

## Grain Size Analysis

Job # 878237 Date: 09/28/2007  
 Boring location: IDOT - MO Ave  
 Boring #: TH - 1  
 Sample depth: 33' - 35' Container # 12

	Dirty sample	Washed sample
Wt sample + tare	955.0	941.8
Tare wt	400.8	400.8
Wt Sample	554.2	541.0
Wt of sample washed past #200 sieve:		13.2

Sieve #	Sample wt + tare	Wt Retained	Wt Passing	% Passing
1				
3/4				
1/2				
3/8				
4	402.6	1.8	552.4	99.7
6	403.0	0.4	552.0	99.6
8	403.4	0.4	551.6	99.5
16	405.5	2.1	549.5	99.2
30	418.8	13.3	536.2	96.8
50	572.2	153.4	382.8	69.1
100	904.6	332.4	50.4	9.1
200	941.8	37.2	13.2	2.4
PAN	941.8	0.0		

## Grain Size Analysis

Job # 878237 Date: 09/28/2007  
 Boring location: IDOT - MO Ave  
 Boring #: TH - 1  
 Sample depth: 38' - 40' Container # 11

	Dirty sample	Washed sample
Wt sample + tare	1134.1	1126.1
Tare wt	411.1	411.1
Wt Sample	723.0	715.0
Wt of sample washed past #200 sieve:		8.0

Sieve #	Sample wt + tare	Wt Retained	Wt Passing	% Passing
1				
3/4				
1/2				
3/8	412.5	1.4	721.6	99.8
4	416.0	3.5	718.1	99.3
6	421.0	5.0	713.1	98.6
8	432.6	11.6	701.5	97.0
16	491.7	59.1	642.4	88.9
30	646.8	155.1	487.3	67.4
50	861.5	214.7	272.6	37.7
100	1078.8	217.3	55.3	7.6
200	1126.1	47.3	8.0	1.1
PAN	1126.1	0.0		

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 SHEETS	SHEET NO.
*	**	ST. CLAIR	7	7E
CONTRACT NO. 16G71			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT	

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