

Purple Line Extension

Westwood Hills Annual Meeting

November 13, 2019



Agenda

- > Project Overview
- > Westwood/UCLA Station
- > Westwood/ VA Hospital Station
- > Business Interruption Fund
- > Q & A

Purple Line Extension

Project Alignment



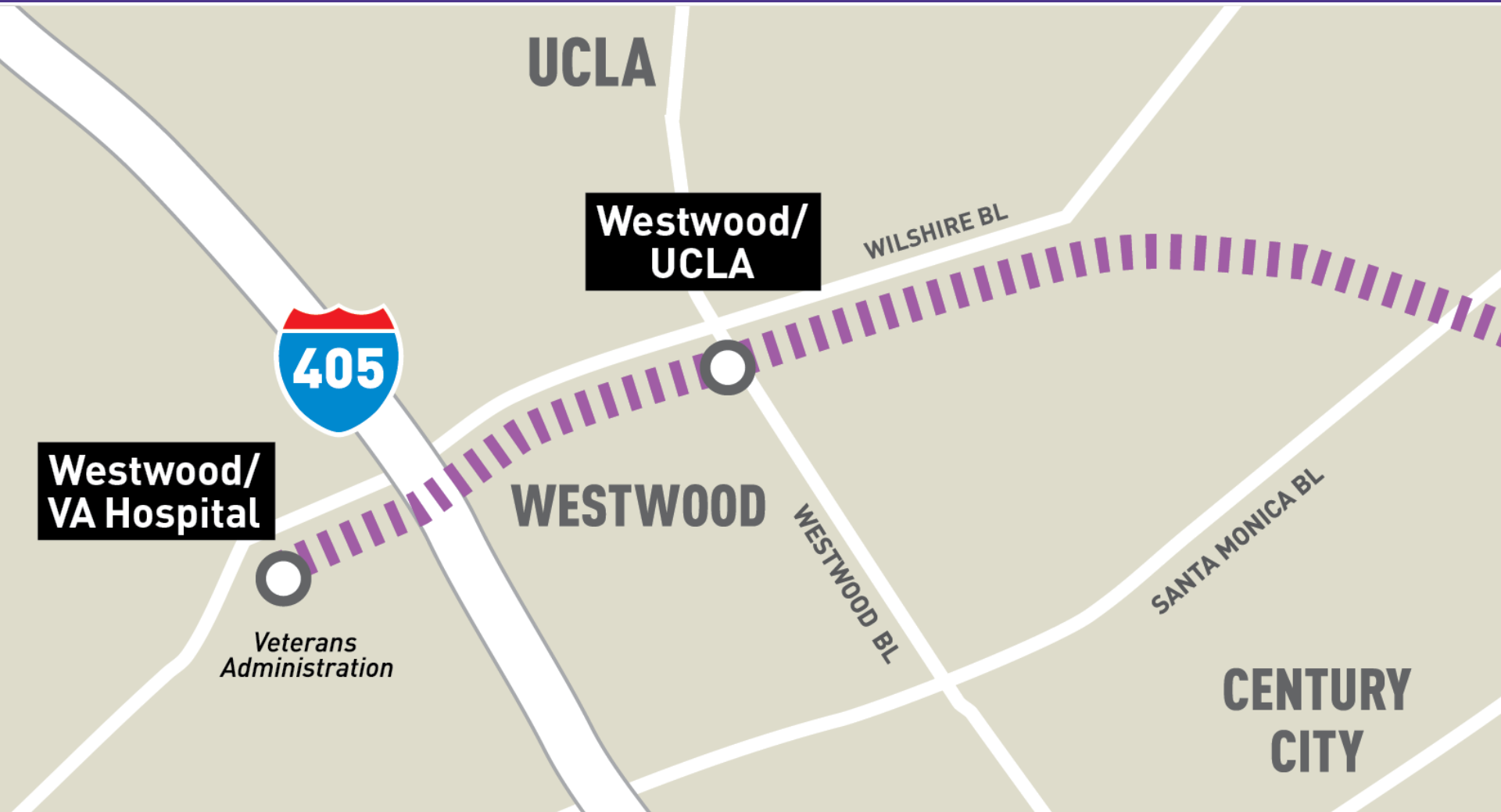
Sections 1, 2 & 3 Status

**Subject to change. The PLE project team is working to deliver the project consistent with Measure M*

	Forecasted Schedule		
Section	Section 1	Section 2	Section 3
Length	3.92 Miles	2.59 Miles	2.56 Miles
New Stations	Wilshire/La Brea Wilshire/Fairfax Wilshire/La Cienega	Wilshire/Rodeo Century City/ Constellation	Westwood/UCLA Westwood/VA Hospital
Pre-Construction Activities	2014 – 2015	2016 – 2018	2018 – 2019
Construction	2015 – 2023	2018 – 2025	2019 – 2027
Operations	2023	2025	2027

Purple Line Extension

Section 3 Alignment



Section 3 Tentative Schedule

**Dates are preliminary and subject to change*

Summary of Activity	Construction Year							
	2019	2020	2021	2022	2023	2024	2025	2026
TBM Launch Box Piling / Excavation at Western VA Staging Area								
Tunneling								
Cross Passages								
Station Construction								
Systems Installation and Facilities								
Station Backfill and Street Restoration								
System Integration & Testing								



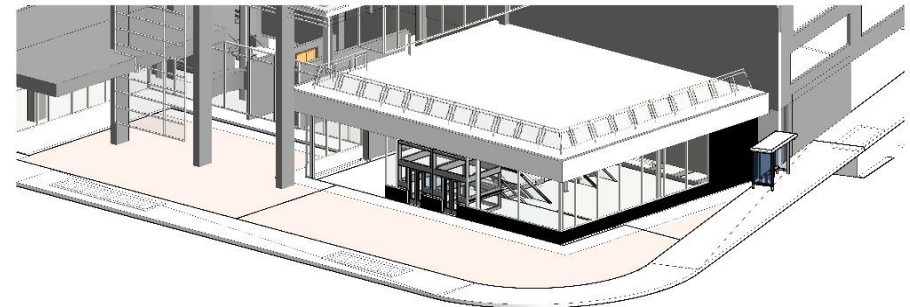
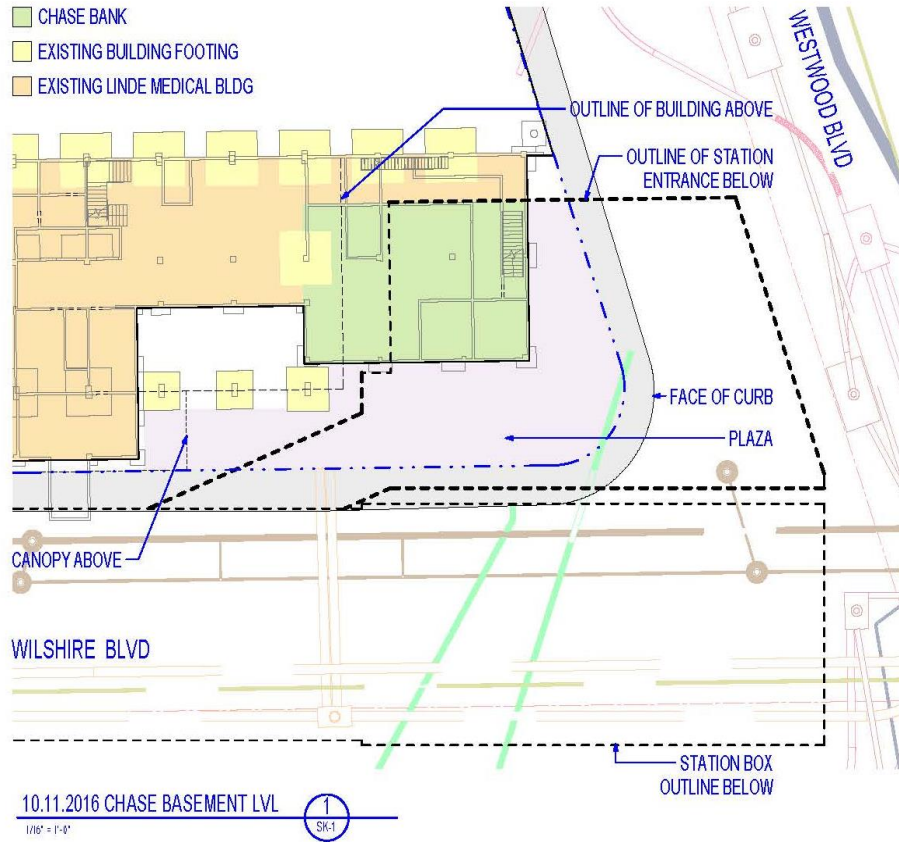
Westwood/UCLA

Station Rendering

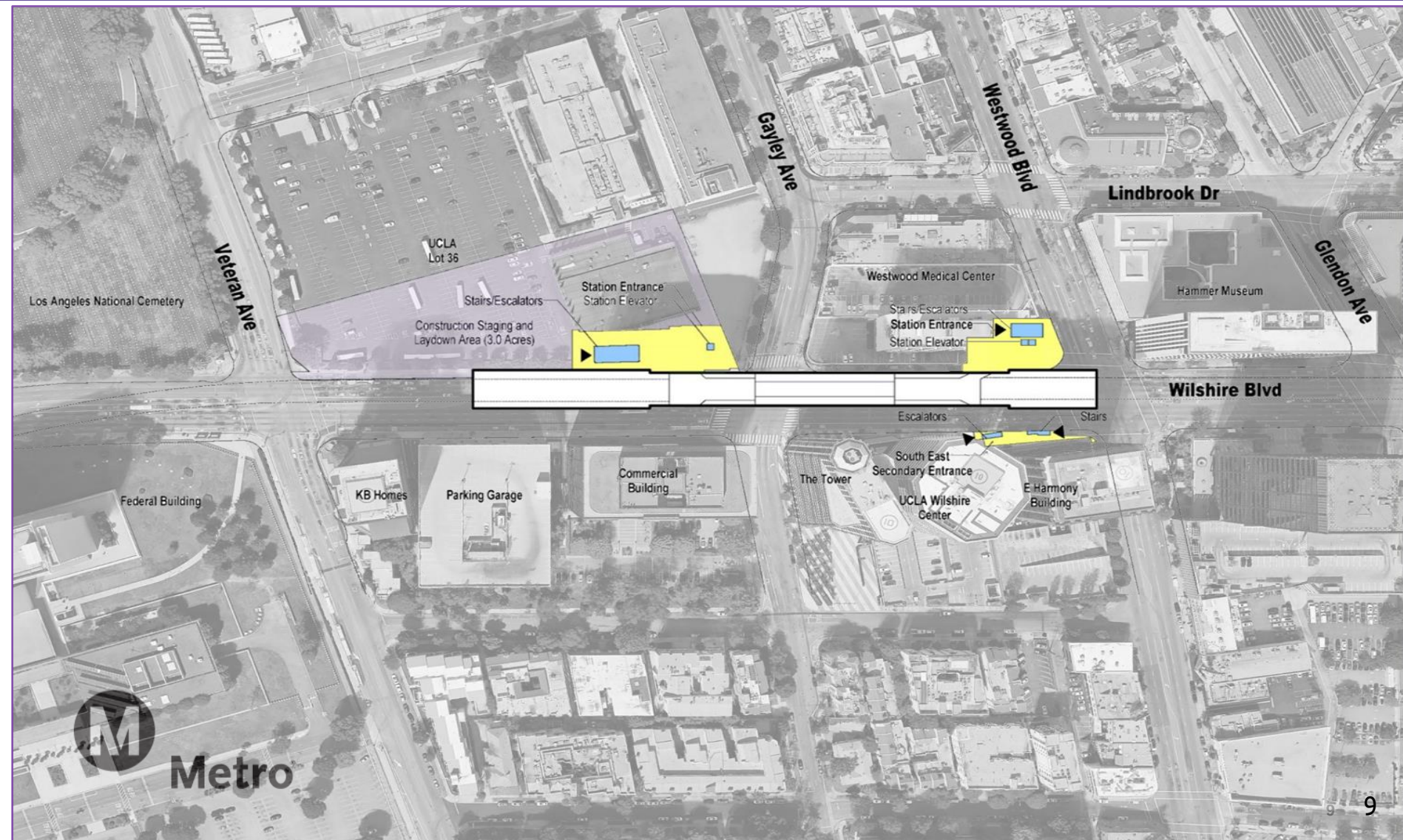


Northeast Full Entrance

Chase Bank



Westwood/UCLA Station Outline



Westwood/UCLA

Schedule – Key Dates*

**Dates are approximate and subject to change.*

Activity	Forecast Start	Forecast Finish
Advance Utility Relocation (AUR)	Spring 2018	Spring 2020
End-wall piling at UCLA Station	Summer 2020	Fall 2020
City sewer/storm drain relocation	Fall 2020	Spring 2021
Station piling and decking	Spring 2021	Spring 2022

Advanced Utility Relocation (AUR)

Wilshire Bl/ Gayley Av



**More AUR details in Section 3 Appendix*

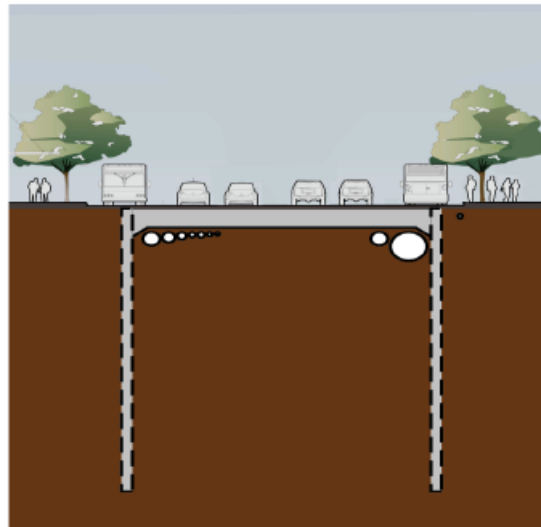
Subsurface Investigations

Geotechnical Investigations

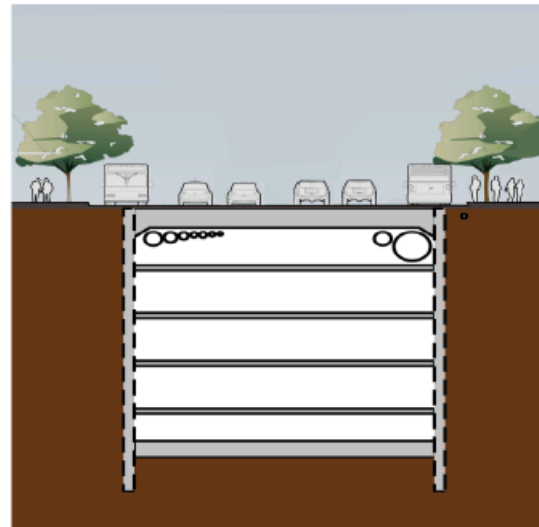


- > **Summer 2019:** Investigated soil conditions at 25 locations along the future tunnels.
- > **Fall 2019:** Investigating soil conditions at 25 locations around the future stations.
- > Work hours vary based on location
- > Each site requires 3 to 5 days of work

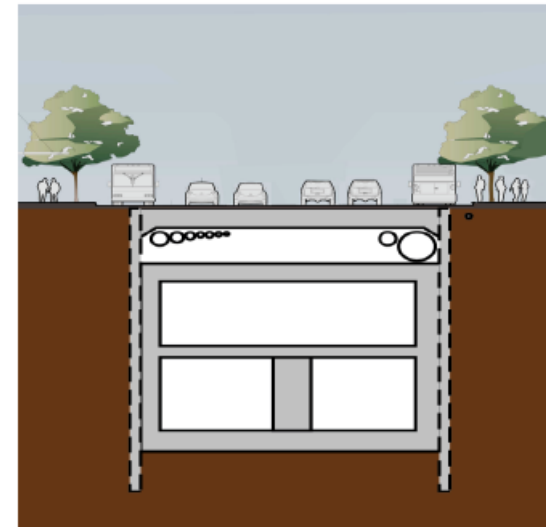
Station Construction Overview



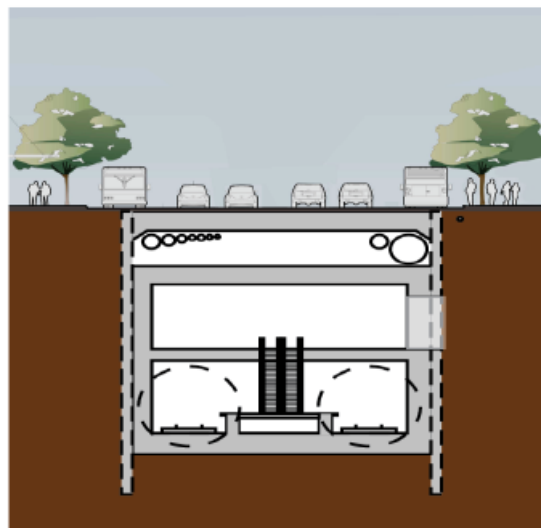
Install Piles and Decking



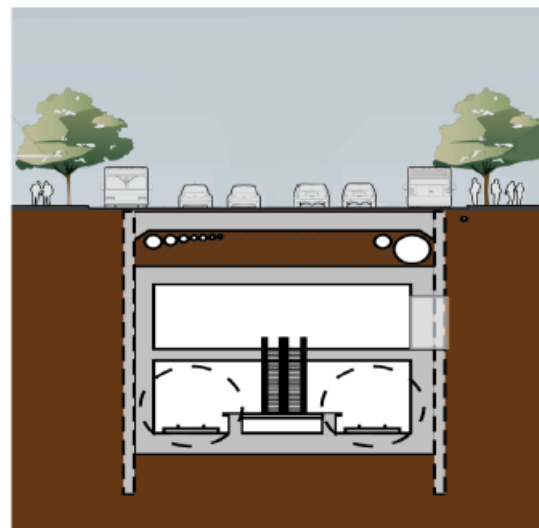
Excavate and Install Supports
(from beneath decking)



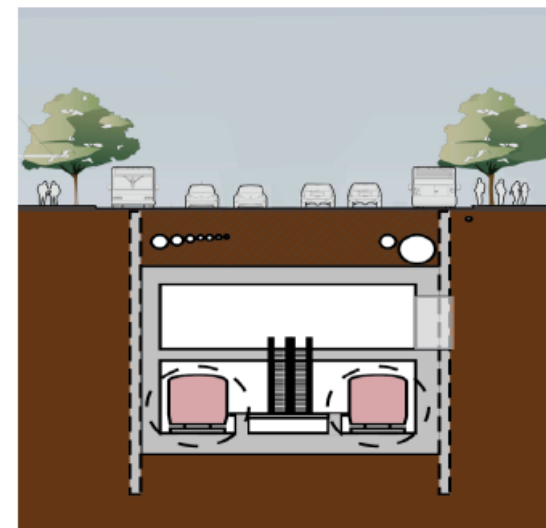
Construct Station Box



Complete Station Box



Backfill Above Structure



Remove Decking and
Restore Street

Piling Example

Temporary Work Zones



*Comparable work zone formerly at
Wilshire/La Brea*

Rendering of work zone showing pile installation

Piling Example

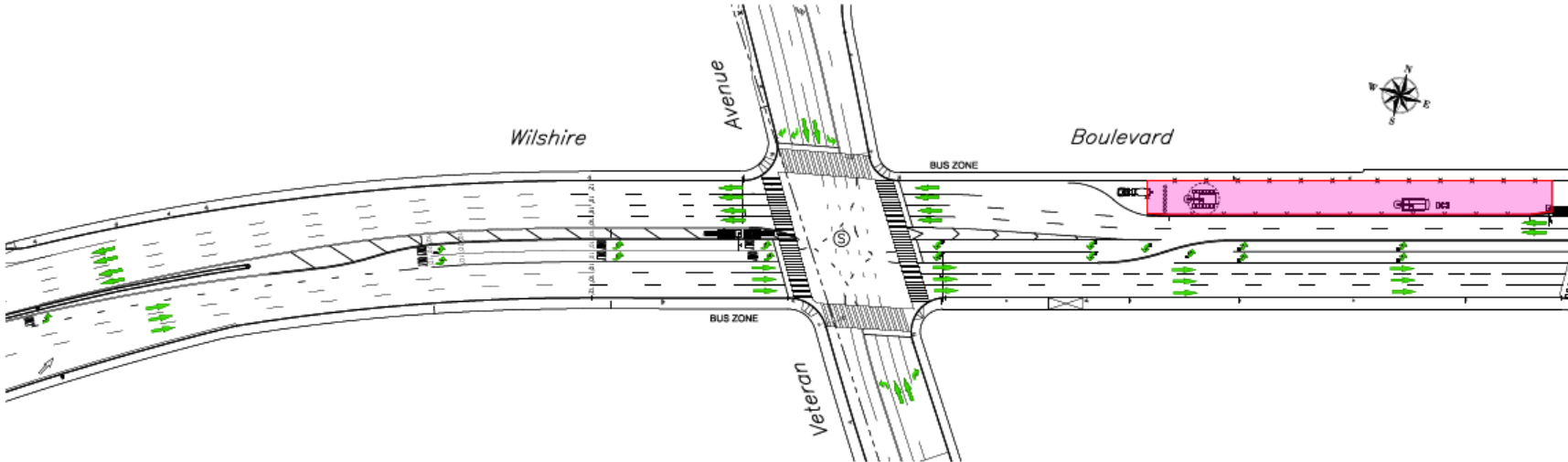
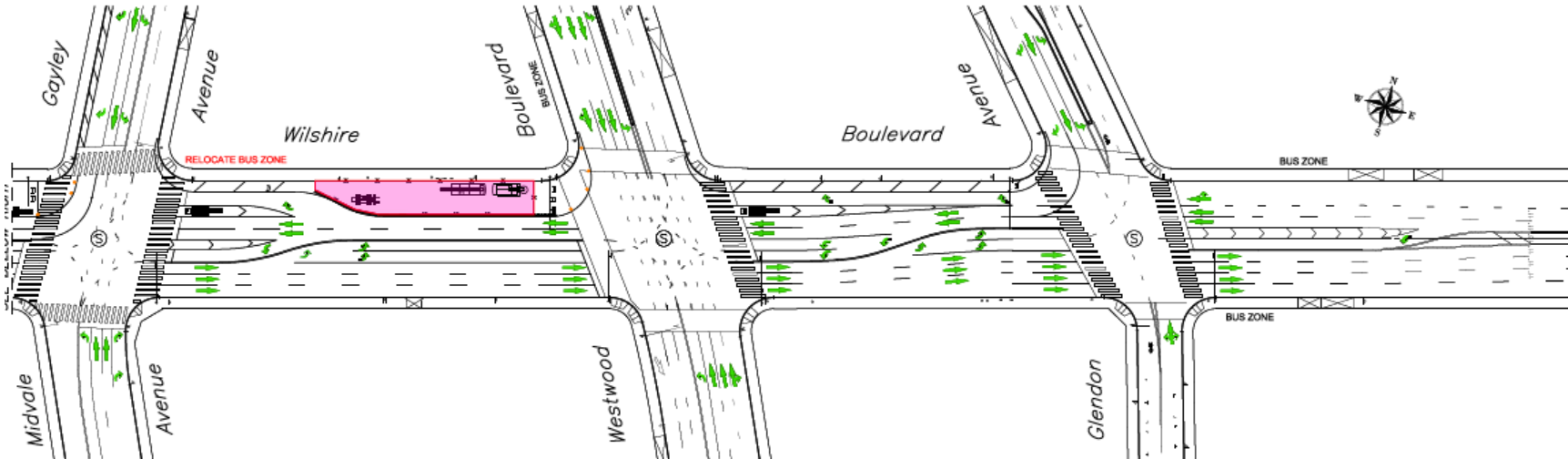
Temporary Work Zones



Example of construction area with piling set-up on the south side of Wilshire Bl in Beverly Hills.

End-Wall Piling Phase 1

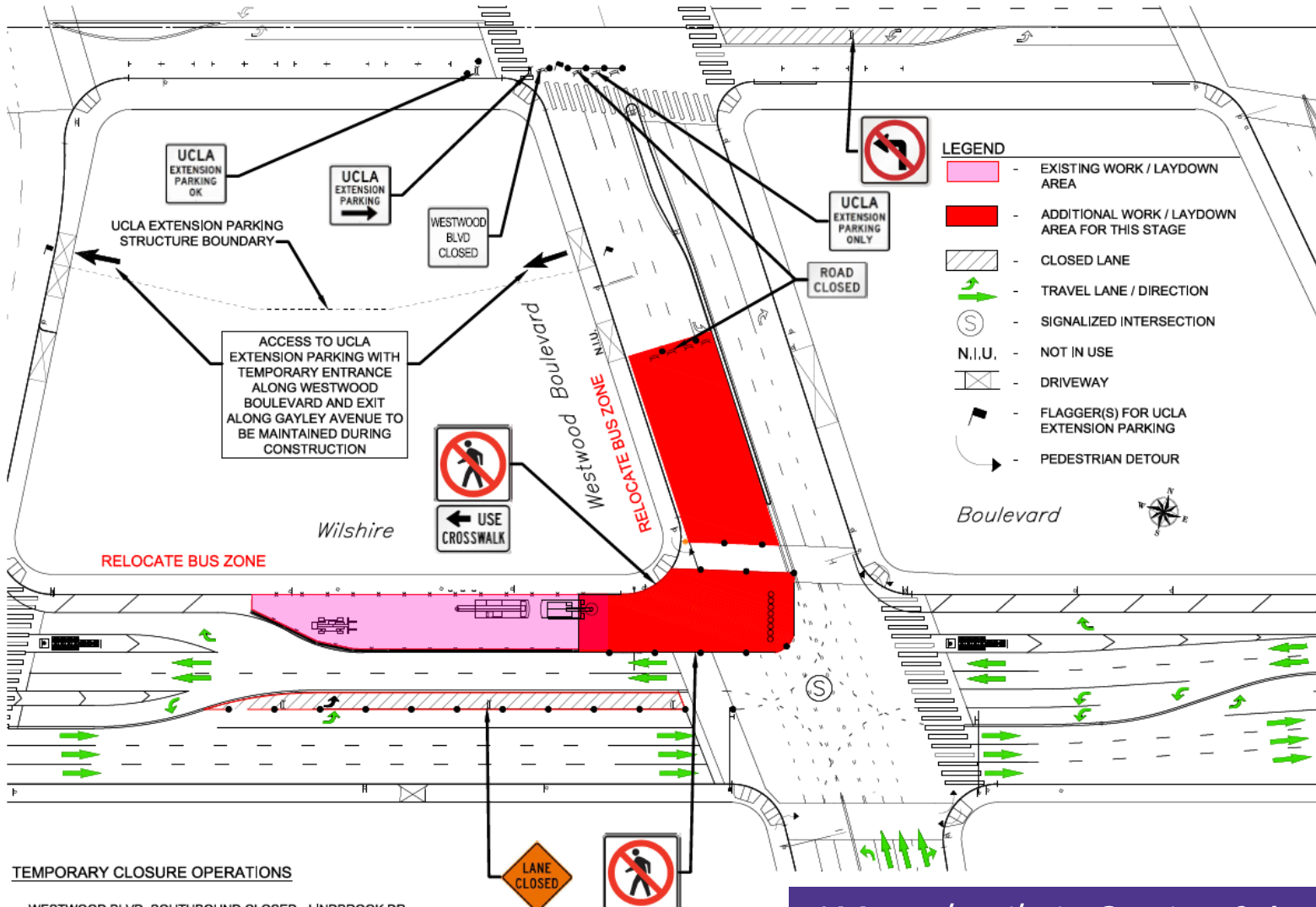
24/7



LEGEND
[Pink Box] - WORK / LAYDOWN AREA

End-Wall Piling Phase 2

Fri–Mon 9pm–6am (through weekend), Mon–Thurs 9pm–6am (nightly)



TEMPORARY CLOSURE OPERATIONS

**More details in Section 3 Appendix*

Westwood/VA Hospital

Current Station Rendering



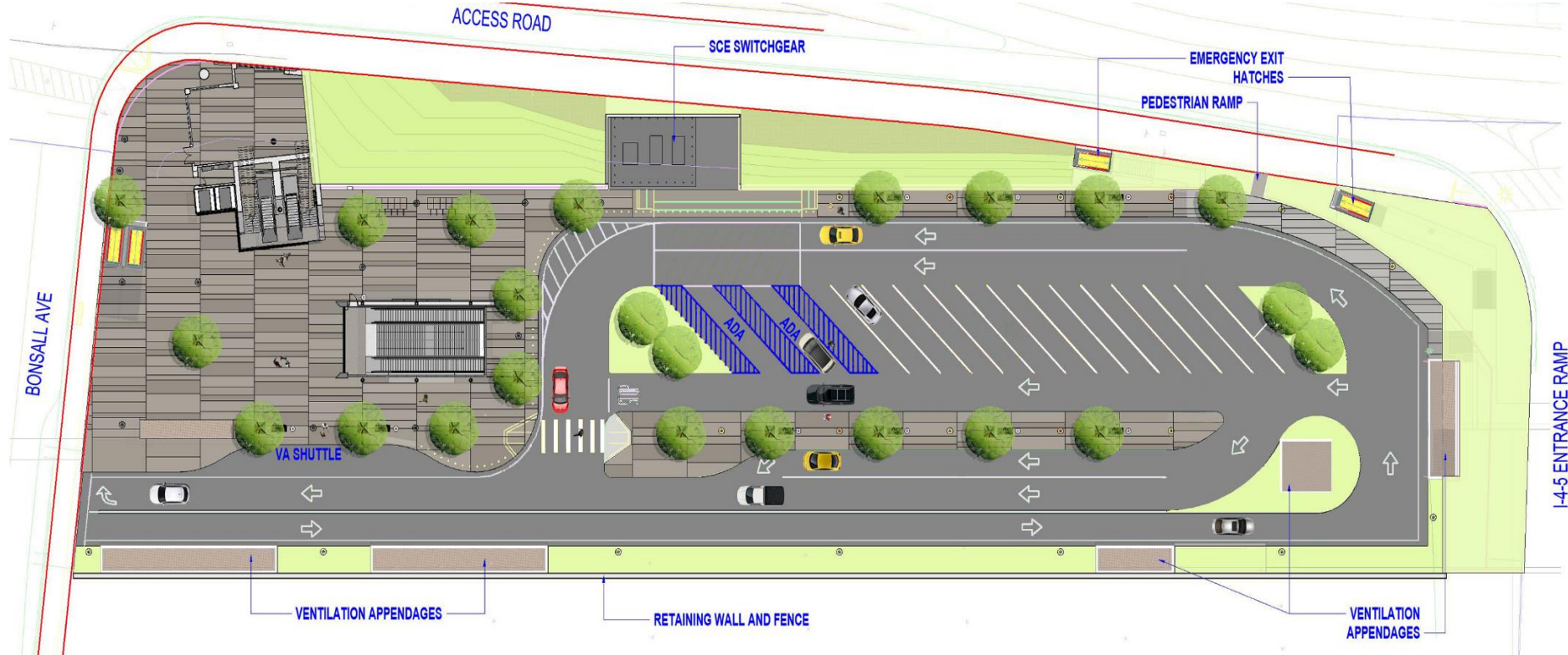
3-D Rendering Westwood/VA Station

View from Bonsall Ave - North to South



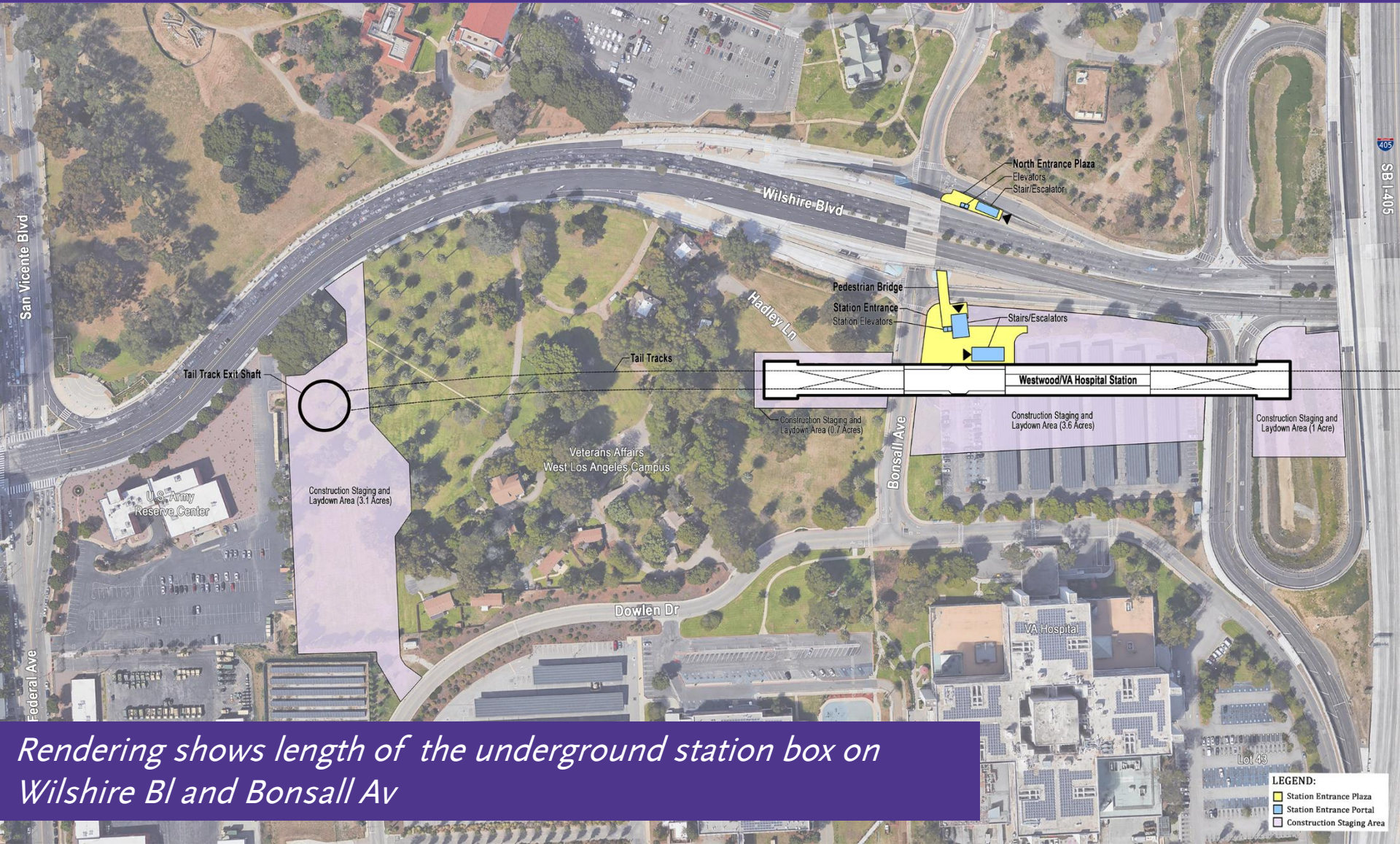
Passenger Pick-up/Drop-off

Current Design



- > Short term passenger drop-off and pick up (15-30 minutes max)
- > Designed to minimize traffic congestion while maintaining pedestrian and commuter access

Westwood/VA Hospital Station Box



Rendering shows length of the underground station box on Wilshire Bl and Bonsall Av

LEGEND:

Station Entrance Plaza

Station Entrance Portal

Construction Staging Area

Westwood/VA Hospital

Schedule of upcoming work

**Dates are approximate and subject to change.*

Activity	Forecast Start	Forecast Finish
Subsurface Geotechnical Investigations	Summer 2019	Fall 2019
Preconstruction Survey/ Monitoring	Summer 2019	Winter 2022
SCE Duct bank on Federal Av	Fall 2019	Spring 2020
SCE Duct bank on Wilshire Bl	Fall 2019	Spring 2020
SCE Duct bank on Ohio Av	Fall 2019	Spring 2020
Construction Staging Yard	Fall 2019	Winter 2019

Station/TBM Power Connection

SCE Underground Electrical Work

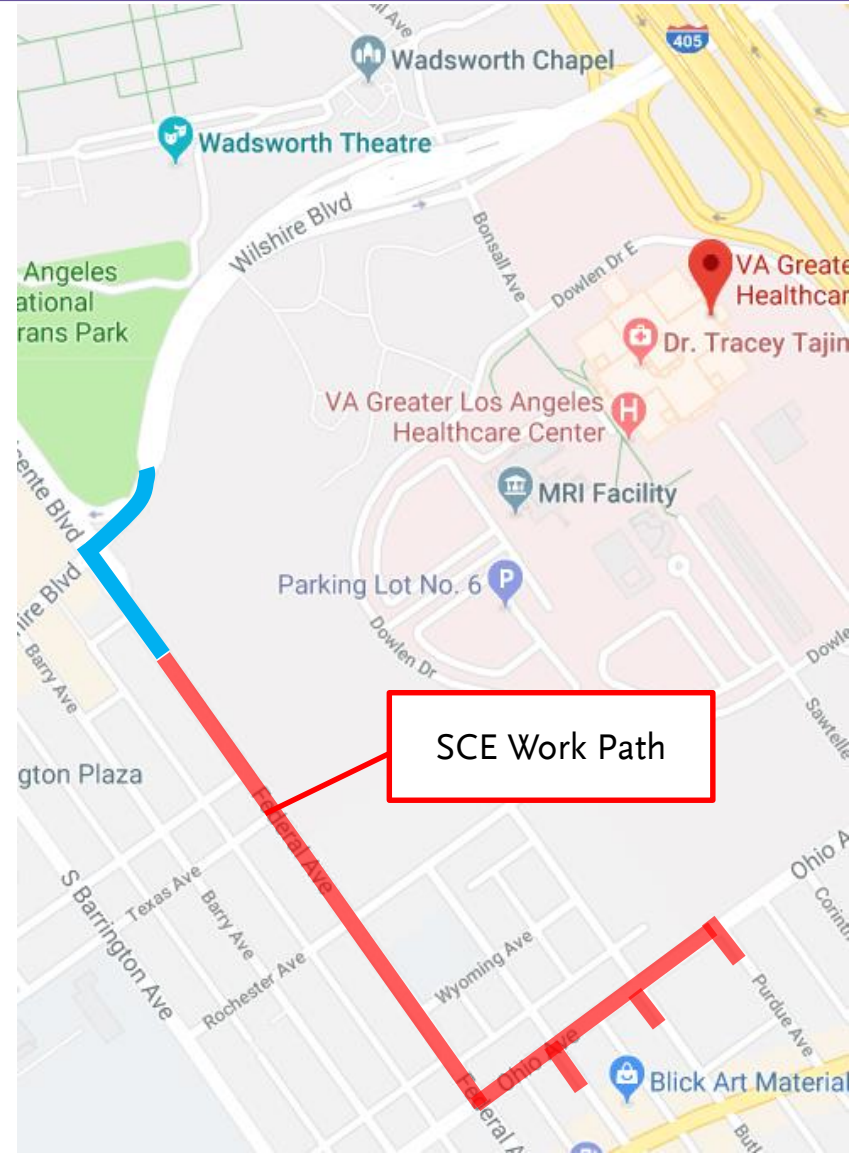
- > Intermittent parking restrictions and traffic detours expected with turn restrictions
- > Potential for two stages to occur simultaneously
- > Upgrade will provide power necessary for construction and tunneling activities and operations of the future Westwood/VA Hospital Station

Monday - Friday

- > Ohio Av/Federal Av: 6am to 4pm
- > Wilshire Bl/Federal Av: 9pm to 6am

Saturday - Sunday

- > Ohio Av/Federal Av: 8am to 9pm
- > Wilshire Bl/Federal Av: 9pm to 6am



Station/TBM Power Connection

SCE Underground Electrical Work

- > LA County approved work hours: 9pm to 6am, weeknights only



Station/TBM Power Connection

SCE Underground Electrical Work



Metro Business Interruption Fund

Helping local businesses as we build.
Purple Line Extension Update



BIF Information and Eligibility

- > Financial assistance to small “mom and pop” businesses with 25 or fewer full-time employees directly impacted by Metro Rail construction along three project areas
- > Businesses must be located immediately adjacent to the rail corridor and meet other eligibility requirements
- > Grant amount determined by loss of business revenue related to period of construction disruption
- > Businesses are eligible for up to \$50,000 per impact year



BIF Information and Eligibility

- > To date, 1,006 grants have been awarded with a total value of more than \$24.4 million along all three project areas:
 - > Crenshaw/LAX Transit Project
 - > Regional Connector, Little Tokyo area and 2nd/Broadway segment*
 - > Purple Line Extension Section 1 and Section 2
- > February 2019 Metro's Board of Directors authorized the expansion of the BIF to Section 3 of the Purple Line Extension



*Segment eligibility based on full street closure with duration greater than six continuous months.

Lunch with Us: Public Webinar

Sections 1, 2, and 3

Sections 1, 2 and 3

Wednesday, January 8, 2020

12pm – 1pm

Link to the online meeting: [Webex](#)

Access Code: 802 297 327 | Password: Purple

Join by phone: 1-650-479-3207 (toll-free)

Next Community Meeting

Section 3

Section 3: Construction Community Meeting

Thursday, March 19, 2020

6:30pm – 8pm

Belmont Village Senior Living

10475 Wilshire Bl

Los Angeles, CA 90024

Free on-site parking available

Stay in Touch



213.922.6934



purplelineext@metro.net



metro.net/purplelineext



@purplelineext



facebook.com/purplelineext



Metro



Section 3 Appendix



Advanced Utility Relocation (AUR)

> Utility relocation

- > Clear the way for station construction
- > Telecom, gas, water, electricity, sewer
- > Ensure continued utility service
- > Spring 2018 – Spring 2020
- > **Permitted Work Hours:**
 - > Monday-Friday: 9pm – 6am and 9am – 3:30pm
 - > Weekend Work: Friday, 9pm – Monday, 6am

> Typical process:

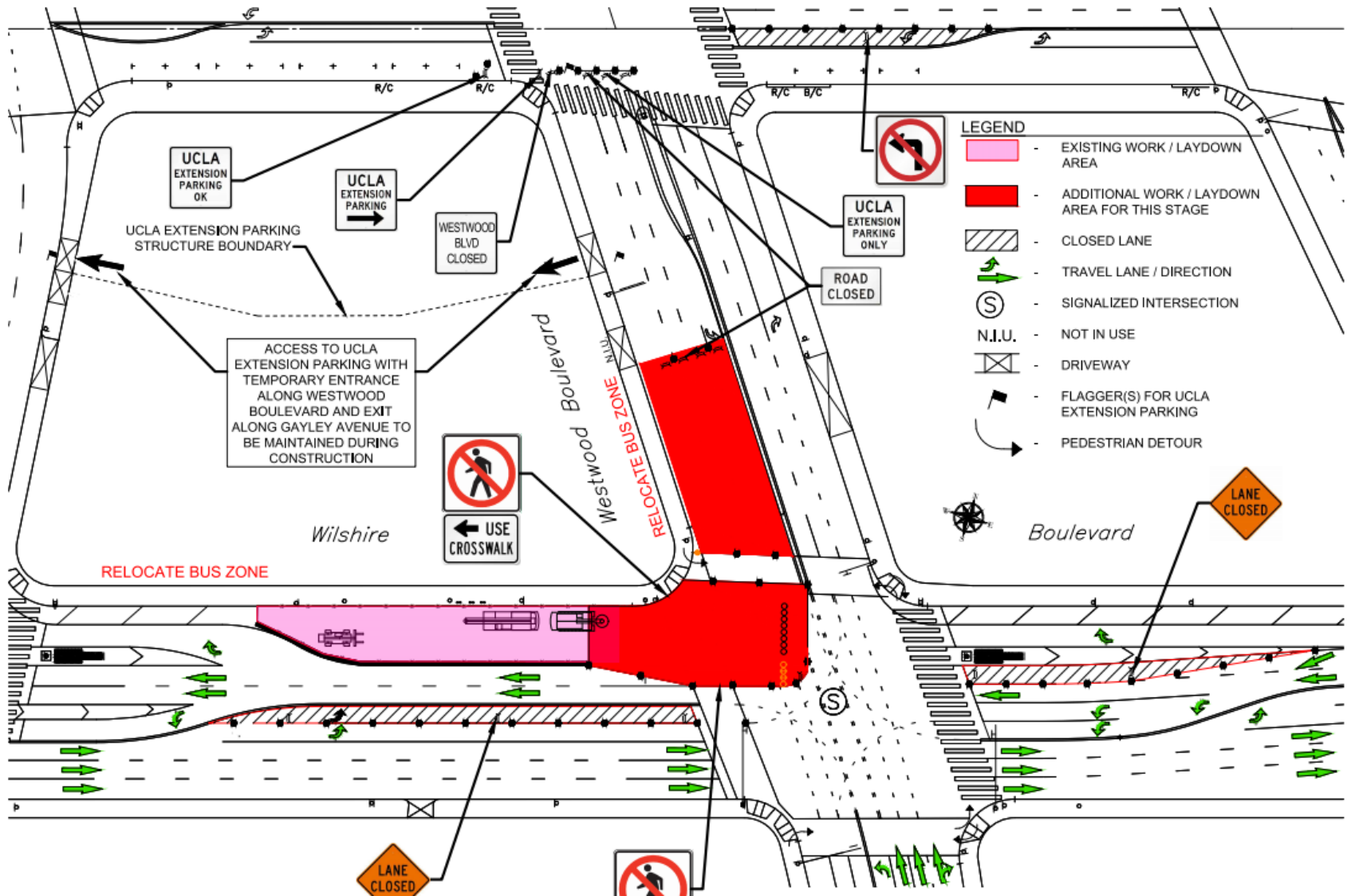
- > Hours and traffic plans approved by City of Los Angeles
- > Maintain at least one lane of traffic in each direction on Wilshire Bl
- > Truck/crew leave and lanes reopen at the end of each work period
- > Noisiest activities include saw-cutting and jack-hammering



Metro

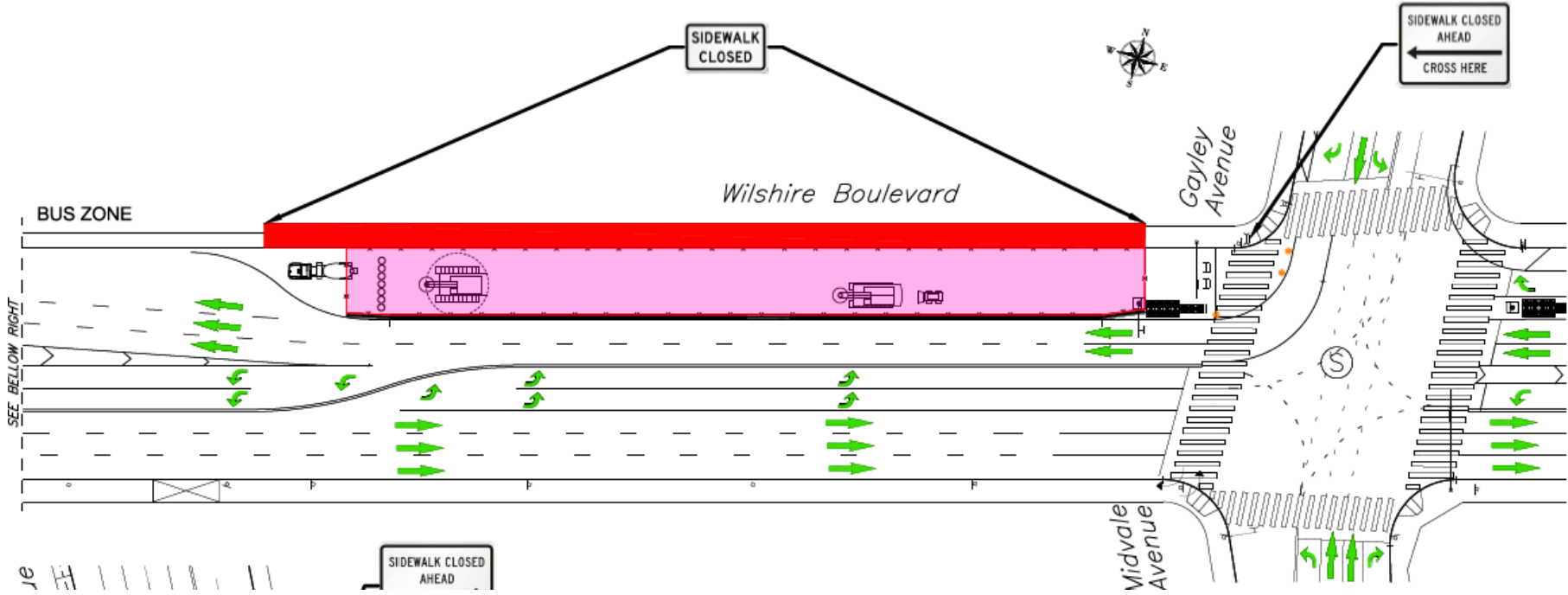
End-Wall Piling Phase 3

Fri–Mon 9pm–6am (through weekend), Mon–Thurs 9pm–6am (nightly)



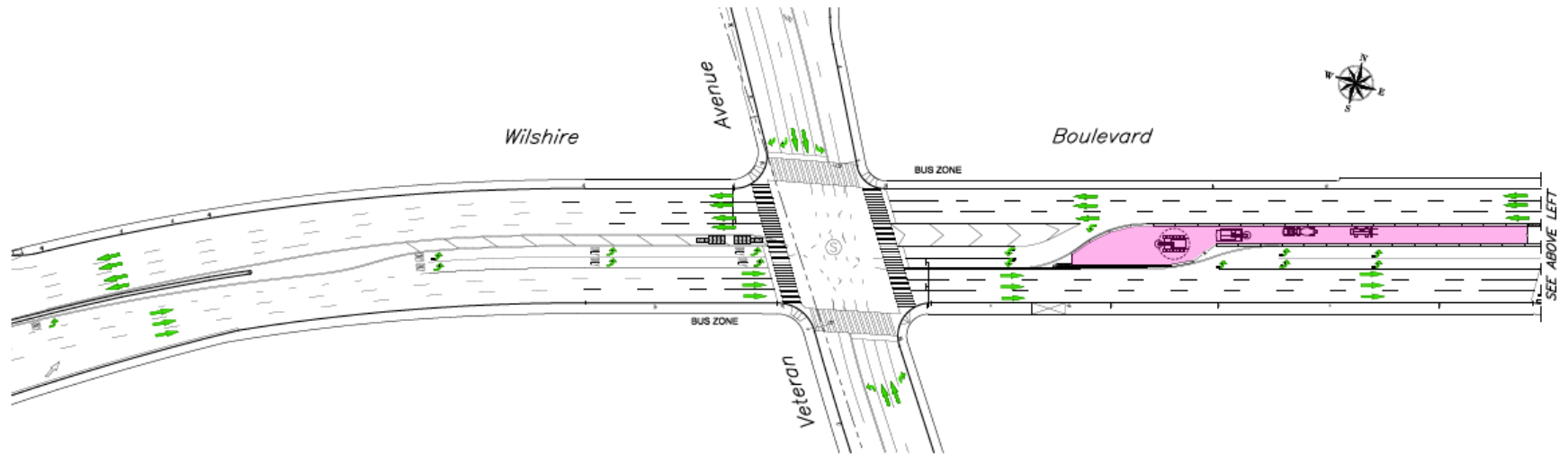
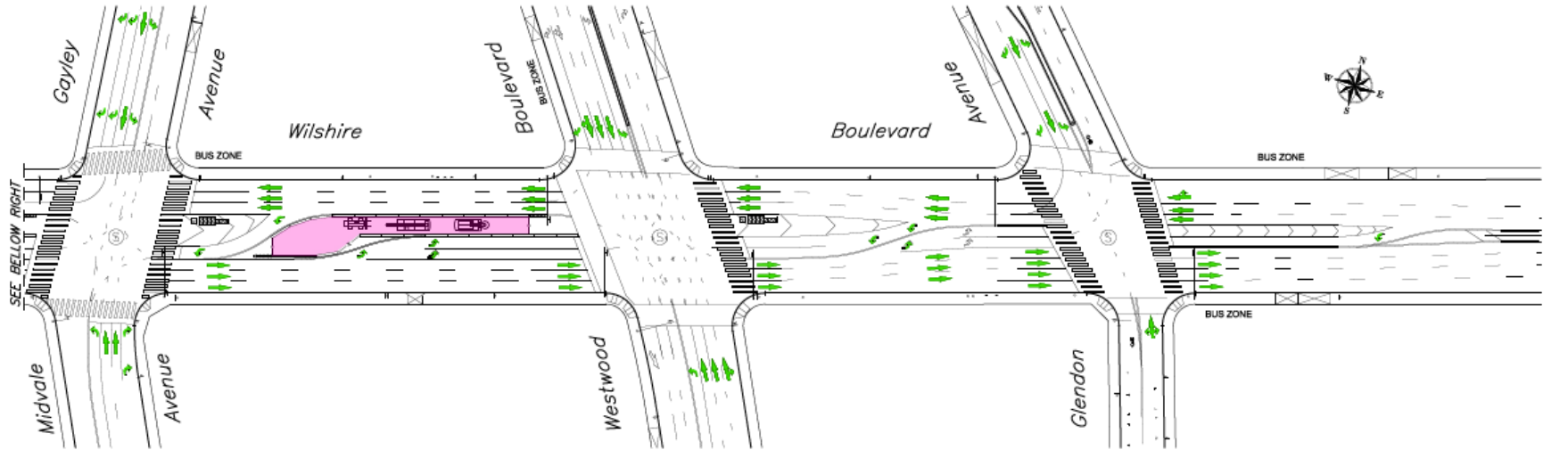
End-Wall Piling Phase 4

24/7



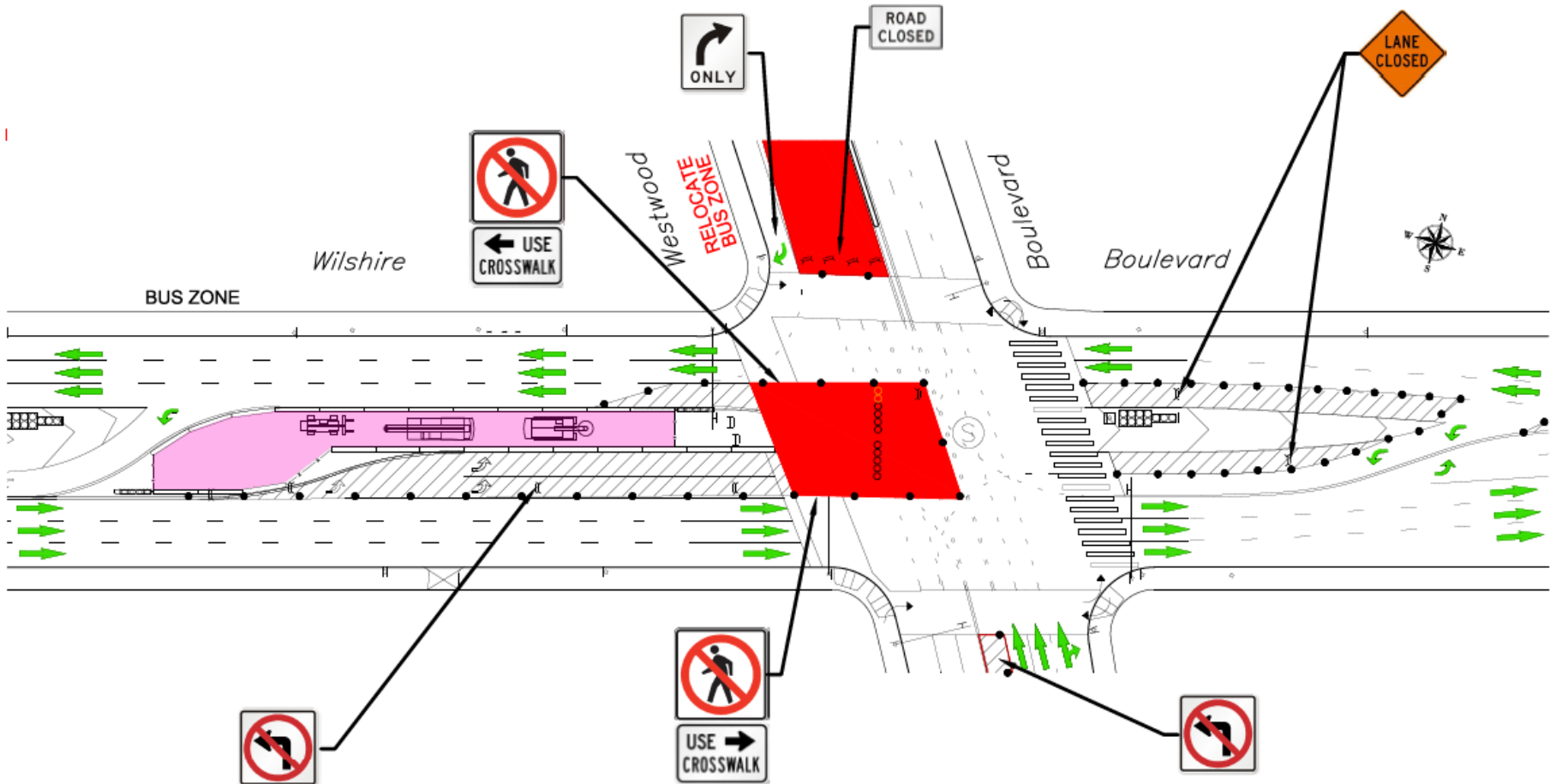
End-Wall Piling Phase 5

24/7



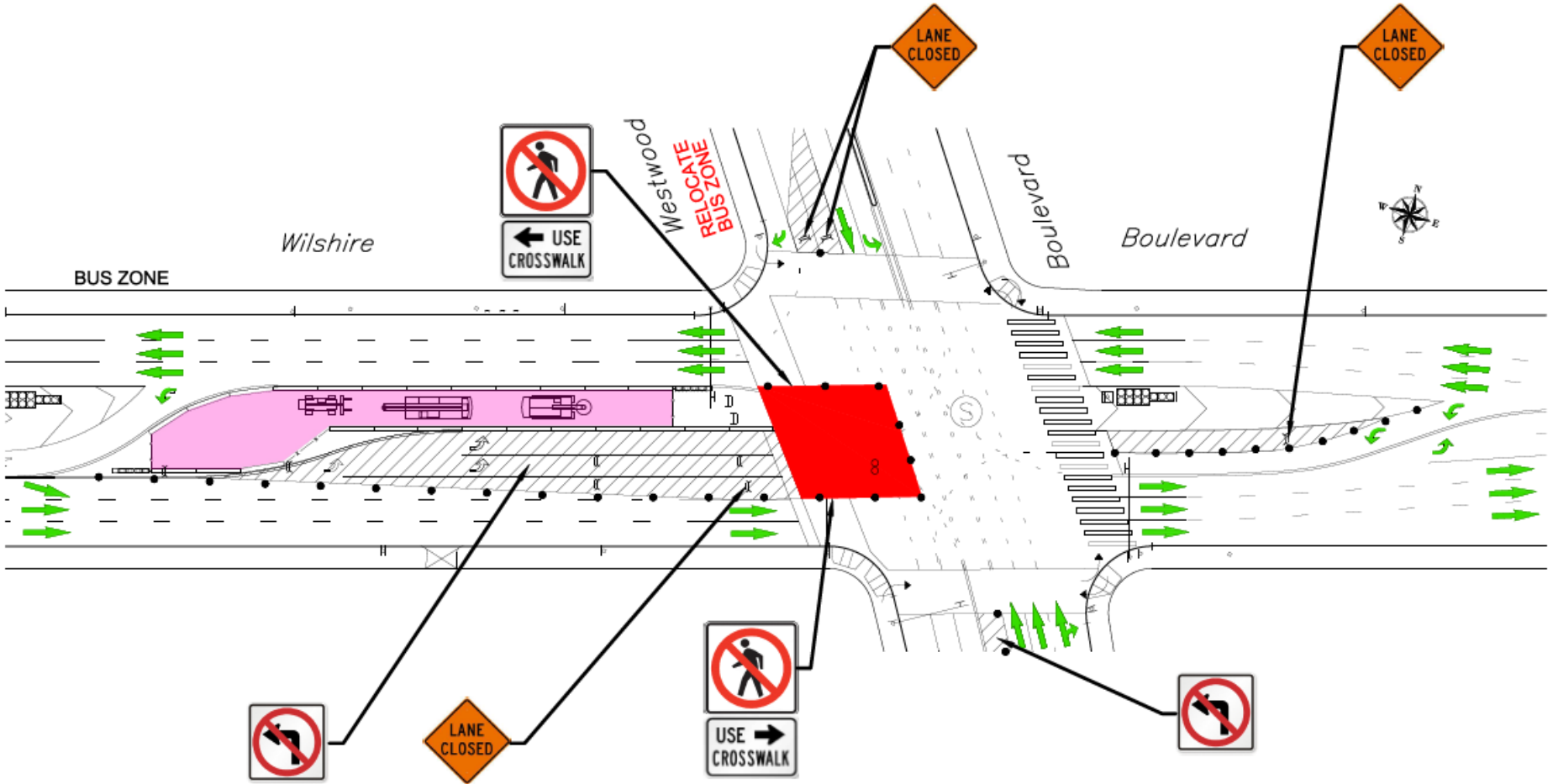
End-Wall Piling Phase 6

Fri–Mon 9pm–6am (through weekend), Mon–Thurs 9pm–6am (nightly)



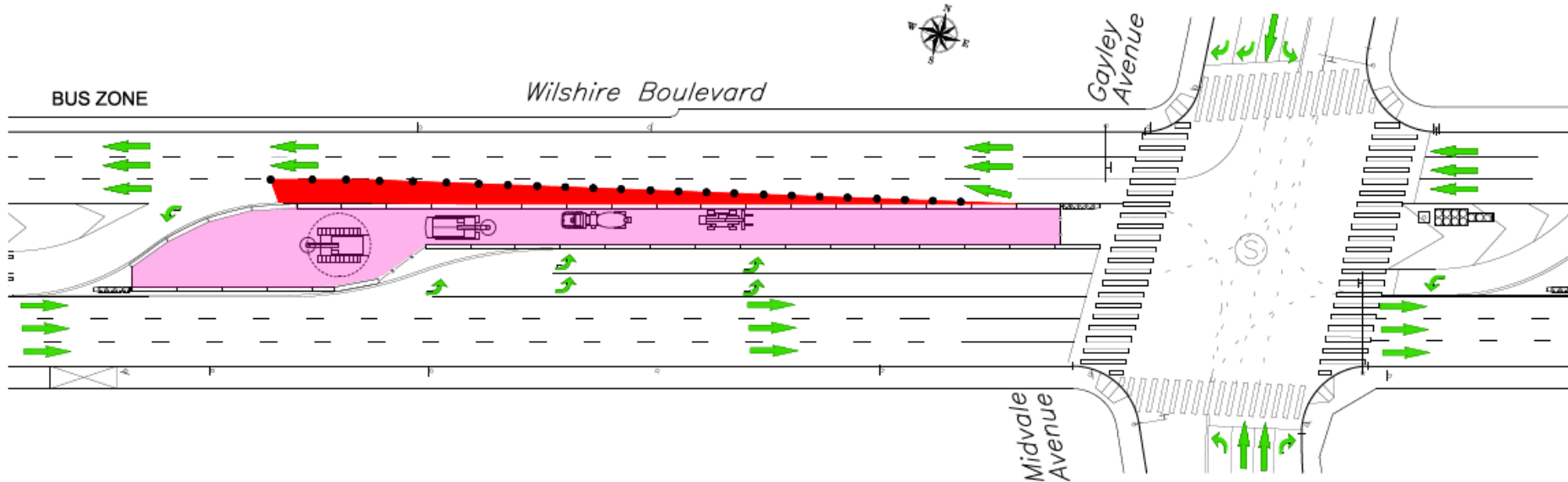
End-Wall Piling Phase 7

Fri–Mon 9pm–6am (through weekend), Mon–Thurs 9pm–6am (nightly)



End-Wall Piling Phase 8

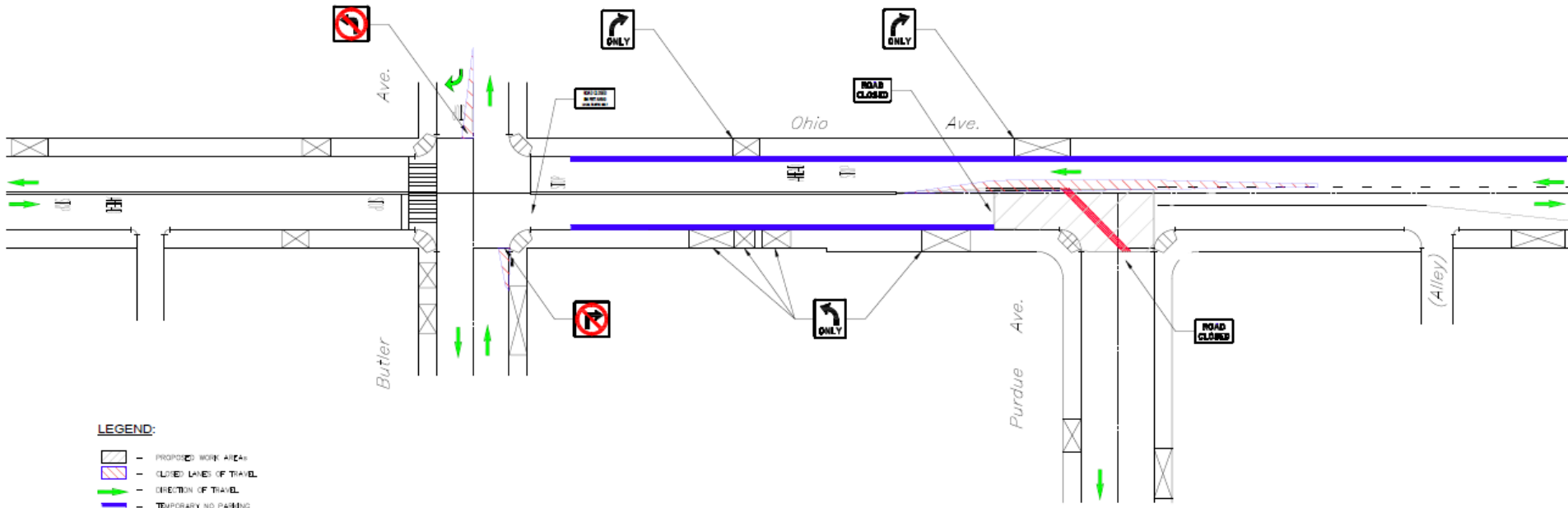
Fri–Mon 9pm–6am (through weekend)



Upcoming SCE Underground Electrical Work

Mon – Fri 6am – 4pm, Sat – Sun 8am – 9pm

DRAFT



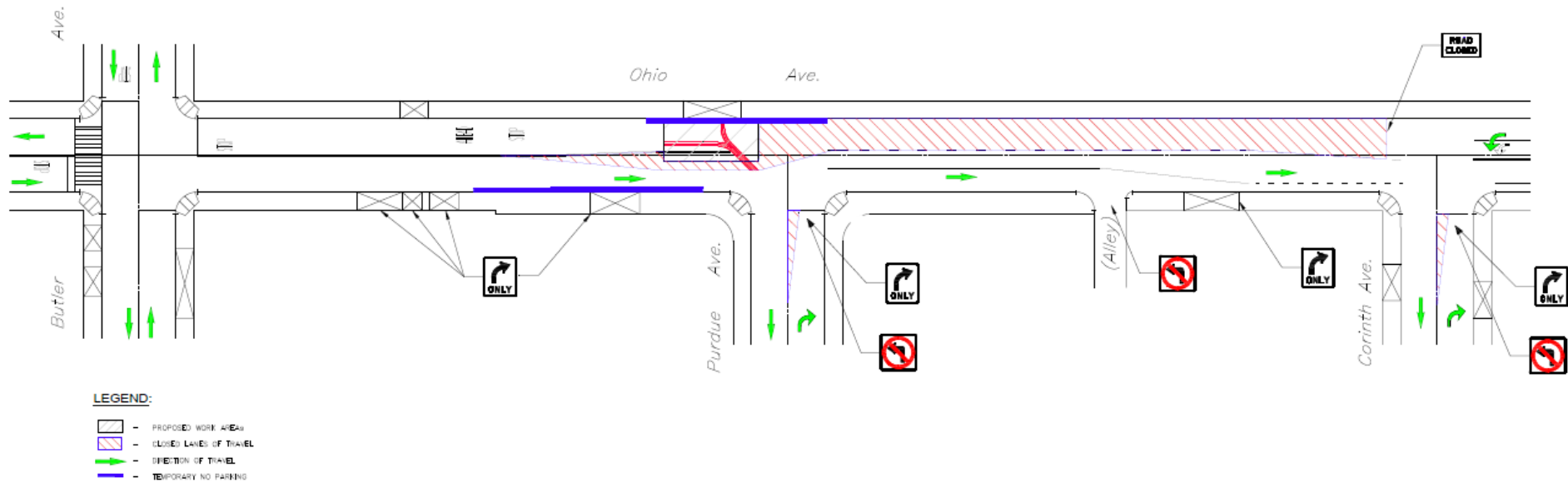
LEGEND:

- PROPOSED WORK AREAS
- CLOSED LANES OF TRAVEL
- DIRECTION OF TRAVEL
- TEMPORARY NO PARKING

Upcoming SCE Underground Electrical Work

Mon – Fri 6am – 4pm, Sat – Sun 8am – 9pm

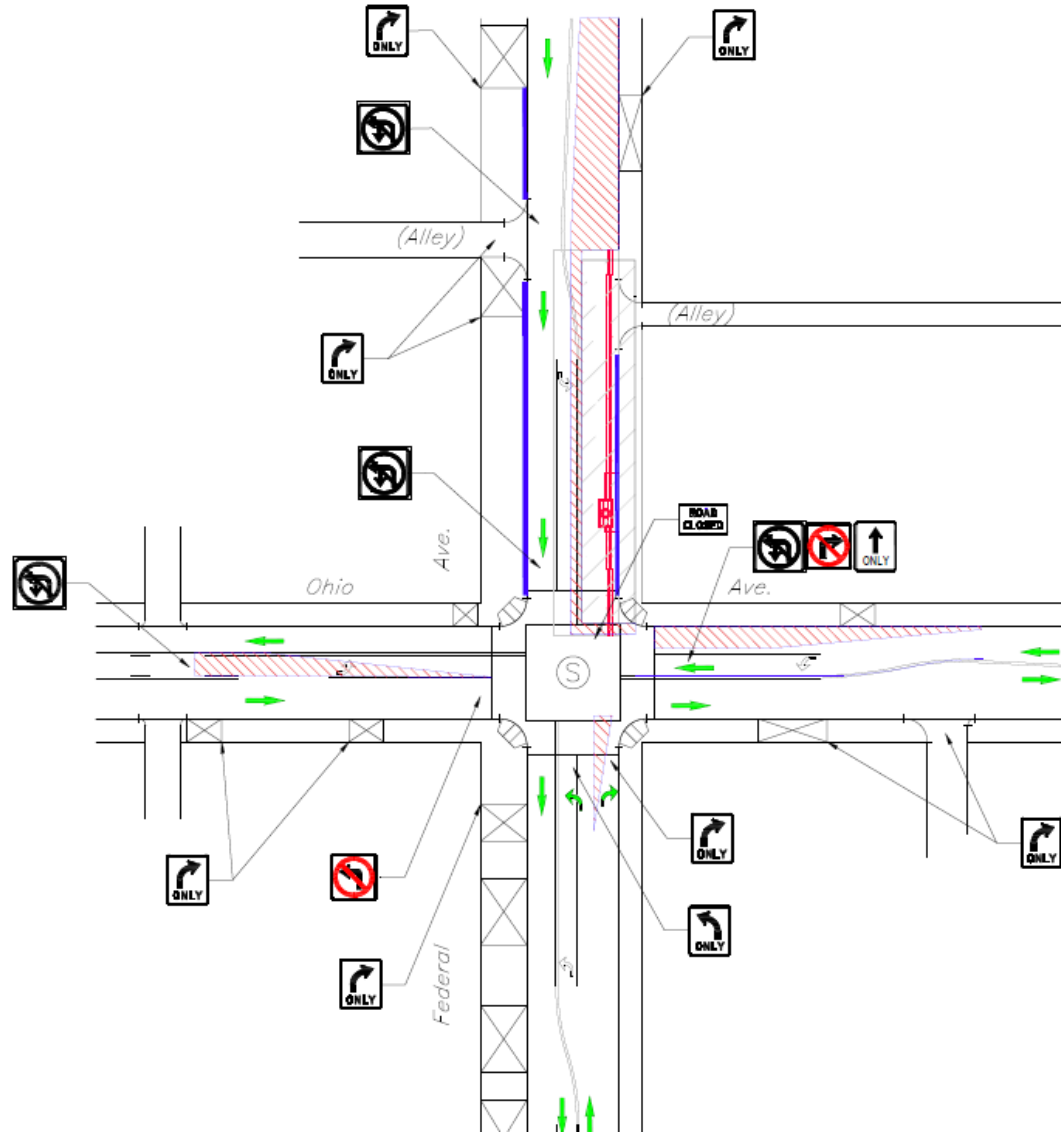
DRAFT



Upcoming SCE Underground Electrical Work

Mon – Fri 6am – 4pm, Sat – Sun 8am – 9pm

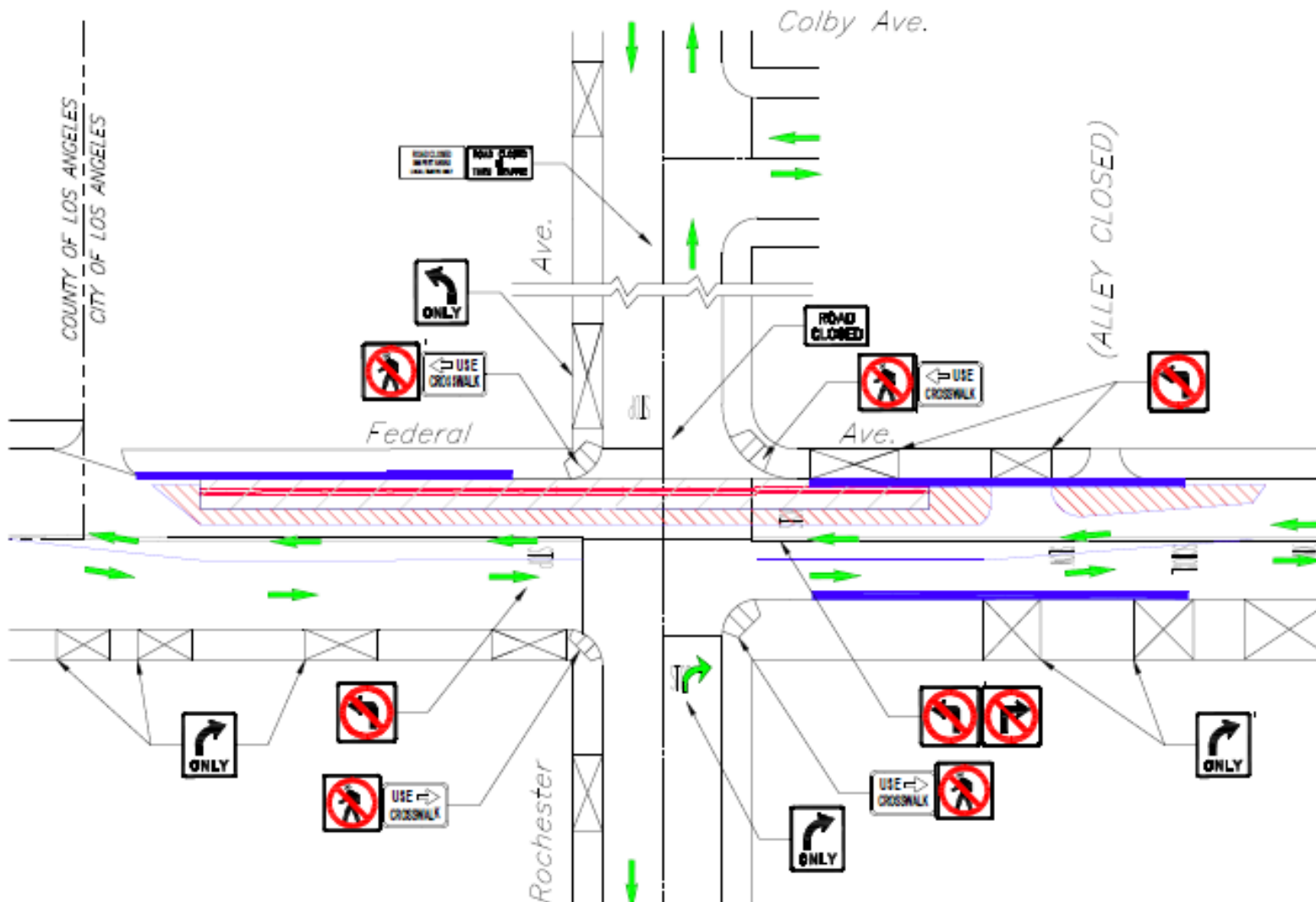
DRAFT



Upcoming SCE Underground Electrical Work

Mon – Fri 6am – 4pm, Sat – Sun 8am – 9pm

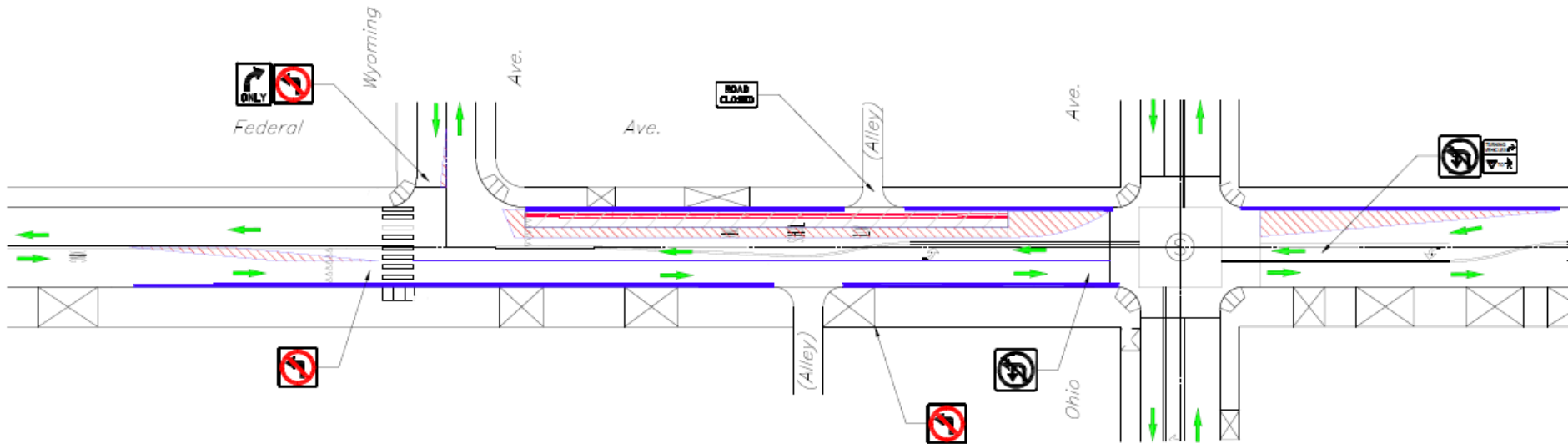
DRAFT



Upcoming SCE Underground Electrical Work

Mon – Fri 6am – 4pm, Sat – Sun 8am – 9pm

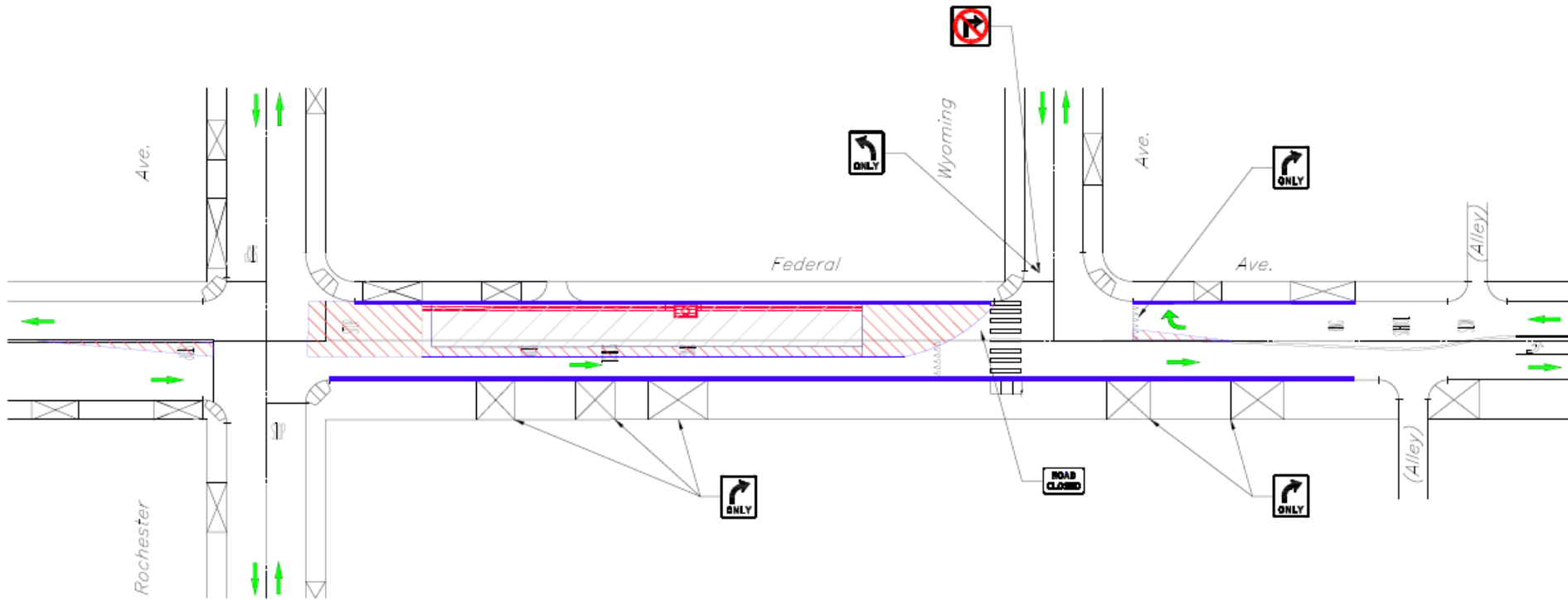
DRAFT



Upcoming SCE Underground Electrical Work

Mon – Fri 6am – 4pm, Sat – Sun 8am – 9pm

DRAFT



Online Resources

Final Environmental Impact Statement/ Environmental Impact Report – approved in 2012

https://media.metro.net/projects_studies/westside/images/final_eir-eis/appendix_c_acquisitions_2015-0127.pdf

Environmental Impact Report showing tunnel depths- approved 2012

https://media.metro.net/projects_studies/westside/images/final_eir-eis/Appendix%20A%20Plan%20and%20Profile%20Drawings%20-%20Part%201%20of%202.pdf