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:** 05/23/02

PROJECT : W.T.C. Paving **DATE-CORED:** 05/29/02

CALCULATIONS BY: M.Mathew **TESTED:** 06/04/02

REPORT No. 9365 **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
1.40	G01	642.1	380.1	643.7	263.6	2.436
1.85	G02	649.0	388.5	651.7	263.2	2.466
1.45	G03	543.9	326.6	545.3	218.7	2.487
1.50	SP1	556.1	327.1	565.1	238.0	2.337
2.00	SP2	682.1	409.2	683.5	274.3	2.487
1.20	SP3	456.2	275	458.7	183.7	2.483
					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
G01	2.436	2.630	92.6
G02	2.466	2.630	93.8
G03	2.487	2.630	94.6
SP1	2.337	2.630	88.9
SP2	2.487	2.630	94.6
SP3	2.483	2.630	94.4
0	NA	2.630	NA
0	NA	2.630	NA

ASPHALT CONTENT 5.30% SP2

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LABORATORY REPORT

CLIENT: LIRO **DATE-PLACED:** 05/20/02

PROJECT : W.T.C. Paving **DATE-CORED:** 05/29/02

CALCULATIONS BY: M.Mathew **TESTED:** 06/04/02

REPORT No. 9365 **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
2.60	FL7	813.0	493.5	814.0	320.5	2.537
2.40	FL8	1011.7	601.1	1041.5	440.4	2.297
2.60	FL9	556.1	327.1	565.1	238.0	2.337
1.60	W9	546.9	319.8	550.5	230.7	2.371
1.20	H12	547.7	329.4	549.7	220.3	2.486
					0	NA
0.00					0	NA
0					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
FL7	2.537	2.630	96.5
FL8	2.297	2.630	87.3
FL9	2.337	2.630	88.9
W9	2.371	2.630	90.2
H12	2.486	2.630	94.5
		2.630	0.0
0	NA	2.630	NA
0	NA	2.630	NA

ASPHALT CONTENT =5.5% CORE # FL 8

CORE # W9 PAVED ON 05/14/02 & CORED ON 06/03/02

CORE # H12 PAVED ON 05/06/02 &CORED ON 06/03/02

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