

2nd Biennial

Movable Bridge Symposium

November 10, 11, & 12, 1987

St. Petersburg Beach, Florida

BASCULE BRIDGE DELAY CLAIMS -

PROBLEMS AND RECOMMENDATIONS

by

Frank McDonough, P.E.

Executive Vice-President

ALPHA CORPORATION

Construction and Engineering

Vienna, Virginia

BASCULE BRIDGE DELAY CLAIMS -
PROBLEMS AND RECOMMENDATIONS

The presentation will focus on the construction and rehabilitation of two bascule bridges still troubled by contractor delay claims more than five years after completion of construction.

PROBLEMS ENCOUNTERED

- Delay in approval of shop drawings
 - electrical power
 - bascule operating machinery
 - structural steel
- Design changes during construction
 - update of AASHTO design codes
- Conflicts between bascule machinery and structural steel
- Balancing problems
- Camber problems
- Delay damages claimed

RECOMMENDATIONS

- Design
- Shop Drawing Review
- Scheduling
- Construction Management