

Grain Size Analysis

Job # 878237 Date: 09/28/2007
 Boring location: IDOT - MO Ave
 Boring #: TH - 1
 Sample depth: 88' - 93' Container # 13

	Dirty sample	Washed sample
Wt sample + tare	1163.5	1159.6
Tare wt	400.1	400.1
Wt Sample	763.4	759.5
Wt of sample washed past #200 sieve:		3.9

Sieve #	Sample wt + tare	Wt Retained	Wt Passing	% Passing
1				
3/4				
1/2	423.2	23.1	740.3	97.0
3/8	444.6	21.4	718.9	94.2
4	628.1	183.5	535.4	70.1
6	724.8	96.7	438.7	57.5
8	821.7	96.9	341.8	44.8
16	962.3	140.6	201.2	26.4
30	1063.3	101.0	100.2	13.1
50	1146.0	82.7	17.5	2.3
100	1158.8	12.8	4.7	0.6
200	1159.6	0.8	3.9	0.5
PAN	1159.6	0.0		

Grain Size Analysis

Job # 878237 Date: 09/28/2007
 Boring location: IDOT - MO Ave
 Boring #: TH - 1
 Sample depth: 93' - 98' Container # 14

	Dirty sample	Washed sample
Wt sample + tare	1217.4	1214.4
Tare wt	414.3	414.3
Wt Sample	803.1	800.1
Wt of sample washed past #200 sieve:		3.0

Sieve #	Sample wt + tare	Wt Retained	Wt Passing	% Passing
1				
3/4				
1/2				
3/8	432.9	18.6	784.5	97.7
4	531.2	98.3	686.2	85.4
6	594.0	62.8	623.4	77.6
8	666.6	72.6	550.8	68.6
16	828.8	162.2	388.6	48.4
30	1050.6	221.8	166.8	20.8
50	1193.3	142.7	24.1	3.0
100	1213.3	20.0	4.1	0.5
200	1214.2	0.9	3.2	0.4
PAN	1214.4	0.2		

* VARIOUS ROUTES
 ** DISTRICT # DEPT WELLS 2006-2

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, INDEX OF SHEETS, HIGHWAY STANDARDS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN -	REVISED -		SCALE: _____	SHEET NO. _____ OF _____ SHEETS	ST. _____	TO STA. _____	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 16C21
		CHECKED -	REVISED -								
		DATE -	REVISED -								