



Metro Regional Rail Update

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Senior Executive Officer

April 2, 2019



Rosecrans Marquardt Grade Separation Project

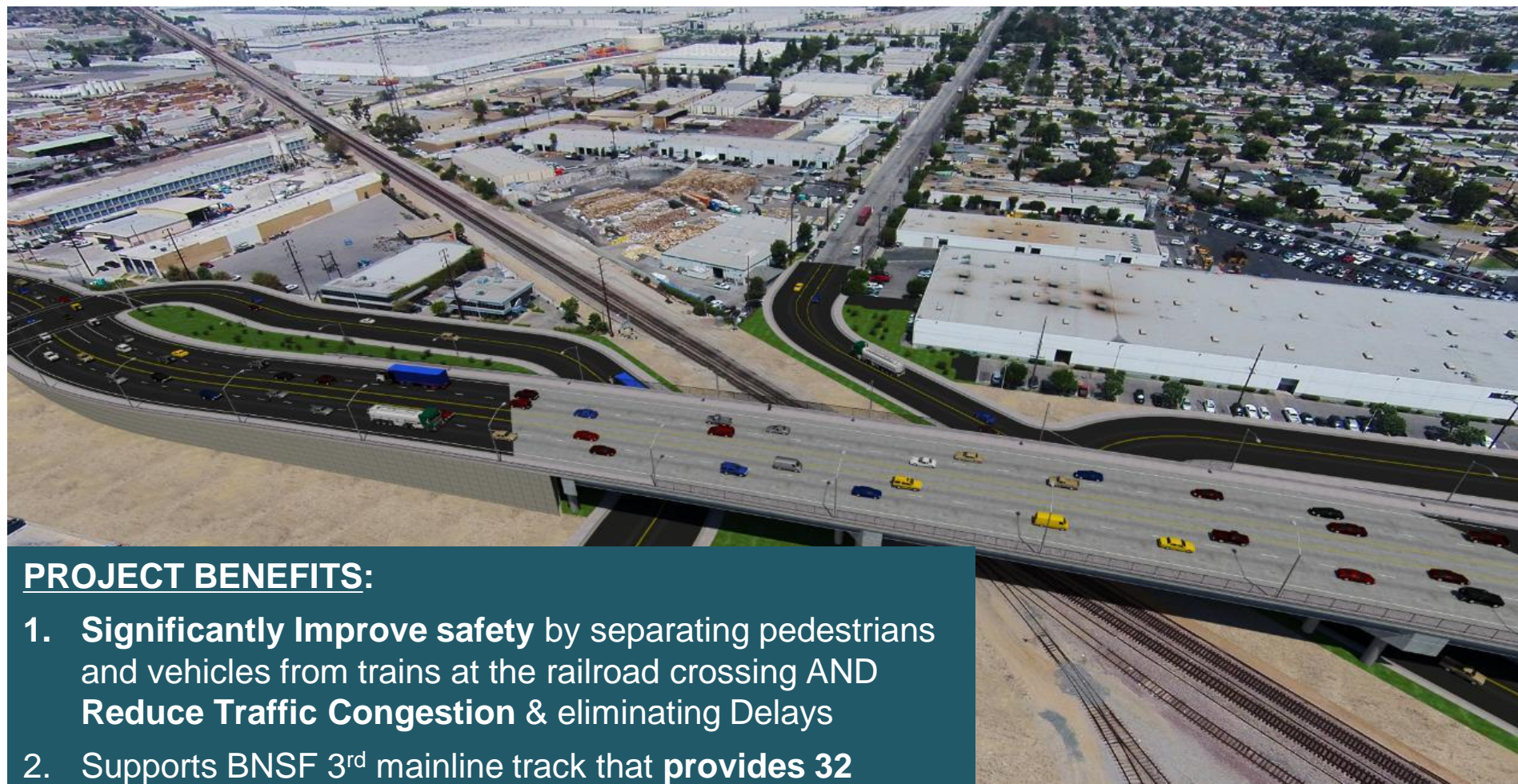
EXISTING CONDITIONS

1. Located on the City of Santa Fe Springs, Rosecrans Ave & Marquardt Ave is a diagonal rail crossing at the intersection
2. Most hazardous grade crossing in California by the CPUC in 2016 with over 112 trains and 45,000 vehicles use this crossing daily
 - **Trains cross the intersection about every ten minutes**
 - Each week the crossing arms are down for combined 21 hours



Rosecrans Marquardt Grade Separation Project

PROPOSED CONDITIONS



PROJECT BENEFITS:

1. **Significantly Improve safety** by separating pedestrians and vehicles from trains at the railroad crossing **AND Reduce Traffic Congestion & eliminating Delays**
2. Supports BNSF 3rd mainline track that **provides 32 additional passenger train time slots** for Metrolink and Amtrak trains.
3. **Accommodates future HSR tracks.**

Rosecrans Marquardt Grade Separation Project

FUNDING PLAN

FUNDING SOURCE	TOTAL
CAHSR Prop 1 A	\$76,665
CPUC Section 190	\$15,000
BNSF Railway	\$7,273
Measure R	\$26,500
TIGER	\$15,000
SB 1 Trade Corridor Enhancement Program	\$9,000
STIP	\$7,000
TOTAL	\$156,438

1. **FINAL Design and ROW Acquisition in process.**
2. **Construction Support Services (CSS) - \$5M; July 2019**
3. **Construction IFB - \$151M; April 2020 and Construction to begin 1st quarter 2021**

Rosecrans Marquardt Video

Visual representation of the grade separation subject to change during final design engineering and construction.

[Rosecrans Video](#)

Rail/Bus Operations Center



Project Overview:

The new Emergency Security Operations Center (ESOC) project is proposed to be constructed in phases. Phase One will serve as the primary and central location to support day-to-day emergency, security and law enforcement operations for Metro. Phase Two will provide an opportunity to co-locate Metro's bus and rail operation centers, achieving reliable redundancy in the event of a catastrophic event. A secondary redundant facility ensures the seamless transition of communication, command and control.

1. **Phase One: Blackout period. Construction is anticipated to start in 2020**
2. **Phase Two: Rail/Bus Operations Center**
 - a. Architectural Systems & Engineering Design Services – June 2019

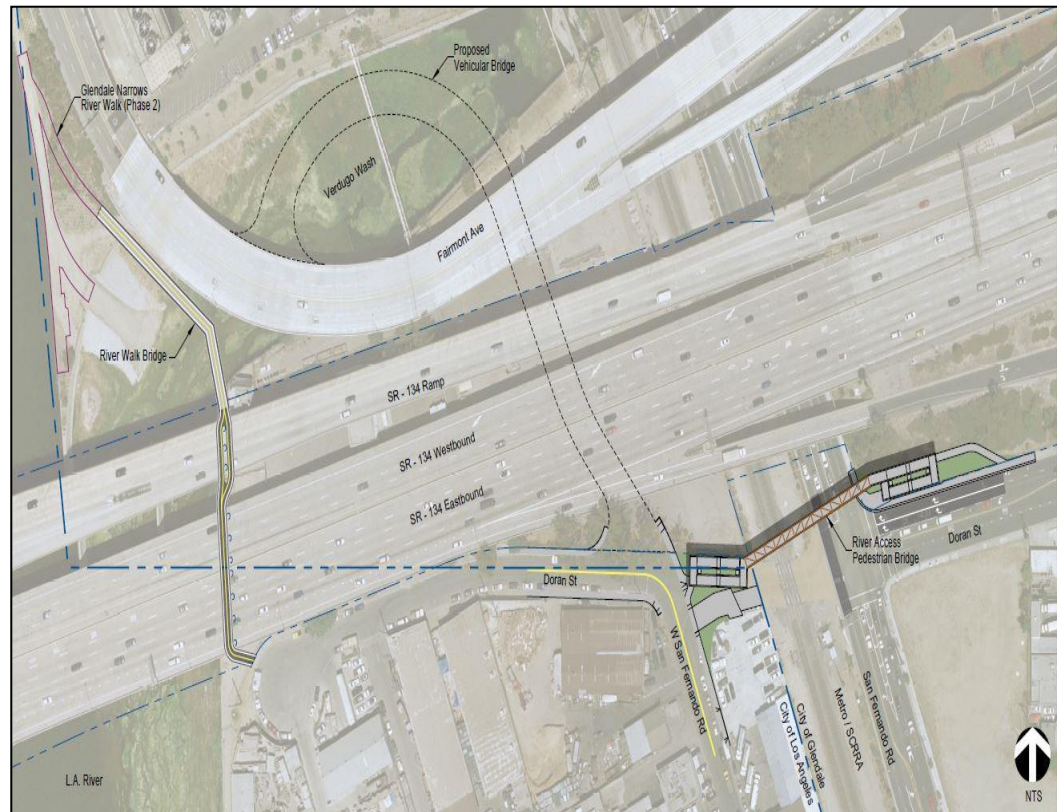


Upcoming Procurements

Doran Street Interim Condition Improvements (Construction) – \$5M ; Spring 2020



Doran Street Active Transportation Access Project (Construction) – \$16.3M ; Early 2021



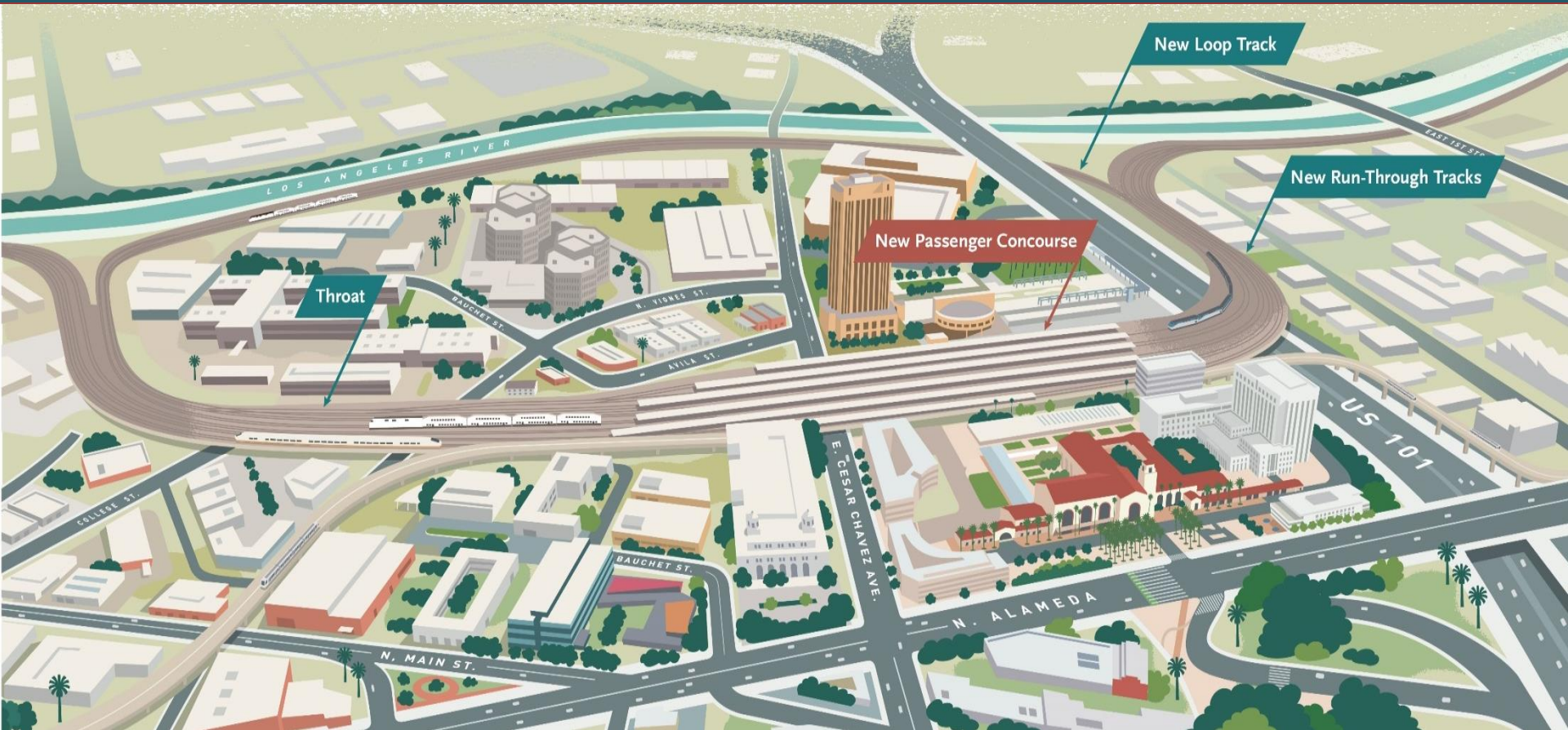
Upcoming Procurements

1. Program Management Advisory Services – \$15M;
August 2019
2. Chatsworth ADA Improvements (Construction) – \$3.7M;
Winter 2019
3. Burbank Airport South Improvements (Construction)–
\$3.7M; Winter 2019
4. Balboa Siding (Construction) – \$36.5 ; Spring 2021

Los Angeles Union Station – Today



Link Union Station Project Overview



Project Components:

1. New rail communication, signals and tracks
2. New run-through tracks over US-101 and a new loop track
3. New expanded passenger concourse, platforms, escalators and elevators
4. Accommodation of High-Speed Rail with a new lead track, optimized throat and rail yard

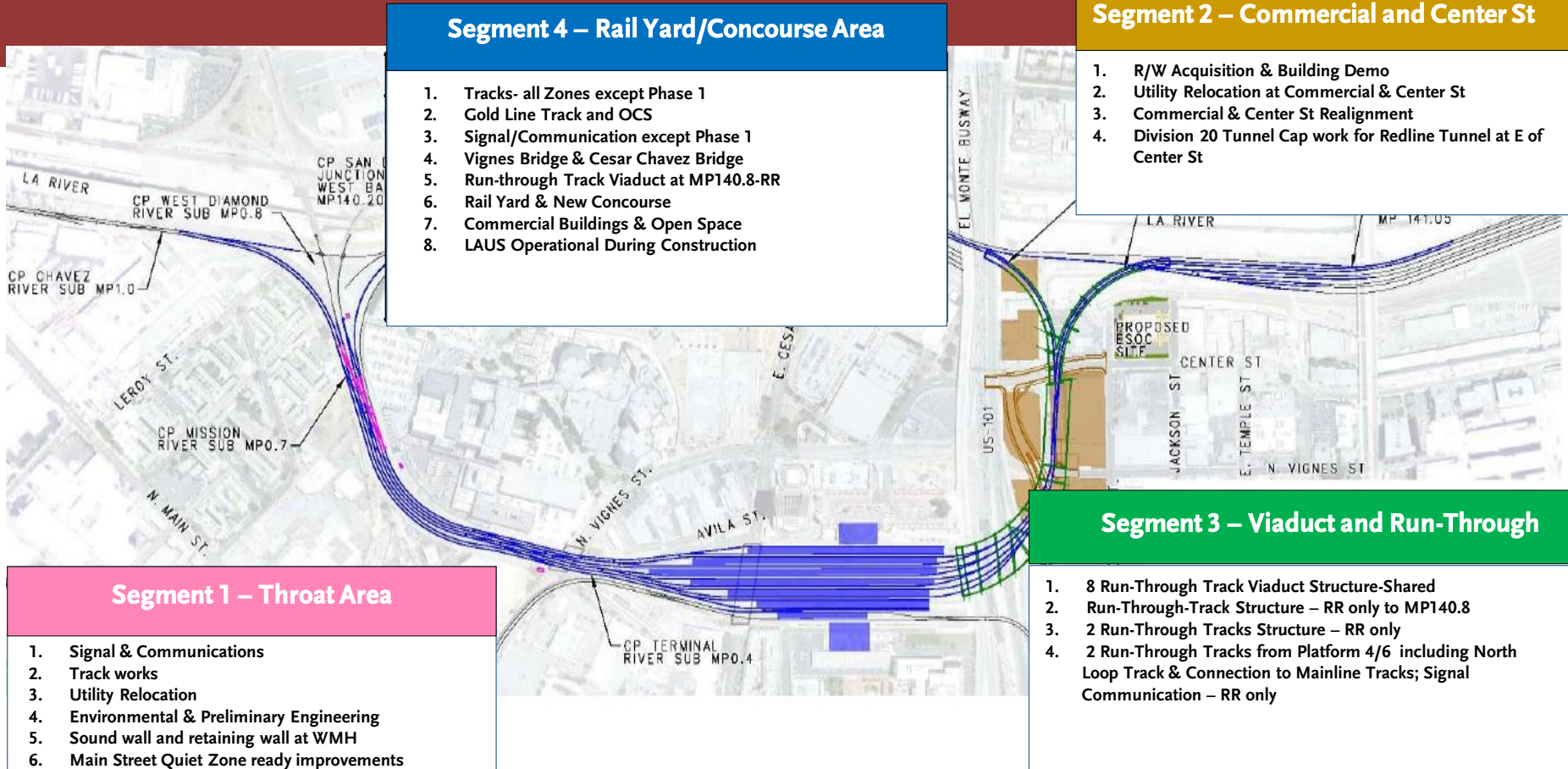
LA Union Station Concept Video

1. The following video is meant to inspire a creative vision for a world class transit station at Union Station
2. Proposed buildings shown are NOT part of the Link US project. Future development shown will be in later phases.
3. Visual representation of the passenger concourse and other elements are conceptual renderings that are not funded and subject to change through future design and preliminary engineering.

[*Link US Concept Video*](#)



Project Phasing Overview



Phase A	Phase B
Segments 1, 2, 3 Total Cost: \$950 Million	Segment 4 Total Cost: \$1.15 Billion (above-grade option)

LINK US Funding Plan

*Preliminary estimates, subject to change

LINK US has 2 Phases :

Phase A – Run-through tracks and rail communication and signals that will enable commuter and intercity rail trains (Metrolink and Amtrak) to realize early benefits with an interim two-track run-through configuration at LAUS.

Phase B- New lead tracks, new passenger concourse, raising of the train yard, new platforms with up to 8 run-through tracks including accommodating HSR with 1 platform and 2 tracks.

FUNDING SOURCE	PHASE A
State Proposition 1A/ High Speed Rail Bonds	\$423M
TIRCP	\$398M
Other	\$129M
TOTAL	\$950M

California High-Speed Rail Authority 2018 Business Plan includes **\$423 million** for Link US.

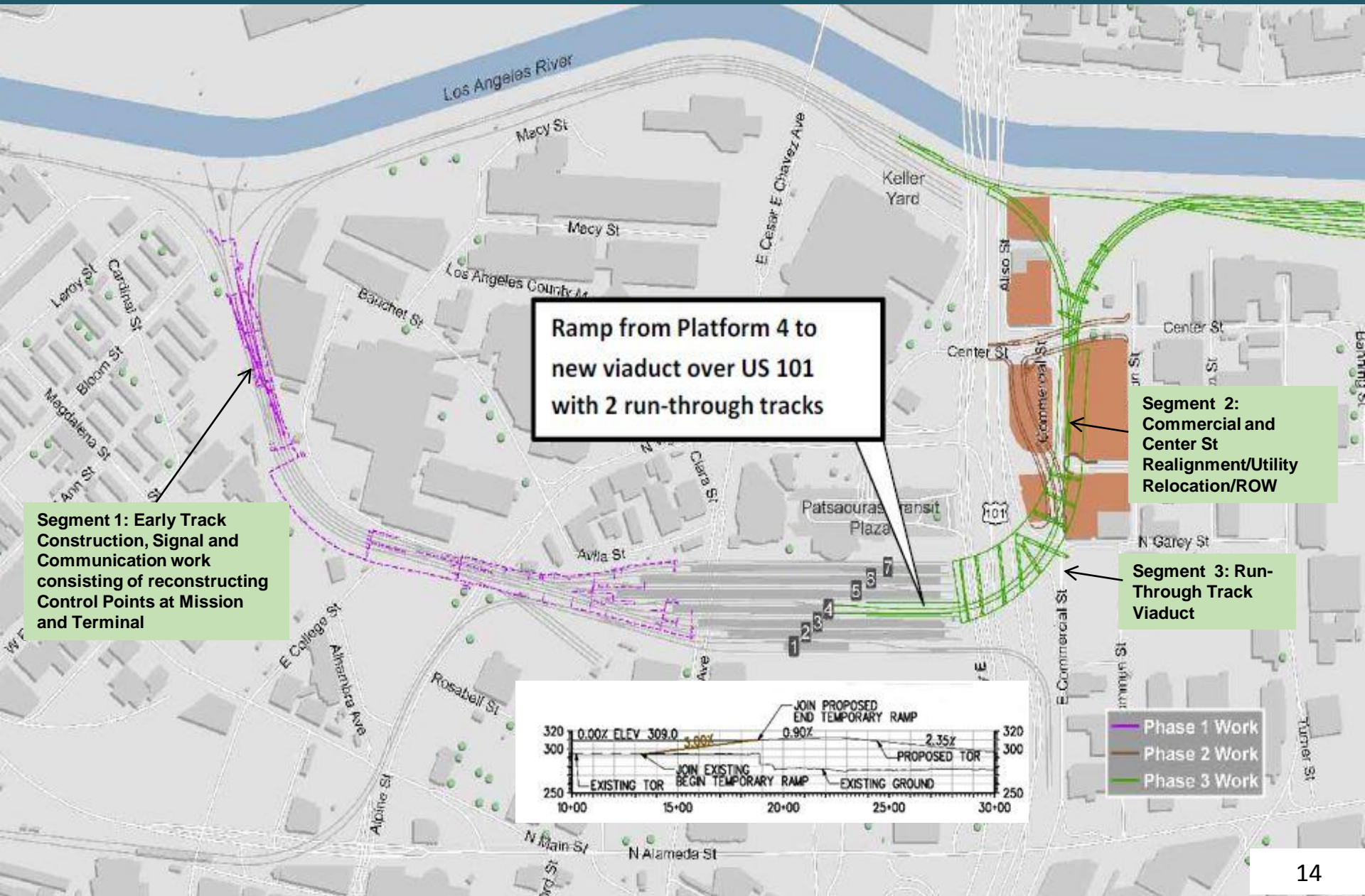
As part of the 2018 Transit and Intercity Rail Capital Program under Metrolink's SCORE program, Link US was awarded **\$398 million**.

Phase B component is currently unfunded with 2 options:

Option 1- \$1.15 Billion (above-grade option)

Option 2 - \$1.65 Billion (at-grade option)

Phase A: Interim Condition with 2 run-through tracks



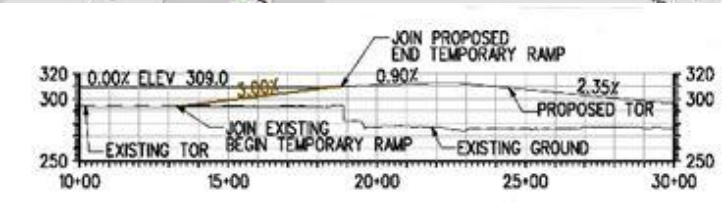
Segment 1: Early Track Construction, Signal and Communication work consisting of reconstructing Control Points at Mission and Terminal

Ramp from Platform 4 to new viaduct over US 101 with 2 run-through tracks

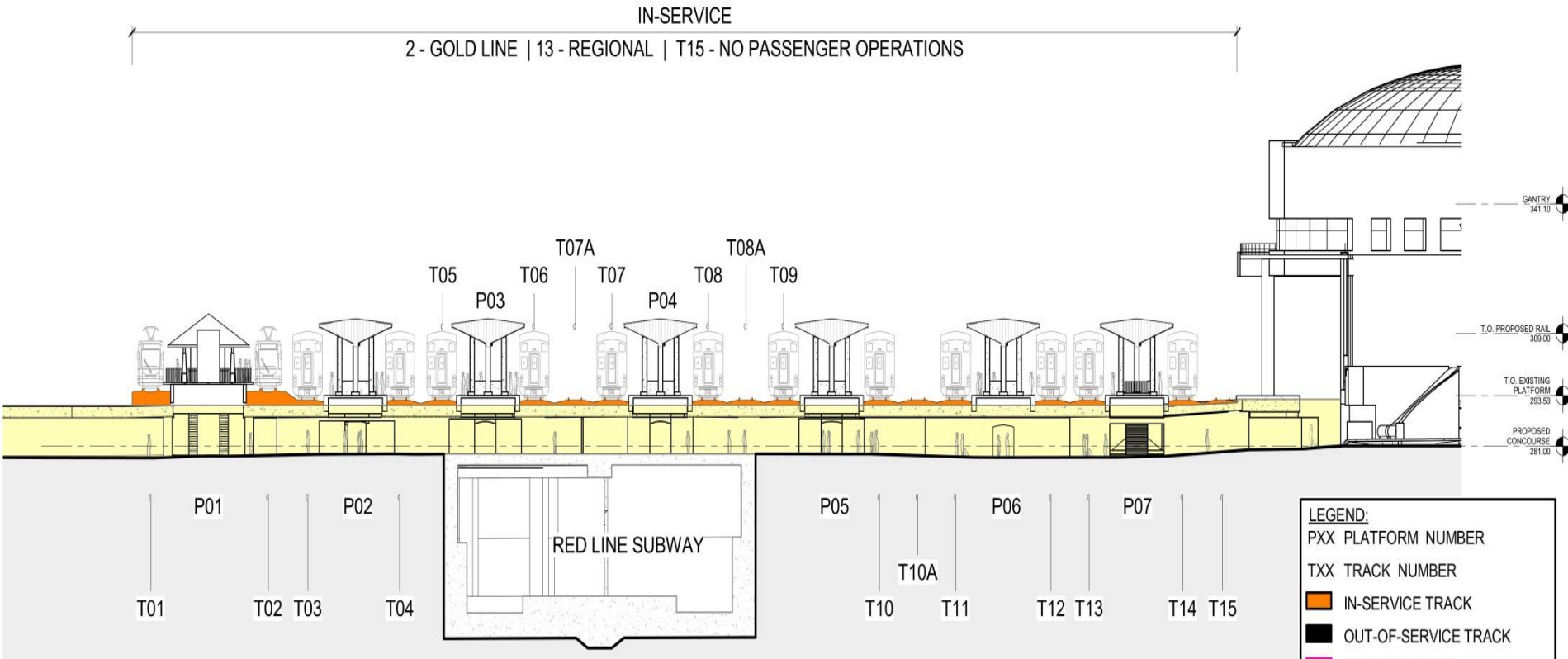
Segment 2: Commercial and Center St Realignment/Utility Relocation/ROW

Segment 3: Run-Through Track Viaduct

Phase 1 Work
Phase 2 Work
Phase 3 Work



Section D-D - Existing Condition



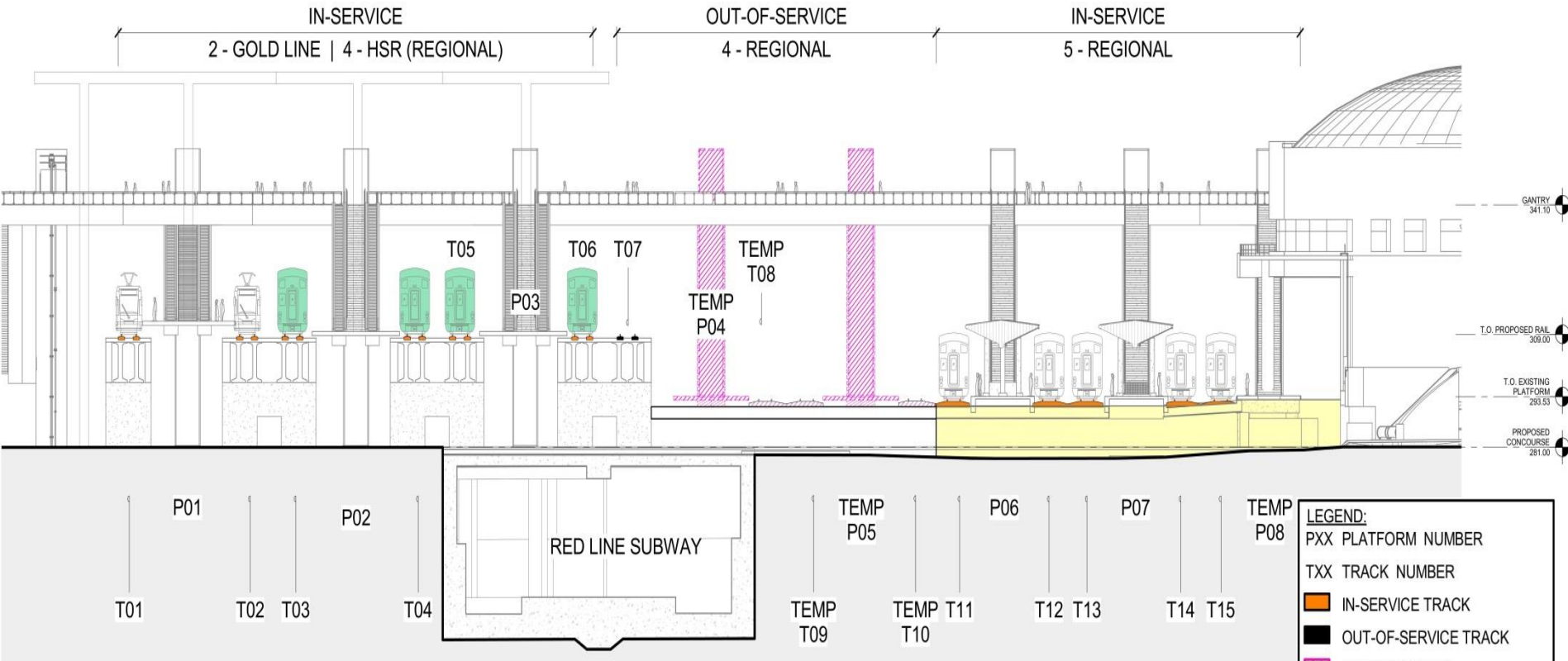
LEGEND:

- PXX PLATFORM NUMBER
- TXX TRACK NUMBER
- IN-SERVICE TRACK
- OUT-OF-SERVICE TRACK
- DEMO IN PHASE
- NEW IN PHASE
- NEW IN PHASE BEYOND
- RUN THROUGH SERVICE
- RUN THROUGH SERVICE | HSR

Gold Line In-Service		Regional/HSR Platform Tracks In-Service			
Existing	Temporary	Existing	Temporary	New Stub-End	New Run-Through
2	0	12	0	0	0



Section D-D - Phase III - Step 9



Gold Line In-Service		Regional/HSR Platform Tracks In-Service			
Temporary	New	Existing	Temporary	New Stub-End	New Run-Through
0	2	4	1	0	4



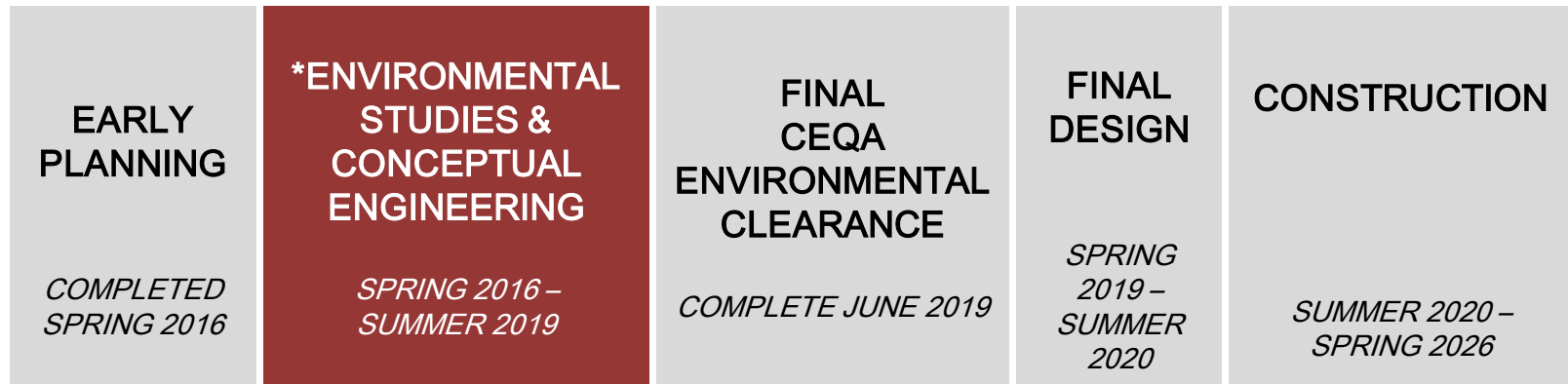
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- RUN THROUGH SERVICE | HSR



Project Status and Schedule

We Are Here



Ongoing Public Involvement within each Project Development Phase

*Draft EIR released for public comment period on January 17, 2019 and ended on March 4, 2019

Link US Upcoming Procurements

1. Link US Industry Review – September 2019
 - a. What do you want to see at this event?
2. Link US Design Support During Construction – Spring 2020
3. Metrolink Early Track Signal/Communications – Spring 2020
5. Link US AUR/Street/Civil Improvements – Late 2020
6. Link US Main Contract DB – Late 2021

Thank you!