

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:** 05/28/02
PROJECT: W.T.C. Paving **DATE-CORED:** 06/17/02
CALCULATIONS BY: M.Mathew **TESTED:** 06/21/02
REPORT No. 9458 **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		
1.77	BPS1	804.3	475.6	805.6	330.0	2.437
2.56	BPS2	1162.5	698.2	1163.2	465.0	2.500
1.77	BPS3	733.5	435.7	734.8	299.1	2.452
2.84	BPS4	1290.8	780.1	1291.9	511.8	2.522
					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
BPS1	2.437	2.630	92.7
BPS2	2.500	2.630	95.1
BPS3	2.452	2.630	93.2
BPS4	2.522	2.630	95.9
0	NA	2.630	NA
0	NA	2.630	NA
0	NA	2.630	NA
0	NA	2.630	NA

ASPHALT CONTENT =5.21% (CORE # BPS4)

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Thick- ness(in.)	CORE NO. C	WEIGHT - GRAMS			VOLUME CU.CM. (E1-E)=F	SPECIFIC GRAVITY Gmb D/F=G
		IN AIR	IN WATER	SAT-SUR. DRY		
		D	E	E1		
1.58	BPN5	621.5	362.3	622.8	260.5	2.386
2.36	BPN6	1057.8	627.6	1058.7	431.1	2.454
1.85	BPN7	825.9	499.6	826.6	327.0	2.526
1.77	BPN8	855.9	507.6	856.5	348.9	2.453
1.85	BPN9	855.7	514.1	856.5	342.4	2.499
					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
BPN5	2.386	2.630	90.7
BPN6	2.454	2.630	93.3
BPN7	2.526	2.630	96.0
BPN8	2.453	2.630	93.3
BPN9	2.499	2.630	95.0
0	NA	2.630	NA
0	NA	2.630	NA
0	NA	2.630	NA

ASPHALT CONTENT = 5.21% (CORE # BPS4)