Overview

- Bridge Overview
- Splash Zone Condition
- Roadway Bracket Removal
- Current Project
  - Floor System Panel Details
  - Truss Bottom Chord Replacement
  - Bottom Chord Strengthening
  - Bottom Chord Jacking Scheme
  - Sole Plate and Grillage Replacement
  - Substantial Completion
- Acknowledgments
Bridge Overview

TYPICAL BRIDGE ON CANAL
Splash Zone Condition
Railroad Floor System Condition
Current Project

Floor System & Chord Replacement  10  Closure Weeks
Chord Strengthening  2
Bearing Rehabilitation  2
Total  14  Closure Weeks
1. Port of New Orleans brokered agreements with stakeholders who accepted the closure schedule.
   Stakeholders:
   Port of New Orleans
   Norfolk Southern Railroad
   U.S. Coast Guard
   Mariners

2. Railroad Agrees to operate on one track.

3. Panelized construction sequences developed to validate closure periods.

4. 50% fabricated material on-site before 1st closure.

5. Contractor produced in-house shop drawings that included field determined as-built conditions at the bridge.
Floorbeam Replacement

Existing

Replacement
Floor System Panelization Detail
Seabrook Bridge
Panel 12-14
Floor System Changeout
March 16, 2017
8:50 AM to 5:00 PM
Truss Bottom Chord Replacement

Type A

Type B
Truss Bottom Chord Replacement
Truss Bottom Chord Replacement
Standoff Plates at Truss Gussets
Bottom Chord Strengthening Detail
Bottom Chord Strengthening Detail
Bottom Chord Strengthening Detail
Bottom Chord Jacking Scheme
Bottom Chord Jacking Scheme
Sole Plate and Grillage Replacement
Acknowledgements

- Port of New Orleans
- Norfolk Southern
- U.S. Coast Guard
- C.E.C., INC.
- Modjeski & Masters