

<b>LTPP SPS Project Deviation Report</b>		State Code	<u>2</u>	<u>9</u>
<b>Project Summary Sheet</b>		Project Code	<u>0</u>	<u>7</u>
<b>Project-Classification Information</b>				
SPS Experiment Number: SPS-07		State or Province: Missouri		
LTPP Region:	<input type="checkbox"/> North Atlantic	<input checked="" type="checkbox"/> North Central	<input type="checkbox"/> Southern	<input type="checkbox"/> Western
Climate Zone:	<input type="checkbox"/> Dry Freeze	<input type="checkbox"/> Dry-No Freeze	<input checked="" type="checkbox"/> Wet-Freeze	<input type="checkbox"/> Wet-No Freeze
Subgrade Classification:	<input checked="" type="checkbox"/> Fine Grain	<input type="checkbox"/> Coarse Grain	? <input type="checkbox"/> Active (SPS-8 Only)	
Project Experiment Classification Designation (SPS 1, 2 and 8): NA				
Construction Start Date: June, 1990		Construction End Date: July, 1990		
FHWA Incentive Funds Provided to Agency for this Project:				<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Deviation Summary</b>				
Site Location Deviations:	<input type="checkbox"/> No Deviations	<input checked="" type="checkbox"/> Minor Deviations	<input type="checkbox"/> Significant Deviations	
Construction Deviations:	<input type="checkbox"/> No Deviations	<input type="checkbox"/> Minor Deviations	<input checked="" type="checkbox"/> Significant Deviations	
<b>Data Collection and Processing Status Summary</b>				
Inventory Data (SPS 5, 6, 7, 9):	<input checked="" type="checkbox"/> Complete Submission	<input type="checkbox"/> Incomplete	<input type="checkbox"/> Data Not Available	
Materials Data:	<input checked="" type="checkbox"/> All Scheduled Samples Obtained and Tested	<input type="checkbox"/> Incomplete		
Construction Data:	<input checked="" type="checkbox"/> All Required Data Obtained	<input type="checkbox"/> Incomplete/Missing Data Elements		
Historical Traffic Data:	<input type="checkbox"/> All Required Historical Estimates Submitted (SPS 5, 6, 7, 9)			
	<input checked="" type="checkbox"/> Required Estimates Not Submitted			
Traffic Monitoring Equipment:	<input checked="" type="checkbox"/> WIM Installed On-Site	<input checked="" type="checkbox"/> AVC Installed On-Site		
	<input type="checkbox"/> ATR Installed On-Site	<input type="checkbox"/> No Equipment Installed		
Traffic Monitoring:	<input checked="" type="checkbox"/> Preferred	<input type="checkbox"/> Continuous	<input type="checkbox"/> Minimum	<input type="checkbox"/> Below Minimum <input type="checkbox"/> Site Related
Traffic Monitoring Data:	<input checked="" type="checkbox"/> Monitoring Data Submitted	<input type="checkbox"/> No Monitoring Data Submitted		
FWD Measurements:	<input checked="" type="checkbox"/> Preconstruction Tests Performed	<input type="checkbox"/> Construction Tests Performed		
	<input checked="" type="checkbox"/> Post-construction Tests Performed			
Profile Measurements:	<input checked="" type="checkbox"/> Preconstruction Tests Performed	<input type="checkbox"/> Post-construction Tests Performed		
Distress Measurements:	<input checked="" type="checkbox"/> Preconstruction Tests Performed	<input type="checkbox"/> Post-construction Tests Performed		
Maint. & Rehab. Data:	<input checked="" type="checkbox"/> Complete Submission	<input type="checkbox"/> Incomplete	<input type="checkbox"/> Data Not Available	
Friction Data:	<input checked="" type="checkbox"/> Complete Submission	<input type="checkbox"/> Incomplete	<input type="checkbox"/> Data Not Available	
<b>Report Status</b>				
Materials Sampling and Test Plan:	<input checked="" type="checkbox"/> Document Prepared	<input type="checkbox"/> Final Submitted to FHWA		
Construction Report:	<input checked="" type="checkbox"/> Document Prepared	<input checked="" type="checkbox"/> Final Submitted to FHWA		
AWS: (SPS 1, 2, & 8) NA	<input type="checkbox"/> AWS Installed	<input type="checkbox"/> AWS Installation Report Submitted to FHWA		



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Site Location Guidelines Deviations	Project Code <u>0</u> <u>7</u> <u>0</u> <u>0</u>
<input checked="" type="checkbox"/> Comments Pertain to All Test Sections on Project	
<input type="checkbox"/> Comments Pertain Only to Section(s): (Specify)	
Site Location Guideline Deviation Comments:	
<p>There is an intersecting roadway between test sections 290760 and 290704. The sections to the south receive less traffic than those to the north.</p>	
<p>An underground pipe is located within test section 290704 (station 0+50), under approximately 25' of cover.</p>	
<p>Test sections 290760 and 290708 are located on grades of -4.28% and 4.14% respectively.</p>	
<p>Test sections were constructed on variable subgrade that ranged from clay soils to rock.</p>	
<p>Test sections were constructed on a variety of cut depths (0' to 24') and fill heights (0' to 30').</p>	

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Construction Guidelines Deviations	Project Code <u>0</u> <u>7</u> <u>0</u> <u>0</u>
<input checked="" type="checkbox"/> Comments Pertain to All Test Sections on Project <input type="checkbox"/> Comments Pertain Only to Section(s): (Specify)	
Construction Guidelines Deviation Comments:	
Type III cement was used. (approved by SHRP)	
Minimum compressive strength of 3,500 psi was not met. (psi range = 2,650 to 3,450)	
Silicone sealant was not used. Because construction guidelines were not available at the time of construction the MHTD standard sealant (hot-pour rubberized asphalt) was used.	
In section 290708, there is a question as to whether the sandblasting of the prepared surface was done.	
In sections 290702, 290704, 290706, and 290707 the fresh concrete temperatures exceeded 90° F and approached the 100° F mark.	
Test sections 290702, 290704, 290705, and 290711, the air content of the fresh concrete was around 3%, which is well below the recommended range of 6.5% ± 1.5%.	
The tolerance for overlay thickness of design ± ¼" was either met or exceeded on all sections. Sometimes these differences were as large as 1 ¼"	
The sections were not cured in accordance with Missouri specifications.	

