

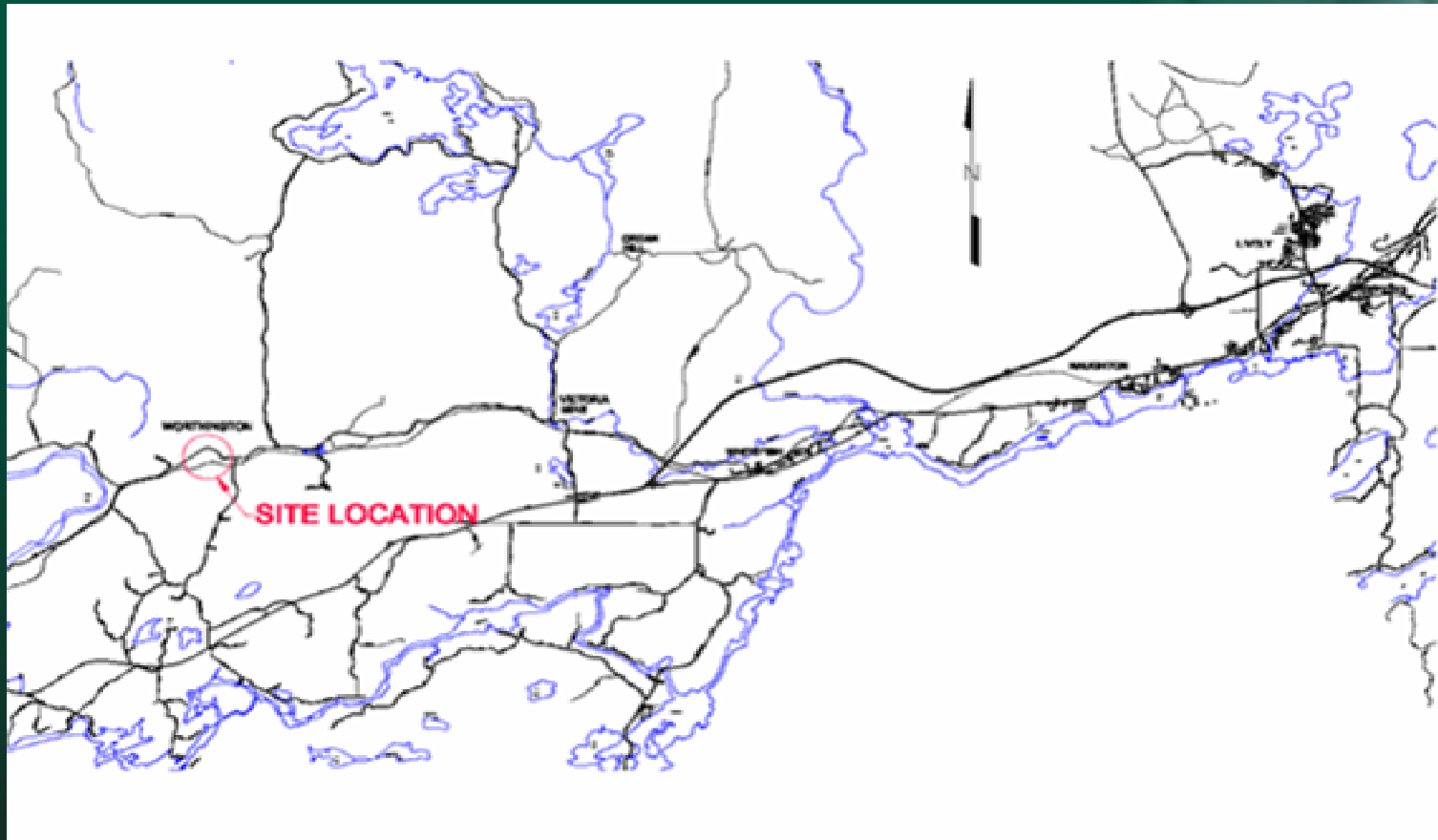


Spanish River Road Bridge Replacement Update

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Date:
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Spanish River Road Bridge Site Location



Spanish River Road Bridge

- Existing structure is a single lane Bailey Bridge constructed in 1970.
- The Bailey Bridge spans 13m across an original 1930's era concrete/steel bridge.
- Current load limit of 19 tonnes.
- Average Annual Daily Traffic on Spanish River Road less than 150 vehicles per day.
- Spanish River Road occasionally used as a detour when Hwy 17 is closed.
- No historical accident history on Spanish River Road.



Spanish River Road Bridge Site Investigation

Site investigation indicated:

- Original concrete bridge deteriorating and crumbling;
- Concern for safety and environment;
- Also concern of the stability of original bridge abutments supporting the Bailey Bridge.



Spanish River Road Bridge Replacement

- Removal of existing Bailey Bridge;
- Salvage existing bridge components for future use;
- Removal of original concrete bridge deck;
- Construction of new bridge footings on helical piles;
- Construction of new 'modular' bridge.

Total Estimated Cost:
\$350,000

Funded in 2007 Capital Budget



Spanish River Road Bridge Replacement



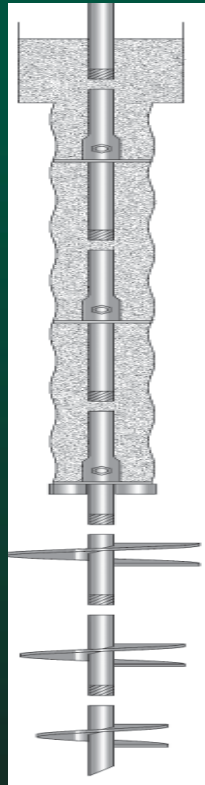
Spanish River Road Bridge Replacement



Spanish River Road Bridge Replacement

Helical Piles

- Cost effective solution
- Installed with common equipment (low mobilization costs)
- Suitable for design loads of modular bridge.



2007 Capital Roads Program

Bridges

- Spanish River Road bridge replacement

Roads

- Duhamel Rd. (MR 55 to Mumford Dr.)
- Hill Rd.
- Moxam Dr.
- Fairbank Lake Rd. (1.6 km)

Culverts (2007/2008)

- Sixth Ave.
- MR 4 at Crean Hill Rd.
- Chicago Mine Rd.
- MR 55 at Hillcrest Dr.
- Santala Rd. (#1)
- MR 55, E. of Hwy 17
- Mikkola Rd.
- Santala Rd (#2)
- Magill Rd.
- Hill Rd.
- Lorne Falls Rd.
- C. Johnson Rd.
- Worthington Rd.



Discussion and Questions