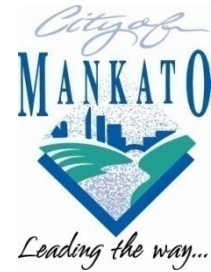


February 10, 2025
Woodshire Drive
City Project No. 11120

To: Mayor, City Council and City Manager
From: Alec Pietz, P.E. – Interim City Engineer
Subject: Woodshire Drive Condition

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Mayor, City Council and City Manager:

This memorandum provides additional information regarding the condition of Woodshire Drive. The segment of Woodshire Drive adjacent to the Twin Valley Council Boy Scouts (TVC) was most recently reconstructed in 1956. A resurfacing project was completed in 1991 and a partial watermain replacement completed in 2000.

The City periodically rates roadway segments as part of its pavement management practices. This information is used to plan future maintenance and reconstruction. The rating, a Pavement Condition Index (PCI), utilizes standardized methodology to calculate a number between 0 (completely failed pavement) and 100 (brand new pavement). The most recent PCI for this segment of Woodshire Drive is 36 which was calculated several years ago. The average PCI in Mankato is approximately 70. Streets with PCIs less than 40 are good candidates for reconstruction.

The following are photographs of various segments of Woodshire Drive.

Image 1 – Bottom of Woodshire Drive near Madison Avenue

Deficiencies – severe alligator cracking, evidence of pavement patch, deteriorating curb



Image 2 – Midway Uphill of Woodshire Drive

Similar deficiencies to Image 1. A somewhat recent large patch of pavement replacement is seen, providing context of what newer and good pavement condition represents.



Image 3 – Hillside Top Intersection

Continued signs of deteriorating pavement.



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Image 4 – Top of Hill Facing Northbound to Intersection

Similar if not better conditions are observed in this segment of Woodshire Drive compared to that of the Hillside.



Image 5 – Northbound Facing Prior to the Roadway Curve

Similar conditions to the hillside segment. However, less alligator cracking is observed.



Image 6 – Intersection of Woodshire and Belleview Facing Northbound

Highly similar pavement conditions to the hillside, indicating similar need for reconstruction.



Image 7 – Woodshire Cul-de-sac Facing Southbound

Cracking and pavement patches are present but in better condition than the hillside.



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