

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: 06/11/02
 CALCULATIONS BY: M.Mathew TESTED: 06/14/02
 REPORT No. 9421 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		
2.50	E1	1071.7	617.4	1074.4	457.0	2.345
1.50	E2	562.6	332.6	563.9	231.3	2.432
1.75	E3	734.5	432.3	735.7	303.4	2.421
3.00	F1	1330.9	798.1	1331.6	533.5	2.495
2.00	F2	895.6	525	896.3	371.3	2.412
3.00	F3	1245.9	747.7	1247.1	499.4	2.495
1.75	HV1	818.7	483.5	819.6	336.1	2.436
					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
E1	2.345	2.628	89.2
E2	2.432	2.628	92.5
E3	2.421	2.628	92.1
F1	2.495	2.628	94.9
F2	2.412	2.628	91.8
F3	2.495	2.628	94.9
HV1	2.436	2.628	92.7
0	NA	2.628	NA

ASPHALT CONTENT 5.48% ML2