

# Two Rivers Watershed District Klondike Clean Water Retention Project #11

Fact Sheet – 10/1/22

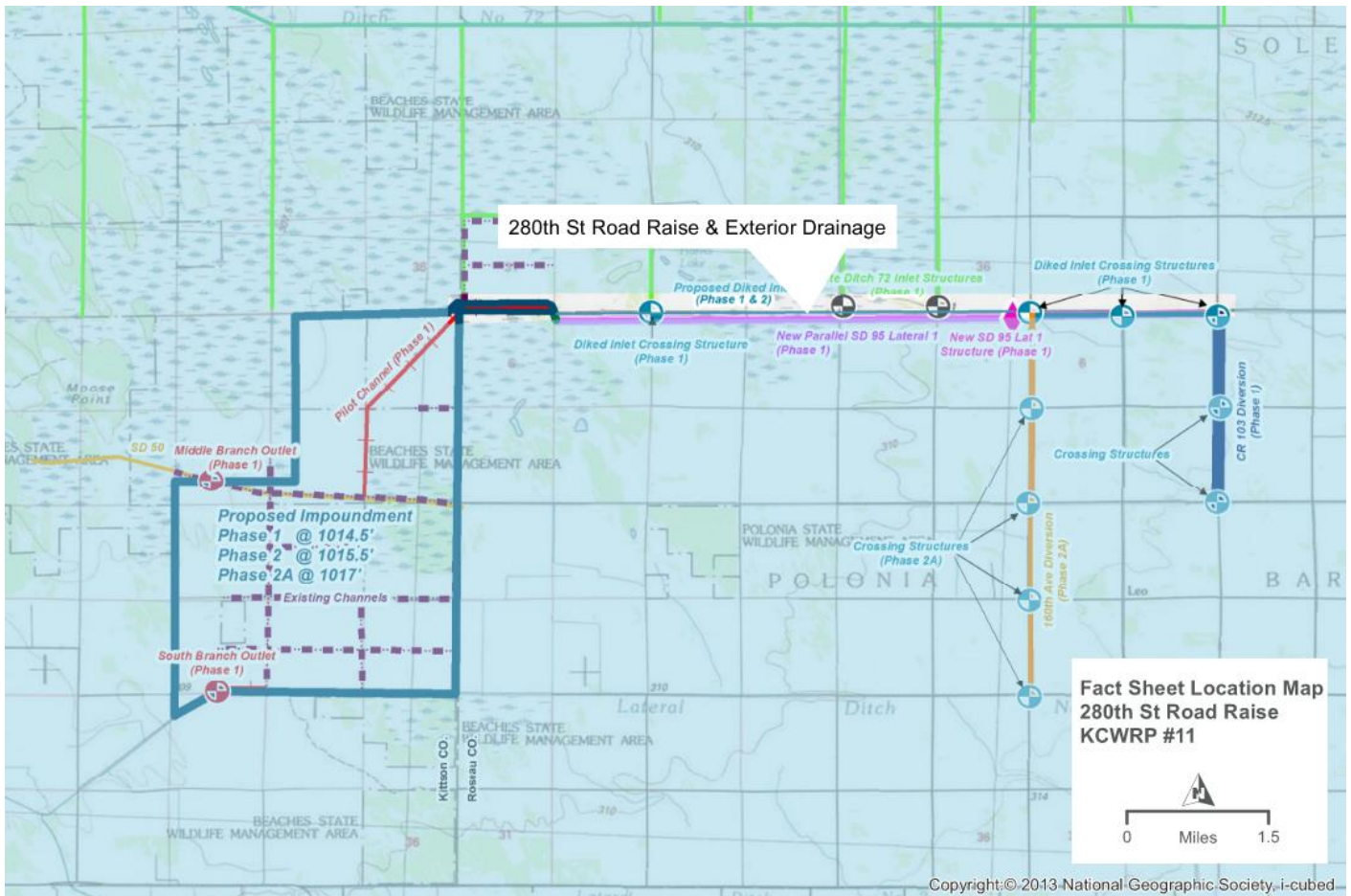


## 280<sup>th</sup> St Road Raise & Exterior Drainage (95 Grade)

The existing 280<sup>th</sup> St is located on the north side of Lat 1 SD 95 and on the township lines between Soler/Barto and June Berry/Polonia. Phase 2 of the project includes altering the existing road to create the northern boundary of the Diked Inlet.

280<sup>th</sup> St is a gravel road from 120<sup>th</sup> Ave to the east, and a minimum maintenance road from 120<sup>th</sup> Ave to the west. The road acts as a dam during flood events.

Existing pipes through 280<sup>th</sup> St will be removed and replaced with new culverts, and flap gates (traps) will be installed on the south (outlet) end of each culvert. An exterior drainage ditch will provide local drainage along all privately-owned lands and will outlet into Lat 11 or 12 of SD 72.



Road Name	Road Type	Location Description	Proposed Impact	Purpose of Proposed Impact
280th St (Juneberry Unorganized/Polonia Township)	Township Road, Minimum Maintenance, Vegetated Surface	From the intersection near the SW corner of Section 31, T162N R44W (Juneberry Twp) and extending 1.0 mile east to the SE corner of Section 31 T162N R44W	Alter - The road will be modified and raised to become a watertight levee. See figure for typical detail "S Christianson Levee Rd"	This new proposed levee will control impounded waters. As a secondary purpose, the top of the levee will provide a driving surface for maintenance or local traffic only.
280th St (Juneberry Unorganized/Polonia Township)	Township Road, Minimum Maintenance, Vegetated Surface	From the SE corner of Section 31 T162N R44W (Juneberry Twp) extending 1.0 mile east to the intersection with 120th Ave	Alter - The existing road will be modified to convey the Diked Inlet inflows. At 120th Ave the Ditch Crossing will be removed, and a new Crossing will be installed that can convey Diked Inlet inflows. A new 20-foot levee will be built on the south of the Diked Inlet. See figure for typical detail "Diked Inlet (Impoundment to 120th)" and "120th Avenue Crossing"	The Diked Inlet will be constructed with capacity to fill the impoundment, and store water up to the maximum pool elevation. After the Project is constructed the local traffic may cross the Diked Inlet under normal, low-flow conditions. During flooding events the crossing will be submersed. Traffic can utilize the new 20-foot top levee on the south side, or the modified existing road on the north side depending on where they need to travel.
280th St (Juneberry Unorganized/Polonia Township)	Township Road, Gravel Surface	From the intersection with 120th Ave near the SW corner of Section 33 T162N R44W (Juneberry Twp) extending east for 4.0 miles to the intersection with 160th Ave near the SE corner of Section 36 T162N R44W	Alter - The Existing road will be modified and raised in some portions to accommodate the Diked Inlet construction. See figure for typical detail "DIKED INLET (120TH TO 160TH)"	The Diked Inlet will be constructed with capacity to fill the impoundment, and store water up to the maximum pool elevation. The existing road will need to be raised and/or reconstructed in various places along the Diked Inlet. The road will have a 4" Class 5 aggregate surface when Project is complete.

Figure 1. Typical Section of Diked Inlet (Impoundment to 120th Ave) - Altering Existing 280th St

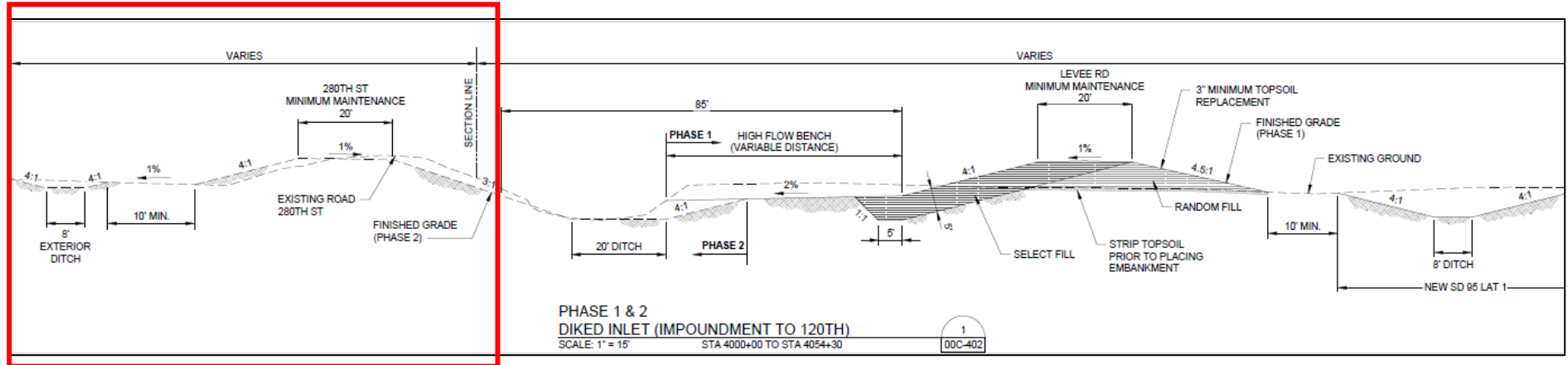
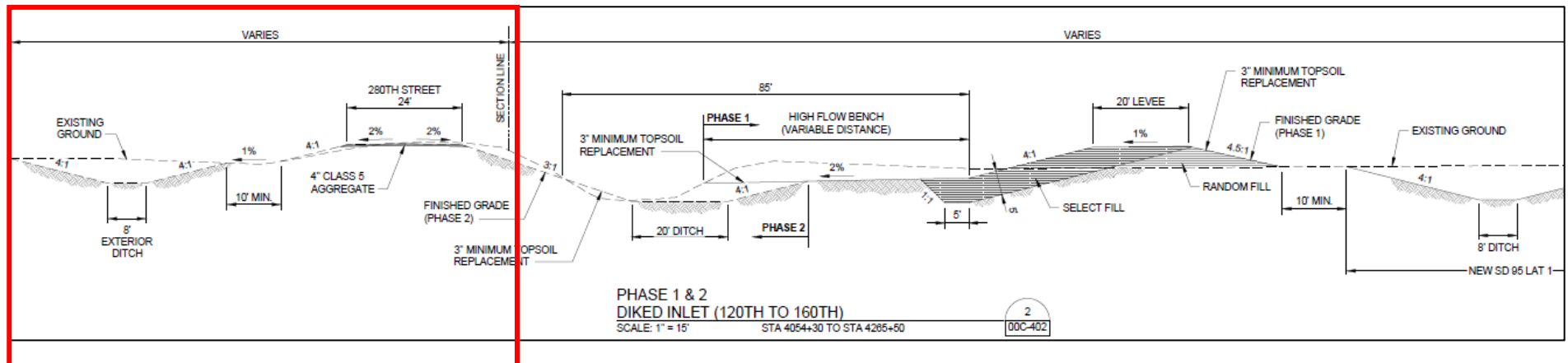


Figure 2. Typical Section of Diked Inlet (120th to 160th Ave) - Altering Existing 280th St



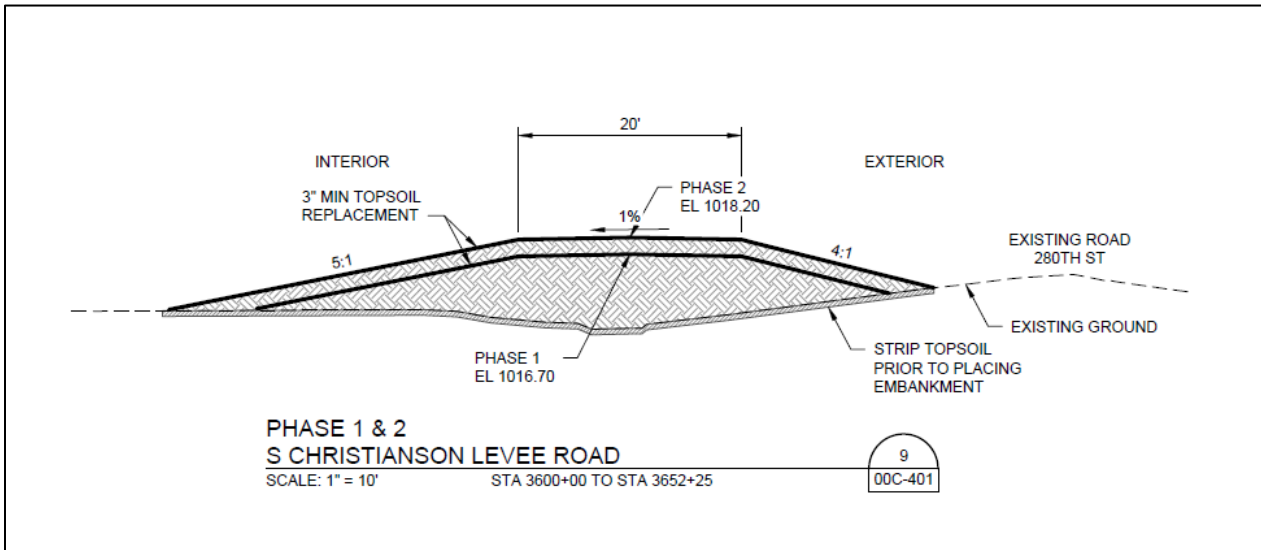


Figure 3. Typical Section of Proposed S Christianson Levee Road - Altering Existing 280th St



280<sup>th</sup> St Looking West – Fall of 2019