

Chad A. Bacas, P.E.

Sr. Project Civil Engineer



Active firm member since 1996
With other firms: 1.0

Bachelor of Science / 1995 / Civil Engineering
M.B.A. / 2001 / Business Administration

Active registration: Year first registered: 2000
Branch: Civil LA License No. 28786

Mr. Bacas has proved himself to be a very valuable member of our firm. He has participated in a variety of projects from design through construction to final project closeout.

Mr. Bacas offers the following skills in Civil Engineering Design:

- Water Treatment and Water Distribution design including ground and elevated storage and fire water capacity.
- Wastewater Collection and Wastewater Treatment including SBR Treatment Plants and Extended Aeration Plant design.
- Roadway Design including rural and urban roadways to State and Federal Guidelines.
- Pavement Evaluation and Design to meet State and Federal Guidelines.
- Drainage Design including both open and sub-surface drainage systems.
- Global Information System (GIS) capabilities.
- Civil Site Work design including all utilities, drainage, site layout and planning.
- Infrastructure design for Correctional Facilities including Parish, State and Federal design standards.
- Subdivision Design including small re-subdivisions to multi acre developments including all associated civil sitework to service the development.

Mr. Bacas offers the following software skills:

AutoCAD

Eagle Point

Microsoft Office including Word, Excel, Access, PowerPoint and Project

Haestad Methods Culvert Master, Flowmaster and Watercad

DHI software (water system program)

LA DOTD hydraulic programs (HydrWint, detention pond)

HECRAS hydraulic program

Macromedia Dreamweaver (website development)