

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: 05/24/02

PROJECT: W.T.C. Paving

DATE-CORED: 06/10/02

CALCULATIONS BY: M.Mathew

TESTED: 06/14/02

REPORT No. 9420

SPEC: NYCDDC

Page 1 of 1

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		
0.75	ML1	373.1	220.9	374.6	153.7	2.427
1.75	ML2	811.9	487.1	812.5	325.4	2.495
2.00	ML3	896.3	535.2	897.0	361.8	2.477
1.75	L1	834.5	502.1	835.0	332.9	2.507
2.75	L2	1268.6	761.1	1269.5	508.4	2.495
1.00	L3	422	253.6	422.5	168.9	2.499
					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
ML1	2.427	2.628	92.4
ML2	2.495	2.628	94.9
ML3	2.477	2.628	94.3
L1	2.507	2.628	95.4
L2	2.495	2.628	94.9
L3	2.499	2.628	95.1
0	NA	2.628	NA
0	NA	2.628	NA

ASPHALT CONTENT 5.48% ML2