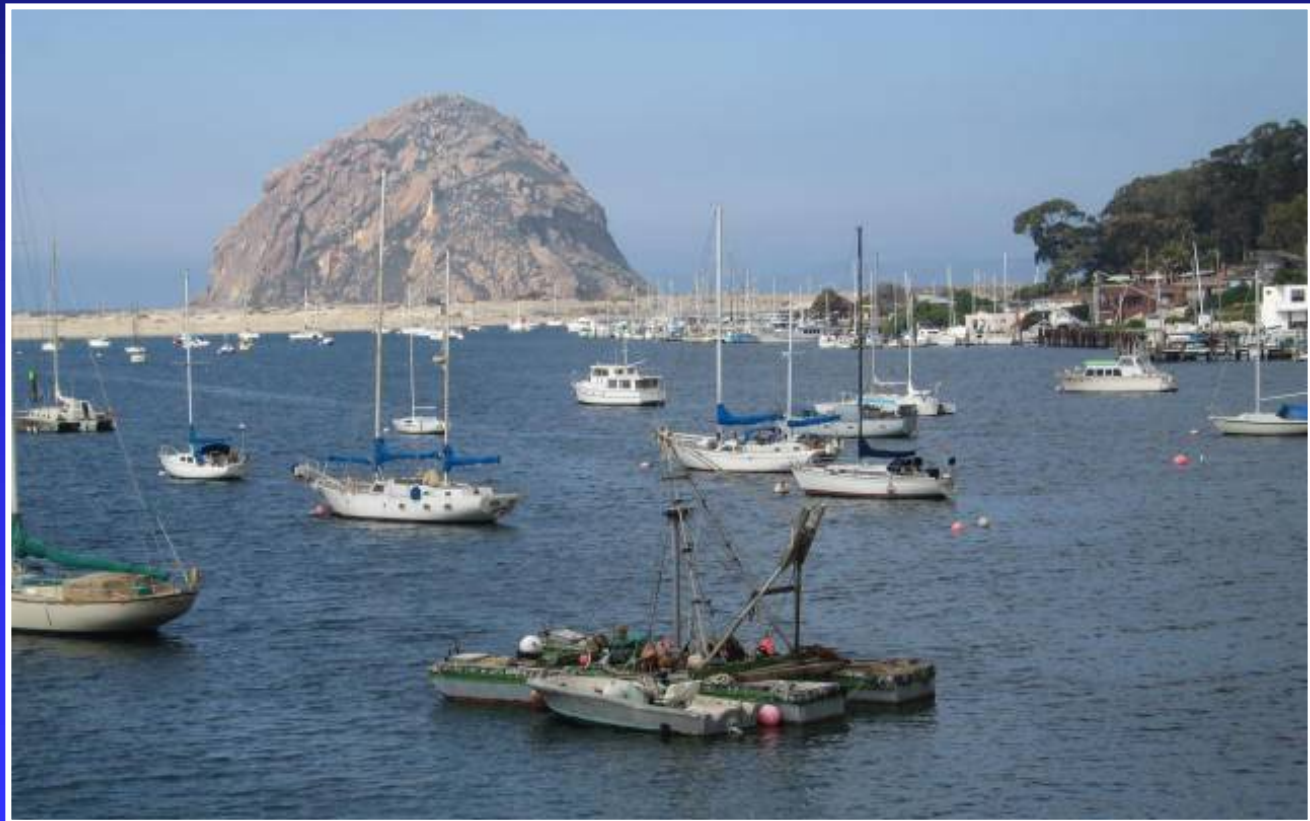


D-5 WMA Innovation Project

05-SLO-1 PM 25.7/27.7



Project Overview

- Highway 1: South of Morro Bay
- 0.10' - 1/2" OGFC with PG 58-34 PM on N/B lanes and shoulders/ no RAP allowed
- OGFC control section (0.5 mile)
- 3 WMA sections: Evotherm, Advera and Sasobit (0.5 mile each)
- Order of work – shoulder paving then mainline
- OBC: 6.5% determined by Caltrans
- Mixing temps by WMA suppliers
- Final compaction by 220°F (normally 250 °F) otherwise standard specification for OGFC



Selection Criteria



- Project funded by PPTG
- Innovative maintenance treatment
- Existing pavement is good
- OGFC used extensively in coastal areas in CA
- Paving temperature issues are a concern for central and north coast districts – more night paving
- Limited nationwide data available on OGFC with PM binders combined with WMA
- Visual performance evaluation
- Low risk project for district
- If you are going to do a demo project, have it by a beach!

The Project Team



■ Thanks to:

- ◆ Dr. Shakir Shatnawi, Caltrans: PPTG for funding
- ◆ Steve Price, Kelly McClain, and Armin Asefvaziri of District 5 Maintenance for project design efforts
- ◆ WMA suppliers for tech and specification assistance
- ◆ Dan Miller, Charlie Hench, Robert Bonilla and the rest of the District 5 Construction staff
- ◆ The Reference Sample Program staff (Hawaiian shirts) for behind the scenes assistance
- ◆ Terrie Bressette, METS - Chief of the Office of Flexible Pavements. My boss - enough said!

The Project Team

And last, but not least:

- Glenn Johnson - District 5 Materials Engineer and staff, for finding this project in the first place
 - ◆ Danilo Ramirez
 - ◆ Jeff Rush

A brave guy!



Safety Briefing

Dan Miller – District 5 Construction Engineer

