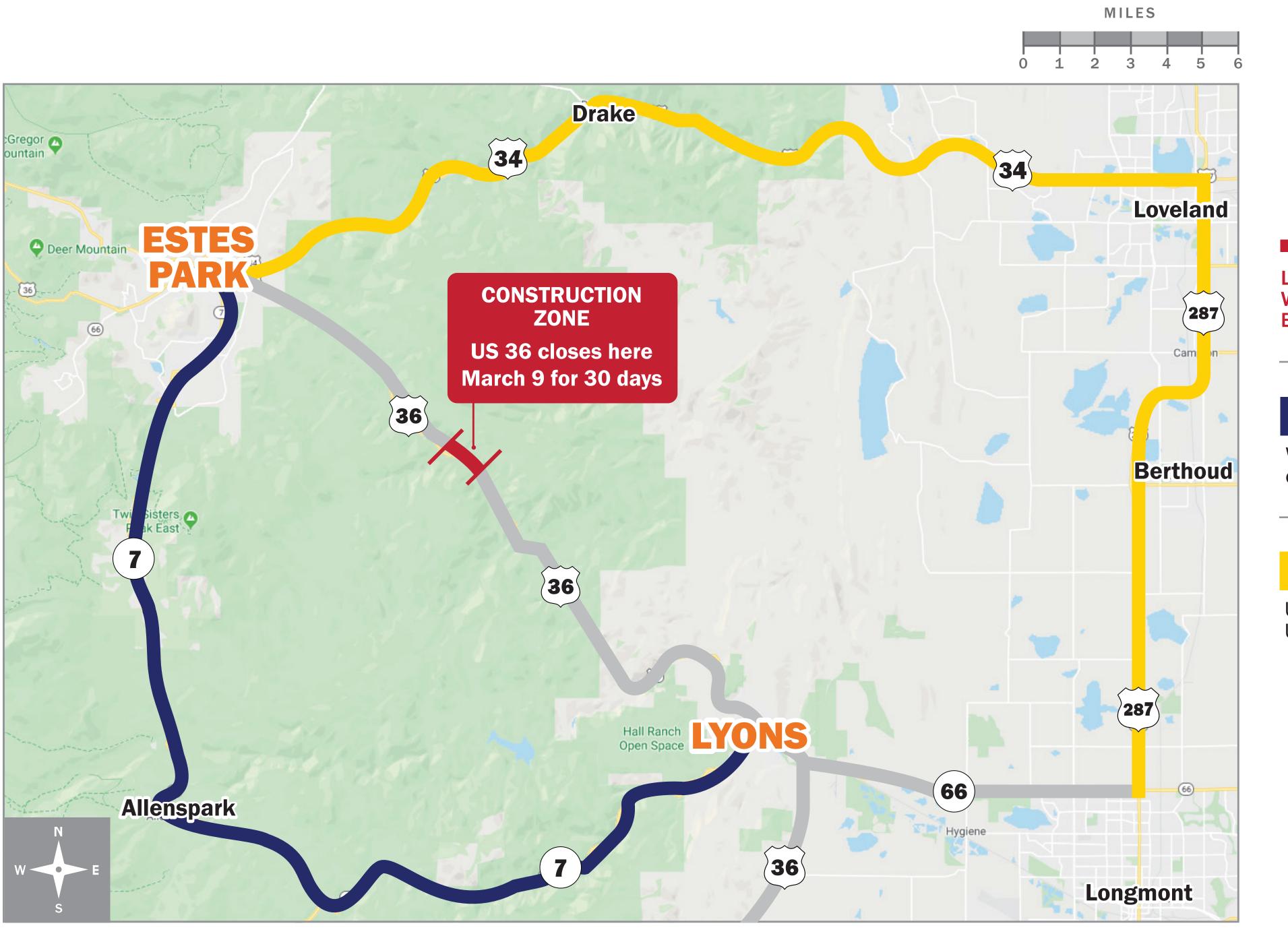
# Project Location/Detour Map



**HWY 7 DETOUR DELAY TIME = 22 ADDITIONAL MINS** 

### **HWY 34 DETOUR DELAY TIME = 25 ADDITIONAL MINS**

**LOCATION OF CLOSURE** WHEN IT GOES INTO **EFFECT IN MARCH 2020** 

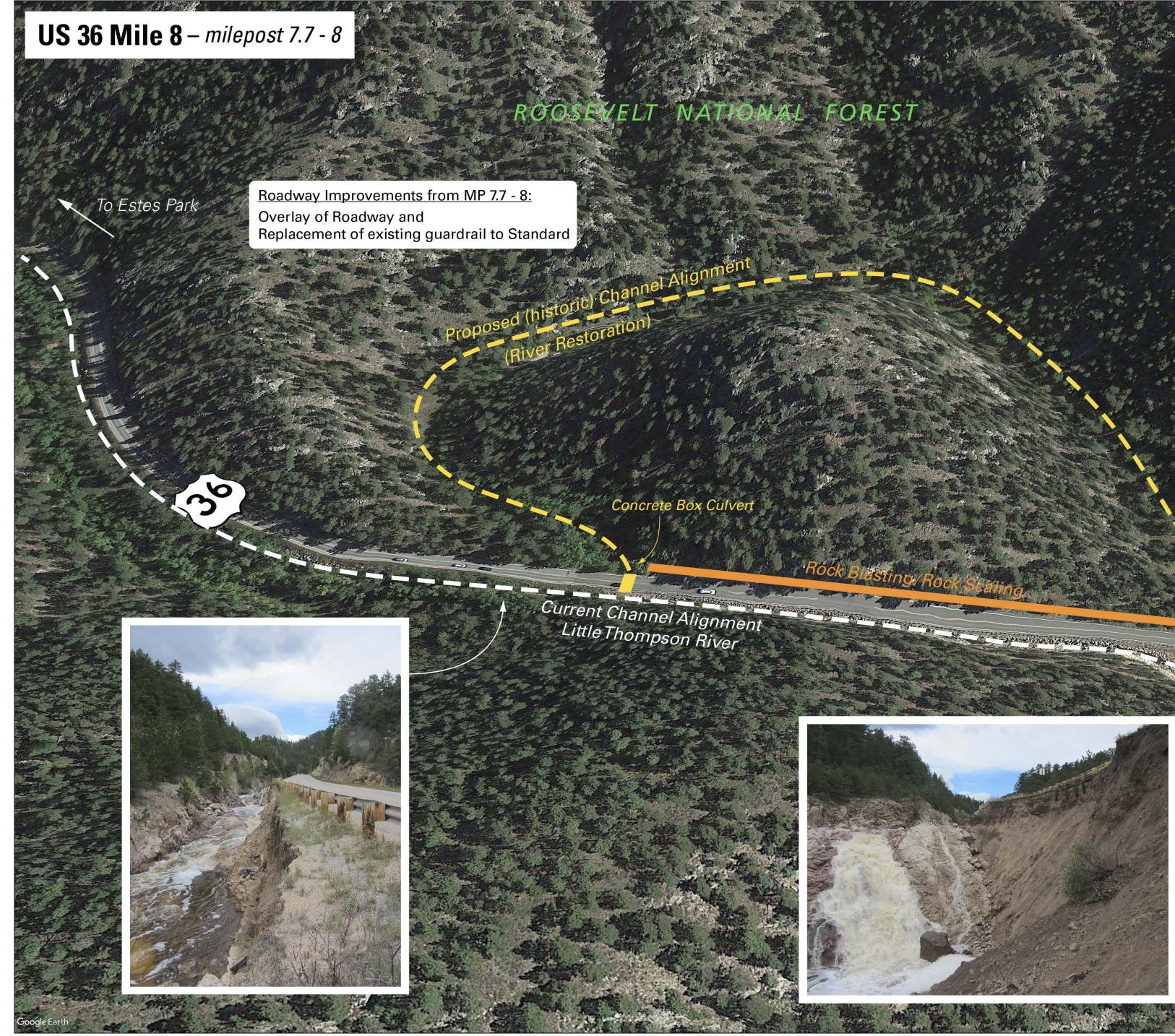
### **DETOUR OPTION 1**

West and north from Lyons on SH 7 into Estes Park

### **DETOUR OPTION 2**

US 287 north to US 34 and US 34 west into Estes Park





# River Realignment -

## **PROJECT OBJECTIVES**

- Complete permanent Repairs in order to fulfill the emergency repair obligation of providing the most resilient repair for this severely damaged section of US 36.
- Prevent future washouts at MP 8.0 so US 36 can safely and efficiently move people, goods, and information.











# Project Schedule

Jan. 2020	Feb. 2020	Mar. 2020	Apr. 2020	May 2020	Jun. 2020	Jul. 2020	Aug. 2020	Sept. 2020	Oct. 2020	Nov. 2020	Dec. 2020 Ja
30-day Full Closu & Minimal Single Lane Closures	es Begin	Whiske			EP School Dist	t. Summer Break Independence	Rocky Mtn.	Longs Peak Scottish		Thar	
	Construction	Whiskey Warmup	Bigfoot Days	Memorial Day		Pependence Day	tn. Folk Fest	Scottish Festiva or Day	Elk Fest	nksgiving ran's Day	v Year's Day Dist. Winter Brea
24-hr 7 days/w Single-Lane Clo					EP School Dist.	Summer Break		<u> </u>			

#### **LEGEND:**

**30-Day Full Road Closure of US36** (detours on SH7 & US34) Alternating Traffic 24-hrs, 7 days/week (single-lane closure, no shoulders)

Alternating Traffic 12-hrs, 6 days/week (single-lane closures)

Intermittent Traffic Interruptions (flagging as-needed)

#### **COMMUNITY EVENT DATES:**

Feb. 18.2020 - Begin Construction Mar.7, 2020 - Whiskey Warmup (Estes Park) Mar. 9, 2020 - Begin 30-day full road closure Mar. 21-30 - EP School District Spring Break Apr. 7, 2020 - Target end of 30-day full road closure Apr. 11 - Bigfoot Days (Estes Park) May 22-Aug. 24, 2020 - EP School Dist. Summer Break May 25, 2020 - Memorial Day Holiday July 3, 2020 - Independence Day (observed) Holiday July 24-26, 2020 -- RockyGrass (Lyons) Aug. 7-9, 2020 - Rocky Mtn. Folk Fest (Lyons) Sept. 7, 2020 - Labor Day Holiday Sept 11-13, 2020 - Longs Peak Scottish Festival (EP) Oct. 3-4, 2020 - Elk Fest (EP) Nov. 11, 2020 - Veteran's Day Holiday Nov. 26, 2020 -- Thanksgiving Holiday Dec/Jan., 2020/21 (TBD) - EP School District Winter Break Dec. 24-25, 2020 - Christmas Holiday Jan. 1, 2021 - New Year's Day Holiday

### **Approx. Phase II Construction**

### **CDOT PROJECT OBJECTIVES:**

1. Complete the permanent repair phase of 2013 Flood emergency repairs.

2. Improve safety and reduce future US 36 closures associated with repetitive flooding to efficiently move people, goods and information.

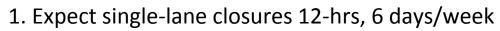
3. Improve multi-modal safety by removing a blind corner at Mile Post 8 with rock blasting and increasing the size of the roadway shoulder.

4. Return the Little Thompson River to its natural channel alignment by installing culverts under US 36. 5. Add resiliency by allowing additional hydraulic capacity for storm flows and prevent future damage to the corridor serving Rocky Mountain National Park, Estes Park, and surrounding areas.

6. Install fiber optic cable infrastructure to prepare for the installation of safety cameras and cell phone service along US 36.

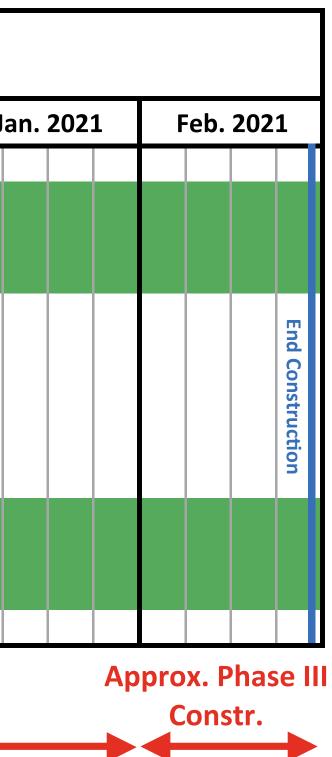
#### **OTHER KEY NOTES:**

- 1. US36 will be closed for major construction
- 2. Detours are SH7 & US34
- 3. Commute privileges for 5-mile radius neighborhoods only
- 4. Commute windows; 7:00am-8:00am & 4:30pm-5:30pm
- 5. To/From school busses allowed anytime during closure
- 6. EMS, Fire & Police allowed anytime during closure
- 1. Expect single-lane closures 24-hrs, 7 days/week
- 2. Emergency services continuously interrupted
- 3. Fiber optic cable installation continues along corridor



- 2. Emergency services more quickly accommodated
- 3. Fiber optic cable installation continues along corridor
- 1. All lanes generally open during daylight hours
- 2. Some travel delays are possible for safe construction;
- flaggers will be on-site intermittently
- 3. Fiber optic cable installation continues along corridor

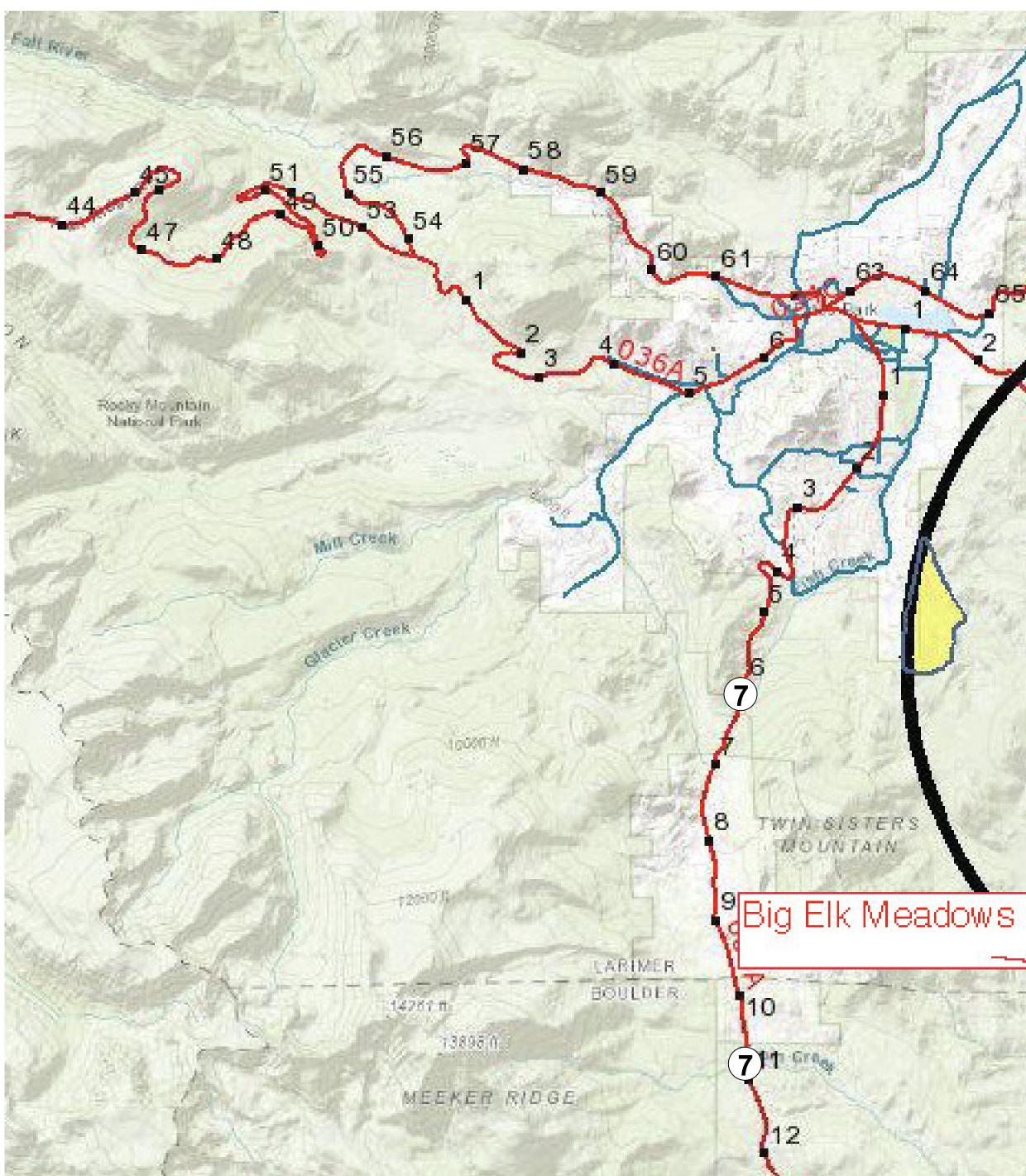




# Commuter Permit Radius

34.57

\_68





7.2

5 MILE RADIUS

Pole Hill/Meadowdale Hil

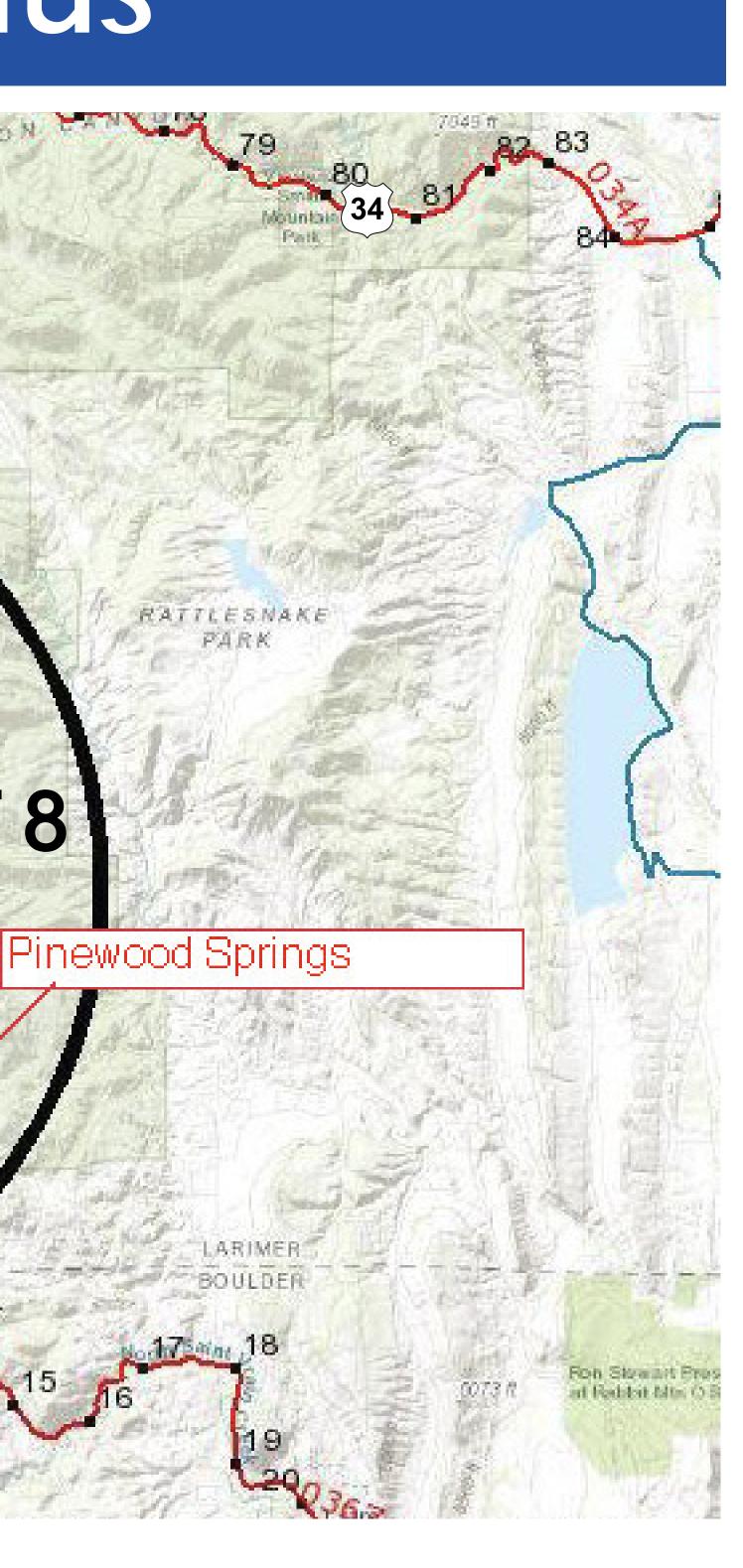
BIG

ELK PARK



LARIMER

BOULDER



## Phase I (Approximate) (Winter 2020 through Summer 2020)

- Rock Excavation (Blasting)
- Installation of Precast Box Culvert
- Construction of Temporary Detour Pavement after **Box Culvert Installation**
- Construction of Wingwalls for Concrete Box Culvert
- Installation of new Guardrail
- Complete Mill and Overlay of existing pavement
- Install Permanent Striping and signage.

# Project Phases

## Phase II (Approximate) (Winter 2020 through Spring 2021)

- Installation of 14' Diameter Tunnel
- Rehabilitation of River Channel
- Installation of Wingwalls for Tunnel

# Phase III (Approximate) (Spring 2021 through Spring 2021)

- Re-alignment of river through new culverts
- Complete construction of Wingwalls on Concrete Box Culvert
- Install Final Seeding



