LTPP SPS Project Deviation Report Project Summary Sheet	State Code 05 Project Code 0800

Project Classification Information

SPS Experiment Number: 8	State or Province: Arkansas
LTPP Region:	☐ North Atlantic ☐ North Central ☒ Southern ☐ Western
Climate Zone:	☐ Dry-Freeze ☐ Dry-No Freeze ☐ Wet-Freeze ☒ Wet-No Freeze
Subgrade Classification:	☒ Fine Grain ☐ Coarse Grain ☐ Active (SPS-8 Only)
Project Experiment Classification Designation (SPS 1, 2 and 8):	
Construction Start Date:	Construction End Date: 12/12/97
FHWA Incentive Funds Provided to Agency for this Project:	☑ Yes ☐ No

Deviation Summary

Site Location Deviations:	☐ No Deviations ☑ Minor Deviations ☐ Significant Deviations
Construction Deviations:	☐ No Deviations ☑ Minor Deviations ☐ Significant Deviations

Data Collection and Processing Status Summary

Inventory Data (SPS 5,6,7,9):	☐ Complete Submission ☐ Incomplete ☐ Data Not Available
Materials Data:	☑ All Scheduled Samples Obtained and Tested ☐ Incomplete/No Test Data
Construction Data:	☑ All Required Data Obtained ☐ Incomplete/Missing Data Elements
Historical Traffic Data:	☐ All Required Historical Estimates Submitted (SPS 5,6,7,9) ☐ Required Estimates Not Submitted
Traffic Monitoring Equipment:	☐ WIM Installed On-Site ☐ AVC Installed On-Site ☐ ATR Installed On-Site ☑ No Equipment Installed
Traffic Monitoring:	☑ Preferred ☐ Continuous ☐ Minimum ☐ Below Minimum ☐ Site Related
Traffic Monitoring Data:	☐ Monitoring Data Submitted ☑ No Monitoring Data Submitted
FWD Measurements:	☐ Preconstruction Tests Performed ☐ Construction Tests Performed ☐ Post-construction Tests Performed
Profile Measurements:	☐ Preconstruction Tests Performed ☐ Post-construction Tests Performed
Distress Measurements:	☐ Preconstruction Tests Performed ☑ Post-construction Tests Performed
Maint. & Rehab. Data:	☐ Complete Submission ☐ Incomplete ☐ Data Not Available
Friction Data:	☐ Complete Submission ☐ Incomplete ☐ Data Not Available

Report Status

Materials Sampling and Test Plan:	☑ Document Prepared ☑ Final Submitted to FHWA
Construction Report:	☑ Document Prepared ☑ Final Submitted to FHWA
AWS: (SPS 1, 2, & 8)	☑ AWS Installed ☑ AWS Installation Report Submitted to FHWA

Page 1 of 5 Preparer Timothy J. Martin Date 12/19/97

LTPP SPS Project Deviation Report Site Location Guidelines Deviations	State Code 05 Project Code 0800

☑ Comments Pertain to All Test Sections on Project
☐ Comments Pertain Only to Section(s): (Specify) _____

Site Location Guideline Deviation Comments

The estimated ADT shown on the nomination forms indicate that there is 30 ADT for both lanes. This deviates from the experimental design guidelines minimum of 100 ADT for the design lane.

The first 100 feet of section 050803 is part of a horizontal curve w/ 5° curvature. This exceeds the limit of 3° curvature.

Superelevation exists in three areas as listed below:

050809 slope = -.061 @ Sta. 594+75 (2+25)
transitions to slope = -.020 @ Sta. 596+75 (4+25)

050803 slope = -.020 @ Sta. 615+75 (2+25
transition to slope = -.070 @ sta. 617+75 (4+25)

050804 slope = -.020 @ Sta. 625+50 (2+00)
transition to slope = -.061 @ Sta. 627+25 (3+75)

Page 2 of 5 Preparer Timothy J Martin Date 12/19/97

LTPP SPS Project Deviation Report Construction Guidelines Deviations	State Code 0 5 Project Code 0 8 X X

☑ Comments Pertain to All Test Sections on Project
☐ Comments Pertain Only to Section(s): (Specify) _____

Construction Guidelines Deviation Comments

Specified tolerances for each pavement layer were exceeded in localized areas along each section. The average layer thicknesses did meet ASHTD specifications.

WIM is awaiting approval at ARSHTD for installation. Should be installed in February '98.

 Preparer Timothy J Martin Date 12/19/97

LTPP SPS Project Deviation Report Data Collection and Materials Sampling and Testing Deviations	State Code 05 Project Code 0800

☐ Comments Pertain to All Test Sections on Project
☑ Comments Pertain Only to Section(s): (Specify) 050809 + 050810, 050803

Data Collection & Material Sampling and Testing Deviation Comments

Postconstruction coring of the PCC @ 14 days was actually cored and tested on day=18. This was caused by inclement weather and equipment difficulties.

Two six inch cores were extracted from the AC-surface of section 050803 @ Sta. 2+55 by ASHTO for QC/QA purposes. Previously, all other state QC tests were conducted properly in the transition zones, adjacent lane or shoulders.

 Preparer [signature] Date 12/19/97

LTPP SPS Project Deviation Report Other Deviations	State Code 05 Project Code 0800

☑ Comments Pertain to All Test Sections on Project
☐ Comments Pertain Only to Section(s): (Specify) _____

Other Deviation Comments

No other deviations were observed.

Page 5 of 5 Preparer Timothy J Martin Date 12/19/97