MaineDOT Moveable Bridge Inspection

Moveable Bridge Inventory:
- 3 Vertical Lift Bridges
- 3 Bascule Bridges
- 3 Swing Bridges
- 11 Ferry Transfer Bridges

New ME-NH Sarah Long Bridge (opening October 2017)
Inspection Procedures

• MaineDOT uses ADE 802-804
  – Element 802 – Moveable Bridge Components – Small
  – Element 803 – Moveable Bridge Components – Medium
  – Element 804 – Moveable Bridge Components - Large

• Quantity is 1 Each per bridge

• Element defines:
  – all moveable components towers, and associated coatings. Included are motors, electrical components, operator’s house, gears, hydraulics, and cables.
Inspection Procedures

• MaineDOT Regional Bridge Manager and Operator are present for routine inspections.
• Consultants with mechanical/electrical expertise are utilized every 5-6 years for an in depth inspection of those components.