



PROJECT BRIEF



MANHOLE RESTORATION WITH NO DELAYS

Project Type:

Pavement

Application:

Reset utility access covers to correct elevations

Location:

Santa Ana, CA

Project Dates:

Sept. 16 – 30, 2010

Project Owner:

City of Santa Ana, CA

Contractor:

All American Asphalt

Project Size:

600 cu. ft. total

Product:

Rapid Set® Concrete Mix, SET Control®

After removing the concrete around the manholes, the utility access covers were reset to the correct elevations using 12-bag batches of Concrete Mix per manhole. 1,232 bags of mix were used in all. Concrete Mix was placed and vibrated to consolidate the material. Then a wood hand float was used to put the material into place. Finishing techniques included troweling and a broom finish, after which the concrete was water cured for one hour using pump sprayers and a burlap cover.

The high temperatures during the project (95 degrees Fahrenheit) required the use of SET Control® additive to the large batches during mixing. Despite the heat, the placement was protected with wet burlap during the curing process, resulting in zero delays and allowing crews to meet the daily time frame.