

# **Charging Infrastructure Project Updates**



#### **Division 9 & El Monte Transit Center**

- Final gantry truss erected in May
- Roofing and shade sails install ongoing
- Opportunity chargers commissioning phase

#### Division 18 & 7

Recommended award to Board in December

#### J Line Electrification

- Daily average of 13 battery electric buses (BEBs) running on the line
- Harbor Gateway Transit Center in-use for layover charging
- Anticipated complete by end of calendar year



**Photo:** Division 9 Bus Yard Opportunity Chargers

## **Opportunity Charging Sites (Countywide)**

- Charging equipment procurement in blackout
- Advanced conceptual design and site conditions assessment to be complete this fall
- Prioritizing designs and delivery strategy for North Hollywood Transit Center, North San Fernando Valley Transit Improvements Project, and sites supporting Division 9 buses (sites in bold)

North Hollywood Transit Center Universal / Studio City Station Division 8 & 15 (for NSFV only) Terminal 28 Figueroa & 117th Layover Artesia Station Central Maintenance Facility
Canoga Station
Chatsworth Station
Maple Lot
Sylmar Metrolink Station



## Status of Division Electrification (First Five Divisions)

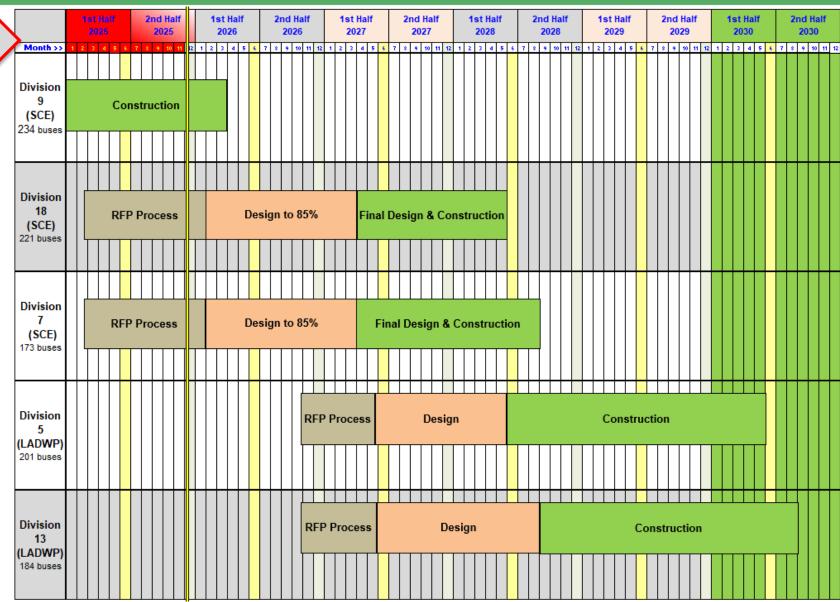


Electrification schedule for first five divisions

Contract award for 18 & 7 two months ahead of schedule.

NO CHANGE in program schedule since July '25 committee update.

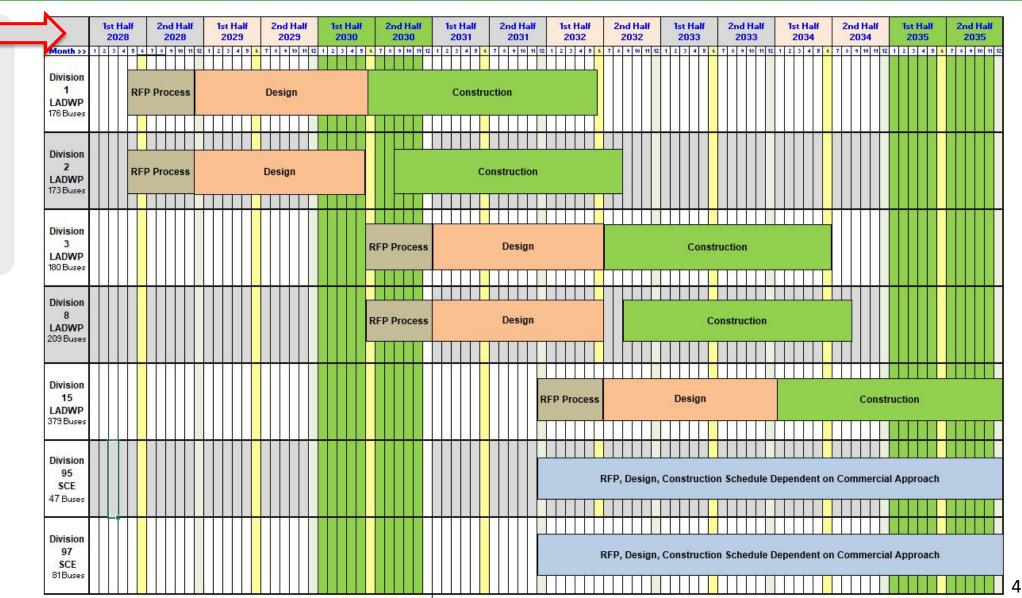




# Division Electrification (Latter Five and Contract Service Divisions)



schedule for latter five directly-operated and two contract service divisions





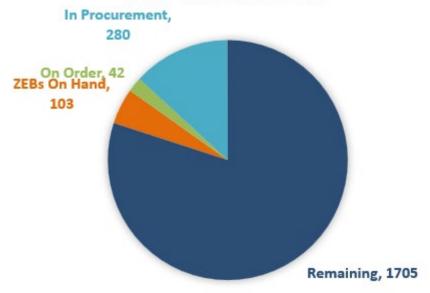
## **Status of Bus Acquisition**



#### **Current Fleet**

4.8% of fleet converted to ZEB\*

#### **ZERO EMISSION BUSES**



\*Assumed future fleet size of 2,130 buses Data as of 10/17/25



## **Regional Bus Procurement**

- Staff cancelled procurement due to major safety, schedule, and cost concerns.
  - Proposers could not meet requirement for fully enclosed operator compartment and driver exit window.
  - Highest scoring technical proposal did not include schedule that met Metro's requirements.
  - Highest scoring proposal returned base buy cost estimate
     7.4% above Metro's cost estimate a \$36.5 million cost impact.

#### **BYD Bus Deliveries**

- 53 of 95 K9MD buses have been delivered
- BYD is currently 30 buses behind schedule
  - Liquidated damages (LDs) for delayed buses and manuals
- Challenges persist in achieving delivery targets, ensuring quality control on the production line, and providing warranty support.

## **Bus Procurement Approach**



#### State contract

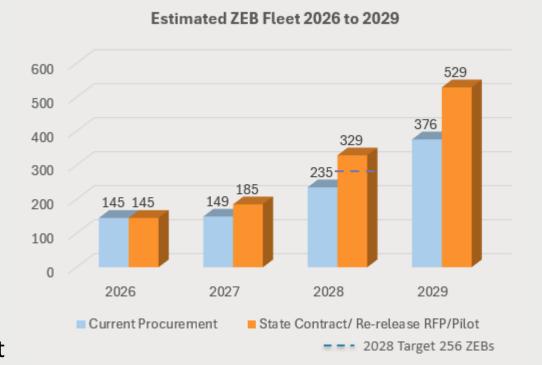
- Shorter lead times
- Estimated delivery up to 40 BEBs in 2027

#### Re-release RFP

- Additional competition
- Meet safety requirements
- Encourage growth of bus OEMs in the U.S. market
- Meet Metro schedule for CNG bus Replacement, infrastructure implementation and 2035 zero-emission goal.

### Pilot with International OEM

- New technology to drive continuous improvement
- Promote the entry of new OEMs and support their investments in the U.S. market.





## **Program Funding Status**



## **Infrastructure & Bus Funding**

- More than \$1.5 billion in federal, state, and local funding secured to date.
- Metro is awaiting award decisions for the following applications:
  - \$9 million for buses from Affordable Housing
     & Sustainability Communities program
  - \$104.6 million for Division 7 buses and infrastructure from Congestion Mitigation & Air Quality program
  - \$95 million from Low or No Emissions and
     \$39 million from Bus & Bus Facilities
     programs for Division 5 buses and
     infrastructure.\*



\* FTA will prioritize low emission over zero emission projects and has allowed grantees to change zero emission awards to low emission.

# Infrastructure

Project	% Funded
Division 9	100%
Division 18	100%
Division 7	70%
NH2P BRT & NSFV TIP	100%
Hydrogen Fueling	0%
Division 5	0%

Project	% Funded
(40) State Contract BEBs	100%
(20) State Contract FCEBs	0%
(220) BEB Base Buy	100%
(20) BEB Pilot Buses	0%
(173) Division 7 Buses	87%
(201) Division 5 Buses	0%

## **Grant Updates and Continuing Activities**



## **Upcoming project activities**

- Division 18 & 7 Progressive Design
  Build Operate and Maintain (PDBOM)
  contract Phase 1 will commence
  should the Board approve the
  contract recommendation.
- Anticipate achieving J Line electrification by end of year.
- Hydrogen Fueling Infrastructure Feasibility Study for 20 fuel cell electric buses (FCEBs).
- Integrate non-revenue charging and maintenance strategies into planning efforts.







# **THANK YOU**





