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**Agenda - Final**

**Thursday, September 17, 2020**

**10:30 AM**

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Los Angeles, CA 90012

**Construction Committee**

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*Jacquelyn Dupont-Walker*

*Robert Garcia*

*John Bulinski, non-voting member*

*Phillip A. Washington, Chief Executive Officer*

## **METROPOLITAN TRANSPORTATION AUTHORITY BOARD RULES**

### **(ALSO APPLIES TO BOARD COMMITTEES)**

#### **PUBLIC INPUT**

A member of the public may address the Board on agenda items, before or during the Board or Committee's consideration of the item for one (1) minute per item, or at the discretion of the Chair. A request to address the Board must be submitted electronically using the tablets available in the Board Room lobby. Individuals requesting to speak will be allowed to speak for a total of three (3) minutes per meeting on agenda items in one minute increments per item. For individuals requiring translation service, time allowed will be doubled. The Board shall reserve the right to limit redundant or repetitive comment.

The public may also address the Board on non agenda items within the subject matter jurisdiction of the Board during the public comment period, which will be held at the beginning and/or end of each meeting. Each person will be allowed to speak for one (1) minute during this Public Comment period or at the discretion of the Chair. Speakers will be called according to the order in which their requests are submitted. Elected officials, not their staff or deputies, may be called out of order and prior to the Board's consideration of the relevant item.

Notwithstanding the foregoing, and in accordance with the Brown Act, this agenda does not provide an opportunity for members of the public to address the Board on any Consent Calendar agenda item that has already been considered by a Committee, composed exclusively of members of the Board, at a public meeting wherein all interested members of the public were afforded the opportunity to address the Committee on the item, before or during the Committee's consideration of the item, and which has not been substantially changed since the Committee heard the item.

In accordance with State Law (Brown Act), all matters to be acted on by the MTA Board must be posted at least 72 hours prior to the Board meeting. In case of emergency, or when a subject matter arises subsequent to the posting of the agenda, upon making certain findings, the Board may act on an item that is not on the posted agenda.

**CONDUCT IN THE BOARD ROOM** - The following rules pertain to conduct at Metropolitan Transportation Authority meetings:

**REMOVAL FROM THE BOARD ROOM** The Chair shall order removed from the Board Room any person who commits the following acts with respect to any meeting of the MTA Board:

- a. Disorderly behavior toward the Board or any member of the staff thereof, tending to interrupt the due and orderly course of said meeting.
- b. A breach of the peace, boisterous conduct or violent disturbance, tending to interrupt the due and orderly course of said meeting.
- c. Disobedience of any lawful order of the Chair, which shall include an order to be seated or to refrain from addressing the Board; and
- d. Any other unlawful interference with the due and orderly course of said meeting.

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## DISCLOSURE OF CONTRIBUTIONS

The State Political Reform Act (Government Code Section 84308) requires that a party to a proceeding before an agency involving a license, permit, or other entitlement for use, including all contracts (other than competitively bid, labor, or personal employment contracts), shall disclose on the record of the proceeding any contributions in an amount of more than \$250 made within the preceding 12 months by the party, or his or her agent, to any officer of the agency, additionally PUC Code Sec. 130051.20 requires that no member accept a contribution of over ten dollars (\$10) in value or amount from a construction company, engineering firm, consultant, legal firm, or any company, vendor, or business entity that has contracted with the authority in the preceding four years. Persons required to make this disclosure shall do so by filling out a "Disclosure of Contribution" form which is available at the LACMTA Board and Committee Meetings. Failure to comply with this requirement may result in the assessment of civil or criminal penalties.

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**NOTE: ACTION MAY BE TAKEN ON ANY ITEM IDENTIFIED ON THE AGENDA**

**CALL TO ORDER****ROLL CALL**

27. **SUBJECT: PROGRAM MANAGEMENT MAJOR PROJECT STATUS REPORT** [2020-0554](#)

**RECOMMENDATION**

RECEIVE oral report on the Major Project Status by the Chief Program Management Officer.

**Attachments:** [Attachment A - Program Management Major Project Status Report](#)

28. **SUBJECT: ENVIRONMENTAL CONSTRUCTION WASTE HANDLING SERVICES** [2020-0512](#)

**RECOMMENDATION**

AUTHORIZE the Chief Executive Officer to:

- A. Increase the total authorized funding for Contract No. PS20655 with TRC Solutions Inc. for Environmental Construction and Waste Handling Services in the amount of \$8,000,000, increasing the Total Contract Funding limit from \$66,800,000 to \$74,800,000, and
- B. Execute all individual Task Orders and changes within the new Board approved contract funding amount.

- SUBJECT: GENERAL PUBLIC COMMENT** [2020-0602](#)

RECEIVE General Public Comment

Consideration of items not on the posted agenda, including: items to be presented and (if requested) referred to staff; items to be placed on the agenda for action at a future meeting of the Committee or Board; and/or items requiring immediate action because of an emergency situation or where the need to take immediate action came to the attention of the Committee subsequent to the posting of the agenda.

**COMMENTS FROM THE PUBLIC ON ITEMS OF PUBLIC INTEREST WITHIN COMMITTEE'S SUBJECT MATTER JURISDICTION**

**Adjournment**



## Board Report

File #: 2020-0554, File Type: Oral Report / Presentation

Agenda Number: 27.

### CONSTRUCTION COMMITTEE SEPTEMBER 17, 2020

**SUBJECT: PROGRAM MANAGEMENT MAJOR PROJECT STATUS REPORT**

**ACTION: ORAL REPORT**

#### **RECOMMENDATION**

RECEIVE oral report on the Major Project Status by the Chief Program Management Officer.

#### **DISCUSSION**

Update report covering the month of September 2020 by the Chief Program Management Officer.

#### **ATTACHMENTS**

Attachment A - Program Management Major Project Status Report

Prepared by:

- **Crenshaw/LAX** - Sameh Ghaly, Sr EO Project Mgmt., (213) 418-3369
- **Regional Connector** - Gary Baker, EO Project Mgmt., (213) 893-7191
- **Westside Purple Line Ext 1** - James Cohen, EO Project Mgmt., (213) 922-7911
- **Westside Purple Line Ext 2** - Michael McKenna, EO Project Mgmt., (213) 312-3132
- **Westside Purple Line Ext 3** - Kimberly Ong, EO Project Mgmt., (323) 903-4112
- **Patsaouras Plaza Busway Station** - Timothy Lindholm, EO Project Engr., (213) 922-7297
- **Willowbrook/Rosa Park Station** - Timothy Lindholm, EO Project Engr., (213) 922-7297
- **I-210 Barrier Replacement** - Androush Danielians, EO Project Engr., (213) 922-7598
- **I-5 North** - Abdollah Ansari, Sr EO Construction & Engr., (213) 922-4781
- **I-5 South** - Abdollah Ansari, Sr EO Construction & Engr., (213) 922-4781
- **Presentation** - Yohana Jonathan, Princ. Prog. Mgmt. Analyst, (213) 418-3031



Phillip A. Washington  
Chief Executive Officer

# **Program Management Major Project Status Report**

Presented By

**Richard Clarke**

Chief Program Management Officer





















# Covid 19 Impacts

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- Construction proceeding as an essential service
- Safety protocols are required and monitored
- Contractors doing well assuring safety of workers and completing work
- Metro tracks reported positive cases with follow-up including cleaning of site, contact tracing and self-quarantine
- We have received some notification of impacts to work
- Each impact claim will be assessed consistent with contract terms (i.e. force majeure)



# PROJECT BUDGET & SCHEDULE STATUS SUMMARY CHART

| Project                                   | Cost Performance                                                                    | Schedule Performance                                                                | Comments                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Crenshaw/LAX                              |    |    | Project is 96.1% complete. Contractor needs to increase work force to achieve substantial completion by December 2020. Revised forecast for revenue operations to 2021.                                                                                                                                                                                                                                               |
| Regional Connector                        |    |    | Project is 69% complete and proceeding on schedule and within budget.                                                                                                                                                                                                                                                                                                                                                 |
| Westside Purple Line Extension-Section 1  |    |    | Project is 64% complete. Reviewing any impacts differing site conditions and third party requirements may have on the project schedule.                                                                                                                                                                                                                                                                               |
| Westside Purple Line Extension-Section 2  |    |    | Project is 34% complete and proceeding on schedule and within budget.                                                                                                                                                                                                                                                                                                                                                 |
| Westside Purple Line Extension-Section 3  |    |    | Project is 14% complete and proceeding on schedule and within budget.                                                                                                                                                                                                                                                                                                                                                 |
| Patsaouras Plaza                          |    |    | Project is 90% complete and Substantial Completion is anticipated to be achieved in late September 2020.                                                                                                                                                                                                                                                                                                              |
| Willowbrook/Rosa Parks Station            |    |    | Blue Line Platform and Mezzanine Finishes and Vertical Circulation work ongoing while station is in operation. Customer Center, Mobility Hub + Public Plaza and promenade finalizing preparations for turnover to Metro. Package B early work demolition and grading has begun. Southern Ped Crossing on schedule to open late August/early September.                                                                |
| I-210 Barrier Replacement                 |   |   | Project 1 Final PS&E Package under review, approval anticipated in September 2020. Metro and Caltrans have clearly identified the best path forward to keep the disruption to freeway traffic and Metro operations to a minimum for Project 2; it involves seeking a design variance from Caltrans. Development of the Project 2 PSR-PR is underway. PSR-PR for Project 2 is expected to be completed in August 2021. |
| I-5 North:<br>SR 118 to SR 134            |  |  | Segment 1 and 2 are completed.<br>Segment 3 (Empire Ave & Burbank) is 83% complete. Segment 4 (Magnolia to SR-134) is 97% complete and began the plant establishment phase on June 1, 2020.                                                                                                                                                                                                                           |
| I-5 South:<br>Orange County Line to I-605 |  |  | Segments 1, 3, and the Carmenita Interchange are completed.<br>Segment 2 (Valley View) is 66% complete. Segment 4 (Imperial) is 97% complete and began the plant establishment phase on Jan 31, 2020. Segment 5 (Florence) is 90% complete.                                                                                                                                                                           |

September 2020

Construction Committee

Los Angeles County Metropolitan Transportation Authority



On target



Possible problem



Significant Impact



Metro 3

# CRENSHAW/LAX TRANSIT PROJECT

## ◆ BUDGET

|            | <u>Current</u> | <u>Forecast</u> |
|------------|----------------|-----------------|
| TOTAL COST | \$2,148M       | \$2,148M        |

## ◆ SCHEDULE

|                   | <u>Current</u> | <u>Forecast</u> |
|-------------------|----------------|-----------------|
| REVENUE OPERATION | May 2021       | June 2021*      |

- Overall Project Progress is 96.1% complete.
- Contractor continues rework for trackwork and underground stations conduits.
- Contractor continues work at all stations and street work restoration/landscaping across Project.
- Concerned that contractor is not applying sufficient work force to complete their remaining work and their systems testing by December 2020.



Excavating/removing section of pavement for restoration on southbound Crenshaw Blvd and 54th St.



Continue installing supports and fixtures for the crossover lighting at the invert level of Expo/Crenshaw Station.

September 2020



On target



Possible problem



Significant Impact



Metro 4

Construction Committee

Los Angeles County Metropolitan Transportation Authority

\*Contractor Substantial Completion: Winter 2020

# REGIONAL CONNECTOR TRANSIT PROJECT

## BUDGET

|            | <u>Current</u> | <u>Forecast</u> |
|------------|----------------|-----------------|
| TOTAL COST | \$1,816M       | \$1,816M        |

## SCHEDULE

|                   | <u>Current</u>   | <u>Forecast</u>  |
|-------------------|------------------|------------------|
| REVENUE OPERATION | Summer/Fall 2022 | Summer/Fall 2022 |

- Overall Project Progress is 69% complete.
- Little Tokyo/Arts District Station & Surrounding Area:** Continue structural concrete on upper levels and backfill at 1st/Alameda intersection. Preparations underway for decommissioning Gold Line Little Tokyo/Arts District Station late October.
- Historic Broadway Station:** Structural concrete, MEP and systems continues within the Station, Cavern and Entrance.
- Grand Av Arts/Bunker Hill Station:** Structural concrete, MEP and systems installation continues throughout the Station; continue installation of pre-cast floating slab segments within the station box area.
- Flower Street:** Installation of walls and roof continue along south Flower, while backfill progresses along northern segment.
- Track:** Completed installation of pre-cast anti-vibration floating slabs. Balance of trackwork continues.



Direct Fastener plates and track assembled in left tunnel  
Reach 2



Aluminum shoring installation for roof deck the future  
Little Tokyo/Arts District Station

September 2020



On target



Possible problem



Significant Impact

Construction Committee

Los Angeles County Metropolitan Transportation Authority



Metro 5



# WESTSIDE PURPLE LINE EXTENSION – SECTION 1

## BUDGET

|                    | <u>Current</u>  | <u>Forecast</u> |
|--------------------|-----------------|-----------------|
| <b>TOTAL COST*</b> | <b>\$3,354M</b> | <b>\$3,354M</b> |

\* Includes Board approved LOP budget plus finance costs.

## SCHEDULE

|                   | <u>Current</u>     | <u>Forecast</u> |
|-------------------|--------------------|-----------------|
| <b>REVENUE</b>    | <b>Fall</b>        | <b>Fall</b>     |
| <b>OPERATIONS</b> | <b>2024 (FFGA)</b> | <b>2023</b>     |

- Overall Project Progress is 64% complete.
- Wilshire/Western Retrieval Shaft:** Continued support of Reach 1 cross passage construction. Break through into Wilshire/Western Station continues.
- Wilshire/La Brea Station:** Station structure concrete work continues including 2<sup>nd</sup> lift exterior walls and concrete roof placement . Appendage #1 construction at Wilshire/Orange has commenced.
- Wilshire/Fairfax Station:** Entrance plaza structure and appendage work continue. Concourse level rebar installation is underway.
- Wilshire/La Cienega Station:** 2nd lift wall concrete placement (Blocks 3-7) completed on August 3, 2020. Roof form assembly to follow. 2nd lift wall HDPE placement (Blocks 10 – 14) is underway.
- Tunneling:** As of August 9, 2020, the Purple TBM (Elsie) has mined 1,638 feet (50% complete) and the Red TBM (Soyeon) has mined 1,269 feet (39% complete) of the Reach 3 tunnel.
- Reach 1 Tunnel Cross Passages (CP):** 5 out of 12 cross passages have been excavated. HDPE, rebar installation and concrete placement continue at various cross passages. Completion is anticipated in November 2020.
- Reviewing any impacts differing site conditions and third party requirements may have on the project schedule.



Wilshire/Fairfax Station Concourse Rebar Installation



View of Reach 1 Cross Passage #8



# WESTSIDE PURPLE LINE EXTENSION – SECTION 2



## BUDGET

|                    | <u>Current</u>  | <u>Forecast</u> |
|--------------------|-----------------|-----------------|
| <b>TOTAL COST*</b> | <b>\$2,530M</b> | <b>\$2,530M</b> |

\* Includes Board approved LOP budget plus finance costs.



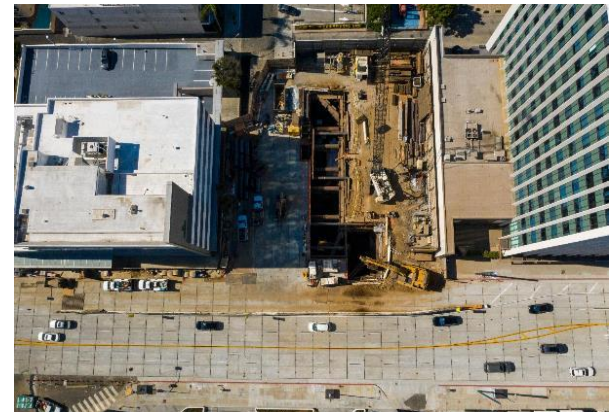
## SCHEDULE

|                          | <u>Current</u>            | <u>Forecast</u>    |
|--------------------------|---------------------------|--------------------|
| <b>REVENUE OPERATION</b> | <b>Winter 2026 (FFGA)</b> | <b>Summer 2025</b> |

- Overall Project progress is 35% complete as of July 2020.
- Century City Constellation Station**
  - Pile installation in Constellation Blvd west of the launch box is anticipated to be complete by October 2020.
  - Decking operations west of the launch box are anticipated to be complete by November 2020.
- Wilshire/Rodeo Station**
  - Excavation of the station box started in June 2020 and is anticipated to be complete in the first quarter of 2021.
- Tunneling**
  - Excavation of the tunnel access shaft is complete. Tunneling operations will be transitioned to the access shaft after each TBM passes through the shaft.
  - The abandonment of the two legacy oil wells by BHUSD's contractor is ongoing with oversight by CalGEM.
  - The re-launch of the BL TBM (Ruth) from the tunnel access shafts is anticipated in September 2020.
  - Excavation of the BR tunnel began on July 20, 2020. The re-launch of the BR TBM (Harriet) will occur after completion of the oil well abandonment work by BHUSD.



Pile Installation West of the Launch Box in Century City



Excavation of the Station Entrance in Beverly Hills

September 2020



On target



Possible problem



Major issue

Construction Committee

Los Angeles County Metropolitan Transportation Authority



Metro 7

# WESTSIDE PURPLE LINE EXTENSION – SECTION 3



## BUDGET

|                    | <u>Current</u>  | <u>Forecast</u> |
|--------------------|-----------------|-----------------|
| <b>TOTAL COST*</b> | <b>\$3,611M</b> | <b>\$3,611M</b> |

\* Includes Board approved LOP budget plus finance costs.



## SCHEDULE

|                  | <u>Current</u> | <u>Forecast</u> |
|------------------|----------------|-----------------|
| <b>REVENUE</b>   | <b>2028</b>    | <b>2027</b>     |
| <b>OPERATION</b> | <b>(FFGA)</b>  |                 |

- Overall Project progress is 14% complete
- Final design progress is 64% complete
- **C1151 Tunnel Contract**
  - TBM launch shaft excavation is 100% complete.
  - Instrumentation and monitoring equipment installation, and pre-condition surveys continue along the tunnel alignment.
  - Fabrication of tunnel precast concrete liners are ongoing.
  - TBM 1 is being assembled inside the TBM launch shaft.
  - Southern California Edison ductbank for TBM power has been completed. SCE will follow up with cable pulling, termination, and energization.
- **C1152 Stations, Trackwork and Systems Contract**
  - Final design is ongoing.
  - Phase 1 of sound wall installation at Westwood/UCLA Station site completed.
  - Relocation of Stone Canyon Storm Drain has begun.
  - VA parking lots refurbishment and electrical service conduit for station scheduled to start in August 2020.
- **Other Third Party Utility Relocation Work**
  - Joint trench activities for combining Verizon and Frontier telecommunications are ongoing. Conduits and vaults installed. Cable pulling/splicing anticipated to complete by September 30, 2020.



TBM Launch Cradle at Base of Excavated Tail Track Exit Shaft



Reinforced Concrete Boxes for Storm Drain Relocation

September 2020



On target



Possible problem



Significant Impact



Metro 8

Construction Committee

Los Angeles County Metropolitan Transportation Authority



# PATSAOURAS BUS PLAZA STATION



## BUDGET

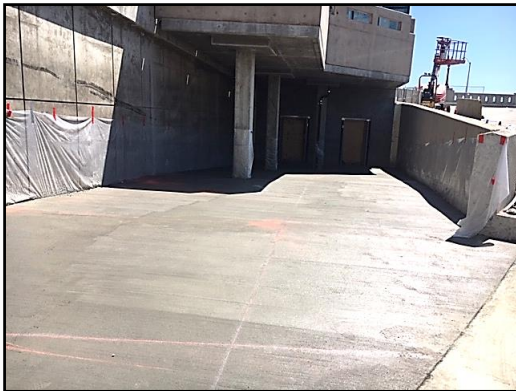
|            | <u>Current</u> | <u>Forecast</u> |
|------------|----------------|-----------------|
| TOTAL COST | \$50.9M        | \$50.9M         |



## SCHEDULE

|                        | <u>Current</u> | <u>Forecast</u> |
|------------------------|----------------|-----------------|
| SUBSTANTIAL COMPLETION | Summer 2020    | Summer 2020     |

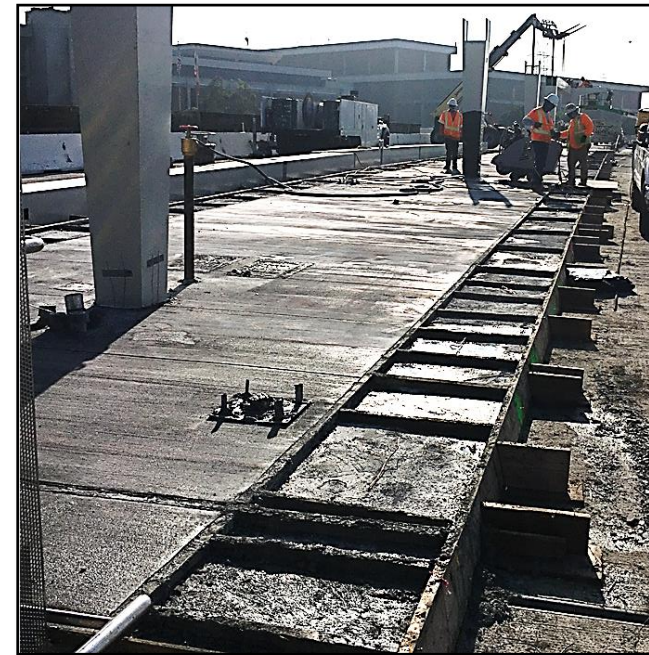
- Overall project progress at approximately 90% complete.
- Substantial Completion anticipated late September 2020.
- Canopy columns installed and bus platform poured.
- P1 Elevator Level concrete poured.
- Archaeological investigation completed and storm drain installed.



P1 Elevator Level



Storm Drain



Bus platform

September 2020



On target



Possible problem



Significant Impact



Metro 9

Construction Committee

Los Angeles County Metropolitan Transportation Authority

# WILLOWBROOK/ROSA PARKS STATION

## BUDGET

|                   | <u>Current</u>  | <u>Forecast</u> |
|-------------------|-----------------|-----------------|
| <b>TOTAL COST</b> | <b>\$128.4M</b> | <b>\$128.4M</b> |

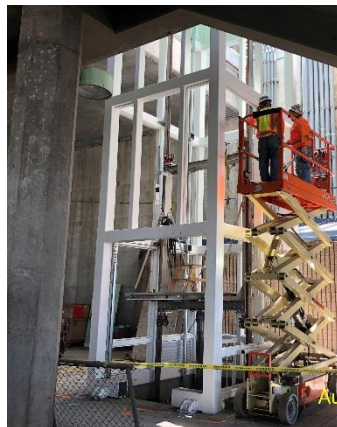
## SCHEDULE

|                               | <u>Current</u>    | <u>Forecast</u>   |
|-------------------------------|-------------------|-------------------|
| <b>SUBSTANTIAL COMPLETION</b> | <b>March 2021</b> | <b>March 2021</b> |

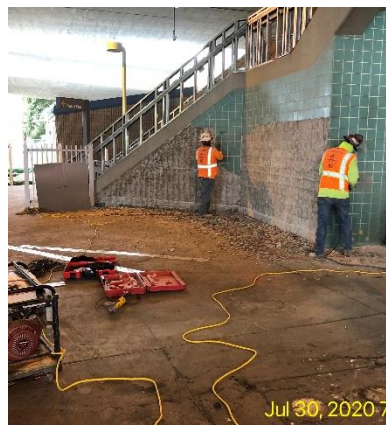
- Package A: Customer Center, Mobility Hub and Public Plaza are substantially complete and in preparations for turnover to Metro. Southern pedestrian crossing scheduled to be completed and open to the public late August/early September.
- Package C: Final Finishes, Systems (Variable Message Sign, TAP) and Vertical Circulation work ongoing while Station is in Operations. North end of mezzanine and stair to C Line platform construction near completion and scheduled to be open to the public end of August/early September.
- Package B: Package B construction has begun with demolition and grading. Working with Operations and Communications to move bus service to temporary bays near southern ped crossing when crossing opens. This will free up the entire Package B area for construction.



Grading Work @ Package B



Package B Work at West C Line Entrance



Mobility Hub, Customer Service Building and Public Plaza substantially complete



**September 2020**



On target



Possible problem



Significant Impact

**Construction Committee**

Los Angeles County Metropolitan Transportation Authority



**Metro 10**



# I-210 BARRIER REPLACEMENT PROJECT

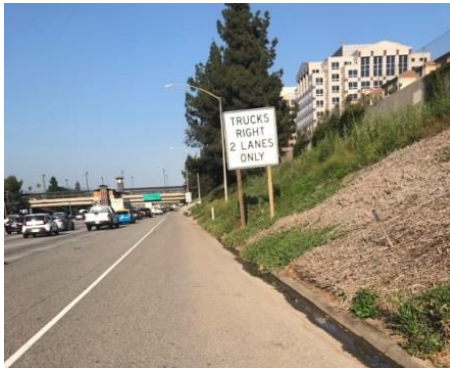
## BUDGET

|            | <u>Current</u>  | <u>Forecast</u> |
|------------|-----------------|-----------------|
| TOTAL COST | <b>\$22.54M</b> | <b>\$22.54M</b> |
|            | Design          | Design          |

## SCHEDULE

|                          | <u>Current</u> | <u>Forecast</u> |
|--------------------------|----------------|-----------------|
| Complete Design (Proj 1) | Sep 2020       | Fall 2020       |
| Complete Design (Proj 2) | Jan 2022       | Winter 2022     |

- Project 1: Segment from Michillinda to Iconic Bridge – Project 1 Final PS&E Package is under review. Metro anticipates Caltrans approval in September 2020.
- Project 2: Segment from west end of the project to Michillinda – Development of Project Report for Project 2 is underway. Project 2 PSR-PR is expected to be completed in August 2021.
- Project 2: Metro and Caltrans have agreed on the best path forward to keep the disruption to freeway traffic and Metro operations to a minimum for Project 2. However, this approach will require Metro to obtain a design variance from Caltrans.



Newly Installed Caltrans Freeway Sign



Incident in 2014



Newly Installed Speed Limit Sign

**September 2020**



On target



Possible problem



Significant Impact



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Los Angeles County Metropolitan Transportation Authority

# I-5 Construction Projects (By Caltrans)



September 2020

Construction Committee

Los Angeles County Metropolitan Transportation Authority

# I-5 NORTH: SR 118 TO SR 134

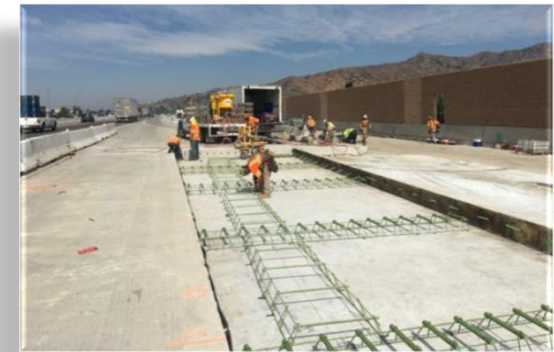
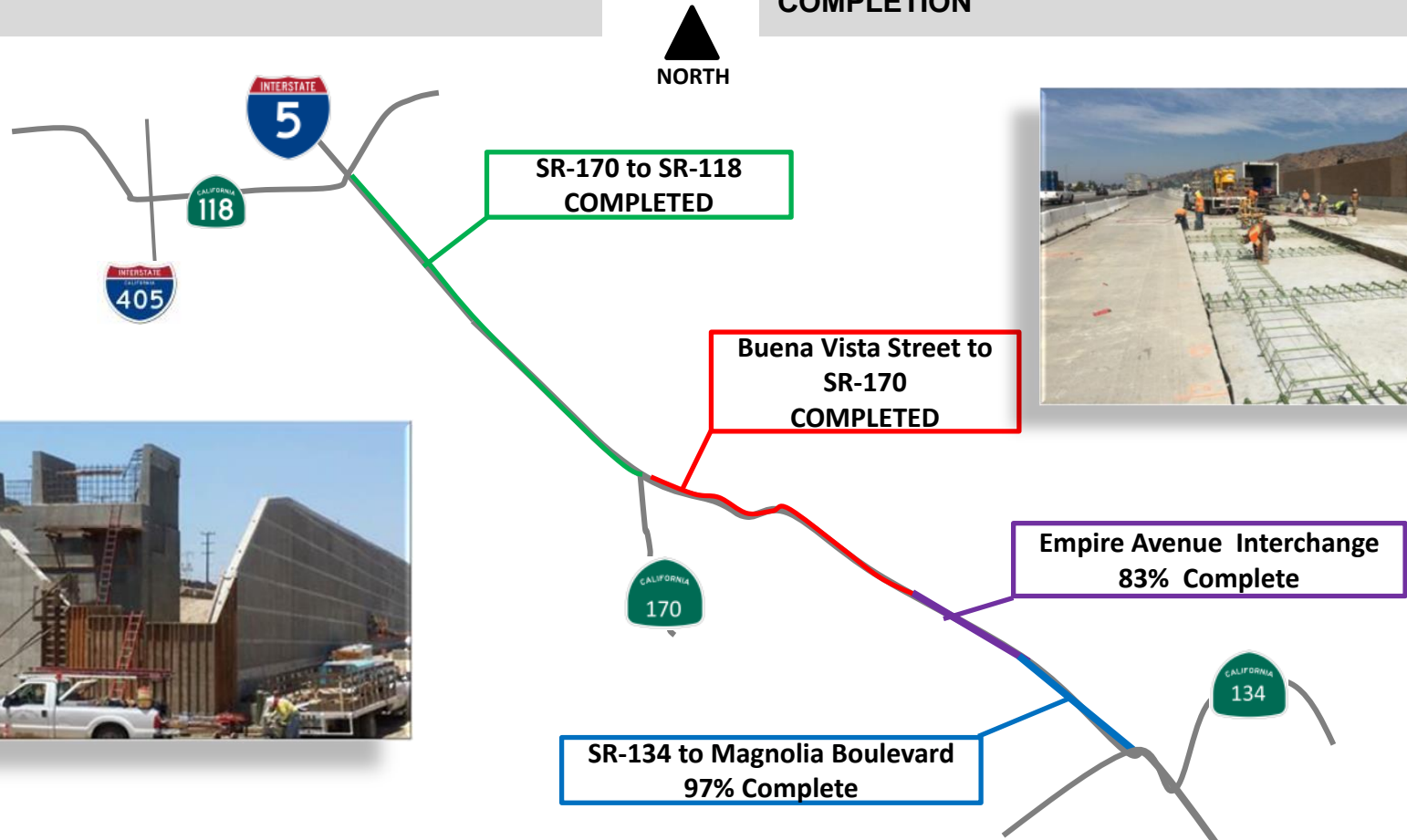


## ⚠ BUDGET

|            | Current  | Forecast  |
|------------|----------|-----------|
| TOTAL COST | \$880.9M | \$930.9M* |

## ⚠ SCHEDULE

| ANTICIPATED PROJECT COMPLETION | Current<br>Summer 2022 | Forecast*<br>Winter 2022 |
|--------------------------------|------------------------|--------------------------|
|--------------------------------|------------------------|--------------------------|



September 2020

Construction Committee

Los Angeles County Metropolitan Transportation Authority



On target



Possible problem



Significant Impact



Metro 13

\* Risk Analysis, May 2020

# I-5 SOUTH: ORANGE COUNTY LINE TO I-605



## BUDGET

|                   | Current         | Forecast         |
|-------------------|-----------------|------------------|
| <b>TOTAL COST</b> | <b>\$1.888B</b> | <b>\$1.888B*</b> |

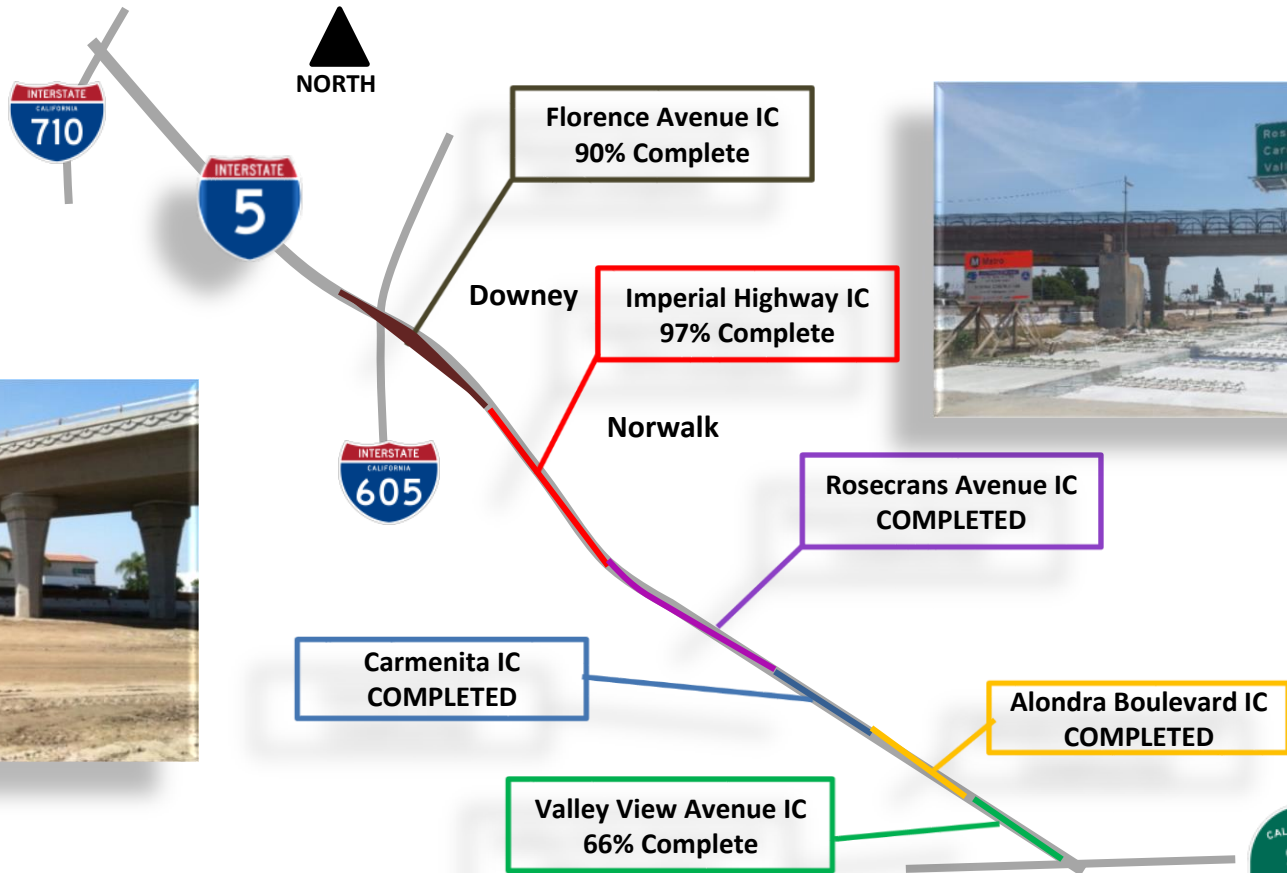


## SCHEDULE

**ANTICIPATED  
PROJECT  
COMPLETION**

**Current**  
Fall 2022

**Forecast\***  
Winter 2022



September 2020

Construction Committee

Los Angeles County Metropolitan Transportation Authority



On target



Possible problem



Significant Impact



Metro 14

\* Risk Analysis, May 2020