

**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 &amp; ALL BUILDING MATERIALS

**LABORATORY REPORT**

CLIENT: LIRO

DATE-PLACED: 06/05/02

PROJECT : W.T.C. Paving

DATE-CORED: 06/16/02

CALCULATIONS BY: M.Mathew

TESTED: 06/21/02

REPORT No. 9462

SPEC: NYCDDC

Page 1 of 1

**BULK SPECIFIC GRAVITY OF COMPACTED MIXTURE****MAT CORES ASTM D-2726**

| Thick-<br>ness (in) | CORE<br>NO. | WEIGHT - GRAMS |             |                 | VOLUME<br>CU.CM.<br>(E1-E)=F | SPECIFIC<br>GRAVITY Gmb<br>D/F=G |
|---------------------|-------------|----------------|-------------|-----------------|------------------------------|----------------------------------|
|                     |             | IN<br>AIR      | IN<br>WATER | SAT-SUR.<br>DRY |                              |                                  |
|                     |             | D              | E           | E1              |                              |                                  |
| 1.57                | W5          | 692.0          | 413.1       | 694.6           | 281.5                        | 2.458                            |
| 1.57                | W6          | 707.3          | 426.2       | 707.9           | 281.7                        | 2.511                            |
|                     |             |                |             |                 | 0.0                          | NA                               |
|                     |             |                |             |                 | 0.0                          | NA                               |
|                     |             |                |             |                 | 0                            | NA                               |
|                     |             |                |             |                 | 0                            | NA                               |
|                     |             |                |             |                 | 0                            | NA                               |
|                     |             |                |             |                 | 0                            | NA                               |

**PAVEMENT DENSITY CALCULATIONS**

| CORE<br>NO. | CORE BULK SPEC.<br>GRAVITY<br>ASTM D-2726<br>Gmb | SPECIFIC GRAVITY<br>DESIGN MIX VALUE<br>(PLANT SUPPLIED)<br>Gmm | PERCENT<br>COMPACTION<br>(Gmb/Gmm)<br>x100 |
|-------------|--------------------------------------------------|-----------------------------------------------------------------|--------------------------------------------|
| W5          | 2.458                                            | 2.633                                                           | 93.4                                       |
| W6          | 2.511                                            | 2.633                                                           | 95.4                                       |
| 0           | NA                                               | 2.633                                                           | NA                                         |
| 0           | NA                                               | 2.633                                                           | NA                                         |
| 0           | NA                                               | 2.633                                                           | NA                                         |
| 0           | NA                                               | 2.633                                                           | NA                                         |
| 0           | NA                                               | 2.633                                                           | NA                                         |
| 0           | NA                                               | 2.633                                                           | NA                                         |

ASPHALT CONTENT = 5.09% (Core W5)