



Project Name: Covered Bridge over the Kennebec River

Location: Norridgewock, Maine

Owner: Maine Department of Transportation

Client: Finley Engineering Group, Inc (SEA Consultants and Massachusetts Highway Department)

Project Facts: The \$21 Million project is a cast-in-place concrete tied arch bridge with a 300' span. The bottom longitudinal edge girders are to be cast-in-place on false work and the majority of the transverse floorbeams are precast and set in place and cast monolithic with the edge girders. The bottom chords are to be post-tensioned prior to the removal of the false work. A temporary bridge is to be constructed to reroute the existing traffic during the construction of the new bridge. It was anticipated that the contractor would be required to construct the bridge using cranes off of a temporary work bridge that go across the river.

Services Provided: Provide the client with a detailed "contractor style" estimate and project schedule in order to develop a budget for the Massachusetts Highway Department. A constructability review was also provided for the designer for the temporary and permanent bridge crossings.

When: January thru April 2007