

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

PUBLIC INPUT MEETING - Drayton, ND

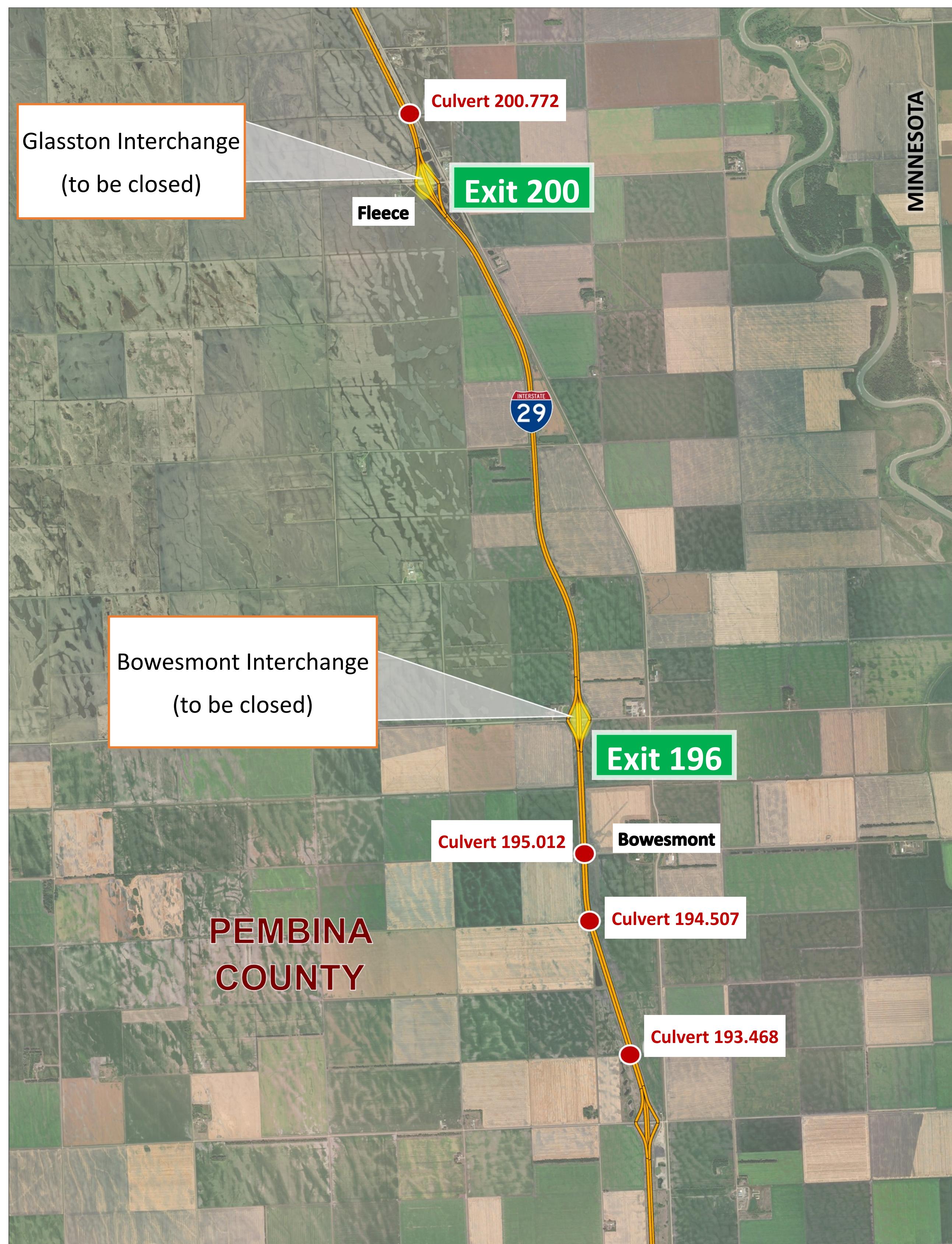


EXHIBIT 1
PROJECT LOCATION OVERVIEW
I-29 STRUCTURE REPLACEMENTS

Need for Project

The existing culverts for this project have been identified as having deteriorating conditions. All four replacements are currently rated to have poor conditions.

Inspections have revealed the following issues:

1. Rusting to flared end sections
2. Heaving and buckling
3. Erosion below the springline
4. Pitting and delamination in culverts

Existing Culverts

Culvert 200.772 – Triple 9'6"x6'6"x190' Steel Plate Pipe Arch

Culvert 195.012 – 24"x54' Corrugated Steel Pipe

Culvert 194.507 – Double 7'8"x5'5"x192' Steel Plate Pipe Arch

Culvert 193.468 – Double 7'8"x5'5"x194' Steel Plate Pipe Arch

Proposed Improvements

Proposed improvements are anticipated to take place during 2027 construction season pending funding; however, construction schedule is subject to change. NDDOT will know more once analysis is completed. The proposed replacements will consist of either concrete box culverts or concrete pipe culverts. The total approximate cost will be \$4 million.

Existing Culvert 200.772



Culvert 200.772

Inspected: 8/01/2023

Culvert 195.012

Inspected: 8/28/2023

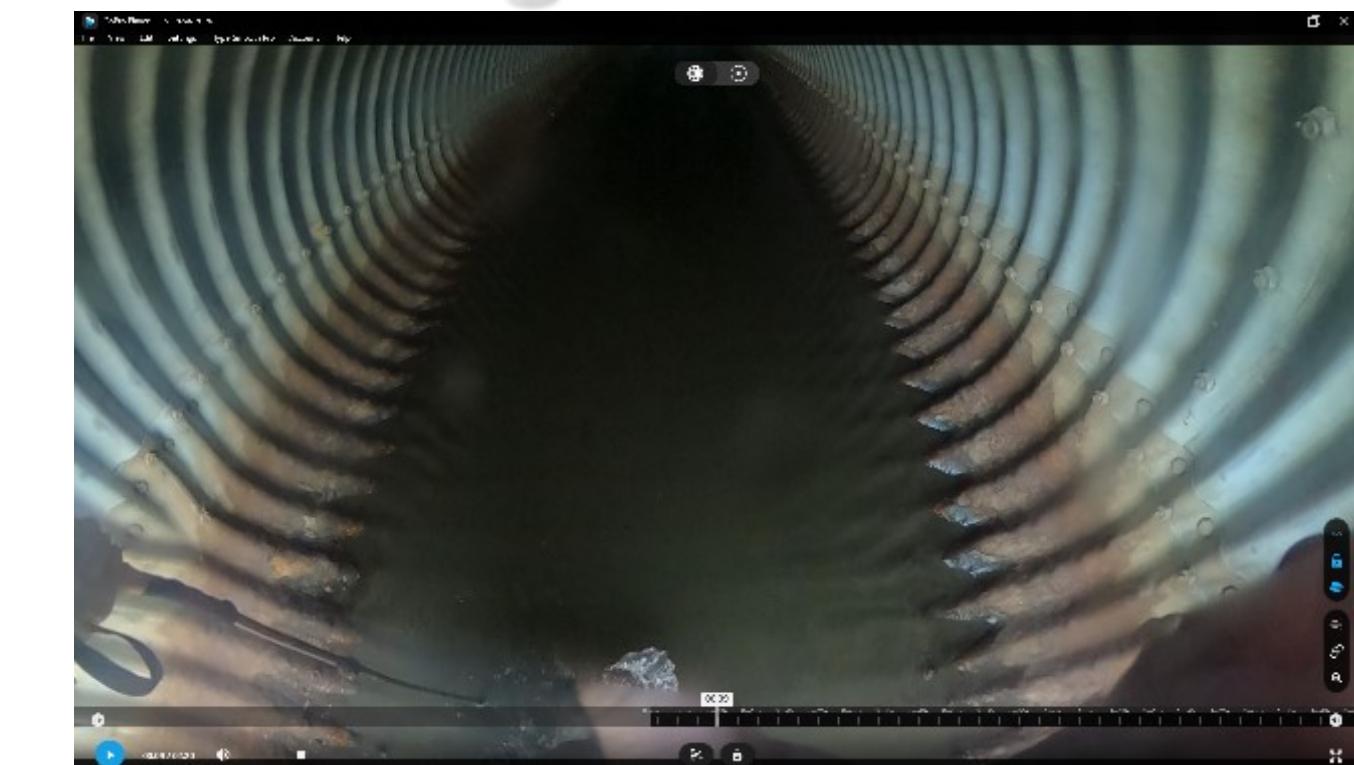
Culvert 194.507

Inspected: 8/12/2025

Culvert 193.468

Inspected: 8/12/2025

Existing Culvert 194.507



Existing Culvert 195.012



Existing Culvert 193.468