

# **WELCOME**

**To The**

# **I-70 Vail Chain Station Improvement Project**

## **PUBLIC OPEN HOUSE**

### **Please sign in**

**Presented by:**



**COLORADO**  
Department of  
Transportation



# PROJECT GOALS

## *I-70 Vail Chain Station Improvement Project*

*The project team identified the following goals for the project. These goals have been considered in preliminary design decisions for the project.*

- **Increase capacity for chain-up activities.**
- **Improve safety for thru traffic and chain-up activities.**
- **Maintain compatibility with previous planning efforts, including I-70 Mountain Corridor CSS.**
- **Design elements that can be constructed and maintained easily.**
- **Minimize impacts to the adjacent community.**

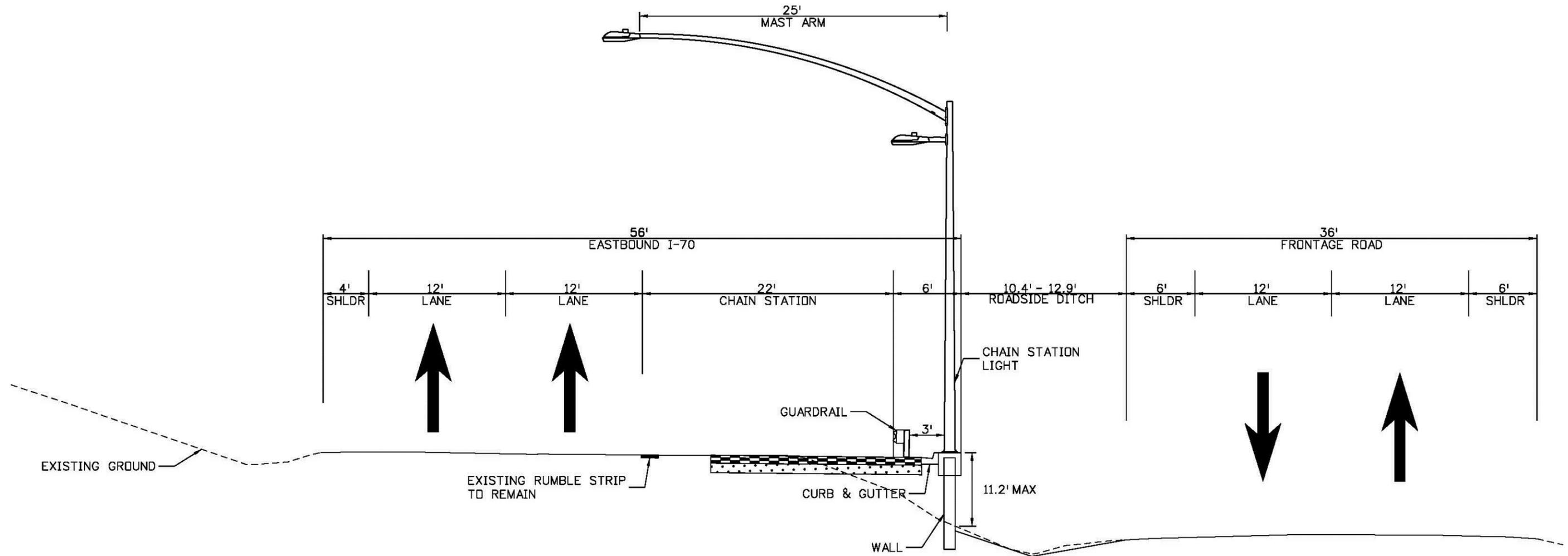


COLORADO  
Department of  
Transportation

Stolfus

# TYPICAL SECTION

## I-70 Vail Chain Station Improvement Project



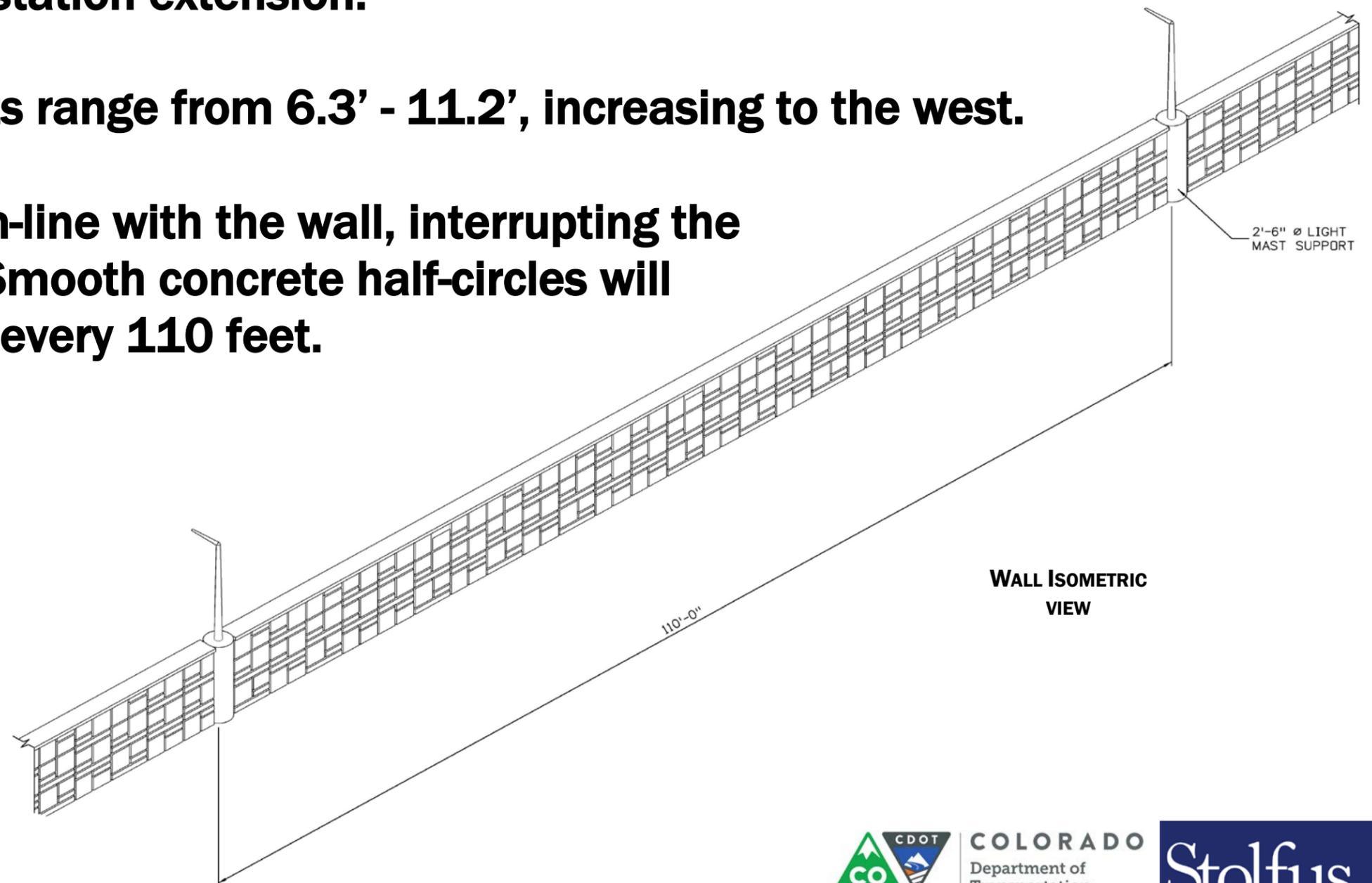
COLORADO  
Department of  
Transportation



# RETAINING WALL

## *I-70 Vail Chain Station Improvement Project*

- Due to space constraints between I-70 and the Frontage Road, a wall is required along the entire chain station extension.
- Preliminary wall heights range from 6.3' - 11.2', increasing to the west.
- Lights will be located in-line with the wall, interrupting the long face of the wall. Smooth concrete half-circles will protrude from the wall every 110 feet.



COLORADO  
Department of  
Transportation

Stolfus

# WALL TREATMENTS

## *I-70 Vail Chain Station Improvement Project*

I-70 CSS Aesthetic Guidance recommends the following:

- Structures with consistent texture and pattern
- Simple vertical textures and patterns
- Color palette that blends into the background of the natural and built environment

The following wall treatment options are under consideration. Budgetary constraints may affect the final selection.

Option A



\$ Precast Block Wall

Option B



\$\$ Fractured Fin Formliner  
(From I-70 CSS  
Aesthetic Guidance)

Option C



\$\$ Stone Face Formliner

Option D



\$\$\$ Stone Veneer

**Note: Color palette for each of these options is expected to be a combination of browns, golds, and/or greys.**

**\$ Indicates comparative cost of wall treatment options.**



COLORADO  
Department of  
Transportation



# CHAIN STATION LIGHTING

## I-70 Vail Chain Station Improvement Project

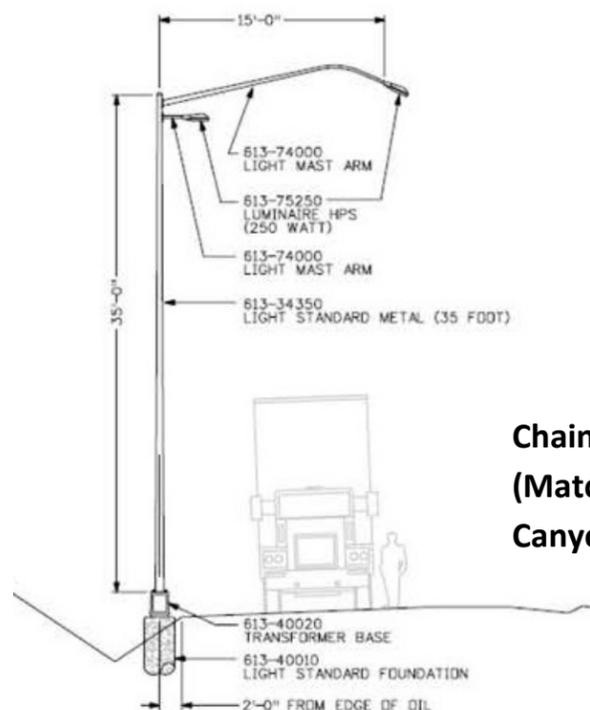
### Existing Chain Station Lighting

- Tilted luminaire lights top of truck, rather than side of truck.
- Light is not adequate for conducting or detecting chain-up activities.
- Outbound luminaire tilts back toward neighborhoods creating annoying light trespass.

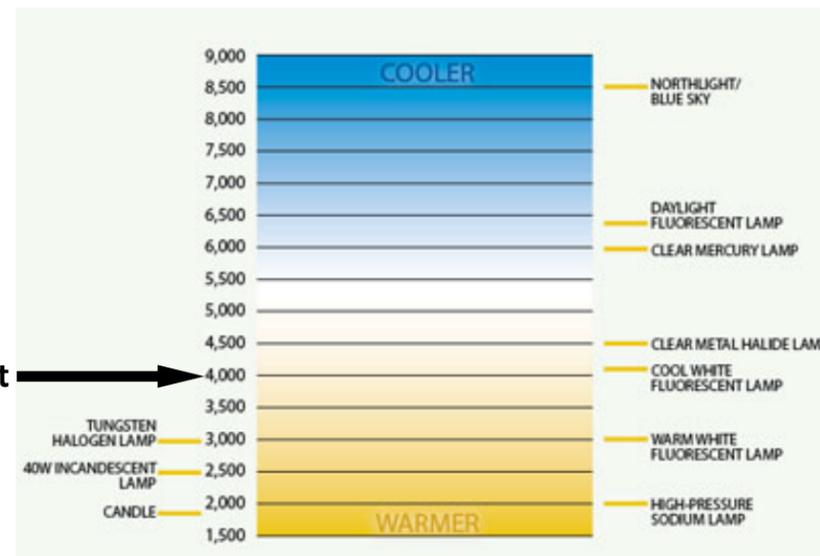
### Proposed Chain Station Lighting

- Longer mast arm provides vertical illumination on both sides of truck
  - Aids truckers with chain-up activities
  - Aids motorists in detecting activity in bad weather
- LED technology minimizes light trespass onto adjacent neighborhoods
  - Low glare (soft-warm light)
  - Fully shielded luminaires point towards ground

Existing Chain Station Light

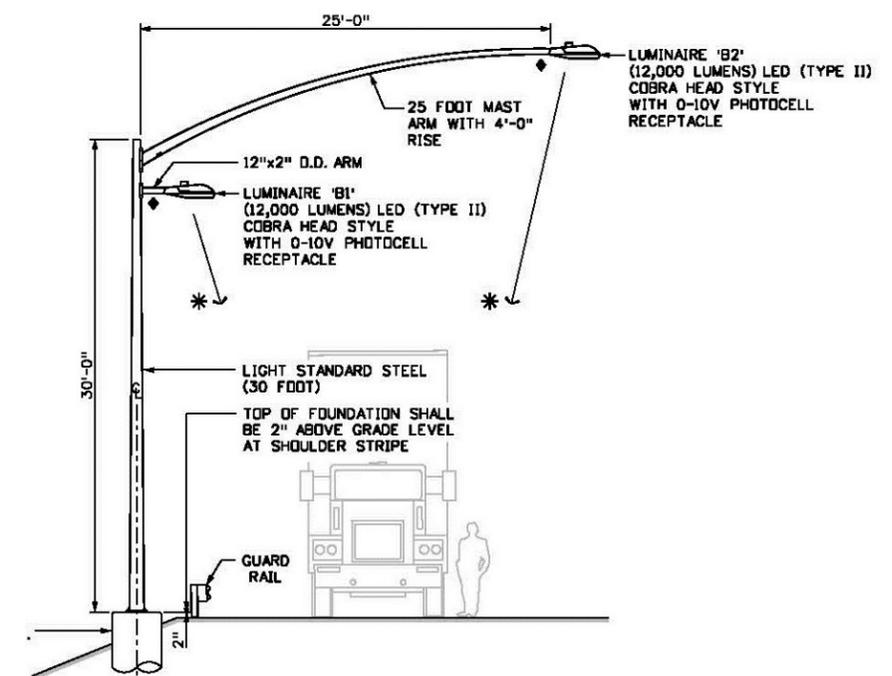


Chain Station Light (Matches Dowd Canyon)



Light Color Temperature Chart

Proposed Chain Station Light



# CHAIN STATION LIGHTING

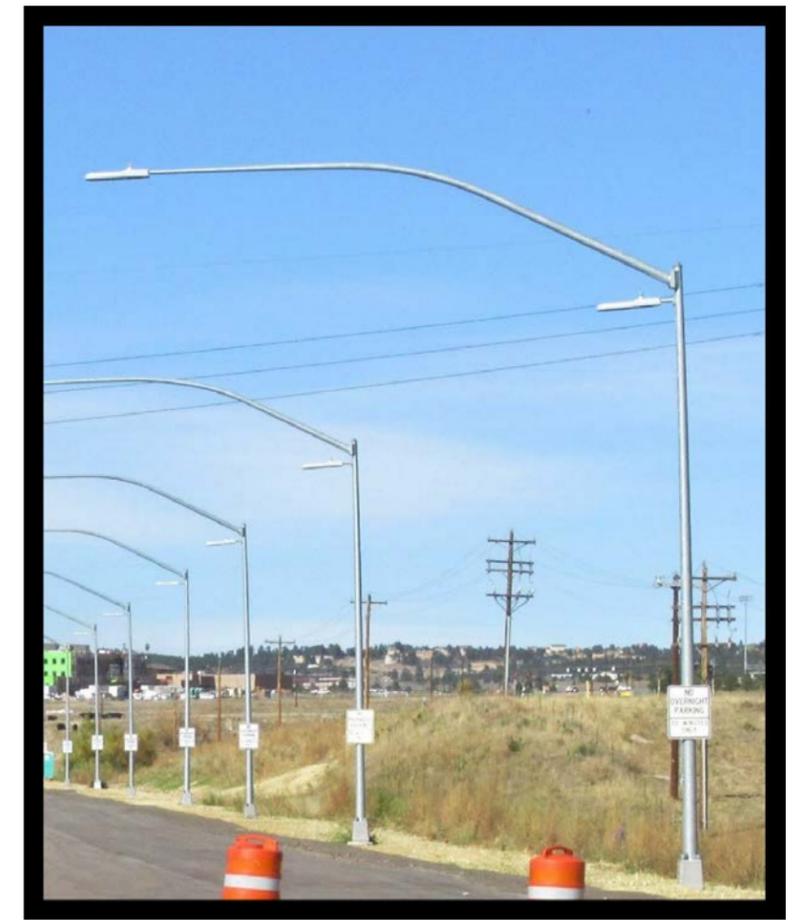
## *I-70 Vail Chain Station Improvement Project*



**Existing Vail Chain Station Light**



**Chain Station Light through I-70 Corridor**



**Current LED Chain Station Light to be Installed on this Project**

**Color of pole will match I-70 CSS Aesthetic Guidance. Pole to be painted brown similar to light poles throughout the I-70 corridor.**

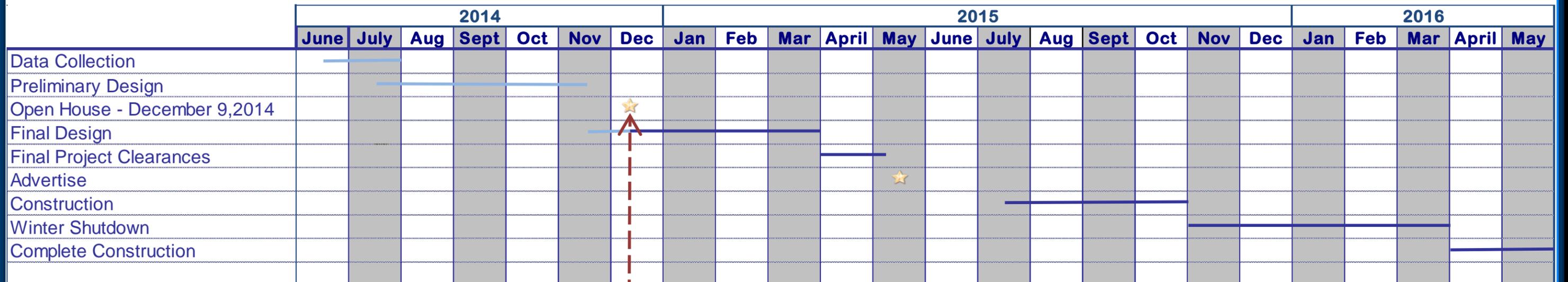


**COLORADO**  
Department of  
Transportation



# PROJECT SCHEDULE

## I-70 Vail Chain Station Improvement Project



We are here

**LEGEND:**

- ★ Major Milestones
- Project Activity
- Project Activity - Complete



COLORADO  
Department of  
Transportation

