

# Drainage Master Plan

Victor Valley Developers Association (VVDA), City of Victorville, CA

## Client

Stantec/VVDA  
3105 East Guasti Road,  
Suite 100  
Ontario, CA 91761

## Project Location

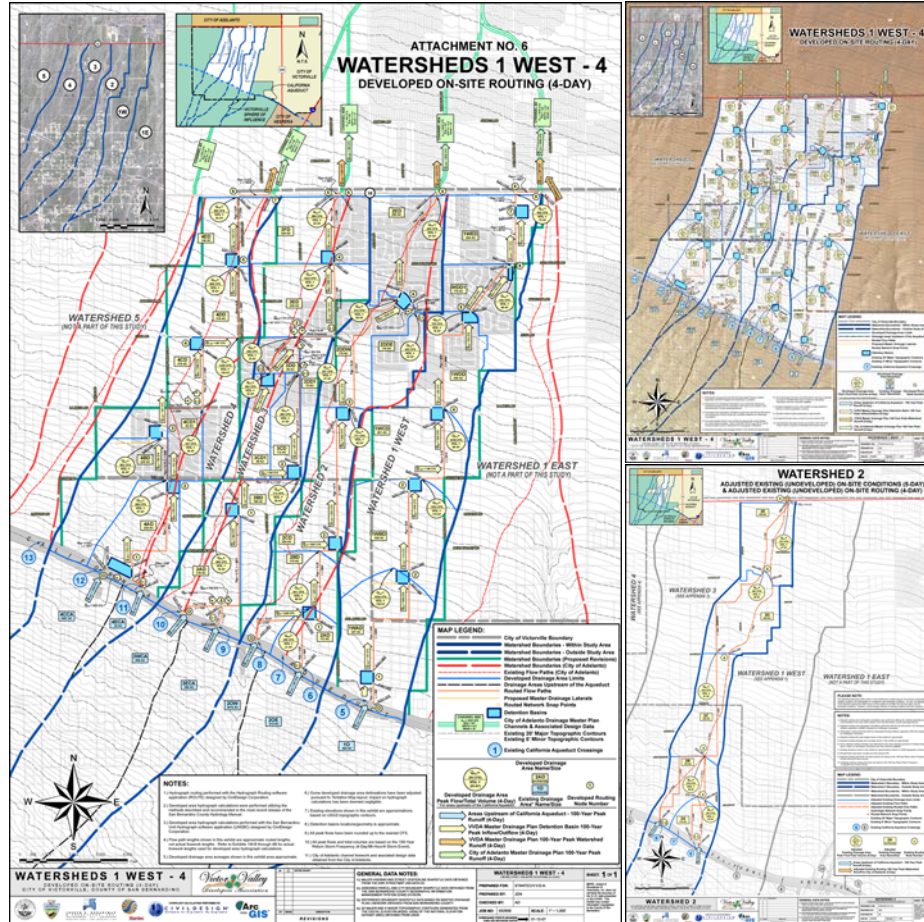
Victorville, CA

## Contact

Ned Araujo, P.E.  
909 / 390-8880

## Project Date

2006-2007



JBA prepared the Drainage Master Plan for 5,100 acres of the Victor Valley Developers Association (VVDA) multi-tract development area in the City of Victorville, CA. The completed Plan included all existing and developed hydrology calculations, flood control basin

hydrograph routing, preliminary hydraulics calculations, preliminary design and layout of the primary storm drain system for the entire area, and 30+ GIS based hydrology/hydraulics exhibits. All calculations were performed using JBA's in-house CivilDesign® software.

## Key Project Staff

Manuel A. Delgado, P.E. – *Project Manager*  
Joseph S.C. Bonadiman, P.E. – *Quality Control/Project Oversight*  
Mike N. Khairy, E.I.T. – *Project Engineer*  
Jesse D. Nash – *G.I.S. Analyst*

