

MUNICIPAL TESTING LABORATORY, INC.

102 NEW SOUTH ROAD, HICKSVILLE NEW YORK, 11801 (516) 938-7120;FAX (516) 938-5107

www.municipaltestinglab.com email: municipal@municipaltestinglab.com

A FULL SERVICE LABORATORY AND ENGINEERING CONSULTANT; STEEL, CONCRETE, SOILS, ASPHALT & ALL BUILDING MATERIALS

LABORATORY REPORT

CLIENT: LIRO DATE-PLACED: 05/31/02
 PROJECT: W.T.C. Paving DATE-CORED: 06/10/02
 CALCULATIONS BY: M.Mathew TESTED: 06/14/02
 REPORT No. 9422 SPEC: NYCDDC

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BULK SPECIFIC GRAVITY OF COMPACTED MIXTURE**MAT CORES ASTM D-2726**

Thick- ness (in)	CORE NO.	WEIGHT - GRAMS			VOLUME CU.CM. (E1-E)=F	SPECIFIC GRAVITY Gmb D/F=G
		IN AIR	IN WATER	SAT-SUR. DRY		
		D	E	E1		
2.00	WB1	797.5	474.9	799.1	324.2	2.460
2.00	WB2	800.7	465.1	802.1	337.0	2.376
2.00	WB3	756.5	446.3	759.9	313.6	2.412
1.50	WB4	663.7	401.3	664.7	263.4	2.520
2.00	WB5	928.2	552.5	929.7	377.2	2.461
2.00	WB6	950.3	573	951	378	2.514
					0	NA
					0	NA

PAVEMENT DENSITY CALCULATIONS

CORE NO.	CORE BULK SPEC. GRAVITY ASTM D-2726 Gmb	SPECIFIC GRAVITY DESIGN MIX VALUE (PLANT SUPPLIED) Gmm	PERCENT COMPACTION (Gmb/Gmm) x100
WB1	2.460	2.583	95.2
WB2	2.376	2.583	92.0
WB3	2.412	2.583	93.4
WB4	2.520	2.583	97.6
WB5	2.461	2.583	95.3
WB6	2.514	2.583	97.3
0	NA	2.583	NA
0	NA	2.583	NA

ASPHALT CONTENT 5.03% WB4