

## 10. 511 Contra Costa and TRANSPAC Staff Reports

### Attachment:

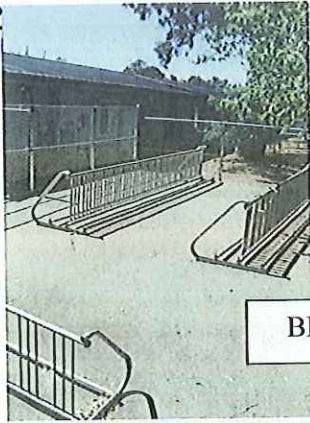
- Spring 2011 Final Report Highlights





## Spring 2011 Final Report Highlights

1. Diablo View Middle School: (February 28-March 4, 2011)
  - 632 students participated in Bike Rodeo/Road Simulation event
  - 25 parents attended the Parent Education Meeting with speakers from the Clayton Police Department and John Muir Pediatrics
  - DVMS students decreased SOV drop offs by 15% and increased carpooling by almost 10% on their Commute Alternative Challenge Day
  - The DVMS Leadership class produced a short safety video based on the week's education and presented it on their "Wake Up Diablo View" morning program
  
  - **Site Improvement Project:** 511 Contra Costa staff met with the Principal and Mount Diablo Unified School District staff to discuss safety improvements to the front parking lot including: bollards, repainting curbs, and directional signage. Improvements will be readdressed in Spring 2012 due to an in progress on-site construction project.
  
2. Walnut Creek Intermediate: (March 28-April, 2011)
  - 1123 students participated in Bike Rodeo/Road Simulation event
  - 59 parents attended the Parent Education Meeting with the Walnut Creek Police Department Community Policing Unit Supervisor as well as a John Muir Pediatrician as speakers
  - WCI students increased bicycling by 342% on their Commute Alternative Challenge Day
  - WCI Leadership students acted as Volunteer Trail Monitors alongside East Bay Regional Park District volunteers throughout the event week to bring attention to the safety of students and commuters on the Iron Horse Trail
  
  - **Site Improvement Project:** In July 2011, 511 Contra Costa funded a paved 20' extension of the school's existing bike cage to increase capacity by 40 bicycles and improve flow and safety for students. Along with the additional fencing required, 511 Contra Costa also purchased three new bike racks for the cage.



BEFORE



AFTER

### 3. Pleasant Hill Middle School: (May 16-20, 2011)

- 773 students participated in Bike Rodeo/Road Simulation event
- 68 parents attended the Parent Education Meeting with speakers from the City of Pleasant Hill, Pleasant Hill Police Department, and Contra Costa Health Services
- PHMS students decreased SOV drop offs by 18% and increased participation in all other modes (walking, biking, bussing, and carpooling) on their Commute Alternative Challenge Day
- **Site Improvement Project:** In June 2011, 511 Contra Costa met with the Mount Diablo Unified School District Maintenance and Operations Director to bring attention to the broken fence on the secondary bike cage which prevents locked storage. It was found that repair and not replacement was necessary and the project was completed in August 2011.

Unused PHMS Secondary  
Bike Cage

### 4. Follow Up Programs:

- All three schools participated in a "Bike to School Day" Challenge run from the school site and held on the 2011 Bike to Work Day
- All three schools will be participating in an International Walk to School Day Challenge run by the school's Leadership class



5. Events:

- Martinez Junior High School: October 10-14, 2011
- J. Douglas Adams Middle School: October 31-November 4, 2011
- Oak Grove Middle School (Concord): April 2-6, 2012

6. Martinez Junior High School Parking Lot Project: July-August 2011

- Repainted parking lot striping to increase visibility and safety
- Painted new directional arrows to decrease confusion and increase safety



1. Introduction

The purpose of this study is to investigate the effects of various factors on the performance of a system. The study is divided into several sections, each focusing on a different aspect of the system's performance. The first section discusses the overall system architecture and the various components that make up the system. The second section focuses on the performance of the system under different conditions, and the third section discusses the results of the study and the implications for future research.

The study is organized as follows:

2. Methodology