

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	USER NAME	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#	#USER#	DRAWN	REVISED			*	**	ST. CLAIM	I	II	
		CHECKED	REVISED			SCALE: _____	SHEET NO. ___ OF ___ SHEETS	CONTRACT NO. 76C71			
		DATE	REVISED				TO STA. _____	FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT			