

Two Rivers Watershed District
Klondike Clean Water Retention Project #11
- Floods, Fish, & Fens - Fact Sheet – 12/18/23



State Ditch #72, Lateral 8 Structure
(Mel Wang Pipe)

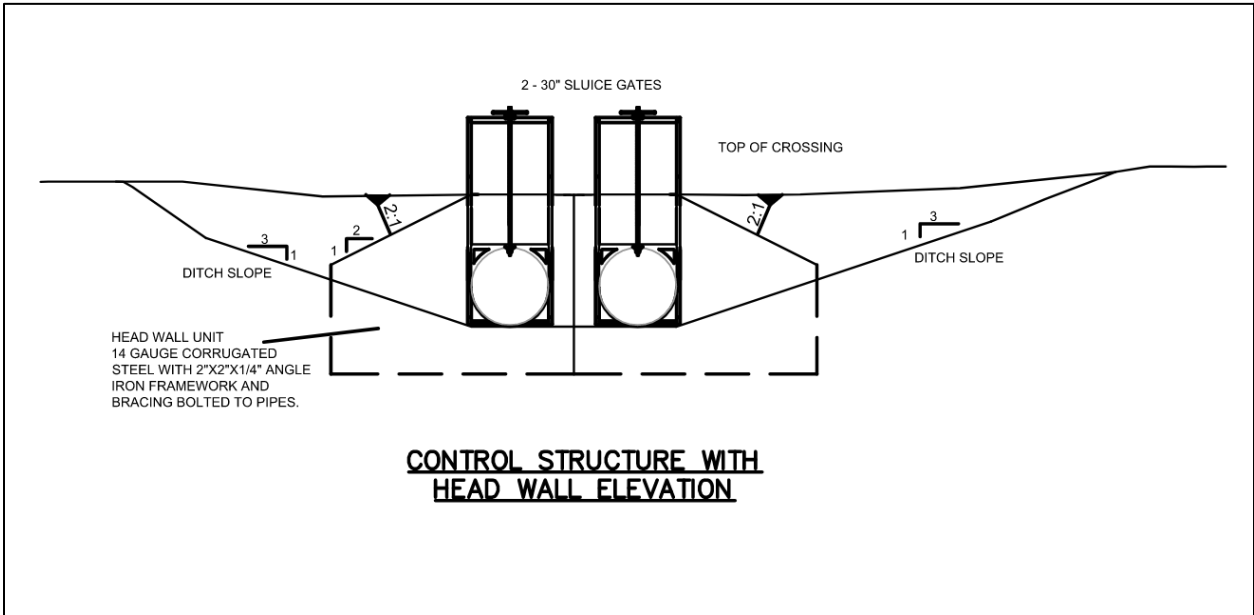
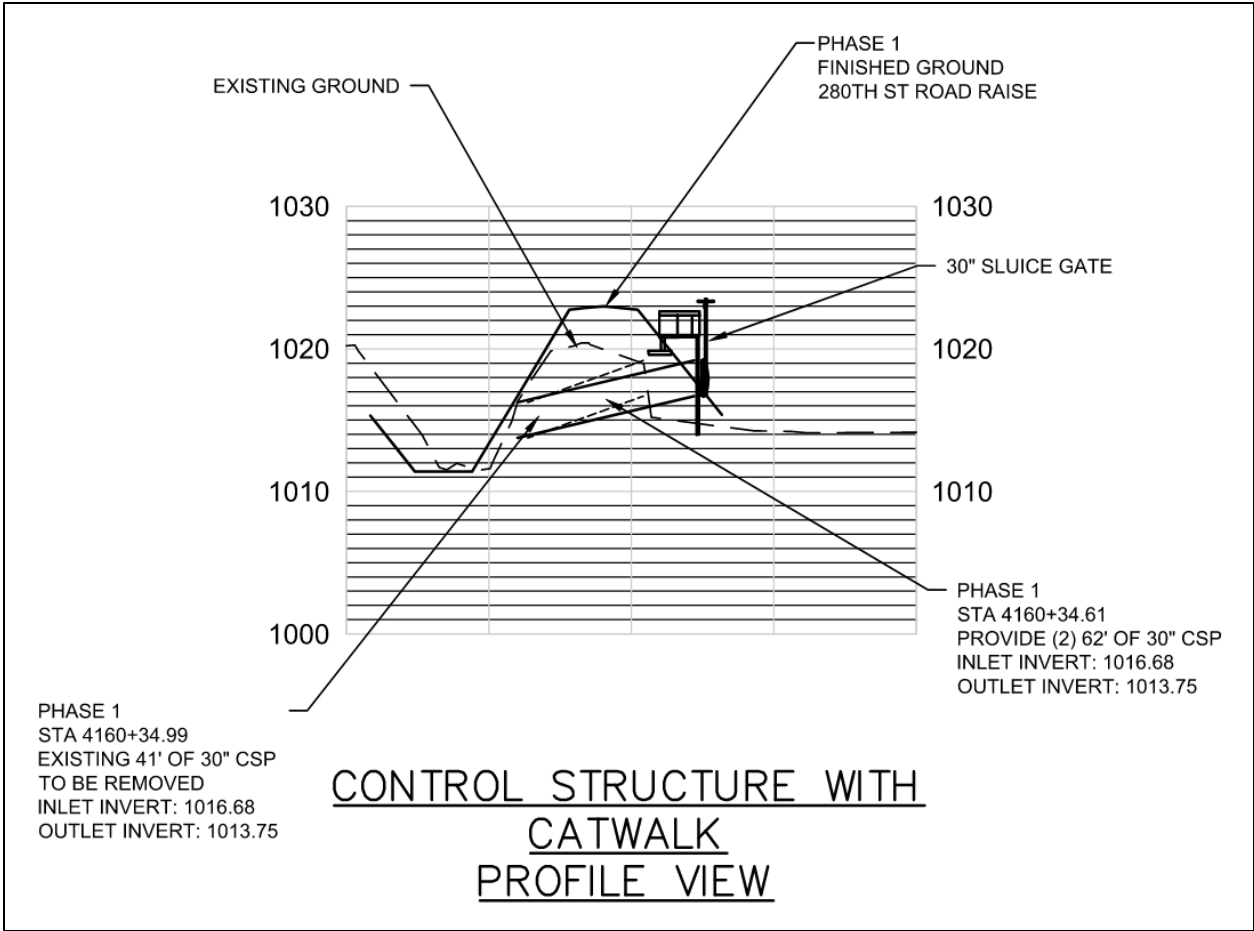
The existing 30” pipe at this location was installed in 2007 to allow water that overflows from Roseau River another outlet to drain floodwaters from SD 72 to SD 95. This will be a gated culvert and will be operated only during floods to allow approximately 1,200 acre feet of floodwater to flow from 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.

Operations

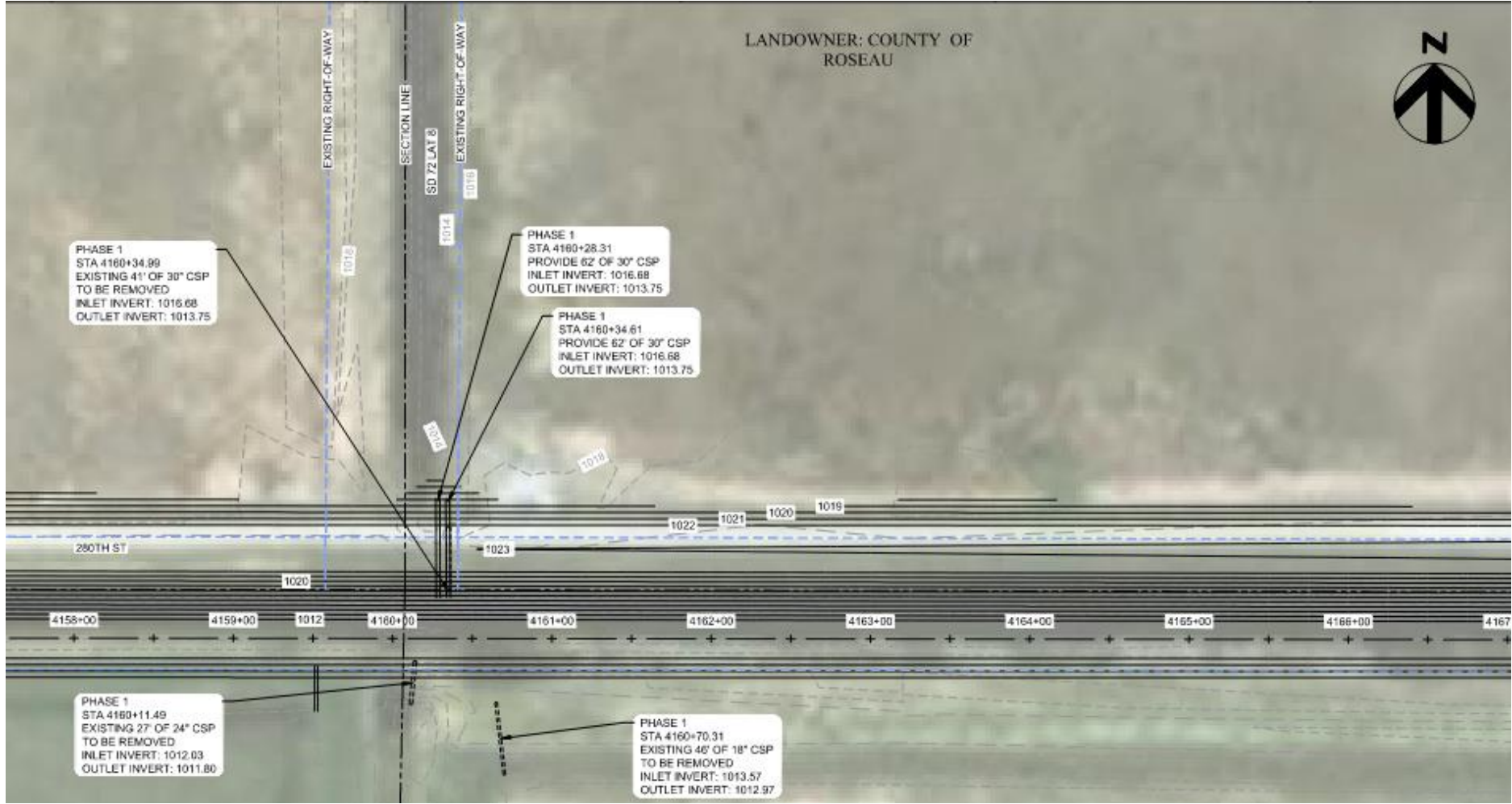
Normally flooding in this area lasts for 3 to 4 weeks. The onset of flooding begins with SD 95, lasts 5 to 7 days and begins to recede. At times when larger floods occur, overflow water typically enters from the Roseau River and SD 72, arrives between day 10 and 14 and lasts for an additional one to two weeks. During the first part of the flood (days 1-7) water is higher in the SD 95 system and during the later part of the flood (days 14-21+) water is higher in the SD 72 system.

The proposed inlet structure will remain closed until water levels in the Diked Inlet fall below the upstream SD 72 Lateral 8 (around day 7). At that time (approximately day 10) if needed the gates will be opened to provide benefits and store water from SD 72. Refer to the Klondike Operating plan for additional details on the impoundment outlets and triggers for main impoundment operations.

Ditch Name	Drainage Authority	Location Description	Proposed Impact	Purpose of Proposed Impact
State Ditch 72 Lateral 8	Joint - Roseau and Kittson Counties	SW corner of Section 35 T162N R44W (Juneberry Twp)	Inlet flows from SD 72 – The existing gated structure that connects SD 72 Lat 8 to SD 95 Lat 1 will be removed and replaced with two gated, 30-inch culverts	The existing structure size and elevation has been set by the State in order to maintain a public water (wetland). Future operations of this gate are to be determined through permitting process



LANDOWNER: COUNTY OF
ROSEAU





Lat 8 SD 72 – Existing Mel Wang Pipe looking to the north



Lat 8 SD 72 – Existing Mel Wang Pipe looking to the north



Mel Wang Ditch – looking south. Lat 1 SD 95 runs through the middle of the photo from left to right

