

Crenshaw/LAX Transit Project

South Bay Cities Metro Service Council

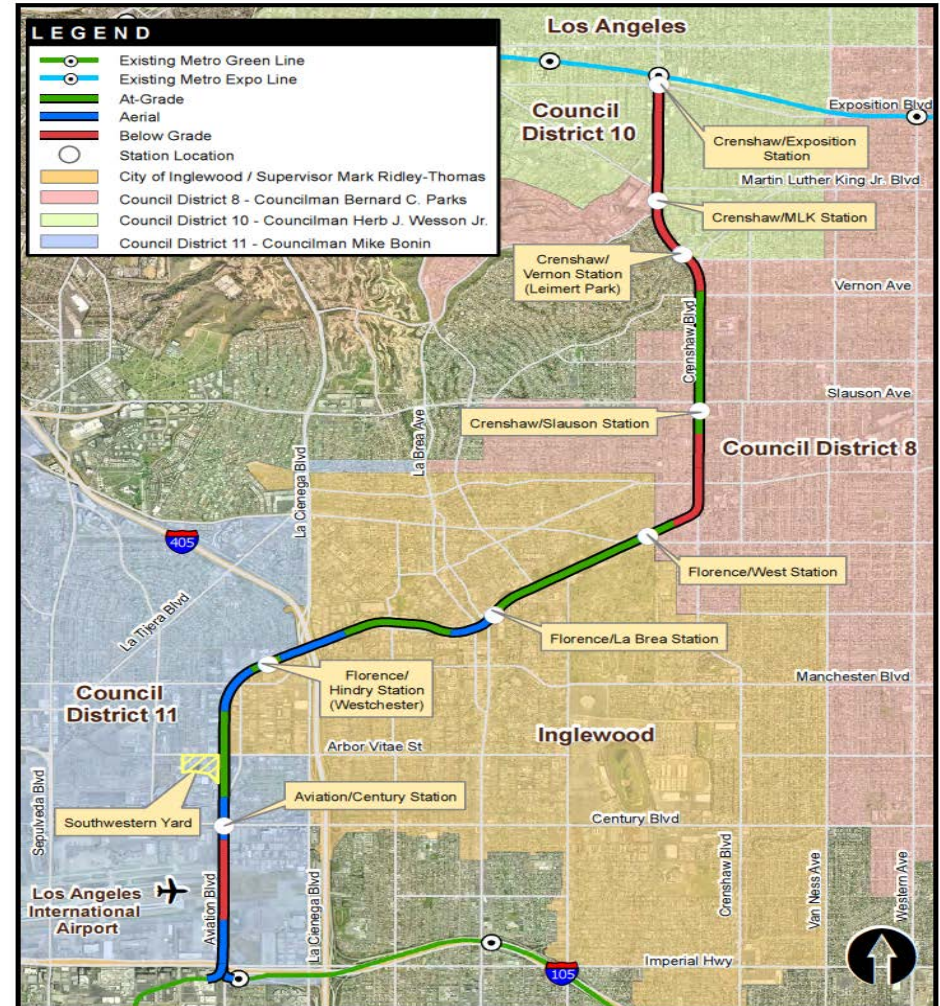
June 13, 2014



Metro

Project Overview

- Advanced Utility Work - Metro Builders
- Design-Build Contract - Walsh Shea Corridor Constructors
- 8.5 miles of light rail
- 8 new stations
- Southwestern Yard Maintenance Facility – Separate Contract
- \$2.058 billion-Life of project budget
- Planned opening: 2019
- 24,400 daily project trips (2035)



Upcoming Early Preparation Work Activities

- Construction staging site preparation
 - Florence/La Brea Station Area
 - Metro Right of Way at abandoned railroad tracks
- Tree removal along Metro Right of Way

Advanced Utility Relocation

Construction activities at:

- 54th St & Slauson Av: Water line relocations
- Crenshaw/60th St: Sewer relocation
- Crenshaw/67th St: Sewer relocation
- Crenshaw/ Exposition Bl: Temporary sewer relocation

Upcoming construction activities:

- LADWP water and power line relocations
- Cal America water line relocation at Crenshaw/Vernon



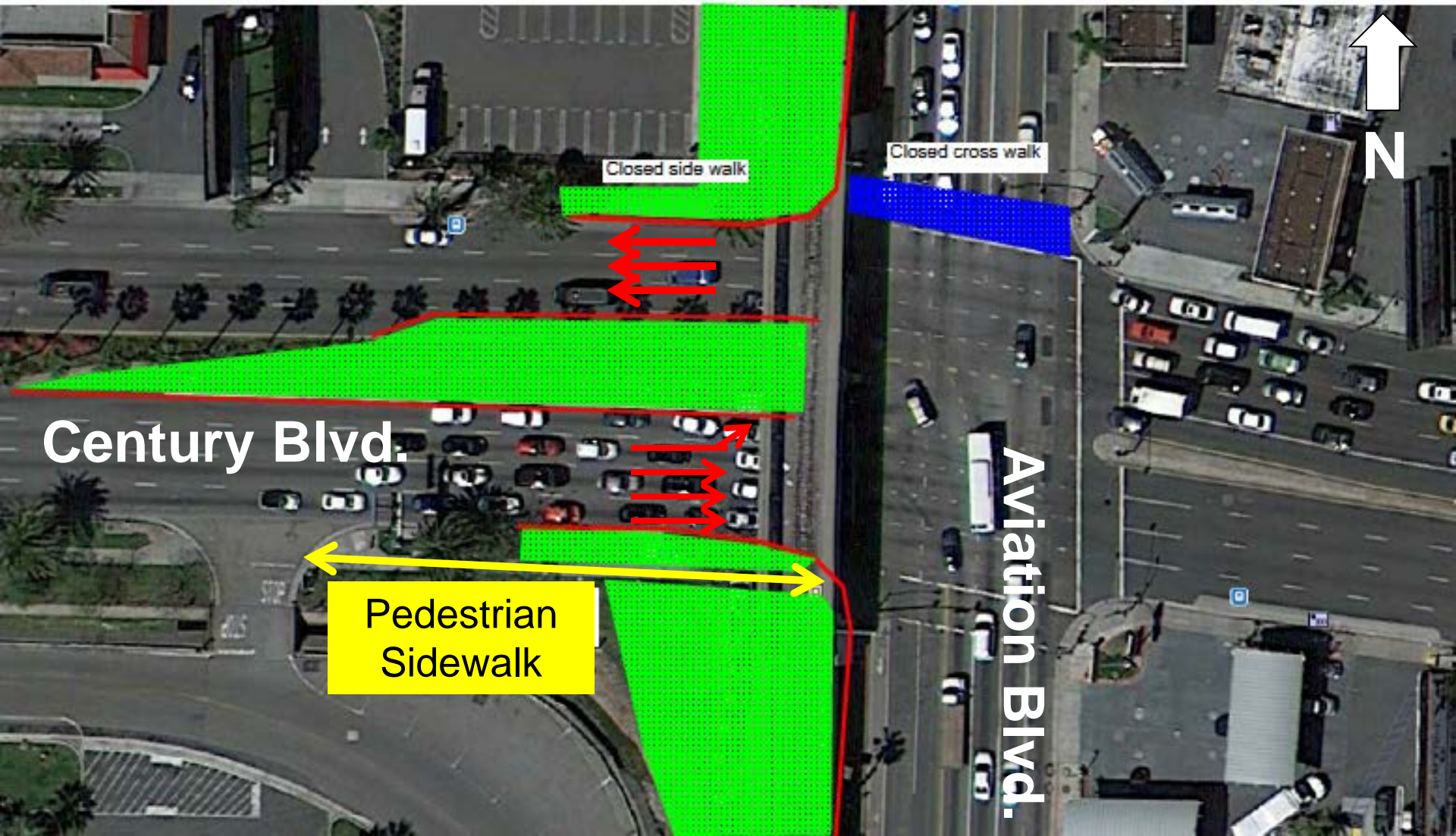
Century Bridge Construction

- Full weekend closure of Century Bl at Aviation Bl to support the following:
 - Bridge demolition
 - Traffic reconfiguration
 - Development of construction work zone
- Weekend closure anticipated to occur in the summer of 2014 from Friday night until Monday morning
- Traffic reconfiguration will entail a long-term reduction of one lane in each direction on Century Bl to support bridge reconstruction

Century Bridge Construction (Continued)

- Bridge reconstruction to support development of rail tracks and station above Century Bl
- Anticipated construction duration of 2 years
- Occasional full street closures to support construction during late night hours
- Re-routing of pedestrian traffic

Century Bridge Construction (cont.) Traffic Reconfiguration And Work Zone



Century Bridge Construction (cont.)

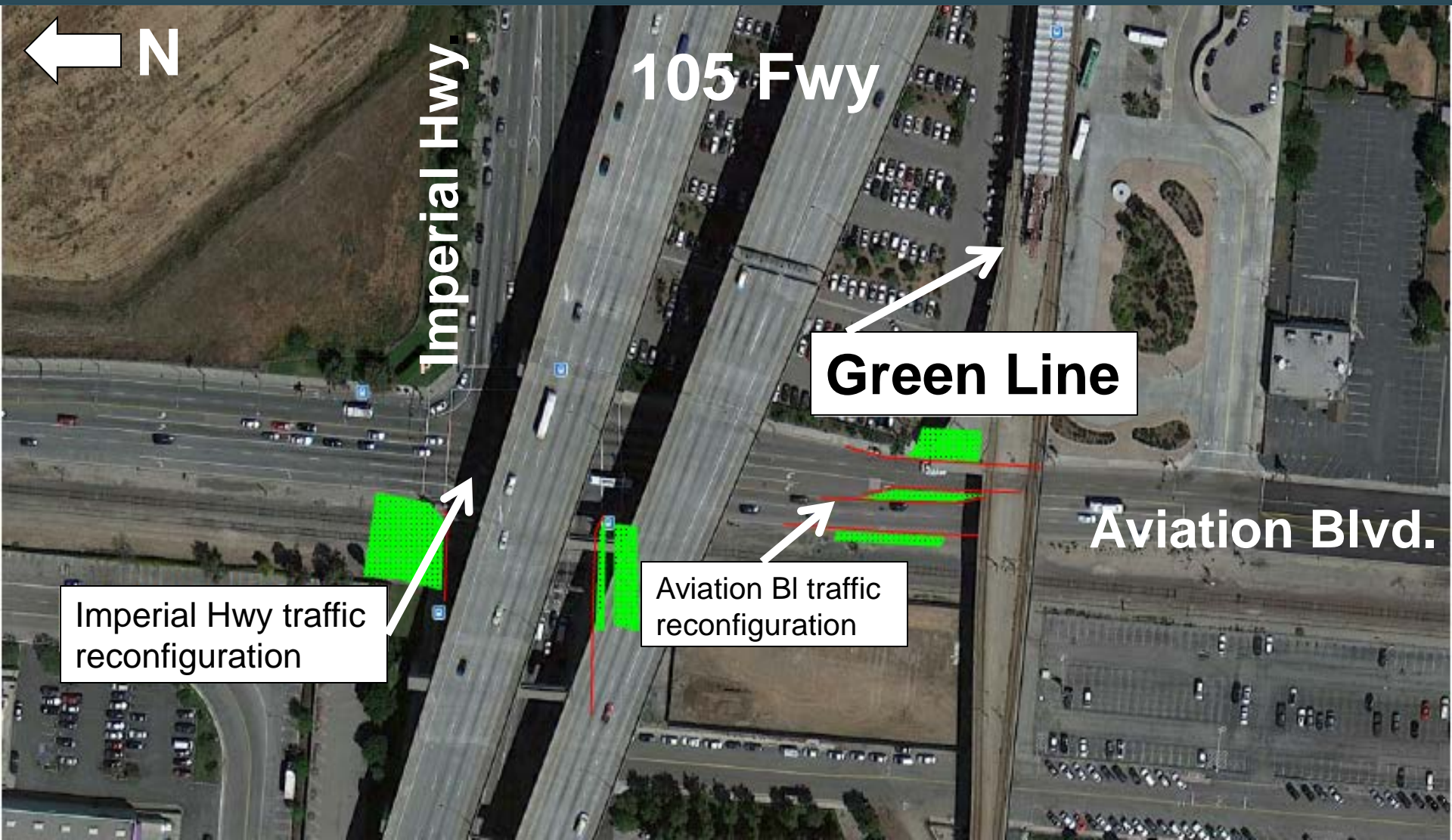
Public Coordination Efforts

- Public outreach and media campaign to be implemented
- Coordination with LAX and other key stakeholders
- Traffic detours and traffic measures to be implemented during the weekend street closure of Century Bl

Green Line Tie-In Construction

- Wye alignment will tie into the Green Line, both east and west directions
- Construction of bridge above Aviation Bl and below Interstate 105 Freeway
- Traffic reconfiguration to support construction of bridge columns and decking of bridge
- Construction anticipated to begin in late summer of 2014
- Anticipated construction duration of 2 years

Green Line Tie-In Construction (cont.) Construction Work Zone

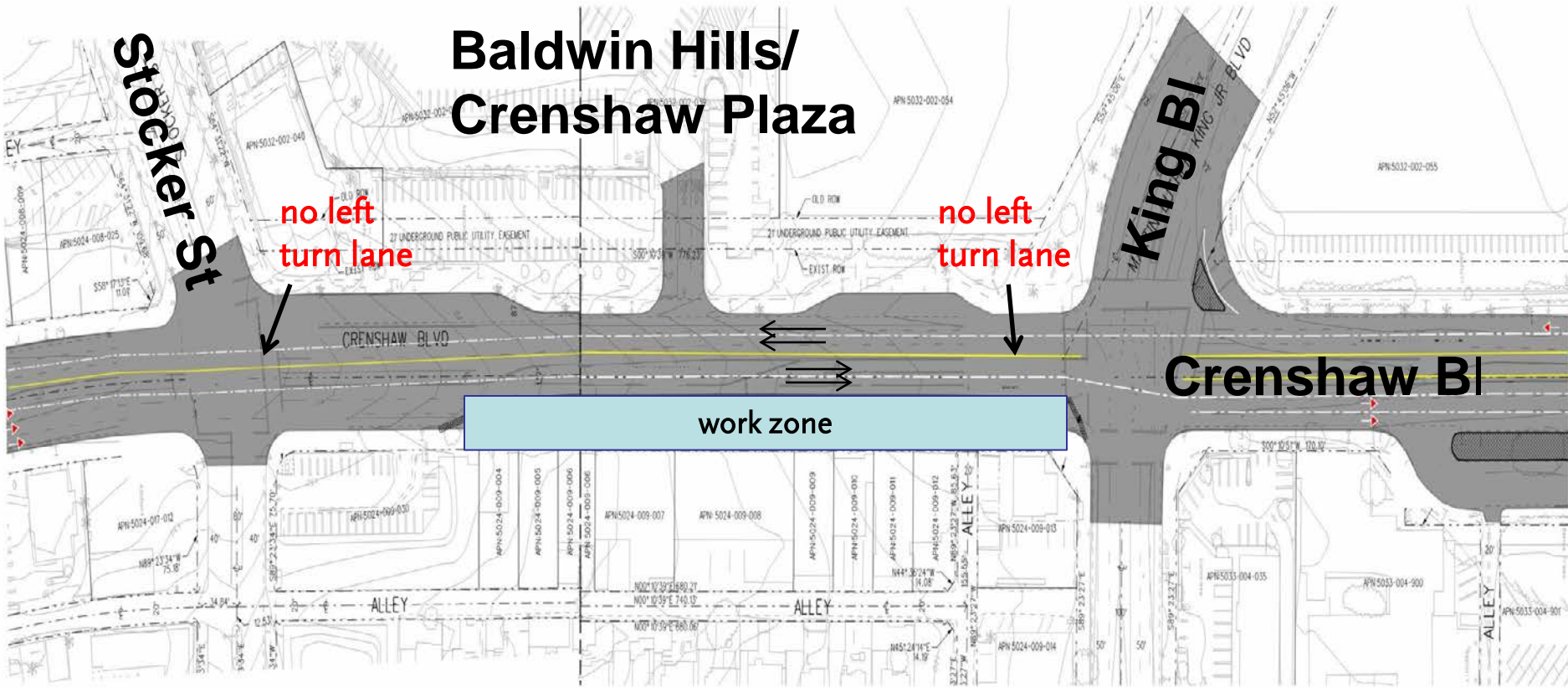


MLK Station Area Construction

- Construction of underground station on Crenshaw Bl between MLK Bl and Stocker St
- Long-term traffic reconfiguration implemented to support construction
- Soldier pile installation anticipated in mid June of 2014
- Street excavation and decking anticipated in the fall of 2014

MLK Station Area Construction (cont.)

Phase I Temporary Traffic Control



MLK Station Area Construction (cont.)

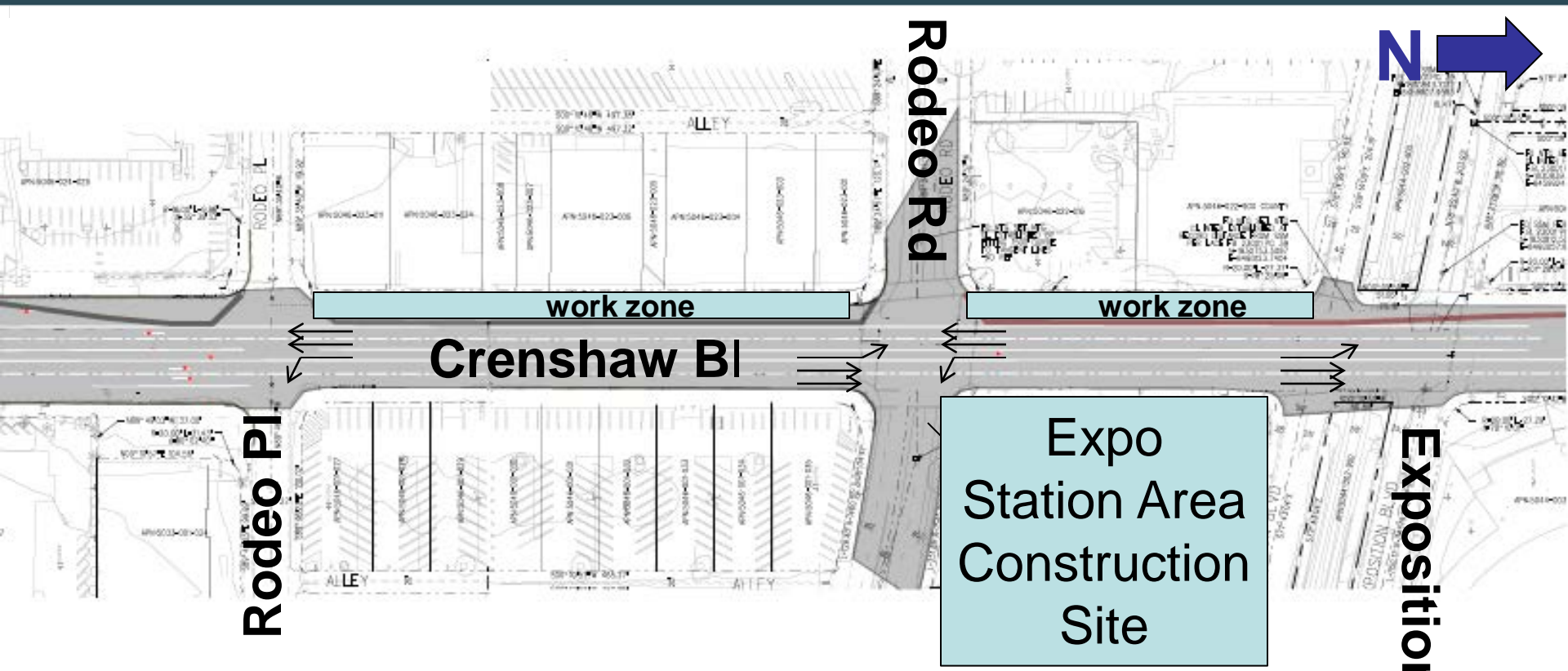
Activity	Anticipated Start Date	Anticipated Duration	Anticipated Impacts
Implementation of Traffic Control	Completed	4 Years	Long –Term Lane Reductions
East-side Pile Installation	Spring, 2014	2 Months	Long –Term Lane Reductions
West-side Pile Installation	Summer, 2014	2 Months	Long –Term Lane Reductions
Utility Relocation/Instrumentation	On-going	Until Summer, 2014	Temporary lane Reductions
Street Excavation and Decking	Fall, 2014	Multiple consecutive days	Full street closure (Proposed)
Underground Station Construction	Fall, 2014	4 years	None

Expo Station Area Construction

- Construction of underground station on Crenshaw Bl between Exposition Bl and Rodeo Pl
- Long-term traffic reconfiguration implemented to support construction
- Soldier pile installation anticipated in early July of 2014
- Street excavation and decking anticipated in the fall of 2014

Expo Station Area Construction (cont.)

Phase I Temporary Traffic Control



Expo Station Area Construction (cont.)

Activity	Anticipated Start Date	Anticipated Duration	Anticipated Impacts
Implementation of Traffic Control	Completed	4 Years	Long –Term Lane Reductions
West-side Pile Installation	Spring, 2014	2 ½ Months	Long –Term Lane Reductions
East-side Pile Installation	Summer, 2014	2 ½ Months	Long –Term Lane Reductions
Utility Relocation/Instrumentation	On-going	Until June, 2015	Temporary lane Reductions
Street Excavation and Decking	Fall, 2014	Multiple consecutive days	Full street closure (Proposed)
Underground Station Construction	Fall, 2014	4 Years	None
Tunneling	Early 2015	1 Year	None

Tunnel Boring Construction

Underground Tunnels:

- From Expo to 43rd Pl
- Earth pressure balance tunnel boring machine (TBM) maintains ground pressure
- Concrete tunnel liners installed as TBM proceeds
- Little surface activity and vibration
- Tunnel boring machine slated to arrive in Fall 2014



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Contact Us:

- > 📞 Telephone: 213-922-2736
- > ✉ Email: crenshawcorridor@metro.net
- > 🌐 Web site: metro.net/crenshaw
- > 📘 Facebook.com/crenshawrail
- > 🐦 Twitter.com/crenshawrail