



Project Update
July, 2022



High-Speed Travel Between Southern California and Las Vegas

Greener, faster, more convenient travel

- Brightline West Stations
- Brightline Partner Stations
- Brightline West Route
- ⋯ Metrolink Route
- ⋯ High Desert Corridor Route



Key Stakeholders

Federal Railroad Administration

- Environmental - NEPA
- Corridor safety approval
- Rolling stock regulatory approval

Apple Valley to Rancho Cucamonga

- SBCTA
- City of Rancho Cucamonga
- LAUS and Metrolink

Federal Highway Administration Caltrans & NDOT

- Caltrans (185 miles) and NDOT (34 miles) participate in the NEPA and environmental process with and through FHWA.
- Multiple Agreements being advanced with each DOT – Right of Way, Design and Construction, Operations and Maintenance

Bureau of Land Management

- Land for substations in CA and limited parcels in NV including Vehicle Maintenance Facility

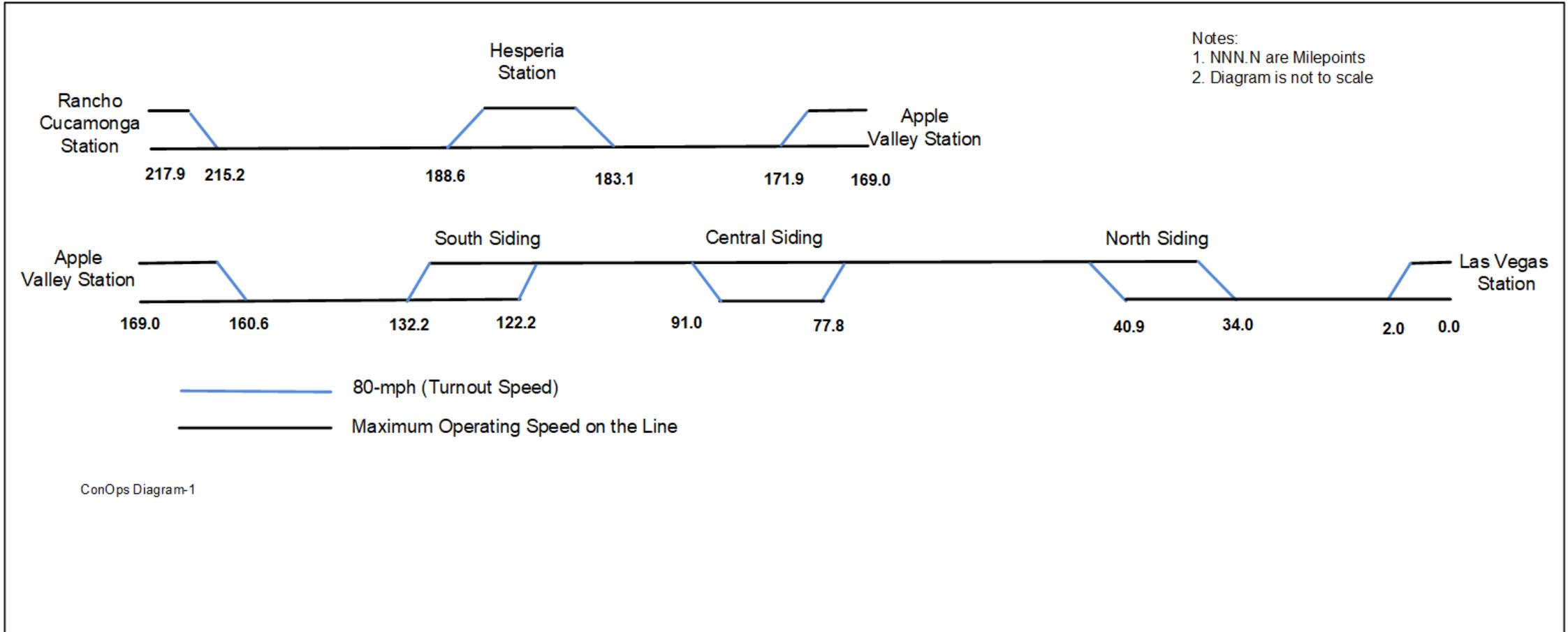
Surface Transportation Board

- STB certification in place
- Preempts state and local regulations and permit requirements including CEQA

Railroads and Utilities

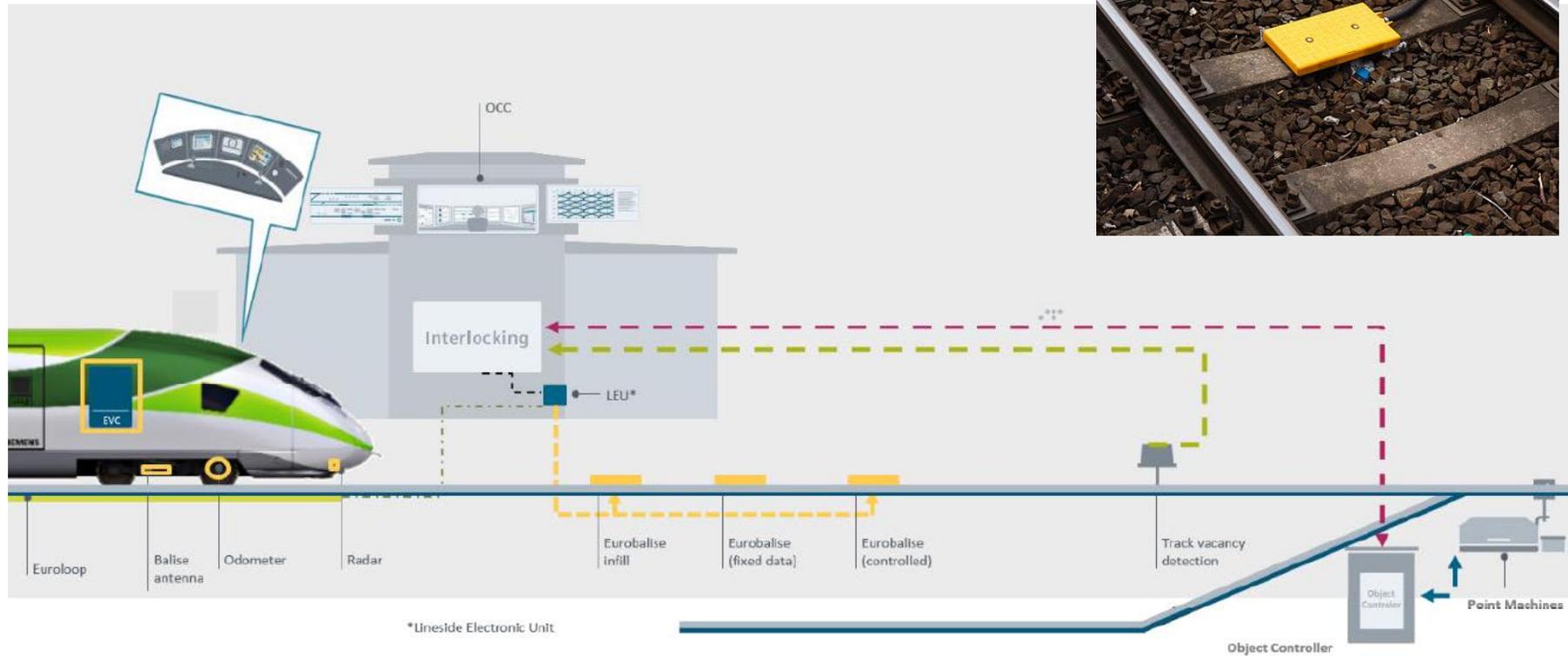
- UPRR and BNSF crossings
- Multiple utility crossings primarily power (SCE, LADWP and NVE)

Concept of Operations – Overview

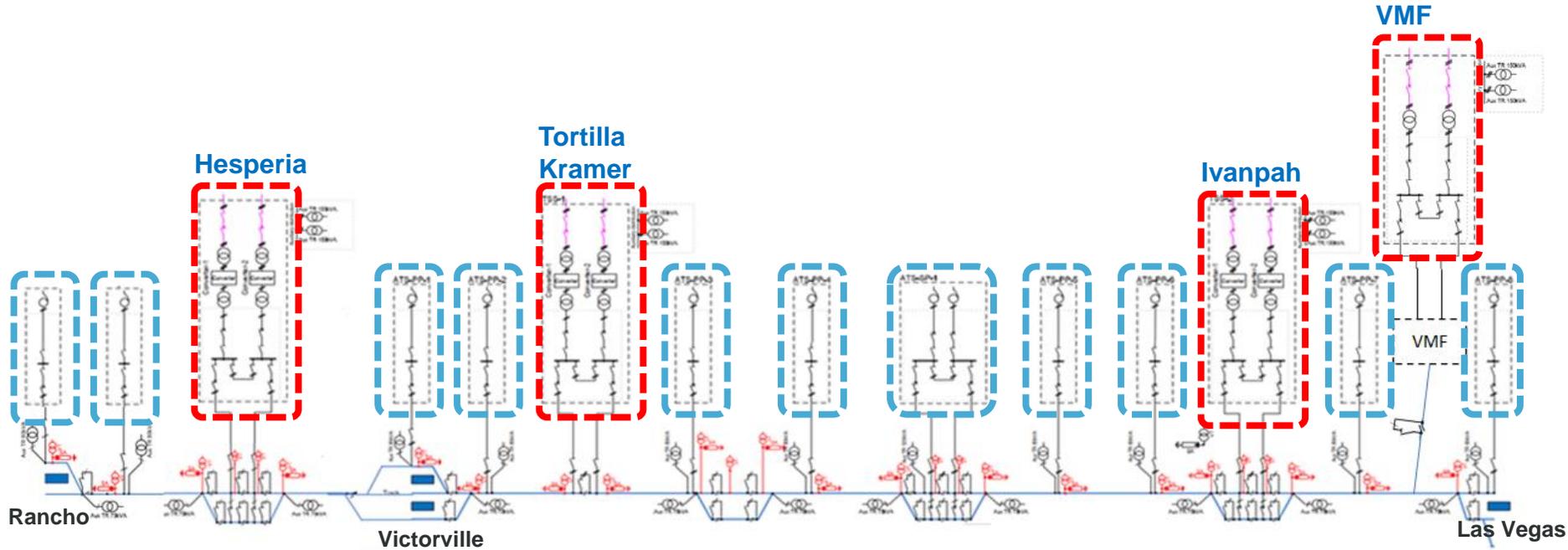


Total Single Track (miles)	166.3	76%
Total Double Track (miles)	51.6	24%
Total (miles)	217.9	100%

European Train Control System (ETCS) Level 1

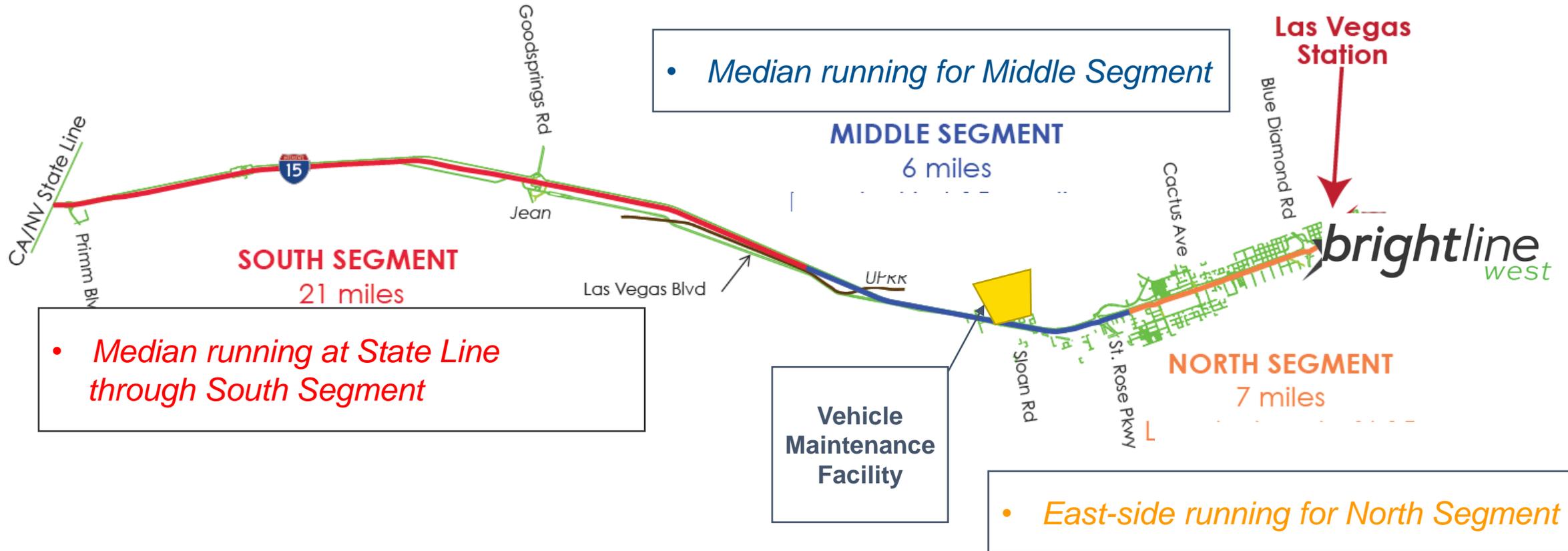


Feed in Sites – Location of Traction power substations
ATS Sites – Voltage boosting to maintain Traction power voltage

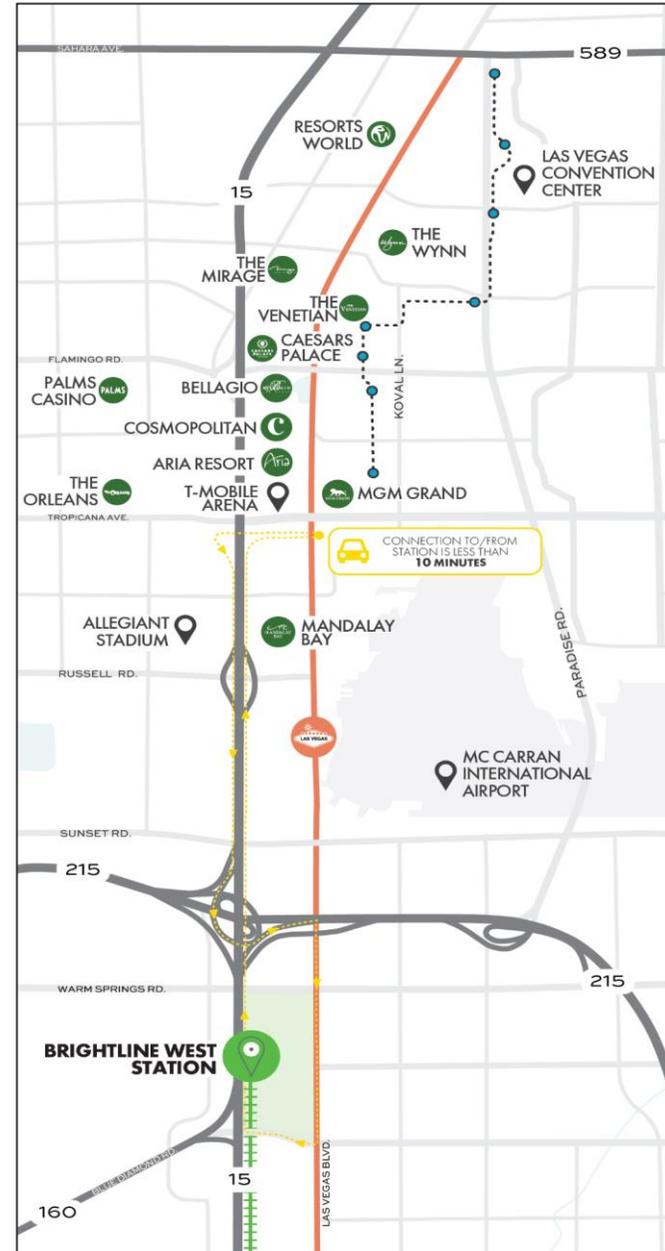
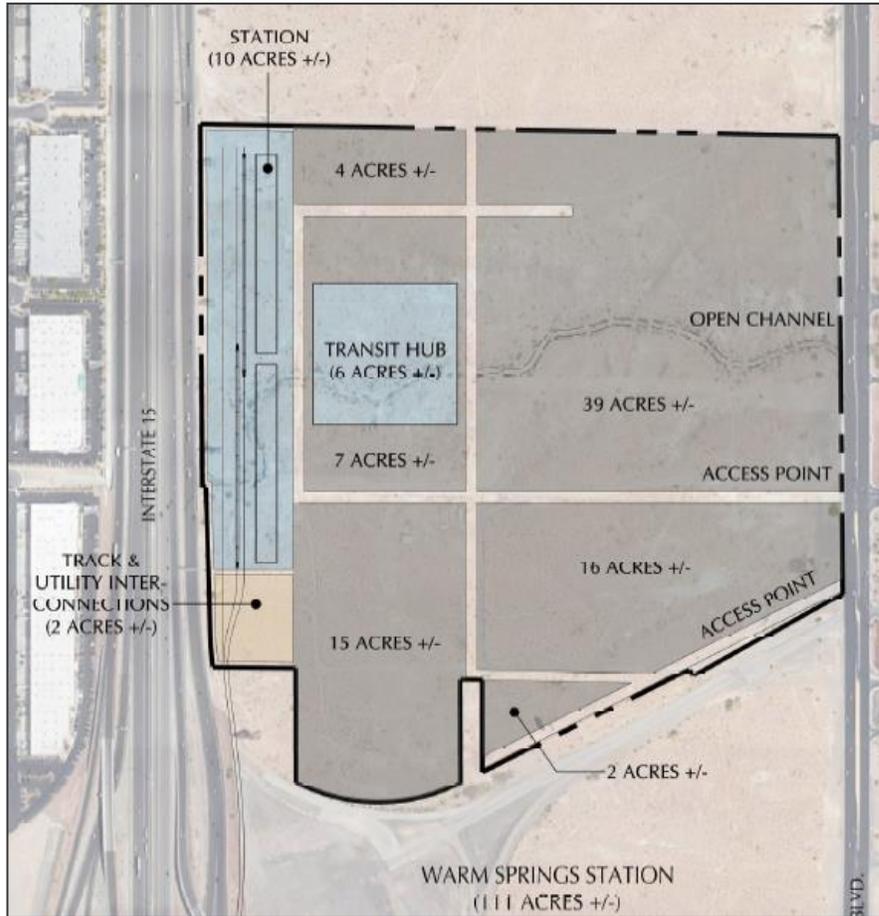


Rail Alignment:

In California: Primarily Median Running: In Nevada, per below



Las Vegas Station Site



Victor Valley to Rancho Cucamonga Alignment

Eliminates need to build express lanes and provides a significant safety benefit by replacing car travel

Key Locations on Alignment:

1. Victor Valley station site
2. Hesperia inline station
3. Cajon Pass
4. I-15 and I-215 split
5. Begin express lanes footprint
6. Exit I-15 and move onto 8th St.
7. Rancho Cucamonga station



Rancho Cucamonga Station Site



Steps to Brightline's First Ride and Beyond

2H 2022

COMPLETE ACQUISITION OF RIGHT OF WAY AND PERMITS

~OCTOBER 2022

INTERCITY PASSENGER RAIL GRANT

NOVEMBER 2022

FRA COMPLETION OF ENVIRONMENTAL REVIEW & PERMITTING

1H 2023

BREAK GROUND ON THE SYSTEM

~3.5 years construction

OPEN FOR REVENUE SERVICE

2028

LOS ANGELES HOSTS SUMMER OLYMPICS



brightline
west

THANK YOU

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