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

Laboratory Control No. _____

REQUEST FOR LABORATORY TESTS

Project No.: _____ Project name: _____
Account No.: _____ State: _____ County: _____

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

Field sample number: _____ QL-PAY No.: _____ Lot No: _____
Sampled by: _____ Date sampled: _____
Number & type containers: _____ Witnessed by: _____ Date shipped: _____
Quantity represented: _____ Intended use: _____
Sample type (Acceptance, PC, IAS, CVS, etc.): _____ Date results needed: _____

Source name: _____ Source No.: _____
Source location: _____

Item No.: _____ Material description: _____
Sample location: _____
Station: _____ Offset: _____ Milepost: _____ Depth: _____

List Tests To Be Performed:
(See Reverse For Tests)

Project Specifications and Field Test Results			
Parameters/Sieves	**Target Value Range**	**Specification Range[1]**	**Test Result**
1½ -inch (37.5 mm)			
1-inch (25.0 mm)			
¾-inch (19.0 mm)			
½-inch (12.5 mm)			
⅜-inch (9.5 mm)			
No. 4 (4.75 mm)			
No. 8 (2.36 mm)			
No. 10 (2.00 mm)			
No. 16 (1.18 mm)			
No. 30 (600 µm)			
No. 40 (425 µm)			
No. 50 (300 µm)			
No. 100 (150 µm)			
No. 200 (75 µm)			
Moisture-Density			
Liquid Limit			
PI			
Sand Equivalent			
Fractured Faces			
Asphalt Content			
Density			
Flat & Elongated			
Concrete Strength			

Special Instructions:
(Continue On Reverse)

Portland Cement Concrete Data
Air Content (%): _____ Slump: _____
Break Age In Days (7, 14, 28, other): ___

[1]The specification range may be the allowable deviation (±) from the target value.

Submit Form | Clear Form | Save Form

INSTRUCTIONS FOR SUBMITTING SAMPLE

1. Completely fill out the transmittal form (use "NK" for not known) and make three copies.
2. Place one copy in a waterproof envelope, addressed to the Laboratory, and attach to the outside of the container.
3. Place the second copy of the transmittal inside a waterproof envelope and inside the container, if possible.
4. Mail or fax the third copy of the transmittal directly to the Laboratory.
5. Retain the original transmittal form for your records.

LISTING OF TESTS TO BE PERFORMED (Check tests or list on page 1)

TESTS FOR SOILS

- ☐ Soil Source Verification
- ☐ Soil Production Verification
- ☐ AASHTO T 88(a) – Particle Size (w/ hydro)
- ☐ AASHTO T 88(b) – Particle Size (w/o hydro)
- ☐ AASHTO T 89 – Liquid Limit
- ☐ AASHTO T 90 – Plastic Limit and Plasticity Index
- ☐ AASHTO T 99 – Standard Proctor
- ☐ AASHTO T 100 – Specific Gravity
- ☐ AASHTO T 180 – Modified Proctor
- ☐ AASHTO T 193 – CBR
- ☐ AASHTO T 265 – Moisture Content
- ☐ AASHTO M 145 – Classification

TESTS FOR AGGREGATE COURSES

- ☐ Aggregate Course Source Verification
- ☐ Aggregate Course Production Verification
- ☐ AASHTO T 11 – Wash #200
- ☐ AASHTO T 27 – Sieve Analysis
- ☐ AASHTO T 84 – SG and Absorption (Fine)
- ☐ AASHTO T 85 – SG and Absorption (Coarse)
- ☐ AASHTO T 89 – Liquid Limit
- ☐ AASHTO T 90 – Plastic Limit and Plasticity Index
- ☐ AASHTO T 96 – LA Abrasion
- ☐ AASHTO T 99 – Standard Proctor
- ☐ AASHTO T 104 – Soundness by Sodium Sulfate
- ☐ AASHTO T 180 – Modified Proctor
- ☐ AASHTO T 193 – CBR
- ☐ ASTM D 5821 – Fractured Faces

TESTS FOR ASPHALT PAVEMENT AND SURFACE TREATMENTS

- ☐ Asphalt Pavement Aggregate Source Verification
- ☐ Surface Treatment Aggregate Source Verification
- ☐ Surface Treatment Aggr. Production Verification
- ☐ Superpave HACP Mix Design Verification
- ☐ Superpave HACP Production Verification
- ☐ Marshall HACP Mix Design Verification
- ☐ Marshall HACP Production Verification
- ☐ PG Binder Identification
- ☐ PG Binder Verification
- ☐ Emulsified Asphalt Source Verification
- ☐ Emulsified Asphalt Production Verification
- ☐ AASHTO T 11 – Wash #200
- ☐ AASHTO T 27 – Sieve Analysis
- ☐ AASHTO T 30 – Sieve Analysis of Extracted Aggr.
- ☐ AASHTO T 84 – SG and Absorption (Fine)
- ☐ AASHTO T 85 – SG and Absorption (Coarse)
- ☐ AASHTO T 96 – LA Abrasion
- ☐ AASHTO T 104 – Soundness by Sodium Sulfate
- ☐ AASHTO T 166 – Bulk Specific Gravity
- ☐ AASHTO T 176 – Sand Equivalent
- ☐ AASHTO T 209 – Max. Specific Gravity
- ☐ AASHTO T 283 – TSR
- ☐ AASHTO T 304 – Uncompacted Void Content
- ☐ AASHTO T 308 – Binder Content
- ☐ ASTM D 4791 – Flat and Elongated Particles
- ☐ ASTM D 5821 – Fractured Faces

TESTS FOR CONCRETE

- ☐ Concrete Aggregate Source Verification
- ☐ Concrete Aggregate Production Verification
- ☐ Concrete Mix Design Verification
- ☐ AASHTO T 11 – Wash #200
- ☐ AASHTO T 19 – Bulk Density
- ☐ AASHTO T 21 – Organic Impurities
- ☐ AASHTO T 27 – Sieve Analysis
- ☐ AASHTO T 22 – Compressive Strength
- ☐ AASHTO T 84 – SG and Absorption (Fine)
- ☐ AASHTO T 85 – SG and Absorption (Coarse)
- ☐ AASHTO T 255 – Moisture Content
- ☐ AASHTO T277 – Chloride Penetration

Note: For tests not listed, contact the EFLHD Laboratory.

Special Instructions (continued):