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

LABORATORY REPORT

CLIENT: LIRO DATE-PLACED: 05/29/02
 PROJECT : W.T.C. Paving DATE-CORED: 06/19/02
 CALCULATIONS BY: M.Mathew TESTED: 06/25/02
 REPORT No. 9468 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		
1.56	M1	653.4	375.5	654.2	278.7	2.344
1.44	M2	618.3	360.0	620.3	260.3	2.375
1.25	M3	540.0	322.8	540.8	218.0	2.477
					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
M1	2.344	2.575	91.0
M2	2.375	2.575	92.2
M3	2.477	2.575	96.2
0	NA	2.575	NA
0	NA	2.575	NA
0	NA	2.575	NA
0	NA	2.575	NA
0	NA	2.575	NA

ASPHALT CONTENT 5.53% Core ML2 (Report 9424)