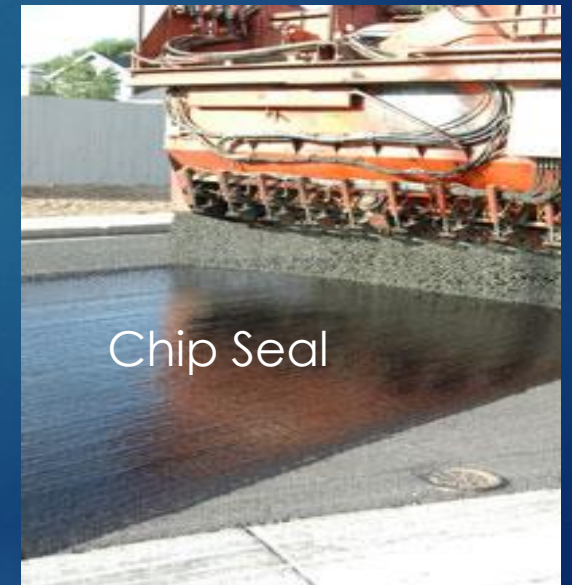


# Traffic Planning & Mitigation 2020





The Town of Erie uses various approaches to extend the service life of a road.  
In addition to pothole filling and patching:

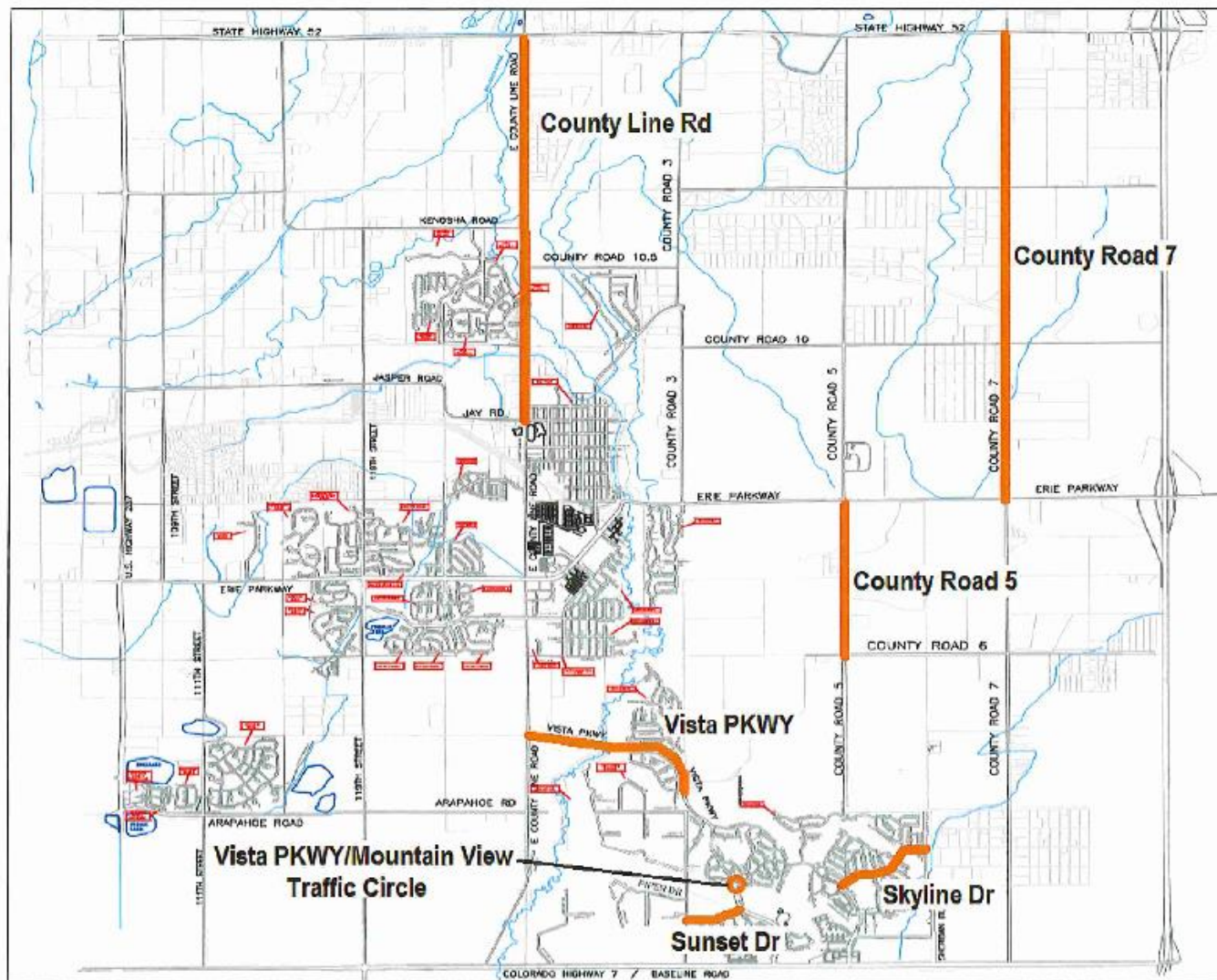


# Cost per mile for Maintenance

<u>Treatment / Description</u>		<u>*Per SY</u>		<u>*Per Mile (32' Width)</u>
1/4 Chip Seal	\$	8.53	\$	160,133.69
Hot Chip	\$	13.42	\$	251,933.66
Mill & Overlay	\$	28.52	\$	535,405.96
Mill , Level Coarse & Overlay	\$	42.77	\$	802,921.21
Reconstruct (w/ Curb Work)	\$	85.52	\$	1,605,466.96

\*Costs include Mobilization, Traffic Control, Patching, Cracksealant, Treatment, Street Striping and Restoration.



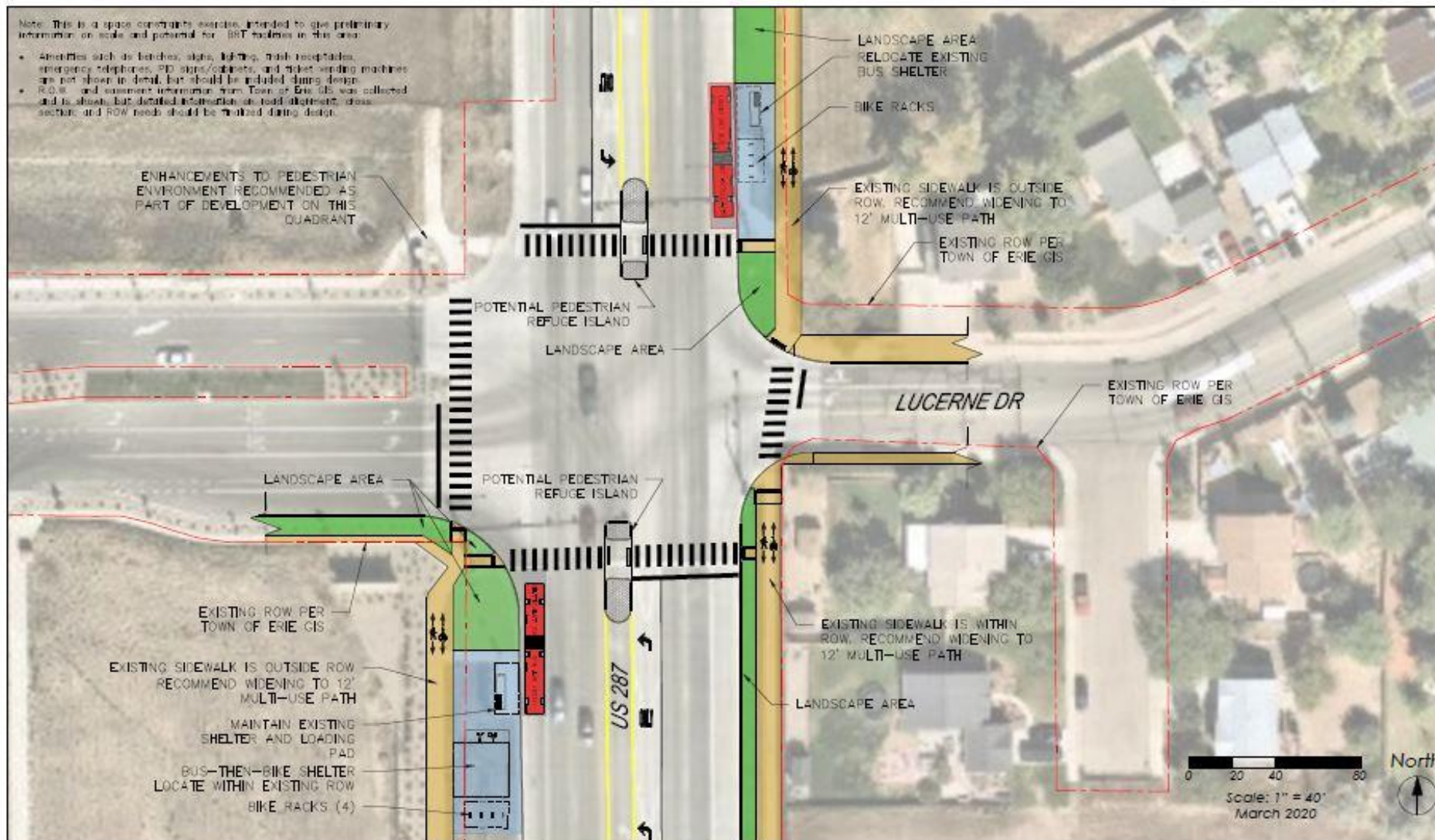


## 2020 Town of Erie Street Maintenance Project Street Location Map

- County Line Road - Jay Rd to State Hwy 52 / 13,139 LF
- Sunset Drive - Vista Pkwy to Bonanza Dr / 1,945 LF
- Skyline Drive - Sheridan Blvd to Mountain View Blvd / 3,328 LF
- Vista Parkway - Parkdale Cir to County Line Rd / 6,176 LF
- County Road 5 - County Road 6 to Erie Pkwy / 5,306 LF
- County Road 7 - Erie Pkwy to State Hwy 52 / 15,904 LF
- Traffic Circle - Vista Pkwy and Mountain View Blvd

**140 Center Lane Miles**





**US 287 Bus Rapid Transit - STATION CONCEPT**  
Alternative 1 - At-Grade Crossing at Lucerne Dr



**SH7 & Arapahoe BRT**



**Improve safety connection to trail network serving homes and neighborhoods to the north/northwest**

**Add left turn lane for intersection**

**Erie Elementary School**  
Student Population:  
• 19.2% Free & Reduced Lunch  
• 25.5% Minority  
• Bus Eligible if live more than 1.5 miles from school

**Add left turn lane for school drop-off/pick-up car line**

**Replace narrow asphalt path/curb with attached sidewalk**

**Private Preschool**  
Offers Before/After School Programming for Elementary Students (Kindergarten - 4th Grade)

**Evans St**

**Currey Line Rd**

**Jay Rd**

**Cheesman St**

**Moffat St**

**Balcom St**

**Lundy Dr**

**Tolson Ave**

**Transit Access at Erie Community Center**  
Existing Stop for RTD JUMP Bus Route & Potential Future Multimodality Hub

**Legend**

- Pedestrian Focus Area
- 1 Vulnerable Population Area
- 2 Vulnerable Population Areas

**FELSBURG HOLT & ULLEVIG**

**North Carolina Department of Transportation**



# CLR Safer Main Streets Grant App



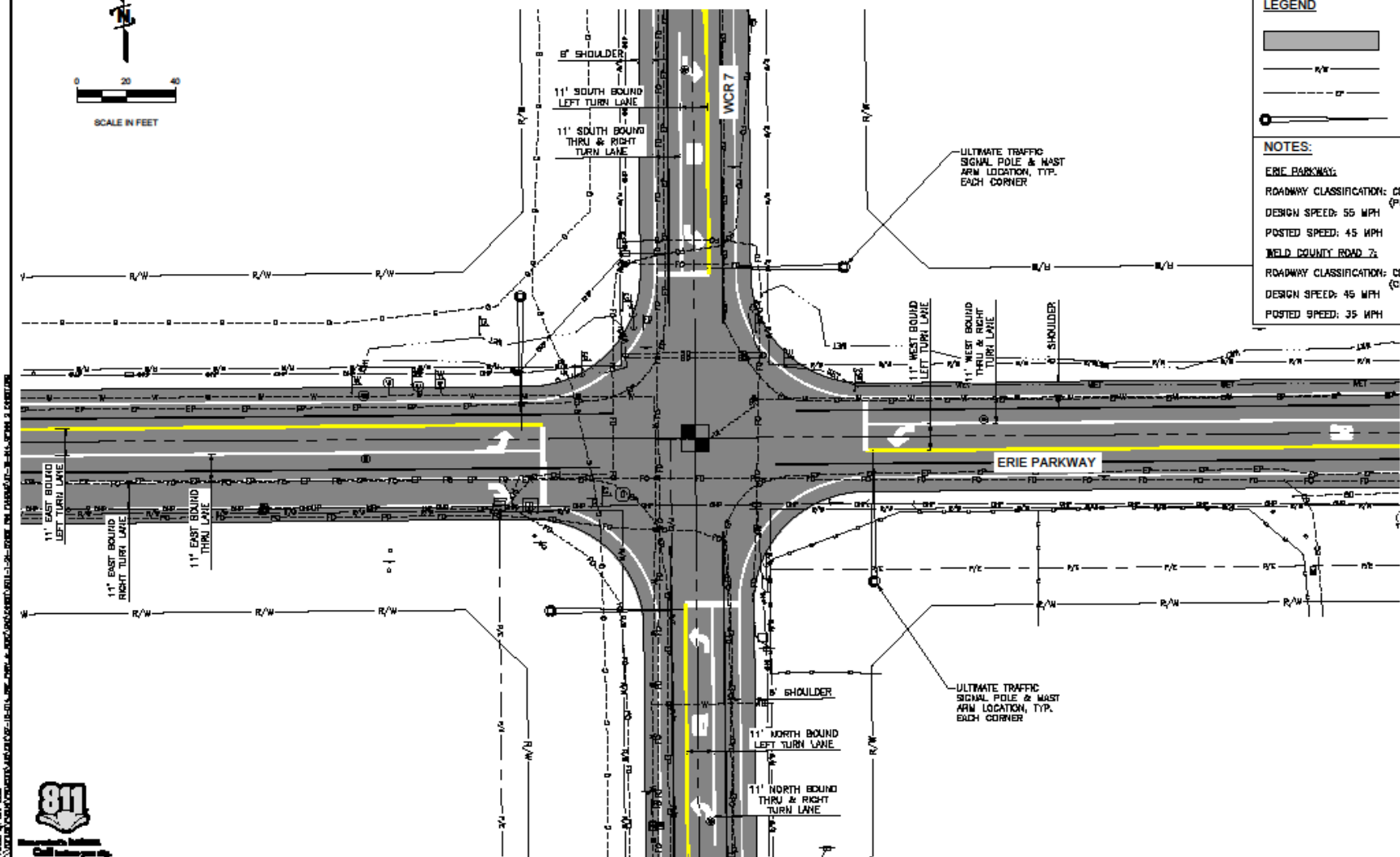
**LEGEND**

- PROPOSED PAVEMENT
- EXISTING RIGHT-OF-WAY
- EXISTING EDGE OF PAVEMENT
- PROPOSED SIGNAL POLE & MAST ARM

**NOTES:**

**ERIE PARKWAY:**  
 ROADWAY CLASSIFICATION: CDDT NR-A (PRINCIPAL ARTERIAL)  
 DESIGN SPEED: 55 MPH  
 POSTED SPEED: 45 MPH

**WELD COUNTY ROAD 7:**  
 ROADWAY CLASSIFICATION: CDDT NR-C (COLLECTOR)  
 DESIGN SPEED: 45 MPH  
 POSTED SPEED: 35 MPH



811  
Call before you dig

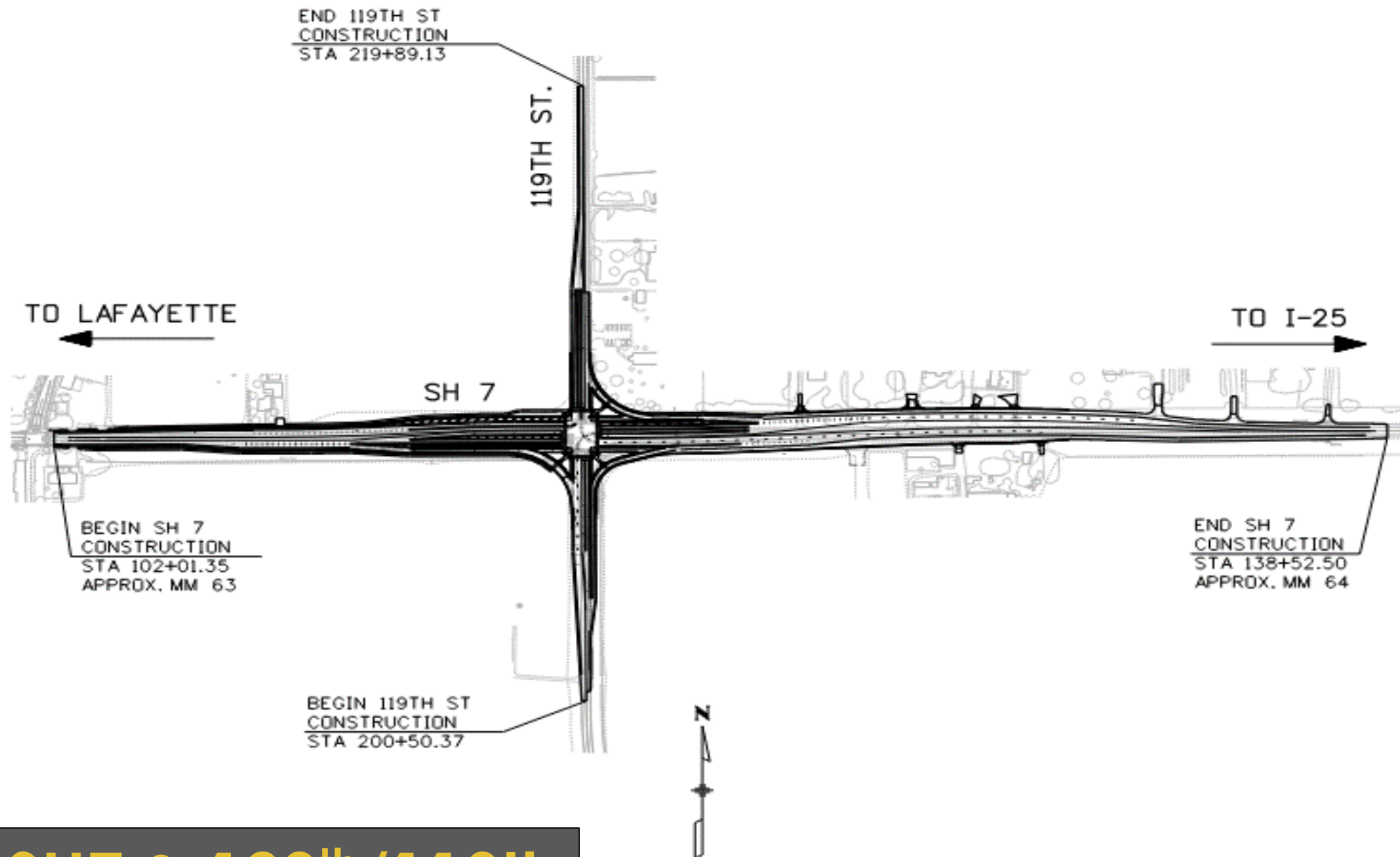
Print Date: 1/28/2019  
 Scale: AS SHOWN ON PLAN

Sheet Revisions		
Date:	Comments	Int.

TOWN OF ERIE  
 645 HOLBROOK STREET  
 ERIE, COLORADO 80516

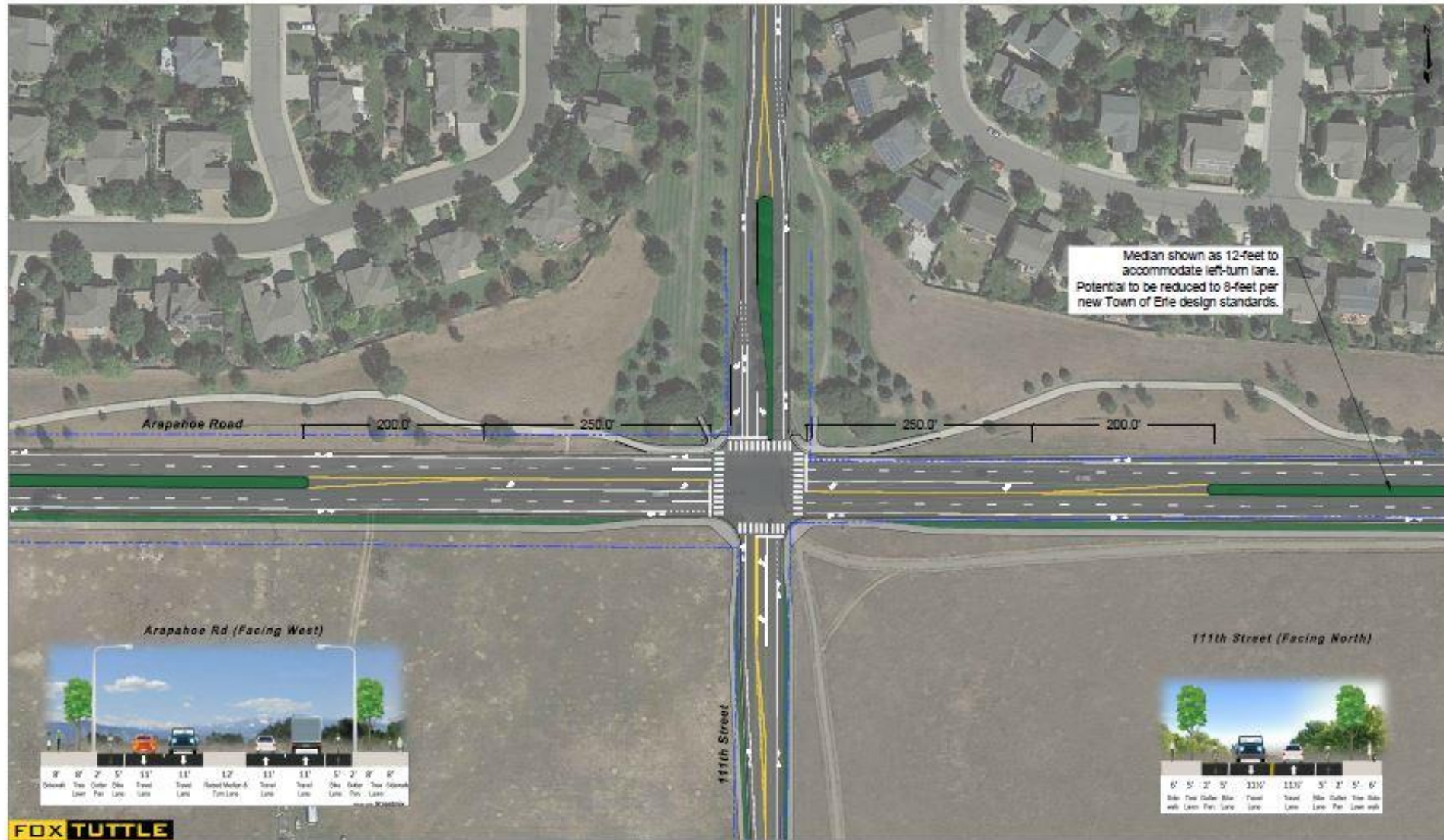
As Constructed		ERIE PKWY & WCR 7 INTERSECTION IMPROVEMENTS PLAN		Project No.
No Revisions:				TBD
Revised:		Designer: DTUTILE	Structure Numbers:	Drawing Number: C-101
		Detailer: KRITCHIE		
		Sheet Subject: PLAN	Sheet Sheets: 1 of 1	Sheet Number: 1 of 1

CR7 & EP Signal



**SH7 & 120<sup>th</sup>/119th**





ARAPAHOE RD AT 111TH ST TRAFFIC ANALYSIS & INTERSECTION IMPROVEMENTS  
CONCEPTUAL DESIGN WITH ULTIMATE CROSS-SECTIONS

Date	4/17/20	Drawn by	CRS	Figure #	4
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# Arapahoe & 111th

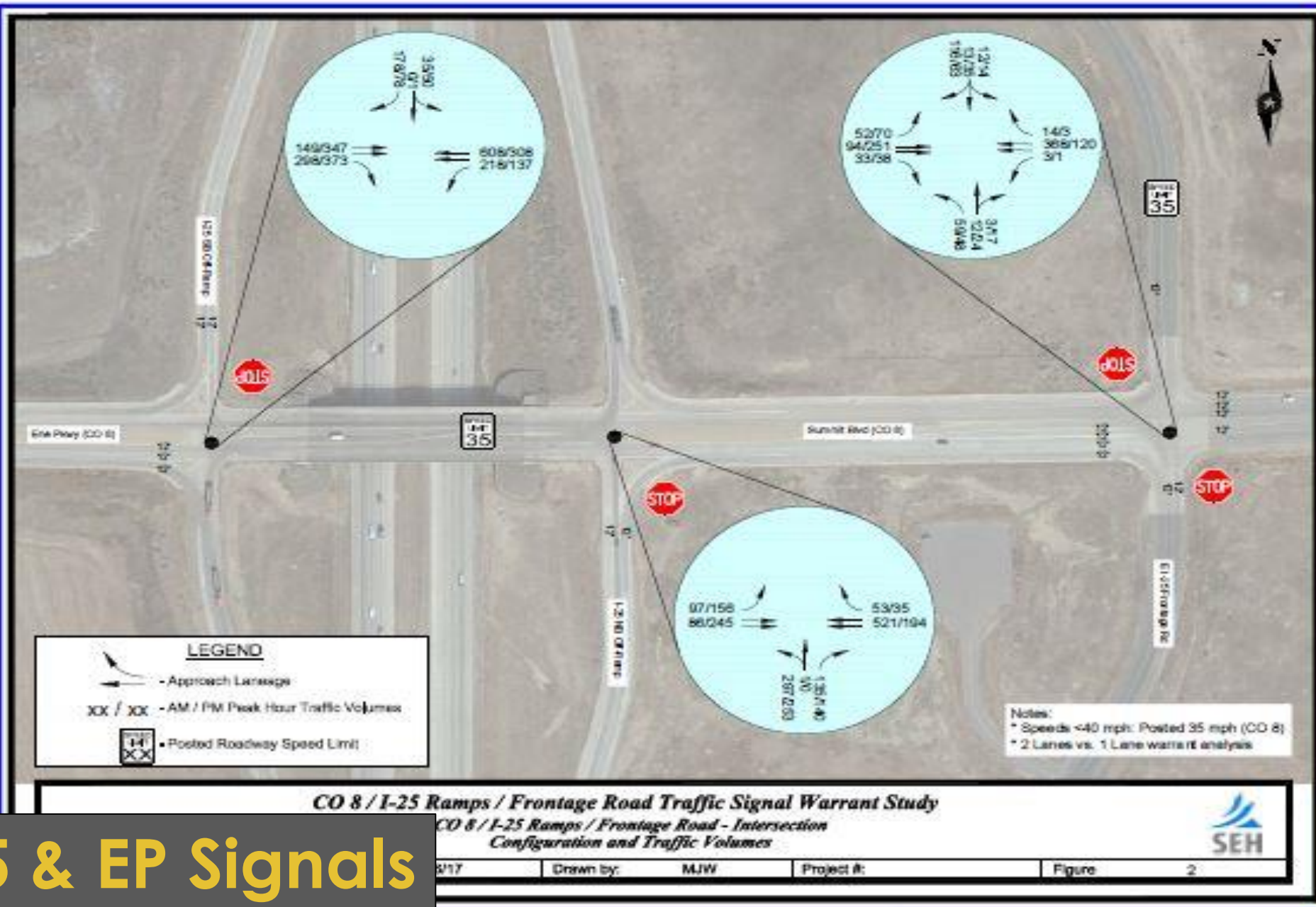




**Erie Parkway & 287 Intersection**



# I 25 & EP Signals





# ERIE NORTH AND SOUTH GATEWAY CONCEPTUAL OPTIONS NORTH GATEWAY OPTION 1: TRADITIONAL ROUNDABOUT

DATE PREPARED: July 15, 2020



Town Center Peel



**Proposed  
R.A.M.P. Project  
By Longmont for  
Bus Service to DIA**

**Current  
CDOT/Thornton  
Carpool Lot  
FASTER Project**

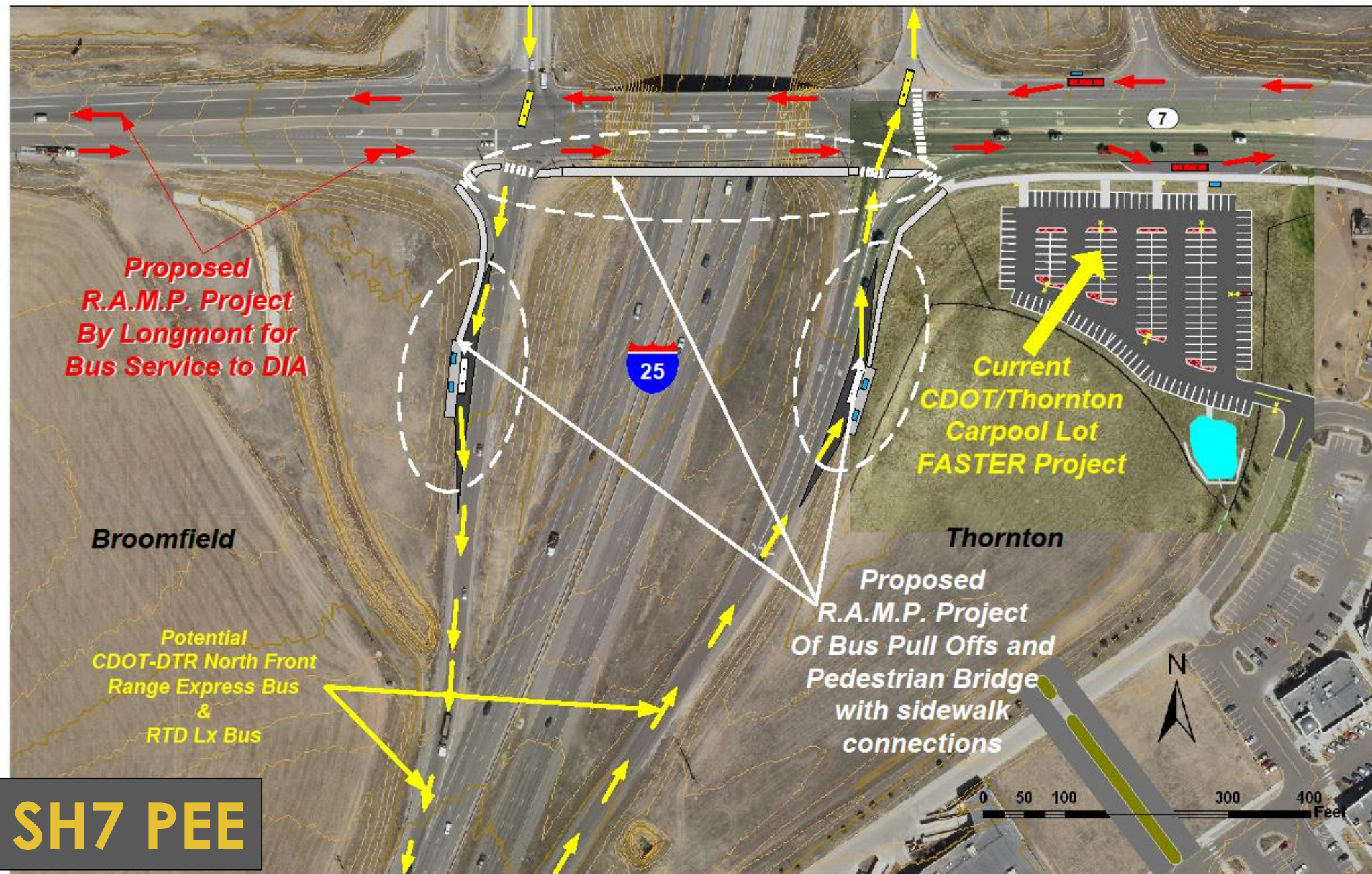
**Broomfield**

**Thornton**

**Potential  
CDOT-DTR North Front  
Range Express Bus  
&  
RTD Lx Bus**

**Proposed  
R.A.M.P. Project  
Of Bus Pull Offs and  
Pedestrian Bridge  
with sidewalk  
connections**

**SH7 PEE**







## SH52 Planning



**Signal Communication - DRCOG**





## Appendix D: Conceptual Design - Typical Median Plan and Section



Russian Sage



Pawnee Butter Sandcherry



Patches Maximilla



Gro-Low Sumac



Red Hot Poker



Daylily

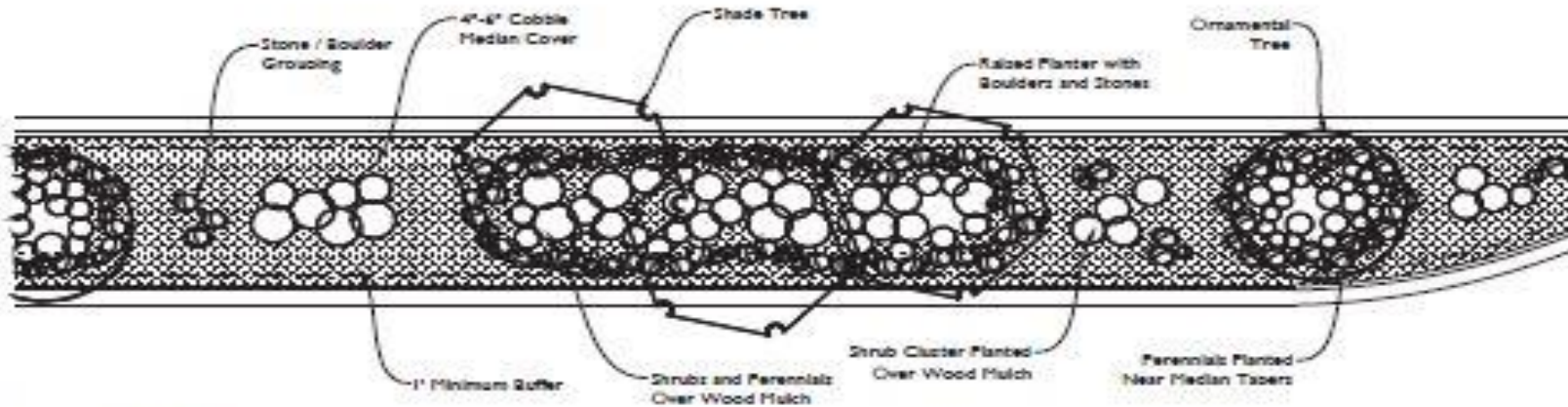
Typical 16' Median Plan



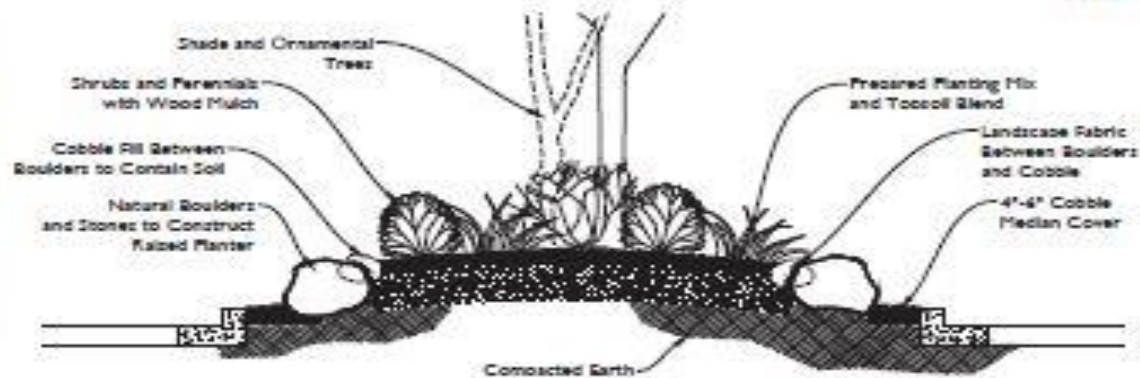
Boulder Grouping Example



4'-6" Median Cover



Scale: 1" = 10'



Typical 16' Median Section

Not to Scale





Questions?