

Public Meeting Open House

Project Location:

Interstate 90 from Exit 52 to Exit 61 and
U.S. Highway 16B from U.S. Highway 16 to I-90

Project Number:

HP 5596(28)P & PL 0100(27) P

Dates:

Tuesday, Oct. 20 and
Wednesday, Oct. 21, 2026
5:30-7 p.m. MT



MISSION STATEMENT

**We provide a safe and efficient
public transportation system.**

<https://dot.sd.gov>

Purpose of the Meeting

**Involve the Public
in the Planning
Process**

**Provide a Study
Overview**

**Gather Input and
Comments**



- **Background Information**
- **Study Schedule**

Project Overview

The South Dakota Department of Transportation (SDDOT) is studying two major transportation corridors in the Rapid City area:

Interstate 90

Exit 52 at Peaceful Pines Road
to Exit 61 at U.S. Highway 16B

U.S. Highway 16B

U.S. Highway 16 to I-90

Although the corridors are distinct, they function as part of the same transportation system. The study will consider how conditions along one corridor may affect travel on the other.

The study will identify transportation needs and potential improvements through 2060.



I-90 at Exit 58 (Haines Avenue) looking west.



Highway 16B at S.D. Highway 79/Cambell Street looking northwest.

What Are We Studying?



Safety: Where are crashes occurring and what safety needs should be considered?



Traffic: How well do the corridors and intersections work today, and how might that change as traffic volumes grow?



Access & Connectivity: How do I-90, Highway 16B, and connecting streets work together?



Future Needs: What improvements may be needed to support the region through 2060?

Project Limits

The Rapid City Major Investment Study (RCMIS) is looking at I-90 and Highway 16B as part of an interconnected transportation system.

These corridors provide important connections for local and regional travel, freight movement, tourism, and access in Rapid City.





Project Process

To date, baseline information including traffic counts, crash data, and past studies have been collected, as well as a review of the existing traffic operations, future operations analysis, and safety analysis. A final report including improvement recommendations is anticipated to be completed in spring 2028.

Project Partners

The South Dakota Department of Transportation is conducting the study in partnership with:

- City of Rapid City
- City of Box Elder
- Pennington County
- Rapid City Area Metropolitan Planning Organization
- Federal Highway Administration
- Ellsworth Air Force Base

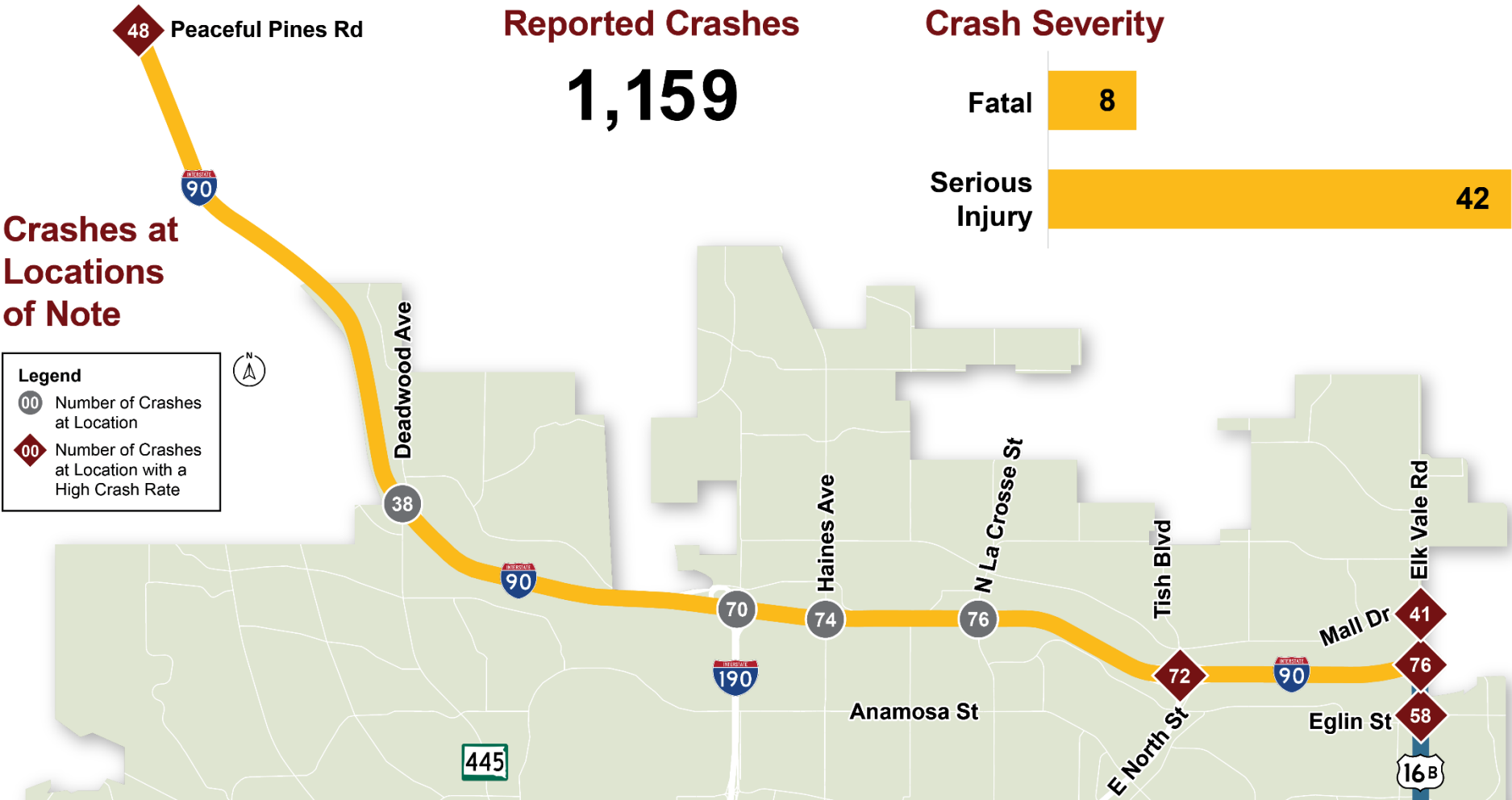
Together, these partners make up the Study Advisory Team and will help guide the study through completion.



I-90 Corridor Safety



Crash data from 2020-2024 was reviewed to better understand safety conditions along I-90. The study is considering crash location, severity, type, and contributing factors as transportation needs are identified.



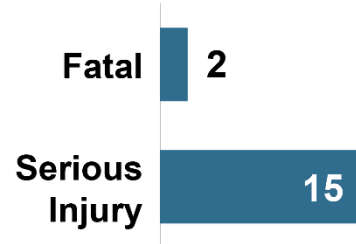
Highway 16B Corridor Safety

Crash data from 2020-2024 was reviewed to better understand safety conditions along Highway 16B. The study is considering crash location, severity, type, and contributing factors as transportation needs are identified.

Reported Crashes

557

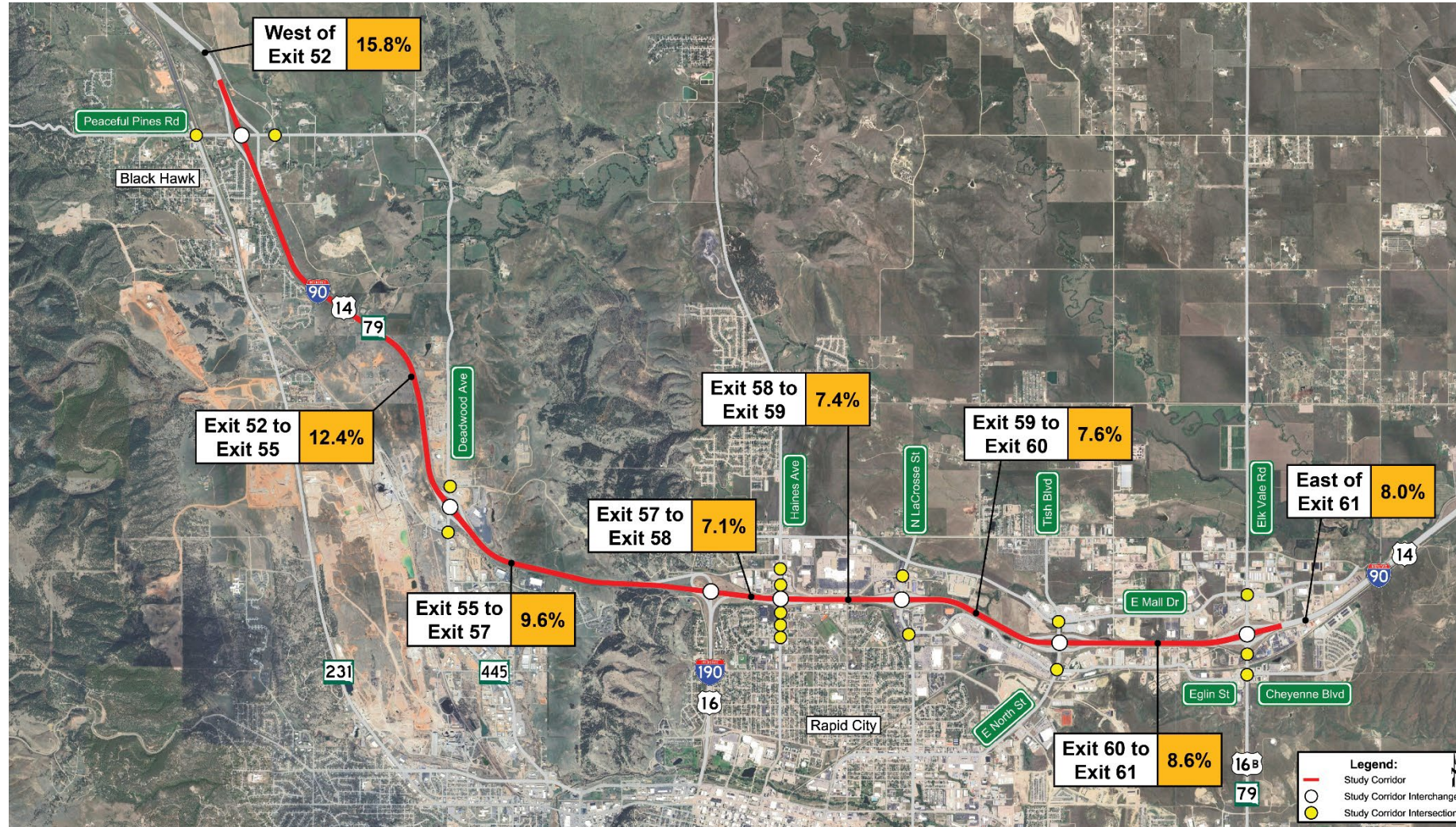
Crash Severity



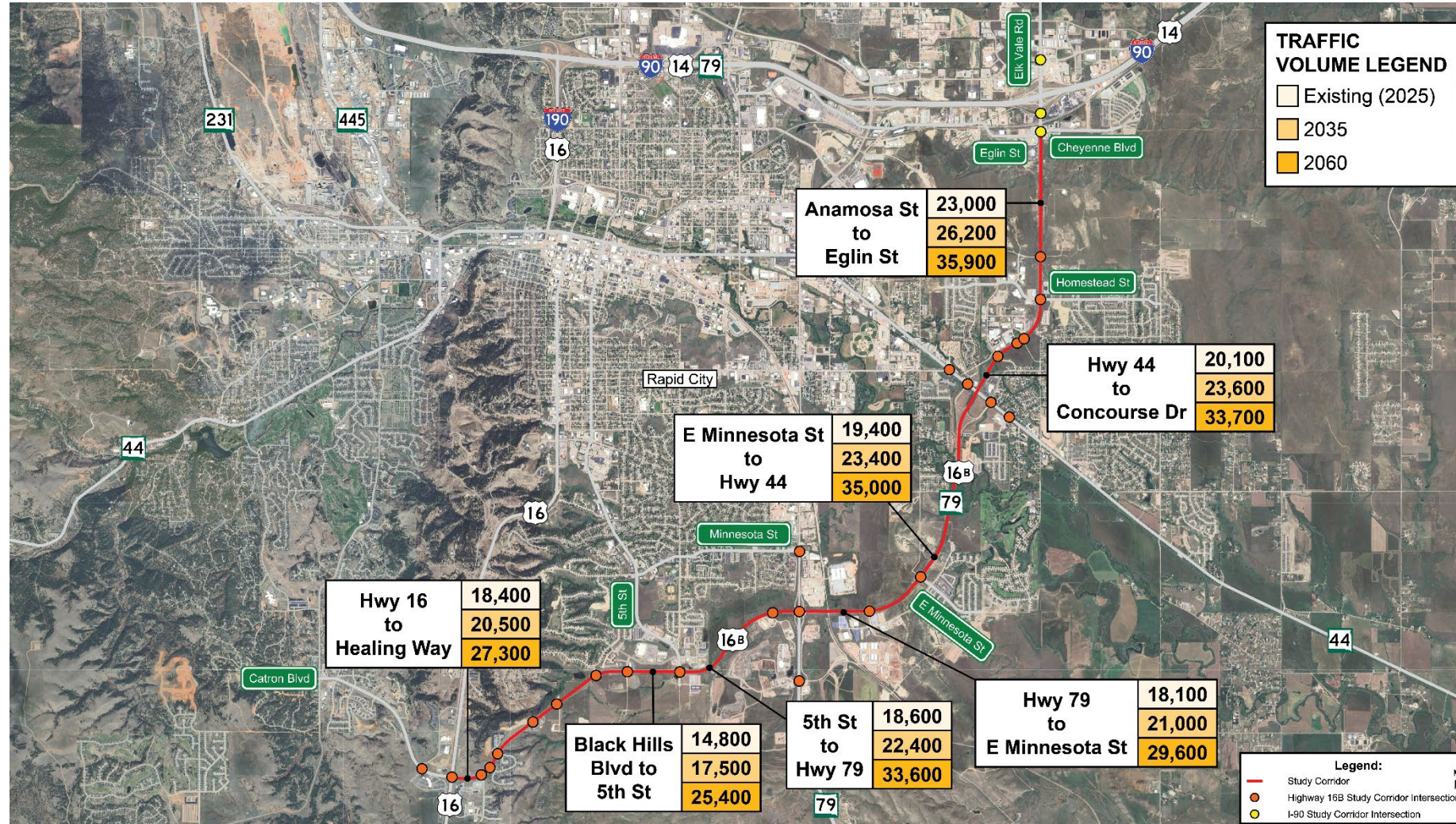
Daily Traffic Volumes for I-90



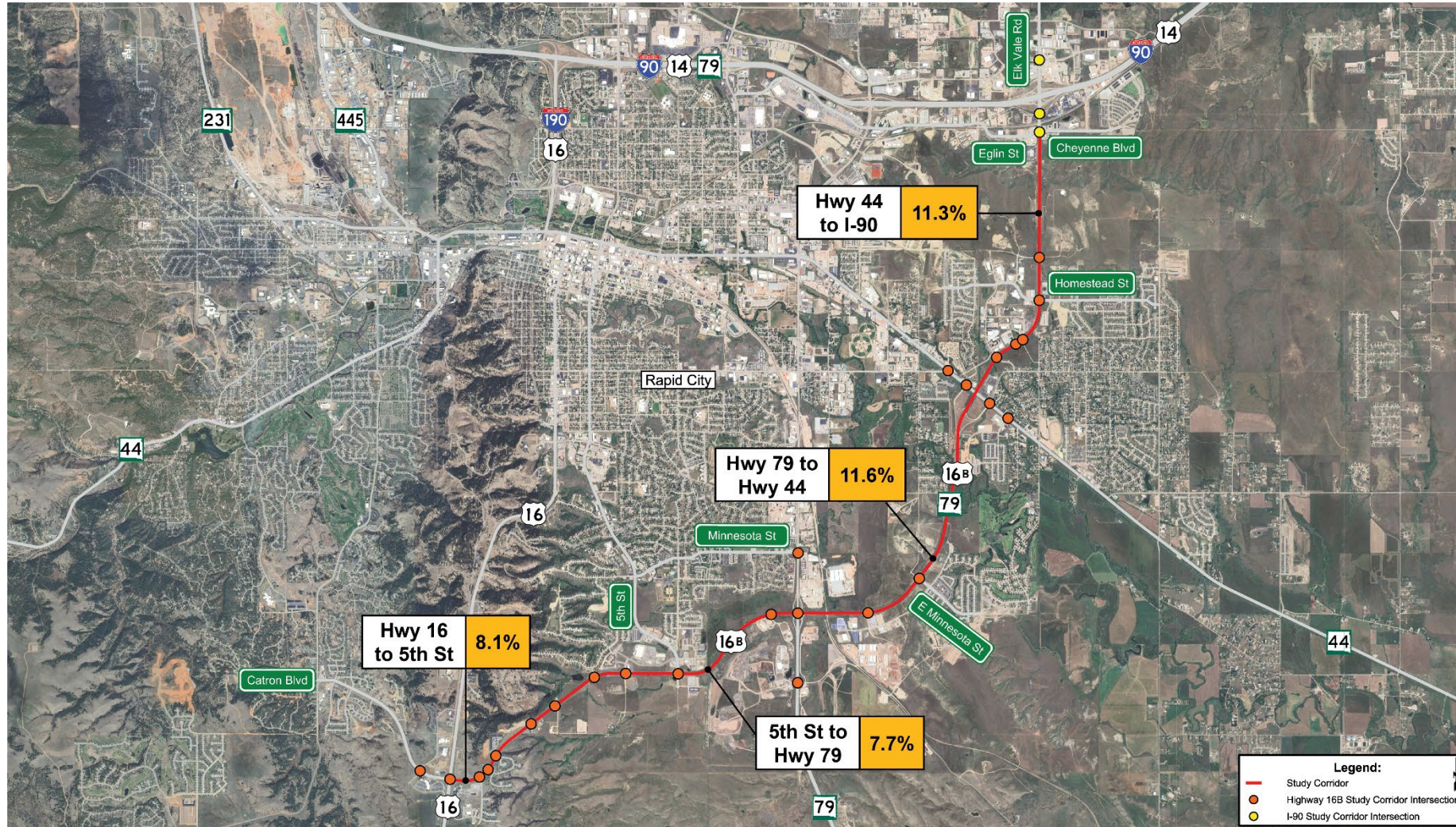
Existing Truck Traffic Volumes for I-90



Daily Traffic Volumes for Highway 16B



Existing Truck Traffic Volumes for Highway 16B





Future Use & Classification of Highway 16B

Highway 16B was Built for Mobility

Highway 16B was originally constructed to move traffic, including trucks, efficiently around Rapid City with limited stops and signals.

The Corridor has Changed

As development has occurred, signalized intersections have been added, affecting the efficiency and reliability of travel.

What Could the Future Look Like?

Prioritize Access & Connections

- Retain existing signalized intersections.
- Maintain direct connections to surrounding development.
- Consider additional signals as development continues.
- Recognize that more signals may mean more stops and longer travel times.

Prioritize Regional Mobility

- Limit additional signalized intersections.
- Over time, replace signals with fewer grade-separated interchanges.
- Space interchanges at least one mile apart.
- Maintain efficient travel for regional traffic and trucks.

These concepts represent different long-term functions for Highway 16B. No decisions have been made.

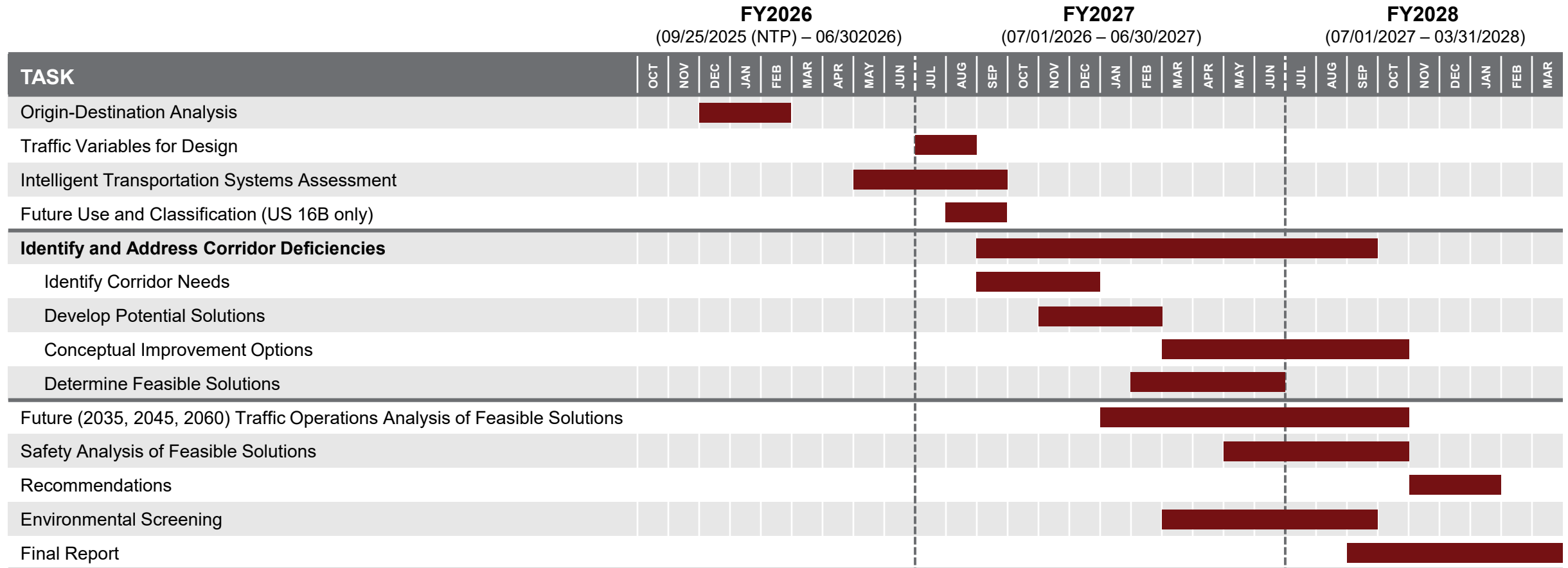
 Support the SAT
 SAT Meeting
 Public Meeting
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FY2028

(07/01/2027 – 03/31/2028)

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Project Schedule (continued)



Questions or Comments?

Written Comment Deadline:

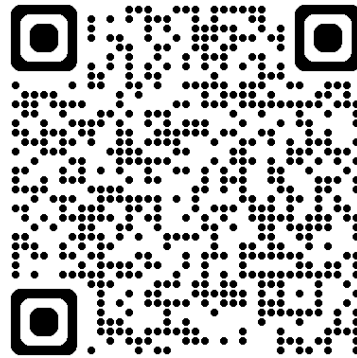
Friday, Nov. 6, 2026

Submit to:

Katrina Burckhard

South Dakota Department of Transportation

Katrina.Burckhard@state.sd.us



Website:

<https://dot.sd.gov/projects-studies/projects/public-meetings/#HP559>