

### **Education**

California State University, Chico  
BS Civil Engineering, 1984

### **Registration**

CA 45194

### **Professional Affiliations**

American Society of Civil Engineers  
American Public Works Association

### **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 Engineer with NorthStar Engineering. He serves as Project Manager for municipal public works projects. Mr. Graber joined NorthStar Engineering 17 years ago after serving 6 years with the California Department of Transportation District 1 & 3 offices. Neil has extensive experience in the design and rehabilitation of State and local agency highway projects as well as an extensive history in site and parking lot design and rehabilitation. Furthermore, Neil also has considerable experience in the areas of hydraulic analysis as well as utility design and relocation.

### **Municipal Roadway Design Experience**

- Manzanita Corridor Improvement – City of Chico. Project Manager. This project is currently nearing completion of design and has included 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.
- Washington Montgomery Street Roundabout – City of Oroville. Project Manager. This project is currently nearing completion of design includes extensive public and municipal coordination, complete topographic field surveys and base mapping, full roadway improvement design incorporating modern roundabout design, storm drainage modifications and landscape and lighting components. Sub consultants include; RTE (Roundabout Traffic Engineering), Bender Rosenthal right of way agents and Land Image landscape architects.
- West 8<sup>th</sup> Avenue Reconstruction, City of Chico / County of Butte. This project prepared 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.
- Speedway Avenue / Entler Avenue plan line study – County of Butte. This project included detailed topographic surveys of the project area, extensive public and municipal coordination, multiple iterations of road way alignment layout and design including traffic calming features. The product of this effort succeeded in developing 30% plans of sufficient quality to allow County staff to move forward with the development of Plans Specifications and Estimates for the construction capital improvement projects as funds become available. Additionally the plans serve as a master plan to direct developers regarding frontage improvements required in conjunction with their developments.
- Master Plan Infrastructure Study for Chico Municipal Airport. NorthStar Engineering developed an infrastructure master plan, working in conjunction with the City of Chico engineering staff, planning department, Sieffert and Associates and the Tri-Counties EDC, for the 140 acre west side airport properties. This infrastructure plan included preliminary design of storm, sewer, utilities and roadway improvements. The product of this effort was the quantification of costs in support of pursuing local and national grant funding.
- East 20<sup>th</sup> Street Roadway Widening and Signal Modifications – City of Chico: Neil was the project manager for this project. This project includes widening a constrained 4 lane roadway in a heavily commercial area adjacent to the Chico Mall into a 6 lane roadway as well as shifting the main Mall entrance to a new signalized intersection further from Hwy 99. Included in this is modifying two existing signals to accommodate changed lane and turning movements as well as complete plans for a new traffic signal at the relocated Mall entrance.