

Two Rivers Watershed District Klondike Clean Water Retention Project #11

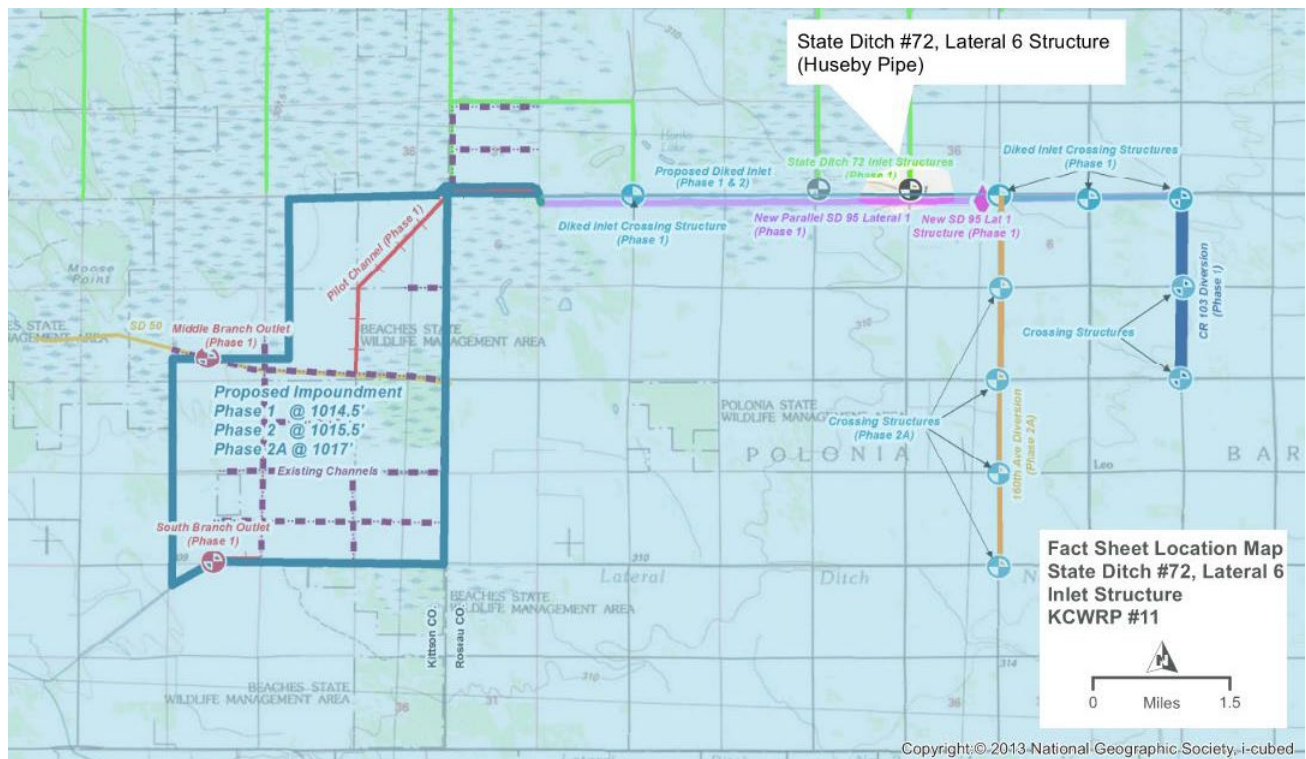
Fact Sheet – 10/1/22



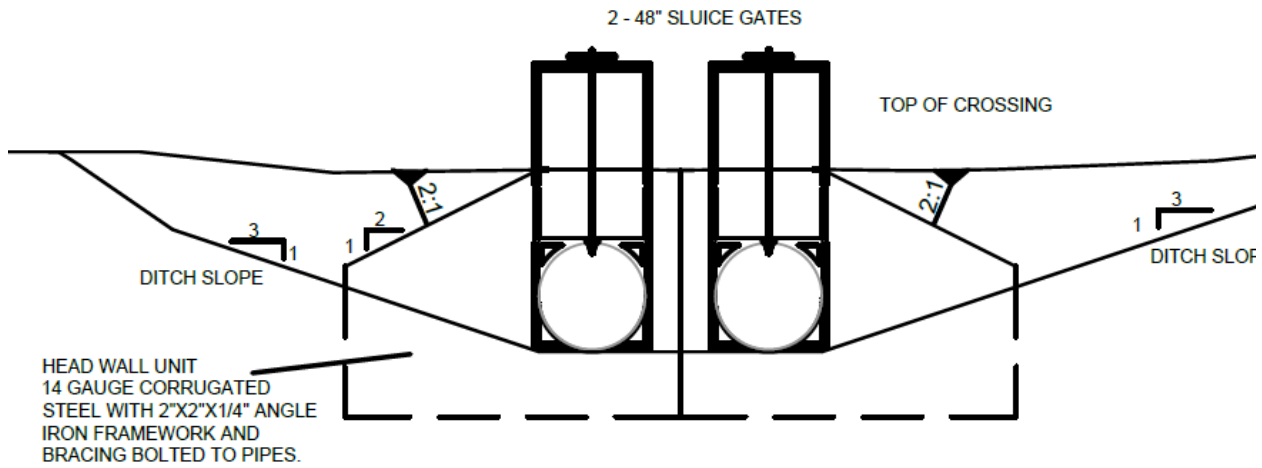
State Ditch #72, Lateral 6 Structure (Huseby Pipe)

The existing 48" pipe at this location replaced a 24" pipe and was installed in 2011 to allow local drainage from the east and water that overflows from Roseau River a better outlet to drain floodwaters from SD 72 to SD 95.

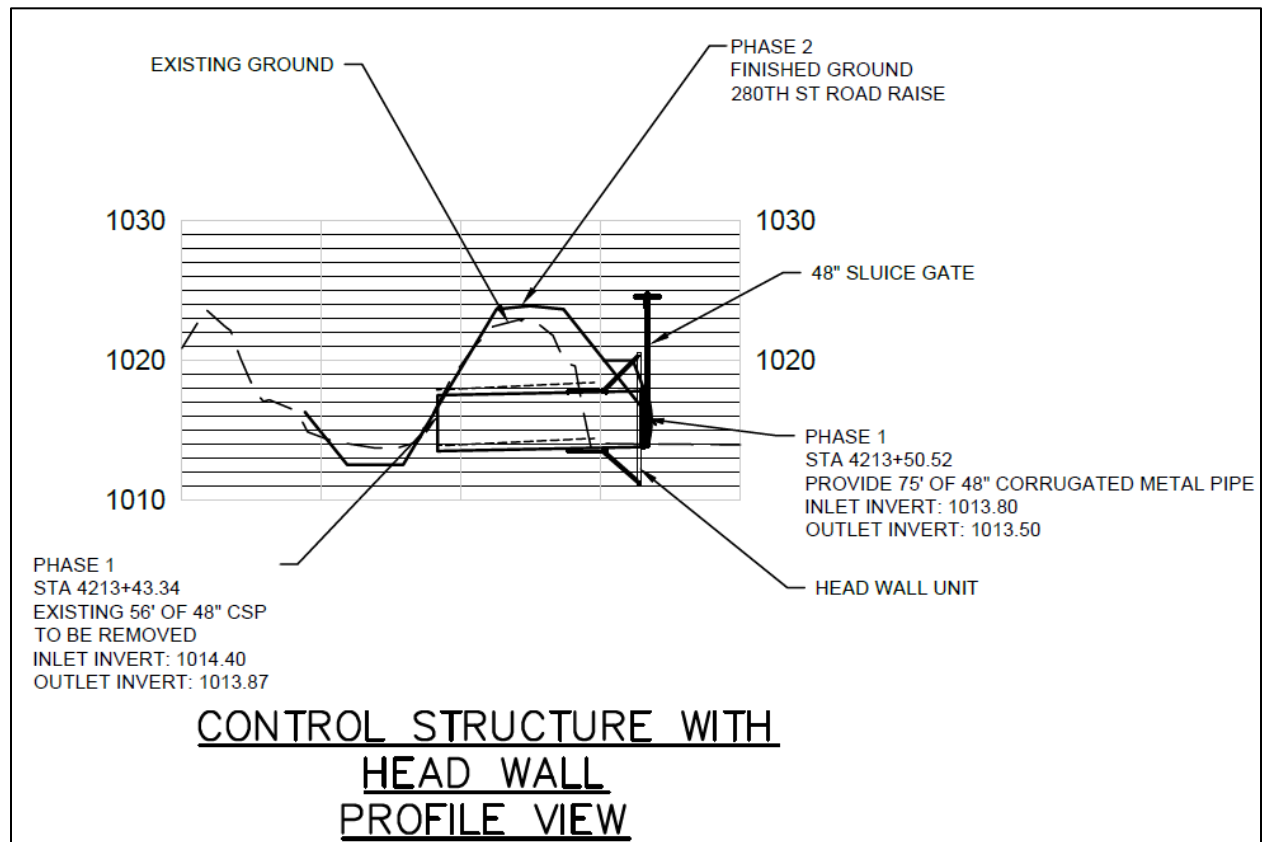
This will be improved to consist of two gated 48" culverts. The normal position will be one gate fully open and one gate closed. During floods both will be opened to allow up to 10,000 acre feet of floodwater to flow from north to south into the project via the diked inlet channel during the later part of the flood event, typically when overflow flooding from Roseau River is occurring. A reinforced spillway at 1021.15' will allow additional flood water to flow over 280th St (95 grade) into the project.

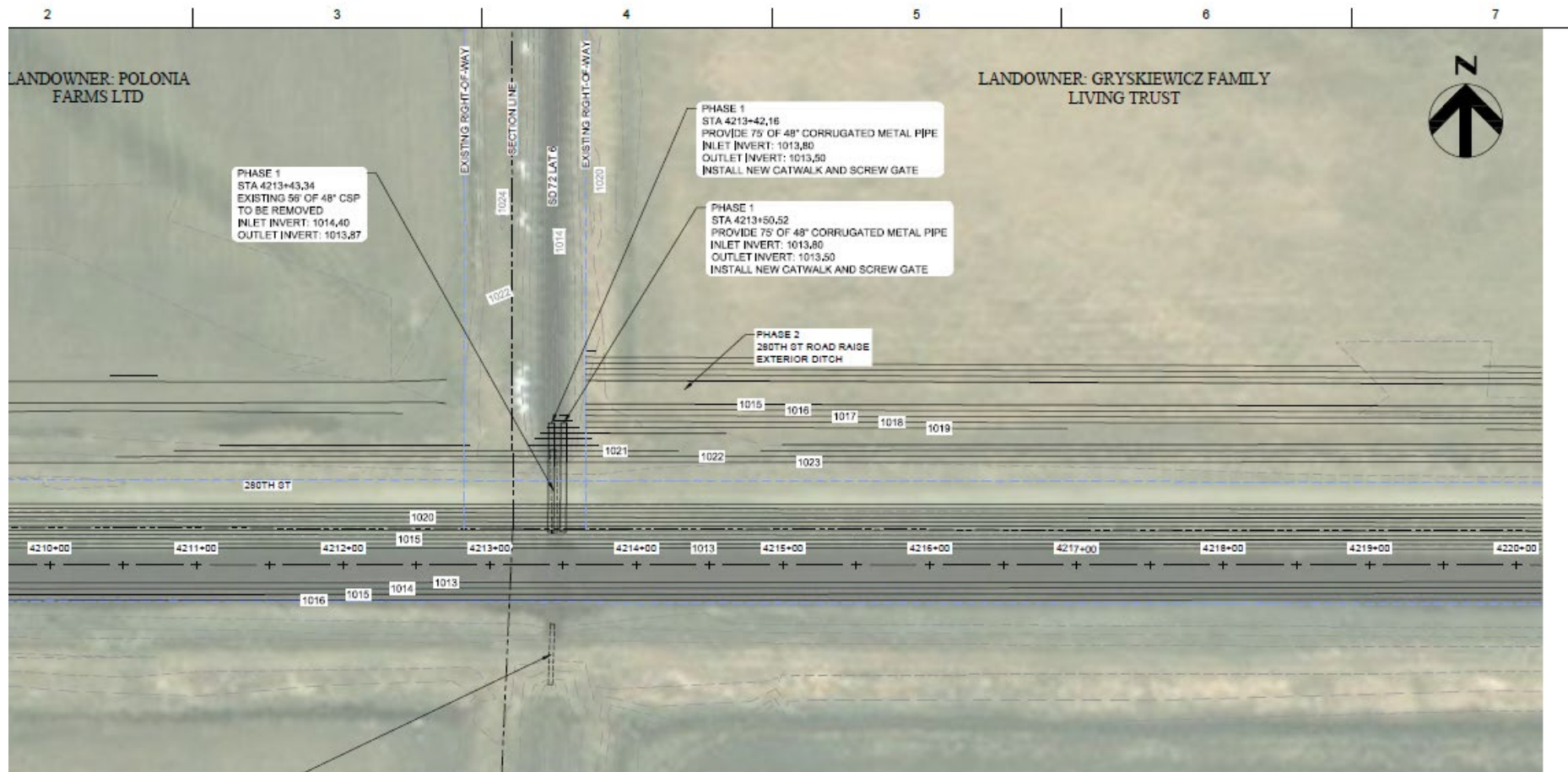


Ditch Name	Drainage Authority	Location Description	Proposed Impact	Purpose of Proposed Impact
State Ditch 72 Lateral 6	Joint - Roseau and Kittson Counties	SW corner of Section 36 T 162N R44W (Juneberry Twp)	Inlet flows from SD 72 - The existing structure that connects SD 72 Lat 6 to SD 95 Lat 1 will be removed and replaced with two gated, 48-inch culverts	The inlet structures are necessary to reduce flooding in the SD 72 system and allow flows into the Diked Inlet. Gates on this structure allow for enhanced operations by the TRWD for flood damage reduction



CONTROL STRUCTURE WITH HEAD WALL ELEVATION







Lat 6 SD 72 – Existing Huseby Pipe looking to the north



Lat 6 SD 72 – Existing Huseby Pipe looking to the north



Outlet end of Huseby Pipe into SD 95 Lat 1 Ditch – looking south. Sediment buildup in Lat 1 to be removed.

