Print Form Reset Form

U.S. Department of Transportation
**Federal Highway Administration**
Federal Lands Highway

Laboratory Control No. _____

# REQUEST FOR LABORATORY TESTS

State: _____ Project No.: _____ Project name: _____

Account No.: _____

Submitted by: _____ Phone Number: _____ Fax Number: _____

Field Sample Number: _____ Sampled by: _____ Date Sampled: _____

No. & Type Containers: _____ Witnessed by: _____ Date Shipped: _____

Quantity represented: _____ Intended Use: _____

Source Name: _____ Source Location: _____

Material Description: _____ Contractor/Owner: _____

Invoice Number: _____ Sample Location: _____ Pay Item No.: _____ Lot No.: _____

Station: _____ Offset: _____ Milepost: _____ Hole Number: _____ Depth: _____

**List Numbers (1-23) to be Performed and any Special Instructions:**

**Environmental Conditions:**

**Sampling Method Used:**

**Portland Cement Concrete Data**
Air Content (%): _____
Slump: _____
Break Date: _____
Age (Days): _____
**Specified Strength**
Min. _____ @ _____ Days

**Project Specifications and Field Test Results**

| Sieve Size | Specifications | Test Results | Target Values |
|---|---|---|---|
| 37.5 mm (11/2") | | | |
| 25.0 mm (1") | | | |
| 19.0 mm (3/4") | | | |
| 12.5 mm (1/2") | | | |
| 9.5 mm (3/8") | | | |
| 4.75 mm (# 4) | | | |
| 2.36 mm (# 8) | | | |
| 2.00 mm (# 10) | | | |
| 1.18 mm (# 16) | | | |
| 600 $\mu$m (# 30) | | | |
| 425 $\mu$m (# 40) | | | |
| 300 $\mu$m (# 50) | | | |
| 150 $\mu$m (# 100) | | | |
| 75 $\mu$m (# 200) | | | |
| Liquid Limit | | | |
| Plasticity Index | | | |
| Asphalt Content | | | |

**Listing of Tests to be Performed (Circle):**

Routine Identification of Soil or Aggregate: 1, 2, 3
Complete Soil Evaluation: 1, 2, 3, 4, 5 or 6
Preliminary Aggregate Source Evaluation: 1, 2, 6, 7, 8, 9
Complete Concrete Aggregate Source Evaluation: 1, 2, 8, 9,10,11,12,13,17

1. Sieve Analysis (AASHTO T 11 & T 27)
2. Liquid and Plastic Limit (AASHTO T 89 & T 90)
3. Classification (AASHTO M 145 & ASTM D 2487)
4. R-Value (AASHTO T190)
5. Compaction (AASHTO T 99, Method C
6. Compaction (AASHTO T 180, Method D)
7. Fractured Faces (ASTM D 5821)
8. Los Angeles Abrasion (AASHTO T 96)
9. Sodium Sulfate Soundness (AASHTO T 104)
10. Specific Gravity, Absorption of Coarse Aggregate (AASHTO T 85)
11. Specific Gravity, Absorption of Fine Aggregate (AASHTO T 84)
12. Organic Impurities (AASHTO T 21)
13. Unit Weight (AASHTO T 19)
14. Resistivity (AASHTO T 288)
15. pH (AASHTO T 289)
16. Asphalt Binder Tests (AASHTO M 320)
17. Sand Equivalent (AASHTO T 176)
18. Concrete Cylinder Break (AASHTO T 22)
19. Asphalt Content and Sieve Analysis (AASHTO T 308 & T 30)
20. Asphalt Core Density (AASHTO T 166)
21. Asphalt Concrete Mix Design
22. Alkali-Silica Reactivity (ASTM C 1260 or ASTM C 1567)
23. Other Testing, Specify at Left Under "Special Instructions"

**INSTRUCTIONS FOR SUBMITTING SAMPLE**

1. Fill out the transmittal completely, (use "NK" for not known).
2. Make three copies of the transmittal.
3. Place the first transmittal inside a waterproof envelope and place inside the container.
4. Place a second transmittal in a waterproof envelope and attach to the outside of container.
5. E-mail the third transmittal directly to the Laboratory Team Leader Patrick.Kowing@dot.gov.
6. Keep the original copy of the transmittal for your records.