

Grain Size Analysis

Job # 878237 Date: 09/28/2007
 Boring location: IDOT - MO Ave
 Boring #: TH - 1
 Sample depth: 83' - 85' Container # 2

	Dirty sample	Washed sample
Wt sample + tare	859.3	844.5
Tare wt	415.1	415.1
Wt Sample	444.2	429.4
Wt of sample washed past #200 sieve:		14.8

Sieve #	Sample wt + tare	Wt Retained	Wt Passing	% Passing
1				
3/4				
1/2	422.8	7.7	436.5	98.3
3/8	463.2	40.4	396.1	89.2
4	505.7	42.5	353.6	79.6
6	516.3	10.6	343.0	77.2
8	528.3	12.0	331.0	74.5
16	578.2	49.9	281.1	63.3
30	682.5	104.3	176.8	39.8
50	817.2	134.7	42.1	9.5
100	838.4	21.2	20.9	4.7
200	844.5	6.1	14.8	3.3
PAN	844.5	0.0		

Grain Size Analysis

Job # 878237 Date: 09/28/2007
 Boring location: IDOT - MO Ave
 Boring #: TH - 1
 Sample depth: 83' - 88' Container # 3

	Dirty sample	Washed sample
Wt sample + tare	1117.8	1112.9
Tare wt	413.0	413.0
Wt Sample	704.8	699.9
Wt of sample washed past #200 sieve:		4.9

Sieve #	Sample wt + tare	Wt Retained	Wt Passing	% Passing
1				
3/4				
1/2				
3/8	423.2	10.2	694.6	98.6
4	592.9	169.7	524.9	74.5
6	656.8	63.9	461.0	65.4
8	707.5	50.7	410.3	58.2
16	808.3	100.8	309.5	43.9
30	944.3	136.0	173.5	24.6
50	1089.3	145.0	28.5	4.0
100	1111.7	22.4	6.1	0.9
200	1112.9	1.2	4.9	0.7
PAN	1112.9	0.0		

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -
#FILE#		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.
*	**	SI. CLAIR	I	IJ
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 76C71

* VARIOUS ROUTES
** DISTRICT & DEEP WELLS 2005-2