

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: 05/30/02

PROJECT : W.T.C. Paving

DATE-CORED: 06/04/02

CALCULATIONS BY: M.Mathew

TESTED: 06/06/02

REPORT No. 9366

SPEC: NYCDDC

Page 1 of 3

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		
2.60	GR1	1095.5	625.9	1103.5	477.6	2.294
2.40	GR2	1002.3	591.0	1004.7	413.7	2.423
2.40	GR3	1084.8	651.2	1085.9	434.7	2.496
2.40	GR4	962.4	572.3	963.7	391.4	2.459
2.10	GR5	895.1	531.5	896.5	365	2.452
3.14	GR6	1316.5	782.4	1318	535.6	2.458
					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
GR1	2.294	2.582	88.8
GR2	2.423	2.582	93.8
GR3	2.496	2.582	96.7
GR4	2.459	2.582	95.2
GR5	2.452	2.582	95.0
GR6	2.458	2.582	95.2
0	NA	2.582	NA
0	NA	2.582	NA

ASPHALT CONTENT 5.30% GR5

02.622022

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: 05/31/02

PROJECT: W.T.C. Paving

DATE-CORED: 06/04/02

CALCULATIONS BY: M.Mathew

TESTED: 06/06/02

REPORT No. 9366

SPEC: NYCDDC

Page 2 of 3

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		
1.22	B1	548.1	311.2	551.7	240.5	2.279
1.57	B2	726.5	421.3	729.1	307.8	2.360
2.00	B3	952.2	569.8	955.0	385.2	2.472
1.20	B4	598.4	357.4	599.7	242.3	2.470
2.00	B5	820.7	489.8	824.2	334.4	2.454
2.00	B6	851.8	498.5	856.9	358.4	2.377
					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
B1	2.279	2.583	88.2
B2	2.360	2.583	91.4
B3	2.472	2.583	95.7
B4	2.470	2.583	95.6
B5	2.454	2.583	95.0
B6	2.377	2.583	92.0
0	NA	2.583	NA
0	NA	2.583	NA

ASPHALT CONTENT =5.35 % CORE # B4

02.622023

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

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: 06/05/02
 CALCULATIONS BY: M.Mathew TESTED: 06/07/02
 REPORT No. 9366 SPEC: NYCDDC

Page 3 of 3

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		
1.14	H1R	451.3	266.4	455.3	188.9	2.389
1.65	H2R	782.9	465.7	784.6	318.9	2.455
1.30	H3R	535.1	313.1	539.1	226.0	2.368
2.72	H4R	1327.4	803.4	1329.1	525.7	2.525
1.65	H5R	765.5	464	768	304	2.518
1.50	H6R	629.9	370.6	633.8	263.2	2.393
					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
H1R	2.389	2.583	92.5
H2R	2.455	2.583	95.0
H3R	2.368	2.583	91.7
H4R	2.525	2.583	97.8
H5R	2.518	2.583	97.5
H6R	2.393	2.583	92.6
0	NA	2.583	NA
0	NA	2.583	NA

02.622024