



AGENDA

DATE	30 November 2018 9:00 am – 11:00 am			
VENUE	Straight Creek Conference Room, Mountain Residency (West Tunnels), Frisco			
MEETING TITLE	PLT #2- - I70 Exit 203 and EB Aux Lane Feasibility Study			
CONTRACT NO	18-HA3-XB-00162, Task Order #1			
PURPOSE	Exit 203 and EB Aux Lane Feasibility			
ATTENDEES	Grant Anderson	CDOT R3 Resident Engineer	Tom Gosiorowski	Summit County
	Martha Miller	CDOT R3 Program Engineer	Steve Pouliot	Consultant Project Manager
	David Cesark	CDOT R3 Environmental	Myron Hora	Consultant Planning Lead
	Zane Znamenacek	CDOT R3 Traffic	Troy Halouska	Consultant Environmental Lead
	Mark Bunnel	CDOT R3 Traffic	Tim Harris	Consultant Principal-in-Charge
	Kent Harbert	CDOT R3 Access Engineer	Nate Will	Consultant Roadway Lead
	Patrick Chavez	I-70 Mtn Corridor Operations	David Sprague	Consultant Traffic Lead
	Jeff Goble	Town of Frisco		

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ITEM

1.0	Introductions	10 Min
2.0	Meeting Purpose (Anderson)	10 Min
3.0	Project Update (Miller)	10 Min
4.0	Review of Work to Date (Consultant Team)	60 Min
5.0	Review of the Project Schedule (Pouliot)	10 Min
6.0	Next Steps (Anderson)	5 Min

AGENDA

NOTES (AS PRESENTED BELOW AND IN POWER POINT ATTACHED)

1.0	Introductions CORRECTION: Patrick Chavez – <i>CDOT I-70 Mountain Corridor Operations</i>
2.0	<p>Project Update</p> <ul style="list-style-type: none">• More funding available, need to keep this project momentum. \$500k additional SB-1 dollars, potential \$750k RPP in FY '22 (start July 2021, may be able to shift around RPP within the four-year plan)• Use Google Drive sharing for project – at least for the Feasibility study• Jeff G: Do the partners need to think about setting \$\$ aside? Town of Frisco 2020 budget planning starts early 2019; may be able to shift around the four-year plan• Tom G: what was the ball park \$\$ EB aux lane in the PEOS?• There should be equal weight on the EB lane work vs. the 203 Interchange• Consider DRAFT Purpose and Need early in the process - May need to talk to FHWA (Joel) about Draft Purpose and Need statement in Feasibility Study and if there are concerns with that since NEPA classification hasn't been determined yet – would be based on Critical Success Factors and remain a dynamic document.• For Feasibility Study: Need Critical Success Factors (from PLT 1) on a 1-page fact sheet<ul style="list-style-type: none">– Address Safety and Capacity of I-70 corridor– Address SH9/Dillon Dam Road (DDR) intersection as part of the project network– Consider local trails plans– Attend to the PEIS– Lane balance– Corridor operations (ramp meters, road closures, truck storage)• DRAFT Documents sent for CDOT review are due back by December 7<ul style="list-style-type: none">– DRAFT Travel Demand Forecasting Approach– DRAFT Environmental Overview Memo; CDOT Region 3 Environmental confirmed that they would have comments back by the due date
3.0	<p>Meeting Purpose</p> <ul style="list-style-type: none">• Reaffirm Critical Success Factors• Provide information on the work to date and the draft concepts• Obtain feedback
4.0	<p>Review Work to Date</p> <p>TRAFFIC/PLANNING</p> <ul style="list-style-type: none">• Mark B: Look at continuous counters to see if Dec 30, 2017 data is a good day to base existing traffic numbers; verify the 30th highest hour volume for I-70• Tom G: Intersection LOS is not capturing side-street difficulties, Critical Success Factor is a “Network” solution, and side-streets are critical to this network, all agreed – recommend using Summit County and Town of Frisco Planning Guidelines• Tom G: Summit County appreciates the approach as described for modeling to include layering demand modeling with trip generation from significantly sized development projects.• Zane: even though SAR shows no safety issue at WB 203 off, can state that this is a high-risk area due to high speed differential with ramp traffic stopped next to through-lane• Tom G: The operations analysis on I-70 should include the interactions on the I-70 corridor – VISSIM will be used for detailed analysis of alternatives, for now the feasibility study will use HCS corridor operations software that provides a high level interaction analysis between corridor segments. <p>ENVIRONMENTAL</p> <ul style="list-style-type: none">• No major red flags in the corridor• Grant: send Safe Passages Wildlife Report to Troy• It was noted that the SWEEP and ALIVE MOU's need to be reviewed as well <p>ROADWAY</p> <ul style="list-style-type: none">• Full movement at Lusher Court/DDR is a priority for the Town of Frisco and Summit County.• Patrick noted that the chain up stations are quickly overwhelmed during storm events with not enough spaces – often called in to turn off lights to eliminate the continued egress to the chain up station.• Question: Is there a Regional or Statewide chain up/chain down plan? Where are other opportunities for stations – Copper Mtn – not realistic because of location• Consider the separate uses of the area – overlook versus chain up

AGENDA

	<ul style="list-style-type: none">• Ten-mile road as an alternate route would be a fatal flaw = collector function, local residential area• Zane mentioned another effort looking at Ramp Meters functions, need to incorporate
5.0	Review of the Project Schedule <ul style="list-style-type: none">• Start now for public meeting planning in February; a information gathering event; 4-7pm
6.0	Wrap Up / Next Steps <ul style="list-style-type: none">• For all meetings, use Google Meet, not Skype, for CDOT connectivity ease...• Post documents in appropriate folder on Google Drive, Steve should have permissions to organize and edit the Drive: https://drive.google.com/drive/folders/1NQ4ndY4FswBU4M9SIj-btr3ribTUI-0I?usp=sharing•
ACTION ITEMS <ul style="list-style-type: none">• Steve/Myron: Need to get a Public Open House scheduled. Best in February, either Frisco Day Lodge or Summit County Senior facility, 4pm to 7pm• Add Critical Success Factors to Agenda as Information• Grant: send Safe Passages Wildlife Report to Troy• Correct minutes from PLT 1, Section 4 needs changed to ... "Summit County" noted they will be issuing RFP for Development Impact Study...• Task Order 1 expires July 1, 2019... need to see if that date needs to be extended for Topo Survey completion	

DISTRIBUTION: Attendees

Copies to:

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Subject to Revision

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

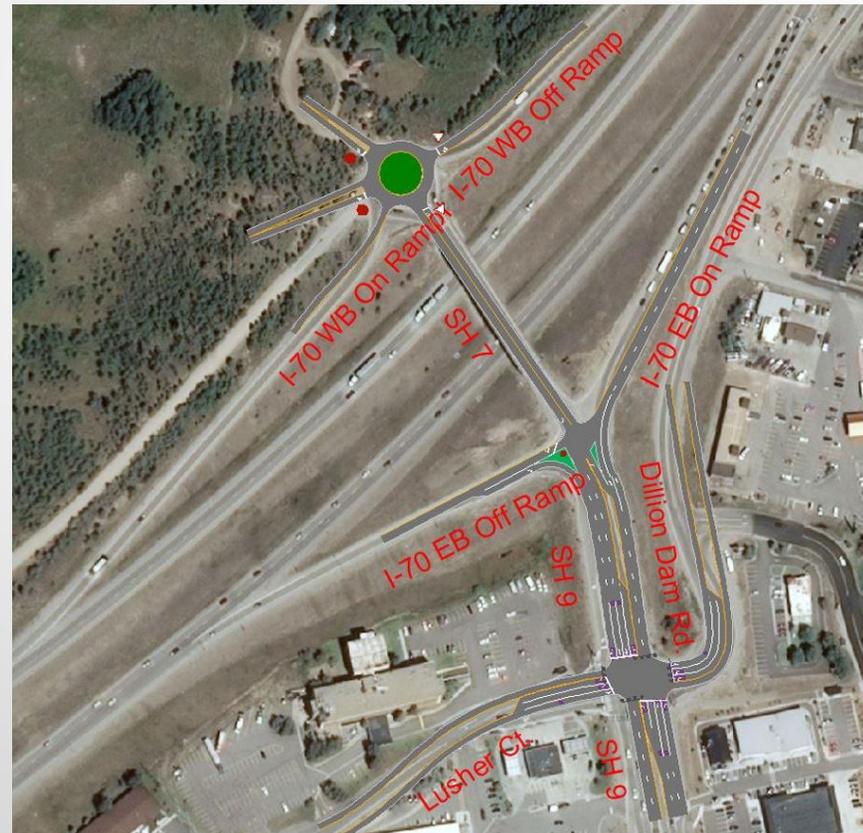
TRAFFIC

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



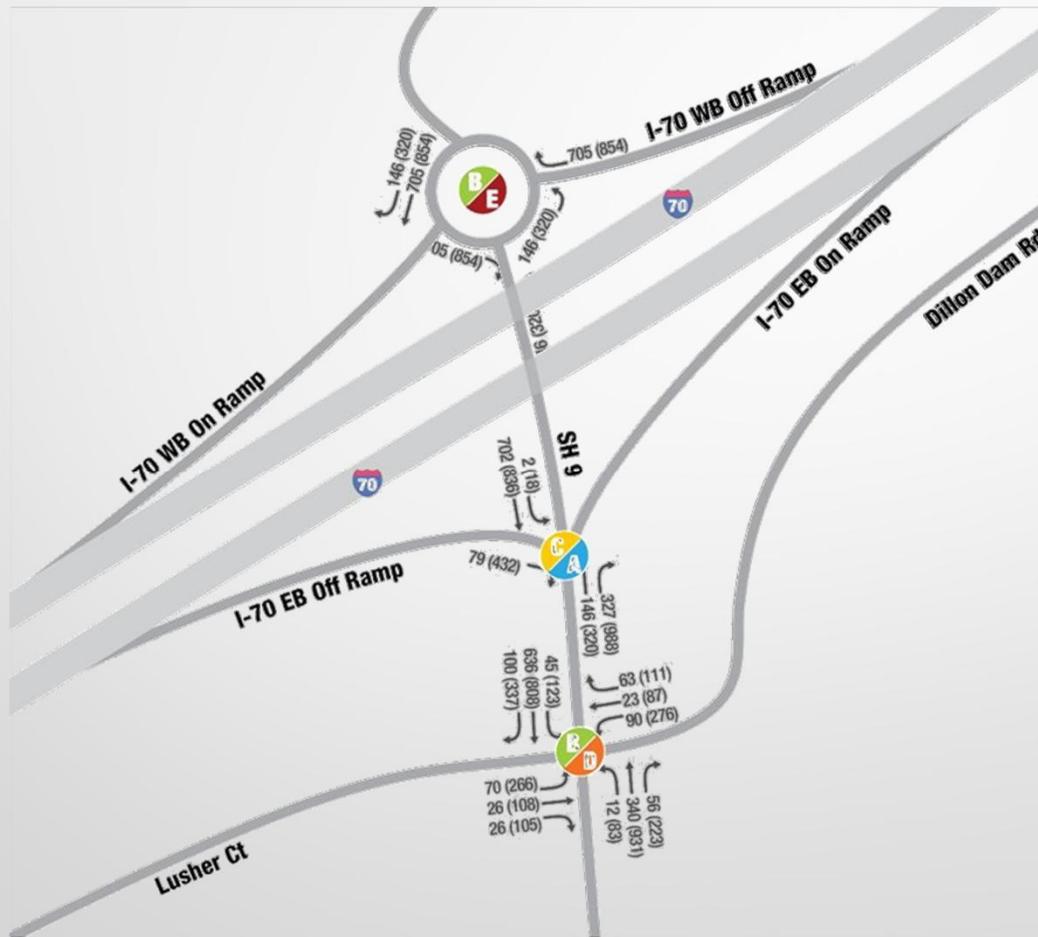
Synchro Model

State Highway 9



Synchro Model

SH 9 – Volumes and LOS



Work To Date

PLANNING

- Safety Assessment
- DRAFT Travel Demand Forecasting Approach



Work To Date

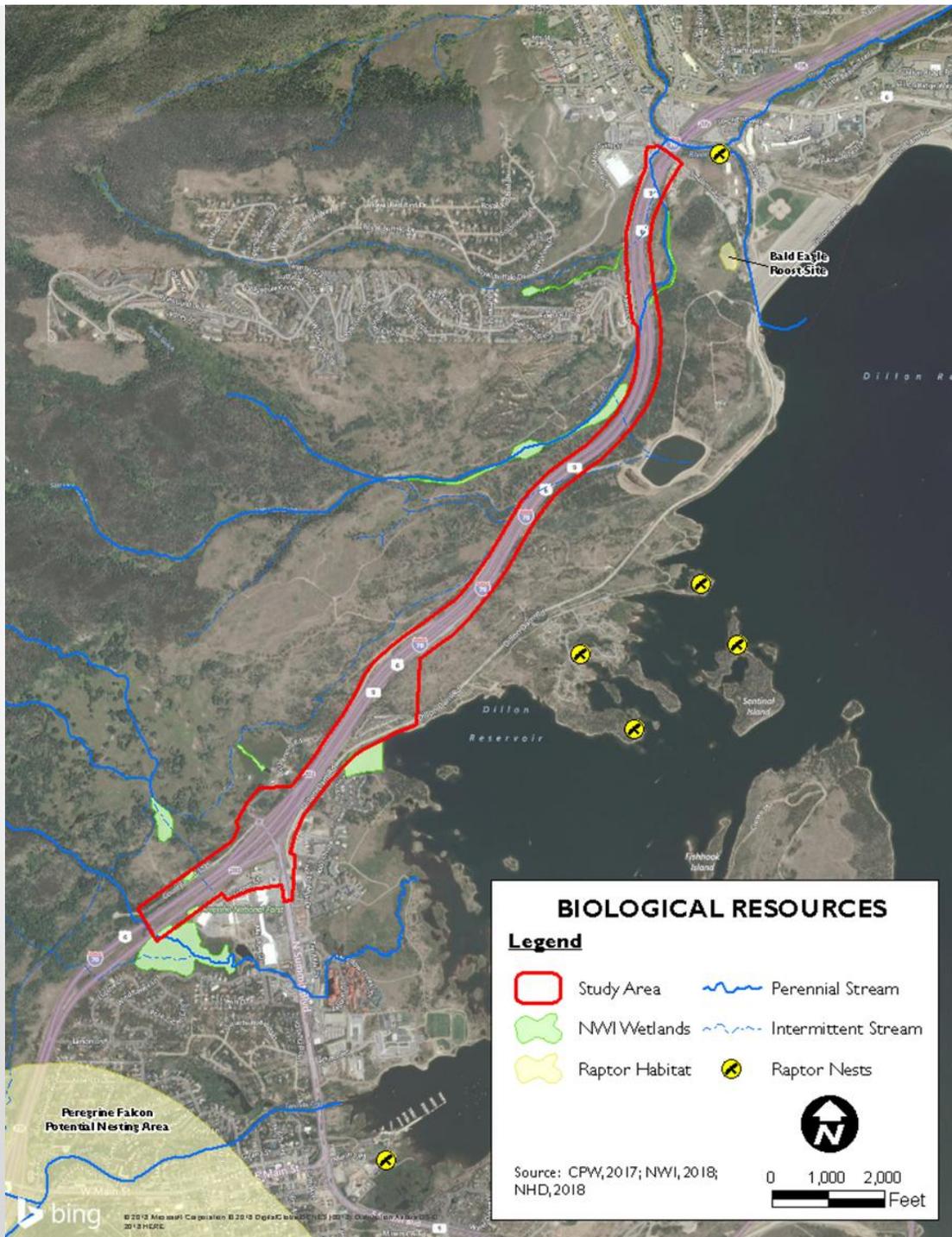
ENVIRONMENTAL

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



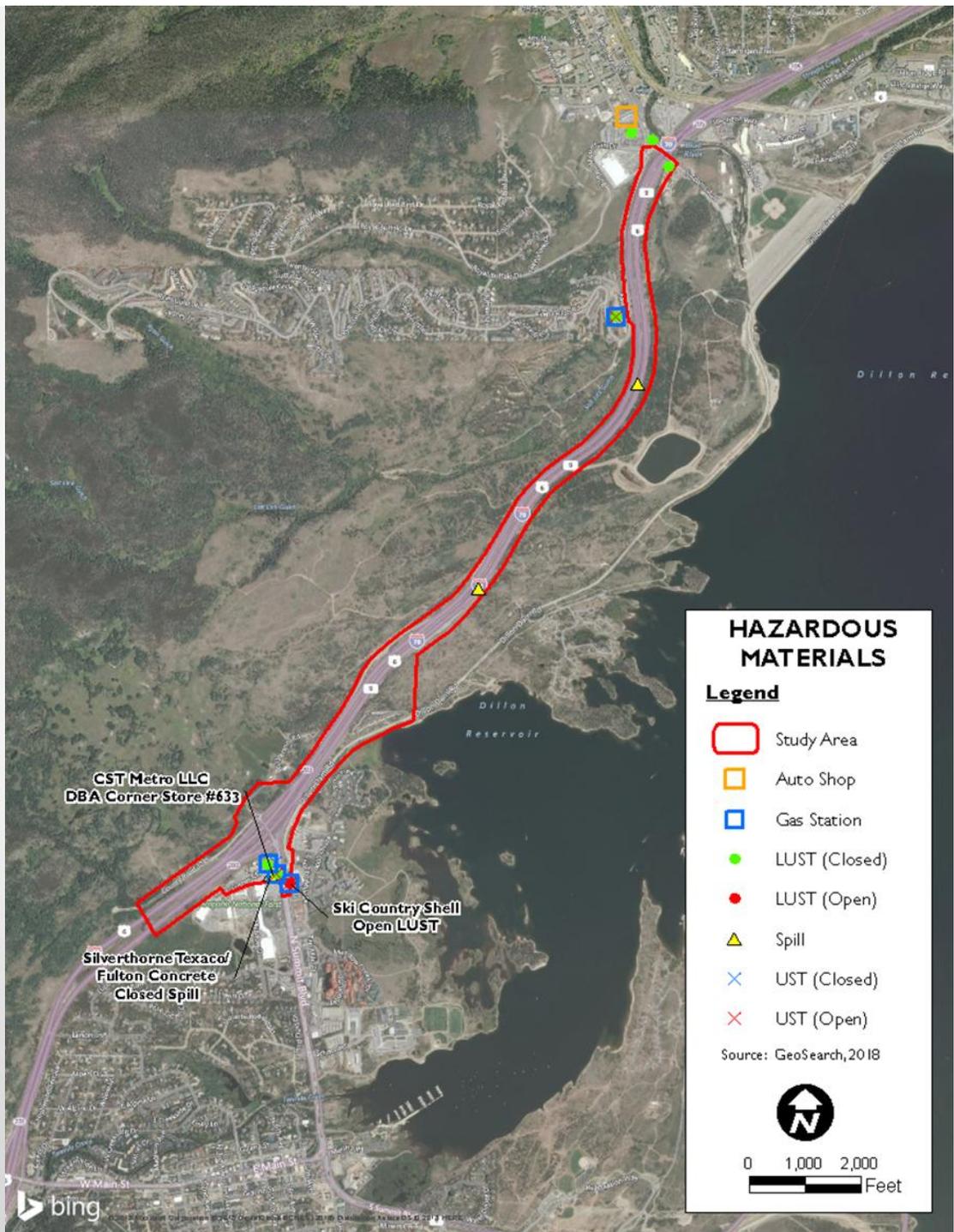
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- Biological Resources



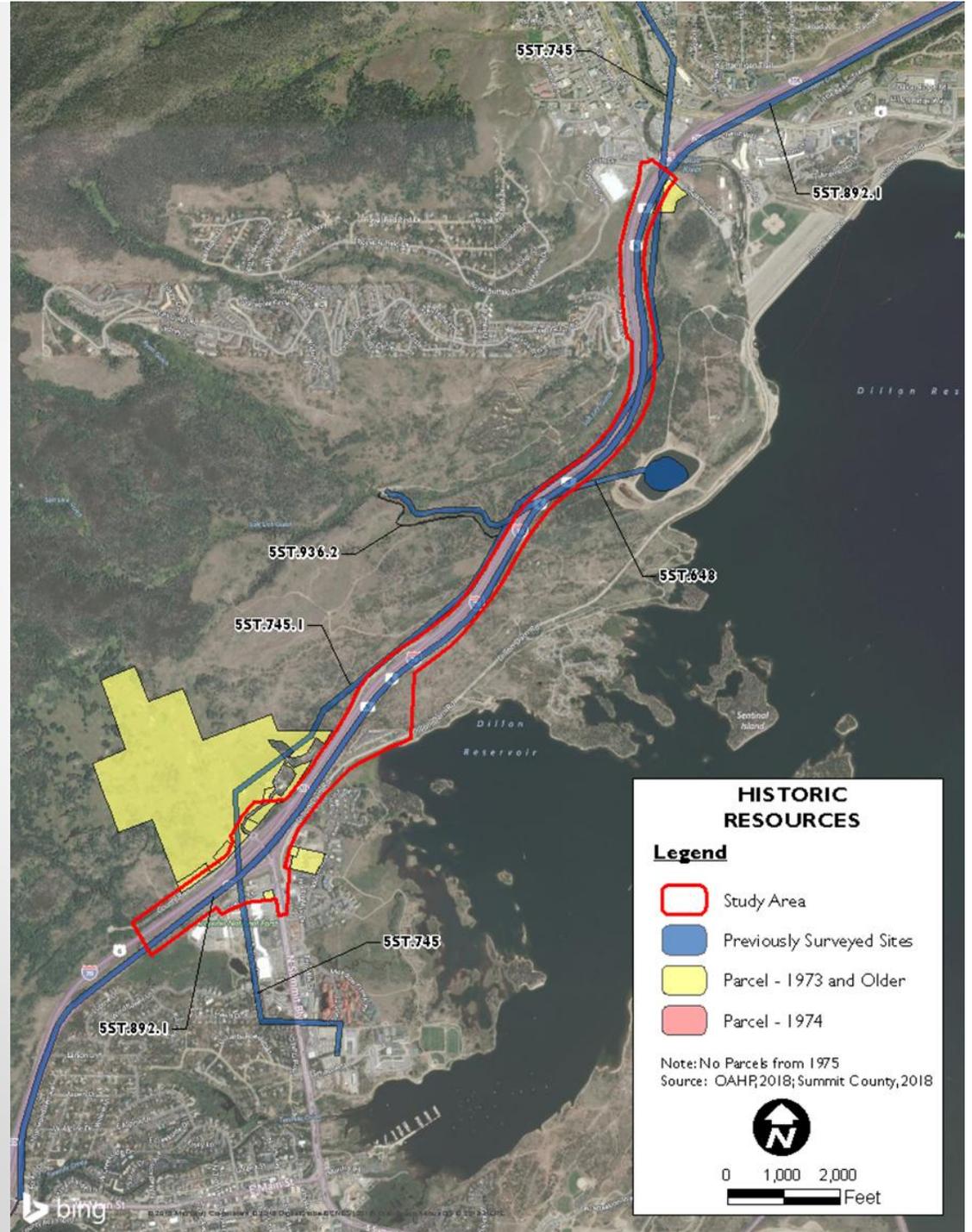
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● Hazardous Materials



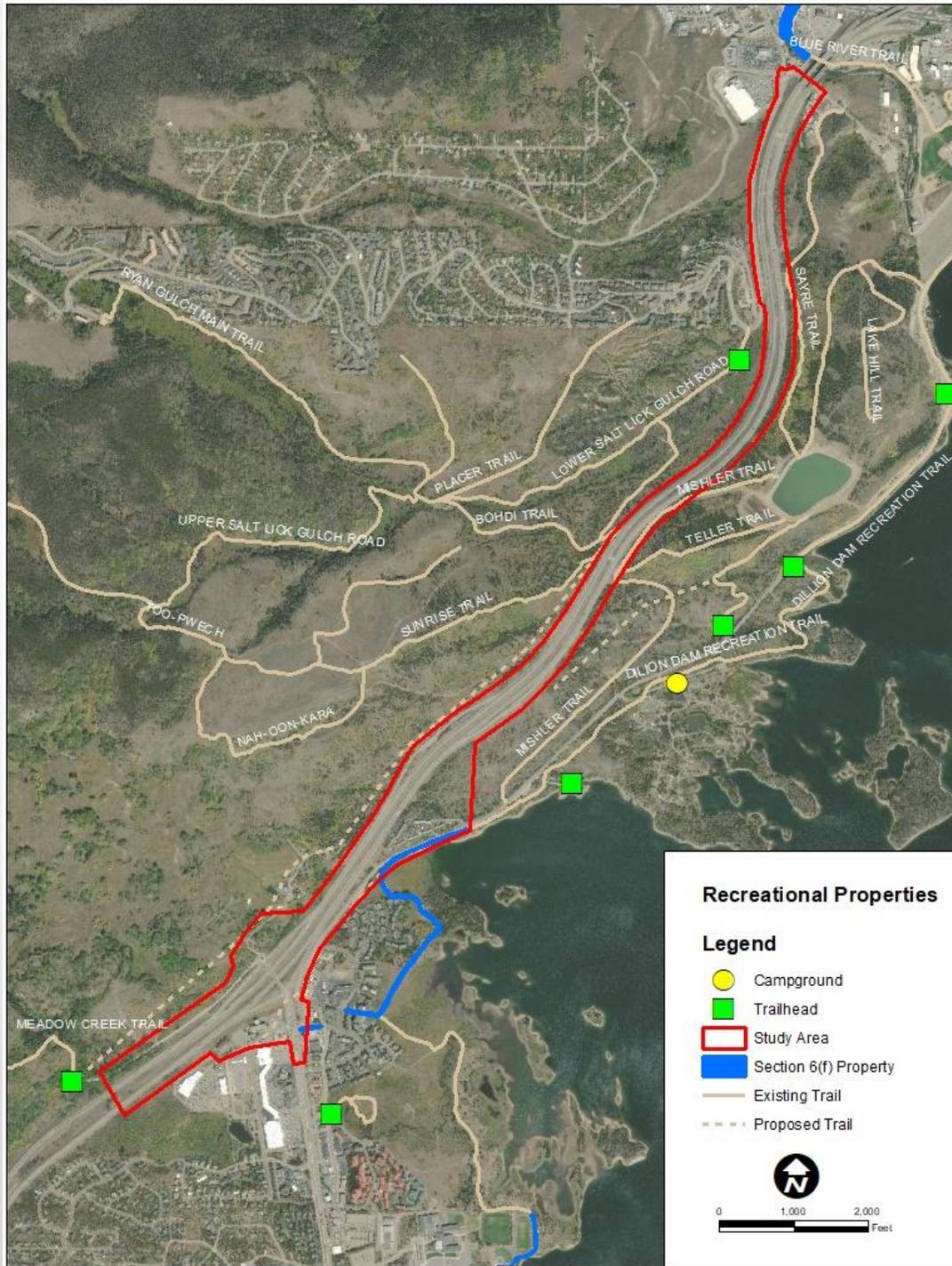
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- Historic Resources



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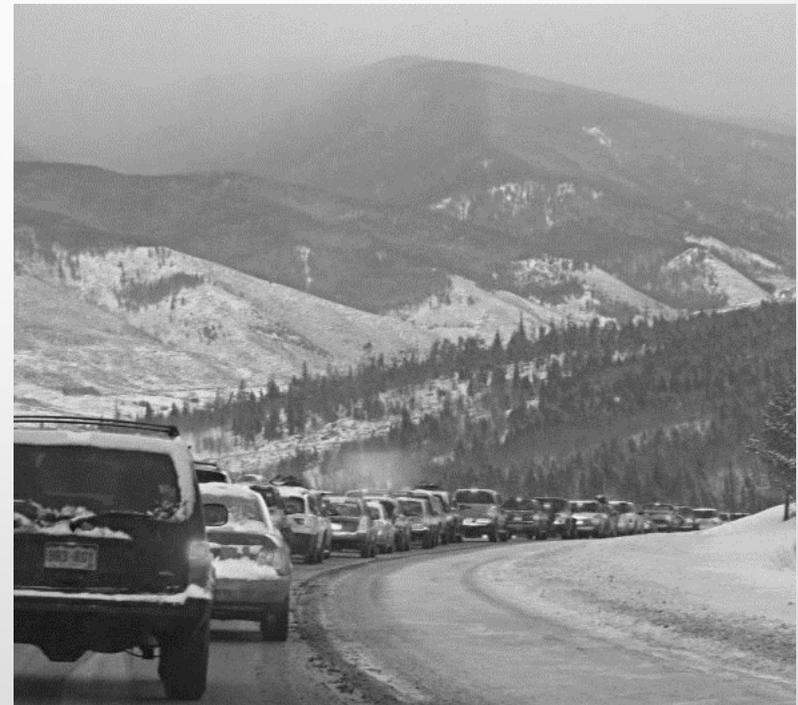
- Recreational Resources



Work To Date

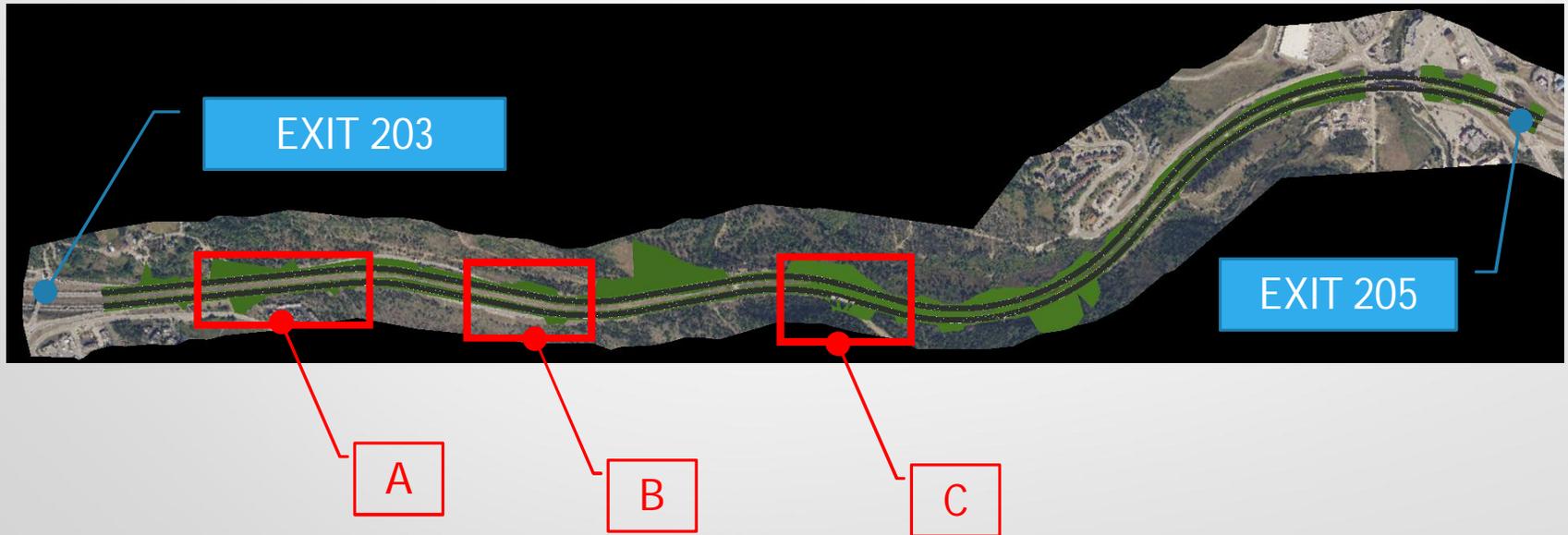
ROADWAY

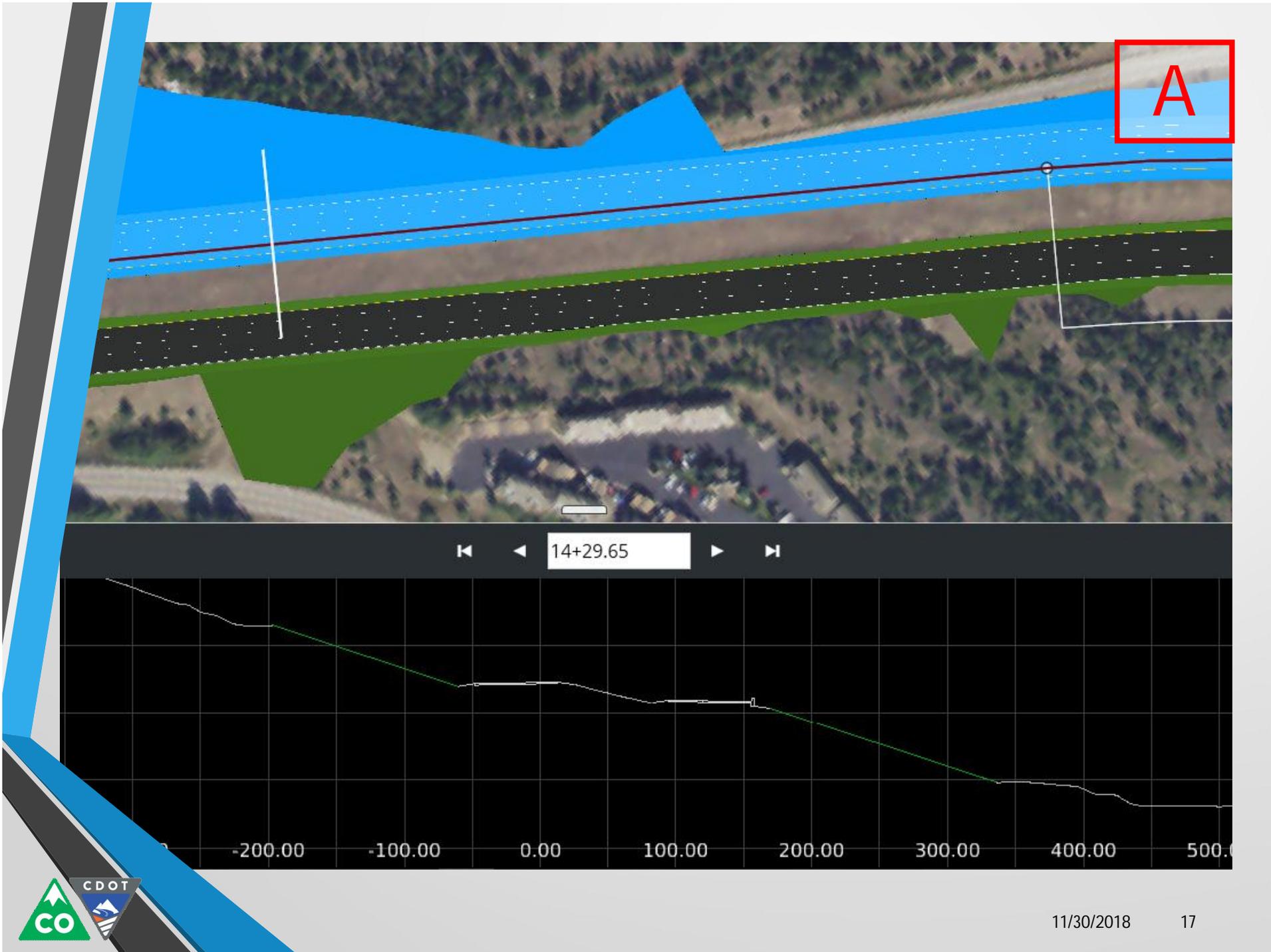
- Concepts
 - EB Aux Lane
 - Chain Up
- Discussion
 - Interchange
 - Intersection

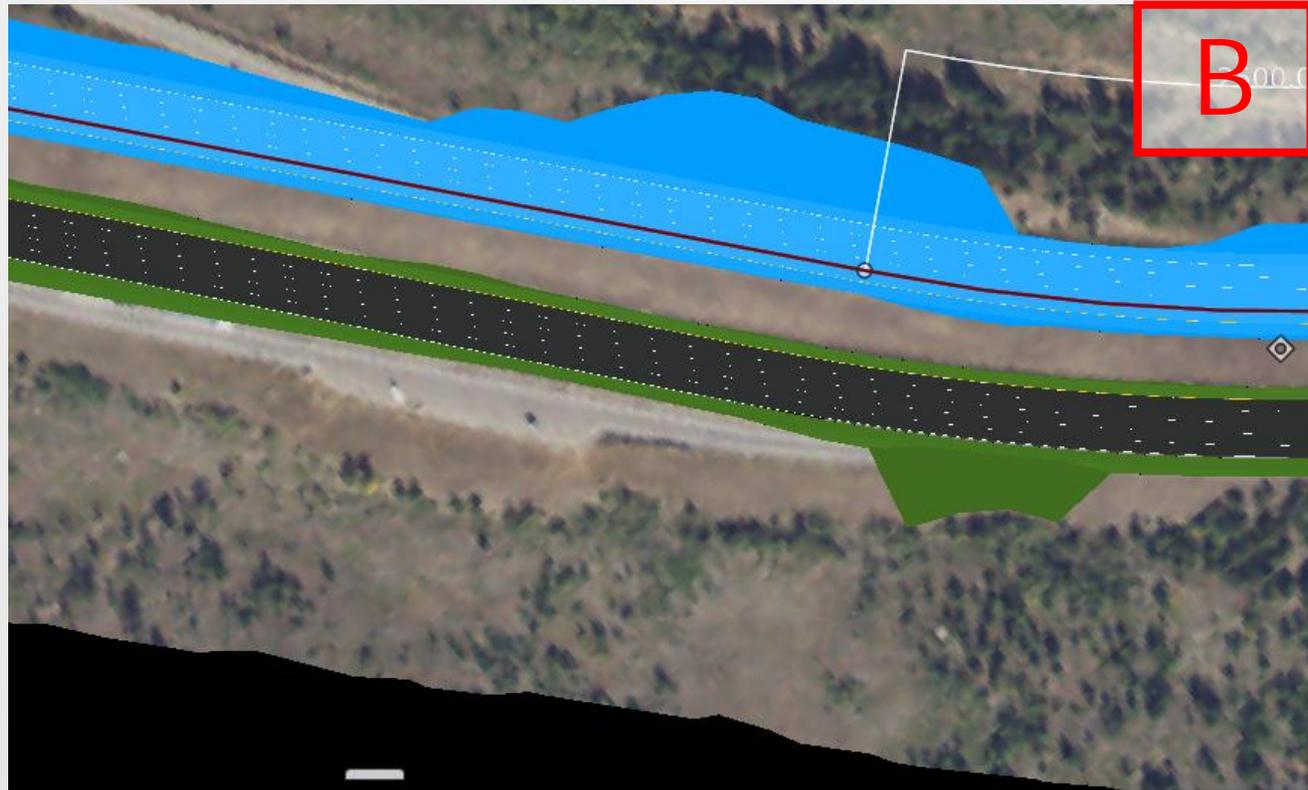


EB Auxiliary Lane

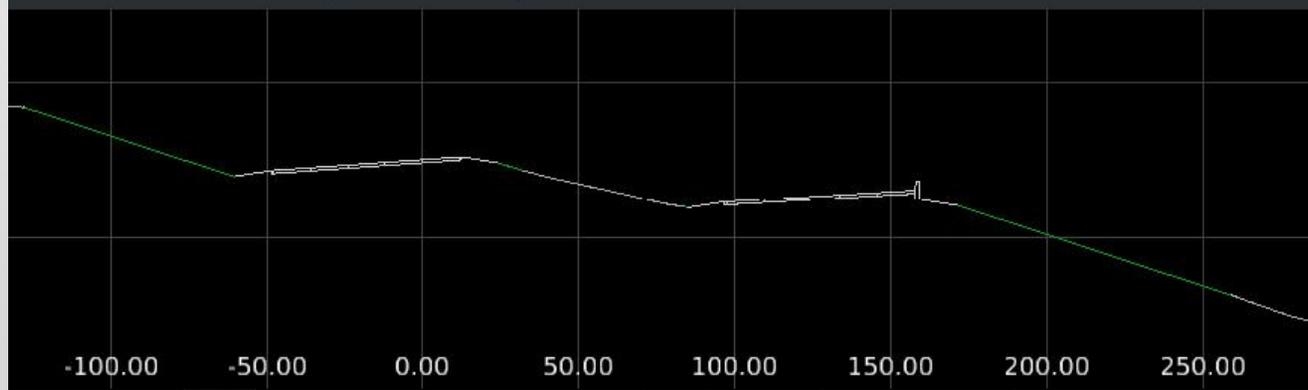
OVERALL CONCEPT



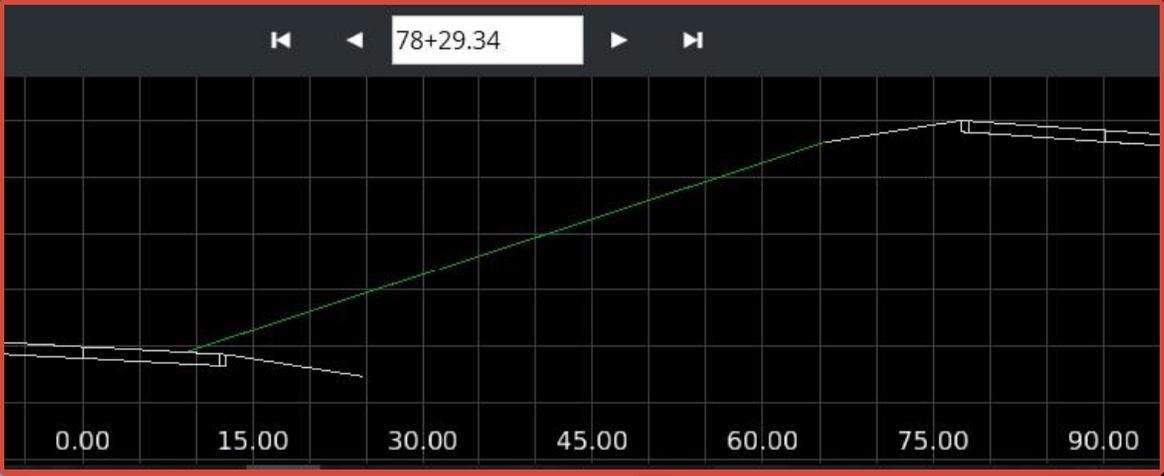
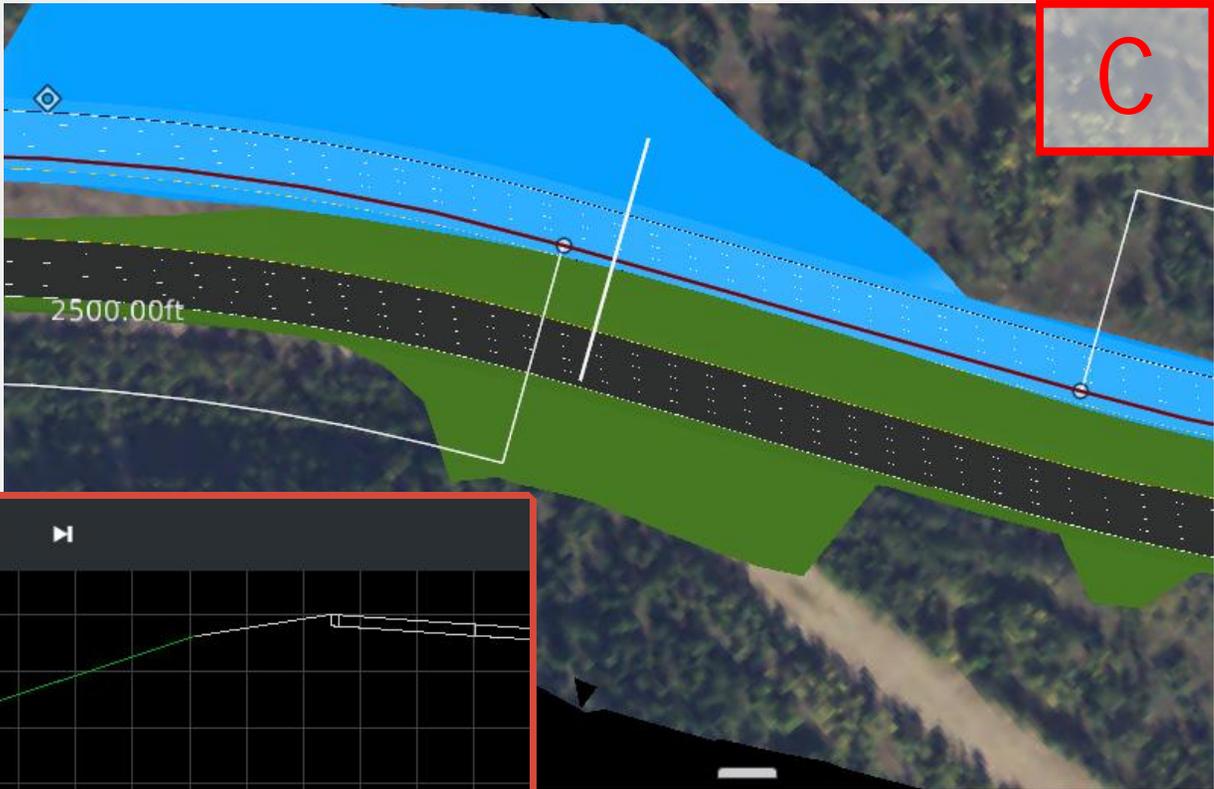




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Chain Up Area

OPTION 1



Chain Up Area

OPTION 2



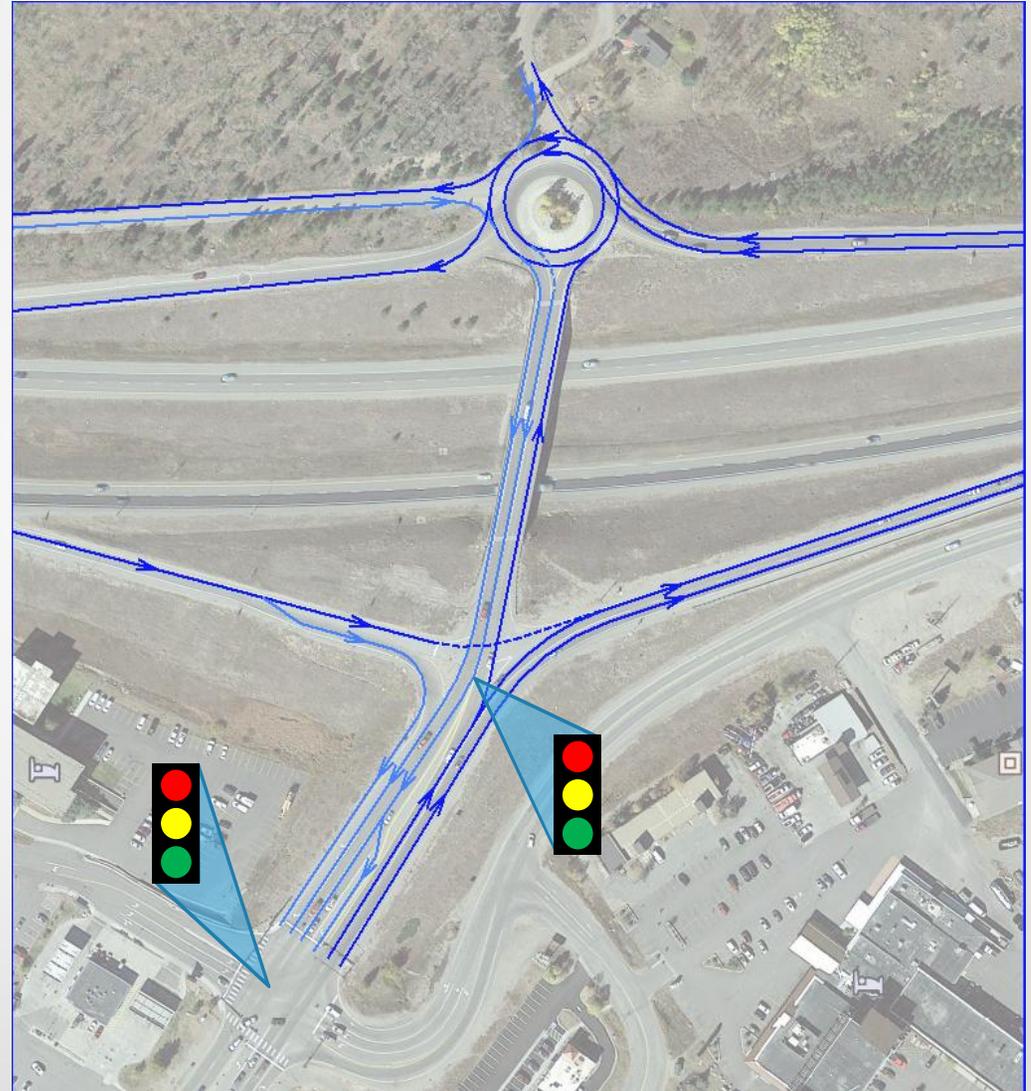
Chain Up Area

OPTION 3



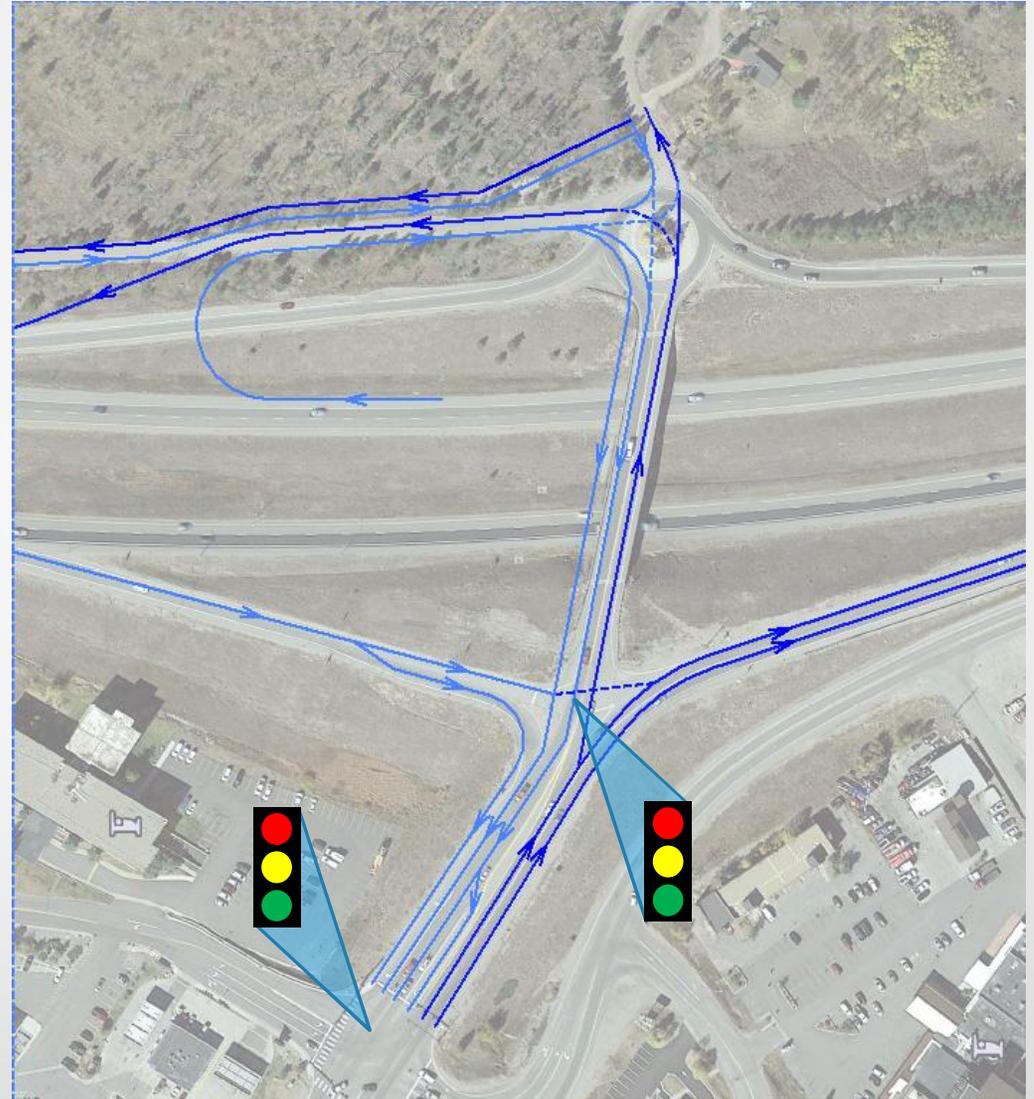
Interchange Concepts

*DUAL LANE
ROUNABOUT
WITH SIGNAL*



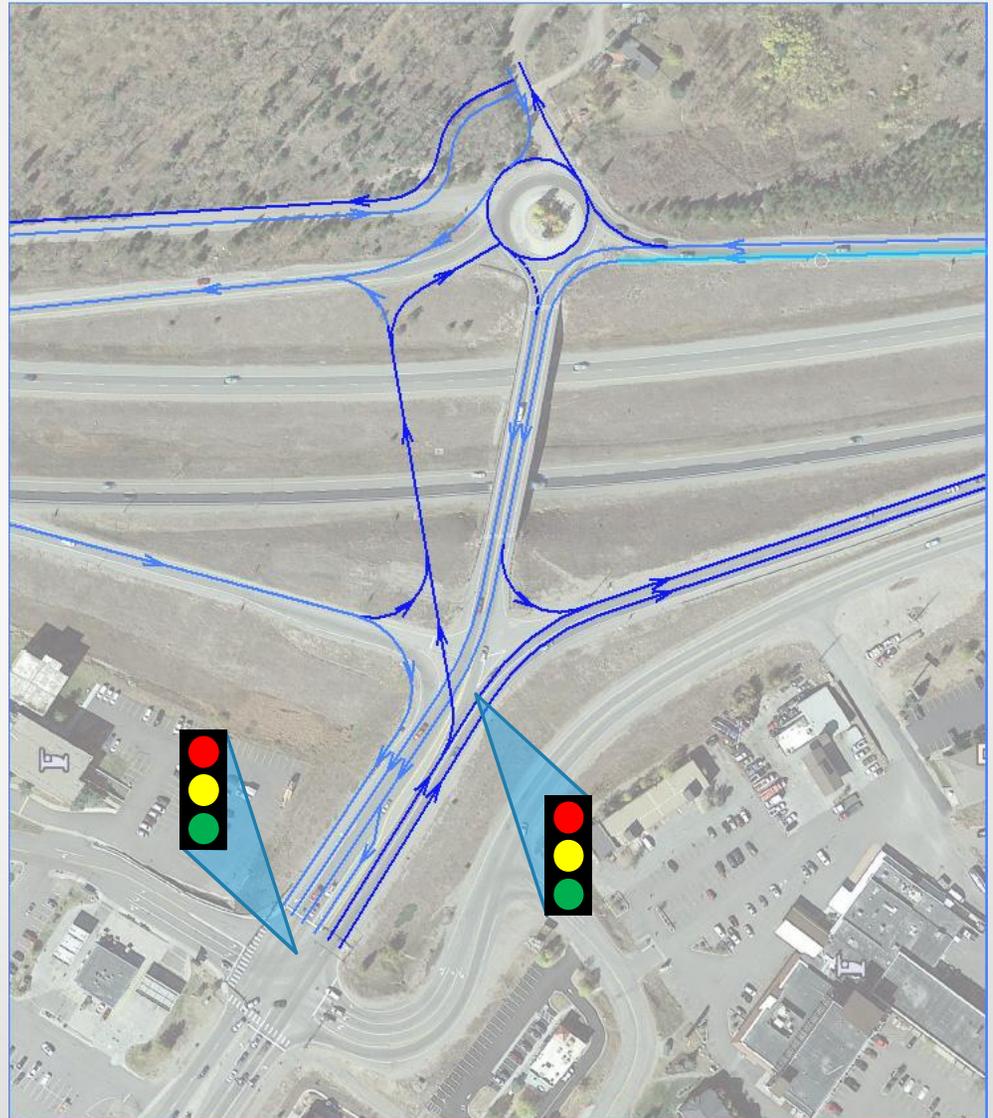
Interchange Concepts

*JUGHANDLE
WITH SIGNAL*



Interchange Concepts

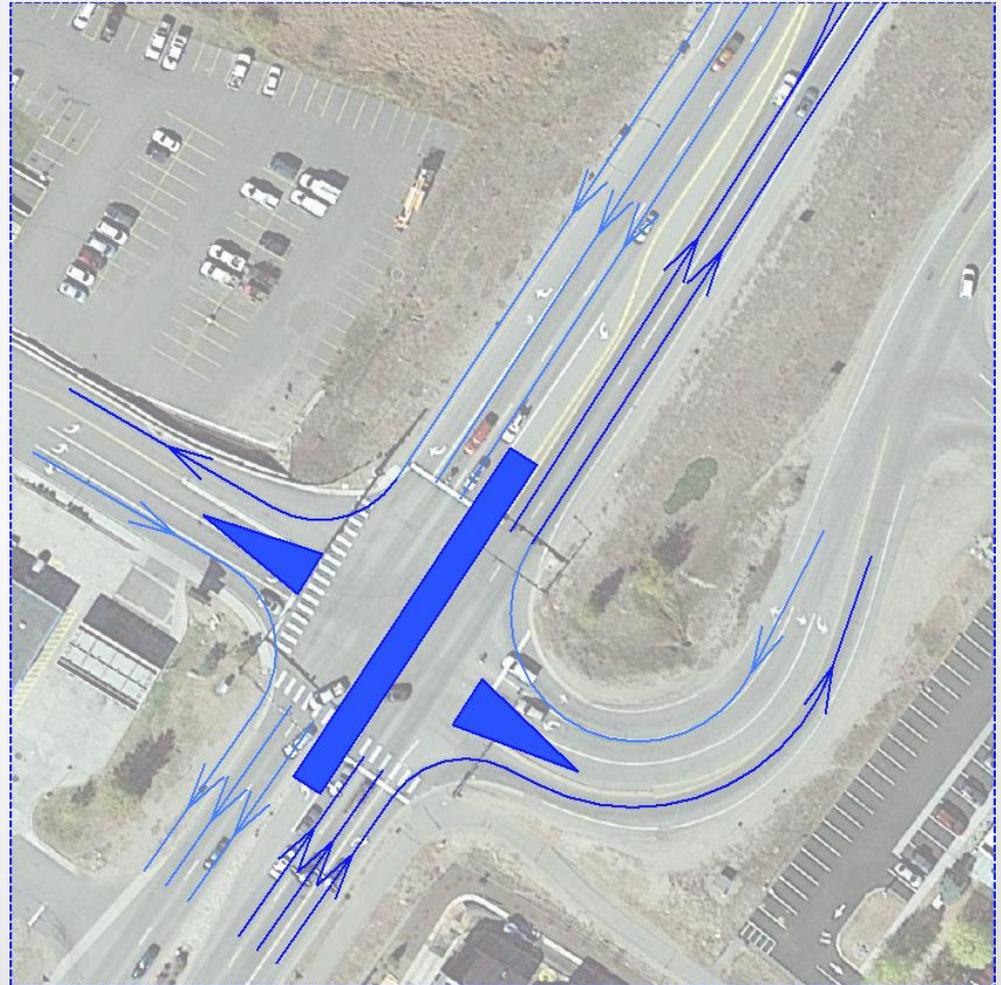
*MODIFIED
DIVERGING
DIAMOND
INTERCHANGE*



Intersection Options

DILLON DAM ROAD

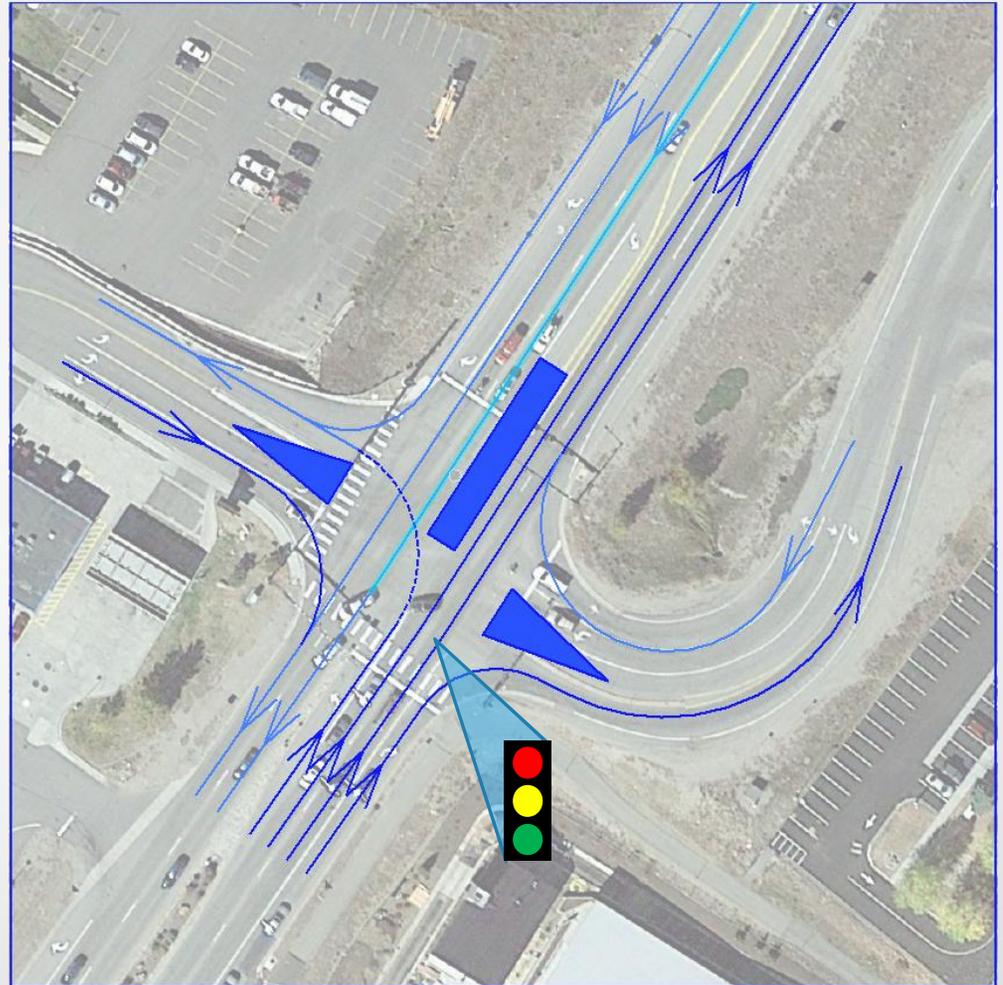
RIGHT-IN / RIGHT-OUT



Intersection Options

DILLON DAM ROAD

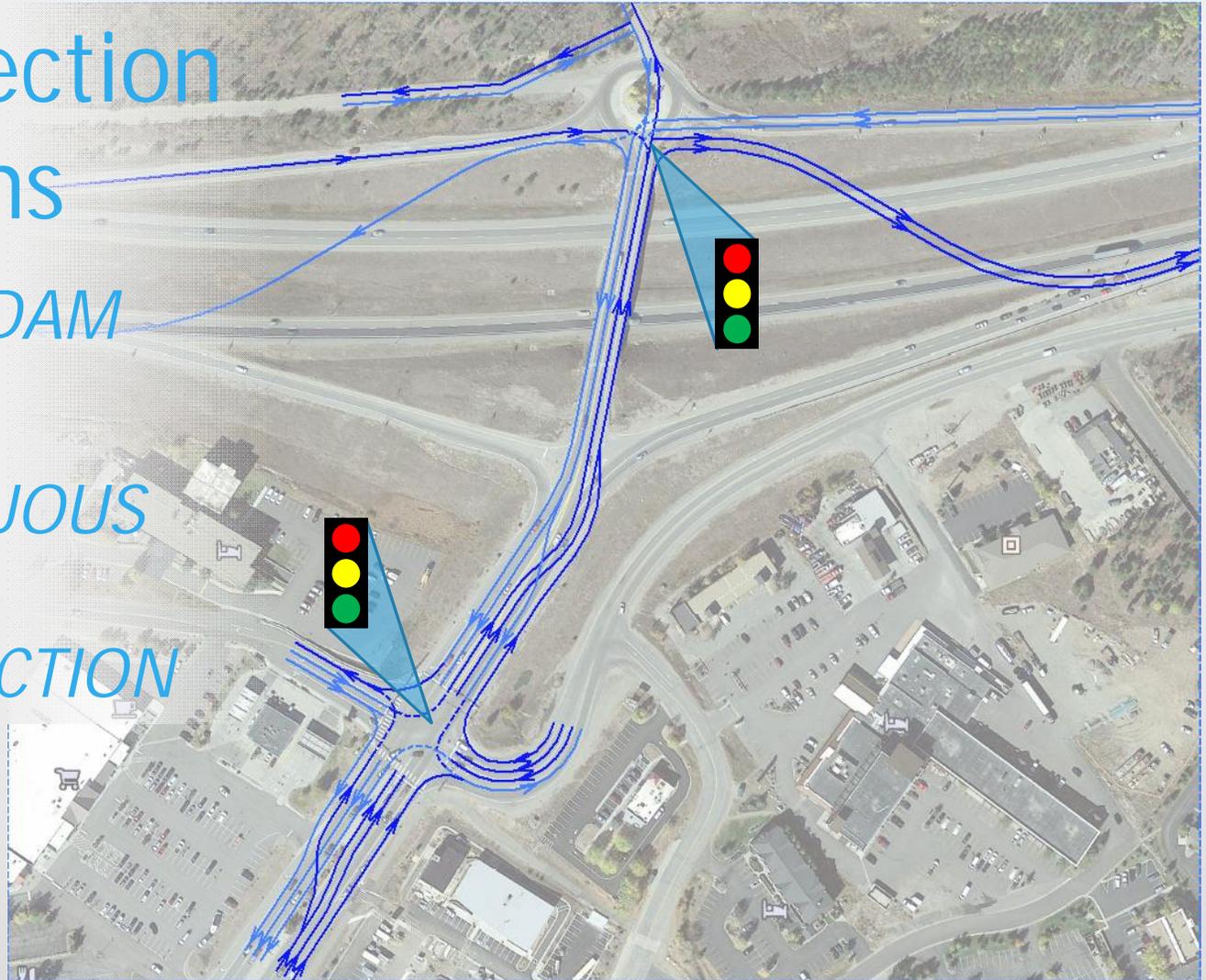
3/4 INTERSECTION



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

