

Refined Concepts – Monorail/Rubber Tire

MRT 1

Sepulveda Transit Corridor Project (alignment options)	
	Aerial
	Aerial and At Grade
	Underground
	Transfer Station
Existing Service	
	Existing Metro Expo Line & Station
	Existing Metro Orange Line & Station
	Amtrak/Metrolink & Station
Pre-Construction	
	Purple Line Extension & Station (Section 3)
	East San Fernando Valley Transit Corridor & Station



- > Elevated above Sepulveda Bl through the San Fernando Valley north to the Metrolink Van Nuys Station.
- > Uses Metrolink right-of-way to connect to the Metrolink Van Nuys Station.
- > Trains would operate every 4 minutes from the Metrolink Van Nuys Station to the Expo Line.
- > Station Locations:
 - Metrolink Van Nuys
 - Sepulveda Bl/Sherman Way
 - Orange Line/Sepulveda
 - Sepulveda Bl/Ventura Bl
 - UCLA Campus
 - Purple Line at Westwood/UCLA
 - Expo Line/Sepulveda or Bundy

Refined Concepts – Heavy Rail Transit



Sepulveda Transit Corridor Project (alignment options)

- Aerial
- Underground
- Transfer Station

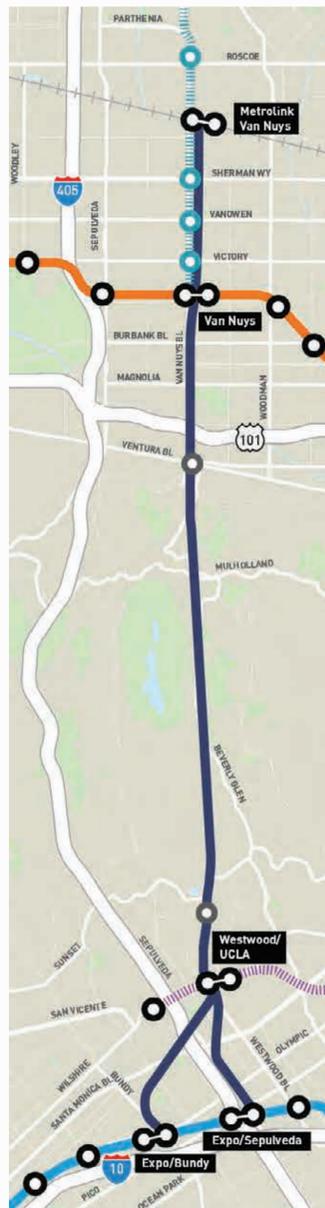
Existing Service

- Existing Metro Expo Line & Station
- Existing Metro Orange Line & Station
- Amtrak/MetroLink & Station

Pre-Construction

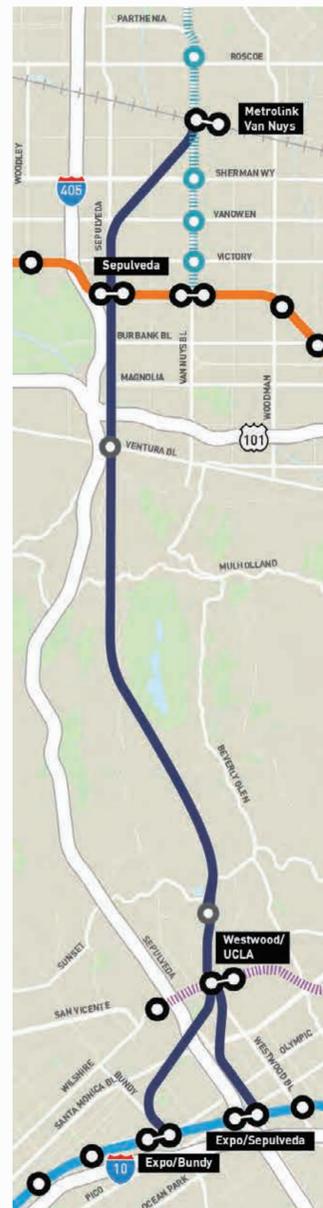
- Purple Line Extension & Station (Section 3)
- East San Fernando Valley Transit Corridor & Station

HRT 1



- > Sepulveda Transit Corridor would extend in a tunnel under Van Nuys Bl to the Metrolink Van Nuys Station.
- > Station Locations:
 - Metrolink Van Nuys
 - Orange Line/Van Nuys
 - Van Nuys Bl/Ventura Bl
 - UCLA Campus
 - Purple Line at Westwood/UCLA
 - Expo Line/Sepulveda or Expo/Bundy

HRT 2



- > Sepulveda Transit Corridor would extend in a tunnel to the MetroLink Van Nuys Station.
- > Station Locations:
 - MetroLink Van Nuys
 - Orange Line/Sepulveda
 - Sepulveda Bl/Ventura Bl
 - UCLA Campus
 - Purple Line at Westwood/UCLA
 - Expo Line/Sepulveda or Expo/Bundy

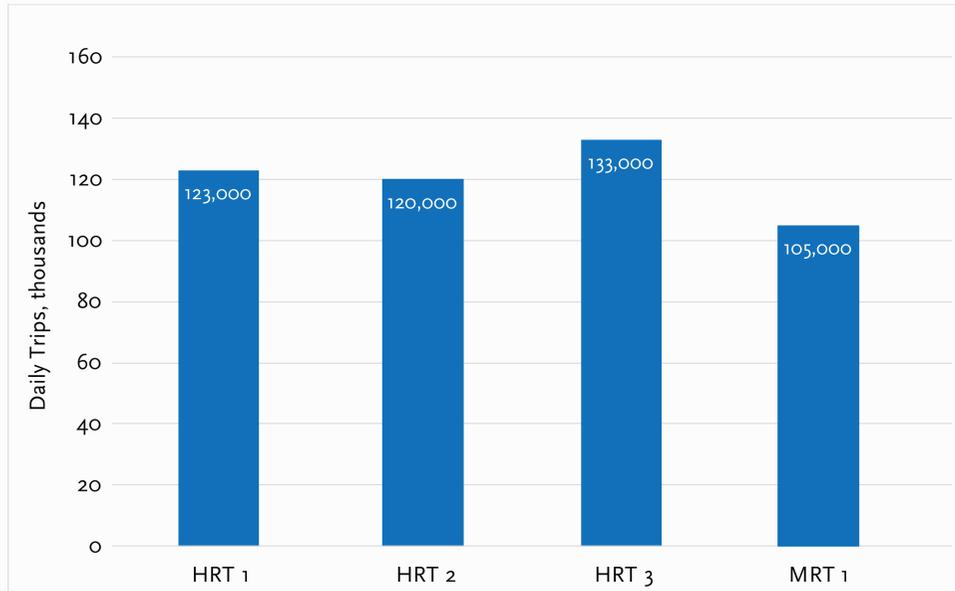
HRT 3



- > Sepulveda Transit Corridor would extend via an elevated structure above Sepulveda Bl and the MetroLink right-of-way to the MetroLink Van Nuys Station.
- > Station Locations:
 - MetroLink Van Nuys
 - Sepulveda Bl/Sherman Way
 - Orange Line/Sepulveda
 - UCLA Campus
 - Purple Line at Westwood/UCLA
 - Expo Line/Sepulveda or Expo/Bundy

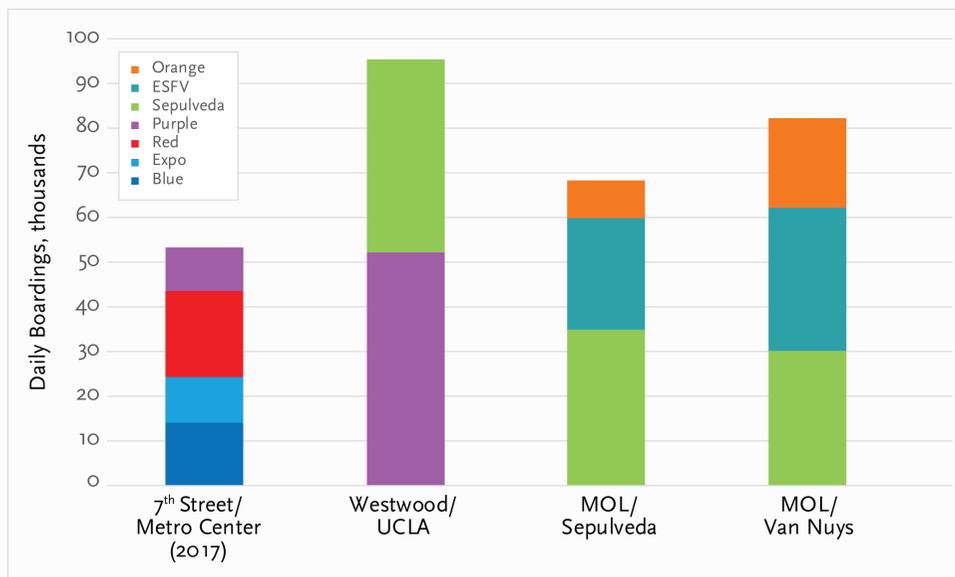
Ridership and Travel Times

Sepulveda Transit Corridor Project trips (2042)



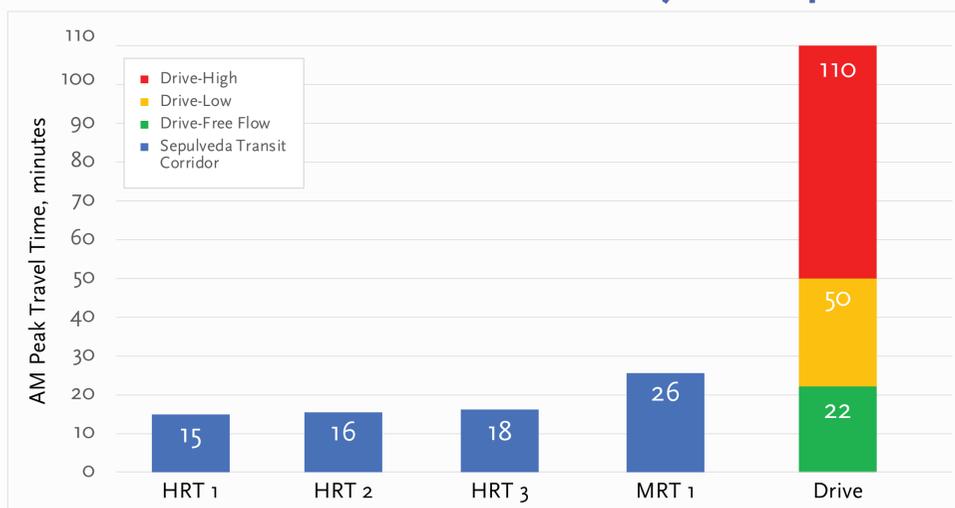
- > HRT 3 has the highest forecast ridership.
- > MRT 1 has the lowest ridership, primarily as a result of its lower speeds.

Daily boardings at major transfer stations



- > Westwood/UCLA is forecast to become the highest ridership transfer station in the Metro Rail system.
- > Orange Line/Van Nuys and Sepulveda stations would have boardings greater than 7th Street/Metro Center does today.

Travel time from Metrolink Van Nuys to Expo Line



- > Sepulveda Transit Corridor HRT concepts would be faster than driving between the Orange Line and Expo Line.
- > Monorail/rubber tire concepts would be faster than driving between the Orange Line and Expo Line in most driving scenarios.

Evaluation of Refined Concepts

	HRT 1	HRT 2	HRT 3	MRT 1
Ridership (daily)	123,000	120,000	133,000	105,000
Travel time (Metrolink to Expo Line, minutes)	15	16	18	26
Connectivity				
Reliability				
Capacity				
Protect natural environment				
Minimize potential visual impacts				
Minimize potential noise impacts				
Minimize potential construction impacts				
Minimize potential property impacts				

