Benson Bridge Rehabilitation

Submitted by Cache County 1857
Project Location

Benson Bridge Rehabilitation
Existing Condition

• Deck
  – Chloride Ion Content
  – Corrosion of Rebar
  – Delamination & Spalling
Existing Condition

Expansion Joints
Existing Condition

Pier Caps and Pier Diaphragms
Existing Condition

Girders
Methods of Repair

- Deck → Hydrodemolition and Replacement
- Diaphragms → Clean and Repair
- Girder Ends → Clean and Repair
- Joints at Piers → Full Closure
- Joints at Abutments → Replacement
- Additional Concrete Repairs
Cost Estimate

• Funding
  – $658,250 Total Cost
  – $293,150 Funding Request

• Noteworthy Items
  – 55% Match
  – Protection from Future Deterioration
Questions