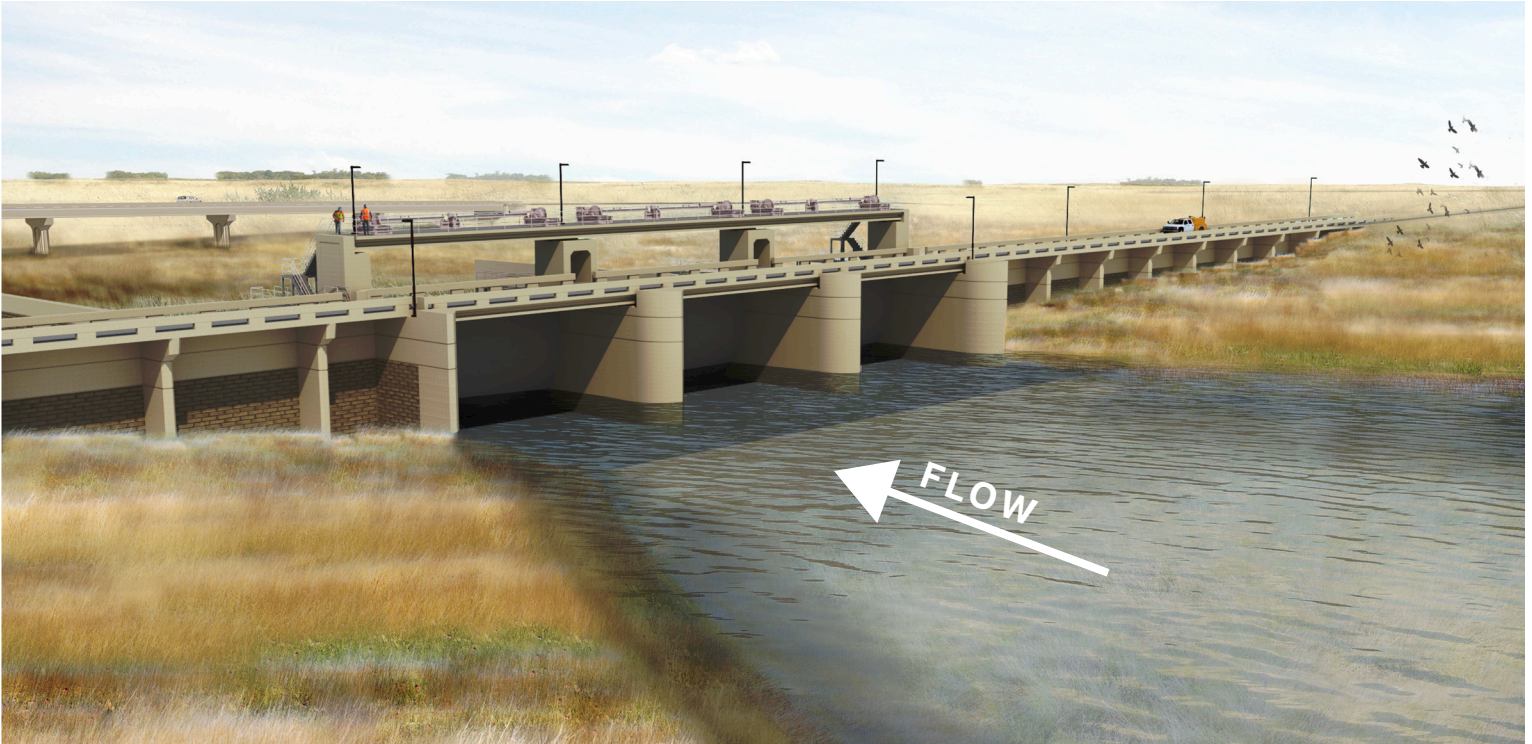




# FM AREA DIVERSION PROJECT DIVERSION INLET STRUCTURE

November 2016



View of Inlet Structure (Looking Downstream from the Embankment Area) - GATES DOWN

**Diversion Inlet Structure** is a gated control structure that will control the amount of water that enters the diversion channel from the upstream staging area. Features include three 50-foot wide tainter gates, a vehicle service bridge across the structure, mechanical platform and control building.

- ▶ A gated structure allows greater control in keeping downstream impacts negligible
- ▶ 100-year flood = 20,000 cubic feet per second [cfs]
- ▶ Each gate will weigh 87,000 pounds [Equal to a fully-loaded semi rig]
- ▶ Located in NE corner of County Roads 17 and 16, south of Horace, ND

## SCHEDULE

- |   |                    |
|---|--------------------|
| ▶ Issued solicitation   | ▶ 11 July 2016     |
| ▶ Opened proposals  | ▶ 1 Sept 2016      |
| ▶ Award contract  | ▶ Dec 2016         |
| ▶ Notice to proceed (14 days)   | ▶ Dec 2016         |
| ▶ Contractor submittals and review  | ▶ Jan - March 2017 |
| ▶ Contractor mobilizes and begins preload construction to stabilize soils | ▶ April 2017       |
| ▶ End of 275 day preload of site/ start construction of structure         | ▶ Feb 2018         |
| ▶ Complete construction of Inlet  | ▶ 2020             |

