

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 351	3277R	COOK	66	48
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	
Contract No. 62206				

BORING NO. W-4

Everest Engineering Company  
STRUCTURE BORING LOG

Page 1 of 2  
Date 9/29/01

ROUTE U.S. 6 DESCRIPTION U.S. ROUTE 6 FROM I-294 TO ILLINOIS ROUTE 1  
SECT. \_\_\_\_\_ STRUCT. NO. 016-2755 DRILLED BY PATRICK DRILLING  
COUNTY COOK LOCATION S. SIDEWALK EAST OF BRIDGE S. 17 TWP. 36 N. R. 12 E

Boring No. W-4 Core Type NA Surface Water Elev. \_\_\_\_\_  
Station 92+15.88 Core Diameter \_\_\_\_\_ Groundwater Elev. \_\_\_\_\_  
Offset 25.00R RT Core Length \_\_\_\_\_ when drilling \_\_\_\_\_  
Surface Elev. 602.00 ft. \_\_\_\_\_ after \_\_\_\_\_ Hrs. \_\_\_\_\_

DEPTH (ft)	SOIL DESCRIPTION	QU (tsf)	W (%)
0-4	ASPHALT	4.53	14
4-11	Very Stiff to Hard, Brown and Gray SILTY CLAY traces - sand and gravel	B	
11-12			
12-14		3.13	11
14-15			
15-17			
17-25	Very Stiff to Hard, Gray SILTY CLAY LOAM traces - sand and gravel	3.25	10
25-26		P	
26-28			
28-30		4.5	11
30-35		P	
35-37			
37-38		2.62	13
38-39		S	
39-40			
40-41		2.62	12
41-42		S	
42-43			
43-45	Extremely Dense, Gray SILTY LOAM traces - sand and gravel		8
45-50			
50-52			14
52-53			
53-54			
54-55			
55-56			
56-57			
57-58			
58-59			
59-60			
60-61			
61-62			
62-63			
63-64			
64-65			
65-66			
66-67			
67-68			
68-69			
69-70			
70-71			
71-72			
72-73			
73-74			
74-75			
75-76			
76-77			
77-78			
78-79			
79-80			
80-81			
81-82			
82-83			
83-84			
84-85			
85-86			
86-87			
87-88			
88-89			
89-90			
90-91			
91-92			
92-93			
93-94			
94-95			
95-96			
96-97			
97-98			
98-99			
99-100			
100-101			
101-102			
102-103			
103-104			
104-105			
105-106			
106-107			
107-108			
108-109			
109-110			
110-111			
111-112			
112-113			
113-114			
114-115			
115-116			
116-117			
117-118			
118-119			
119-120			
120-121			
121-122			
122-123			
123-124			
124-125			
125-126			
126-127			
127-128			
128-129			
129-130			
130-131			
131-132			
132-133			
133-134			
134-135			
135-136			
136-137			
137-138			
138-139			
139-140			
140-141			
141-142			
142-143			
143-144			
144-145			
145-146			
146-147			
147-148			
148-149			
149-150			
150-151			
151-152			
152-153			
153-154			
154-155			
155-156			
156-157			
157-158			
158-159			
159-160			
160-161			
161-162			
162-163			
163-164			
164-165			
165-166			
166-167			
167-168			
168-169			
169-170			
170-171			
171-172			
172-173			
173-174			
174-175			
175-176			
176-177			
177-178			
178-179			
179-180			
180-181			
181-182			
182-183			
183-184			
184-185			
185-186			
186-187			
187-188			
188-189			
189-190			
190-191			
191-192			
192-193			
193-194			
194-195			
195-196			
196-197			
197-198			
198-199			
199-200			

FOR ROCK CORES SEE PAGE 2

SPT: (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test  
Stations, Depths, Offset, and Elevations are in Feet

BORING NO. W-4

Everest Engineering Company  
STRUCTURE ROCK CORING LOG

Page 2 of 2  
Date 9/29/01

ROUTE U.S. 6 DESCRIPTION U.S. ROUTE 6 FROM I-294 TO ILLINOIS ROUTE 1  
SECT. \_\_\_\_\_ STRUCT. NO. 016-2755 DRILLED BY PATRICK DRILLING  
COUNTY COOK

Boring No. W-4 Core Type NX R R CORE COMP  
Station 92+15.88 Core Diameter 2 in. E . T T  
Offset 25.00R RT Core Length 20 ft. C Q T T  
Surface Elev. 602.00 ft. O V D M N  
H S  
E . E G  
R . Y H  
Y (Min/ft) (ft)

Top Elev. (ft)	Coring Notes and Rock Description	Core Run (ft)	(%)	(%)	(ft)	(ft)
582.00	DOLOMITE (RACINE FORMATION): Gray, massive, hard, fine grained, thick bedded, moderately fractured	1	95	94	3	1275.7
-24.0						1421.7
-30.0		2	100	98	3	
-35.0		3	100	100	3.5	
-40.0	END OF BORING					

Color pictures of the cores \_\_\_\_\_ YES \_\_\_\_\_  
Cores will be stored for examination until \_\_\_\_\_ DECEMBER, 2001 \_\_\_\_\_

SOIL BORINGS			
Date <u>3/27/06</u>	Designed _____	CN RAILROAD BRIDGE OVER U.S. 6 (159TH STREET) F.A.P. RTE. 351 SECTION 3277R COOK COUNTY STATION 92+24.25 STRUCTURE NO. 016-2754	Sheet No.
Revisions _____	Drawn <u>REZ</u>		30
_____	Checked _____		of 30
_____	Approved _____		
Prepared By: <b>URS</b>	3040 N. University Ave., Suite 1 Decatur, IL.		URS Job No. 36430825