

# MATERIALS QUALITY ASSURANCE PROGRAM

Program Includes:

1. MTRB accredited by AAP
2. All laboratories qualified
3. All personnel qualified

Mandatory

Mandatory

## MATERIALS ACCEPTANCE PROGRAM

Program includes:

1. Frequency Guide
2. Random Sample Locations
3. Materials Quality Attributes
4. Validation through the IAP

## INDEPENDENT ASSURANCE PROGRAM

Use IAST frequency based on time

Evaluate equipment by:  
1. Calibration/Verification records  
2. Split Samples

Evaluate personnel by:  
1. Split Samples  
2. Observation

Submit Annual Report to FHWA

Acceptance Sampling & Testing by District or County Personnel or their Designated Agents?

No

Acceptance Sampling and Testing by Contractor with Verification by District or County Personnel or their Designated Agents

- Program includes:
1. Contractor Quality Control S&T validated by independent State and County Verification S&T
  2. Dispute Resolution System

Yes

Apply S&T and IAST Criteria

Issue Project Materials Certification to FHWA

### Abbreviations:

MTRB = Material Testing and Research Branch

AAP = AASHTO Accreditation Program

IAP = Independent Assurance Program

S&T = Sampling and Testing

IAST = Independent Assurance Sampling and Testing

## FLOW DIAGRAM