

Memorandum

*Flex your power!
Be energy efficient!*

To: **Ali Alqatami, Chief**
Design Branch Z
Office of Design I
Central Region Project Development

Date: March 30, 2011

File: 06-Mad-99-PM 9.5/13.1

From: **Ted Mooradian, Chief** 
District Materials Engineer
Materials Engineering Branch - Fresno
Central Region Construction Deflection Testing

EA 06-0E0401
Project Number: 060000043

Subject: Supplemental Structural Section Recommendations

This is in response to your request dated March 25, 2011, for the above-referenced project.

As stated in your request, after removing the existing structural section and replaced with the new recommended structural section (i.e. 1.00 foot CRCP/0.25 foot HMAB), a 0.10 foot of fill material is required underneath the HMAB to maintain the profile grade. In this situation, it is recommended to increase the thickness of HMAB to 0.35 foot.

For panel replacement, if it is necessary to remove the base and thicker fill material is required, an imported borrow with an R-value of not less than 20 can be used. Compaction should be in accordance with Section 19-5.03 of the Standard Specifications.

If you have any questions regarding the above recommendations, please call me at 488-4148 or John Blase at 488-4062.

Memorandum

*Flex your power!
Be energy efficient!*

To: TED MOORADIAN
Senior, Central Region Materials
Maintenance

Date: March 25, 2011

File: 06-Mad-99-KP 15.3/21.2
(PM 9.5/13.1)
06-0E0401
Madera 99 Rehab



From: ALI ALQATAMI
Senior, Central Region Design I
Project Development

Subject: Materials recommendation to replaced removed materials

The project proposes to remove the existing pavement from PM 10.00 to PM 10.10 to PM 10.45 to PM 11.60. The existing materials are composed of:

Exist:	Recommended replacement
0.25 AC	Continuous Re-enforced Concrete Pavement
Sami-F	1.00 CRCP
0.10 AC	0.25 HMAB
0.67 PCC	
0.33 CTB	

There is a difference of 0.10 ft of materials to be filled in. We would like materials to provide us the materials to be used to fill in places where the removed materials are thicker than the recommended replacement. In panel replacement if the base is found to be inadequate Pls. give us the direction what materials we need to used to replace.

The project is in Headquarters and is ready for bid. We would like to request your utmost help to expedite our request . If you have any questions regarding this request, please contact Lee Tseng at (559) 243-3574 or Geo Leyva at (559) 243-3571.

Attachment: Title Sheet
X-section sheet