

(Refer to the Traffic and Maintenance Scoping Worksheets)

☐ Yes ☒ No

If the project includes ITS applications, does Rule 940 Apply? (Refer to the HPDP ITS Systems Engineering Requirement)

☐ Yes ☐ No

If Rule 940 applies,

- ☐ Programmatic systems engineering (SE) analysis has been done
- ☐ SE analysis previously completed for deployments specific to MnDOT
- ☐ SE analysis to be performed

ICE Study: ☐ Yes ☒ No/Exempt

MATERIALS/PAVEMENT

See Final Material Design Recommendations for updates, additional details and locations of proposed improvements.

Pavement History

YEAR	S.P.	FIX
1938	1=160-25	Grading, 2" Gravel – From Red Lake Agency to 1.5 Mi E of Redby
1940	AFE 30	Bit Surface Treat – From Red Lake to 1.5 Mi Redby
1948	AFE 26/27	1" Bit Overlay, 1.75" Bit over Agg Surface on east end – From Red Lake to 3.2 Mi E of Redby
1948	AFE 6/28/29	Regrading, Gravel Surfacing – From 3.2 Mi E of Redby to E Reservation Boundary
1956	0403-02	Grading, 1.5" Bit, 12" SGM – At S JCT TH 89
1957	AFE 25	1" Bit Overlay – From S JCT TH 89 to Red Lake
1957	AFE 819	1" Bit Overlay – From JCT TH 89 to 3.2 Miles E of Redby
1958	AFE 823	1" Bit Overlay – from 3.2 Mi E of Redby to E Reservation Boundary
1972	SF	1.25 Bit Overlay – From S JCT TH 89 to 1.7 Miles east
1972	0404-11	Widening, 1.5" Bit, 10' Agg. Shoulders – From S JCT TH 89 to 0.5 Mi North
1977	SF	Var. depth Overlay – From R.P. 124.8 – 127.1
1978	SF	Var. depth Overlay – From R.P. 127.1 – 129.8
1983	0404-19	1.5" Bituminous Overlay
1998	0404-26	1" Bit Overlay – From R.P. 126.0 to 127.39
2005	0404-27	1.5" Mill, 1.5" Bit Overlay
2012	0404-23	Replace Bridge over Mud river, Grading, 4.5" Bit, 6" Agg.

It is recommended through the proposed urban section (New Beginnings to Fisheries Road), culvert treatments, and any other full pavement fix to construct the new pavement section with 17" of Select Granular, 8" of Class 6, and 5" of Bituminous.

Outside of the extents of the curb & gutter and storm sewer, a mill and overlay will be performed. This will include updating the shoulder cross slope to become walkable.