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MEMORANDUM

TO: Metropolitan Planning Organization Committee Members

FROM: Kelly Brennan, Long Range Planner III

DATE: July 3, 2024

RE: **24TP028 – Major Street Plan Analysis and Update – Final Report**

Rapid City adopted its Major Street Plan (MSP) in 1990 and has performed numerous revisions to the MSP over the last few decades. However, many proposed future road alignments have not been analyzed since the initial creation of the MSP. Many of the future road segments have become dated due to changes in land use, development patterns, and construction projects over the years. Additionally, most of the other Rapid City Area Metropolitan Planning Organization member agencies have adopted Major Street Plans or Transportation Plans leading to incongruities among future road alignments and classifications.

The Major Street Plan Analysis and Update developed conceptual roadway alignments and profiles for 40 arterial and collector roadways anticipated to be developed/constructed with the 20-year planning horizon. Proposed segment alignments considered design speeds, grades, curvature, topography, existing development, environmental constraints, identified where drainage facilities/crossings may be needed, and noted special considerations associated with specific corridor conceptual alignments. Special considerations included but were not limited to potential retaining walls/structures, bridges, FEMA/floodway/flood plain impacts, rail crossings and permits, existing road modifications, and parkland impacts.

Attached for your review and approval is the Final Report of the Major Street Plan Update and Analysis.

STAFF RECOMMENDATION: Staff recommends approval of the Major Street Plan Analysis and Update – Final Report.