



U.S. Department
of Transportation
**Federal Highway
Administration**

MEMORANDUM

Central Federal Lands
January 12, 2011

12300 West Dakota Avenue
Suite 210A
Lakewood, CO 80228

Subject: CA PRA JOTR 11(3) PINTO BASIN ROAD
REVISED PAVEMENT RECOMMENDATION

To: Pat Flynn, Project Manager
Jeff Bellen, Lead Designer

From: Steve Deppmeier, Pavements Engineer 

This memorandum supersedes all previous pavement recommendation(s). The project is Joshua Tree National Park's Pinto Basin Road, known also as the North-South Highway, Stations 10+00 to 1253+44 (Milepost 31.09 to 7.54 with Milepost 0.0 at the Pinto Wye, or intersection of Route 12 East-West Highway and Milepost 35.82 at the park's south entrance).

The recommended typical section for rehabilitation is:

3 inches HACP
6 inches FDR – Pulverize

The recommended typical section for reconstruction is:

3 inches HACP
6 inches Aggregate Base Course

These typical sections match previous projects in Joshua Tree National Park. Data from the Condition and Soils Survey Report dated March 1985 and current design procedures were used. The design R-Value for both typicals for Stations 10+00 to 1253+44 is 27.

For the low water crossings, no subexcavation of the travelway or imported material is warranted. The typical section for paving items should be as above.

CC: Chuck Luedders, Pavements Engineer Team Leader
Ron Andresen, Materials Staff Engineer
Scott Hogan, Hydraulics Engineer Team Leader
Construction Branch
Project Files

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