OMT085 2/2011 Design

Early Break

Acceptance   Other

MARYLAND STATE HIGHWAY ADMINISTRATION

**PORTLAND CEMENT CONCRETE TEST RESULTS**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **CONTRACT NO:** | |  | | **FAP NO:** | | |  | | | | **DATE PLACED:** | | | |  | | |
| **MIX DESIGN NO:** | | |  | | **PRODUCER / LOCATION:** | | | | |  | | | | | | | |
| **USE / LOCATION:** | | |  | | | **ITEM NO:** | |  | **Quantity of  Test Load** | | |  | **CY** | **Total Qty Represented by This Test** | |  | **CY** | |
| **(i.e. 8, 36 or 50 c.y.)** | | | | | | | | | | | | | | | | |

**FIELD TEST RESULTS – PLASTIC CONCRETE**

|  |  |  |
| --- | --- | --- |
| **LOAD TICKET NO:** |  | **STANDARD/CURED ACCEPTANCE CYLINDERS (28 DAY)**  **AFTER MOLDING: SPECIMENS IMMEDIATELY MOVED TO   STORAGE AND UNDISTURBED FOR INITIAL CURING**  **INITIAL CURING: SPECIMENS WERE STORED AT 60 TO 80 ºF   IN MOIST CONDITION FOR UP TO 48 HRS**  **FINAL CURING: AFTER COMPLETION OF INITIAL CURING   AND WITHIN 30 MIN. AFTER REMOVING MOLDS, SPECIMENS   WERE SUBMERGED IN SATURATED LIME WATER TANKS AT   73 ± 3 ºF OR DELIVERED TO LABORATORY**  ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~  **NOTE: SPECIMENS NOT FOR ACCEPTANCE (Early Breaks):   STORE IN OR ON THE STRUCTURE AND PROVIDE THEM THE SAME  TEMPERATURE AND MOISTURE ENVIRONMENT AS THE STRUCTURE  DELIVER TO LAB WITHIN 24 HRS OF REQUESTED TEST AGE** |
| **WATER CEMENT RATIO** |  |  |
| **SLUMP (Inches)**  **(AASHTO T-119)** | **Test 1:** **Test 2:** |  |
| **AIR CONTENT (%)**  **(AASHTO T-152 or T-196)** | **Test 1:      Test 2:** |  |
| **AIR TEMPERATURE** |  |  |
| **CONCRETE TEMPERATURE**  **(ASTM C-1064)** |  |  |
| **CYLINDER NUMBERS** |  |  |
| **DATE STRIPPED** |  |  |
| **CURING METHOD**  **(AASHTO T-23)** |  | **RESULTS OF FIELD TESTS**  **MEETS SPECIFICATIONS**  **DOES NOT MEET SPECIFICATIONS**  **SIGNED:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(Project Engineer / Rep) |
| **MOLDED BY** |  |  |
| **FIELD REMARKS / RESOLUTIONS:** | |  |
|  | | |

**LAB TEST RESULTS – HARDENED CONCRETE**

**AASHTO T-22**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CYLINDER #** | **BIN #** | **DATE TESTED** | **AGE**  **(DAYS)** | **STRENGTH**  **PSI** | **DATE RECEIVED:**      **LAB REMARKS:** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  | **RESULTS OF LAB TESTS**  **MEETS SPECIFICATIONS**  **DOES NOT MEET SPECIFICATIONS**  **SIGNED:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(OMT/CTD Engineer / Rep) |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

DISTRIBUTION: PROJECT ENGINEER / PRODUCER / REGIONAL FILE (Original)