



Department of Community
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MEMORANDUM

TO: Metropolitan Planning Organization Committee Members

FROM: Kip Harrington, Division Manager

DATE: March 1, 2024

RE: **24TP011 – Highway 1416 and Radar Hill Road Corridor Study Final Report**

Pennington County and the City of Box Elder, in conjunction with the Rapid City Area Metropolitan Planning Organization, contracted with KLJ, Inc. to conduct a corridor study on Highway 1416 and Radar Hill Road.

With the planned expansion of Ellsworth Air Force Base (EAFB), providing safe and efficient access to the installation will help to ensure the success of the B-21 Raider Bomber mission. Traffic to and from EAFB is anticipated to increase over the next 20 years, and Highway 1416 and Radar Hill Road are critical links in the transportation infrastructure.

The study analyzed traffic patterns and safety issues on the corridors, and provides recommended improvements to the corridors to provide a multi-modal transportation system for EAFB, Pennington County, and the City of Box Elder.

The Draft Report was reviewed at the February 15, 2024 MPO meetings.

STAFF RECOMMENDATION: Staff recommends approval of the Highway 1416 and Radar Hill Road Corridor Study Final Report