NYC 9/11 Public Portal Document

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:** 05/06/02

PROJECT : W.T.C. Paving **DATE-CORED:** 05/10/02

CALCULATIONS BY: M.Mathew **TESTED:** 05/17/02

REPORT No. 9281 **SPEC:** NYCDDC

BULK SPECIFIC GRAVITY OF COMPACTED MIXTURE

MAT CORES ASTM D-2726

Thick-ness(in.)	CORE NO.	WEIGHT - GRAMS IN AIR D	IN WATER E	SAT-SUR. DRY E1	VOLUME CU.CM. (E1-E)=F	SPECIFIC GRAVITY Gmb D/F=G
1.18	H15	389.0	229.0	394.2	165.2	2.354
2.13	H16	1006.3	596.3	1011.7	415.4	2.422
2.00	H17	1034.7	617.6	1035.7	418.1	2.475
1.77	H18	719.8	429.3	725.8	296.5	2.428
1.85	H19	771.5	457.5	776.7	319.2	2.417
2.20	H20	888.3	529.2	893.3	364.1	2.440
2.36	H21	1044.9	629.4	1046.5	417.1	2.505
					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
H15	2.354	Gmm	ERR
H16	2.422	Gmm	ERR
H17	2.475	Gmm	ERR
H18	2.428	Gmm	ERR
H19	2.417	Gmm	ERR
H20	2.440	Gmm	ERR
H21	2.505	Gmm	ERR
	NA	Gmm	NA

PERCENT ASPHALT CONTENT ----7.2%

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