Construction Update
Community Meeting
11/17/26



We're planning a better commute on the 105.

I-105 EXPRESSLANES PROJECT

Metro

Caltrans

Interpretation Available | Interpretación disponible

Via Zoom

> Please click on the **“Interpretation”** icon

> Choose the language you would like to listen to **(*Spanish)***

> Haga clic en el icono de “**Interpretation**”

> Escoje la opción para escuchar en español. Haga clic en “Mute Original Audio” para escuchar solo español

Housekeeping

Today's meeting is being recorded.



Attendee cameras are off and microphones are muted.



During the meeting, comments can be submitted using the Q&A icon.

Code of Conduct

Metro is committed to ensuring that all participants can fairly and clearly share ideas, comments and concerns about this project. To provide a safe and equitable process, we are asking for your help.

During this meeting, please:

> Respect the format of the meeting and allow everyone an opportunity to comment

> Treat fellow community members, agency representatives, Metro staff and others with respect

Agency Slides



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Meeting Agenda

> Project Overview

> Metro ExpressLanes Operations

> Construction Update

- Segment 3
- Segment 2
- Segment 1

> Community Outreach and Engagement

> Questions and Answers



Concrete paving machine

Project Overview

Project Overview

- Construction converting the existing, I-105 HOV lane to two ExpressLanes in each direction between I-405 and Studebaker Rd
- Provides more options, access, and connections for all users of the I-105 corridor
- Construction schedule
  - Segment 1 - Currently under construction
  - Segment 2 - Construction began October 2026
  - Segment 3 - Construction began September 2026
- **No residential Right-of-Way impacts**
- Is among the projects and improvements of Measure M that was supported and approved by LA County voters including voters in the project area



Project Overview: Benefits

> **Addresses speed degradation** in the existing HOV lane that is operating at less than 45 mph during peak periods.

> **Enhances operations and improves trip reliability and travel times** within the corridor for all motorists including HOVs, vanpools, commuters and transit service to LAX.

> **Enhances highway safety** by addressing an auxiliary lane gap closure and by reducing stop and go traffic conditions, which will in turn reduce rear-end collisions.

> **Addresses freeway overflow and congestion on local streets** by shifting vehicles in local area streets back onto the freeway, **improving livability for corridor residents**.

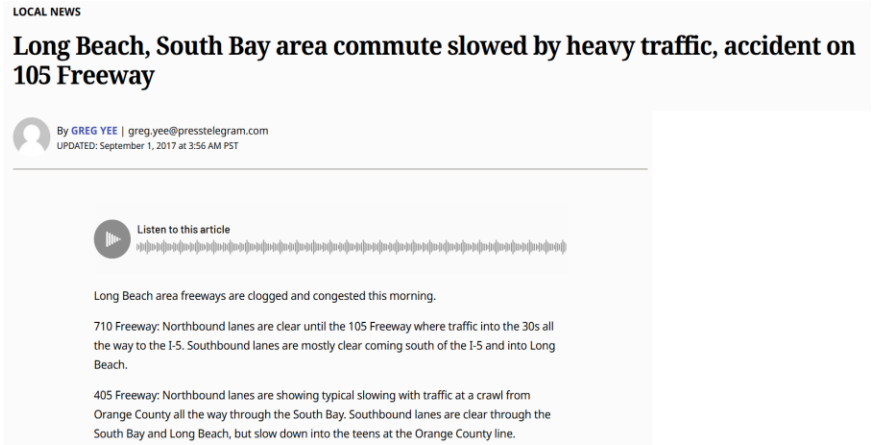
I-105 Current and Forecast Performance

- Existing traffic data:
  - WB AM Peak GP lane end to end average travel time 36 minutes, average speed 26 MPH
  - WB AM Peak HOV lane end to end average travel time 30 minutes, average speed 32 MPH
  - EB PM Peak GP lane end to end average travel time 65 minutes, average speed 15 MPH
  - EB PM Peak HOV lane end to end average travel time 51 minutes, average speed 19 MPH
  - WB AM Peak period is between 6-9AM, EB PM Peak period 1-7PM
- **HOV lanes are classified as degraded per Federal standards**, defined as operating at below 45 miles per hour
- Project is expected to reduce general purpose travel times up to 10%, ExpressLanes speeds expected to be above 45 MPH and travel times reduced up to 50%

Safety Benefits

The I-105 ExpressLanes Project will provide the following safety benefits:

- New auxiliary lanes between I-710 and Long Beach Bl to improve lane merging
- Improve traffic flow that will:
  - Reduce stop and go traffic
  - Reduce rear-end collisions
- Updated lane striping for enhanced visibility during nighttime driving.
- Channelizers for the buffer zones between ExpressLanes and general purpose lanes reduces illegal traffic merge movements
- Freeway Service Patrol tow trucks and dedicated traffic enforcement



LOCAL NEWS

Long Beach, South Bay area commute slowed by heavy traffic, accident on 105 Freeway

By GREG YEE | greg.yee@presstelegram.com
UPDATED: September 1, 2017 at 3:56 AM PST

Listen to this article

Long Beach area freeways are clogged and congested this morning.

710 Freeway: Northbound lanes are clear until the 105 Freeway where traffic into the 30s all the way to the I-5. Southbound lanes are mostly clear coming south of the I-5 and into Long Beach.

405 Freeway: Northbound lanes are showing typical slowing with traffic at a crawl from Orange County all the way through the South Bay. Southbound lanes are clear through the South Bay and Long Beach, but slow down into the teens at the Orange County line.

Additional Project Improvements

> New and reconstructed soundwalls (most with increased height)

> Seismic retrofit of the Alameda Viaduct

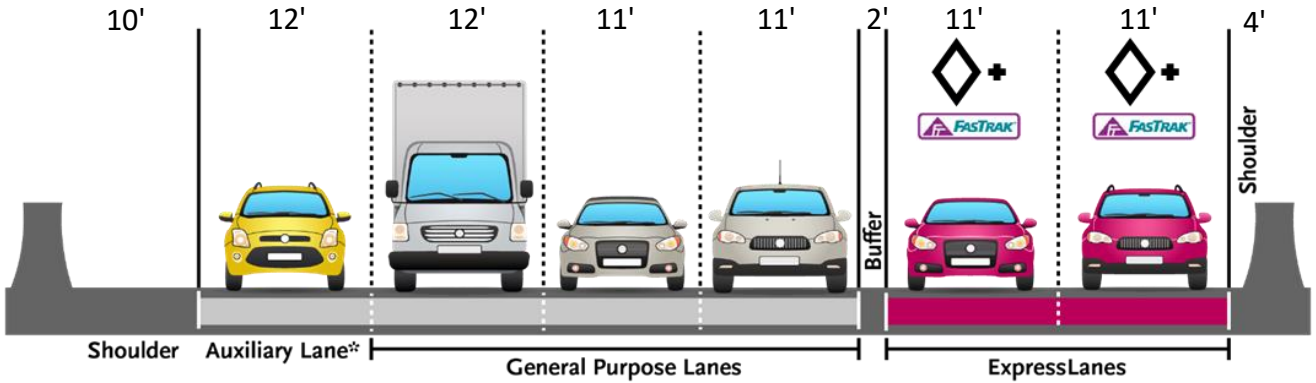
> Multimodal Improvements:

- Future net toll **revenue will be used to fund active transportation, transit, and roadway projects** in the local community along the project alignment

I-I05 Freeway New Lane Configuration and Dimensions

The project will utilize non-standard lane and shoulder widths:

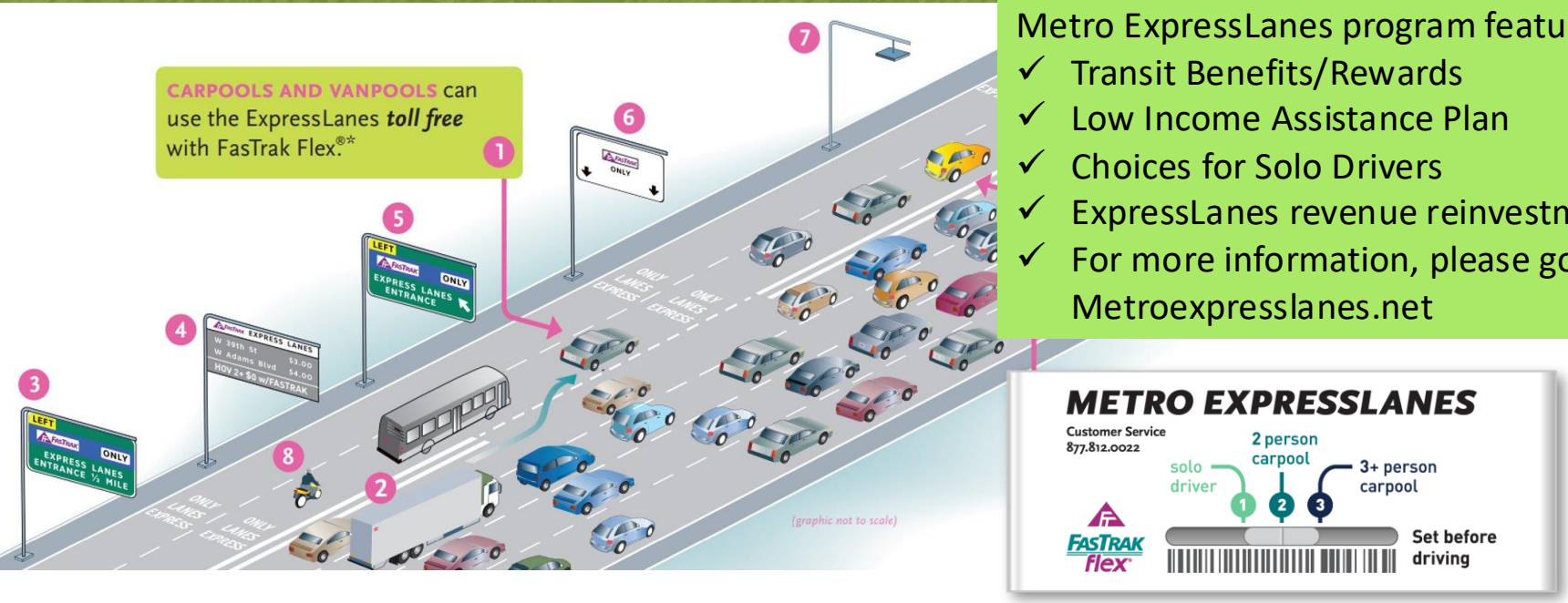
- 11 ft. ExpressLanes
- two 11 ft. GP lanes, one 12 ft. GP lane
- 4 ft. left shoulder
- 2 ft buffer between ExpressLanes and GP lanes



New lane dimensions in feet

Metro ExpressLanes

How ExpressLanes Work



Metro ExpressLanes program features:

- ✓ Transit Benefits/Rewards
- ✓ Low Income Assistance Plan
- ✓ Choices for Solo Drivers
- ✓ ExpressLanes revenue reinvestment
- ✓ For more information, please go to Metroexpresslanes.net

- ExpressLanes users enter/exit at designated locations
- Qualified carpools travel toll-free (with a transponder); switchable transponder must be used to receive carpool discount
- Vehicles can use the ExpressLanes without a transponder but pay $9+toll

ExpressLanes Revenue Use

> State law requires that toll revenues be reinvested back into its origin corridor.

> Toll revenue is used for the following:

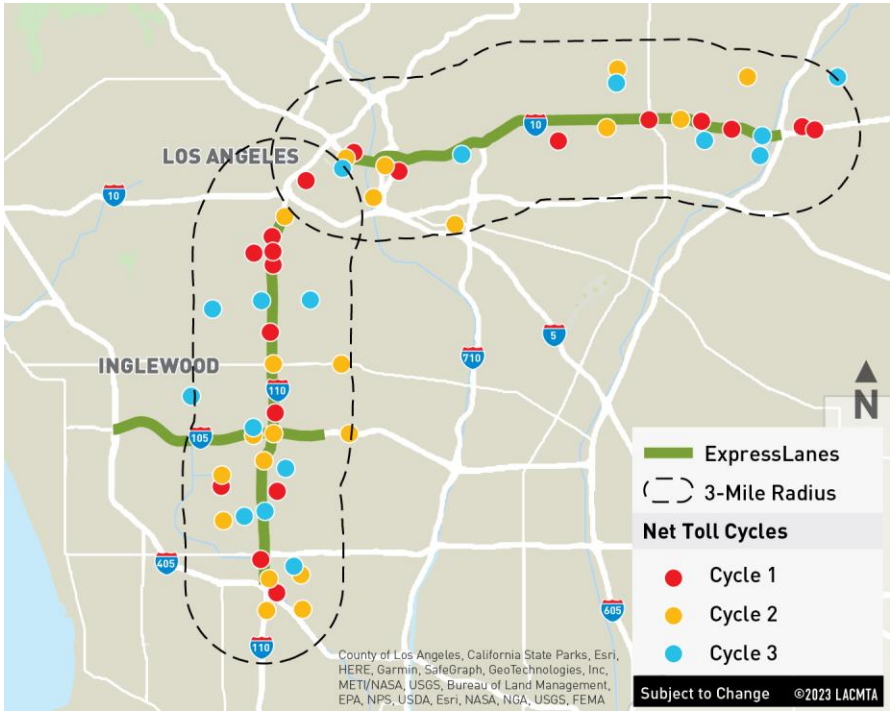


- The cost to operate and maintain the ExpressLanes is paid entirely by toll revenue; no funding from Metro is provided
- The majority of the cost to build the I-105 ExpressLanes will be funded by loans and debt that will be repaid using future toll revenue
- On the 10/110 ExpressLanes, net toll revenue funds enhanced transit service (Metro J line, Foothill, Gardena, and Torrance Transit)
- Net toll grants are also granted to local jurisdictions within 3 miles of 10/110

Net Toll Revenue Grant Program
I-10 and I-110 ExpressLanes

Cycle	Date	Projects Funded	Total Cost
1	July 2014	20	$19.3M
2	August 2016	21	$27.9M
3	October 2023	16	$64.9M

Net toll grants are granted on a competitive basis to projects that improve mobility and are within 3 miles of the I-10/110 ExpressLanes.



Examples of Net Toll Grant Funded Projects (I-110 Corridor)

	Sponsor	Project Name
Round 1 (2014)	City of Gardena	Line 1X-Expand Transit Bus Service on I-110 Freeway
	LA County	South Bay Arterial Performance Measurement Project
	LACTMA	Bikeshare - Downtown Los Angeles Project
	Long Beach Transit	Los Angeles Galaxy Shuttle Bus Service (Galaxy Express)
Round 2 (2016)	LACTMA	Bus Rapid Transit Freeway Station Sound Enclosure
	City of Carson	I-110 Freeway Arterial Improvements
	LA County	Vermont Green Line Intersection Improvement Project
Round 3 (2023)	LACTMA	Slauson Area Tree Canopy Project
	LA County	I-110 Corridor Traffic Signal Synchronization and Communication Project
	Torrance Transit	Line 1 Service Enhancement

34 Projects | **$69.3 Million Total**

Examples of Net Toll Grant Funded Projects (I-10 Corridor)

	Sponsor	Project Name
Round 1 (2014)	Caltrans	Express Lanes Corridors Incident Management Improvements
	City of Baldwin Park	Baldwin Park Commuter Connector Express Line
	City of Baldwin Park	Frazier Street Pedestrian and Bicycle Safety Improvements
	City of El Monte	Santa Anita Avenue Active Transportation for El Monte Station and Downtown El Monte
	City of El Monte	I-10 Active Commute, Healthy Communities Project
Round 2 (2016)	Foothill Transit	Procurement of two Electric Double Decker Buses
	Access Services	Accessible CNG-Fueled Vehicles for Access Services
Round 3 (2023)	City of Baldwin Park	Los Angeles Street Complete Streets Improvement Project
	City of South El Monte	I-10 E-Bike Access Project
	City of El Monte	Traffic Calming for Parkway Dr/Denholm Dr

23 Projects	$42.9 Million Total

Equity Assessment

- Metro has prepared equity assessments for segment 1 and segment 2/3
- The equity assessments identified potential mobility improvements that could be funded with future I-105 ExpressLanes net toll revenue
  - > The projects are grouped into active transportation, transit, and roadway projects and prioritized into high, medium, and low
  - > Projects are within a three mile radius around I-105, consistent with I-10/I-110 ExpressLanes net toll grant guidelines
  - > Extensive input was provided by Community Based Organizations (CBOs) in the corridor
  - > The equity assessment final report and project list can be found at metro.net/105expresslanes in the Documents section

Construction Update

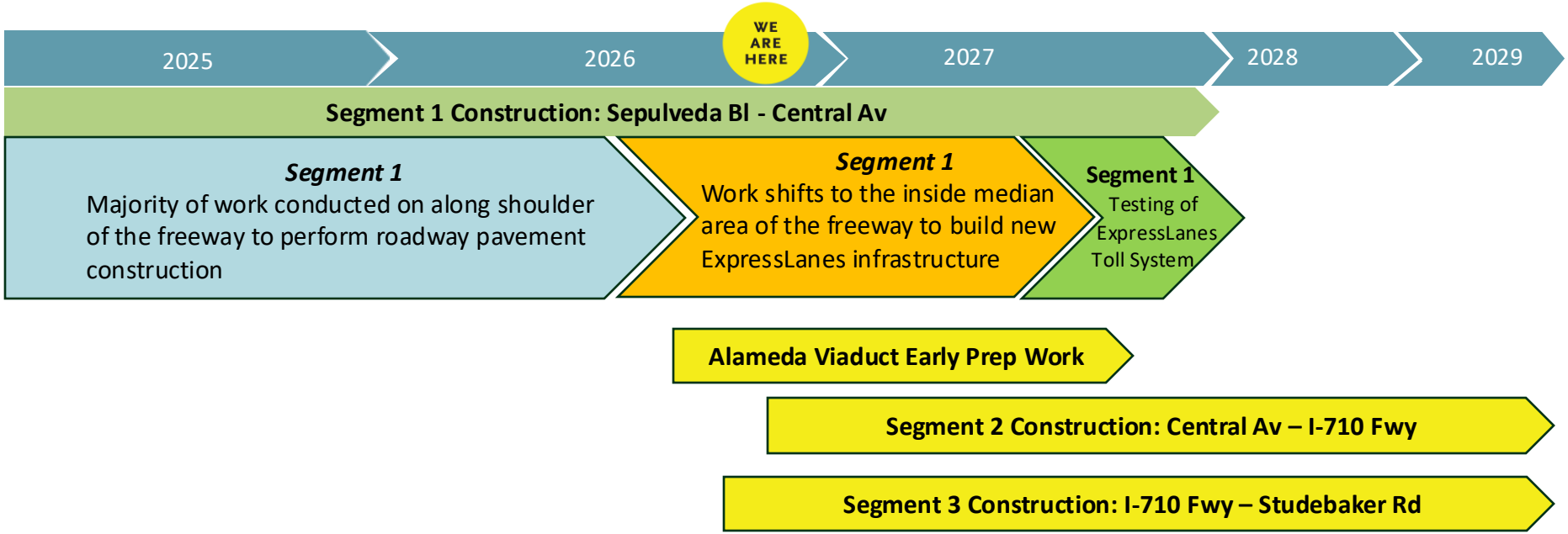
I-105 ExpressLanes Project Construction Work Activities

- Roadway pavement construction along the shoulder and outer edges of freeway corridor (Corridor-wide)
- New and reconstructed soundwalls - most with increased height (Segment 1 & 2)
- Undercrossing/bridge widenings (Segments 1 & 2)
- New retaining wall construction (Corridor-wide)
- ExpressLanes toll infrastructure, equipment, electrical systems, signage, & pavement markings (Corridor-wide)
- Landscape/tree removal and restoration (Corridor-wide)



Concrete breaking work activities

I-105 ExpressLanes Project – Anticipated Construction Schedule



Segment 3 Construction

> Minor I-105 preconstruction activities completed summer 2026

- Utility verification
- Field investigatory and surveying activities

> Construction prep activities

- Freeway lane restriping (Competed September)
- Concrete barrier installation (Competed September)
- Tree and vegetation removal (ongoing)
- Outside roadway grinding activities (ongoing)

> Major construction scheduled to begin November 2026

- Retaining wall construction
- New roadway pavement construction
- Drainage system improvements
- Electrical systems work on city streets – dates TBD



I-105 retaining wall construction

Segment 3 Retaining Wall Construction

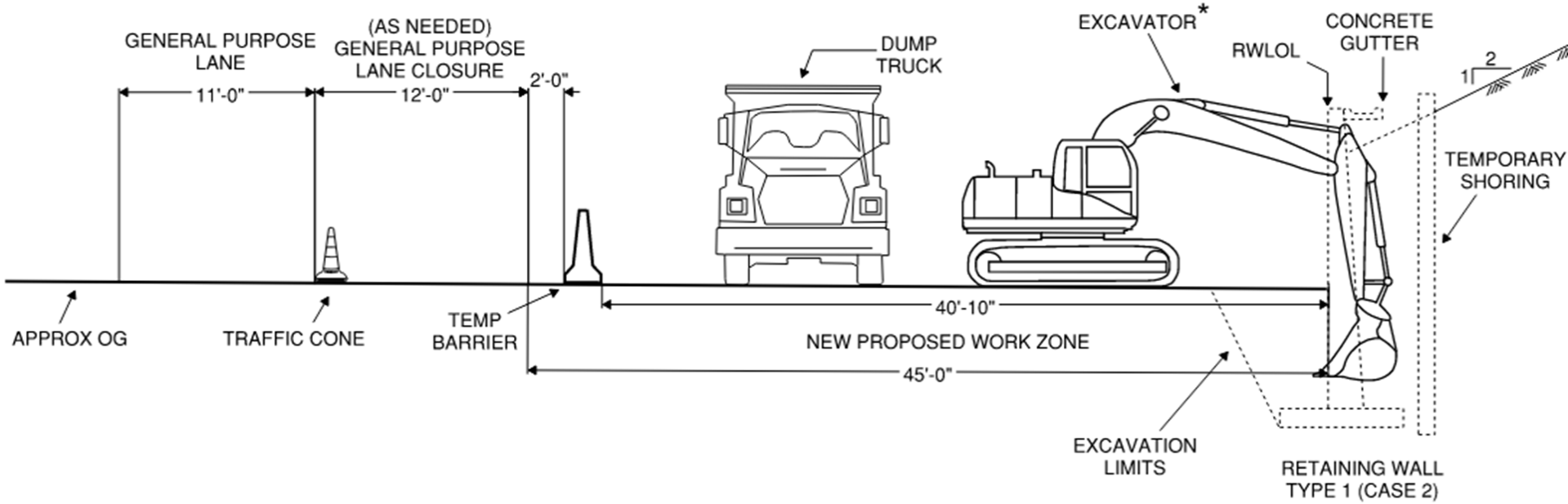
Typical I-105 retaining wall construction location



Exhibit is not to scale

Roadway Pavement/Retaining Wall Construction

Typical retaining wall construction method



Roadway Pavement/Retaining Wall Construction

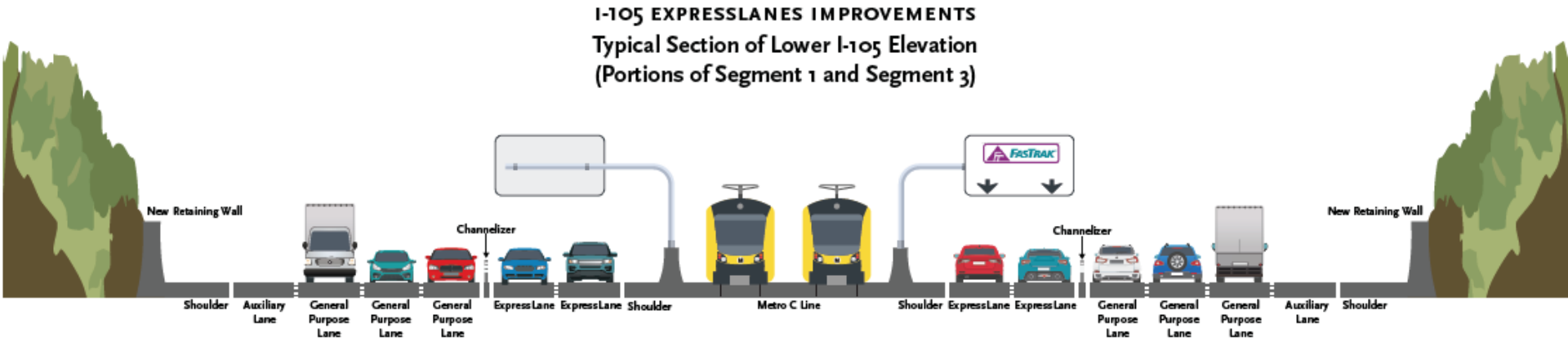


Image is a rough approximation of final roadway configuration

Segment 2 Construction (Central Av – I-710)

> Minor I-105 preconstruction activities completed in summer 2026

- Utility verification
- Field investigatory and surveying activities
- Imperial Hwy/Alameda St utility relocations

> Major construction anticipated to start in late 2026

- New roadway pavement construction
- New soundwall locations/Reconstructed taller soundwalls
- Retaining walls
- Undercrossing/bridge widenings – total of 11
- ExpressLanes toll infrastructure, equipment and electrical systems
- Electrical systems work on city streets
- Landscape/tree removal and restoration

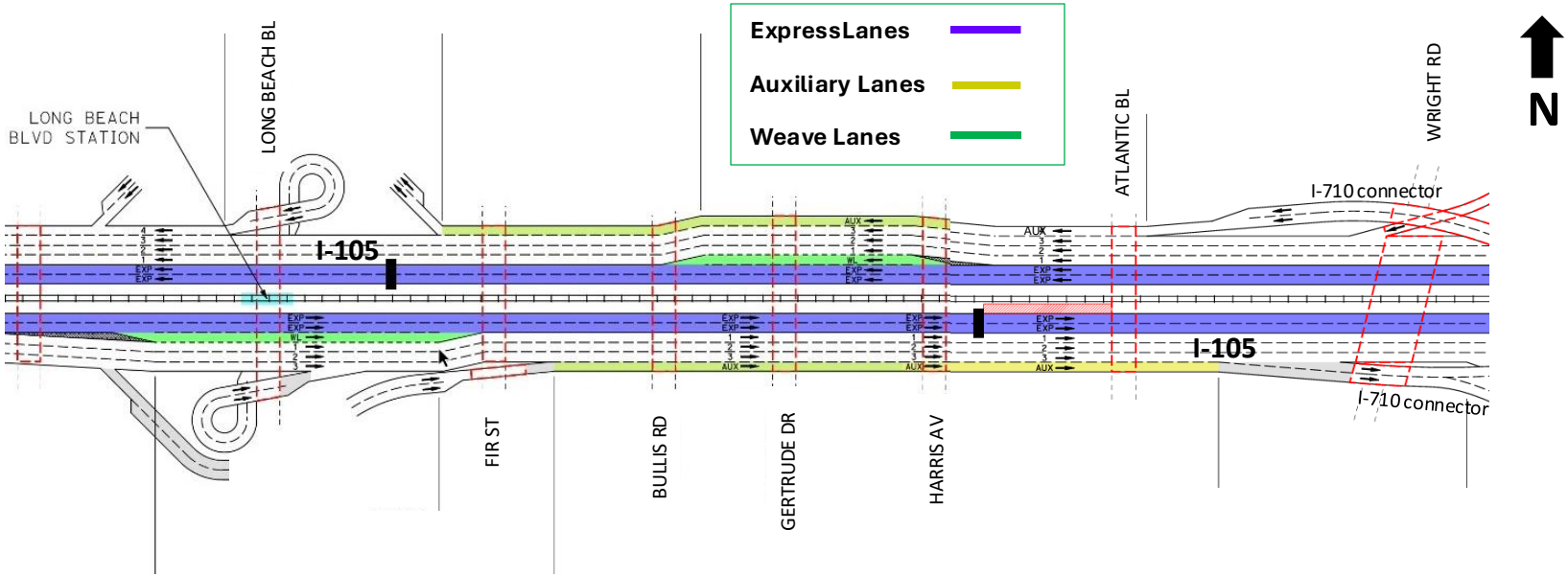


Yukon undercrossing Concrete Pour

Segment 2 – New ExpressLanes Auxiliary and Weave Lanes

> New auxiliary lanes from I-710 to Long Beach Bl in both directions
  - Supporting safer and smoother lane transitions

> New ExpressLanes weave lanes between Long Beach Bl to Harris Av in each direction
  - Supporting safer and smoother lane transitions into and out of the ExpressLanes



Construction Schedule – Segment 2 (I-710 – Central Av)

> Work zone preparation/freeway lane restriping
  - Directional freeway closures (began early November)
  - Ramp repaving work (completed)
  - K-rail(concrete barriers) installation (November)
  - Roadway grinding activities (November)

> Tree and vegetation removal (Starting late November/Early December)

> Freeway undercrossings and roadway pavement construction (anticipated to start late 2026)

> Soundwall, retaining wall, and roadway pavement construction (anticipated to start late 2026)



Newly reconstructed soundwall – south of Crenshaw Bl

I-105 Project Improvements – Segment 2
City of LA/Willowbrook/Lynwood Area



Image is a rough approximation of work zone areas

I-105 Project Improvements – City of Lynwood/Segment 2



Image is a rough approximation of work zone areas

Soundwall/Roadway Pavement Construction Anticipated Timeline

Late 2026

Sound wall demolition

Existing soundwalls to be demolished. Day-time hours anticipated.

Early 2027 to summer 2028

Area grading and foundation work for preparation of new sound wall construction

Mostly day-time work activities, some nighttime work may be required.

Summer 2027 to summer 2028

Sound wall reconstruction

Mostly day-time work activities, some nighttime work may be required.

Summer 2027 to fall 2028

Grading, excavation and paving for new roadway construction

Mostly day-time work activities, some nighttime work may be required.

Construction schedules are subject to change

Undercrossing/Bridge Construction

- Construction anticipated to begin late 2026
- Anticipated completion fall 2028
- Work activities include:
  - Pile driving and/or drilled pile installation work activities
  - Barrier and overhang demolition
  - Excavation, bridge foundation and structure work
  - Falsework installation (bridge support structure)
  - Bridge deck installation
- Mostly daytime work with some nighttime work required at certain locations or streets
- Most work to be conducted with a street closure or traffic reconfiguration, depending on the location
- Occasional late nighttime street closures for work activities at certain streets or locations



Drilled pile installation at Avalon Bl undercrossing/bridge

Undercrossing/bridge construction Traffic Reconfiguration
Willowbrook and Watts Area

Long-term traffic reconfiguration

- Success Av
  - One lane maintained in each direction
  - Anticipated late 2026
- Compton Av (anticipated late 2026)
  - Lane reductions
  - Anticipated late 2026
- Wilmington Av (anticipated early 2027)
  - Lane reductions
  - Anticipated early 2027



Segment 1: Westbound Avalon Bl undercrossing

Construction schedules are subject to change

Undercrossing/Bridge Construction Traffic Reconfiguration
City of Lynwood

> Mona Bl
  - Anticipated late 2026
  - One lane maintained in each direction

> Imperial Hwy/Alameda St
  - Anticipated late 2026
  - Two lanes maintained in each direction

> State St
  - Anticipated late 2026
  - Lane Reductions

> Long Beach Bl
  - Anticipated early 2027
  - At least two lanes maintained in each direction

> Atlantic Bl
  - None, intermittent nighttime traffic control implemented



Freeway undercrossing/bridge falsework on Main St

Construction schedules are subject to change

Imperial Hwy/Alameda St Viaduct Widening and Retrofit

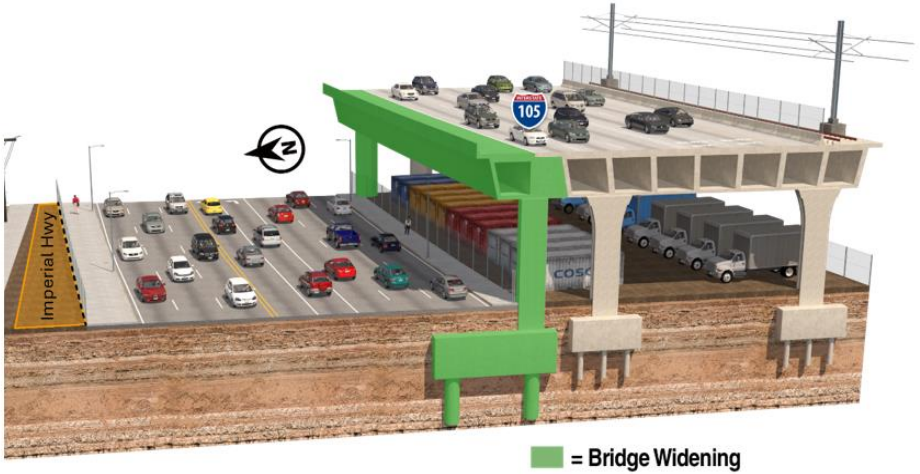
> Anticipated 21month construction duration

> Imperial Hwy traffic reconfiguration

- Long-term lane reductions (Mona Bl to Fernwood Av)
- Anticipated late 2026
- Eastbound bus stop relocation
- Sidewalk closure (south side)
- Truck detour routes

> Work Activities (anticipated late 2026)

- Bridge barrier and overhang demolition
- Pile driving
- Bridge column construction and foundation work
- Bridge desk installation and structure work
- New soundwall construction (between Alameda St and Mona Bl)



Construction schedules are subject to change

Imperial Hwy/Alameda St Traffic Reconfiguration

Imperial Hwy/Alameda St Long-term Traffic Reconfiguration

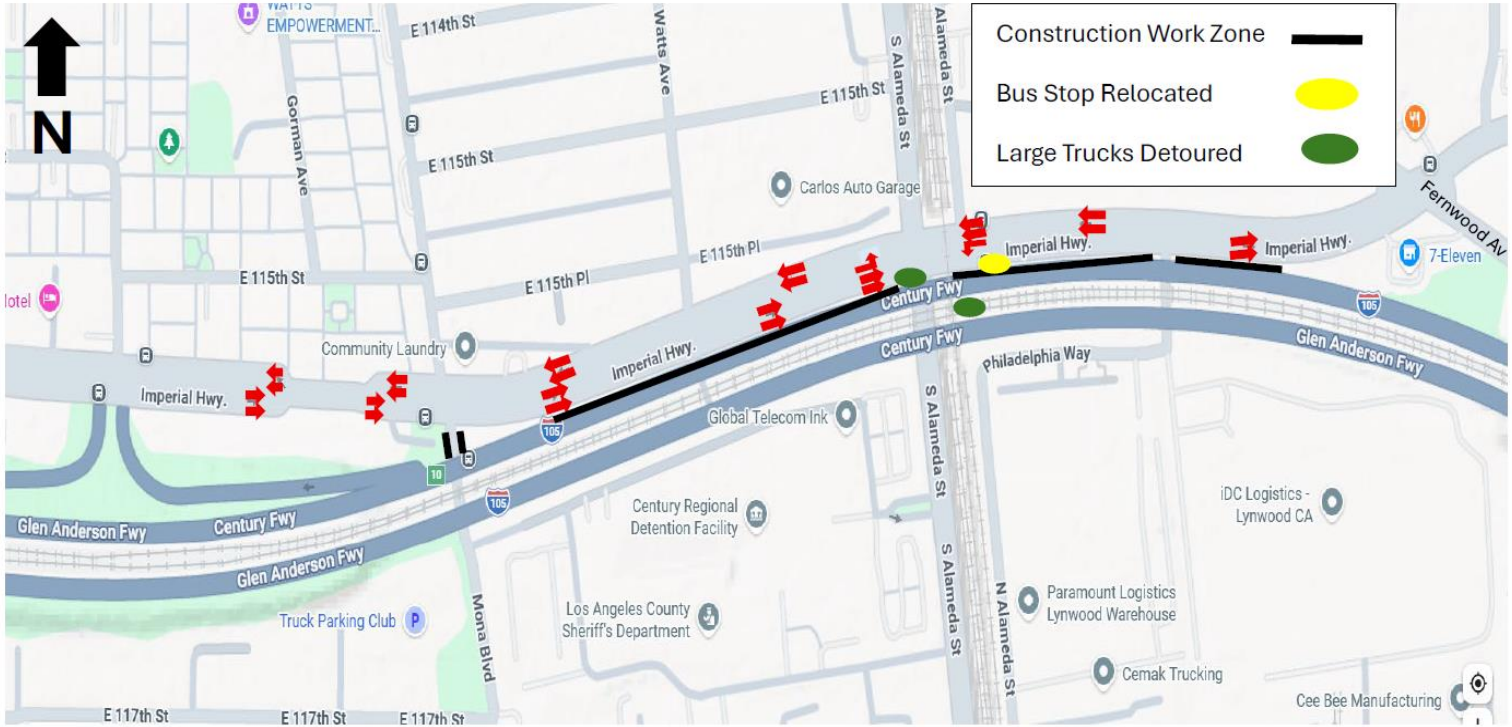


Image is a rough approximation of work zone areas

Undercrossing/Bridge Construction Street Closures – City of Lynwood

- Extended street closures (approximately 9 month)
  - Fir/Spruce St (anticipated summer/fall 2027)
  - Bullis Rd (anticipated December 2026)
  - Gertrude Dr(anticipated summer/fall 2027)
  - Harris Av (anticipated December 2026)

- Allows for heavy bridge work activities to be performed during the day-time hours

- Allows for shorter duration of construction and street closures



Main St full street closure

Construction schedules are subject to change

Roadway Pavement/Soundwall Construction

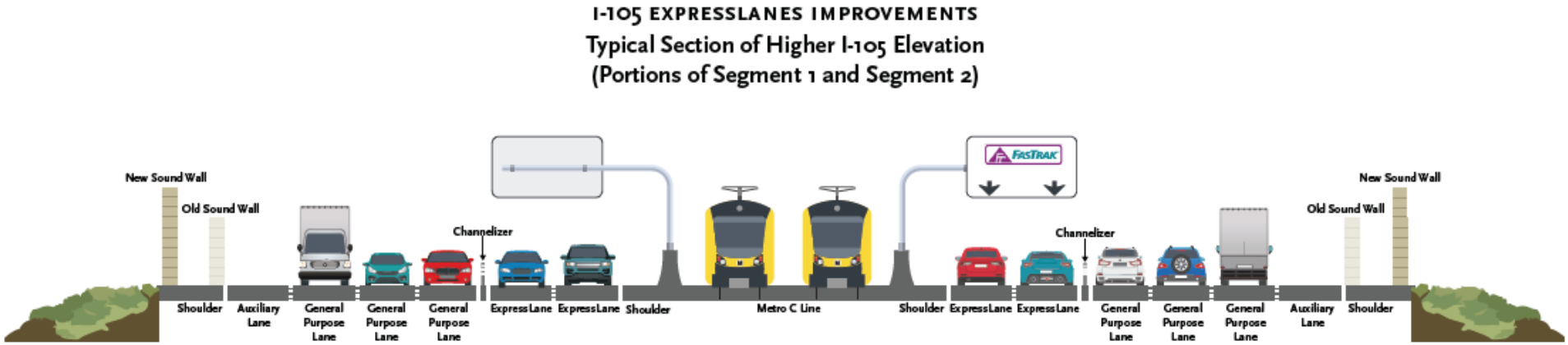


Image is a rough approximation of final roadway configuration

Segment 1: Upcoming And Completed Work Activities

- Completed work activities
  - Roadway paving construction (completed)
  - Soundwall construction (completed)
  - Retaining wall construction (completed)

- Upcoming/outstanding work activities
  - Overhead sign structure work activities (ongoing)
    - Intermittent extended weekend closures (early August 2026 to early 2027)
  - Tree and landscaping installation (ongoing)
  - Roadway restriping (anticipated December 7)
    - Westbound I-105 closures I-110 – I-105 for three nights
  - Electrical work activities (ongoing until fall 2027)



Roadway pavement construction near Vermont Av

Construction schedules are subject to change

Freeway Traffic Control/Closures

Intermittent Freeway Traffic Control/Closures

> Regular nightly I-105 traffic control to support work activities:
  - Freeway lane closures
  - Intermittent on & off ramp closures
  - Intermittent connector ramp closures

> Extended weekend lane closures
  - Series of multiple closures for median sign structure work
  - Inside/center 2 lane closures
  - Implemented intermittently from spring 2026 to early 2027
  - Additional dates anticipated in early 2027



Median sign foundation work

Segment 2 Full Directional Closures /Freeway Lanes Restriping

Freeway restriping work activities

> Eastbound I-105 (I-710 – Central Av)
  - 3 nights completed
  - Eastbound I-105 (I-710 – Central Av) fully restriped

> Westbound I-105 (Garfield Av - 110)
  - Two nights completed
  - Two more nights anticipated (resuming 11/17)
  - Typical closures hours between 11 PM – 5 AM
  - Traffic detours implemented





Segment 1Full Directional Closures/Freeway Lanes Restriping

> Anticipated closures schedule

- Westbound I-105 between I-110 to I-405
- Anticipated starting 12/7 for three nights

> Closure details:

- Series of nighttime full directional closures
- Scheduled over multiple days between 11 PM – 5 AM
- Traffic detours implemented
- Advance signage in place to alert motorists
- Work zones and concrete barriers moved to center median

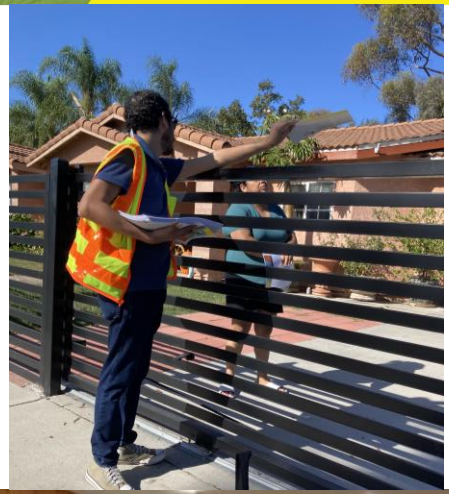


Segment 1: Overhead signage removal on the eastbound I-105 near Vermont Av

Community Outreach & Engagement

Community Outreach and Engagement

- Coordination with key stakeholders
- Targeted community group briefings
- Construction Update Community Meetings
- Construction Notices
  - Hard copy distribution
  - Email/Website/Social Media
  - Direct mail or door-to-door distribution
- Community Events
- Coordination with Metro Public Relations
- Media Buys
- Project hotline, email, and website
- Elected Official/City briefings
  - Project updates
  - Stakeholder coordination
  - City Council concurrence
  - Construction mitigation





Community Outreach – Station Activations Events

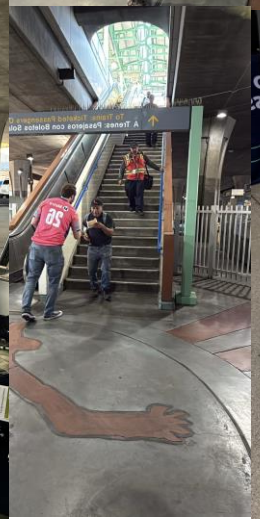
<u>Metro C Line Station Activation Events</u>

- Latino Heritage Month Celebrations
- I-105 ExpressLanes and Metro Outreach
- Approximately 2,000 Metro riders reached
- Metro C Line Stations along the I-105 corridor:
    - Norwalk
    - Lakewood
    - Lynwood
    - Willowbrook/Rosa Parks











Stay connected to this project.

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Metro.net/105expresslanes

Questions/Comments