**Wisconsin Department of Transportation**

Materials Lab Testing System

Concrete **BEAM** Tests

Report Number: #133-\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |
| --- | --- |
| Project I.D.:      | Project Location:      |
| Project Name:      | Date Cast: |       /      /        | Cast By: (Full Name Req’d)      |
| Beam Type: Check Only One |  | Date Received: |        /      /       |
| [ ]  Acceptnce |  [ ]  QMP/Companion | [ ]  QMP/Verification | Date Tested: |        /      /       | Tested By: |
| All Breaks at 28 Days |  |  |
|  |  |  |  |  |  |
| **Concrete Mix Components** |
| Ready Mix Supplier & Mix Design #:      | Grade:       | Class: [ ]  A.E. [ ]  A.E. – HES |
| Cement | Content |      Lbs/cy | Brand/Mill: |       | Type:      |
| Fly Ash | Content |      Lbs/cy | Source: |       | Class:      |
| Slag | Content |      Lbs/cy | Source: |       | Grade:      |
| Aggregate | Total Aggregate |      Lbs/cy | Fine Aggregate:  |      % |
| Source | Fine:      | WisDOT Lab No.:      |
| Source | Coarse #1:      | WisDOT Lab No.:      |
| Source | Coarse #2:      | WisDOT Lab No.:      |
| Admixtures | Air Entraining |       |      oz./ [ ]  cwt or [ ]  cy |
| Water Reducing |       |      oz./ [ ]  cwt or [ ]  cy |
| Retarder |       |      oz./ [ ]  cwt or [ ]  cy |
| Other |       |      oz./ [ ]  cwt or [ ]  cy |
| Net Water: |      gal/cy | Slump       in. | Net Air:       % | PCC Temp:       ◦F |
|  |
| **Type of Placement** |
| **Please Check Box** [ ]  Pavement **Required Strength**:       psi |
|  |
| **Concrete Beam Test Data** |
| **Sample Locations:**  | **QC Lot No.**  | **QC Sublot No.**  |
| Beam Number | Diameter (in.) | Area (sq. in.) | Test Date | Age (days) | Fracture | Load (lbs) | Load Rate (lb/sec) | Flexural Strength (psi) |
|       |  |  |  |       |  |  |  |  |
|       |  |  |  |       |  |  |  |  |
|       |  |  |  |       |  |  |  |  |
|       |  |  |  |       |  |  |  |  |
|  |

Remarks: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| --- | --- |
| Project Contact:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Project Phone:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   \*When e-mailing for pick-up, use the following address, cylinders@behnkematerialsengineering.com ; also specify the number of additional molds needed so the vendor can supply when picking up completed Beams. | **Project Label** |

REV 01/2025