

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: 05/10/02

PROJECT: W.T.C. Paving

DATE-CORED: 06/11/02

CALCULATIONS BY: M.Mathew

TESTED: 06/14/02

REPORT No. 9423

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		
1.25	AL1	577.7	349.5	578.7	229.2	2.521
1.75	AL2	786.4	465.8	788.2	322.4	2.439
2.25	AL3	1008.1	598.8	1009.9	411.1	2.452
					0.0	NA
					0	NA
					0	NA
					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
AL1	2.521	2.628	95.9
AL2	2.439	2.628	92.8
AL3	2.452	2.628	93.3
0	NA	2.628	NA
0	NA	2.628	NA
0	NA	2.628	NA
0	NA	2.628	NA
0	NA	2.628	NA

ASPHALT CONTENT 4.88% AL2