



← To Crens

# Next stop: more rail in the South Bay.

## C LINE (GREEN) EXTENSION TO TORRANCE



Metro Board of Directors  
May 2024 | File ID: 2024-0272



# Recommendation for the Metro Board

## CONSIDER:

- A. APPROVING the 170<sup>th</sup>/182<sup>nd</sup> Grade-Separated Light Rail Transit Alternative, also referred to as the Hybrid Alternative, as the Proposed Project for the Environmental Impact Report (EIR) and Locally Preferred Alternative (LPA) for the Metro C (Green) Line Extension to Torrance Project (Project); and
- B. AUTHORIZING the preparation of the Final EIR through the California Environmental Quality Act (CEQA) based on the LPA.



# Comparison of Alignments & Alternatives Studied



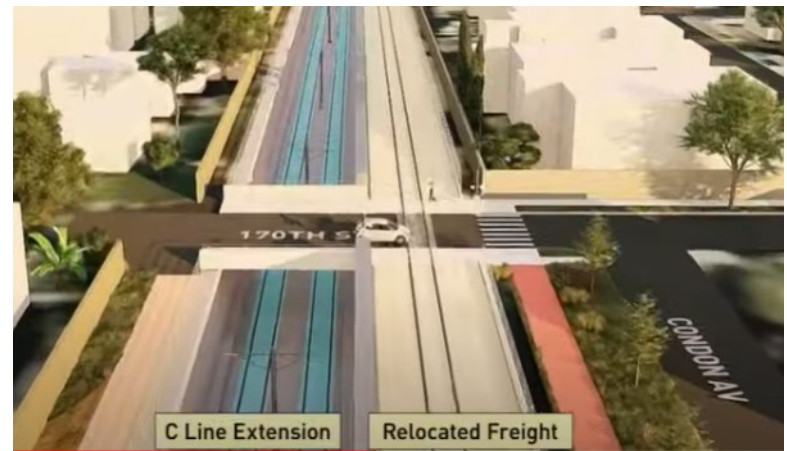
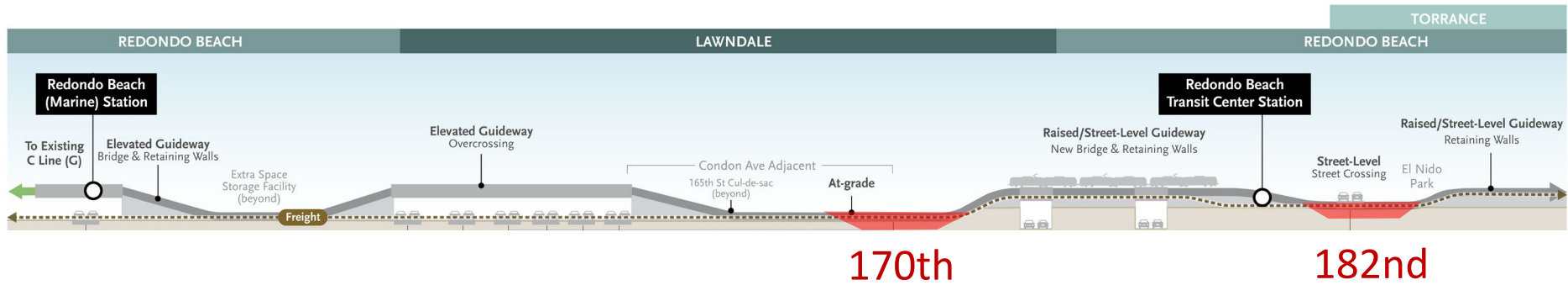
Comparison	Metro ROW (Elevated/At-Grade)	Trench Option (ROW)	Hybrid Alternative (ROW)	Hawthorne Option
Ridership	●	●	●	●
Auto Reduction & Travel Time Savings	●	●	●	●
Cost & Funding	●	○	●	○
Approvals & Key Agreements	●	●	●	●
Real Estate Needs	●	●	●	○
Constructability	●	○	●	○
Station Connections & TOD Potential	●	●	●	●
Safety Enhancements	●	●	●	●
Light Rail & Freight Noise Mitigation	●	●	●	●
Permanent Changes to Street & Parking	●	●	●	●



Harvey balls compare level of performance relative to the alignments & alternatives studied from high ●, medium ●, and low ○. Data from 2023 Draft EIR and technical studies. South of 190th Street, all alignments and alternatives are the same.



# Hybrid Alternative – Staff Recommendation



Proposed under-crossing at 170<sup>th</sup> Street



# Hybrid Alternative – Staff Recommendation

Meets project need and objectives

Provides local benefits to adjacent communities

- Designed to be compatible w/ residential
- Three new neighborhood walking paths
- Safer and quieter freight
- Access to new rail/bus centers and SB Galleria

Responds to Community Concerns about ROW

- Fully grade separated with two under-crossings: 170<sup>th</sup> & 182<sup>nd</sup> Street
- Mitigates all noise impacts
- Avoids delay to emergency responders
- Avoids shift in freight closer to senior homes

Minimizes disruption to properties, traffic, parking

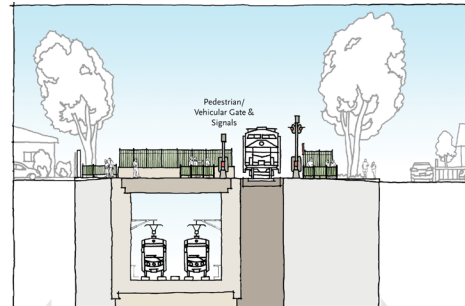
- Minor real estate needs (~3 parcels) north of 190<sup>th</sup> St
- Construction staged on Metro property
- No changes to traffic & parking



*Freight Safety & Noise Improvements*



*New Neighborhood Paths*



*Under-crossings at 170<sup>th</sup> & 182<sup>nd</sup> St*



*Redondo Beach Transit Center*



*Torrance Transit Center*