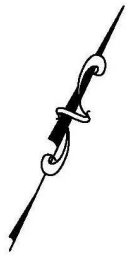




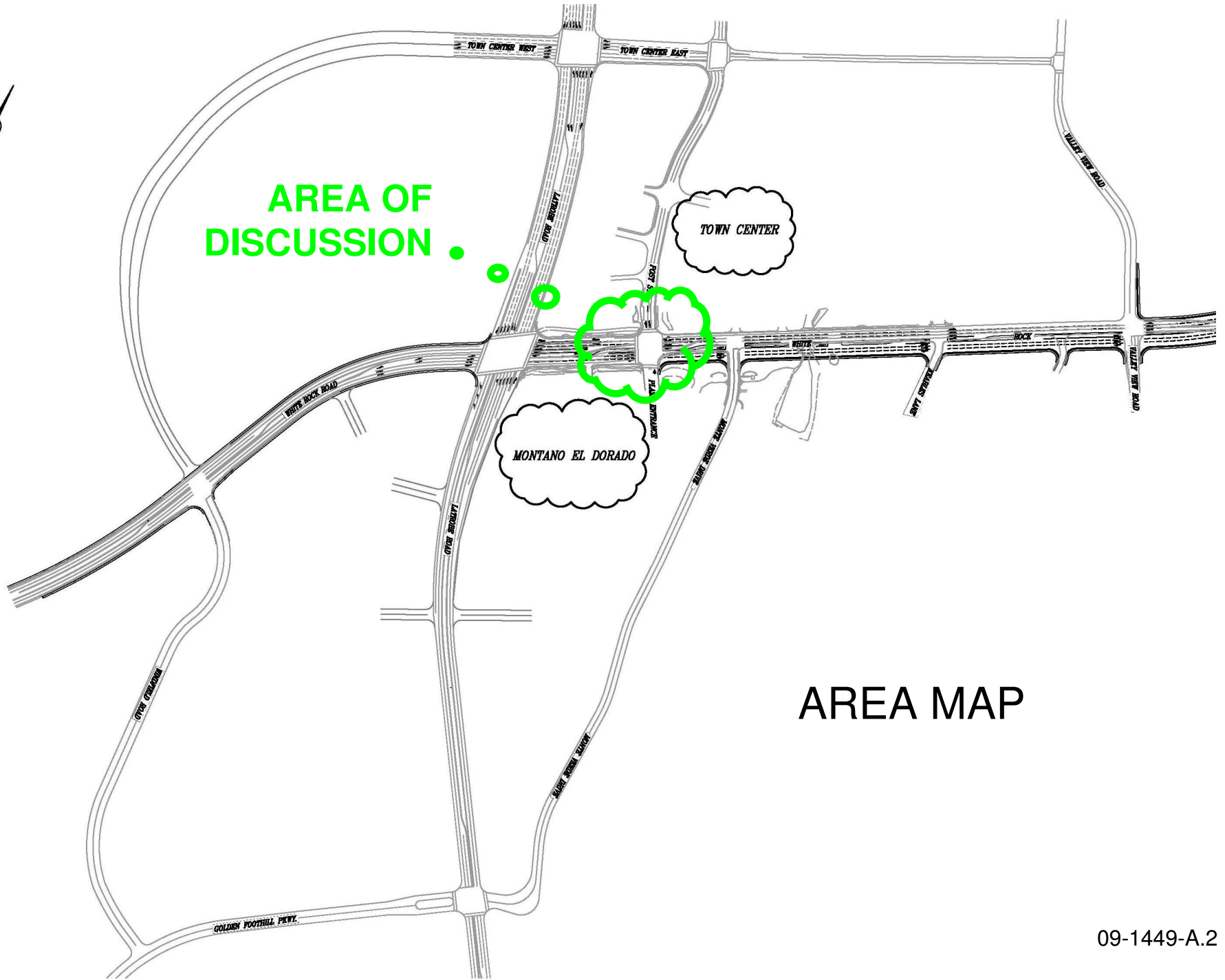
Discussion on White Rock Rd. & Post St. Intersection

Prepared for the Board of
Supervisors

December 15, 2009



AREA OF DISCUSSION



AREA MAP

Purpose for this Presentation:

- DOT requests BOS direction regarding White Rock Rd and Post St signalization.
- DOT recommends:
 - Remove traffic signal installation (CIP #73310) from CIP
 - Direct staff to continue monitoring & evaluate options

Background:

- The signal was requested by developer in area for improved access to their site.
- The White Rock Rd Widening project traffic management plan installed all-way stop signs at:
 - White Rock Rd at Manchester Dr
 - White Rock Rd at Post St.
- After completion, the stop signs at Manchester were removed, but Post St remained.

Background:

- As part of White Rock Rd widening, traffic signal foundations and conduits were installed under change order.
- ~\$150-200k to complete signal.
 - DOT can use money for other projects (Example: money on grants).

Reasons for Recommendation:

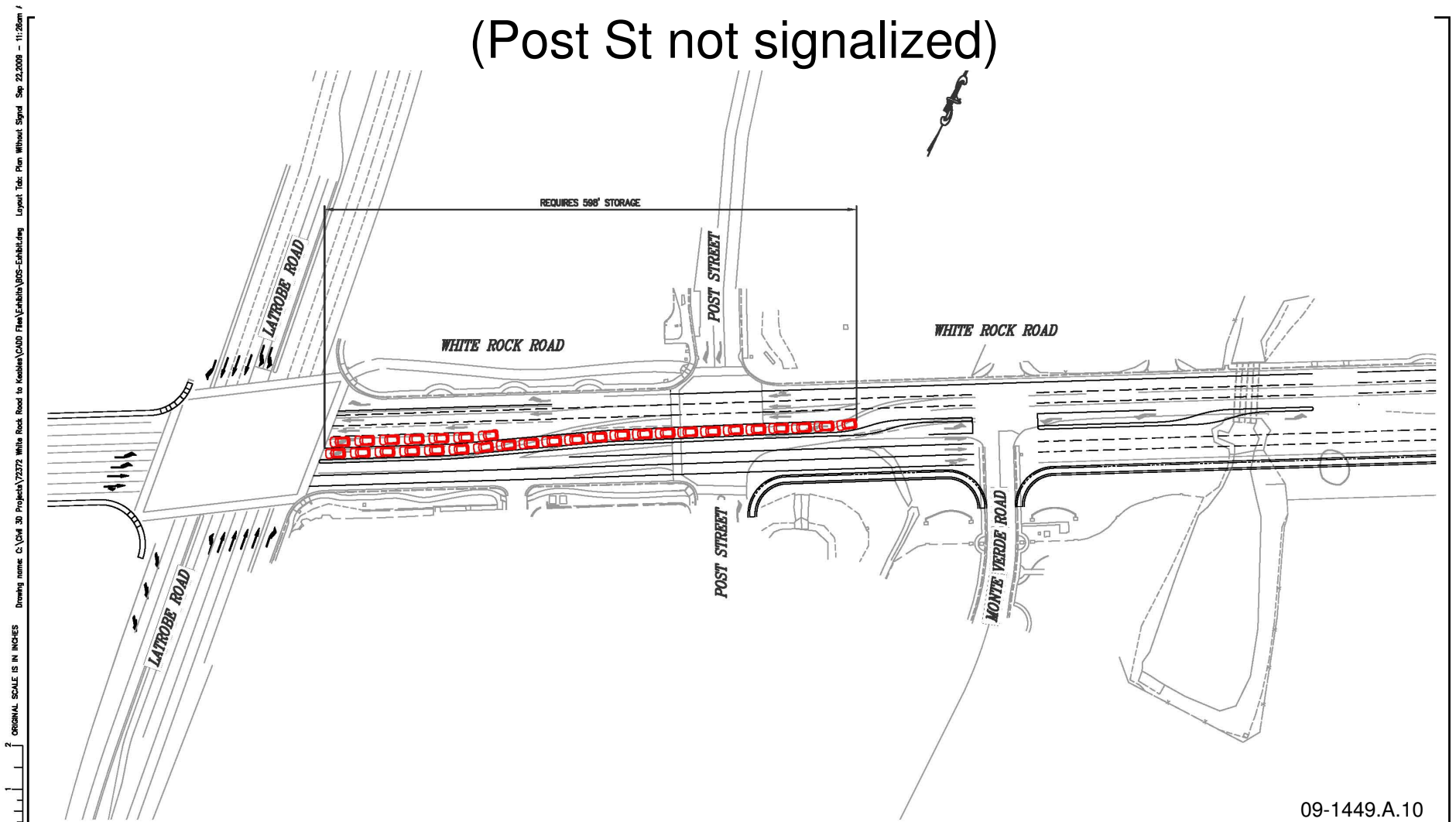
- Post St to Latrobe Rd = 450 ft
 - Recommended minimum for signals = 800 ft.
 - Ideal recommended for signals = 1200 ft
- The short distance limits storage, interferes with coordination, reduces capacity, and LOS (Level of Service).
- Negatively impacts Latrobe Rd/White Rock Rd intersection operations. There are no feasible solutions to mitigate traffic congestion created by these closely spaced traffic signals.

Reasons for Recommendation:

- General Plan Policy TC-Xd requires the County to maintain LOS at LOS E or better (In El Dorado Hills).
- Based on current forecasts, a signal at Post St causes LOS along White Rock Rd to degrade below threshold.
- 2020: White Rock Rd/Post St intersection LOS = F.
- 2030: Queues along White Rock Rd extend beyond both Latrobe Rd and Post St.

2030 White Rock Left Turn Queues:

(Post St not signalized)



09-1449.A.10

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES
 0 1 2
 Drawing name: C:\CH_3D\Projects\72372 White Rock Road to Keebler\CAUD File\Exhibit\BOS-Exhibiting Layout Tab: Plan Without Signal Sep 22, 2009 - 11:26am /

PRELIMINARY

REVISION	DATE	DESCRIPTION	BY

PREPARED UNDER THE SUPERVISION OF:

REGISTERED CIVIL ENGINEER

DATE: _____

DESIGNED	DOT	DATE	AM
CHECKED	CHK	DATE	9/22/2009
ROAD NUMBER	###		

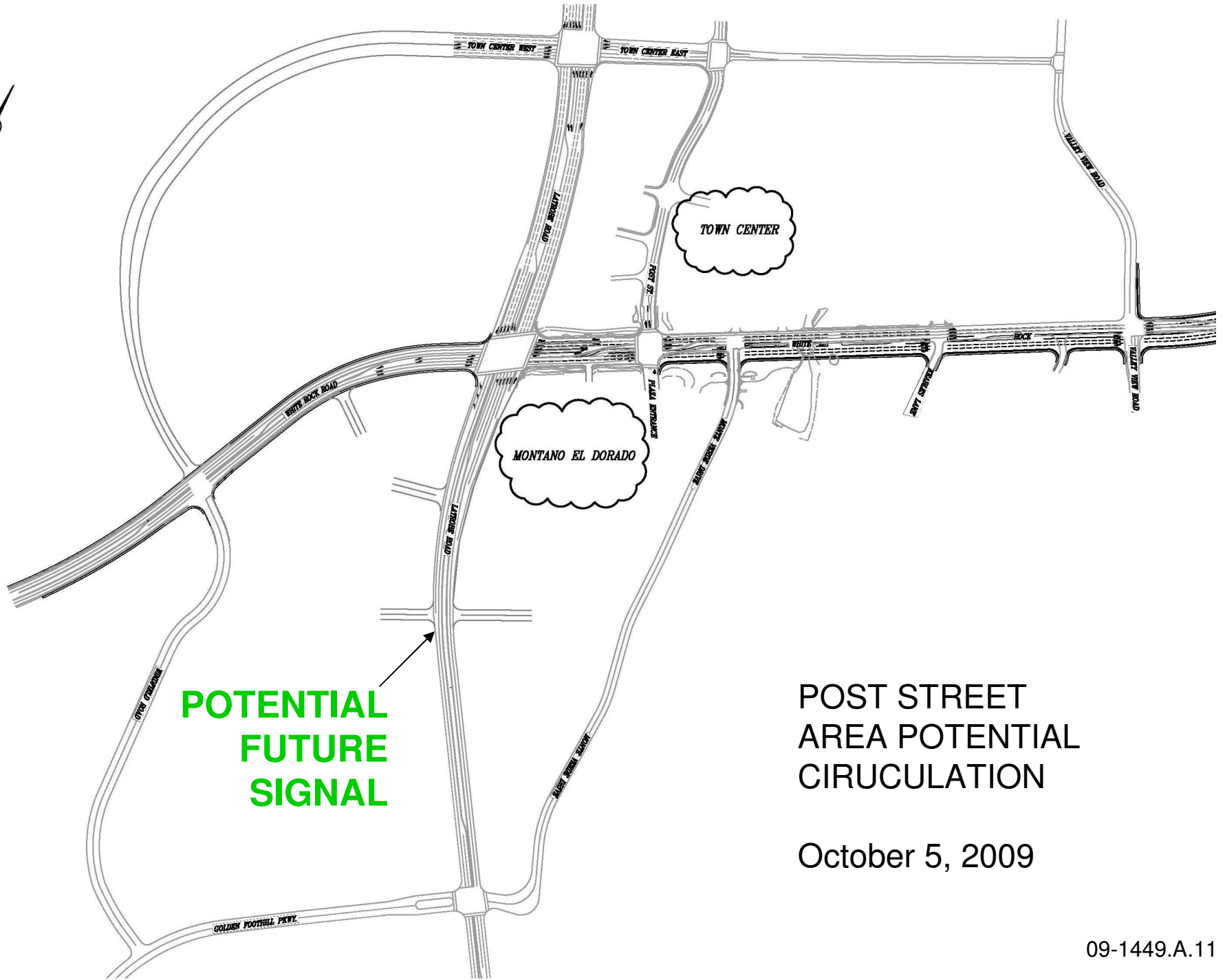


EL DORADO COUNTY
DEPARTMENT OF TRANSPORTATION

WHITE ROCK ROAD QUEUE AT
LATROBE ROAD & POST STREET
WITHOUT SIGNAL

BOS EXHIBIT
SCALE: 1" = 60'

SHEET
EX-2
 2 OF 2
 SEA No. **72372**



**POTENTIAL
FUTURE
SIGNAL**

POST STREET
AREA POTENTIAL
CIRUCULATION

October 5, 2009

DOT's Recommendation:

- Direct DOT to remove CIP #73310 “White Rock & Post signal” from the CIP and stop all work on the installation of a traffic signal at this location.

Planned Next Steps:

- Evaluate interim striping project on White Rock Rd extending two lanes through Monte Verde Dr to reduce backup of EB traffic at Post.
- Monitor White Rock/Post and remove temporary all-way stop at such time as traffic impacts Latrobe significantly.
 - May/may not include restricted left turn access
- Explore providing full access to Montano at potential future signalized intersection on Latrobe Rd south of White Rock Rd.