

# Master Plan Hydrology Study & Drainage Analysis

## Arbor Ridge Master Plan Development, City of Beaumont, CA

### Client

Proactive Engineering  
Consultants  
1875 California Avenue  
Corona, CA 92881

### Project Location

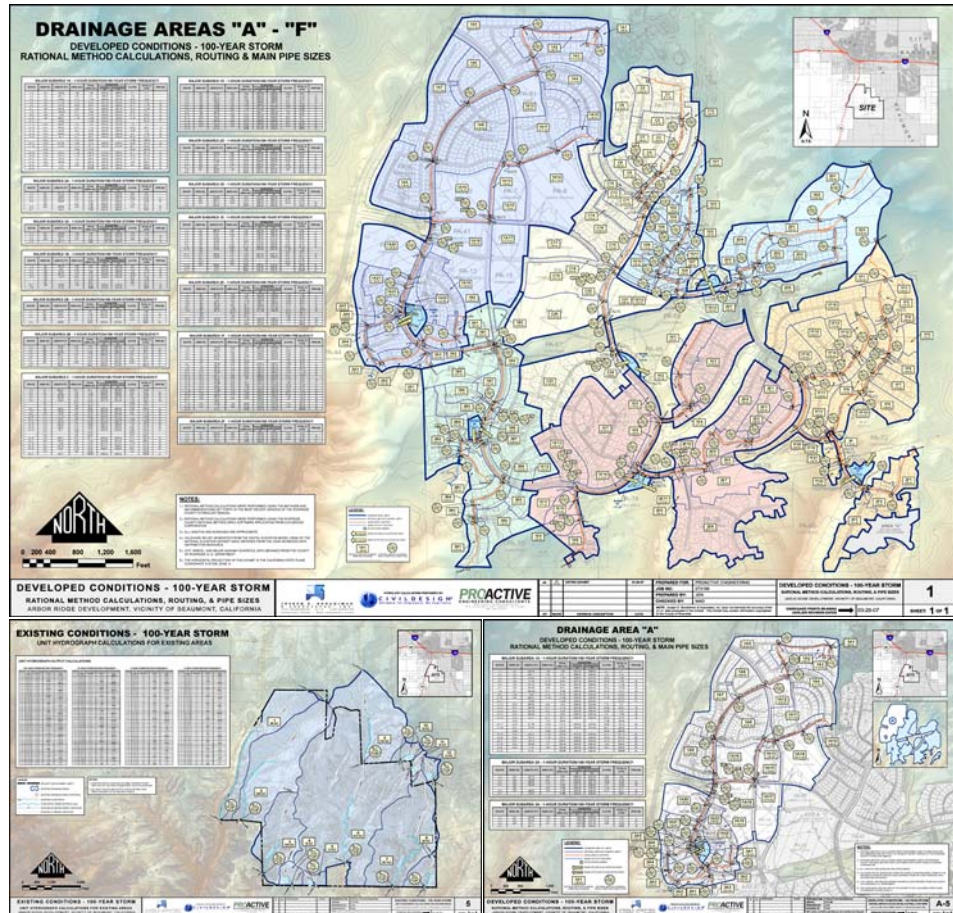
Beaumont, CA

### Contact

Bob Brown, P.E.  
951 / 280-3303

### Project Date

2007



JBA prepared the Hydrology Study & Drainage Analysis for the 180-acre Arbor Ridge Master Plan Development near the City of Beaumont in Riverside County, CA. The completed 150-page Report included all existing and developed Rational Method and Unit Hydrograph calculations, flood control basin

hydrograph routing, preliminary hydraulics calculations, preliminary design and layout of the storm drain system for the entire Master Plan Development, and 50+ 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*

