

Richard “Rik” I. Day, Jr., P.E.

Senior Civil/Structural Engineer, Project Manager

Registration

- Registered Professional Engineer – Colorado, NCEES Record Set

Credentials

- Colorado School of Mines; BS; Engineering (Civil Option); 1999
- Colorado School of Mines; Minor; Economics; 1999

Professional History

7/15/2003-Present	AES Group, Inc.	Senior Engineer
2001-2003	Summit County Government	Asst. County Engineer
1999-2001	Martin Design, Inc.	Project Engineer
1998-1999	MK Centennial	Intern

Professional / Civic Associations

- AISC – American Institute of Steel Construction
- NCEES - National Council of Examiners for Engineering and Surveying

Experience Summary

- As a Senior Engineer at AES, Mr. Day provides project management for large projects, many of which have been at VA hospitals. He is involved in preparation of quotes, QA/QC and subcontractor coordination.
- Mr. Day’s engineering duties include analysis design of building structural systems, both residential and commercial, utilizing wood, steel, masonry, and reinforced concrete. He also performs design of site grading and drainage, determining storm piping, flow routing, and required detention for 1-, 50, and 100-yr storm recurrence intervals. Mr. Day has performed structural inspections for numerous insurance claims and related failures, as well as development and permitting review of grading, drainage, and road plans for local governments. Projects ranged in size from single family residences to subdivision development and include on site observations of grading activities. Also included management of flood plain regulations IAW FEMA and local regulations, review of variance requests, oversight of Local Improvement Districts, and review of traffic control signage requests.
- Mr. Day is proficient in AutoCAD, Autodesk Civil3D, Autodesk Revit, RAM Structural System, RAM Advanse, Visual Analysis, StruCalc, ARCVIEW GIS, Haested and HEC-RAS software.