

Grain Size Analysis

Job # 878237 Date: 09/28/2007
 Boring location: IDOT - MO Ave
 Boring #: TH - 1
 Sample depth: 73' - 75' Container # 6

	Dirty sample	Washed sample
Wt sample + tare	939.2	914.7
Tare wt	411.8	411.8
Wt Sample	527.4	502.9
Wt of sample washed past #200 sieve:		24.5

Sieve #	Sample wt + tare	Wt Retained	Wt Passing	% Passing
1				
3/4				
1/2				
3/8				
4				
6	412.2	0.4	527.0	99.9
8	412.4	0.2	526.8	99.9
16	412.9	0.5	526.3	99.8
30	419.9	7.0	519.3	98.5
50	632.8	212.9	306.4	58.1
100	853.6	220.8	85.6	16.2
200	913.9	60.3	25.3	4.8
PAN	914.7	0.8		

Grain Size Analysis

Job # 878237 Date: 09/28/2007
 Boring location: IDOT - MO Ave
 Boring #: TH - 1
 Sample depth: 78' - 80' Container # 1

	Dirty sample	Washed sample
Wt sample + tare	939.7	928.7
Tare wt	412.1	412.1
Wt Sample	527.6	516.6
Wt of sample washed past #200 sieve:		11.0

Sieve #	Sample wt + tare	Wt Retained	Wt Passing	% Passing
1				
3/4				
1/2				
3/8	419.0	6.9	520.7	98.7
4	424.7	5.7	515.0	97.6
6	434.8	10.1	504.9	95.7
8	439.1	4.3	500.6	94.9
16	445.1	6.0	494.6	93.7
30	481.7	36.6	458.0	86.8
50	782.1	300.4	157.6	29.9
100	913.4	131.3	26.3	5.0
200	928.5	15.1	11.2	2.1
PAN	928.7	0.2		

FILE NAME *
#FILE#

USER NAME * #USER#

DESIGNED - ---

REVISED - ---

DRAWN - ---

REVISED - ---

PLOT SCALE * #SCALE#

CHECKED - ---

REVISED - ---

PLOT DATE * #DATE#

DATE - ---

REVISED - ---

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES, INDEX OF SHEETS, HIGHWAY STANDARDS

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A.
RTE.

SECTION

COUNTY

TOTAL SHEET
SHEETS NO.

*

**

ST. CLAIR

7 71

FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT CONTRACT NO. 76C71

* VARIOUS ROUTES
** DISTRICT & DEEP WELLS 2009-2