SR 9B PHASE III
FROM CR 2209 TO I-95
St. Johns County, FL
PROJECT OVERVIEW

- Last of three sections of limited access road
- Total 9 bridge structures
- Full ITS & lighting
- Complete 3D design

- 7,700 CY of structural concrete
- 21,600 LF of prestressed piling
- 1.72M CY of embankment
- Approved ATCs resulted in $2M savings
CONCRETE PAVEMENT

- 2.5 miles of new limited access freeway
- 141,000 CY of concrete
- 9 new bridge structures
- 16,000 LF of prestressed concrete beams

- 7,700 CY of structural concrete
- 4 pairs of overpass bridge structures
STRUCTURES

DURBIN CREEK BRIDGES
• Twin bridges with 10 spans
• 833-feet long
• Protect environmentally sensitive Durbin Creek
• Constructed using a temporary work trestle

PREFABRICATED PEDESTRIAN BRIDGE
• 140-ft over Payton Parkway
• Erected in 1 night with road closure
• Increased safety
FIRST FDOT PROJECT COMPLETELY DESIGNED & BUILT USING 3D

- Designed & modeled in Bentley Open Roads (ORD)
- Automated machine guidance for asphalt paving & finishing work
- Additional layer of quality control during design & construction
- Reduced construction errors
- Eliminated need for ROW staking
- Faster construction & greater accuracy
- Improved safety for construction personnel