

October  
2011

# WSAFCA CHP Project

## Status Report, 9/25 - 10/08/2011

Construction Management by:

**M·H·M**

ENGINEERS & SURVEYORS SINCE 1892

Engineering by:

HDR

Construction by:

Teichert Construction, Inc.

Prepared for:

The City of West Sacramento



This report summarizes the levee construction activities on the CHP Academy Project from the 25th of September through the week ending the 8th of October.

The slurry wall has been completed including final backfill top out as of October 1st. The contractor completed installation of the settlement monitoring plates on October 1<sup>st</sup> as well. Currently, there are four monitoring plates still being checked, each five hundred feet apart with the last one located at Station 21+00.



On the 29th of September Teichert began the reconstruction of the levee and continued the degrade of the existing levee. Work began by excavating the waterside slope of the existing levee for the first 2000+ feet from the easterly limits and cutting in the key trench for the concrete slope protection footing. While this work was proceeding, embankment was also placed on top of levee over the same range. Teichert filled and compacted the concrete slope protection footing material. After a few feet of fill had been placed on either side of the slurry wall the temporary cap was removed and replaced with the permanent cap. Upon completion



of the permanent cap for a given area the embankment was continued across the entire width of the levee. As of the 8th of October, the first 2000+ feet of the levee is within only a few feet of finished grade. Teichert has also begun grading the landside slope over this same range and the waterside slope over the remainder of the project. To date, all of the embankment placed has been sourced from the original levee degrade. It is anticipated that the stockpiled material from the degrade will be used up by the 10th of October.

The contractor has also continued to provide access for the farmers located west of this project with no known reported incidents. The farmer's harvest operations appear to have continued except on rainy days.

Degrade to Date (Design Quantity 109,536 cu yd)	Embankment to Date (Design Quantity 101,222 cu yd)	SB Wall Excavation to Date (Design Quantity 234,250 sf)
84,163 cu yd	36,035 cu yd	219,700 sf