Regional Perspectives

North Central Region

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Washington State Department of Transportation

Agenda

- Aging Infrastructure
- Narrow Roadways
- Rural Passing Lanes
- Wildlife Collisions

Aging Infrastructure

SR 155/111 SP Bridge

Central Avenue in Omak

SR 155 / 111 SP Bridge

Existing

Concept

Functionally Obsolete vs. Structurally Deficient

Statewide - WSDOT

- Approximately 3031 Bridges of various types
  - 776 are Functionally Obsolete
  - 144 are Structurally Deficient

Regionally – North Central Region

- Approximately 167 Bridges of various types
  - 35 are Functionally Obsolete
  - 5 are Structurally Deficient

Narrow Roads

- No place for bicyclists or pedestrians.
- Impacts tourism and economic vitality.

Areas Without Sidewalks

Junction SR 155 and US 97

Areas Without Sidewalks

SR 155 along Stampede Grounds

US 97 / SR 215 Signal, Omak

Reduction of Delay, Societal Cost and Greenhouse Gas Emissions

- Most of Omak's population lives west of US 97.
- Shopping, restaurants and other businesses are east of US 97.
- Side street intersections are short distances from signalized intersection.
- US 97 AADT = 7,100
- SR 215 AADT = 12,000

BEFORE
Long queues on SR 215 prevented turning vehicles from entering left and right turn pockets and delayed vehicles on side streets, especially Omache Dr., attempting to enter SR 215. This caused traffic congestion and delay during peak hours.

US 97 / SR 215 Signal, Omak

Reduction of Delay, Societal Cost and Greenhouse Gas Emissions

SIGNAL OPERATION REVISIONS

- Changed leading left phasing on SR 215 / Engh Rd. to lagging left to clear queues more quickly.
- Reduced green light extension and added volume-density gap reduction on US 97 to give more green time to SR 215.

AFTER

- Significant reduction in delay of through and turning traffic on SR 215.
- Shorter queues on SR 215 / Engh Rd. and on Omache Drive.
- Reduced societal cost and greenhouse gas emissions.

Rural Passing Lane

US 97, North of Orondo

US 2

North of Wenatchee

US 97

South of Tonasket

Wildlife Fence To Reduce Collisions

US 97A, North of Wenatchee

Rock Slope Protection

US 97A, North of Wenatchee

SR 20 Loup Loup Summit

Remote Technology

US 2/97

Monitor Intersection

Questions?

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