



Texas Department of Transportation

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January 11, 2013

Mr. John Goodwin, P.E.
Project Manager
Lochner, BWR Division
1828 ESE Loop 323, Suite 202
Tyler, Texas 75701

Subject: Quality Assurance Program
CSJ: 0046-04-057
Highway: US 82
County: Bowie

Dear John:

Attached is an original signed copy of the Quality Assurance Program for the Bowie County Pass-Through Toll Project. If you have any questions, please contact me at (903) 799-1201.

Sincerely,

David K. Neshyba, P.E.
District Design Engineer
Atlanta District

cc: files

THE TEXAS PLAN

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Quality Assurance Program Bowie County Pass-Through Toll Projects

Statement of Policy

The TxDOT Atlanta District has developed the attached amendment to the TxDOT *Quality Assurance Program for Construction* for use on Bowie County Pass-Through Toll projects. This amendment, in conjunction with the TxDOT *Quality Assurance Program*, will constitute the governing Quality Assurance Program for Bowie County Pass-Through Toll projects.

This program provides for the construction oversight of the project(s) and shall be implemented with strict adherence by all members of the project team(s). TxDOT reserves the right to further amend the program as necessary to meet program needs.



Robert H. Ratcliff, P.E.
District Engineer
TxDOT Atlanta District

Date: 01-11-2013



Kelly Blackburn
Precinct 3 Commissioner
Bowie County, Texas

Date: 12/31/2012

**Quality Assurance Program
Bowie County Pass-Through Toll Projects
Atlanta District**

Prepared by: James G. Joslin, P.E., Director of Construction, Atlanta District

Effective Date: February 1, 2010

Purpose:

To adopt the TxDOT *Quality Assurance Program for Construction* for use on the Bowie County Pass-Through Toll projects, as amended below.

Amendments:

Chapter 1 Introduction, Section 1 Overview, Definitions is supplemented by the following:

- *Area Office or Engineer* - The Area Office or Engineer is the County of Bowie, Texas and its engineer or agent responsible for Quality Assurance and Verification Sampling and Testing.

Chapter 2 Acceptance Program, Section 1 Overview, is supplemented by the following:

- TxDOT will perform acceptance testing for each Item 247 flexible base stockpile where test methods Tex-113-E, Tex-116-E, and Tex-117-E are required. TxDOT will also verify the Contractor's target gradation for each stockpile.

Chapter 3 Independent Assurance Program, Section 1 Overview is supplemented by the following:

- Independent Assurance (IA) oversight will be by TxDOT Atlanta District.
- Bowie County will provide Item 341 split complete mix and road core pair IA samples to TxDOT for independent assurance testing. TxDOT will notify Bowie County to provide samples. IA samples will coincide with QA subplot samples. A 100 pound complete mix sample and QCQA road core pair from the same subplot will be required for each ACP layer each month of production. After Bowie County and the Contractor have completed testing on the subplot road core pair, the two cores shall be provided to TxDOT.
- Bowie County will issue inspection work requests two weeks prior to TxDOT performing IA inspections, sampling, and qualifications. TxDOT reserves the right to reschedule inspection services due to unavailability of TxDOT personnel to perform the necessary inspection.

Chapter 3 Independent Assurance Program, Section 3 Testing Equipment, last paragraph, insert after the first sentence as follows:

- Non-TxDOT laboratories will be responsible for calibration and documentation of testing equipment conforming to the American Association for Laboratory Accreditation (A2LA) ISO17025 certification. AASHTO accreditation will not be required for non-TxDOT laboratories.

Chapter 6 Sampling and Testing Personnel Qualification Program, Section 2 Personnel Qualification is supplemented by the following:

- ***Soils & Aggregates (100-E Series & 400-A Series)***
 - Tex-100-E Surveying & Sampling of Soils for Highways
 - Tex-130-E Slurry Testing
 - Tex-145-E Determining Sulfate Content in Soils- Colorimetric Method
 - Tex-146-E Conductivity Test for Field Detection of Sulfates in Soil
 - Tex-438-A Polish Value
 - Tex-461-A Micro-Deval
- ***Bituminous (200-F Series)***
 - Tex-225-F Random Sampling
 - Tex-233-F Preparation of Control Charts
 - Tex-241-F SuperPave Gyratory Compaction*
 - Tex-242-F Hamburg Wheel-Tracking Test*
 - Tex-248-F Overlay Test*
 - Tex-280-F Flat and Elongated Particles in CA
- ***Concrete (400-A Series)***
 - Tex-422-A Measuring Temperature of Freshly-Mixed Concrete
 - Tex-423-A Determination of Pavement Thickness by Direct Measurement on Freshly-Mixed Concrete and Concrete Cores
 - Tex-433-A Absorption and Bulk Specific Gravity
 - Tex-461-A Micro-Deval
- ***Special Procedures (ASTM)***
 - ASTM D2369 Percent Solids of Curing Compound

Chapter 6 Sampling and Testing Personnel Qualification Program, Section 4 Who Can Qualify Sampling and Testing Personnel is supplemented by the following:

- Non-TxDOT personnel performing sampling and testing will be required to obtain certification for asphalt concrete paving and soils tests through the Texas Asphalt

Pavement Association (TxAPA) "Hot Mix Center", certification for concrete tests through ACI, and Tex-1000-S through TTI. Should a Texas test method performed at the District level not be covered by one of these approved organizations the District Lab will qualify the non-TxDOT personnel for that test method. A TxDOT qualification will be valid for the TxDOT District the pass-through toll project is located in. TxDOT will administer all proficiency samples.

Contact:

For more information or questions regarding the program or its amendments, contact the Atlanta District at 903/799-1330.