US Highway 16
CORRIDOR STUDY

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PROJECT MEETING OVERVIEW

The project team will hold a public meeting/open house primarily to discuss and receive public input on concepts for the US16/16B/Catron Boulevard and US16/Neck Yoke Road intersections developed as part of the US16 Corridor Study. Input from this meeting will aid in the final recommendations of improvements for future projects at both intersections.

Preliminary concepts developed to date for other portions of the US16 study corridor will also be available for review and comment during the open house.

DETERMINE:

- ✔ US16/US16B/Catron Boulevard intersection configuration for design
- ✔ US16/Neck Yoke Road intersection configuration for design
- ✔ Turn lane, intersection configuration, and traffic control needs
- ✔ Rockerville access
- ✔ Corridor-wide access management plan
- ✔ Potential bicycle, pedestrian, safety, winter weather, and ITS improvements
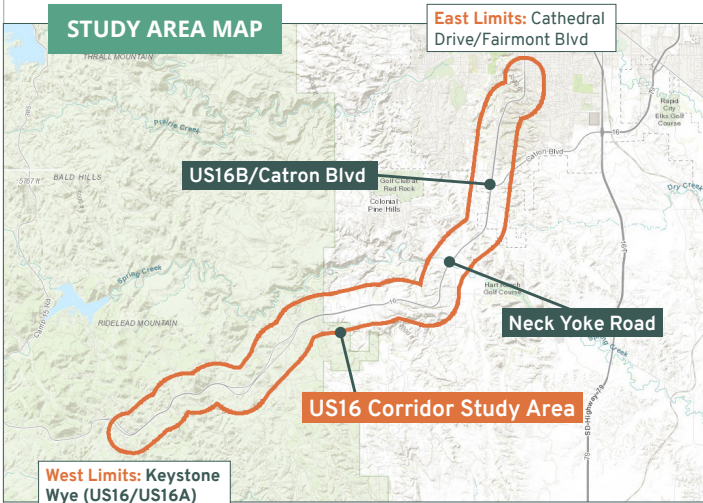
DEVELOP:

- ✔ Long-range plan of the US16 corridor
- ✔ Environmental documents for the US16/US16B/Catron Boulevard and US16/Neck Yoke Road intersections

US16 Corridor Study Schedule ⌄

Intersections Schedule (US16B/Catron Blvd and Neck Yoke Road) ⌄

Environmental Review	US16 Corridor Study Schedule		Intersections Schedule	Environmental Documentation
	Gather/ Analyze Information and Identify Issues	**2019**		
		A		
		M		
		J		
		J	**Public Meeting #1**	
	Develop and Evaluate Concepts	A	Determine, Analyze, and Refine Build Options	
		S		
		O		
		N	**Public Meeting #2**	
		D		
	Determine, Analyze, and Refine Scenarios	**2020**	Develop Intersection Reports	
		J		
		F		
		M		
		A		
Develop Corridor Study Reports		M		
	Public Meeting #3	J	**Submit Final Intersection Reports**	
		J		
cont'd		A		
		S		
	Submit Final Corridor Study Reports	O		
		N		
		D		

STUDY AREA MAP

East Limits: Cathedral Drive/Fairmont Blvd

US16B/Catron Blvd

Neck Yoke Road

US16 Corridor Study Area

West Limits: Keystone Wye (US16/US16A)

This study is a collaborative effort between the SDDOT, FHWA, Rapid City, Rapid City Area MPO, Pennington County, stakeholders, and the public to develop a comprehensive plan for the corridor.

LEARN MORE:

www.us16corridor.com

PROJECT CONTACTS:

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PUBLIC MEETING OBJECTIVES:

- Present build options and preliminary findings for US16B/Catron Boulevard and Neck Yoke Road intersections
- Gather public feedback regarding the proposed intersection improvement build options at the two locations

All materials presented at the public meeting, including display boards, intersection visualizations, informational handout, and a recording of the presentation, will be made available on the study website.

Tell us what you think:

Questions and written comments will be accepted until December 24, 2019, and may be submitted at the public meeting, through the website, or directly to one of the project contacts.

INTERSECTION BUILD OPTIONS

US16/US16B/CATRON BLVD BUILD OPTIONS:

+ 1: Single Point Interchange (SPI)
- 1.1: Free northbound (NB) and southbound (SB) right turn lanes
- 1.2: Signalized NB and SB dual right turn lanes

Key Features
- Grade separated interchange
- US16 over US16B/Catron Blvd
- Uninterrupted flow on US16
- Interchange ramps require closure of Tucker Street & Addison Avenue access
- Multiple right turn lane options

+ 2: Displaced Left Turn Intersection (DLT)
- 2.1: Free NB and SB right turn lanes
- 2.2: Signalized NB and SB dual right turn lanes
- 2.3: All right turns signalized

Key Features
- At grade intersection
- Left turns from 16B/Catron occur upstream of main intersection
- Interrupted flow on US16
- Allows potential modified access at Tucker Street and Addison Avenue
- Multiple right turn lane options

US16/NECK YOKE ROAD BUILD OPTIONS:

+ 1: Reduced Conflict Intersection (RCI)
- 1.1: at Neck Yoke Road
- 1.2: at Central Driveway
- 1.3: at Central Driveway with US16 Realignment

Key Features:
- At grade intersection
- Reduce number of conflict points compared to full access intersection
- Minimal impact to through traffic on highway

+ 2: Traffic Signal
- 2.1: at Neck Yoke Road
- 2.2: at Central Driveway

Key Features:
- At grade intersection
- Full access
- Interruption to highway through traffic

NO-BUILD OPTIONS:

The No-Build condition is an option at both intersections.

US16/US16B/CATRON BLVD REFERENCE KEY:

- Proposed Roadway
- Displaced Left
- Depressed Median
- Raised Median
- Sidewalk
- Bridge Construction
- Remove Roadway
- Existing ROW / Property Line
- Retaining Wall
- ROW Acquisition
- Signalized Intersection
- Stop Condition Intersection

US16/NECK YOKE ROAD REFERENCE KEY:

- Proposed Roadway
- Bridge Construction
- Depressed Median
- Concrete Median
- Existing ROW / Property Line
- ROW Acquisition