



Florida Department of Transportation

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GOVERNOR

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SECRETARY

February 28, 2003

CONSTRUCTION BULLETIN 01-03

This Bulletin has Expired

TO: DISTRICT CONSTRUCTION ENGINEERS

FROM: Ananth Prasad, State Construction Engineer *Ananth Prasad*

COPIES: Jim Warren (ACA), Greg Schiess (FHWA), Bill Albaugh, Tom Malerk, David Sadler, District Bituminous Engineers

SUBJECT: SPECIFICATION SECTION 330-12.6 ACCEPTANCE TESTING FOR PAVEMENT SMOOTHNESS BY LASER PROFILER

A copy of the Specification Section 330-12.6: Acceptance Testing for Pavement Smoothness by Laser Profiler is attached. This specification will be used on limited access or high-speed roadways where the design speed is equal to or greater than 50 miles per hour. By using this specification, the existing 15 foot rolling straightedge acceptance testing method will be replaced by laser profiler testing method. This fast and reliable testing device can be performed without disruption to traffic and no maintenance of traffic is required during testing so that worker safety and efficiency of the acceptance testing will be greatly improved.

In order to facilitate the State Pavement Evaluation Office(SPEO) in Gainesville to perform the Laser Profiler testing on the job site, the following procedures shall be followed by each project when using this specification:

1. The Project Engineer shall notify the SPEO by E-mail about the project information (Project Fin. I. D. Number, Project Location, Project Engineer's Name, Phone Number and E-mail Address) a minimum of 14 Days before the estimated date for surface smoothness acceptance testing. In the event, the estimated date is revised, Project Engineer shall inform the SPEO of the update information as soon as possible.
2. Upon completion of the acceptance testing, the SPEO will furnish a test report to the Project Engineer with a copy to the District Materials Office within one week.
3. Should the Test Report indicate any deficiencies, the Engineer will notify the Contactor and corrective actions shall be performed in accordance with Table 330-3.

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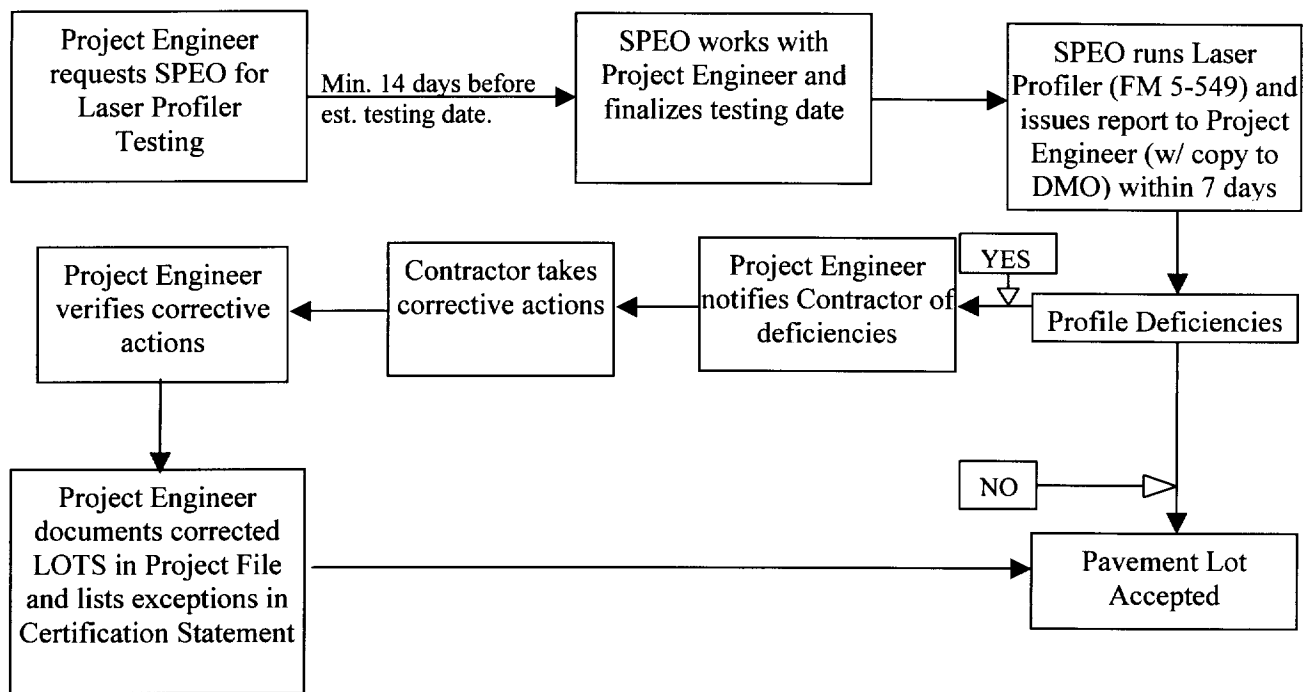
4. The FDOT Qualified Asphalt Paving Technician Level II shall be present during the corrective work and will ascertain that each surface irregularity was eliminated or brought within the allowable tolerance as established in the specifications. The corrective work will be reported on the Daily Report.
5. The resolution of the deficient area(s) will be handled in compliance with the procedures specified in CPAM 11.2.5.
6. Project Engineer documents the corrected LOTS in Project File and lists the exceptions in Certification Statement.

A Flow Chart is attached to indicate the process of acceptance testing for pavement smoothness by laser profiler for your reference.

If you have any questions, please contact David Wang at (850) 414-4152, or (SC) 994-4152.

AP/ww
Attachment

Process of Acceptance Testing for Pavement Smoothness by Laser Profiler



Recommended Format for Exceptions				
LOT #	Sta. From (MP)	Sta. To (MP)	RN	Action Taken

Remarks:

1. SPEO: State Pavement Evaluation Office (State Materials Research Park in Gainesville).
2. Action Taken:
 - a. Leave in place with no pay
 - b. Leave in place with reduced payment
 - c. Leave in place with full pay.
3. Project Engineer is the same as Project Manager.