

Traffic Operations

Update:

Highlands Ranch

TIP and

Other Improvements



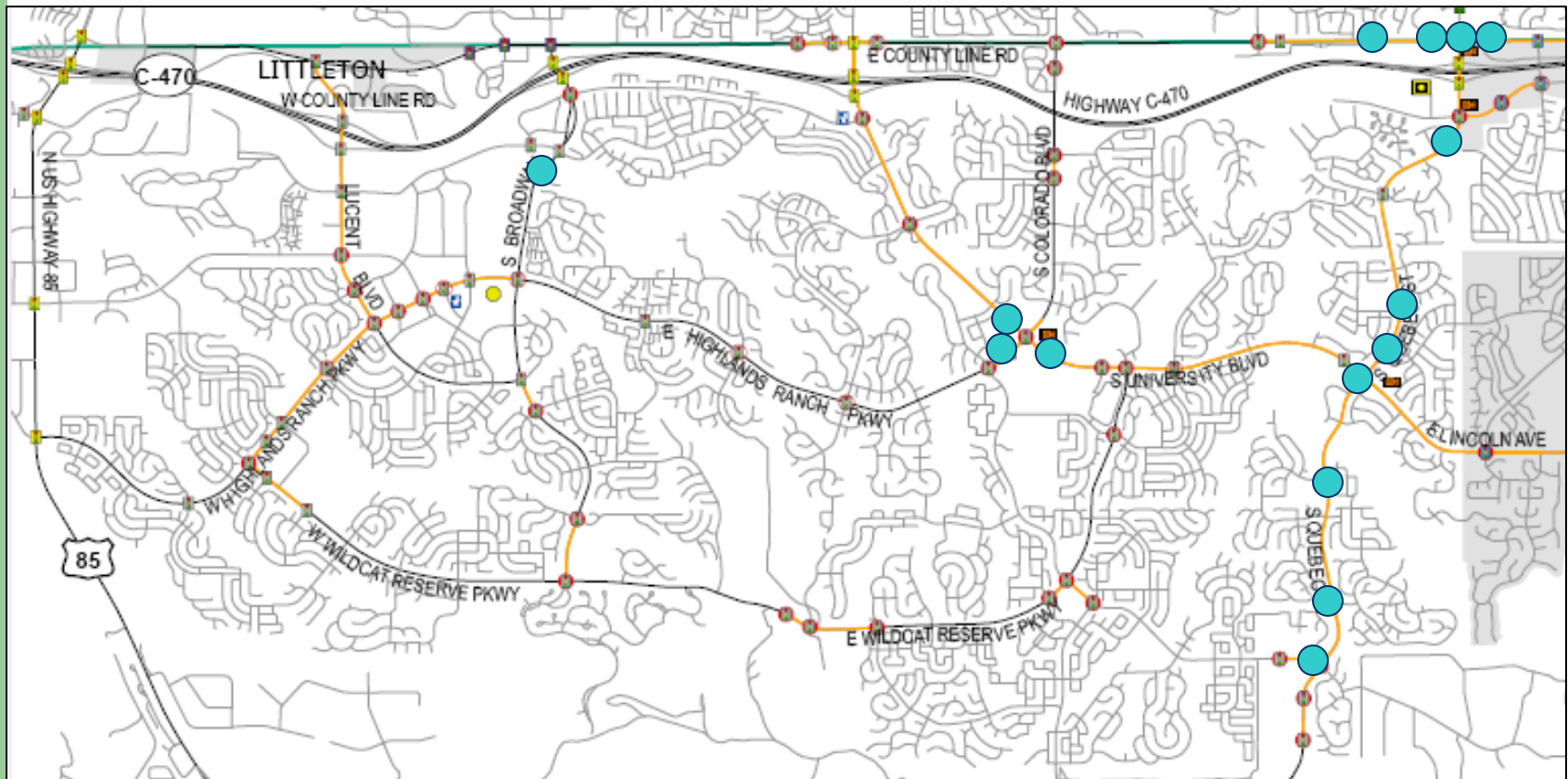
Outline

- 2007 Projects
- 2008 Projects
- 2008/2009 Wish List Projects

2007 Projects

- Colorado/HR Pkwy/University Intersection Improvements
- Quebec Corridor Improvements (started)
- Other

Quebec Corridor Improvement Locations



Quebec Corridor Improvements

- *Niagra & County Line – main street left turn phases eliminated*
- *Quebec Shoppes & County Line - the dual left on arrow only changed to single protected / permissive left for east and west, and the left turn phases for side street eliminated*
- *Parkway & County Line – side street left turn phases eliminated*
- *County Line & Quebec - added additional left turn signal heads, added right-turn green arrows*

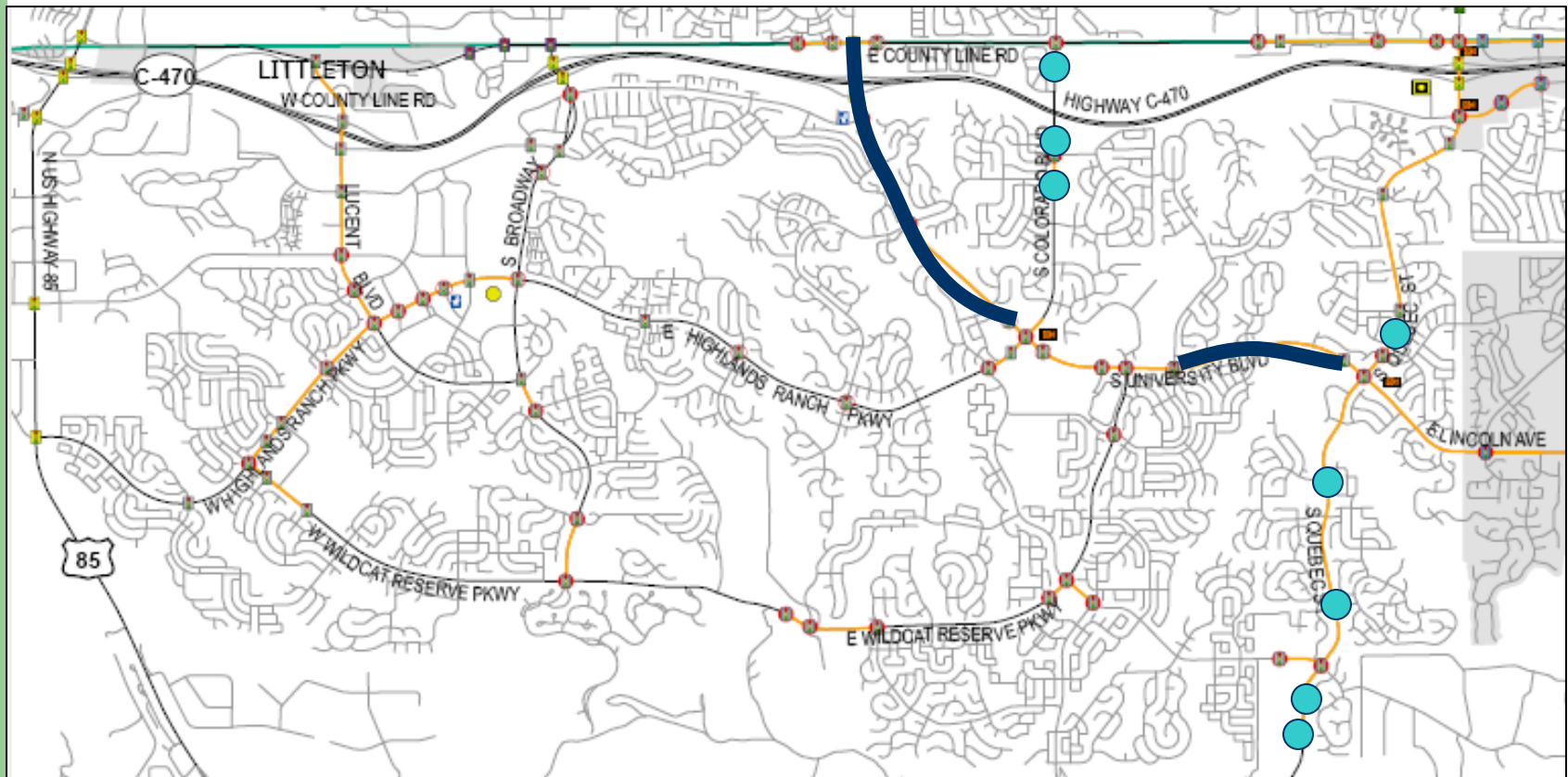
Quebec Corridor Improvements (cont')

- ***Quebec & Gateway / King Soopers - eliminated side street left turn phases***
- ***Quebec & Silver Spur / Timberline - eliminated 'split-phase' (allowed concurrent) operation, repainted approached***
- ***Quebec & Lincoln / University - add NB right and EB right turn green arrows, added additional left turn signal heads,***
- ***Quebec & Glenstone / Blackbird - eliminated all left turn phases***

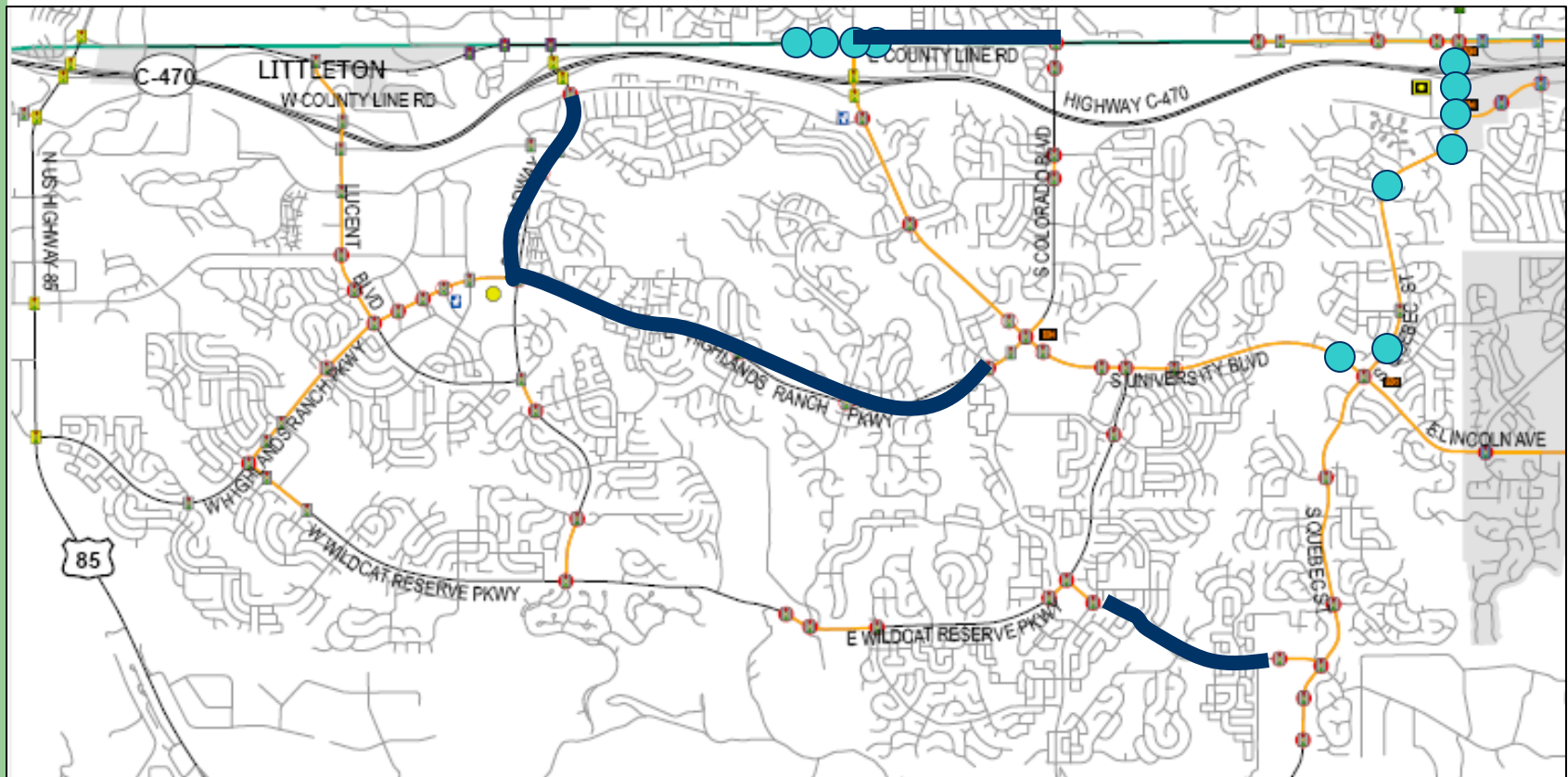
Quebec Corridor Improvements (cont')

- *Quebec & Wildcat Ridge - eliminated side street left turn phases*
- *Quebec & McArthur Ranch - added SB right lane & signal, changed dual to single for NB left, changed phase to protected / permissive*
- *University & Whole Foods - eliminated side street left turn phases*
- *University & Ross/Staples - eliminated side street left turn phases*
- *HR Pkwy & King Soopers - eliminated side street left turn phases*

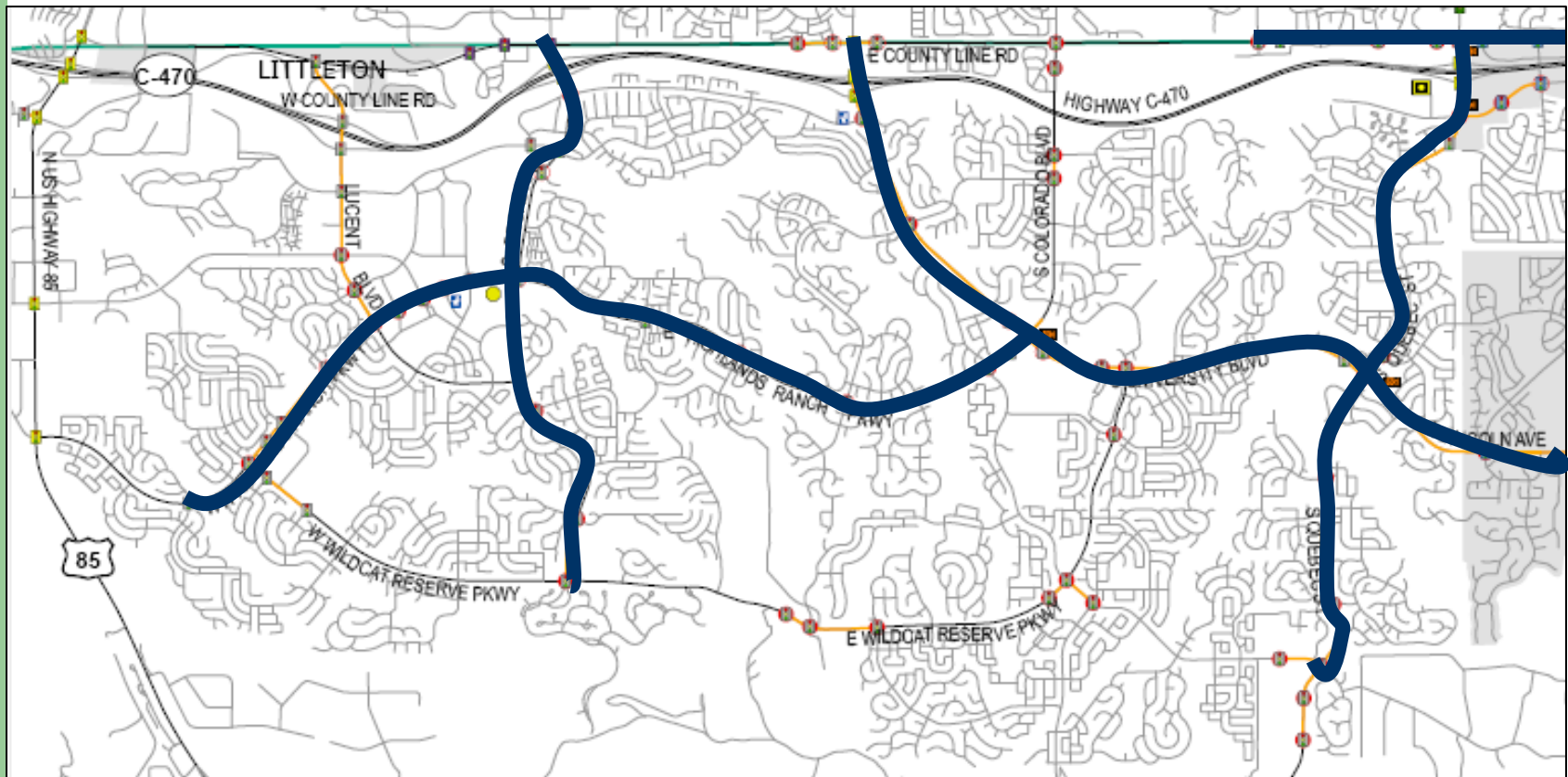
Other 2007 Improvements



2008 Planned Improvements



2008 Planned Timing Updates



Other Planned 2008 Efforts

- Relocate/Upgrade Traffic Operations Center (TOC)
- Monitor TOC During AM & PM Rushes
 - Recruiting Two New Operators
- Remote Access to Video Detection
- Video-Detection-Based Incident Warning System
- Functional Requirements For Central Traffic Signal Control System
- Traffic Signal Communications Master Plan

2008/2009 Wish List Projects



Questions?

