



UNITED STATES-CANADA INFRASTRUCTURE UPDATE

Detroit, Michigan

SELF-SPANNING FORMWORK CAPABILITIES CRITICAL IN BRIDGE CONSTRUCTION

Infrastructure is essential for transporting food, goods, and services, accessing clean water, traveling, and commuting. The United States and Canada are working together to build a seamless highway between Windsor, Ontario, and Detroit, Michigan. EFCO will provide the formwork for this critical project utilizing the self-spanning capabilities of the **PLATE GIRDER®** and **SUPER PLATE GIRDER®** formwork systems for the Gordie Howe International Bridge.

BRIDGE PROVIDES SAFE & QUICK INTERNATIONAL TRAVEL

The construction of the Gordie Howe International Bridge is a once-in-a-generation undertaking. Considered one of North America's most significant infrastructure projects, the 4.4-billion-dollar bridge is scheduled to open to traffic in 2024. Furthermore, the project promises to provide safer and quicker international travel from the United States to Canada and vice versa.

DESIGN, PLANNING, AND MAINTENANCE PARTNERSHIP FOR BORDER CROSSING

This US-Canadian border crossing project is a public-private partnership (P3). The partners ensure the performance of the infrastructure, from design and planning to long-term maintenance. **Bridging North America Constructors (BNA)** was awarded the project and chose EFCO as their formwork partner. BNA is a collaboration of Fluor, ACS Infrastructure Canada, and Aecon Group Inc.




INFRASTRUCTURE PROJECT REQUIRES EFCO FORMWORK

BNA Constructors began with the bridge tie-in structures to I-75 in Detroit, Michigan. They purchased approximately 10,420 ft² and leased about 13,800 ft² of EFCO *PLATE GIRDER*[®] forms to build the numerous abutments, pier stems, pier walls, and hammerhead caps associated with the tie-in of the Port of Entry to I-75. BNA also purchased approximately 1,566 ft² of EFCO's Barrier Rail formwork to form the transition barriers and bridge Barrier Rail.

APPROACH PIERS FROM MAIN BRIDGE USING EFCO FORMWORK

Later this fall, BNA plans to construct the approach piers that come from the main bridge and connect the I-75 tie-in structures. They will use *PLATE GIRDER*, *SUPER PLATE GIRDER*, custom-made EFCO formwork, and heavy-duty accessories for this step.

Look for more updates on this project soon. 



EFCO EQUIPMENT

SUPER PLATE GIRDER[®], *PLATE GIRDER*[®]

BNA CONSTRUCTORS TEAM

Bruce YoungLead Superintendent I-75
Ron JamesLead Superintendent I-75
Rafael CostaConstruction Manager I-75

EFCO FORMWORK SPECIALISTS—COLUMBUS

Eddie George. Sr. Territory Manager
Brian JenneField Supervisor
Dan Burns.Engineer

FOR MORE INFO

Gordie Howe International Bridge-video

Tower Construction of the Gordie Howe International Bridge Entering Next Stage-video

Pier Table Work on the Gordie Howe International Bridge-video

Gordie Howe International Bridge-video

