

Twenty seven years experience as a structural engineer, the last 20 years with Cedar Corporation. Primary responsibilities include the design of bridges and oversight of construction management for all WisDOT transportation projects. Coordinated and managed staffing of Cedar Corporation personnel for the expansion of the Lee Score Memorial Airport in Menomonie. As project manager for repair of the Amery Dam, was responsible for investigation for security against underseepage and design of the steel sheet piling wall. Also developed Concept Study for Wright Dam at Taliesin in Spring Green, Wisconsin. Areas of expertise include the following:



- Bridge inspection of approximately 1,140 structures (in accordance with 23 CFR Part 650).
- Construction manager for approximately 100 WisDOT transportation-related projects.
- Bridge design/hydraulic analyses/management for more than 200 structures.
- Design of guyed / unguyed tubular steel transmission structures w/ connections up to 200' tall. Structure types include cantilever and a wide variety of rigid frame configurations such as “H”, “X”, “Y” and other miscellaneous types.
- Design of spread and pile supported foundations, retaining walls, and tie-back anchor retaining systems.
- Load rating of timber, concrete and steel single and multi-span structures including truss structures.
- Structural inspection of residential, commercial, industrial, educational, and religious buildings.
- Design of single- and multi-story building structures, including timber, steel, reinforced concrete, prestressed concrete, and composite design.
- Investigation of dams for security against underseepage and overturning, and design of waterway gate systems.

Professional Registration

Professional Engineer—Wisconsin

Education

University of Wisconsin-Platteville, Bachelor of Science, Civil Engineering (1981)

Mid-State Technical College – Wisconsin Rapids, Associate of Science in Civil Technology (1976)

Professional Affiliations

Past-President, Northwest Branch-American Society of Civil Engineers

Employment History

1987 - present Cedar Corporation

1985 - 1987 Ayres Associates

1981 - 1984 ITT Meyer Industrial, Inc.