

STATEMENT OF CAPABILITIES

CORE COMPETENCIES

Tatro Hinds Advanced Concrete Engineering, Inc. is a small business consulting firm providing engineering and construction services to firms engaged in the design and or construction of concrete structures. Our firm of 2 technical specialists has over 90 years of combined experience. Our firm assists large and small, international and domestic governmental and private organizations by providing focused technical support on a project basis. Our focus is on concrete materials and their use in the design and construction of structures such as dams, bridges, tanks, pavements, foundations, and others. Our team offers the following services:

Materials evaluation
Laboratory testing
Mixture design
Design consultation
Construction management
Team training
Thermal analyses

Crack analysis
Technical review
Construction consultation
Inspection
Test section and demonstration
Planning and design
Specialized testing

Evaluation
Submittal review
QA and QC oversight
Plant evaluations
Specification preparation

DIFFERENTIATORS

- Small and nimble firm
- Specialists in many aspects of concrete
- Experts in testing and evaluation
- Expedient and responsive service
- Innovative approaches
- Use most current technology
- Can easily integrate into and supplement existing teams
- Assistance with planning, design and construction
- Work well with owners, engineers and contractors
- Vast experience in all phases of large and small projects
- Capable of performing specialized or one-of-a-kind testing
- Concrete plant inspection and evaluation
- Evaluation of concrete distress problems

RECENT or RELEVANT PROJECTS

Punatsangchhu Hydropower Project, Bhutan. New headworks dam of 1.5 million cubic meters of RCC and conventional mass concrete. Retained by contractor for phase 1 and by foreign government for phase 2. Performed extensive trial mixture program and property testing program.

Captain William Henry Morgan Bridge, Skagway, AK. Replacement bridge using RCC as a 100-foot tall roadway section spanning a narrow gorge. Retained by engineering firm in direct support of state government. Innovative use of RCC and difficult placing conditions

Prado Dam, Corona, CA. Modification of spillway crest, labyrinth chute gravity walls of major flood control dam. Up to 500,000 cubic meters of RCC and CVC for structures. Performed all trial mixtures, RCC design, and specifications. Retained by engineering firm in direct support of federal government.

Kensington Mine Spillway Modification, Juneau, AK. RCC spillway raise for Stage 2 mine tailings dam. Small but complex project. Retained by construction firm indirect support of mining company

BC Hydro Site C Dam, British Columbia. Performing shear testing of RCC core to determine shear properties for major hydroelectric project.

Wyaralong Dam, Queensland. Provided advisory services to Queensland Infrastructure, including planning assistance, and served on technical review board during construction.

LICENSES AND CERTIFICATIONS

Professional Engineer in Washington
Professional Engineer in Oregon
Registered System for Award Management (Sam) as a small business concern.

CODES

Duns #: 843952735
NAICS Codes: 541330
CAGE Code: 6YH94