



Land Use, Transportation & Infrastructure Ordinance BR12.0233

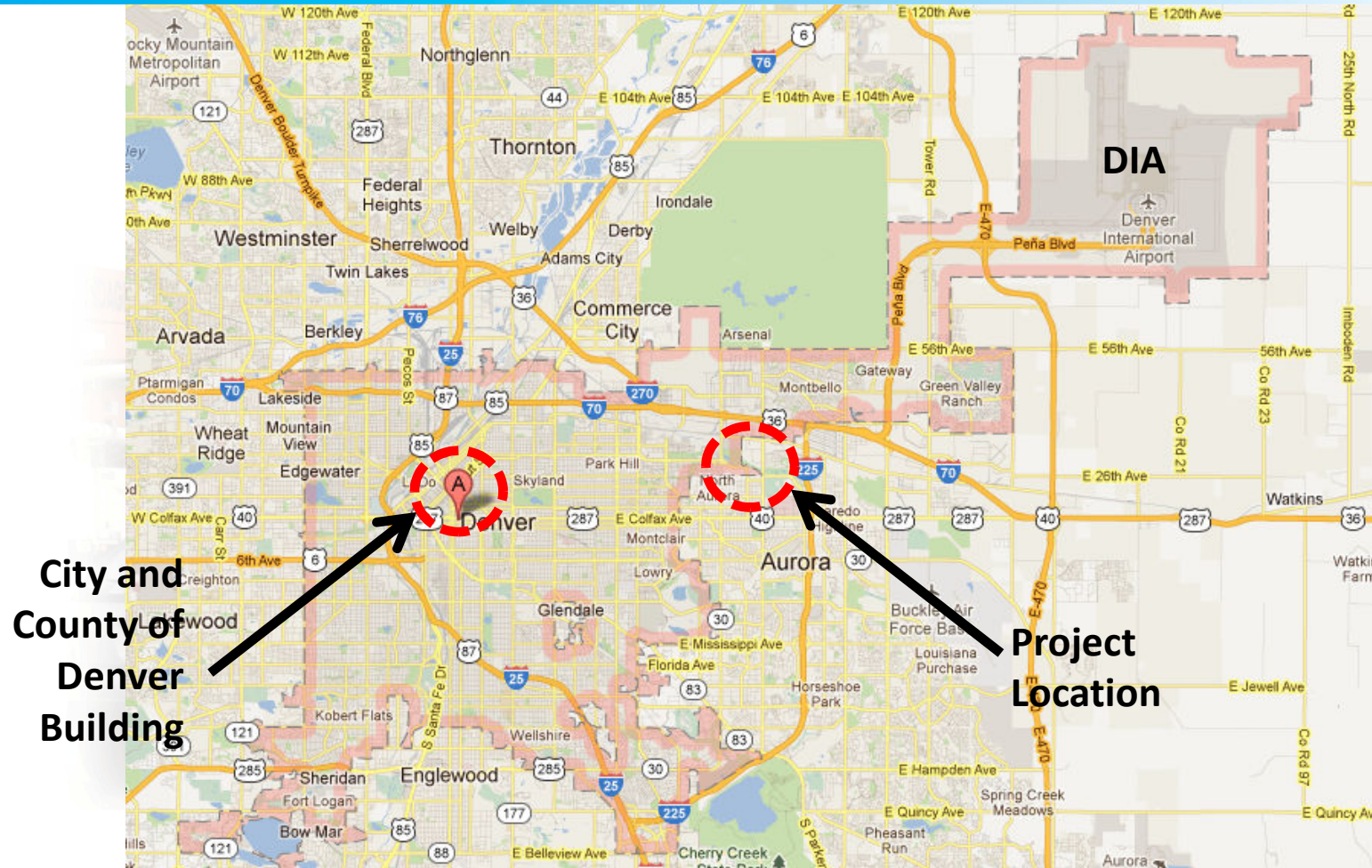
March 27, 2012



Presentation Outline

- Project Overview
- Purpose and Need
- Existing and Future Conditions
- Recommended Alternative
- Public Involvement
- Property Acquisition (Ordinance BR12.0233)

Project Overview: Location



City and
County of
Denver
Building

Project
Location



Project Overview: **Management**

- Partnership: CCD, Aurora, and RTD
- Contracting Agency: CCD (Public Works)
- Consultant Team: CH2M HILL, Inc.
- Project Manager: Tykus R. Holloway, PE, AICP
- CCD Internal Coordination/Collaboration

Project Overview: **Key Phases**

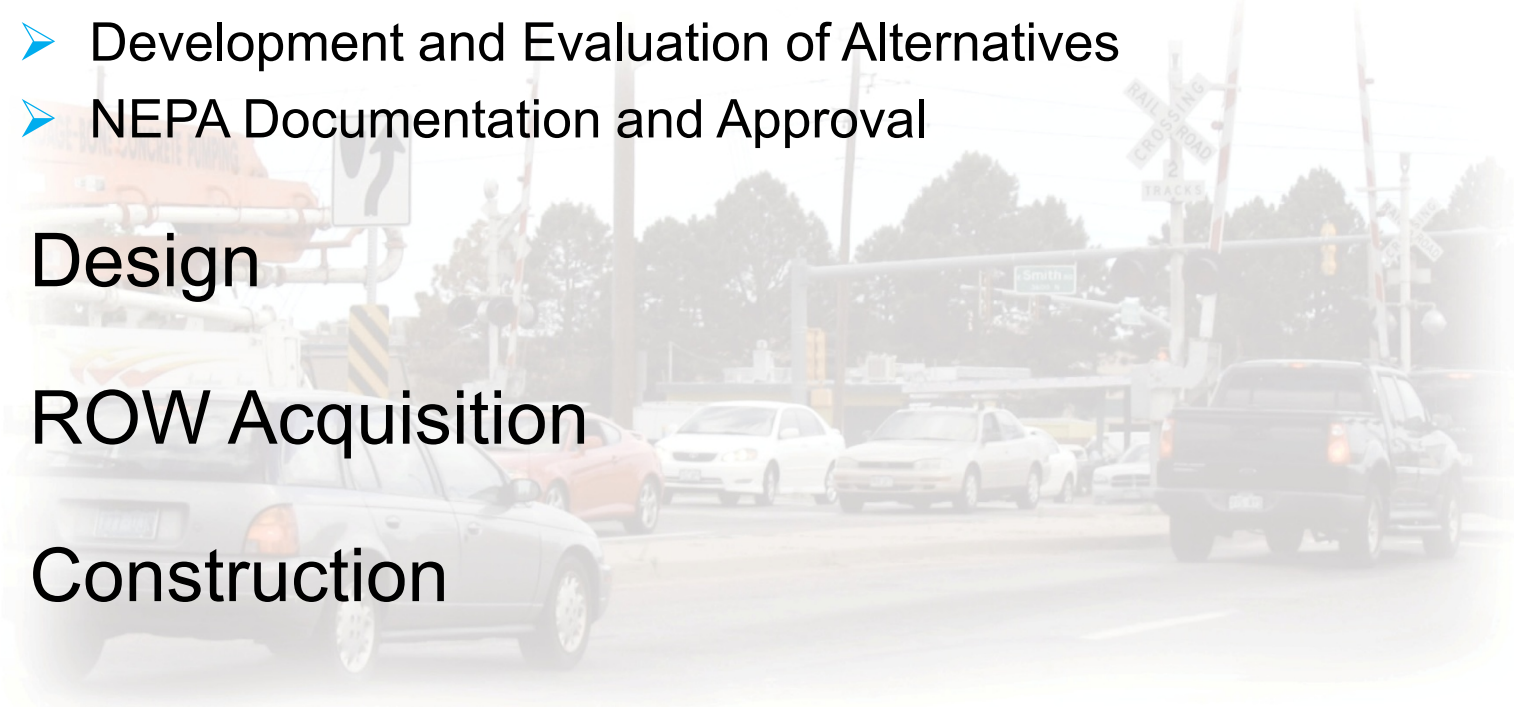
1. National Environmental Policy Act (NEPA)

- Public/Agency Involvement and Data Collection
- Development and Evaluation of Alternatives
- NEPA Documentation and Approval

2. Design

3. ROW Acquisition

4. Construction



Project Overview: **Schedule and Funding**

➤ Schedule

Phase	Begin	End
NEPA	Oct. 2011	May 2012
Design	Oct. 2011	Spring 2013
ROW	April/May 2012	Spring 2013
Construction	Spring 2013	Dec. 2014

➤ Project Funding:

- \$25M Federal (DRCOG)
- \$25M Local (\$2.5M Denver, \$2.5M Aurora, and \$20M RTD)

➤ Project Oversight: CDOT and FHWA

Purpose and Need

Purpose: Provide a safe and efficient multimodal crossing along Peoria Street at the existing at-grade Union Pacific Railroad and soon to be constructed RTD East Rail Line.

- Improve safety
- Improve mobility and travel reliability



Existing and Future Conditions: Operations

- Average Daily Traffic
 - Existing: 32,000 vehicles per day
 - Future (2035): 56,000 vehicles per day
- Freight Rail Operations
 - Existing: Up to 60 maneuvers/crossings per day
 - Future: Up to 60 or more
- Commuter Rail Operations
 - 146 trains per day in 2016 (opening)
- Up to 200 gate closings per day w/o grade separation
- Conflict points for peds/bikes/vehicles and rail vehicles increase from 17 today to 35 in the future

Existing and Future Conditions: **Example**



Recommended Alternative: **Development**

- Established criteria to compare possible alternatives based on design criteria and public and agency input
 - Meet Purpose/Need
 - Affordability
 - Environmental Impacts
 - Community Disruption
 - Engineering Feasibility
 - Implementation
 - Community Support
 - Agency Support

Recommended Alternative: Considerations

Road Section (Requirements and Dimensions)

of travel lanes

Access/frontage roads

Pedestrian/bicycle facilities

Alignment

Center

West

East

Type of Crossing

Over

Under

Recommended Alternative(s)

Recommended Alternative: **Selected Alternative**

- 6-lane bridge with west alignment
 - Meets purpose, need, project budget, and schedule
 - Minimizes impacts to community facilities
 - Affects fewer employees (113 on west vs. 278 on east)
 - West alignment is more affordable (\$3.7M less than east)
 - Compatible with UPRR needs
- Underpass is not feasible
 - Too expensive: \$14 million over project budget
 - Greater community disruption & impacts during construction
 - Conflicts with RTD and UPRR railroad operations

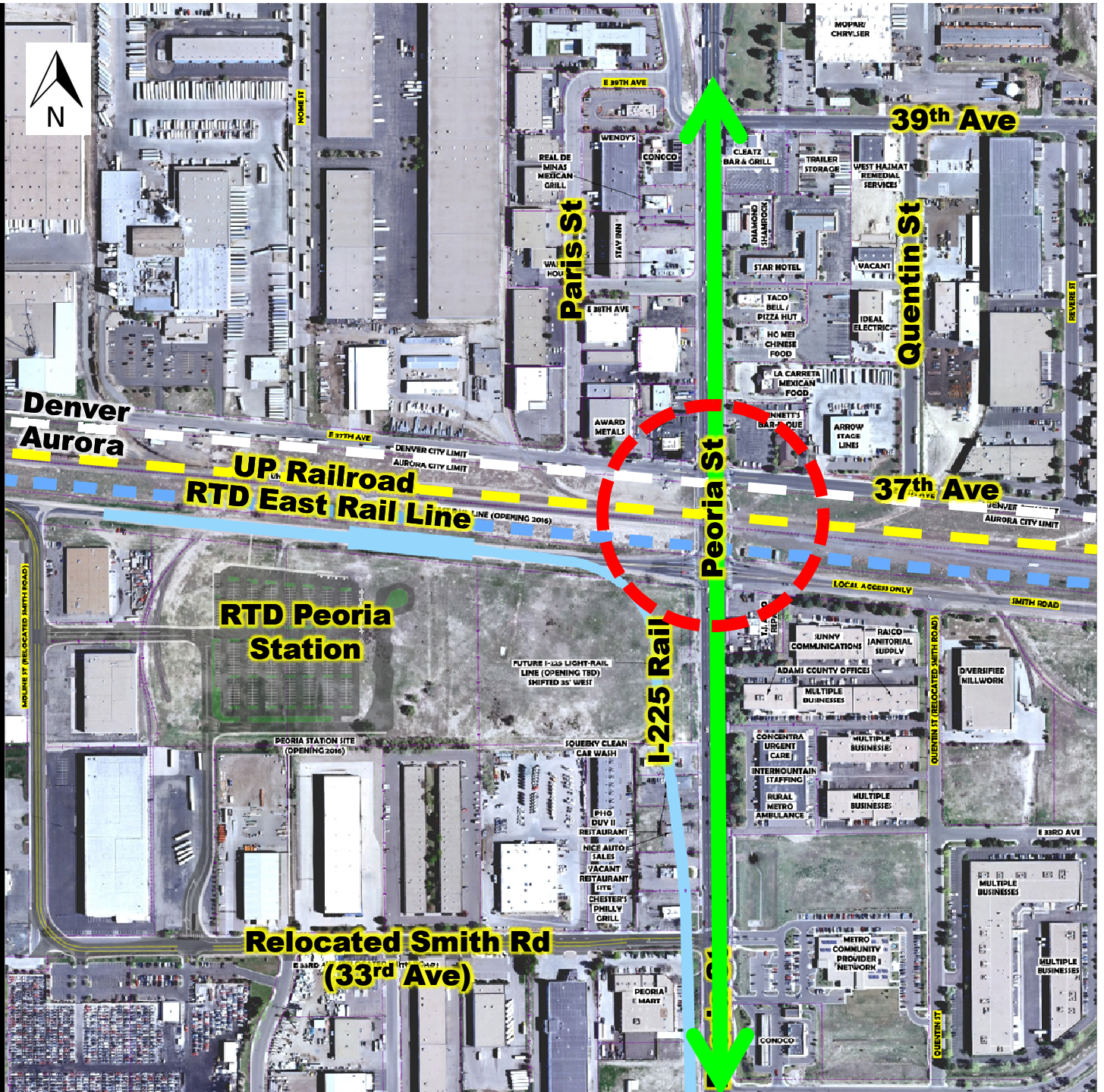
Recommended Alternative: **Plan View**

➤ What does it look like?



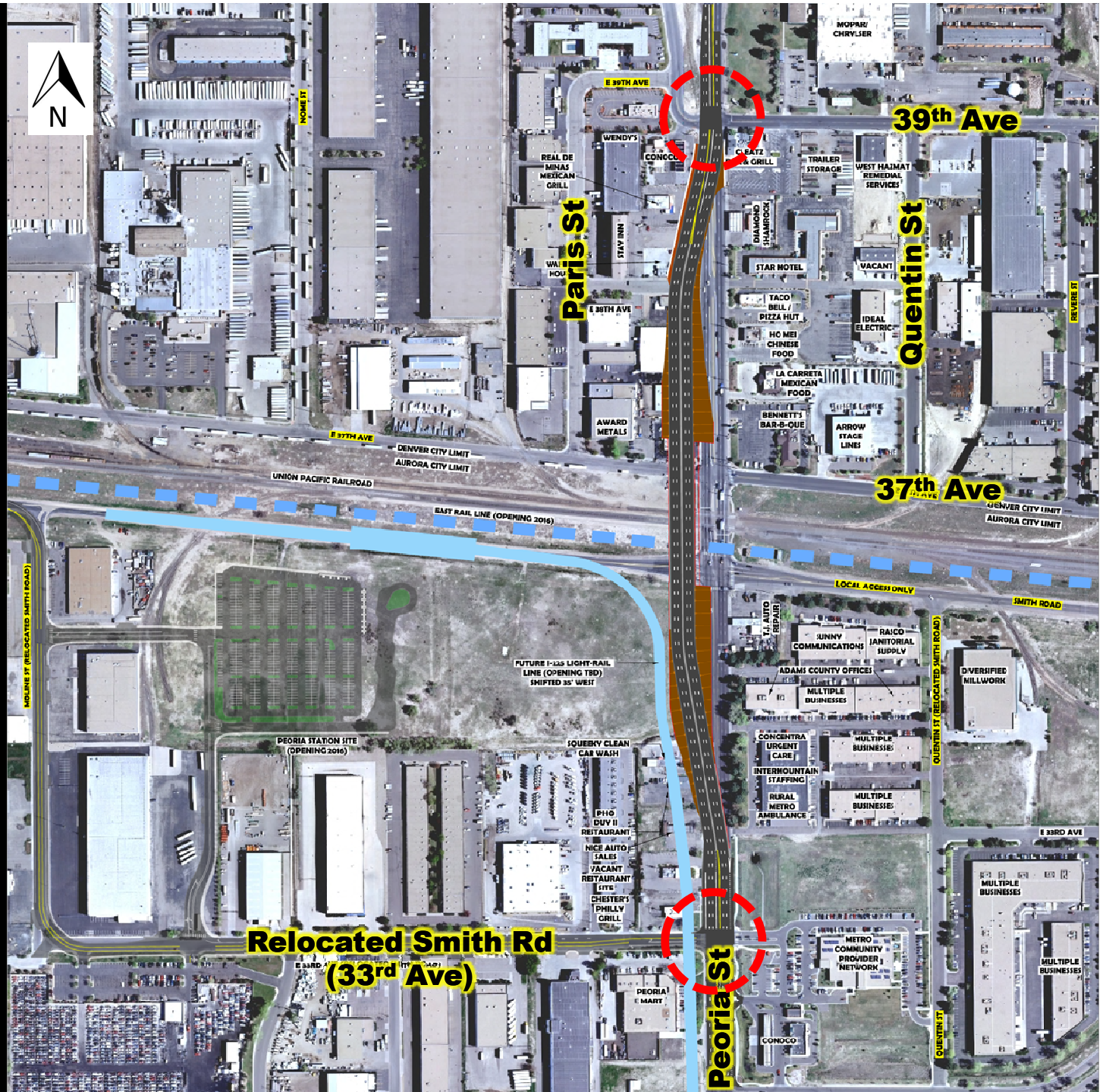
Recommended Alternative: Plan View

- Peoria Street
- Existing UPRR
- RTD East Rail
- Smith Road (Relocated)
- I-225 Rail



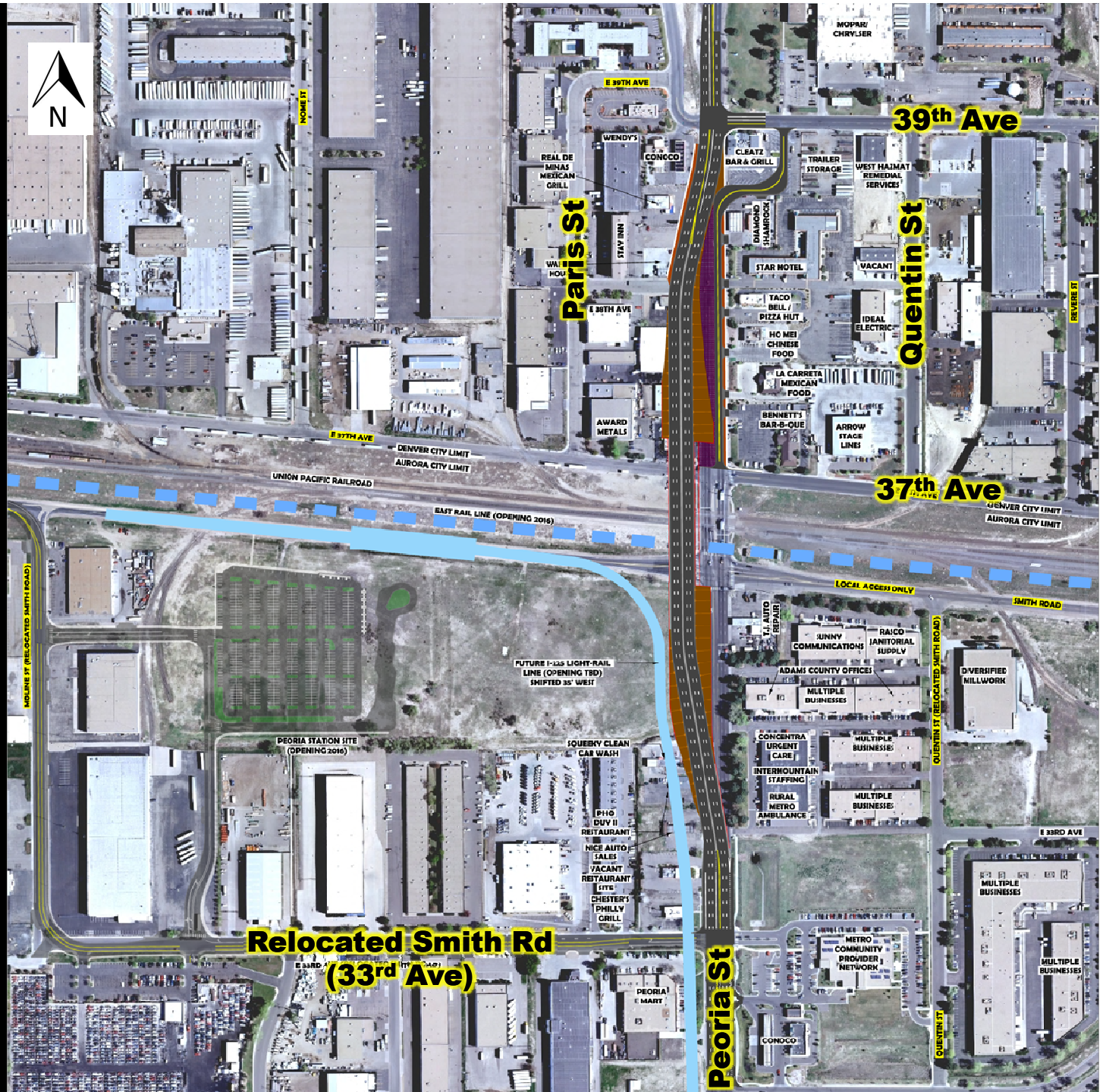
Recommended Alternative: Plan View

- 6 Lane Bridge
- Shifted to West
- 39th Ave
- 33rd Ave



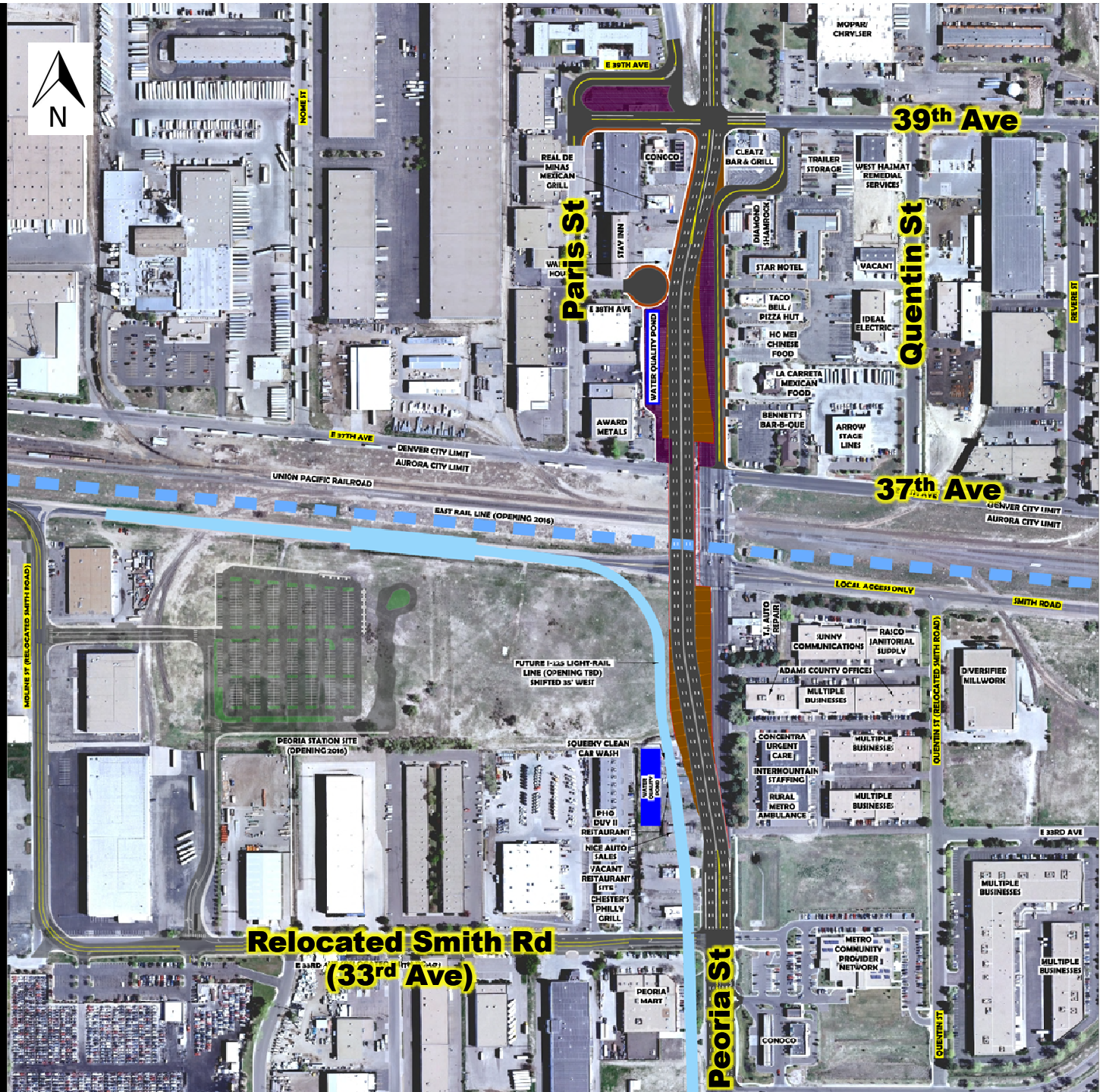
Recommended Alternative: Plan View

- Access to businesses on east side



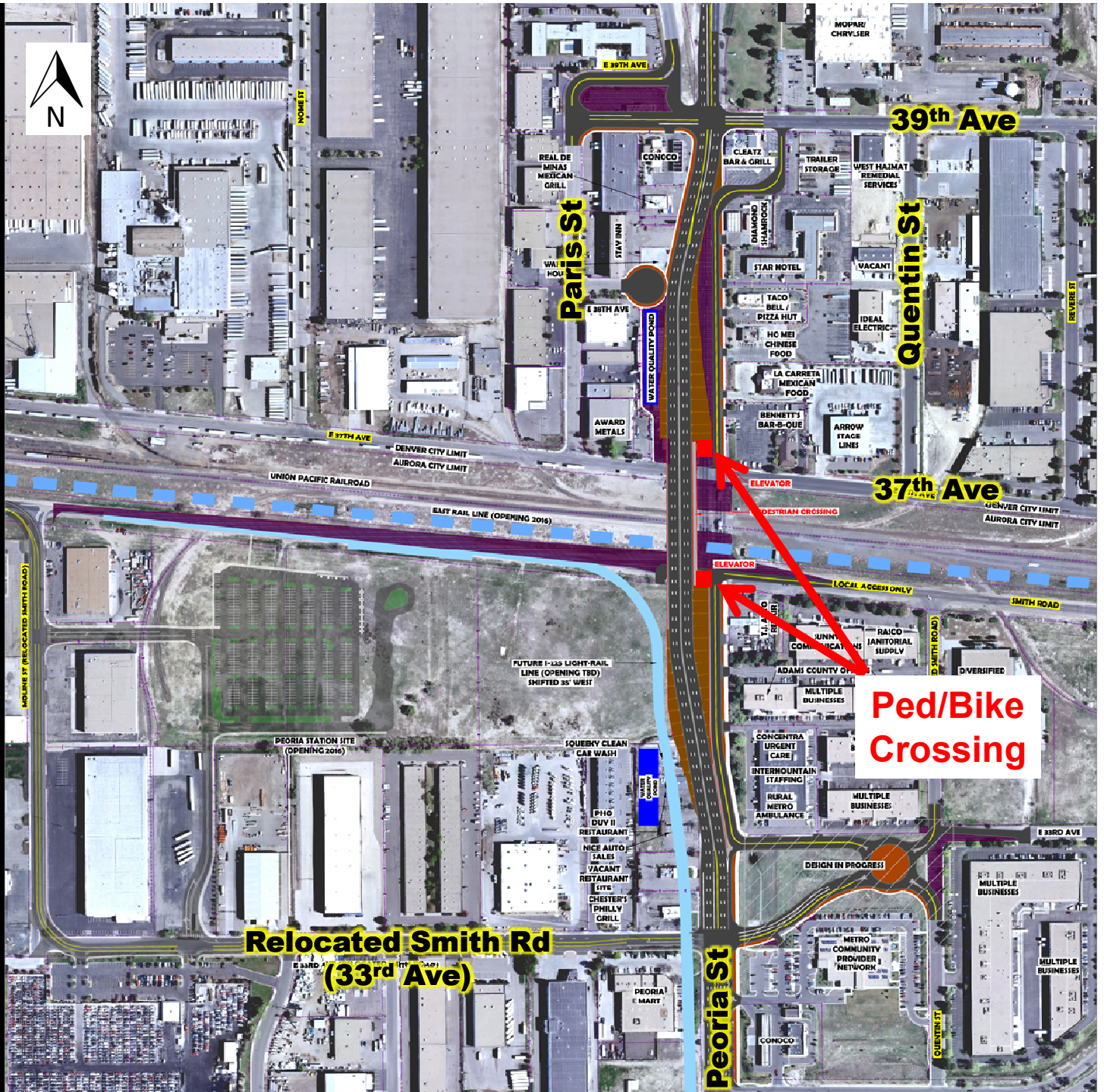
Recommended Alternative: Plan View

- Access to business on west side
- 38th Ave



Recommended Alternative: Plan View

- Access and circulation on Aurora side
- Pedestrian and Bicycle Crossing



Recommended Alternative: Side View



Artist Rendering
(Looking southwest from Bennett's Bar-B-Que)

Recommended Alternative: **Benefits**

- Eliminates rail conflicts improving safety/travel on Peoria
- Maximizes access to businesses among alternatives
- Improves traffic circulation on Peoria Street, travel reliability, and railroad operations
- Meets project budget and schedule
- Minimizes community and environmental impacts
- Supports future development around the RTD station

Public Involvement: Opportunities

➤ Two Public Meetings

- Nov. 16, 2011 at Bennett's Bar-B-Que (30 attendees)
- Mar. 6, 2012 at Park Lane Elementary (70 attendees)

➤ Notification Materials

- Website, flyers, postcards, newspapers, emails, banners, and certified mailings to potentially affected businesses/properties (owners/tenants)

➤ Agency scoping meeting

- Nov. 18, 2011 at Federal Highway Administration

➤ Interviews and individual meetings with 20+ businesses and property owners (on-going)

Public Involvement: Website

www.denvergov.org/PeoriaStreet

The screenshot shows a Windows Internet Explorer browser window displaying the Denver Public Works Policy and Planning website. The browser's address bar shows the URL <http://www.denvergov.org/PeoriaStreet>. The website header features the Denver logo and navigation tabs for Living in Denver, Doing Business in Denver, City Government, Online Services, and 311 Help. The main content area is titled "Public Works Policy and Planning" and includes a breadcrumb trail: "You are here: > Denver Public Works Policy and Planning > Current Projects > Peoria Crossing". Below the breadcrumb trail are three tabs: "Current Projects", "Completed Projects", and "Contact Us". The "Current Projects" tab is active, showing a list of project categories on the left and detailed information for the "Peoria Crossing" project in the center. The "Peoria Crossing" section includes a description of the project, a "Summary of Project" with a "Study Area" description, a satellite map of the study area, and a "Contact Us" section with the Project Manager's name and contact information. A red arrow points to a "CLICK HERE" button under the "Send Us Feedback" section, with the text "Submit Comments" written in red next to it. The website footer includes a "Public Meeting Materials" link and a "100%" zoom level indicator.

Public Works Policy and Planning

You are here: > Denver Public Works Policy and Planning > Current Projects > Peoria Crossing

Current Projects | Completed Projects | Contact Us

- > [Bicycle Program](#)
- > [City Plans and Studies](#)
- > [Colfax Mobility](#)
- > [Denver Livability Partnership](#)
- > [FasTracks Corridors](#)
- > [Federal Boulevard](#)
- > [I-70 Alignment Neighborhood Outreach](#)
- > [Living Streets Initiative](#)
- > [Peoria Crossing](#)
- > [Safe Routes to School](#)
- > [Santa Fe / Kalamath Bicycle & Ped Crossing Study](#)

Peoria Crossing

The City and County of Denver, Regional Transportation District (RTD) and City of Aurora are sponsoring a study to determine how to make improvements to the crossing of Peoria Street with the Union Pacific Railroad and future RTD East Rail Line near Smith Road. The purpose of the project would be to improve safety and travel reliability, and reduce traffic backups at the crossing.

Summary of Project

Study Area: The study area encompasses an area along Peoria Street from approximately East 39th Avenue to Baranmor Parkway. The study will evaluate whether a grade separation (bridge or underpass) is needed to provide a safe and efficient multimodal transportation crossing along Peoria Street at the existing at-grade Union Pacific Railroad (UPRR) and future RTD East Rail Line. The study is being conducted in compliance with federal requirements which are based on the National Environmental Policy Act (NEPA).



[Click to enlarge](#)

Peoria Street is a key north-south arterial roadway through the cities of Denver and Aurora. It is also a major employment corridor and provides access to and from key regional facilities including, but not limited to: Denver International Airport, Interstates 70 and 225, Colfax Avenue, transit stations, emergency services, Anschutz-Fitzsimons Medical Campus, universities, businesses, community services, schools, and childcare centers.

Contact Us

Project Manager
Tykus R. Holloway, PE, AICP
Denver Public Works
201 West Colfax Avenue, Dept 509
Denver, CO 80202
720.913.8812
Tykus.Holloway@denvergov.org

Para información en español, por favor, contactar a Melissa Rosas al 303.945.2351 o escribir al melissa.rosas@apexdesignnpc.com

Send Us Feedback

Submit comments, questions and/or request a meeting:

[CLICK HERE](#)

Announcements

Click below to view copies of the materials shared at the March 6, 2012 and the November 16, 2011 Public Meetings:

[Public Meeting Materials](#)

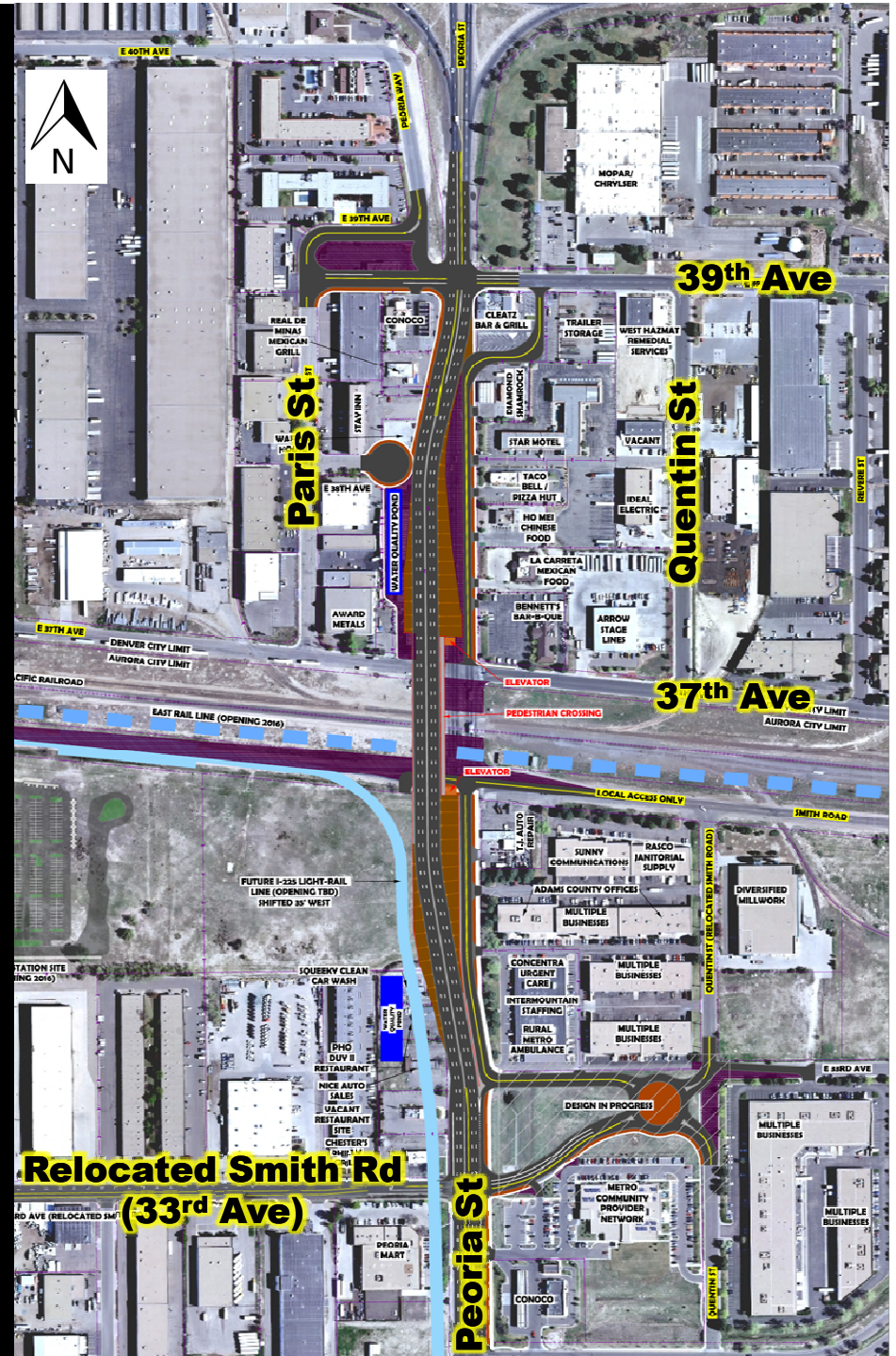


Public Involvement: Comments Received

- **Concerns:** construction impacts, business access and viability, walls, traffic circulation, property and business impacts
- **Support:** residents in Montbello, commuters, Aurora residents, and businesses – *“something must be done and a bridge would help multimodal travel.”*
- **Integration of Comments:** integral to recommended alternative and project team is currently modifying to accommodate suggested modifications.

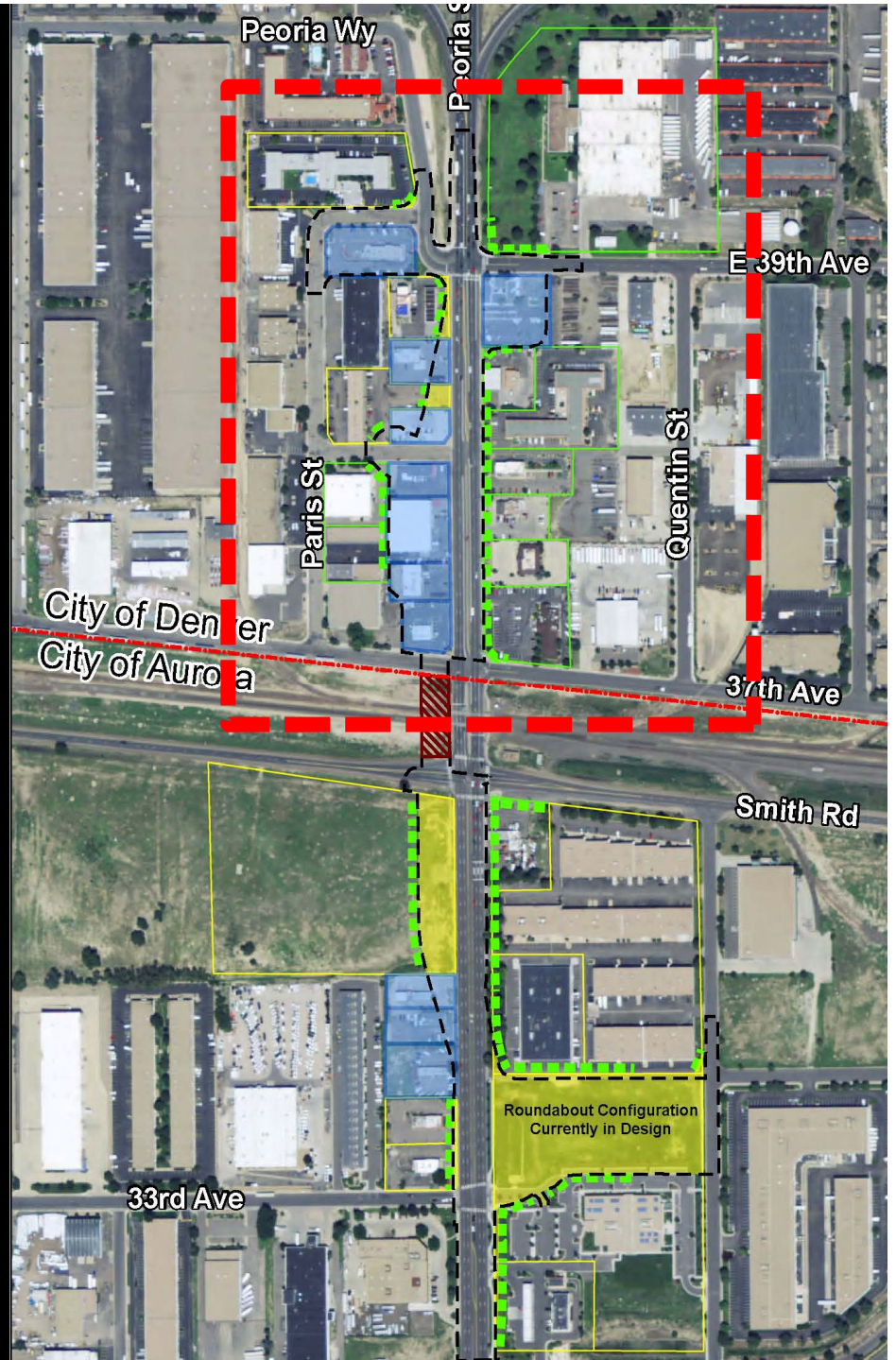
Property Acquisition: Impacted Property

- Property impacts as a result of the Recommended Alternative



Property Acquisition: Impacted Property

- Focus on properties within City and County of Denver



Property Acquisition: Impacted Property

– Categories and basis for impacts

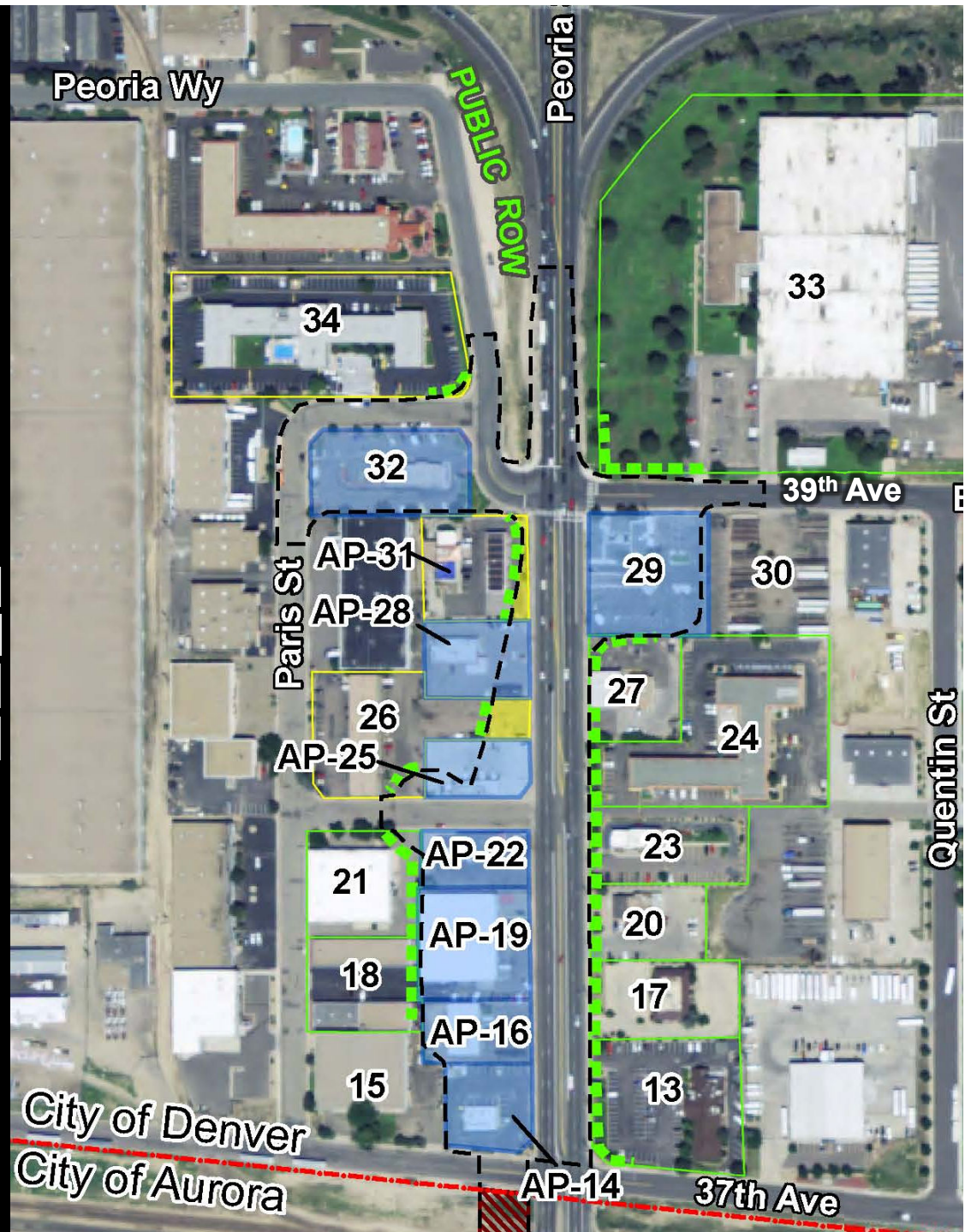
--- Recommended Alternative Footprint

Construction Easement

Partial Acquisition Area

Full Acquisition Property

– Example of how recommended alternative has been refined



Property Acquisition: Ordinance BR12.0233

- Intent of Design:
 - Minimize number and extent of property acquisitions
- Constraints:
 - Urbanized (developed) with limited setbacks
- Intent of Ordinance BR12.0233
- Anticipated Property Acquisition
 - Denver properties affected (20 total)
 - 8 full acquisitions
 - 3 partial acquisitions
 - 12 construction easements (3 are part of partial acquisitions above)

PEORIA CROSSING



Questions?

Provide Comments at Project Website:

www.denvergov.org/PeoriaStreet

