

NorthStar Engineering Resume

Neil Graber, P.E.

Education

California State University, Chico
BS Civil Engineering, 1984

Registration

CA 45194

Professional Affiliations

American Society of Civil
Engineers
Treasurer, Marysville Branch

Presentations

Manzanita Ave Rehabilitation
Project community meeting
City of Chico, February 2007

West 8th Ave Project Alternatives
Community Meeting
Butte County/City of Chico
June 2001

Mr. Graber is a Senior / Principal Engineer with NorthStar Engineering. He serves as Project Manager for commercial and municipal public works projects. Mr. Graber joined NorthStar Engineering 18 years ago after serving 6 years with the California Department of Transportation District 1 & 3 offices. Neil has extensive experience in the design commercial and municipal site development. Furthermore, Neil also has considerable experience in the areas of hydraulic analysis as well as utility design and relocation.

Large Site Design Experience

- Chico Mall Expansion, Butte County: Civil Design Project Manager / engineer for a 2008 general mall expansion. Work includes overall supervision and coordination of the Civil project design team including in house staff and subconsultants
- Butte College Engineer (LEED Projects), Butte County: Project Manager / Engineer for Butte College projects including such projects such as the 2004 parking lot expansion Lot "D", 2007 Chico center parking lot expansion, the 2005 Butte College Solar Field, the 2006 Library-Expansion plans, the 2007 Instructional-Arts building site plans (LEED), and the 2008 Student and General Services building site plans (LEED). All projects demand strict coordination with architects, planners, and the college to deliver an exceptional finished product.
- Tri-Eagle Beverage Co. Site Design, Suisun City, CA; Project Engineer for Civil site design for the beverage cold storage and distribution center, including site grading, storm drainage, sewer design, water main extension and fire suppression service connection and truck dock and traffic circulation layout design.
- Smucker's Beverage Plant Expansion, Speedway Avenue, Chico, CA; Project Engineer for Civil site design for the beverage ambient storage and distribution center, including site grading, storm drainage, sewer design, water main extension and fire suppression service connection and truck dock and traffic circulation layout design.
- Aero Union Hangar, Ryan Avenue, Chico Municipal Airport, Chico CA; Project Engineer for Civil site design for a 36,000 sqft steel frame hanger with 5,000 sqft office complex. The project consisted of the development and site layout and engineering which included turning requirements for the transfer of P-3 fire fighting aircraft from ramp taxiway to and from the hanger enclosure. Particular design efforts included the design of fire sprinkler suppression system which included a 50,000 gallon water storage tank with automatic booster pump and FDC connection design.

Municipal Experience

- West 8th Avenue Reconstruction, Butte County: complete street improvement plans and specifications including local storm drainage, storm drain trunk line, deep sewer trunk line, curb gutter and sidewalk, geometric traffic calming measures, striping, signing, and street lighting plans for a 1.5 mile section of Eighth Avenue from Hwy 32 to the Esplanade in Chico.
- Manzanita Corridor Improvement – City of Chico: Extensive public and municipal coordination, complete topographic field surveys and base mapping, acquisition of high resolution aerial photography, full roadway improvement design incorporating significant traffic calming components, traffic signal design and modifications, storm drain and sewer design, extension of existing double wide reinforced concrete box culverts at Dead Horse Slew and widening of both the Big Chico Creek Bridge and the Lindo Channel bridge. Sub consultants included MGE bridge engineering, Pacific Hydrologic Incorporated, Carl Rottschalk and Tom Phelps landscape architects, and Towill, Inc.- San Francisco aerial photography.