION DEPTH SAMPLE 15 0 N Qu w% Modilum dense to loose brown SiLT, trace fine sand, trace clay; seam of saturated fine sand at 9.0' (wet below 4.5') Silf gray SiLTY CLAY, seams of gray 11.0 5 SS 5 1.55 23.6	
DESCRIPTION DEPTH NO.	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. DOWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ARCHITECT-ENGINEER: WILLETT, HORNANN & ASSOCIATES, INC. LOCATION: SE 1/4 OF SEC. 7, T16N, R9E OF THE 4TH P.M.; BUREAU COUNTY, ILLINOIS BORING LOCATED 25' LEFT OF STATION 13+10 DATUM: B.M. = CHISELED SQUARE ON SE WINGWALL OF EXISTING STRUCTURE; ELEVATION = 582.17 ELEV. SOIL DESCRIPTION DEPTH SAMPLE 15 00 N Qu W%6 Medium dense to very dense gray fine SAND (wet) 45 514.5 514.5 50.0 13 SS 55 52	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. JOB NO. 4868.01 PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. JOB NO. 4868.01 OWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC. LOCATION: CITY BRUSH PIT SITE AT NE CORNER OF EPPERSON ROAD AND RAILROAD AVENUE PRINCETON, ILLINOIS; BORING LOCATED 60' N & 300' E OF BRUSH PIT ENTRANCE DATUM: NONE ELEV. SOIL DESCRIPTION DEPTH SAMPLE 1: U N Qu W% Modium dense to loose brown Sil.T, trace fine sand, trace clay; seam of saturated fine sand at 9.0' (wet below -4.5') SIIff gray Sil.TY CLAY, seams of gray Justurated silt Medium dense gray SAND and GRAVEL,	
LOSING PRIGHT STORE PHONE \$15964 6030 PH	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. DOWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ARCHITECT-ENGINEER: WILLETT, HORNANN & ASSOCIATES, INC. LOCATION: SE 1/4 OF SEC. 7, T16N, R9E OF THE 4TH P.M.; BUREAU COUNTY, ILLINOIS BORING LOCATED 25' LEFT OF STATION 13+10 DATUM: B.M. = CHISELED SQUARE ON SE WINGWALL OF EXISTING STRUCTURE; ELEVATION = 582.17 ELEV. SOIL DESCRIPTION DEPTH SAMPLE 15 00 N Qu W%6 Medium dense to very dense gray fine SAND (wet) 45 514.5 514.5 50.0 13 SS 55 52	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. JOB NO. 4868.01 PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. JOB NO. 4868.01 OWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC. LOCATION: CITY BRUSH PIT SITE AT NE CORNER OF EPPERSON ROAD AND RAILROAD AVENUE PRINCETON, ILLINOIS; BORING LOCATED 60' N & 300' E OF BRUSH PIT ENTRANCE DATUM: NONE ELEV. SOIL DESCRIPTION DEPTH SAMPLE 1: U N Qu W% Modium dense to loose brown Sil.T, trace fine sand, trace clay; seam of saturated fine sand at 9.0' (wet below -4.5') SIIff gray Sil.TY CLAY, seams of gray assuranted alit Medium dense gray SAND and GRAVEL, Trace clay 18.5	
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TOURDATION BORNESS AND REPORTS FOUNDATION BORNESS AND REPORTS SOL REPORTS	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. DOWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ARCHITECT-ENGINEER: WILLETT, HORNANN & ASSOCIATES, INC. LOCATION: SE 1/4 OF SEC. 7, T16N, R9E OF THE 4TH P.M.; BUREAU COUNTY, ILLINOIS BORING LOCATED 25' LEFT OF STATION 13+10 DATUM: B.M. = CHISELED SQUARE ON SE WINGWALL OF EXISTING STRUCTURE; ELEVATION = 582.17 ELEV. SOIL DESCRIPTION DEPTH SAMPLE 15 00 N Qu W%6 Medium dense to very dense gray fine SAND (wet) 45 514.5 514.5 50.0 13 SS 55 52	ROUNDINGS AND REPORTS SOLUTION CONTROL TESTING AND REPORTS SOLUTIONS CONTROL THE SOLUTION CONTROL TO TOWNSHIP ORDER NO. ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC. LOCATION: CITY BRUSH PIT SITE AT NE CORNER OF EPPERSON ROAD AND RAILROAD AVENUE PRINCETON, ILLINOIS; BORING LOCATED 60'N & 300'E OF BRUSH PIT ENTRANCE DATUM: MONE ELEV. SOIL DESCRIPTION DEPTH SAMPLE 15 05 N Qu w% Medium dense to loose brown Sil.T, trace fire sand, trace clay; seam of saturated fine 5 2 SS 8 8 1.31 23.7 Sand at 9.0' (wet below 4.5') 3 SS 8 11 1 1.0 P 21.6 Silff gray Sil.TY CLAY, seams of gray subtracted alit 14.5 6 SS 11 1 1.55 23.6 Hard to very stiff pinkish gray Sil.TY CLAY, 18.5 T SS 11.7 5.43 11.4 Hard to very stiff pinkish gray Sil.TY CLAY, 18.5 T SS 11.7 5.43 11.4	
TOURDATION BORNESS AND REPORTS FOUNDATION BORNESS AND REPORTS SOL REPORTS	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. DOWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ARCHITECT-ENGINEER: WILLETT, HORNANN & ASSOCIATES, INC. LOCATION: SE 1/4 OF SEC. 7, T16N, R9E OF THE 4TH P.M.; BUREAU COUNTY, ILLINOIS BORING LOCATED 25' LEFT OF STATION 13+10 DATUM: B.M. = CHISELED SQUARE ON SE WINGWALL OF EXISTING STRUCTURE; ELEVATION = 582.17 ELEV. SOIL DESCRIPTION DEPTH SAMPLE 15 00 N Qu W%6 Medium dense to very dense gray fine SAND (wet) 45 514.5 514.5 50.0 13 SS 55 52	EURING COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. JOB NO. 4868.01 OWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC. LOCATION: CITY BRUSH PIT SITE AT NE CORNER OF EPPERSON ROAD AND RAILROAD AVENUE PRINCETON, ILLINOIS: BORING LOCATED 60' N & 300' E OF BRUSH PIT ENTRANCE DATUM: NONE ELEV. SOIL DESCRIPTION DEPTH NO. TYPE D U N Qu w% Medium dense to loose brown SiLT, trace fine sand, trace clay; seam of saturated fine sand at -9.0' (wet below -4.5') SIFf gray SILTY CLAY, seams of gray subtrarted silt Medium dense gray SAND and GRAVEL, trace clay Hard to very stiff pinkish gray SILTY CLAY, trace sand, trace gravel Hard to very stiff pinkish gray SILTY CLAY, trace sand, trace gravel	
TOURDATION BORNESS AND REPORTS FOUNDATION BORNESS AND REPORTS SOL REPORTS	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. DOWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ARCHITECT-ENGINEER: WILLETT, HORNANN & ASSOCIATES, INC. LOCATION: SE 1/4 OF SEC. 7, T16N, R9E OF THE 4TH P.M.; BUREAU COUNTY, ILLINOIS BORING LOCATED 25' LEFT OF STATION 13+10 DATUM: B.M. = CHISELED SQUARE ON SE WINGWALL OF EXISTING STRUCTURE; ELEVATION = 582.17 ELEV. SOIL DESCRIPTION DEPTH SAMPLE 15 00 N Qu W%6 Medium dense to very dense gray fine SAND (wet) 45 514.5 514.5 50.0 13 SS 55 52	CONTINUE OF COUNTY CONTINU	
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LOS OF BORING NO. B1 PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. OWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON T.C.WINSHIP ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC. LOCATION: SE 1/4 OF SEC. 7, THISN, ROE OF THE 4TH P.M.; BUREAU COUNTY, ILLINOIS BORING LOCATED 15 LEFT OF STATION 14-19 DATUM: B.M. = CHISELED SQUARE ON SE WINGWALL OF EXISTING STRUCTURE; ELEVATION = 582.17 ELEV. SOIL DESCRIPTION DEPTH SAMPLE S S S N Q N N Q W% Combined Stom Sheet 1 Hard gray CLAYEY SILT, some sand, trace 143.5 12 SS 14 SS 15 SS N S SS	PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. DOWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ARCHITECT-ENGINEER: WILLETT, HORNANN & ASSOCIATES, INC. LOCATION: SE 1/4 OF SEC. 7, T16N, R9E OF THE 4TH P.M.; BUREAU COUNTY, ILLINOIS BORING LOCATED 25' LEFT OF STATION 13+10 DATUM: B.M. = CHISELED SQUARE ON SE WINGWALL OF EXISTING STRUCTURE; ELEVATION = 582.17 ELEV. SOIL DESCRIPTION DEPTH SAMPLE 15 00 N Qu W%6 Medium dense to very dense gray fine SAND (wet) 45 514.5 514.5 50.0 13 SS 55 52	CONTINUE OF COUNTY CONTINU	SECTION 98-20101-00-BR
TOURING DEPTH PROPERTY BY THE	TOUGH DETERMINED AND REPORTS LOG OF BORING NO. B2 PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. JOB NO. 4868.01 OWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ORDER NO. ARCHITECT-RIGINEER: WILLETT, HOPMANN & ASSOCIATES, INC. LOCATION: SE 1/4 OF SEC. 7, T16N, R9E OF THE 4TH P.M.; BUREAU COUNTY, ILLINOIS BORING LOCATED 25 LEFT OF STATION 139-10 DATUM: B.M. = CHISELED SQUARE ON SE WINGWALL OF EXISTING STRUCTURE; ELEVATION = 582.17 ELEV. Solid DESCRIPTION DEPTH SAMPLE 15 Q N N Q, W% Ontified the Bread 1 - 40 Medium dense to very dense gray fine SAND (wet) SOLO F BORING DHIBM BY GROFF Checked JAC TE	Description	SECTION 98-20101-00-BR T.R. 245 OVER BIG BUREAU CREEK
TOURING DEPTH PROPERTY SHOWS AND THE STATION TO THE STATION AND THE STATION AN	TOURDATION DETRIES AND REPORTS LOG OF BORING NO. B2 PROJECT: PROPOSED BRIDGE, SEC. 98-20101-00-BR, PRINCETON R.D. JOB NO. 4868.01 OWNER: BUREAU COUNTY HIGHWAY DEPT. / PRINCETON TOWNSHIP ORDER NO. ARCHITECT-ENGINEER: WILLETT, HOFMANN & ASSOCIATES, INC. LOCATION'S E 14 OF SEC. 7, T16N, R9E OF THE 4TH P.M.; BUREAU COUNTY, ILLINOIS BORING LOCATED 25 LEFT OF STATION 139-10 DATUM: B.M.: CHISELED SOUARE ON SE WINGWALL OF EXISTING STRUCTURE; ELEVATION = 582-17 ELEV. SOIL DESCRIPTION DEPTH SAMPLE 15 00 N Q, w% Medium dense to very dense gray fine 45 SAND (vvet) S14.5* END OF BORING 13 SS \$ 52	Description	SECTION 98-20101-00-BR