Agenda

Section 1

• 2017 Accomplishments
• TBM Art and Naming Contest
• MOW 64 Facility
• Project Construction Updates:
  • Wilshire/Western - Closures
  • Wilshire/La Brea
  • Wilshire/Fairfax
  • Wilshire/La Cienega
• Safety
• Eat Shop Play
• Business Interruption Fund
• Questions & Answers
### Sections 1, 2 & 3 Status

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

<table>
<thead>
<tr>
<th>Section</th>
<th>Length</th>
<th>New Stations</th>
<th>Forecasted Schedule</th>
</tr>
</thead>
</table>
| Section 1 | 3.92 Miles | Wilshire/La Brea  
Wilshire/Fairfax  
Wilshire/La Cienega | 2014-2015  
2015 - 2023  
2023 |
| Section 2 | 2.59 Miles | Wilshire/Rodeo  
Century City/Constellation | 2016 - 2018  
2018 – 2025  
2025 |
| Section 3 | 2.59 Miles | Westwood/UCLA  
Westwood/VA Hospital | 2018 – 2020  
2020 – 2026  
2026 |
2017 Accomplishments

Section 1

• Completed Wilshire/La Cienega decking weekend closures 5 weekends ahead of schedule
• Installed 400+ soldier piles for the Wilshire/La Cienega station
• Completed installation of piles and completed decking weekend closures five weeks ahead of schedule at Wilshire/Fairfax
• Approximately 40% complete with the excavation for the Wilshire/Fairfax station
  • Approximately 60,000 cubic yards of material have been removed at Wilshire/Fairfax
• Completed the excavation at the Wilshire/La Brea station, removing approximately 225,000 cubic yards of material
  • Concrete work and preparation for tunneling is underway
• Started the work to connect to the existing Purple Line at Wilshire/Western
• Performed jet grouting at 13 locations along the 4-mile construction alignment from 2016-2017
Tunnel Boring Machines
Art and Naming Contest – Polls Open

VOTE NOW
Choose your favorite art & names.

Vote for Names
- Castor | Pollux
- Elsie | Soyeon
- Abeona | Adiona
- Rosa | Milagros
- Genesis | Nova

Vote Polldaddy.com
Purple Line Maintenance Facility

Maintenance Facility
- Located in the Arts District, near 6th St Bridge
- 590 S Santa Fe Av

Current Work
- Building foundation footings being poured
- Trailer offices have been established onsite
- Wall along north side of property has been poured
- Local access will be maintained at all times
# Wilshire/Western Connection Schedule

*As of January 2018, subject to change*

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<tr>
<th>Activity Name</th>
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Wilshire/Western Connection

Upcoming Work

- Construction activities between Wilshire Bl/Manhattan Pl and Wilshire Bl/Western Av:
  - Utility work
  - Pile installation
  - Jet grouting
  - Decking, excavation
  - Dewatering
  - Instrumentation

Location of construction on Wilshire Bl at Western Av, minor instrumentation and dewatering work will intermittently extend onto Manhattan Pl.
Work Zone at Wilshire/Western looking southwest
Wilshire/Western Connection
Temporary Work Zones

Comparable work zone formerly at Wilshire/La Brea

Rendering of work zone showing pile installation

Typical Wilshire-facing signage for businesses
Wilshire/Western Connection
Full Closure Weekend Schedule

Phase 1: Wilshire Bl closed between Western Av and Manhattan Pl
- 4 weekends, October – November 2017

Phase 2: Wilshire Bl closed between Western Av and Manhattan Pl
- 10 Weekends, December 2017 – February 2018

Phase 3: Wilshire Bl closed between Western Av and Manhattan Pl
- February 16 at 9pm – February 26 at 6am

• All full closure weekends are Friday night at 9pm – Monday morning at 6am

*Dates subject to change
Wilshire/Western Connection
Full Closure of Wilshire Bl February 16-26, 2018 for Decking

Extended Closure Schedule

- Friday, February 16 at 9pm – implement full closure
- Monday, February 26 at 6am – remove full closure, open Wilshire Bl
- Full closure will remain in place for the full duration
- Work hours – continuous – 24/7

Extended Closure Schedule Benefits/Features

- Reduces the number of weekend full closures by 5 weekends
- Reduces the number of nights worked from 21 days to 10 days
- Closure occurs over Presidents Day (2/19/18), reduced impacts to daily commuters
- Weekends of February 16-19 and February 23-26 were planned full closure work weekends

Blue: Full closure of Wilshire Bl, 9pm, February 16 – 6am, February 26
Wilshire/Western Connection

Full Weekend Closure of Wilshire Bl for Western

Closures:
• Westbound Wilshire Bl closed at Western Av
• Eastbound Wilshire Bl closed at Crenshaw Bl

Local Access:
• Local access maintained to Wilshire Bl from all local streets

Detours:
• **Eastbound:** Wilshire Bl → Crenshaw Bl → Olympic Bl → Western Av → Wilshire Bl
• **Westbound:** Wilshire Bl → Western Av → Olympic Bl → Crenshaw Bl → Wilshire Bl
Wilshire/Western Connection
Pile Installation Details

Typical Work Hours:
• 6am-10 pm for drilling and setting of piles
• 11pm-7am for support activities

Lane Reductions and Closures:
• Wilshire will be reduced to two lanes in each direction.
• Additional weekend full closures of Wilshire Bl will be required; these started October 2017

Sound Mitigation
• Design-builder must comply with City of Los Angeles noise requirements
• Noise control signage
• Low-impact back-up alarms during night work
• Acoustical insulation
• Metro 5-Step Noise Plan
Wilshire/Western Connection

Decking

Where: On Wilshire Bl, between Manhattan Pl and Western Av

What: Construction of a concrete deck that forms a temporary street on Wilshire Bl; Similar system used for La Brea and Fairfax stations

When: Anticipated February 2018

How:
• Will require full closures of Wilshire Bl
• Schedule, sequence and detour information to be published prior to closures

*Dates subject to change
Jet Grouting

- Jet grouting is a soil improvement construction process that will strengthen the soil with concrete to support tunneling
- Work activities include: potholing, street level excavation, drilling, trucking, and use of cement silos, pumps, generators
- Will be done from the work zone on Wilshire Bl on weekdays and will require additional weekend closures of Wilshire Bl
- **Typical work hours:** 7am-11pm

*Anticipated January – February 2018

Typical jet grouting operation; the design-builder has completed many jet grouting operations on Purple Line Extension
Jet Grouting Traffic Control

- Work zone set up in two center lanes of Wilshire Bl at Norton Av this month
- Work area separated by K-rail and fences
- Lanes reduced to two lanes each direction at jet grouting locations
- Off-peak weekday closures and weekend directional closures for Wilshire Bl
- Bus stops will be temporarily relocated as required

Location of jet grouting site at Wilshire Bl/Norton Av scheduled to be removed in February 2018
Wilshire/La Brea Station
Rendering shows length of the Wilshire/La Brea underground station box on Wilshire Bl from Orange Dr to Detroit St.
### Wilshire/La Brea Station Schedule

*As of January 2018, subject to change*

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*Note: The table represents the schedule for various activities at Wilshire/La Brea Station, with specific quarters marked for each year.*
Installing HDPE liner to protect station from water and gases
Center opening is a large underground access shaft located behind concrete barriers at Wilshire/Sycamore.

The project needs to continue to utilize the center opening thru February 2020 to accomplish the following work associated with Wilshire/La Brea station construction:

- Structural concrete
- Removal of excavation support system
- Tunneling equipment and support
- Mechanical equipment installation

Work will occur either with the current work zone in place with limited ‘sign and cone’ closures, or under almost daily sign and cone closures.
Why the center opening?

- **Safety**: it’s the safest method for both the public and the workers to complete the work
- **Traffic**: it creates a static traffic pattern, rather than a variety of sign and cone closures that would change daily
- **Noise**: it allows for more robust noise mitigation and a better contained work zone than sign and cone closures, also allows the work to be scheduled primarily during daytime hours than with traffic restrictions for sign and cone closures

The project is working with the local community and stakeholders near Wilshire/La Brea, detailed presentation on the center opening is online at [metro.net/purple](http://metro.net/purple)
Wilshire/Fairfax Station
Rendering shows length of the Wilshire/Fairfax underground station box on Wilshire Blvd from west of Fairfax Av to just west of Ogden Dr
Wilshire/Fairfax Station

Excavation at level C, approximately 130 – 133 ft
Jet Grouting
Wilshire Bl Between San Vicente Bl and Crescent Heights Bl

Jet Grouting Traffic Control

- Work zone set up in two center lanes of Wilshire Bl between San Vicente Bl and Crescent Heights Bl
  - Anticipated to start in late-February and be in place for 8-12 weeks.
- Work area separated by K-rail, fencing, and sound blankets
- Lanes reduced to two lanes each direction at jet grouting locations
  - Left turns prohibited at Crescent Heights Bl
- Left turns and U-turns available at La Jolla Av
- Off-peak weekday closures and weekend directional closures for Wilshire Bl
- Bus stops will be temporarily relocated as required
  - Temporary parking restrictions on Wilshire Bl will be implemented.

Location of jet grouting site on Wilshire Bl between San Vicente Bl and Crescent Heights Bl scheduled to start in February
Jet Grouting
Wilshire Bl Between San Vicente Bl and La Jolla Av

Jet Grouting Traffic Control
- Work zone set up in two center lanes of Wilshire Bl between San Vicente Bl. and La Jolla Av
  - Anticipated to start in Spring 2018 and be in place for 6-8 weeks
- Work area separated by K-rail, fencing, and sound blankets
- Lanes reduced to two lanes each direction at jet grouting locations
  - Left turns prohibited at La Jolla Av
- Left turns and U-turns available at Crescent Height Bl
- Off-peak weekday closures and weekend directional closures for Wilshire Bl
- Bus stops will be temporarily relocated as required
  - Temporary parking restrictions on Wilshire Bl will be implemented

Location of jet grouting site on Wilshire Bl between San Vicente Bl and La Jolla Av scheduled to start in Spring 2018
Wilshire/La Cienega Station
Wilshire/La Cienega Station

Rendering shows length of the La Cienega underground station box on Wilshire Bl from La Cienega Bl to Tower Dr
# Wilshire/La Cienega Station

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![Diagram](image-url)
Wilshire/La Cienega Station
Decking Construction – COMPLETED 5 WEEKENDS EARLY

Laying and welding deck beams across Wilshire Bl and Gale Dr
Wilshire/La Cienega
Upcoming Work, June 2018

• Work zone removal on Wilshire Blvd, between La Cienega Blvd and San Vicente Blvd, is anticipated in June 2018
• Work zone on the north side of Wilshire (concrete barriers, fencing and noise mitigation blankets) will be substantially removed
• Wilshire Blvd: 3 Lanes in each direction!
• Left turn movements on Wilshire Blvd are anticipated to return at Hamilton Dr and Gale Dr

Location of the current work zone on Wilshire Blvd between La Cienega Blvd and San Vicente Blvd
Wilshire/La Cienega
Upcoming Work, June 2018

- Work zone set-up for jet grouting construction on Wilshire between Carson and La Cienega anticipated in June 2018
- Center work zone will be installed (with concrete barriers, fencing and noise mitigation blankets) for 8-12 weeks

**Work zone:** Center lanes of Wilshire Bl, with two lanes of traffic in each direction

- Left turn and thru movements will be restricted from Stanley Dr and Le Doux Rd at Wilshire Bl

**Work hours:**
- 7am-8pm for drilling activities
- 8pm-10pm for support activities
- Intermittent off-peak hour weekday closures and weekend directional closures are anticipated
- Bus stops will be temporarily relocated and parking will be temporarily restricted on Wilshire Bl between Carson Rd and La Cienega Bl

Location of the new work zone that will be installed on Wilshire Bl between Carson Rd and La Cienega Bl
Wilshire/La Cienega

Jet grouting example

Example of jet grouting from San Vicente Bl and Wilshire Bl
Additional Parking
Wilshire and La Cienega alignment

- Repainting of existing red curbs into future grey curbs for added parking
- Construction mitigation paid for by Metro

Locations of Re-Painting:
- Hamilton Dr
- Gregory Wy
- Gale Dr
- Tower Dr
Help Us Keep You Safe

Purple Line Extension
24/7 Project Hotline - 213.922.6934
Email – purplelineext@metro.net

On Metro Transit
See Something, Say Something
888.950.SAFE (7233)

Construction Safety Awareness Program
Glyssa Alcazar, Community Relations Officer
Email: alcazarg@metro.net
Phone: 323.900.2192

City of Beverly Hills
PurpleLine@beverlyhills.org
Public Works Customer Service: 310.285.2467
# New Partners in 2017

<table>
<thead>
<tr>
<th>Business Name</th>
<th>Category</th>
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<tr>
<td>Aladdin Used Bookstore</td>
<td>Our Unique Style</td>
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<tr>
<td>Bird on the Tree</td>
<td>Personal Dental Office &amp; Orthodontics</td>
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<tr>
<td>BootCamp LA</td>
<td>Prism Art School</td>
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<td>Ca’Brea Italian Kitchen &amp; Bar</td>
<td>Rascal</td>
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<td>Cinema Suites Bed &amp; Breakfast</td>
<td>Rebecca Molayem Gallery &amp; Studio</td>
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<td>Commerson</td>
<td>The Hair Parlor on 8th</td>
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<td>Wilshire Beauty</td>
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<td>Wilshire Foot Spa</td>
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## New Partners in 2017

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<th>Boss Sushi</th>
<th>Nail Bar LA Beverly Hills</th>
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<td>John Vance Hathaway Hair</td>
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<td>Lashes by Shigeru</td>
<td>Tutta Post Trattoria</td>
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Neapolitan for “It’s all good”

Tutt'a Post' Trattoria

Italian Restaurant | Neapolitan | Family Owned

Tutt'a Post' Trattoria
235 S. La Cienega Bl
Beverly Hills, CA 90211
Metro Business Interruption Fund

Helping local businesses as we build.
Update as of 1/5/18
Financial assistance to small “mom & pop” businesses with 25 or fewer 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.

To date, more than $12.4 million awarded to 268 small businesses along all three project areas.
Purple Line Extension, Section 1

- BIF Grants Awarded: 139
- BIF Grant Amount Awarded: $3,383,760.14
- Number of small businesses awarded: 59

BIF Business Advisor: Brian Lazo

- Pacific Coast Regional Small Business Development Corporation (PCR)
  - Phone: 213.739.2999
Updates on La Cienega and Rodeo Stations

February 7, 2018
6:30pm – 8pm

Beverly Hills City Hall
Municipal Gallery
455 N Rexford Dr
Beverly Hills, CA 90210
Next Community Meeting

Section 1, Quarterly Meeting

Section 1: Construction Community Meeting

April 19, 2018

6pm – 7:30pm

Pio Pico Library – Koreatown Branch
694 S Oxford Av
Los Angeles 90005
Stay in Touch

213.922.6934

purplelineext@metro.net

metro.net/purplelineext

@purplelineext

facebook.com/purplelineext