

Improved Ribbon Bridge (IRB)

Improves mobility by providing continuous roadway or raft capable of crossing military load classification 100(wheeled)/80(tracked) vehicles over non-fordable wet gaps.



DESCRIPTION AND SPECIFICATIONS

The Improved Ribbon Bridge (IRB) system is designed to replace the Standard Ribbon Bridge, which has exceeded its service life.

The system uses modular, aluminum bays with integral superstructure and floating supports to provide a continuous floating roadway operable in currents up to 10.5 feet per second.

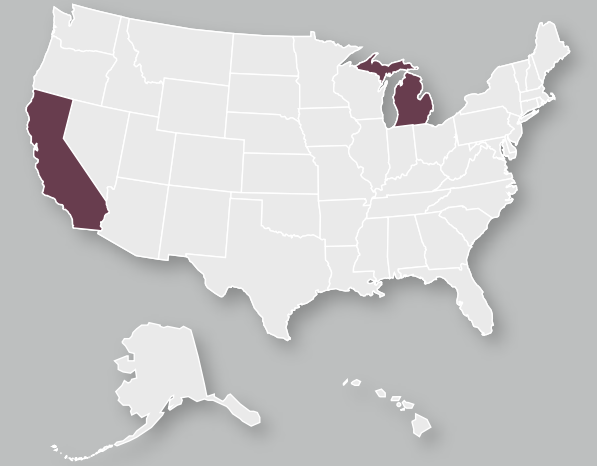
Fielded to multi-role bridge companies, the bridge modules are mounted on M15 Bridge Adapter Pallets and transported using M1977 Common Bridge Transporters and M1076 Palletized Load System Trailers. A 100-meter bridge can be built in less than 60 minutes (daytime).

PROGRAM STATUS

- **3QFY04** Fielded to 299th Multi-Role Bridge Company and 200th Multi-Role Bridge Company
- **4QFY04** Fielded to 459th Multi-Role Bridge Company

PROJECTED ACTIVITIES

- **2QFY05** Award new sole-source requirements contract
- **2QFY05** Complete fielding to 652nd Multi-Role Bridge Company



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CONTRACTORS

Manufacturer:

General Dynamics (Santa Barbara, CA)
Sistemas (Kaiserslautern, Germany)

Logistic Support: AM General (Livonia, MI)

INVESTMENT COMPONENT

Modernization

ACQUISITION PHASE

- Production and Deployment