

PRAIRIE GRAIN ROADS PROGRAM (PGRP) MANITOBA Fisheries and Oceans Canada Information Requirements

The following information is required for each project by Fisheries and Oceans Canada. Additional site specific information may be required, particularly if authorization under the *Fisheries Act* or approval under the *Navigable Waters Protection Act* is required.

General Information

- Contact information for proponent(s) and if applicable, consultant(s) involved in the project (including name, mailing address, telephone number and facsimile number).
- Location plan highlighting road to be upgraded. Indicate on plan location of bridge or culvert upgrades or replacements. Current and proposed culvert diameter and length should also be provided.
- Name and location of natural or man-made watercourses affected by the project (e.g., legal land description [Section, Township, Range]; latitude and longitude or UTM coordinates).
- Site photos including the date photos were taken. If roads are to be widened, include photos of roadside drains or creeks which will be narrowed. Site photos of waterway may help in navigability determination.
- Federal or Provincial agencies that have been consulted.
- If a navigability decision is required, any other pertinent information such as waterfalls, access restrictions, and nearby marinas.

Construction Information

- All construction activities at or near a water body (e.g., ROW clearing, in-water activities, diversion channels, isolation and de-watering techniques; installation techniques for bridge, culvert, pipeline, or other).
- Plans (include dimensions).
- Machinery types to be used in the construction process.
- Construction sequencing.
- Amount of area (square meters) to be affected by construction works – vegetation and overburden removal, or other.
- Proposed start and completion date of construction activities identifying in-water construction timing restrictions based on fish species present.

Fish and Fish Habitat

- Fish community (species/common names) potentially affected by the project – this information may be determined by literature reviews and local knowledge of existing fish and fish habitats present at the site.
- Description of substrate in the water body (e.g., sand, silt, cobble).
- Description of existing vegetation on the banks, overhanging and in-water.
- Slope of the banks at the construction site.
- General condition of the site (e.g., armoured banks, slumping banks, or other).
- Expected flow rates during time of construction.
- Potential use of impacted area as spawning, nursery, rearing, food supply or migration route – this information may be determined by literature reviews and local knowledge of existing fish and fish habitats present at the site.
- Information for fish passage at culvert crossings of fish bearing watercourses.
- Sediment and erosion control measures to be implemented.
- Other mitigation measures – mitigation measures are best identified by referring to existing guidelines such as the Manitoba Stream Crossing Guidelines for the Protection of Fish and Fish Habitat (DFO & MNR 1996) and/or Watercourse Crossings 2nd Edition (Canadian Pipeline Water Crossing Committee, 1999).