



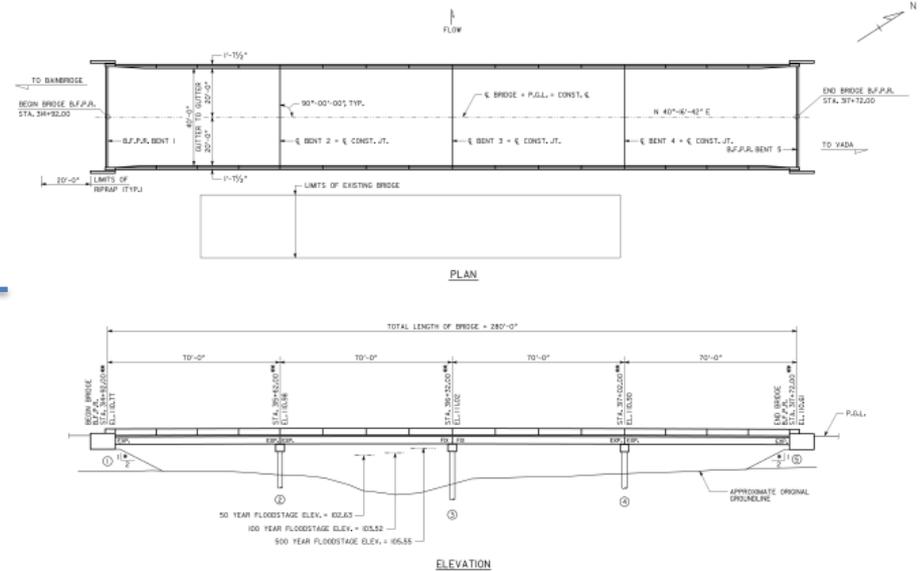
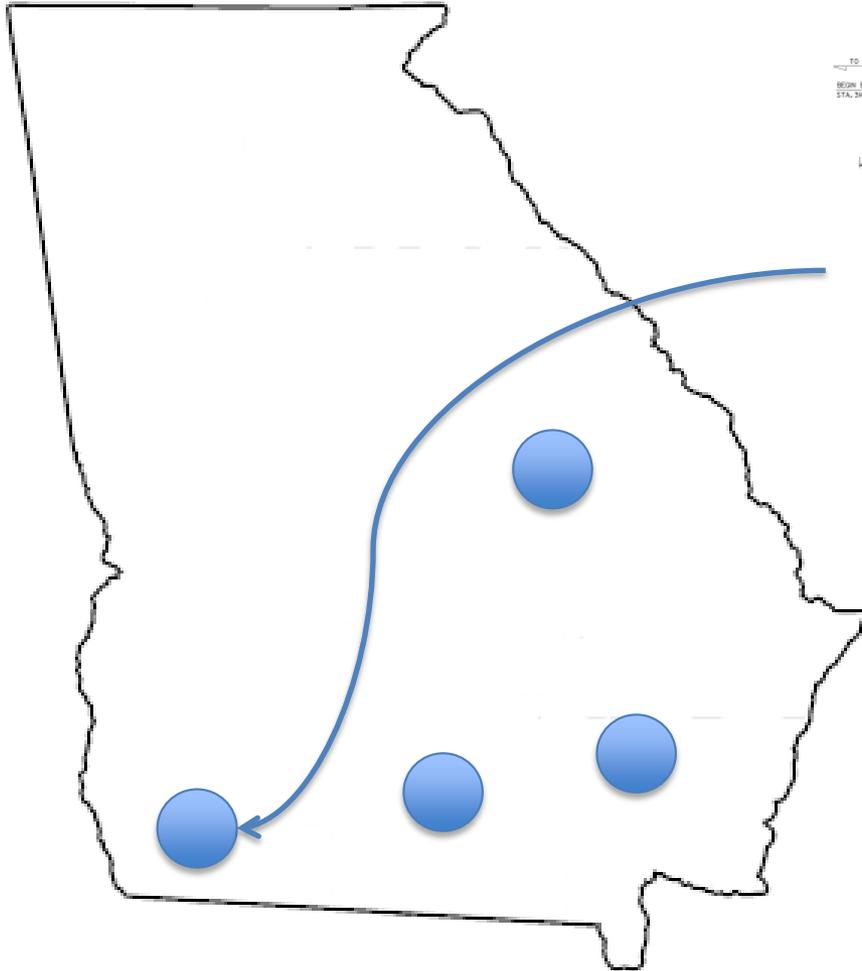
# Georgia DOT Experiences with PBES/ABC

**Bill DuVall, Office of Bridge Design**

SHRP2 Solutions: Innovative Bridge Designs for Rapid Renewal  
Atlanta, Georgia Peer-to-Peer Exchange Workshop  
November 17, 2015



# NEXT F



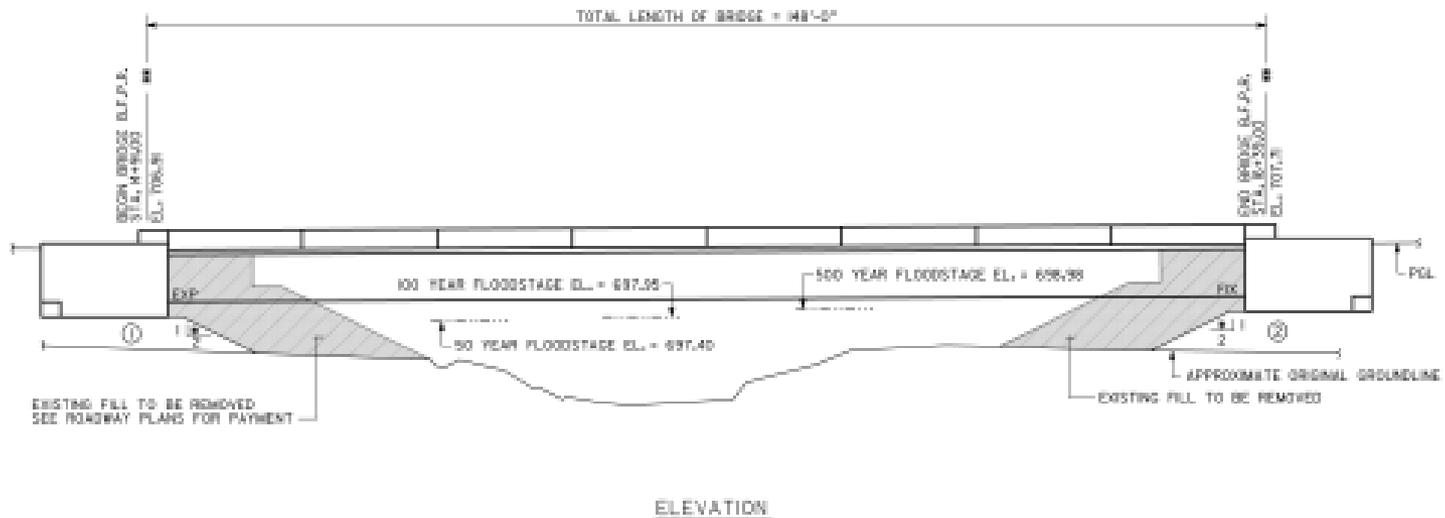
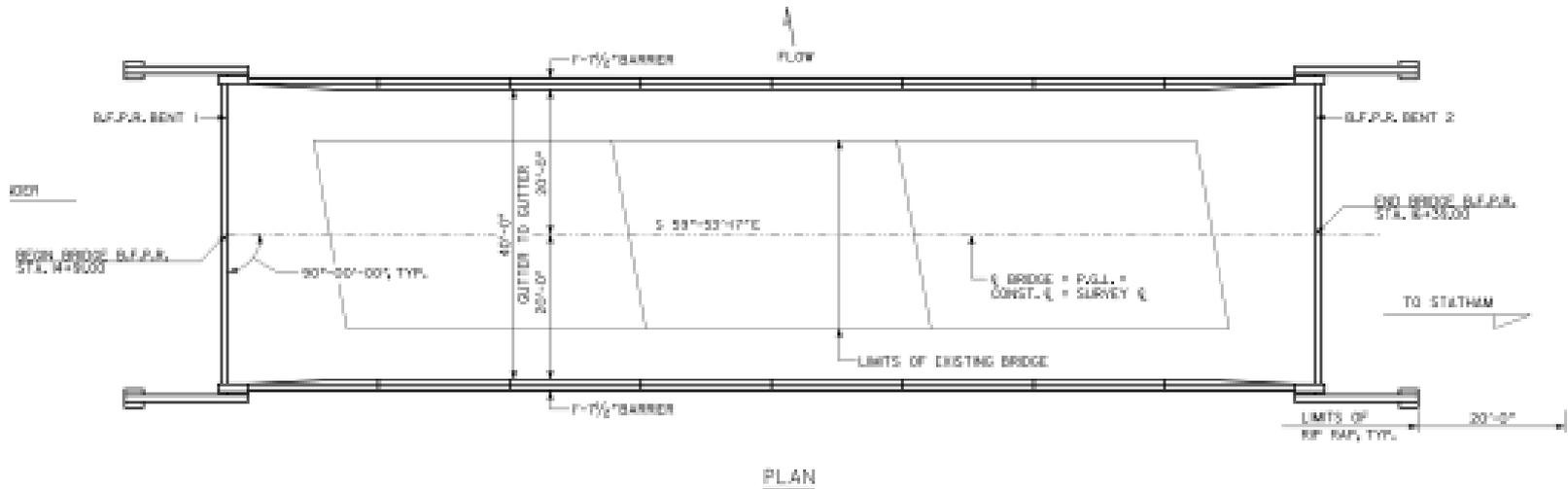
Span Ranges from 40 to 70 feet

Depth: 24", 32" and 36"

Typical Bridge Width Ranges from 30 to 40 feet

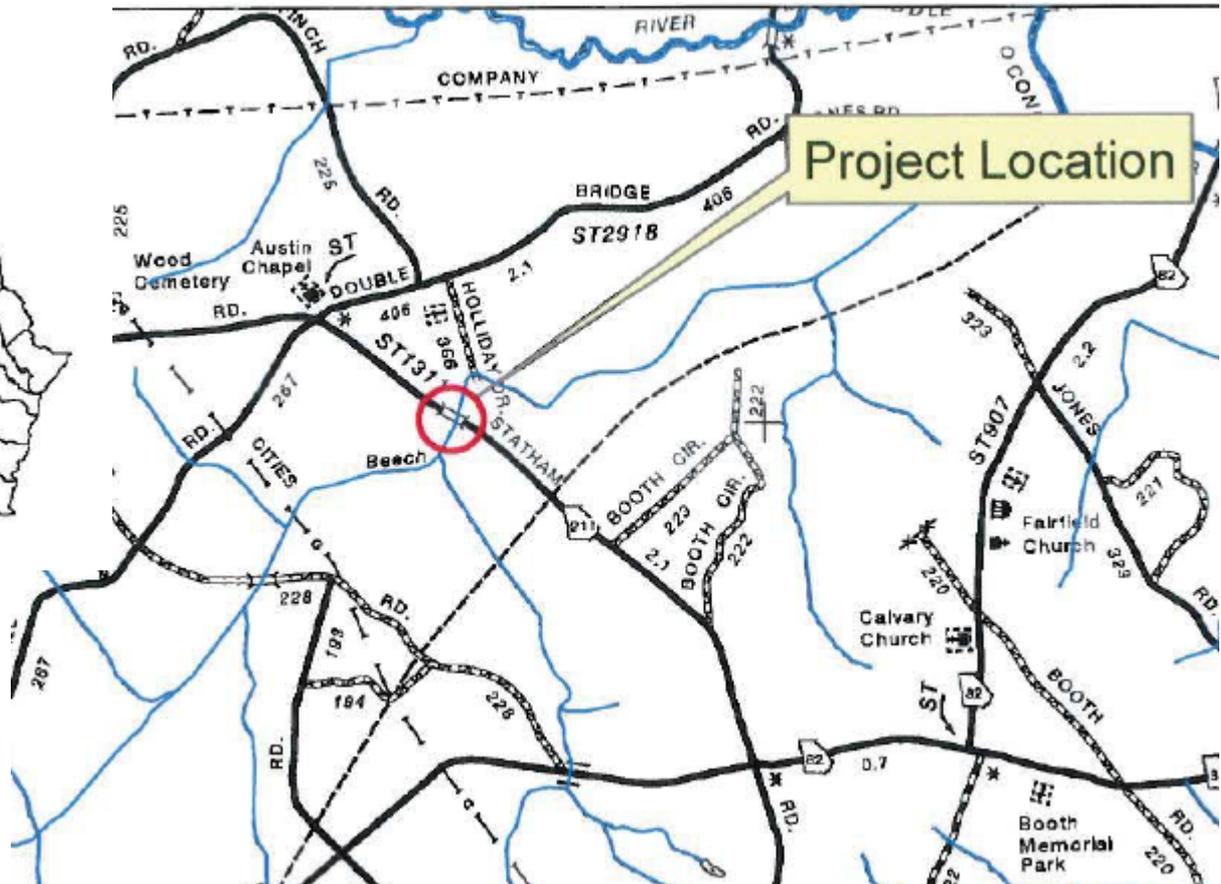


# Precast Deck



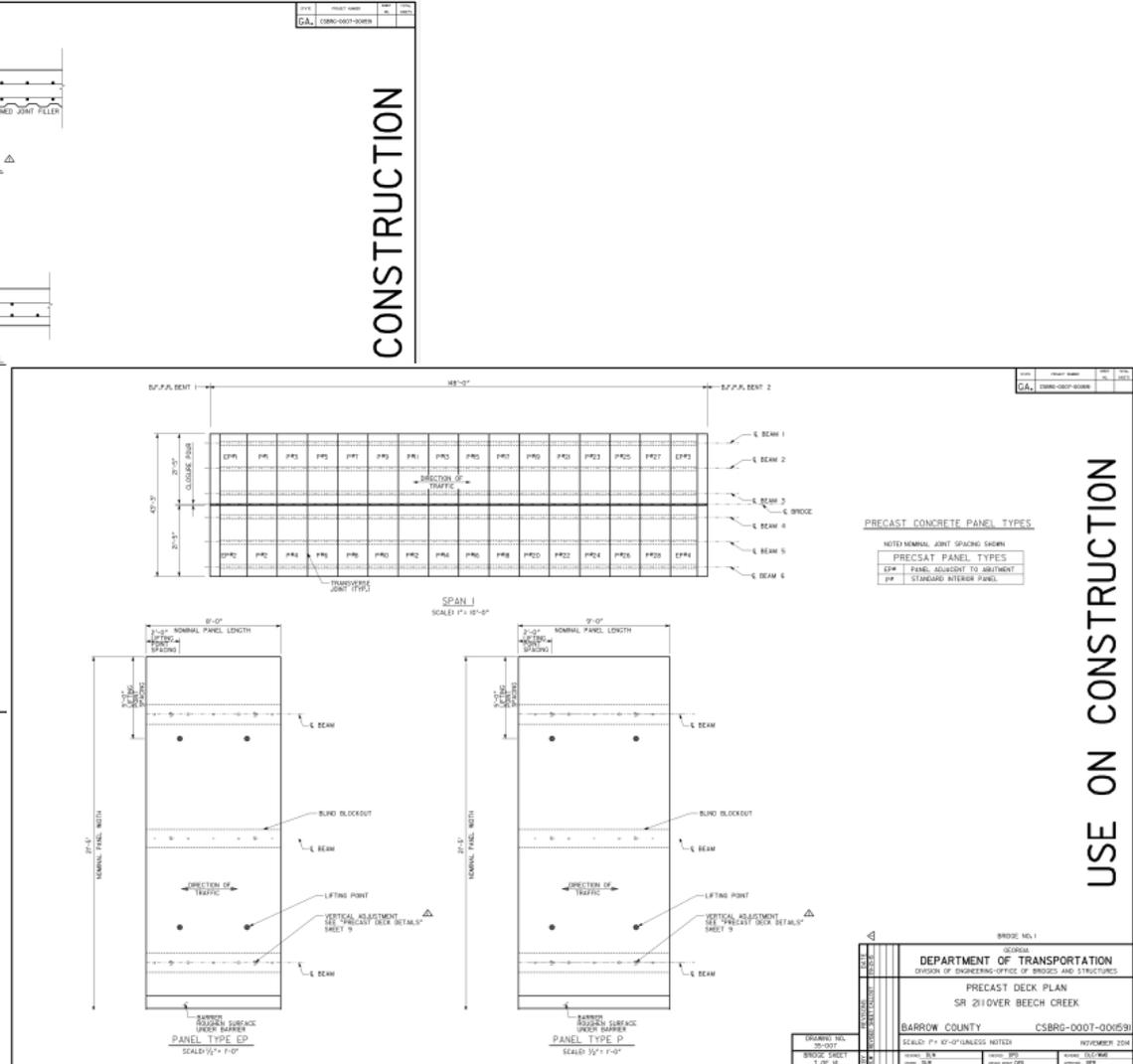
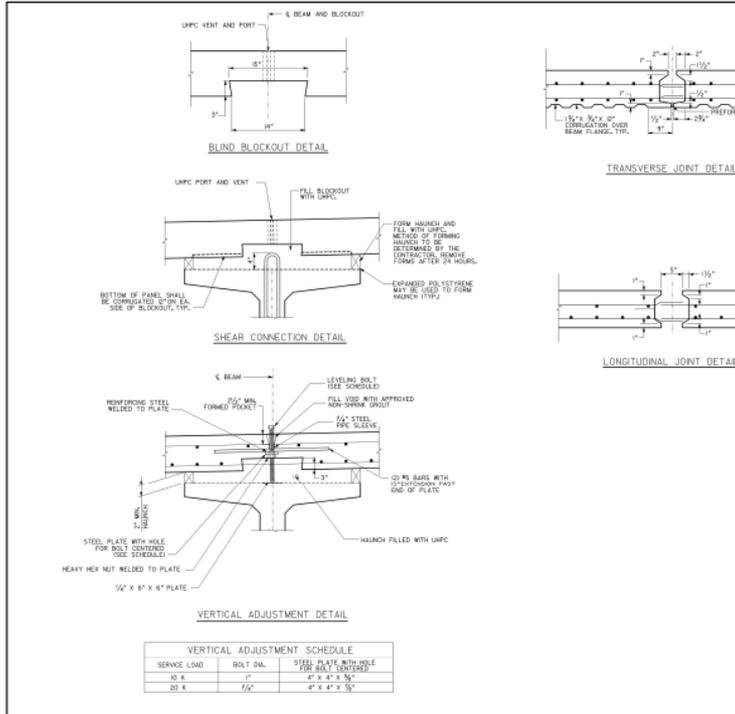


# Precast Deck





# Precast Deck



**USE ON CONSTRUCTION**

BRIDGE NO. 1

DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING-OFFICE OF BRIDGES AND STRUCTURES

PRECIPITATION DECK PLAN  
SR 211 OVER BEECH CREEK

BARROW COUNTY CSBRG-0007-0005(9)

DESIGNED: NDL  
CHECKED: JLR  
DATE: 01/07/10

SCALE: 1/4" = 1'-0"

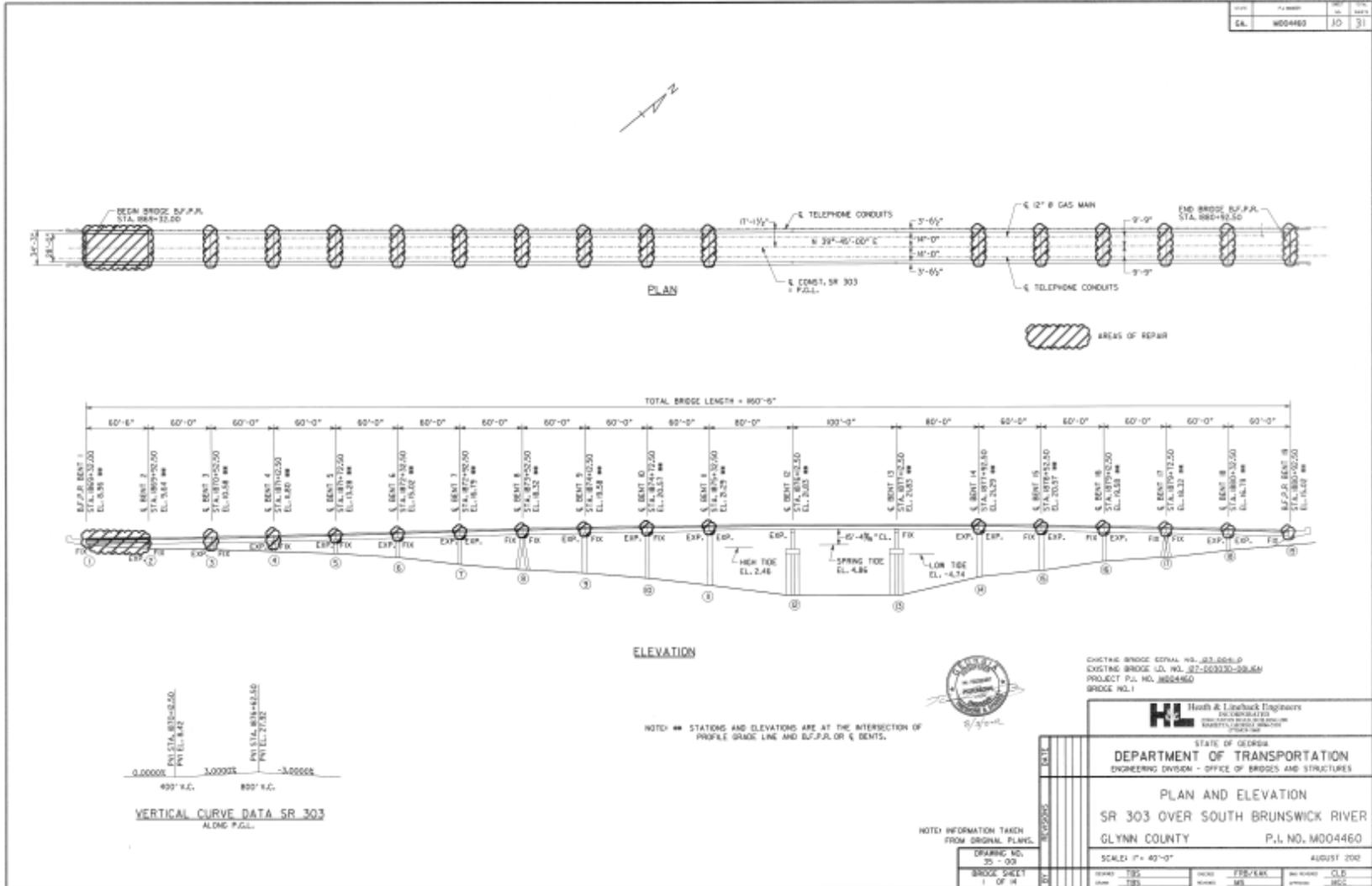
NOVEMBER 2010

DATE: 01/07/10

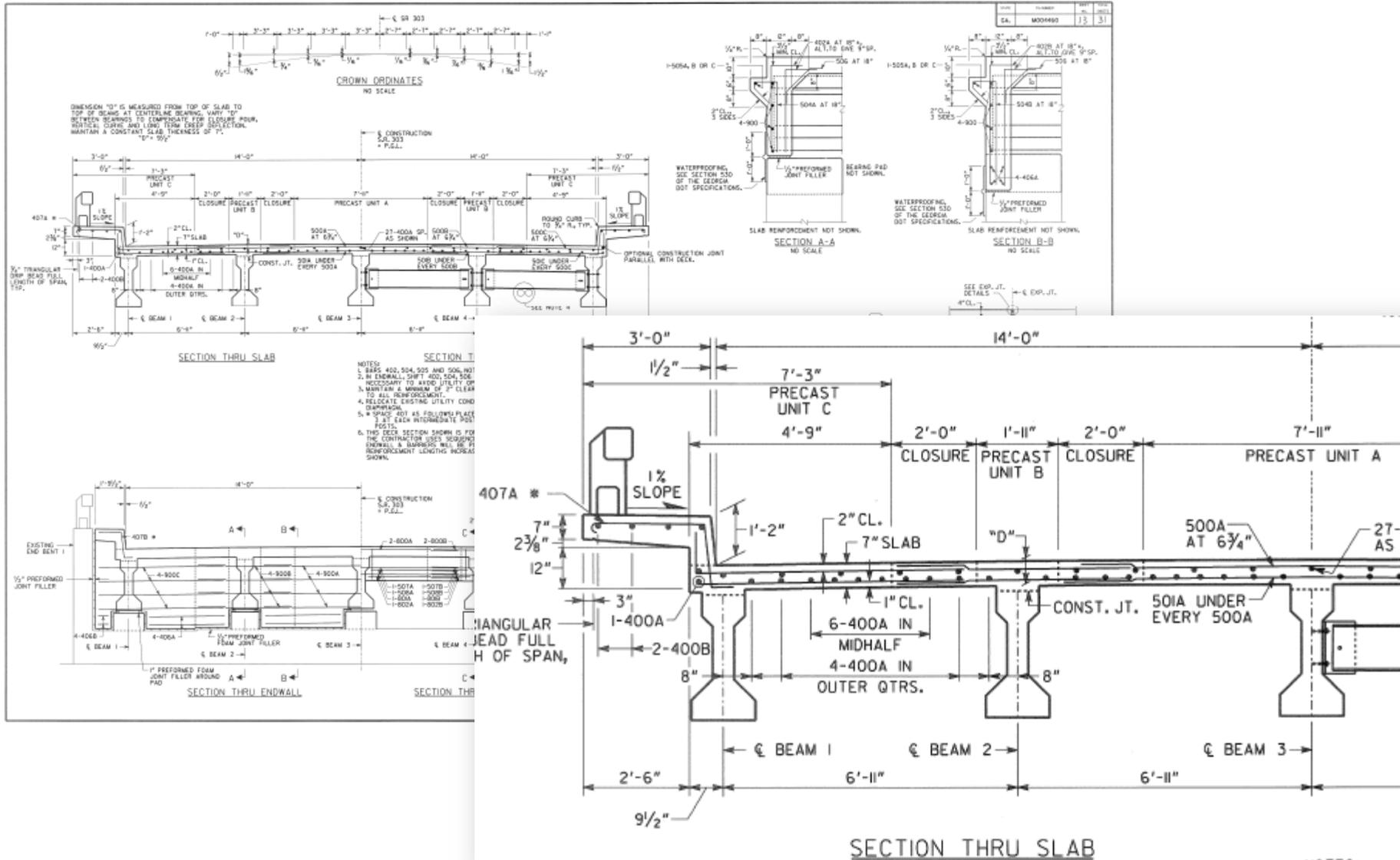




# Deck AASHTO Type II

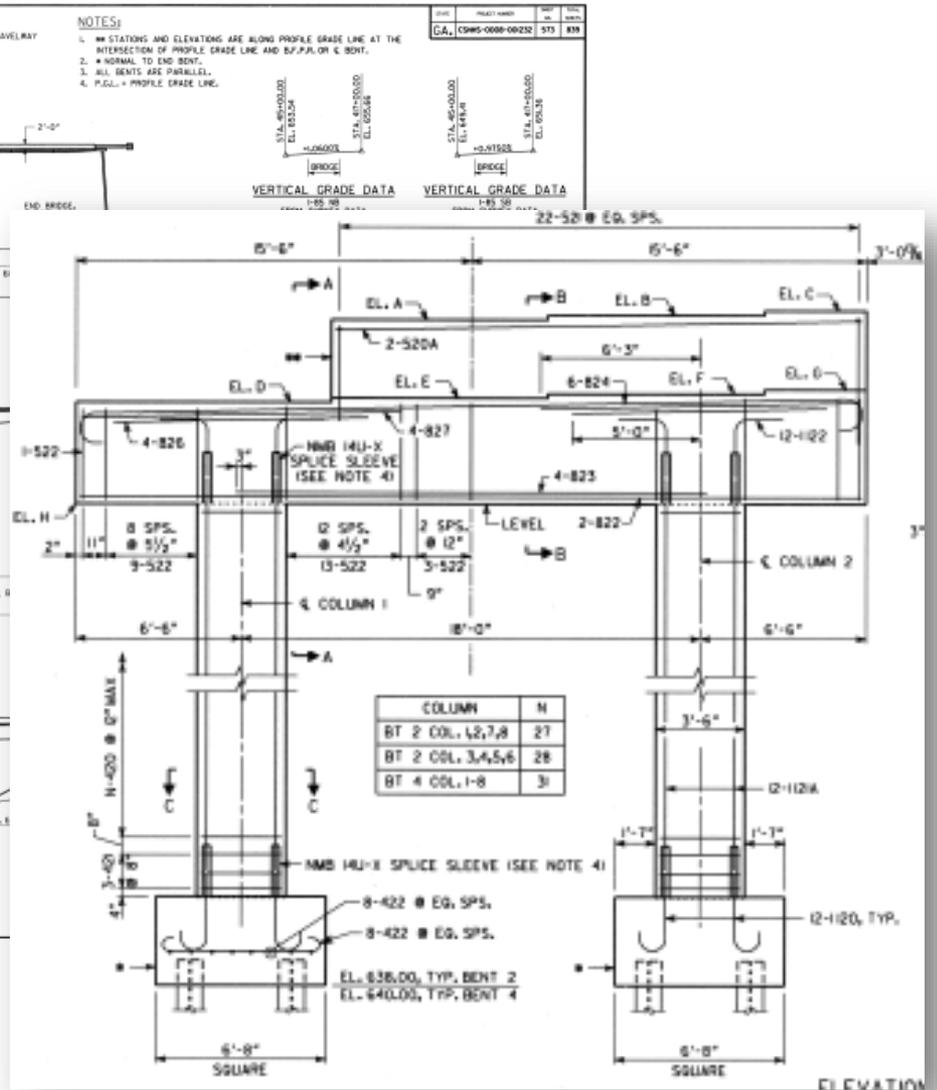
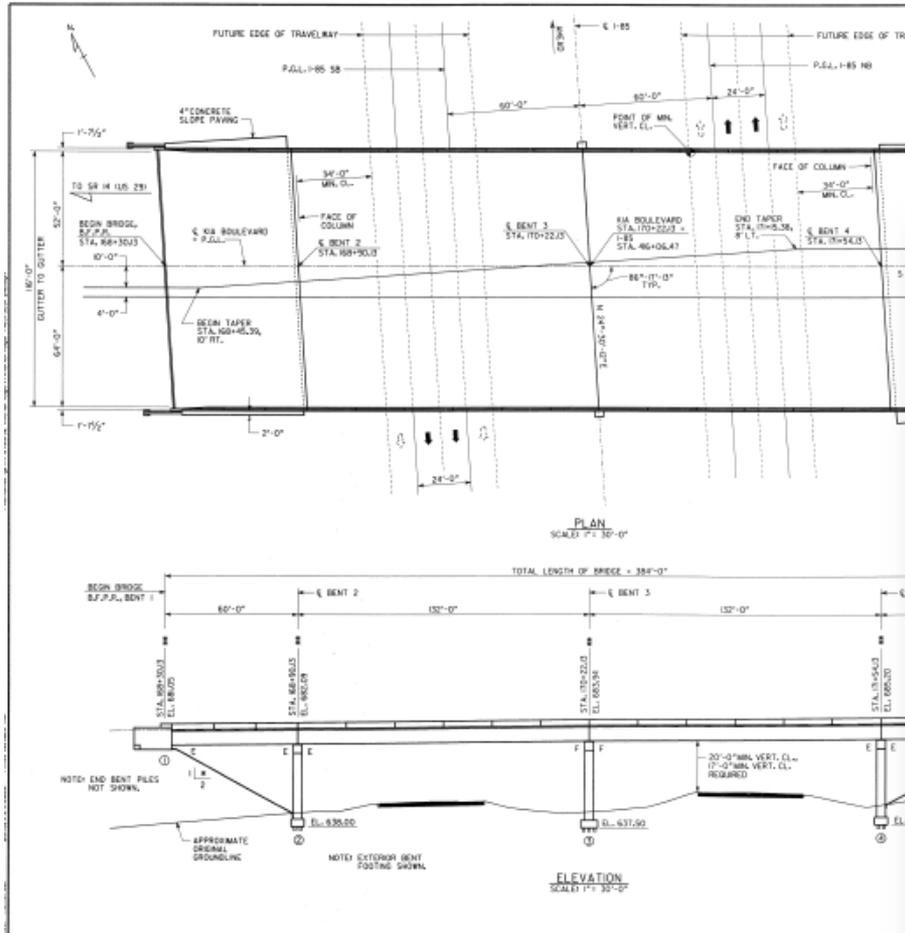


# Deck AASHTO Type II





# Precast Substructure



# Precast Substructure



**Precast Bents  
KIA Boulevard over I-85  
Troup County, Georgia**



# Precast Substructure



# LIBP

## Georgia Department of Transportation's Low Impact Bridge Program

Environmental Streamlining  
Practical Design  
No ROW  
Accelerated Schedule





# LIBP

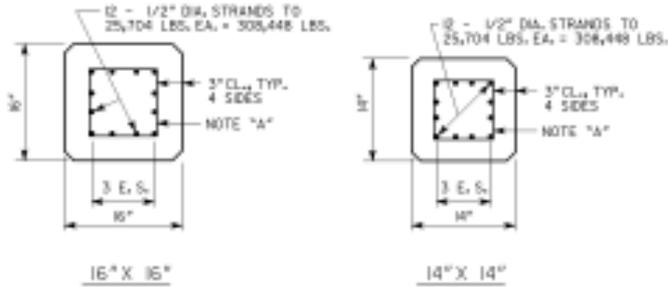




# LIBP

- Started with 190 Candidate Bridges
- Narrowed List to 31
- 14 Total Projects Being Developed
- Plan to Select 30 More Bridges this Year

# Corrosion Resistant Piling



E/S = EQUAL SPACES  
NOTE "A" = NO. 5 BIRMINGHAM GAGE WIRE SPIRAL  
**PILE CROSS SECTIONS**

