Typical Handling of Utilities in Precast Bridge Structures
1. Blockout can be a blockout for another pipe placed in field or used as the pipe
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2. Can be placed as one large blockout with multiply smaller pipe placed in field – square or round
Stay-In-Place
Precast Full Depth
Bridge Deck Panels
Precast used as form between Girders
Precast used as slab with pour strip above the Girders
Bulb-T Girders

144'-6"

6' - 6\(\frac{3}{4}\)

95'-0\(\frac{3}{8}\)"

4' - 7\(\frac{1}{8}\)"
• Strong Section
• Stable for Handling
“I” Girder

130'\(\frac{3}{8}\)
• Weaker Section at long Lengths
• Need to be stabilized during handling
Added bracing for handling
Plan with bracing