

MUNICIPAL TESTING LABORATORY, INC.

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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