I70 Exit 203 and EB Aux Lane Feasibility Study

Project Leadership Team #2

30 November 2018

Agenda

- Introductions   10 Min
- Meeting Purpose   10 Min
- Project Update   10 Min
- Review of Work to Date   60 Min
- Review of Project Schedule   10 Min
- Next Steps   5 Min

Meeting Purpose

Project Update

Work To Date

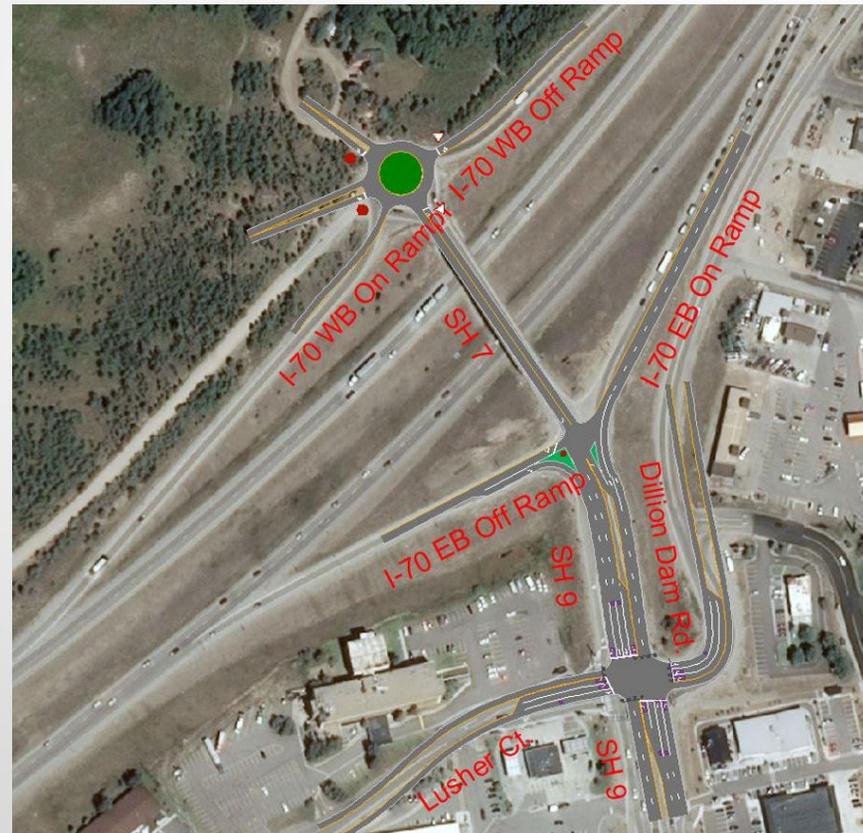- Traffic

- Planning

- Environmental

- Roadway

Work To Date
TRAFFIC

- Current Operations
  - Exit 203
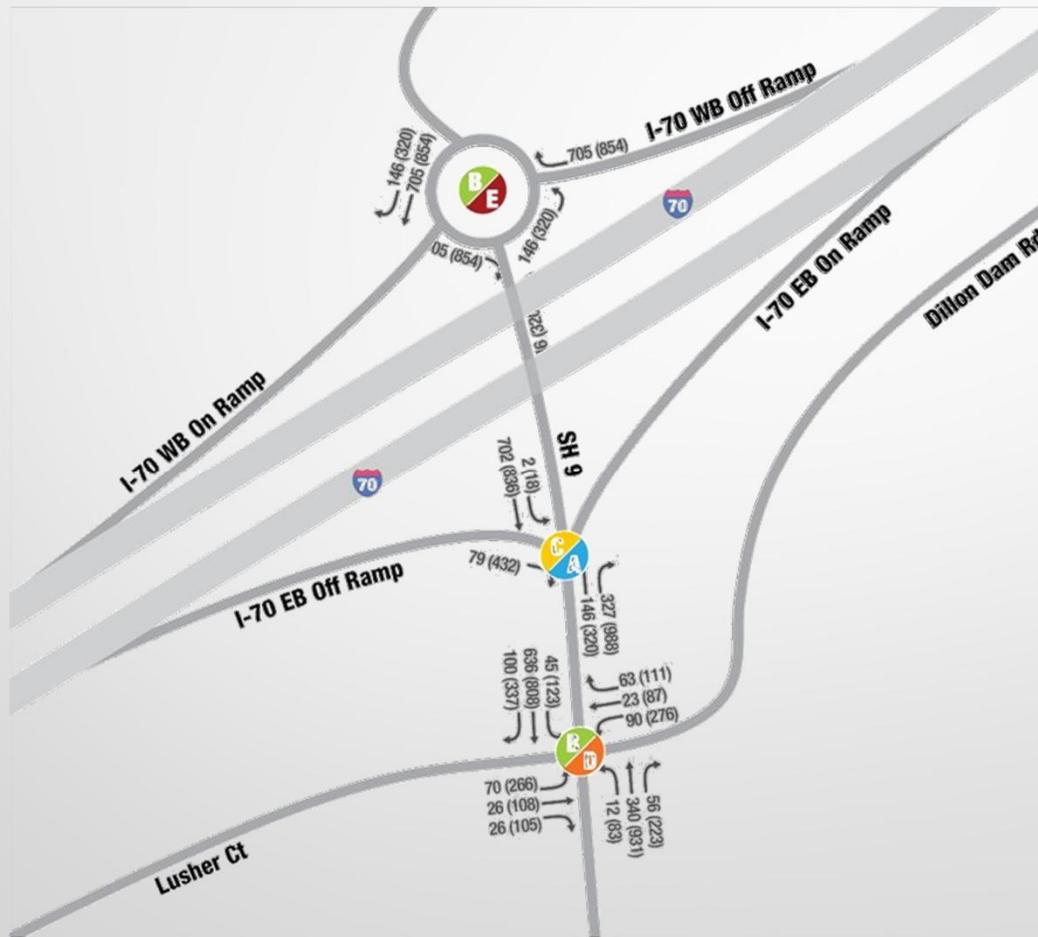 - Interstate 70
- Lane Balance

Synchro Model
State Highway 9

Synchro Model
SH 9 – Volumes and LOS

Work To Date
PLANNING

- Safety Assessment
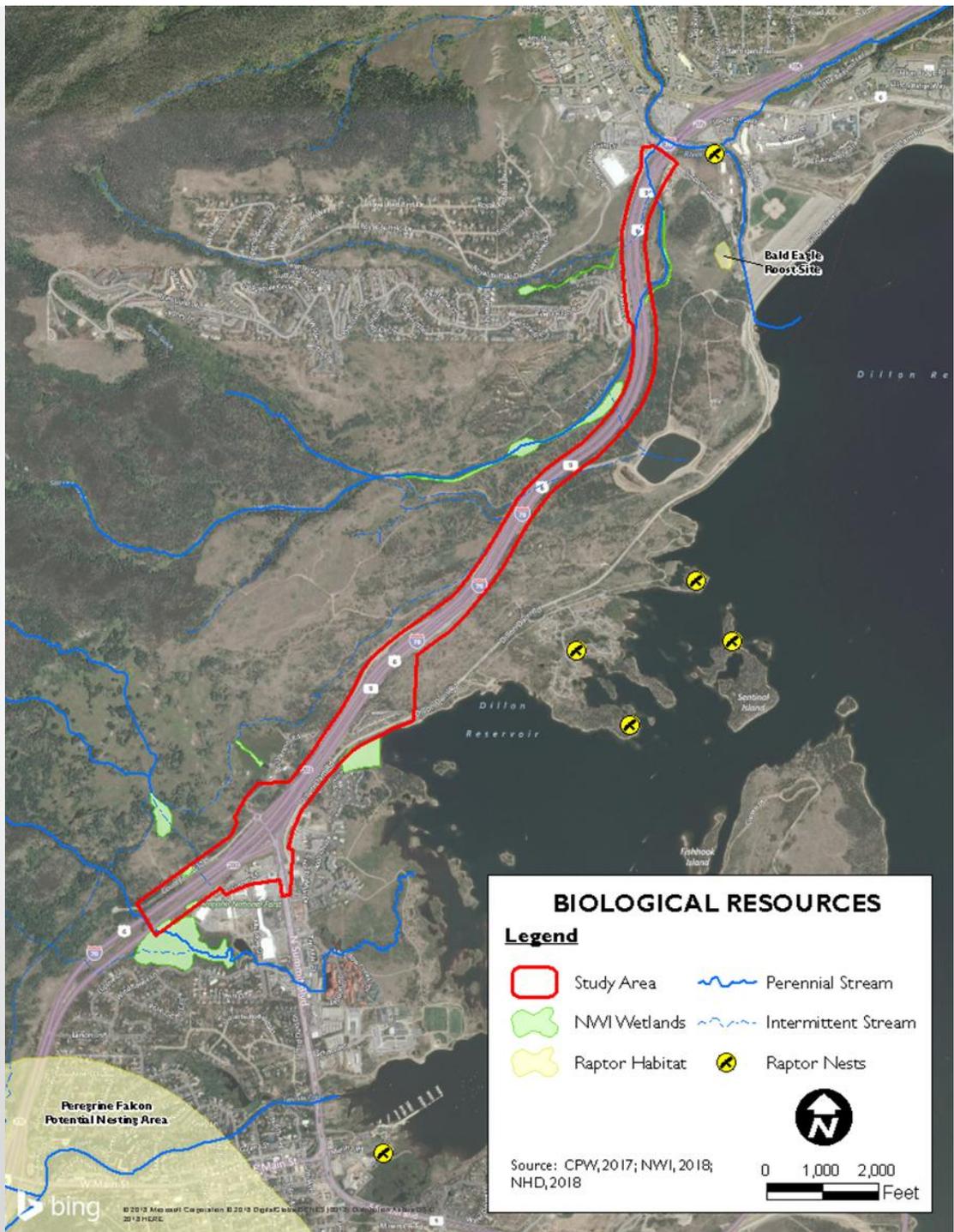- DRAFT Travel Demand Forecasting Approach

Work To Date
ENVIRONMENTAL

- DRAFT Environmental Overview Memo
  - Biological Resources
  - Hazardous Materials
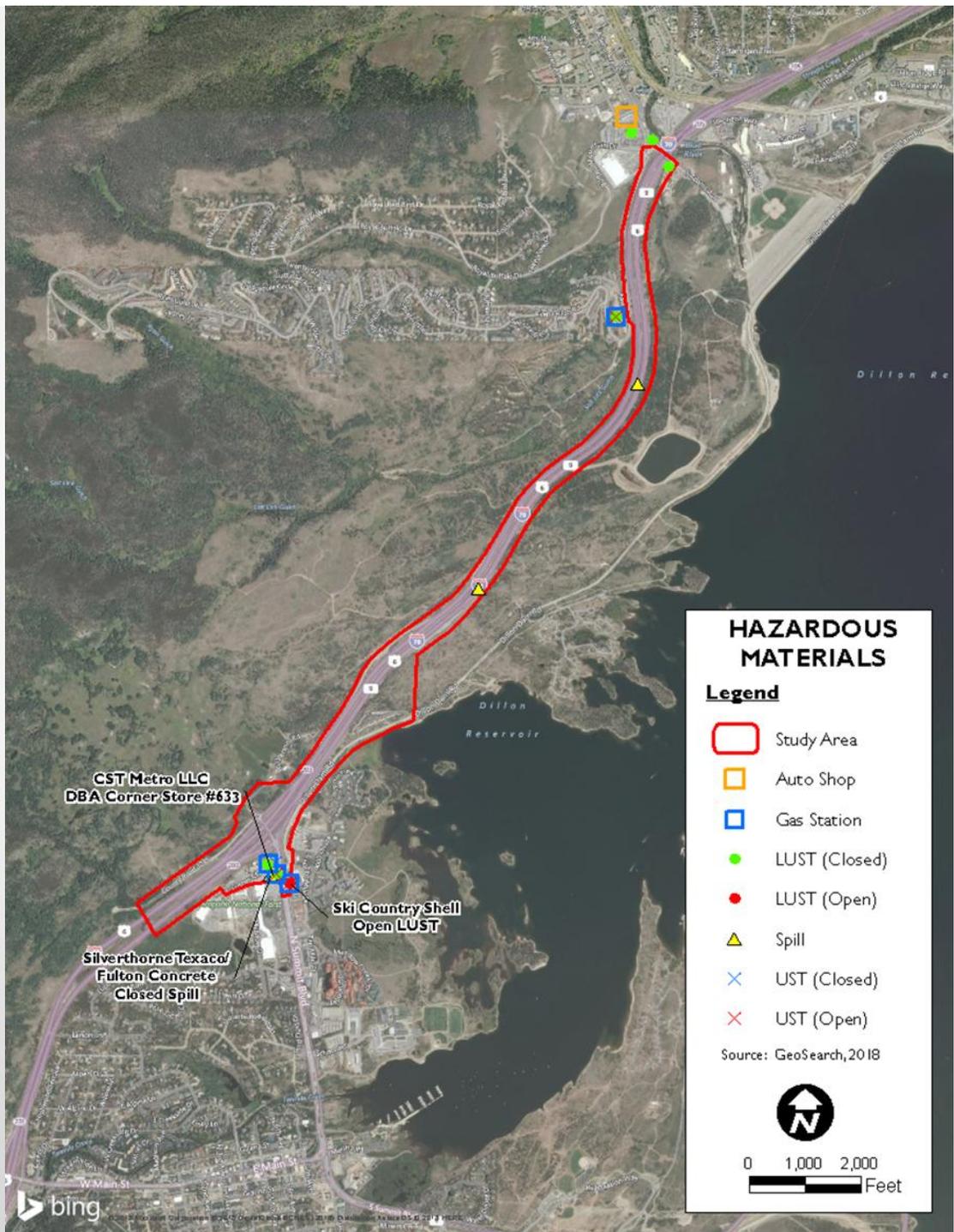 - Historic Resources
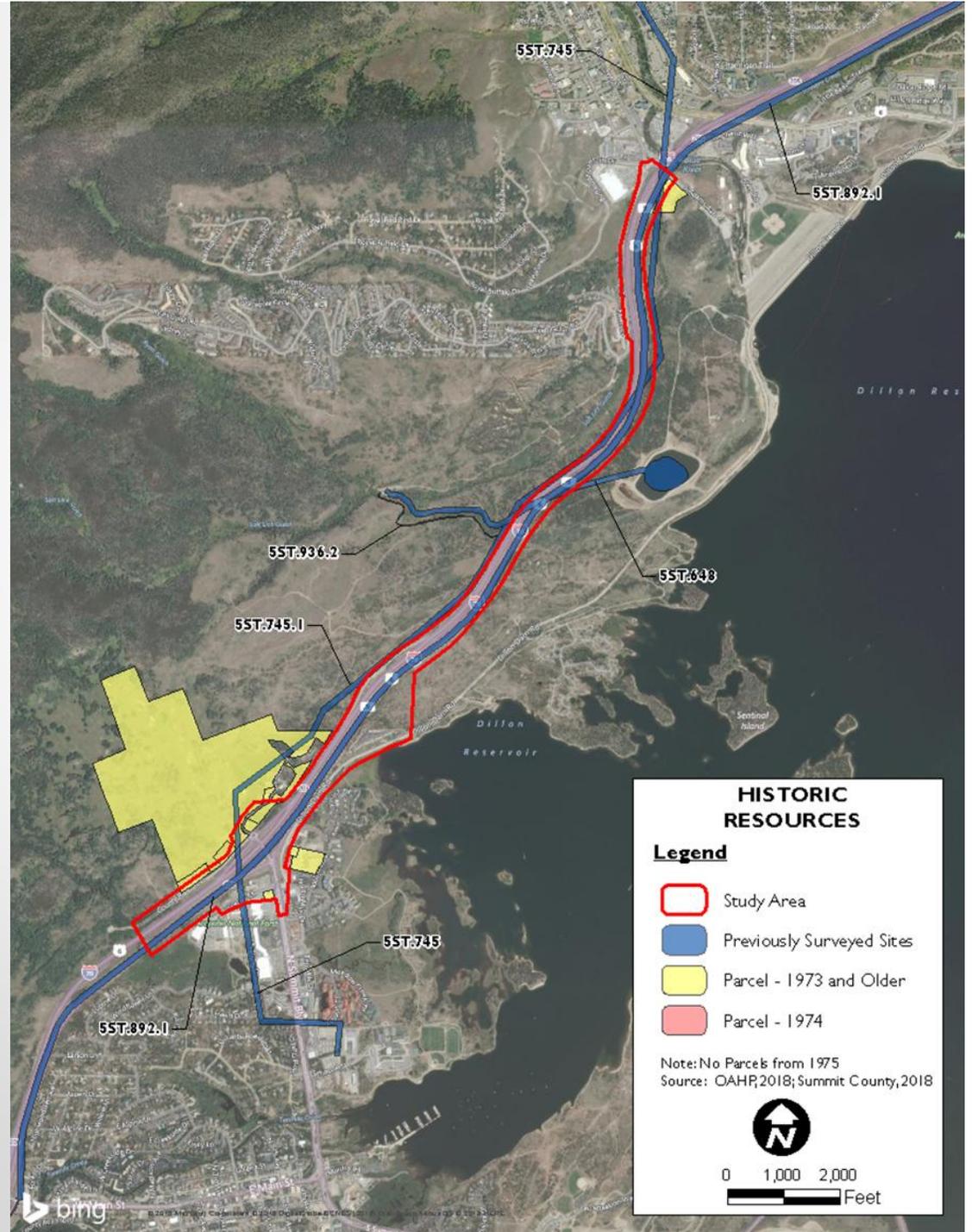 - Recreational Resources

DRAFT

- Biological Resources

BIOLOGICAL RESOURCES
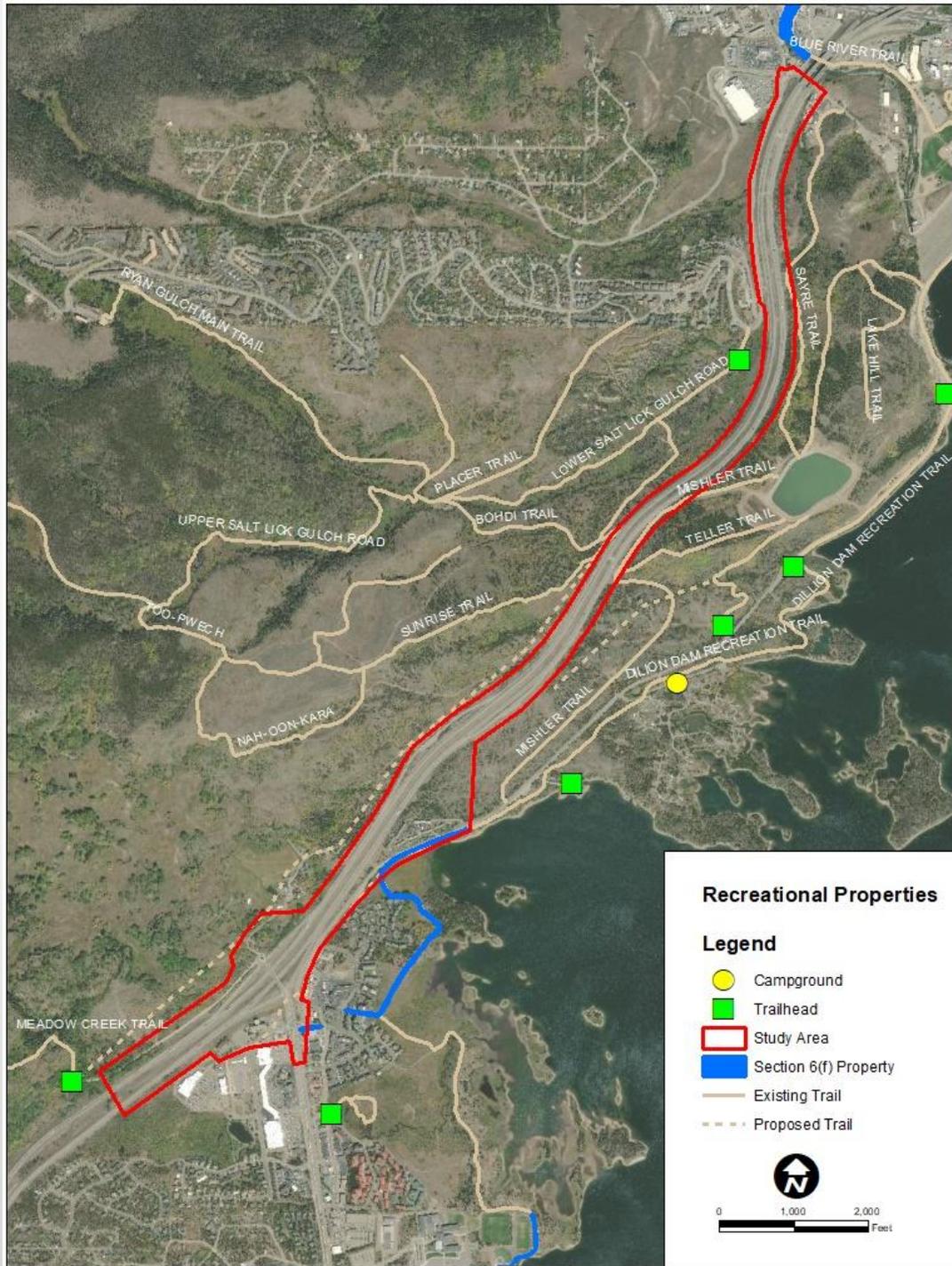
Legend

- ▭ Study Area
- ⬚ NWI Wetlands
- ⬚ Raptor Habitat
- ∿ Perennial Stream
- ∿ Intermittent Stream
- ⊗ Raptor Nests

Bald Eagle Roost Site

Peregrine Falcon Potential Nesting Area

Source: CPW, 2017; NWI, 2018; NHD, 2018

0   1,000   2,000 Feet

DRAFT

- Hazardous Materials

HAZARDOUS
MATERIALS

Legend

▭	Study Area
▭	Auto Shop
▭	Gas Station
●	LUST (Closed)
●	LUST (Open)
▲	Spill
✕	UST (Closed)
✕	UST (Open)

Source: GeoSearch, 2018

0   1,000   2,000
Feet

CST Metro LLC
DBA Corner Store #633

Ski Country Shell
Open LUST

Silverthorne Texaco/
Fulton Concrete
Closed Spill

DRAFT

- Historic Resources

HISTORIC RESOURCES

Legend

- Study Area
- Previously Surveyed Sites
- Parcel – 1973 and Older
- Parcel – 1974

Note: No Parcels from 1975
Source: OAHP, 2018; Summit County, 2018

0   1,000   2,000 Feet

DRAFT

- Recreational Resources

Recreational Properties

Legend

- ● Campground
- ■ Trailhead
- ▭ Study Area
- ▬ Section 6(f) Property
- — Existing Trail
- ┄ Proposed Trail

0   1,000   2,000 Feet

Work To Date
ROADWAY

- Concepts
  - EB Aux Lane
  - Chain Up
- Discussion
  - Interchange
  - Intersection
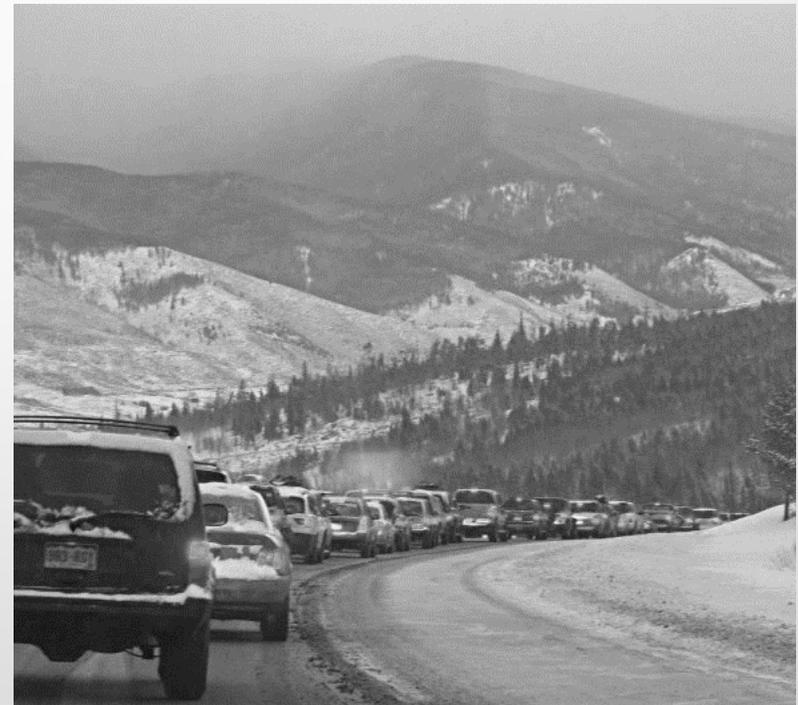
EB Auxiliary Lane
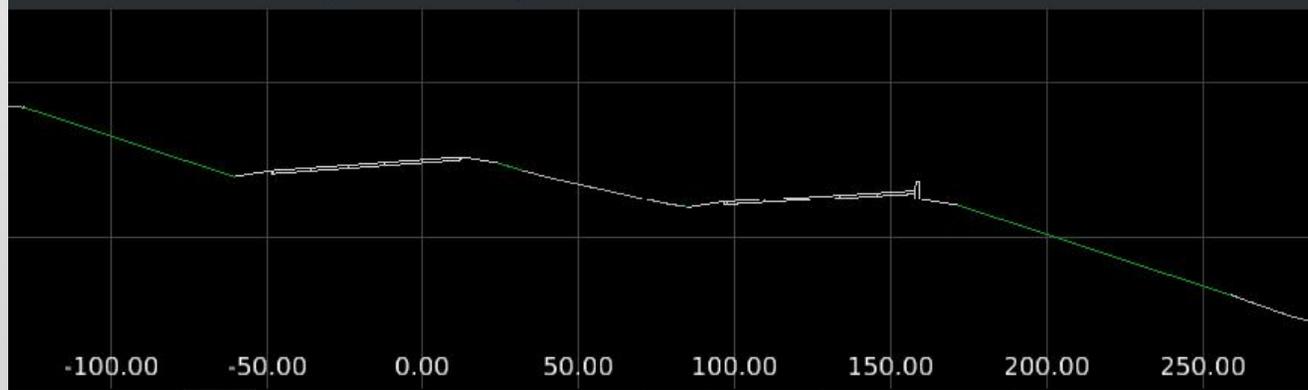## *OVERALL CONCEPT*

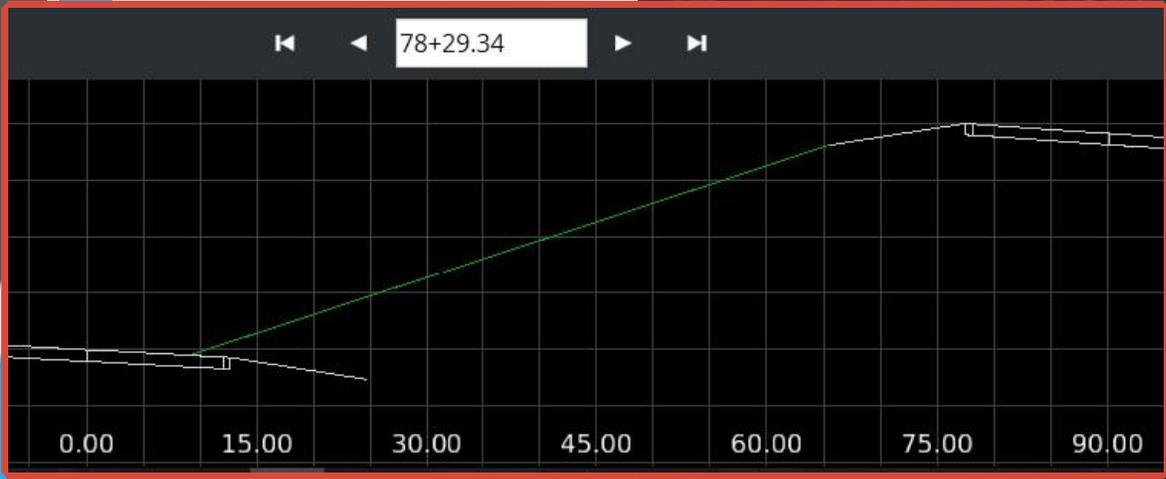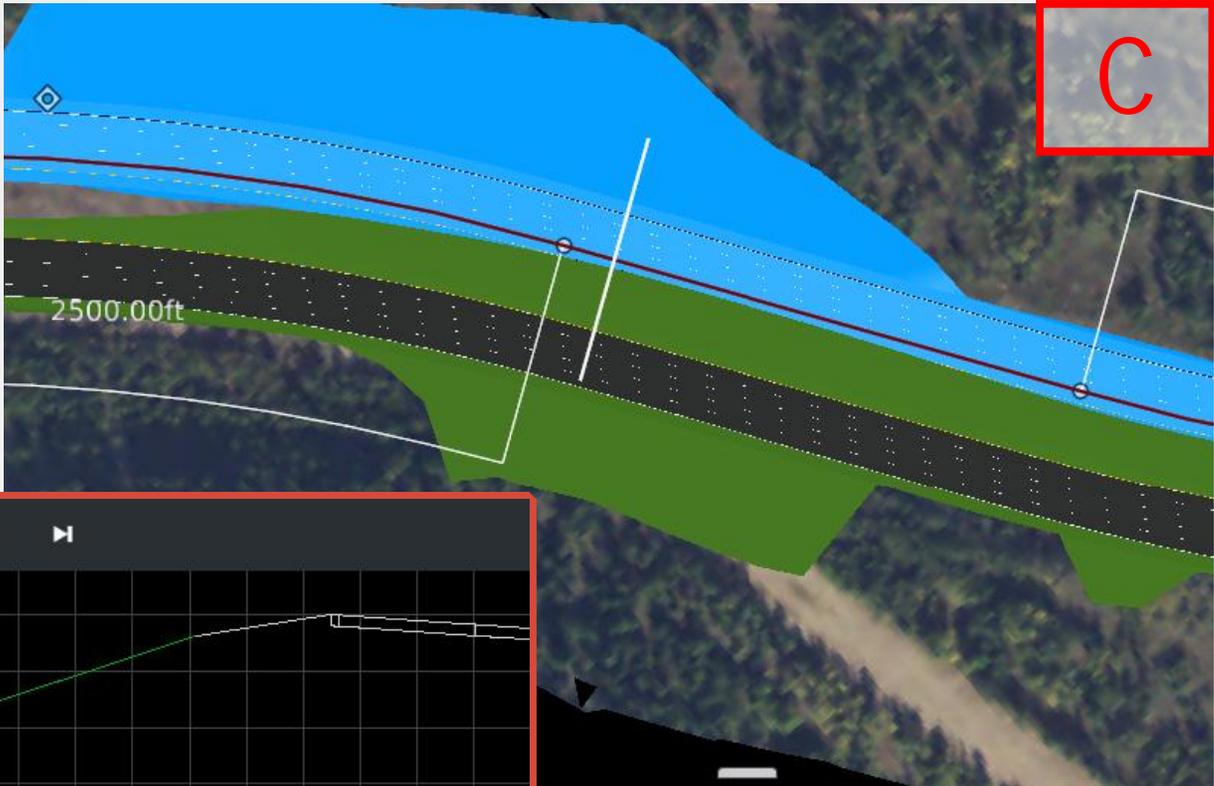EXIT 203

EXIT 205

A

B

C

A

14+29.65

-200.00 -100.00 0.00 100.00 200.00 300.00 400.00 500.0

B

47+04.73

-100.00   -50.00   0.00   50.00   100.00   150.00   200.00   250.00

C

2500.00ft

78+29.34

0.00   15.00   30.00   45.00   60.00   75.00   90.00

78+29.34

-250.00   -150.00   -50.00   50.00   150.00   250.00
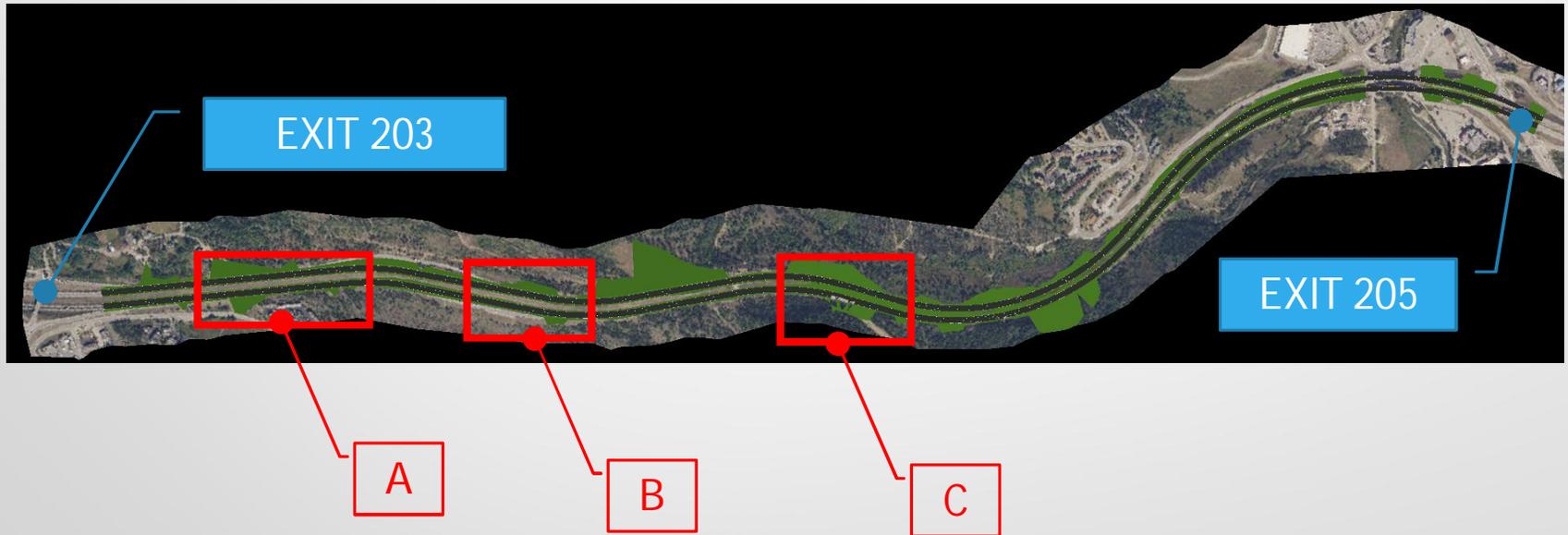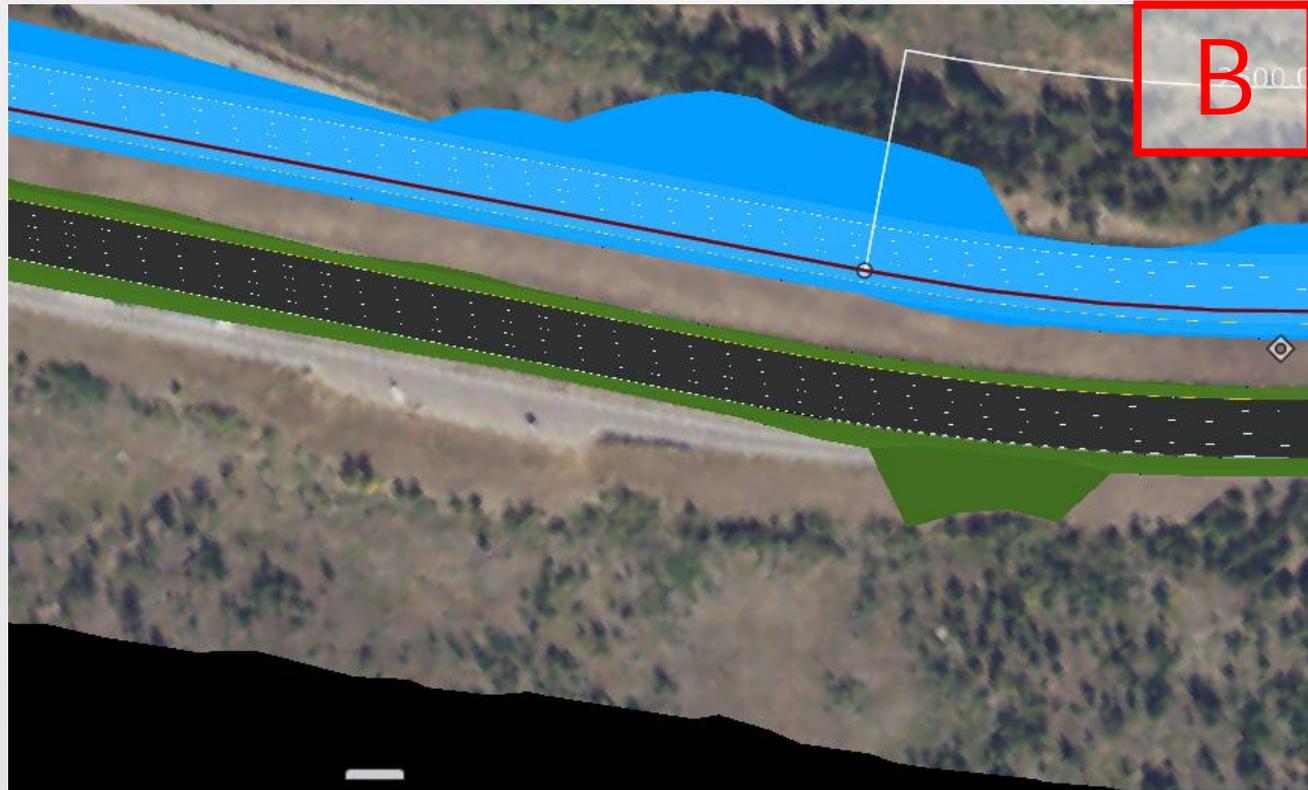
Chain Up Area
OPTION 1

Chain Up Area
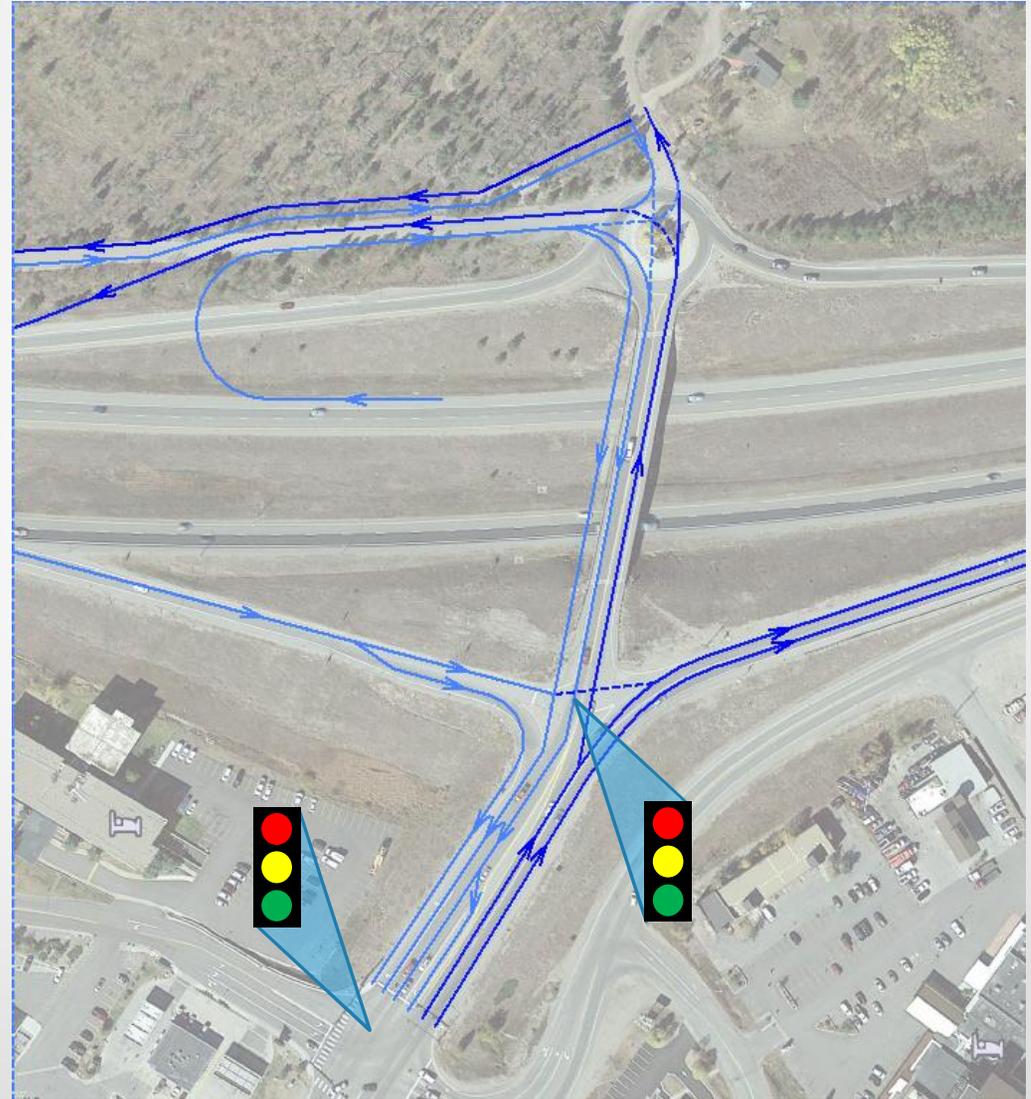## *OPTION 2*

Chain Up Area
OPTION 3
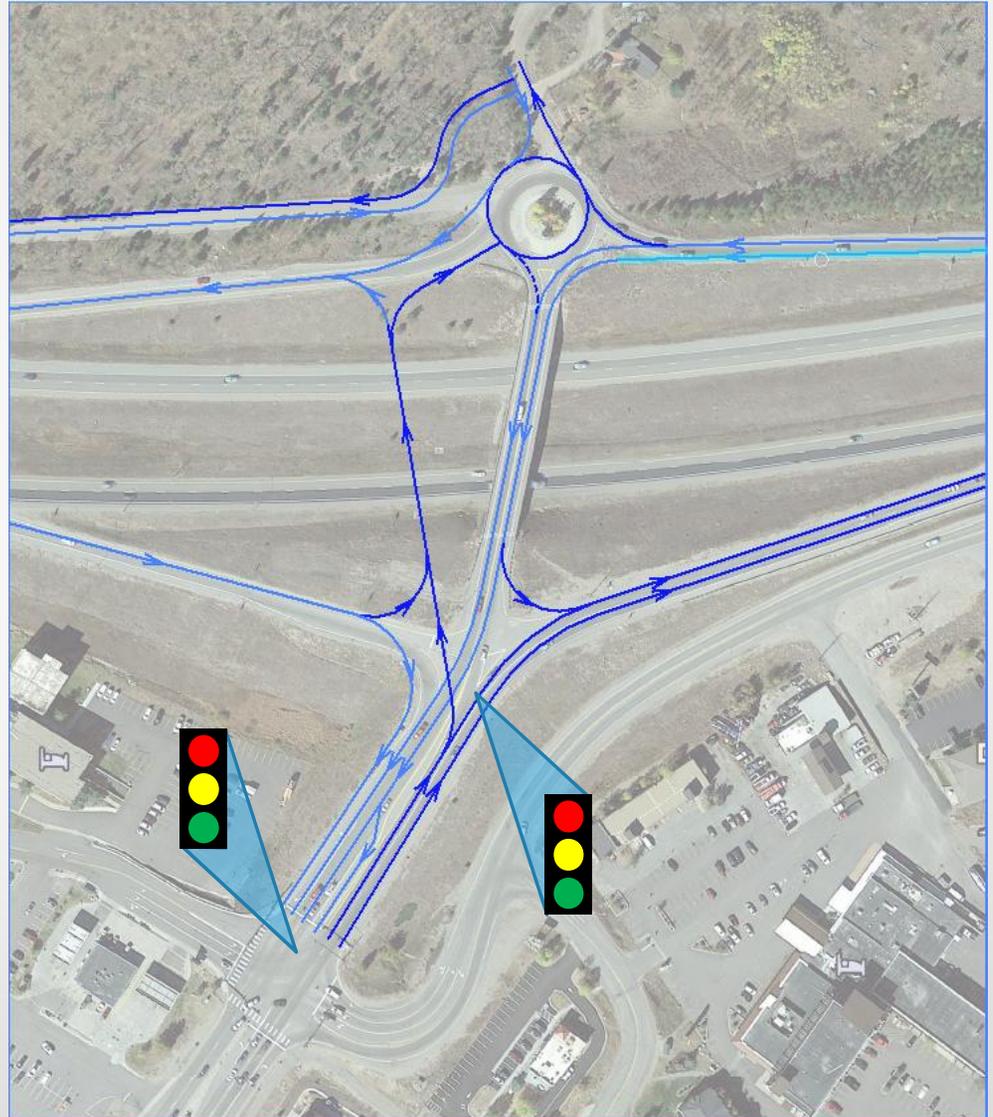
Interchange Concepts

DUAL LANE ROUNDABOUT WITH SIGNAL
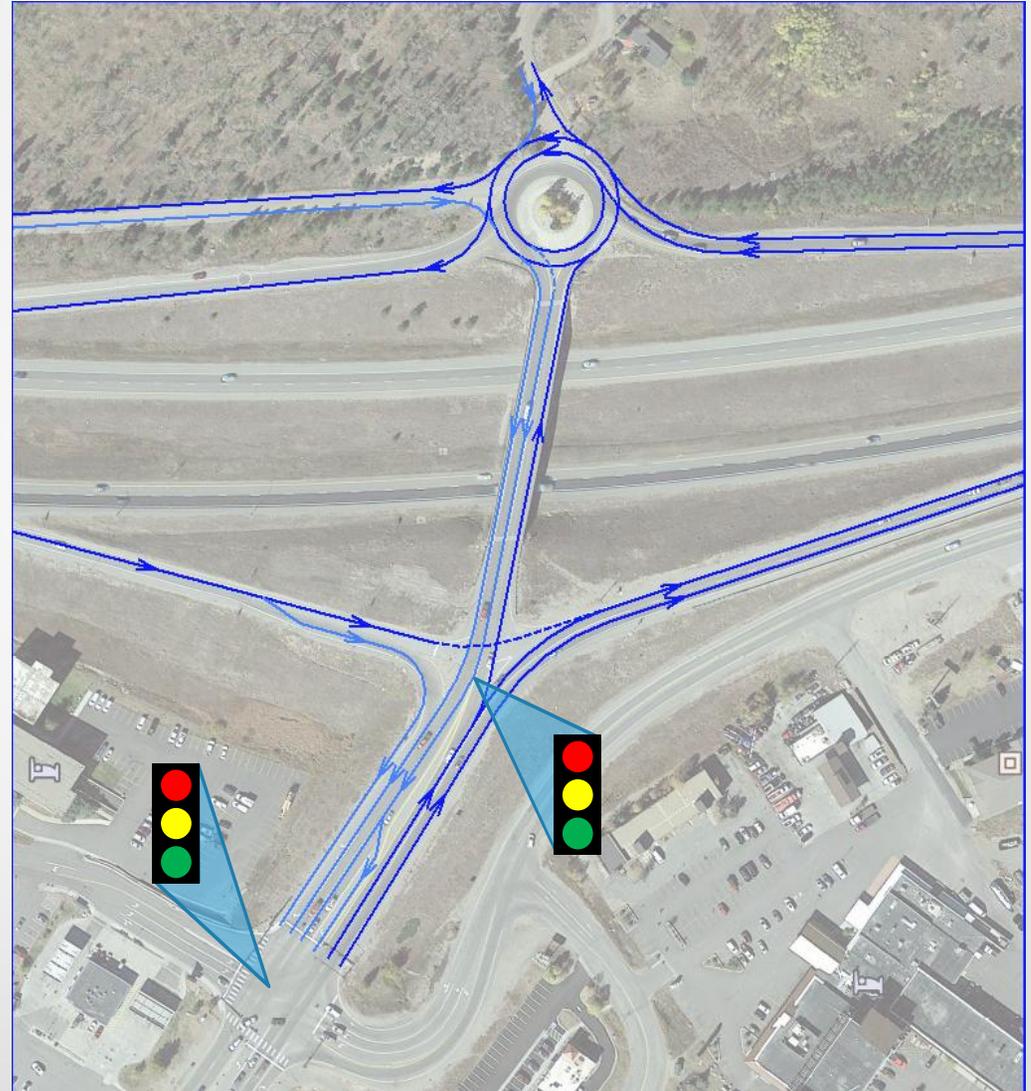
Interchange Concepts
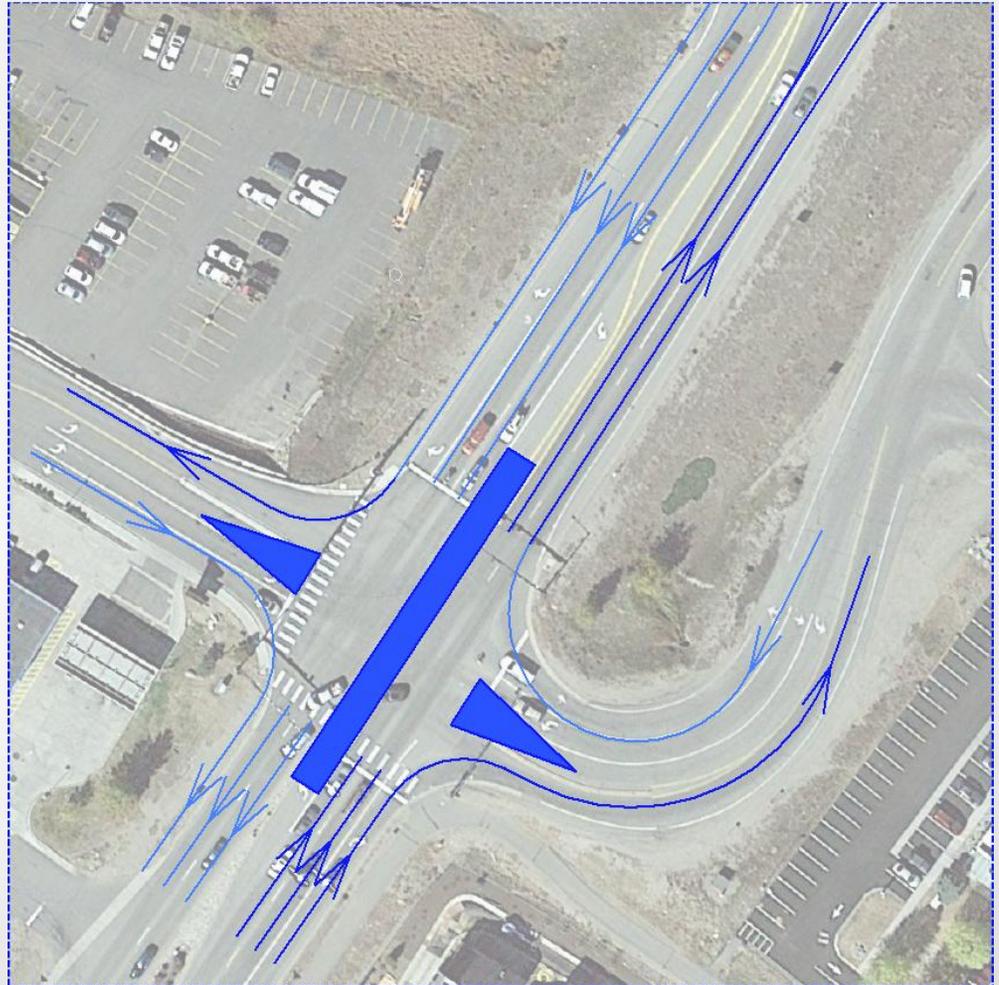
JUGHANDLE WITH SIGNAL

Interchange Concepts

MODIFIED DIVERGING DIAMOND INTERCHANGE
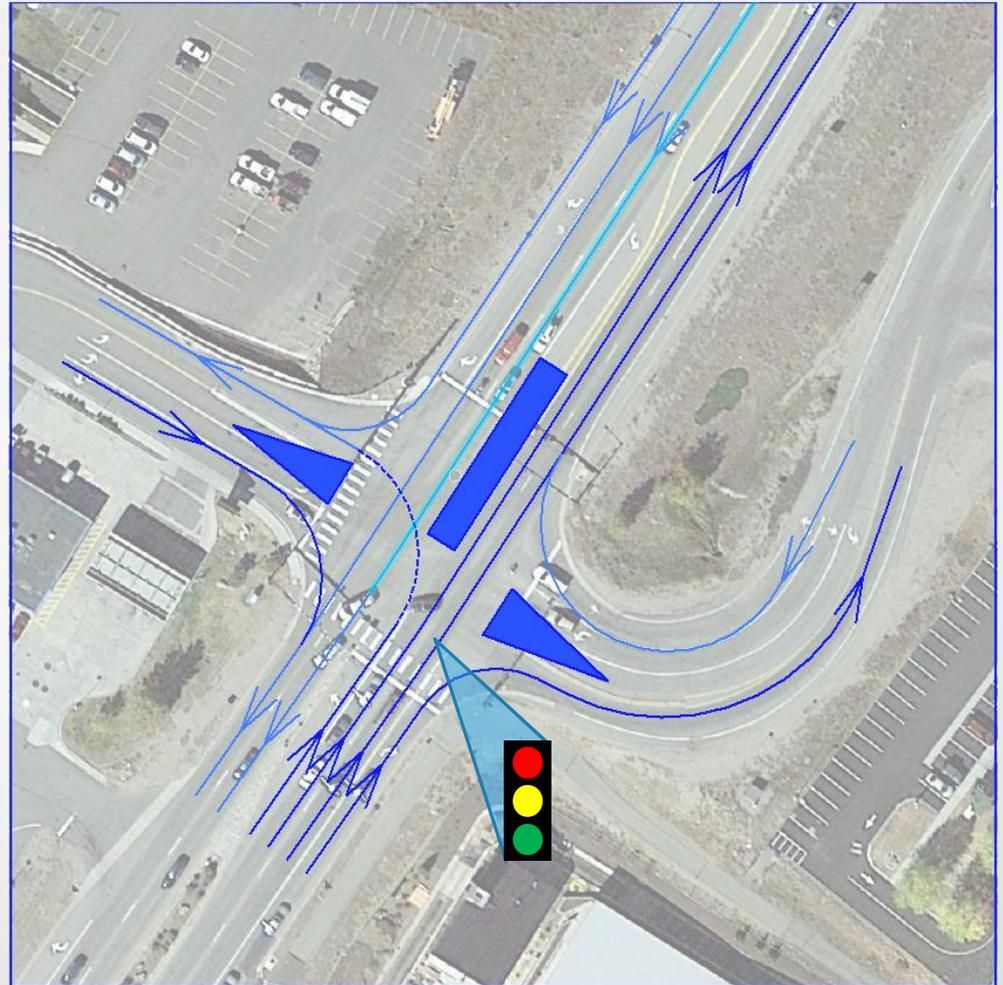
Intersection Options

DILLON DAM ROAD

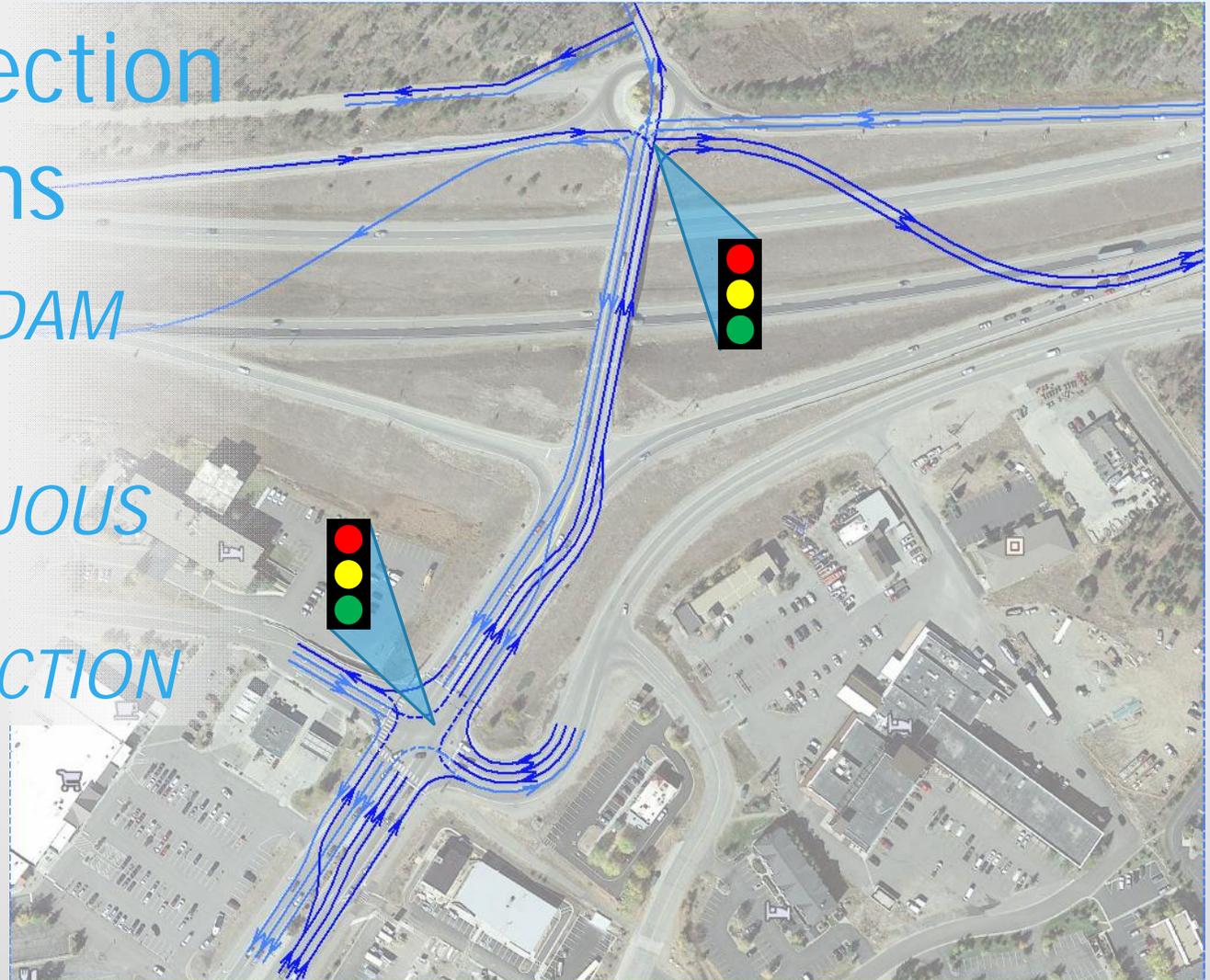*RIGHT-IN / RIGHT-OUT*

Intersection Options

DILLON DAM ROAD

¾ INTERSECTION

Intersection Options

DILLON DAM ROAD

CONTINUOUS FLOW INTERSECTION

Project Schedule

Task	Nov	Dec	Jan	Feb
PLT Meetings	t		t	t
Traffic Counts		t		
TDF Memo			t	
EO Memo		t		
Ops Analysis				
Alternatives				
Design Survey				è è

Next Steps