



Kumar & Associates
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Winter Park/Fraser

P.O. Box 1627
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Principals

Narender Kumar, P.E.
President

Bruce Berends, P.E.

Roger Barker, P.G.

Alan Claybourn, P.E.

Jeffrey Johnson

Jim Noll, P.E.

Current Projects

**Penrose-St. Francis
Hospital, Colorado
Springs**

Client: Centura Health Systems

Cougar Canyon, Pueblo

Client: Schreper Industries, Inc.

**Monroe Point at Cherry
Creek**

Client: Project One Integrated
Services

**Denver Overlook
Apartments**

Client: The Spanos Corporation

**Joan & Ray Kroc
Community Center
YMCA Denver**

Client: Eikenhorst & Associates

News @ K+A

Summer 2006

Winter Park/Fraser Projects

June 1st, 2006 marks the 1-year anniversary of the Kumar & Associates (K+A) Winter Park/Fraser Office. In that time, we have tripled both our staff and our truck fleet and added equipment and new services to better serve our clients.

Our new internet reporting capability allows our clients to access materials testing reports as soon as they have been reviewed and posted. We also now offer wood framing and truss inspections and are actively marketing geotechnical studies and percolation tests for residential properties to broaden our Grand County client base. K+A continues to serve our larger commercial clients, as well. Currently, we have several large projects in progress with more scheduled for later in the year.

Intrawest Placemaking began construction on their two new lodges, Founders Pointe and Fraser Crossing, at the Winter Park Resort. These projects are due to be completed by November 2007.

These are the first of many projects planned for the Winter Park Village Core. K+A has been retained by Intrawest Placemaking to perform both preliminary and design-level geotechnical engineering studies, as well as observation and materials testing services during construction. Observation and testing services include earthwork, structural concrete testing, reinforcing steel, soil nail wall construction, structural masonry, structural steel, shotcrete testing, wood framing and truss inspection.

K+A is also providing construction observation and materials testing for two new retail buildings in Fraser adjacent to the Safeway store. The Fraser Marketplace project is due to be completed in the summer of 2006.

Submitted by Dave Scott, Winter Park Manager



St. Francis Medical Center, Colorado Springs, CO

Ground was recently broken for the new 350,000 sf, 158-bed St. Francis Medical Center. K+A performed the geotechnical engineering study for this full-service hospital, the adjoining 100,000 sf Ambulatory Surgery Center and two parking structures, and for the infrastructure of the 40-acre St. Francis Medical Center Campus. The campus will be located at the southeast corner of Powers Boulevard and Woodmen Road in rapidly-growing northeast Colorado Springs.

The hospital building will initially be constructed with a seven-story tower; addition of an eighth story is planned for future construction. Based on the results of our extensive subsurface study and analysis, drilled-pier foundations were recommended for support of the tower because of the heavy foundation loads. K+A contracted with Zonge Geosciences to perform Refraction Microtremor (ReMi) geophysical surveys to provide data to determine the IBC Site Class. The ReMi method uses measurement of ambient vibrations (e.g. from passing traffic and on-site drilling activities) through an array of geophones to develop the shear-wave velocity versus depth curve.

K+A will be performing all construction materials testing and observation for the Medical Center and Ambulatory Surgery Center building construction, which is scheduled for a 2008 completion. Construction of the foundations for the hospital and adjoining parking structure is scheduled to take eight weeks with three pier-drilling rigs (or six rig months). K+A is proud to have been selected to contribute to the successful completion of this important project.

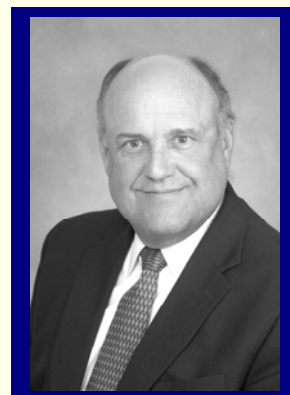
Submitted by Bruce Berends, P.E.



Congratulations

Donald R. Ganser, P.G.

Mr. Don Ganser, Director of Environmental Services, joined K+A in April 2006. Mr. Ganser has more than 30 years of experience in Phase I and II Environmental Site Assessments, NEPA, CERCLA, RCRA and UST site characterization and remedial investigations, groundwater modeling, feasibility studies, remedial design and implementation for industry and government. In addition, Mr. Ganser has extensive expertise in permitting, regulatory compliance and consultation to potentially responsible parties concerning CERCLA and RCRA sites throughout the United States.



Jeffrey Martin

Mr. Jeffrey R. Martin, Project Geologist, recently moved from New York to Colorado and joined K+A in April 2006. Mr. Martin has 6 years in the environmental consulting industry as a geologist. He brings a wide-ranging background, which includes remediation of drinking water supplies, emergency response projects at railroad sites, and the investigation of explosives-contaminated ground water at military bases.



For more information about K+A please see our website
www.kumarusa.com or contact Jeff Johnson at
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