

SINGLE SPAN



A single span unit can span up to 120'. Designed to CSA specifications these units are quick and easy to install to provide safe access across.

MULTI SPAN

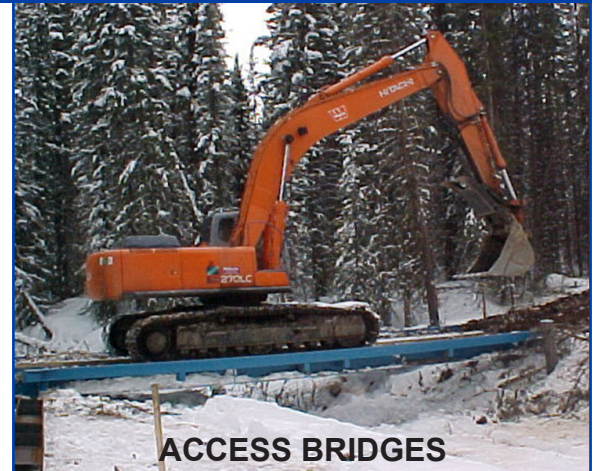
A multiple span unit is made up of as many single span units bolted together to cover the span required.



ENVIRONMENTAL BRIDGES



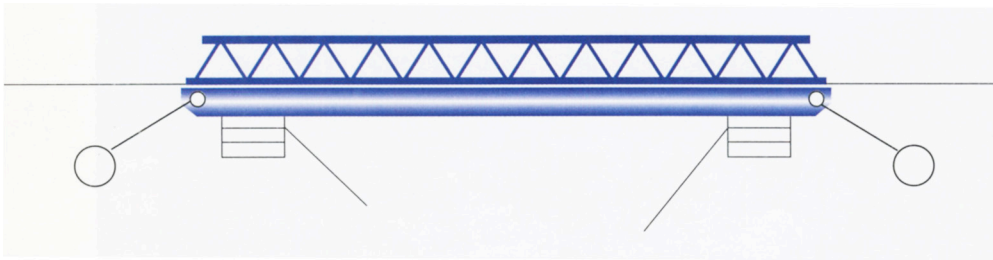
Low profile, simple span steel units can quickly be put in place to provide quick access.



INSTALLATION

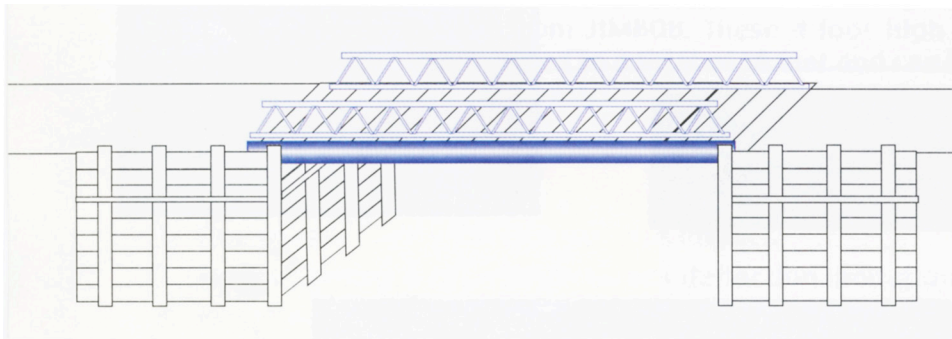
PORTABLE BRIDGES, ABUTMENTS AND WING WALLS

EXAMPLE A



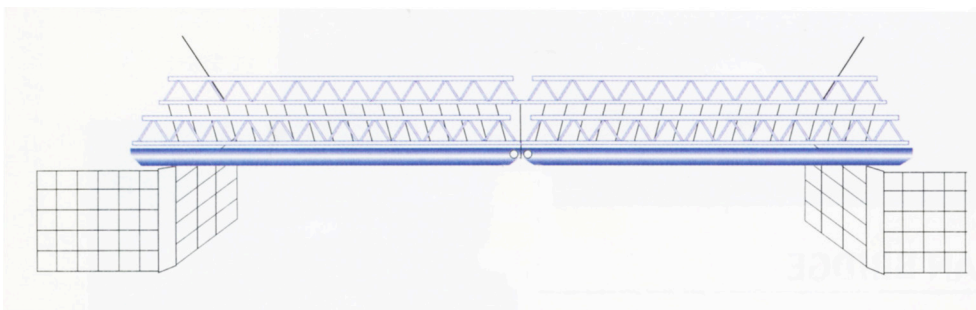
Installation where creeks and banks are solid and bridge embankments or piles are not needed.

EXAMPLE B



With timber embankments tied down to deadman as in Example A.

EXAMPLE C

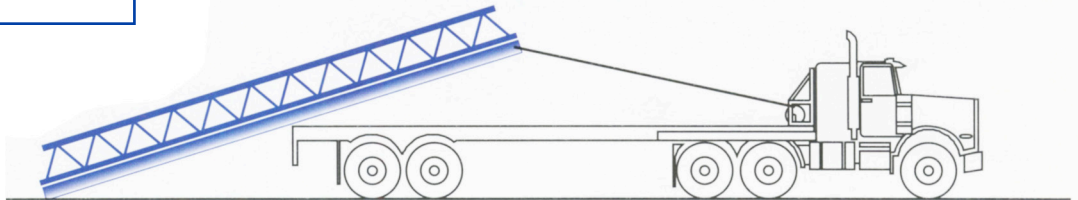


Multiple span using portable bridge embankment FACE FRAMES and WINGS for the banks.

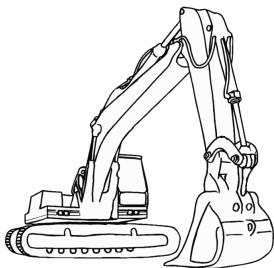
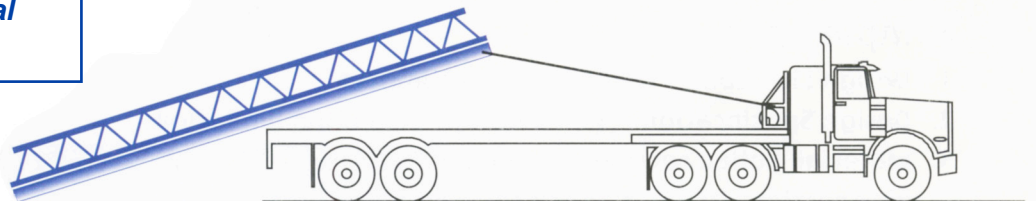
INSTALLATION

PORTABLE BRIDGES, ABUTMENTS AND WING WALLS

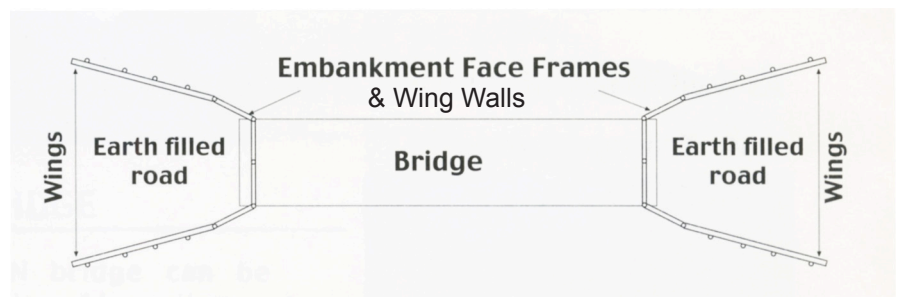
Sixty foot SIMPLE SPAN is winched aboard a flat-bed trailer.



With site prepared, bridge is placed in position with the aid of a hoe or additional bedtruck.



A plan view of a typical single span installation, including JIMBOB EMBANKMENT FACE FRAMES and WING WALLS.



BRIDGE INSTALLATION



Jim Bob Bridges are built to CSA W59.1 specification standards. They are engineered, insured and bonded.

- ABUTMENT PERMANENT PILING INSTALLATION
- PILINGS FOR ABUTMENT
- ABUTMENT WITH WING WALL

SIMPLE SPAN

1. Design Live Load - CS750 truck plus impact.
2. Design Specification - S6-88 except deflection limitation.
3. Material: Rolled sections to CSA G40.21 Grade 44W, pipe sections to ASTM A53 Grade B, HSS sections to CSA G40.21 Grade 50W
4. Weld to CSA W59.1
5. Bridge to be supported at end diaphragm and tied back to the abutment with cables at the 8" Ø pipe before opening to traffic.
6. Timber material to be species Group D or better.



As well as installation, we provide total packages including:

- Transportation
- Engineering
- All permits
- Hydrology
- Site Preparation
- Supervision



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