

NorthStar Engineering Resume

Ross Simmons, P.E.

Education

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

Registration

CA 68511

Professional Affiliations

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

Mr. Simmons is an Associate Engineer with experience in large site design, municipal roadway design, mixed commercial / residential subdivision design, and small community water systems. Ross has been a part of NorthStar Engineering since the summer 2000.

Large Site Design Experience

- Chico Mall Expansion, Butte County: Site Design Engineer for a 2008 general mall expansion. Work includes overall utility, storm drainage, and sewer planning to facilitate new construction. Site plan maximizes use of existing parking lot features to reduce cost and preserve parking during construction. The project includes subcontracts to both electrical and landscaping to complete the parking lot and site look.
- Feather Falls Casino, Butte County: Site Design Engineer for a 2008-09 general casino expansion including a 900 car parking garage and new event center. Project involves working with a parking consultant, structural engineer for the garage, architect for the event center, and a design build construction firm. Overall site and utility planning for current expansion as well as a master plan for future expansion is included.
- Butte College Engineer (LEED Projects), Butte County: Site Design 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.

Mixed Commercial / Residential Subdivision Design Experience

- Meriam Park (LEED Proposed Projects), New Urban Builders, Chico: Design Engineer for the preparation of subdivision plans for a uniquely urban subdivision on East 20th Street in Chico. The project consists of approximately 1500 homes and over a 1,000,000 sf of office, retail, & commercial on 210 acres. The majority of the project is multi story attached homes and business with little to no property line setbacks, narrow streets, and alley access to lots. This project includes offsite improvements; road widening, storm drain main with outfall, and utility relocations, roundabout design, bridge construction, and numerous environmental mitigations.
- Westside Place Subdivision (Green Point Rated), New Urban Builders, Chico: Design Engineer for the preparation of subdivision plans for a uniquely urban subdivision on Hwy 32 in Chico. The project consists of approximately 175 homes on 20 acres with narrow streets and alley access to homes. This project includes offsite improvements; road widening, storm drain main with outfall, and utility relocations that require with coordination with Caltrans and the City of Chico.

Municipal Experience

- 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 special environmental sensitivity for the 1.5 mile section of road.