



Education

California State University, Chico
BS Civil Engineering Fall 2002
-Magna Cum Laude-

Registration

CA 68511 RCE

Professional Affiliations

Butte County Habitat For
Humanity Board Member
ASCE
Phi Kappa Phi
Tau Beta Pi

Skill Summary

Auto CAD – Land Development
HEC-RAS– Hydraulic modeling
Pond Pack– Hydrology model
Water CAD– Water system model
LEED AP Training
Roundabout Design Training

References

Mike Miller
Facilities Director Butte College
(530) 895-2381

Mark Witte, AIA
General Growth Properties
(312) 618-0578

Bob Greenlaw, PE
Director of Capital Projects
City of Chico
(530) 879-6930

Ross Simmons, P.E.

Mr. Simmons is an Associate Engineer with experience in municipal site design, small community water systems, municipal roadway design, subdivision design, commercial site design, and parking lot rehabilitation. Ross has been a part of NorthStar Engineering since the summer 2000. His breadth of project experience makes him particularly suited to handle complex projects involving multiple sub consultants or varied items of work typical of many facility site plans.

Municipal Experience

- Butte Community College Engineers, Butte County: Design Engineer for Butte College projects including such projects such as Parking Lot D plans (completed 2004), Butte College Solar Field (completed 2005), Library-Expansion site plans (completed 2006), Instructional Arts Building site plans (LEED, under construction), Student General Services site plan (LEED, under construction), the Chico Center parking lot expansion (completed 2007), and a handful of other various minor campus projects. All projects demand strict coordination with architects, planners, and the college to deliver an exceptional finished product. The project team is headed by LPA Sacramento.
- Los Rios Community College District, Satellite Buildings in UC Davis Master Planned Community: Civil Site Engineer for the 3 building satellite campus master plan, including construction plans for the first building site. The site and project are being designed to achieve LEED certification and is currently in the Construction Document Development stage with construction slated to begin in 2009. This project involved early value engineering to reduce costs and make construction feasible under a constrained budget. The project team is headed by Stafford King & Wiese Architects (SKW).
- Feather Falls Casino, Butte County: Site Design Engineer for a 2008-09 general casino expansion including a 900 car parking garage (under construction) and new event center (design complete). Project involves significant retaining walls, new parking and circulation roads, utility layout for future building service, and general site design for a design build construction firm. The overall site and utility planning are for both current expansion as well as a master planning for future expansion needs. The project team is headed by Dreyfuss & Blackford Architects.
- Manzanita Avenue Corridor Reconstruction, City of Chico: Design Engineer for the preparation of plans, specifications, and engineer's cost estimate. The project consists of road and bridge widening, intersection realignment, drainage and sewer design, as well as public participation meetings, right of way acquisition, and coordination with City and Caltrans staff. Special features include multiple roundabouts and environmental sensitivity for the 1.5 mile section of road (currently under construction). NorthStar Engineering served as the prime consultant on this project.

Commercial Site Design Experience

- Chico Mall Expansion, Butte County: Site Design Engineer for a 2008 general mall expansion of 130,000 sf. Work includes overall utility, storm drainage, and sewer planning to facilitate new construction. The site plan maximizes use of existing parking lot features to reduce cost and preserve usable parking during construction. The project includes subcontracts to both electrical and landscaping to complete the parking lot and site look. This project was designed in conjunction with Perkowitz + Ruth Architects.