



COMMUNITY MEETING

March 6, 2024

SOUNDWALL PACKAGE 10



AGENDA

1. Metro Updates
2. Introductions
3. Project Overview
4. Construction Updates
5. Construction Relations/Public Outreach
6. Questions

METRO UPDATES

Metro's Customer Experience Plan

Together, we can make a difference!

We want to be your ride, and we know we have to earn it, every single day.

See how we're improving your experience and provide feedback at [**metro.net/cxhub**](https://metro.net/cxhub)



New fares on Metro!



New fares are Here!

Fare capping is here, which means that paying fare on Metro bus and rail is now simpler for our customers! Fare capping allows customers to pay per ride with TAP.

Once a customer reaches their set dollar cap for the day or seven-day period, they're no longer charged when they use their TAP card for the rest of the time period.

For more information, visit ***metro.net/fares***

Let's Ride Safely Together

Keeping riders safe is our number one priority and we're committed to providing you with a great experience on Metro.

Visit [***metro.net/safety***](https://metro.net/safety) for more information about our plan that reimagines the way we approach public safety, to ensure all our riders feel safe, comfortable, and welcome on our system.



INTRODUCTIONS



MEET THE SW10 TEAM

METRO

- Paul Sullivan, Deputy Executive Officer
- Sapana Shah, Deputy Project Manager
- Solomon Choi, Resident Engineer
- Tito Corona, Senior Community Relations Manager
- John Durant, Principal Community Relations Officer
- JC Montenegro, Principal Community Relations Officer

C.A. RASMUSSEN

- Tom Morrison, Project Manager
- Greg Hansen, Project Engineer

COUNTYWIDE SOUNDWALL PROGRAM

Soundwall Package 10 construction cost

- Approximately \$48.9 million
- Anticipated completion Summer 2025

For more on Highway Soundwalls please visit:

- Metro.net/soundwalls



Metro's Highway Soundwall Program

In 1999, Metro inherited a nearly \$1 billion backlog of highway soundwall projects without corresponding funding. In 2000, the Metro Board of Directors adopted a policy for prioritizing, funding and constructing these soundwalls. As of 2017, there are approximately 230 miles of freeways that are eligible for soundwalls and this list keeps growing. New soundwalls are added to the list based on field tests conducted by Caltrans at the request of residents and local agencies. Metro continues to seek funding to build more soundwalls.

What is a soundwall?

Soundwalls are noise barriers built between a noise generator and a sensitive receptor, such as a residential community, in order to reduce the level of noise transmitted from the generator to the receptor. Along a freeway, soundwalls are typically constructed of solid materials, such as concrete, brick and masonry block, and typically constructed between 8-16 feet in height.

What is traffic noise?

Traffic noise is a combination of the noises produced by vehicle engines, exhaust and tires. The level of highway traffic noise depends on several things:

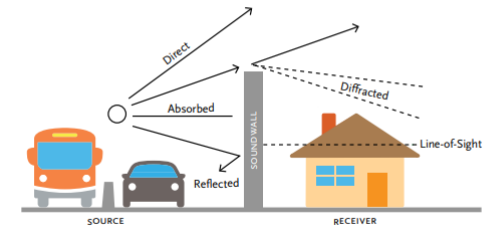
- > Traffic volumes – Roads with more vehicles are generally louder.
- > Traffic speeds – Traffic becomes louder with higher speeds.
- > The number of heavy trucks on the road.
- > Road conditions – Conditions, like a steep incline, can cause heavy laboring of vehicle engines.

Traffic noise levels can be reduced by distance, terrain, dense vegetation, natural and manmade obstacles.

How do soundwalls work?

Soundwalls can be designed to absorb or reflect noise. The design is dependent on the topography and the location of homes or sensitive receptors within the area that qualifies for soundwalls. Soundwalls could be designed to reflect noise if the impact to the other side does not exceed the threshold for soundwall qualifications and/or there are no sensitive receptors. However, some soundwalls could be designed with absorptive materials when reflective soundwalls have noise impacts to the opposing side of the highway. Soundwalls must be tall enough and long enough to block the "line-of-sight" of the highway from the area that it is protecting.

A general rule, shown in the graphic below, is: "if you can see it, you can hear it." As such, soundwalls provide little benefit for homes on a hillside overlooking a highway.

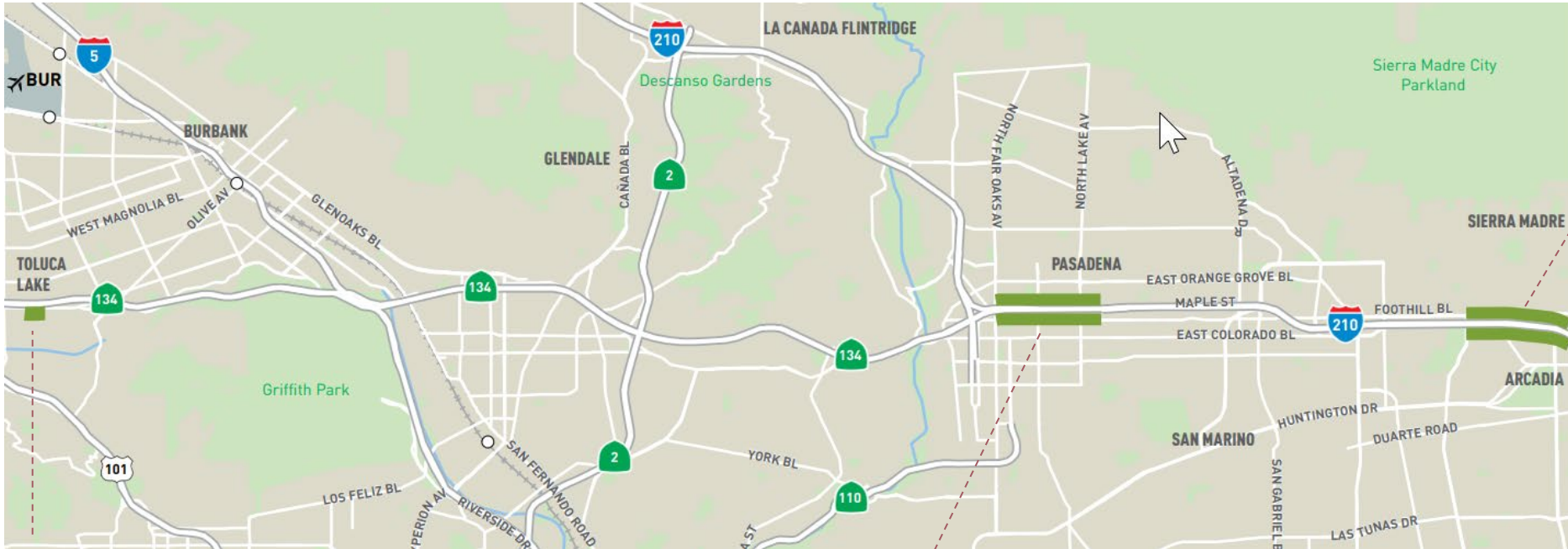


SOUNDWALL PACKAGE 10



PROJECT OVERVIEW

Soundwall Package 10 is part of the Metro Countywide Retrofit Soundwall Program (Phase 1, Priority 2)



1. Constructing a 620-foot section of wall on the SR-134 from 0.08 Mile east of Ledge Ave undercrossing to 0.02 Mile west of Forman Ave undercrossing

2. Approximately 1 mile of soundwalls along I-210 Freeway from 0.1 Mile west of Marengo Ave overcrossing to Wilson Ave in the City of Pasadena

3. Approximately 1.5 miles of soundwalls from Baldwin Ave to 0.1 Mile east of Santa Anita Ave undercrossing in the City of Arcadia

CONSTRUCTION UPDATE



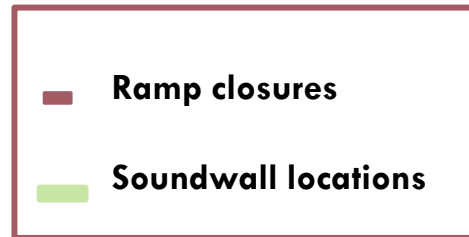
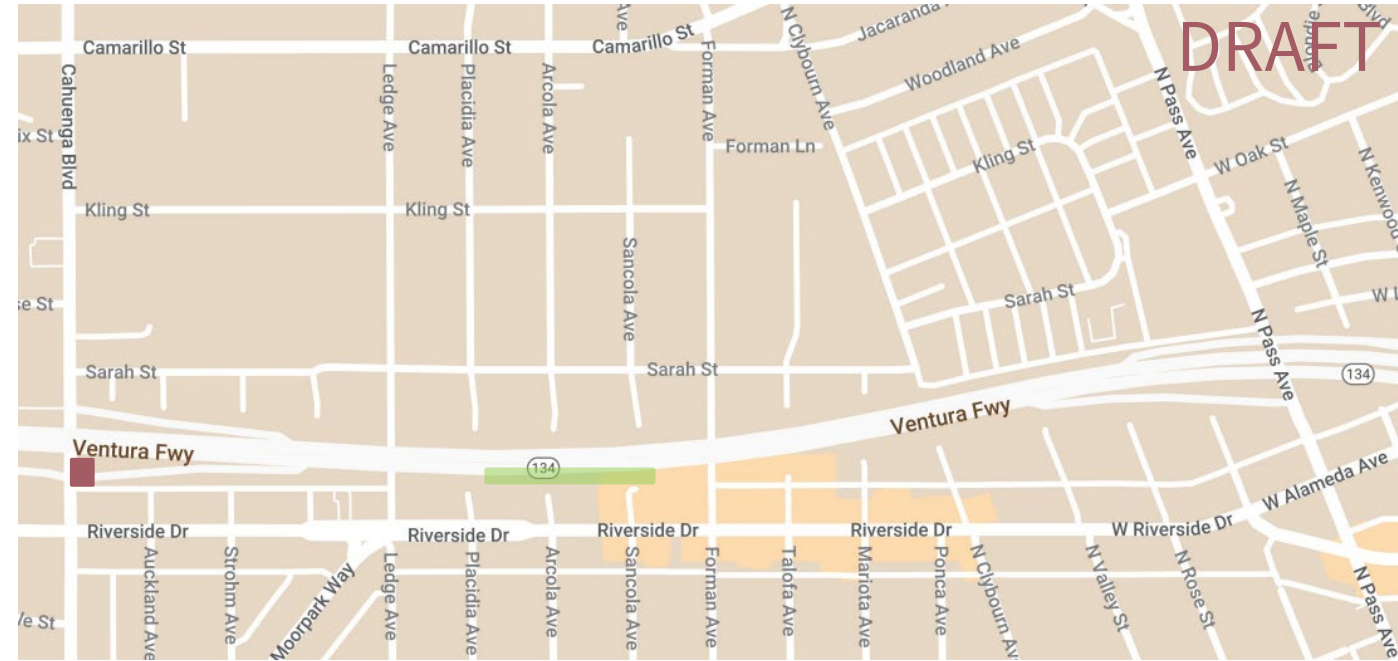
PROJECT RECAP

- City of Los Angeles – Toluca Lake
 - Pile installation completed!
 - Up next: pile cap
 - Summer/Fall: concrete barrier
- City of Pasadena
 - Clear/grub completed on Maple St
 - Up next: demo on Corson St
 - Continue demo, scaffolding, forms, soundwall foundations on Maple St
 - Summer/Fall: excavation on Corson St, concrete barrier on Maple St
- City of Arcadia
 - Pile installation approximately 87% complete!
 - Up next:
 - EB I-210 continue masonry soundwall
 - WB I-210 continue pile cap/rebar/concrete barrier
 - Spring/Summer: roadway section, masonry soundwall

CITY OF LOS ANGELES

CONSTRUCTION ACTIVITIES

- Completed: clear, grub, demo, & pile installation
- Ongoing: material delivery, grading, pile cap, rebar barrier, & concrete placement
- Intermittent ramp closures
 - During non-peak hours
 - Closure dates are subject to change
 - Installation of advanced warning & detour signage will be posted along the routes
- Day time work hours: 7am to 4pm
 - Intermittent ramp/lane closures will be conducted at night between 9pm & 6am with noise mitigations in place



CITY OF LOS ANGELES – EB SR-134



West view of SR-134 before clear, grub, demo operations.



East view after clear, grub, demo operations.

TOLUCA LAKE – PILE INSTALLATION



Pile drill along eastbound SR-134.



Pile rebar cages and concrete placement.

TOLUCA LAKE – REBAR/CONCRETE



Iron worker adjusting rebar.



Pile installation completed with rebar/concrete ready for pile cap.

TOLUCA LAKE – REBAR/PILE CAP



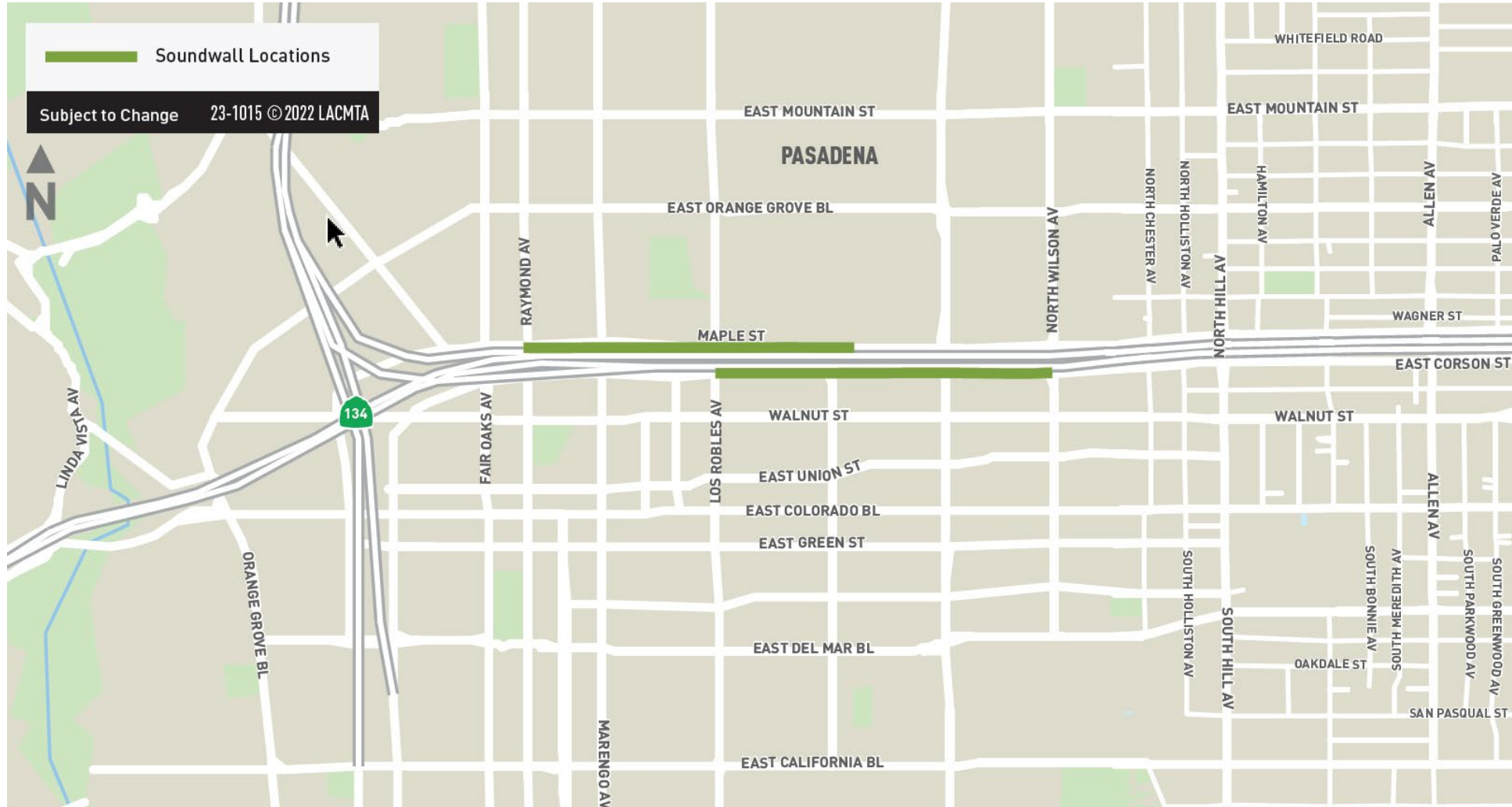
Rebar placement in preparation of pile cap concrete placement.



SR-134 west view of rebar iron work.

CITY OF PASADENA

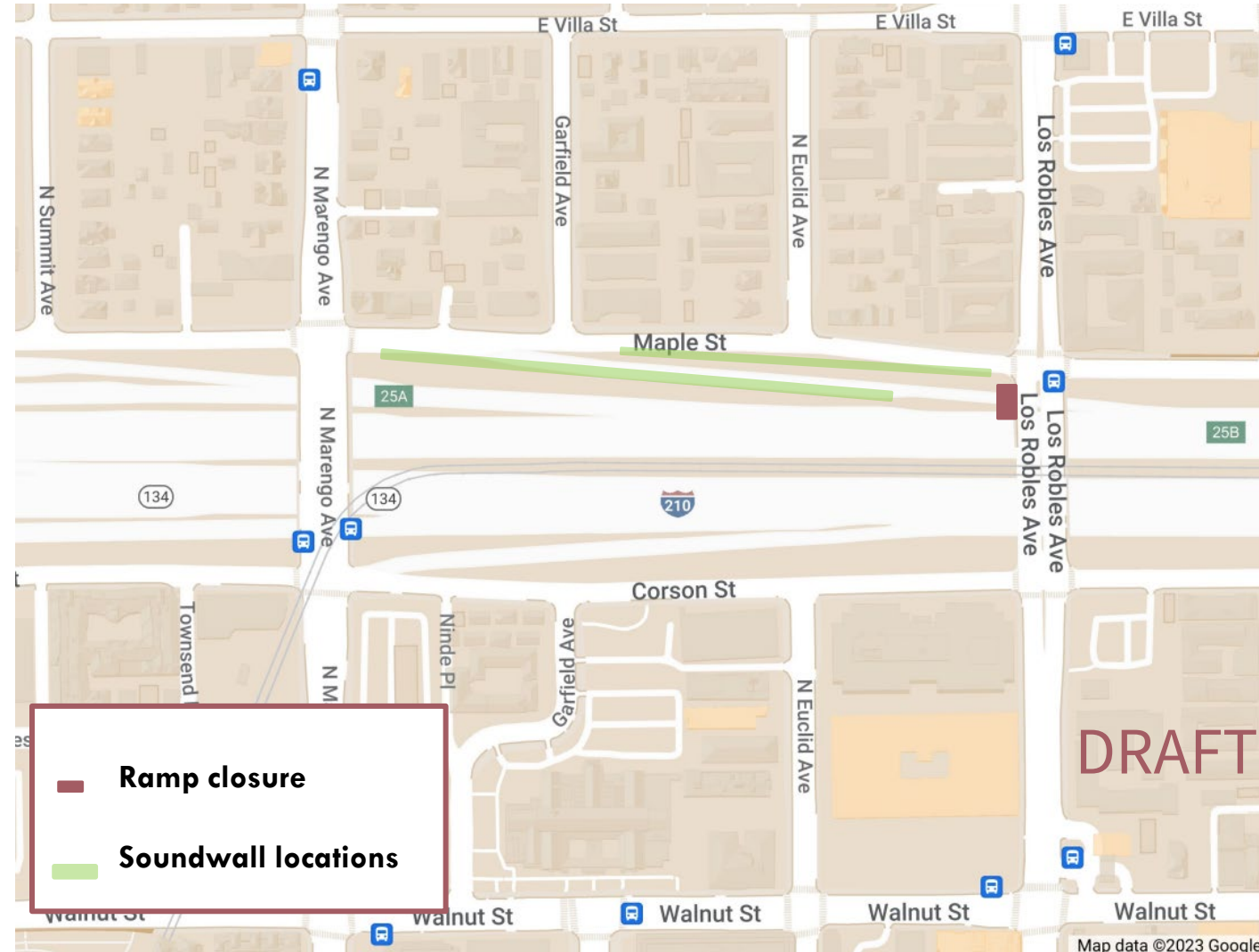
I-210 – Raymond Av to Wilson Av



CITY OF PASADENA

CONSTRUCTION ACTIVITIES

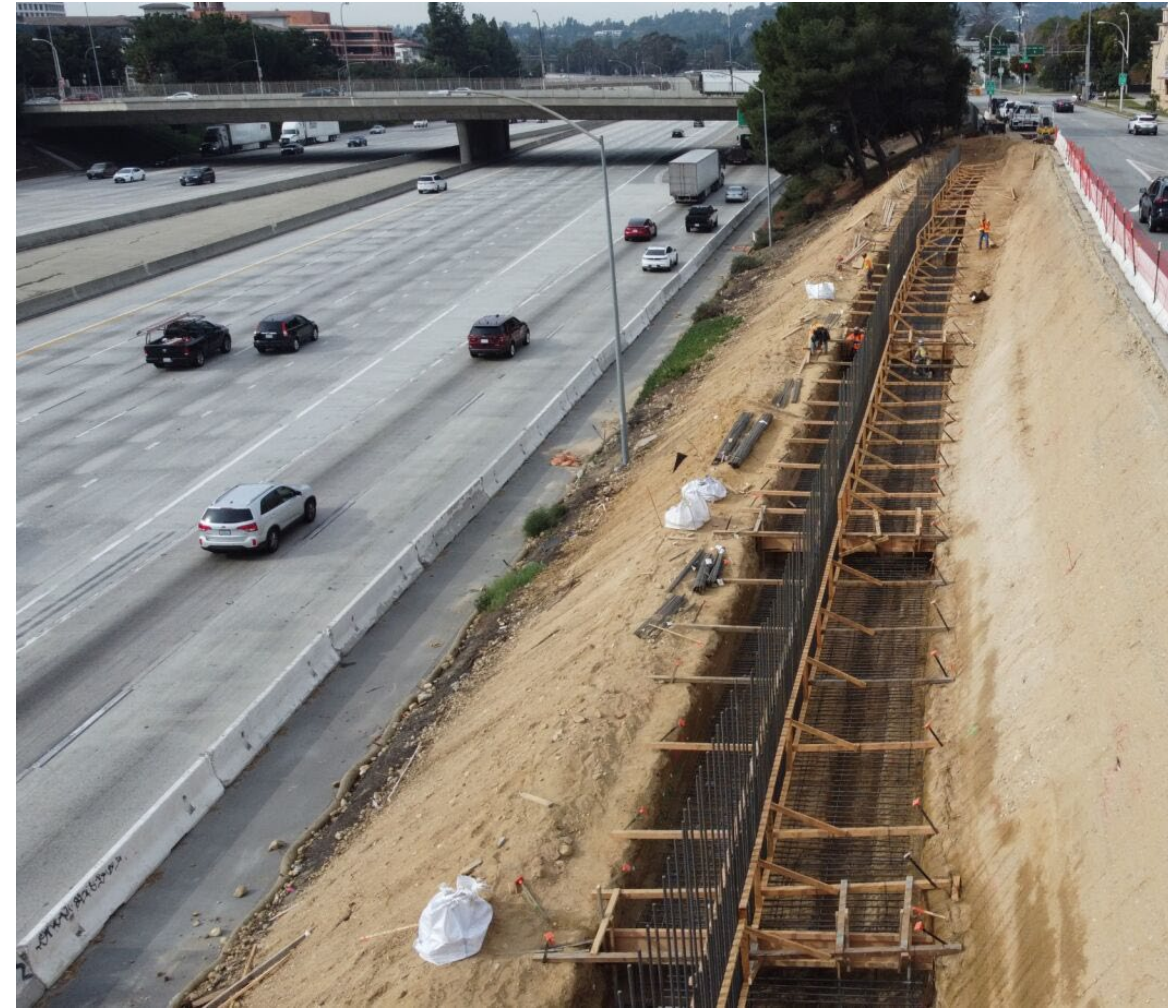
- Clear & grub operations completed along Maple St!
- Ongoing: demo along Maple St, scaffolding, forms, & concrete placement
- Up next:
 - Maple St: continue current activities
 - Corson St: temporary utility relocation (signals), setting of k-rail, clear, grub, demo, material delivery, excavation, grading, rebar, & concrete placement
- Work hours: 7am to 7pm
 - Ramp closures during non-peak hours, 9am to 3pm, 8pm to 6am (noise mitigations in place during night-time activities)



CITY OF PASADENA – I-210 MARENGO AV



West view of I-210 Marengo Av off-ramp retaining wall excavation.



I-210 Marengo Av off-ramp rebar/form installation.

CITY OF PASADENA – RETAINING WALL



CITY OF PASADENA – MAPLE ST



West view of I-210 demo operations along Maple St



East view of I-210 clearing and demo operations

CITY OF PASADENA – MAPLE ST



West view of I-210 along Maple St



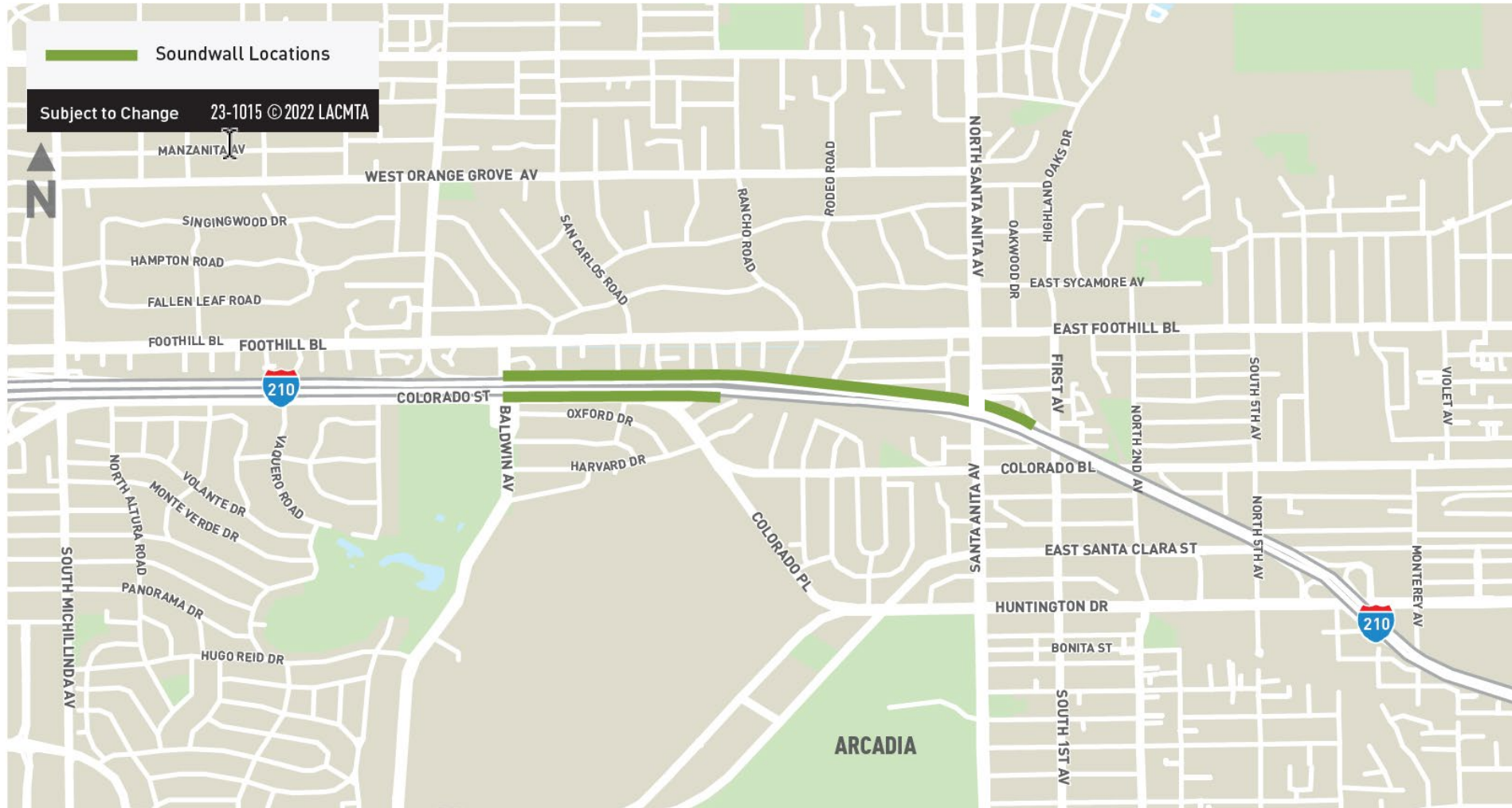
Demo, grading, and form work.



Pile drill and placement along Maple St.

CITY OF ARCADIA

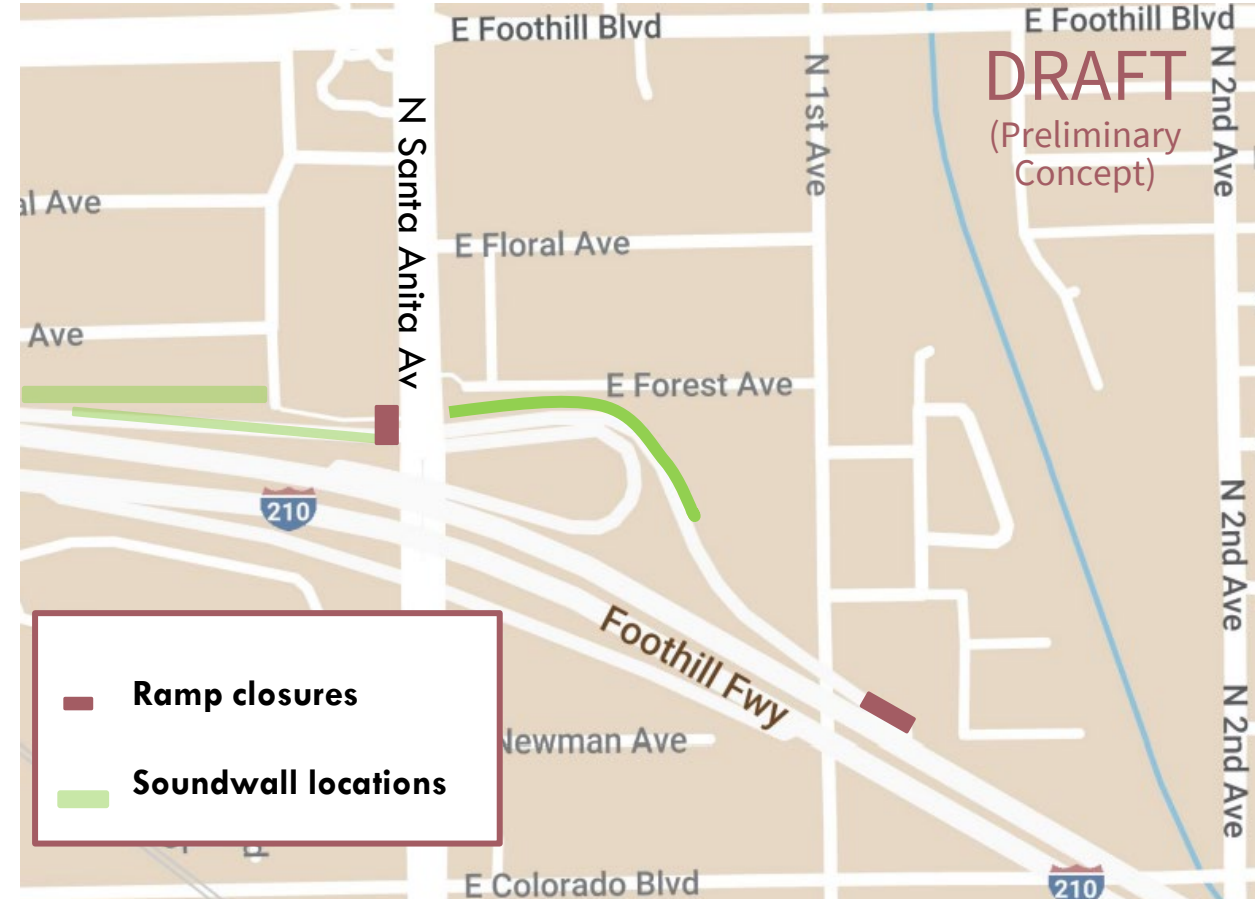
I-210 – Baldwin Av to Santa Anita Av



CITY OF ARCADIA – WB I-210

CONSTRUCTION ACTIVITIES

- Completed: clear, grub, demo, 87% pile installation
- Ongoing: material delivery, grading, pile cap, rebar/concrete placement
 - Baldwin Av WB on-ramp soundwall construction
- Spring/Summer: roadway section, masonry, underground/surface drainage
- Intermittent ramp/lane closures
 - During non-peak hours
 - Closure dates are subject to change
 - Work hours: 7am to 5pm
 - 7pm to 6am (noise mitigations in place during night-time activities)



WB SANTA ANITA AV – OFF RAMP



Pile installation at WB Santa Anita Av.



Grading, concrete, rebar work.



Concrete and rebar for concrete barrier.

WB SANTA ANITA AV – ON RAMP



Before pile install, rebar, concrete barrier placement.



After pile install, rebar, concrete barrier.

WB I-210 – PILE INSTALLATION



WB I-210 between Santa Anita Av and Baldwin Av.



Completed piles, grading, and preparation for pile cap/rebar.

WB I-210 – PILE CAP/REBAR



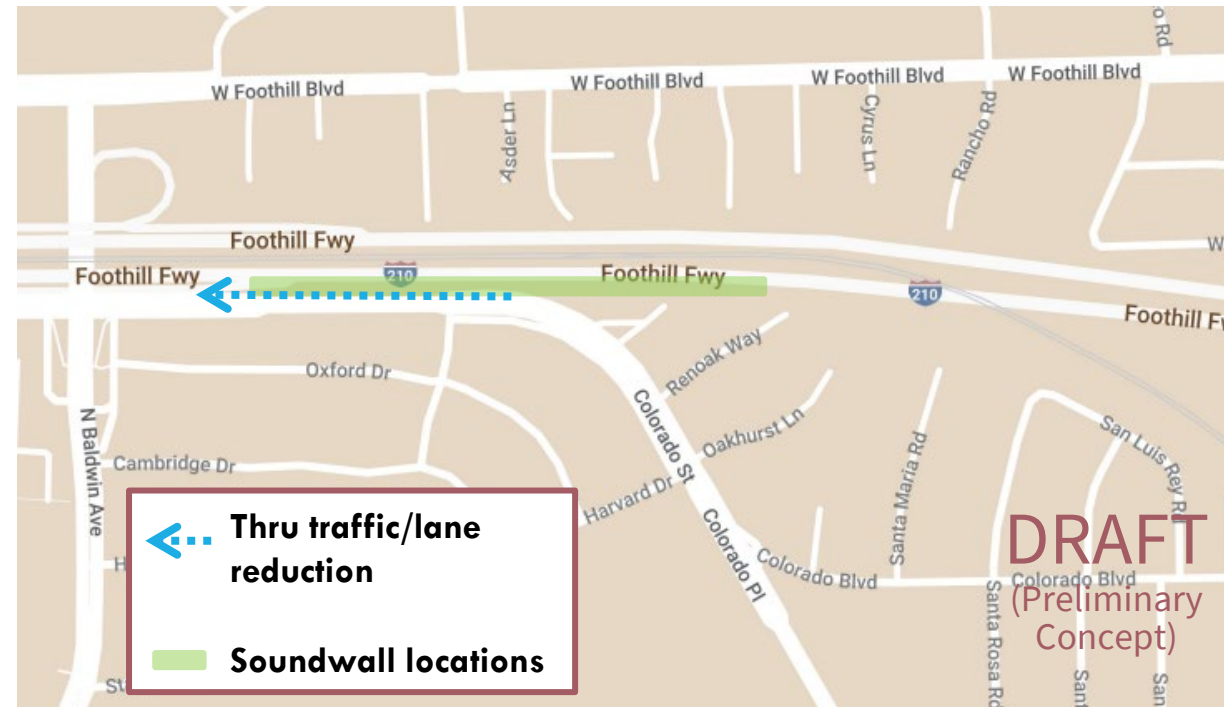
WB I-210 – CONCRETE PLACEMENT



EB I-210 – COLORADO ST

CONSTRUCTION ACTIVITIES

- Completed: clear, grub, demo, pile installation, concrete barrier placement
- Ongoing: material delivery, scaffolding, masonry block work
- Spring: Masonry
Summer: underground/surface drainage
- Thru traffic maintained
 - Partial lane reduction on Colorado Bl along I-210 using temporary k-rail
 - Daytime work hours from 7am to 5pm.



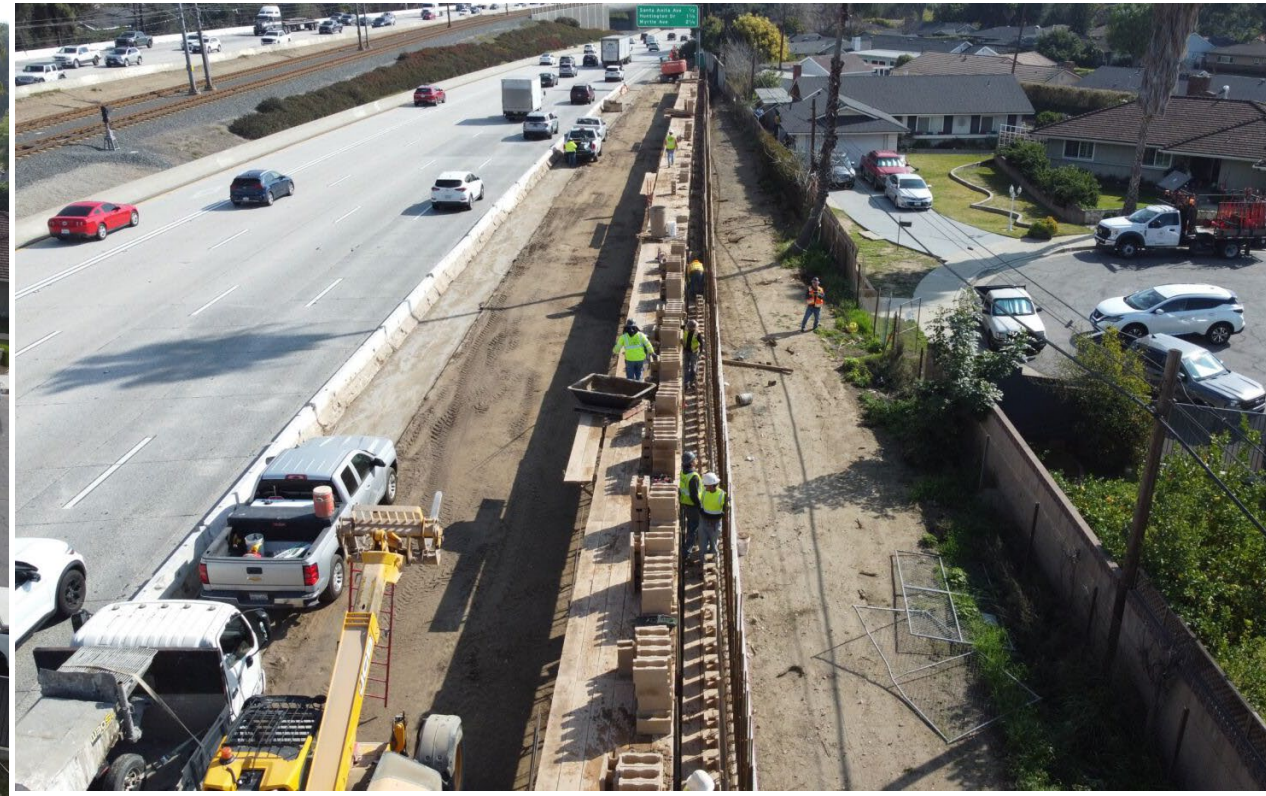
EB I-210 – BEFORE/AFTER



EB I-210 – SCAFFOLD SET UP

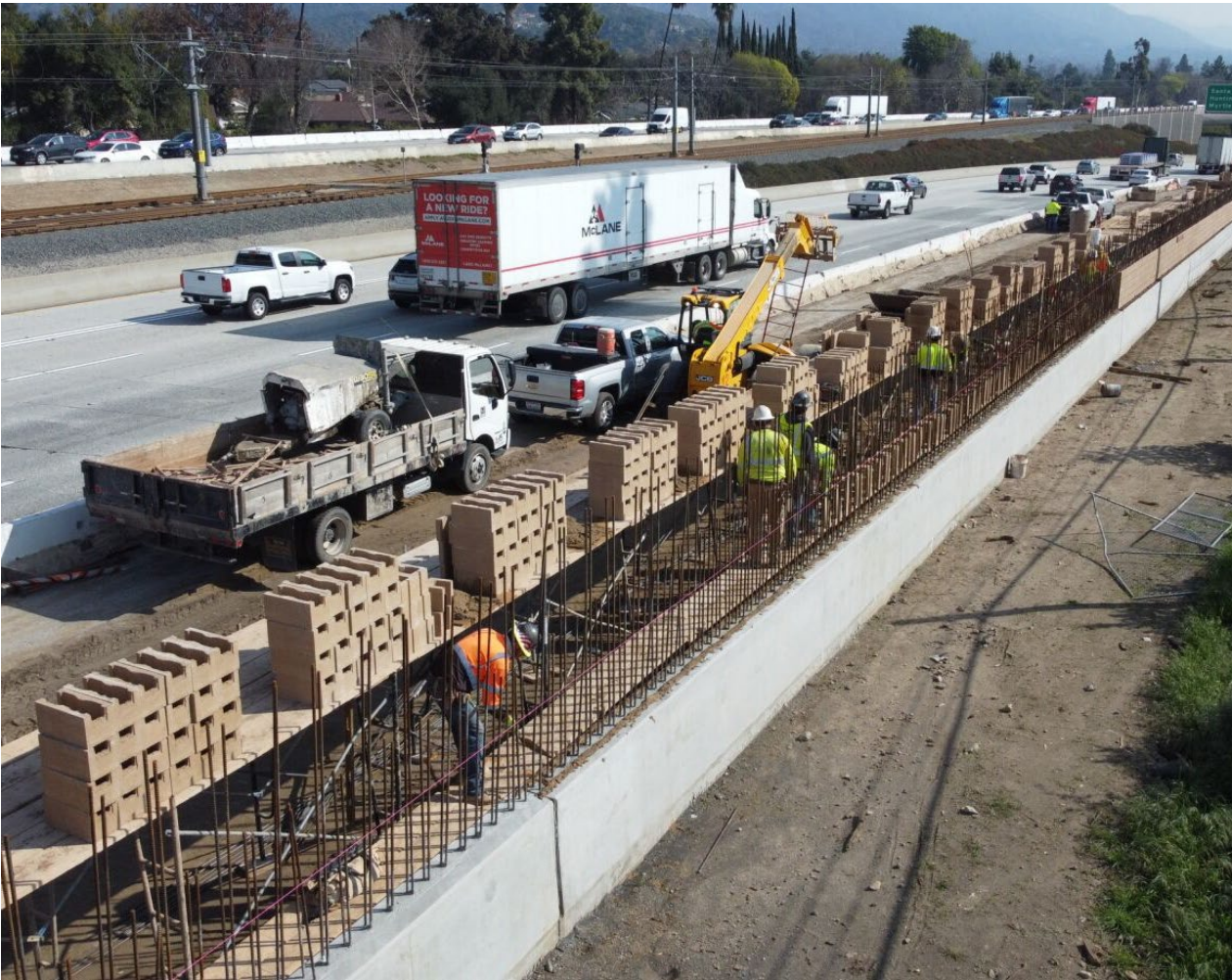


East view of pile installation from 2023.



Scaffold for masonry block work.

EB I-210 – MASONRY BLOCK WORK



East view, scaffold set up for masonry soundwall work.

EB I-210 – COLORADO ST/CHELSEA RD



Soundwall lower barrier complete masonry work advancing.

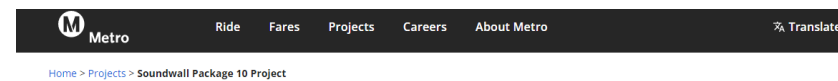


West view of masonry soundwall segment.

CONSTRUCTION RELATIONS/PUBLIC OUTREACH

PROJECT ACCESS & OUTREACH TOOLS

- Dedicated project website with the latest project information
- Project maps, fact sheets
- Helpline/email and direct staff available
- Stakeholder email list
- Construction notification (print and digital)
- Community briefings
- Public meetings



Soundwall Package 10 Project

Soundwall Package 10 is part of the Metro Countywide Soundwall Program which is being funded by Federal and Measure R funds.



BACKGROUND

Metro has a plan to create quieter neighborhoods through our soundwall program for LA County residents living in areas of high traffic. Soundwall Package 10 is funded by federal and Measure R funds. Caltrans designed the project and Metro will construct the project. New soundwalls are added to the list based on field tests conducted by Caltrans at the request of residents and local agencies.

Soundwalls are noise barriers built to federal- and state-approved construction and safety standards to reduce noise coming from traffic on the freeway.

LOCATIONS

- > SR-134 City of Los Angeles – Toluca Lake
- > I-210 City of Pasadena
- > I-210 City of Arcadia

START & PROJECTED COMPLETION

Spring 2023 – Summer 2025

CONTACT US

- 213.922.4008
- soundwallprogram@metro.net
- metro.net/soundwall10
- @metrolosangeles
- losangelesmetro

Project Overview

The project is in three locations:

- > Route 134 from approximately 150 feet East of Placidia Av to Sancola Av in the City of Los Angeles
- > Eastbound and westbound Route 210 from Fair Oaks Av to Wilson Av in the City of Pasadena
- > Eastbound and westbound Route 210 from Baldwin Av to about 500 feet East of Santa Anita Av in the City of Arcadia

Project Elements

The project consists of constructing approximately 16,000 feet of soundwalls in 18 segments at three locations. These locations of the project are constructed along freeways and generally consist of constructing approximately 14-foot-tall masonry block walls with support structures and foundations. The work also includes electrical and communications work along with tree removal and replacement.

The equipment proposed to be utilized along the project area will vary, including: standard construction equipment trucks; compressors and traffic control devices; cranes, backhoes, graders, excavators, drilling rigs, concrete trucks; street sweepers, water trucks and other pertinent equipment for proper construction methods; and road striping equipment.

Project Outreach

Metro and its contractors shall take efforts to mitigate construction-related impacts to the surrounding community. Metro will engage the community via outreach prior to the start of any of this work. These efforts will involve providing community members and area businesses a direct line of communication to project staff to discuss construction activities and concerns.

CONSTRUCTION RELATIONS/PUBLIC OUTREACH



JC Montenegro

Principal Community Relations Officer

montenegrojc@metro.net



Project Helpline

213.922.4008



SoundwallProgram@metro.net

PLEASE JOIN US

Wednesday, July 24, 2024 at 12PM for our next
Soundwall Package 10 Project Update



Metro.net/soundwall10

QUESTIONS

Q & A