Welcome

Public Information Meeting
Open House

California High-Speed Train Project

We invite you to review the alternatives developed to bring the High-Speed Train through Edison, the Tehachapis and Antelope Valley.

Your comments will help us design the best project.

05/24/10 hk/vsa...\\S43w2k3001\TECHDRAW\CAHSR-FP-Z4\Graphics\PIMs_June10\PIMs_June10 Folder\PIMs_June10.indd

California High-Speed Train System

PRELIMINARY DRAFT/SUBJECT TO CHANGE
HST ALIGNMENT IS NOT DETERMINED

Bakersfield to Palmdale Project EIR/EIS

California High-Speed Train Project

05/24/10 hk/vsa...\\S43w2k3001\TECHDRAW\CAHSR-FP-Z4\Graphics\PIMs_June10\PIMs_June10 Folder\PIMs_June10.indd

California High-Speed Train Background

- High Speed Rail Authority established in 1996
- Program Level EIR/EIS approved in 2005
- Proposition 1A approved 2008
- Phase 1 Operation (SF to LA) in 2020
- Full system 800 miles long
- Steel-wheel on steel-rail
- Electrically powered
- Double-tracked, one track in each direction
- Four tracks at stations to allow express trains to pass
- Tracks fully separate from crossing traffic

05/24/10 hk/vsa...\\S43w2k3001\TECHDRAW\CAHSR-FP-Z4\Graphics\PIMs_June10\PIMs_June10 Folder\PIMs_June10.indd

Environmental Process

Articulate Project Purpose & Need

Alternatives Analysis Draft

Study:
- **Preliminary Design Corridor**
- **Environmental & Community Impacts**

Prepare Draft EIR/EIS

Formally Certify Final EIR/EIS

Public Scoping

Official Public Comment

Ongoing Community & Agency Meetings, Interviews, Communications

05/24/10 hk/vsa...\\S43w2k3001\TECHDRAW\CAHSR-FP-Z4\Graphics\PIMs_June10\PIMs_June10 Folder\PIMs_June10.indd

Engineering Design Criteria

- Maintain Express Train speed of 220 mph
- No at-grade crossings
- Provide for gradual grade changes; avoid “roller coaster” effect
- Right-of-way width:
  - 60 feet wide for urban and elevated sections (2-track)
  - 100 feet wide for rural at-grade sections (2-track)
  - 118 feet wide at stations (4-track)
- 3000 feet of straight track into and out of the station (6000 feet total)
- Avoid impact on freight rail operations

05/24/10 hk/vsa...\\S43w2k3001\TECHDRAW\CAHSR-FP-Z4\Graphics\PIMs_June10\PIMs_June10 Folder\PIMs_June10.indd

Bakersfield to Palmdale Area Map

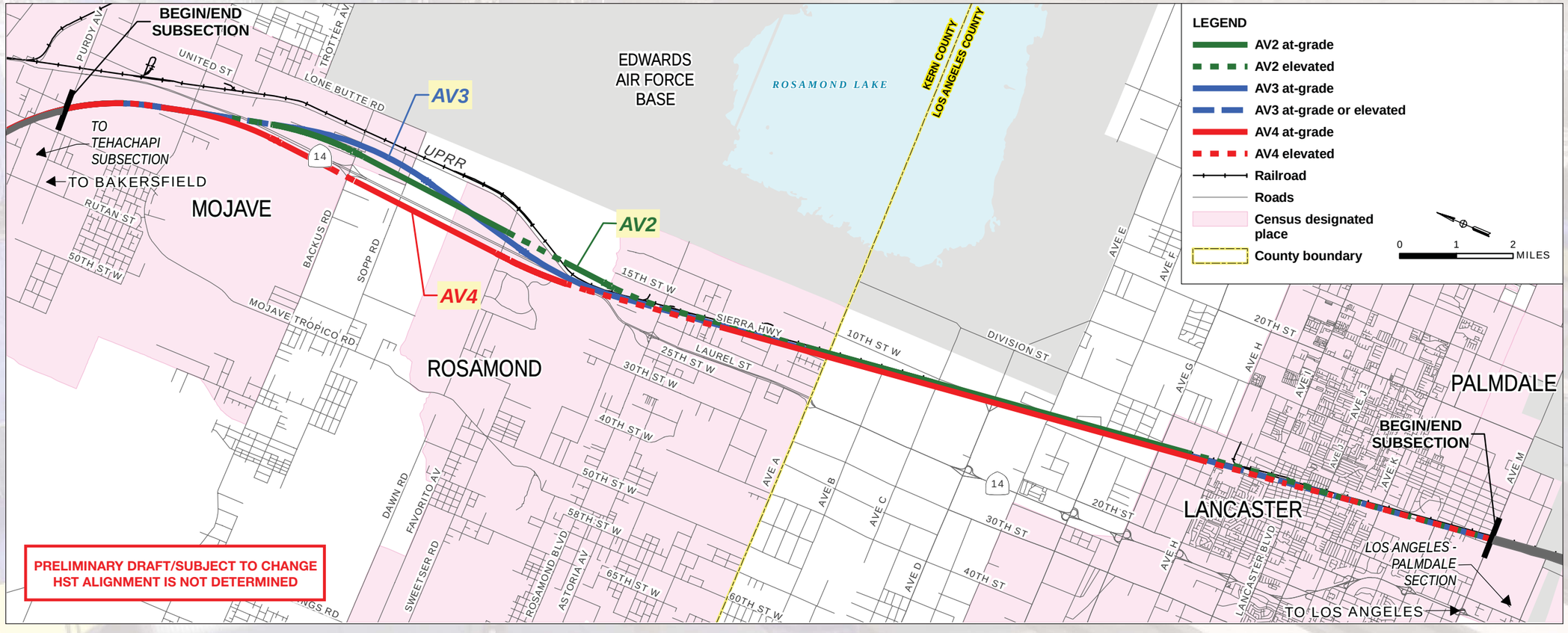
Bakersfield to Palmdale Project EIR/EIS

California High-Speed Train Project

5/20/10 hk/vsa...T:\CAHSR-FP-Z4\Graphics\PIMs_June10\Board section map_portrait.ai

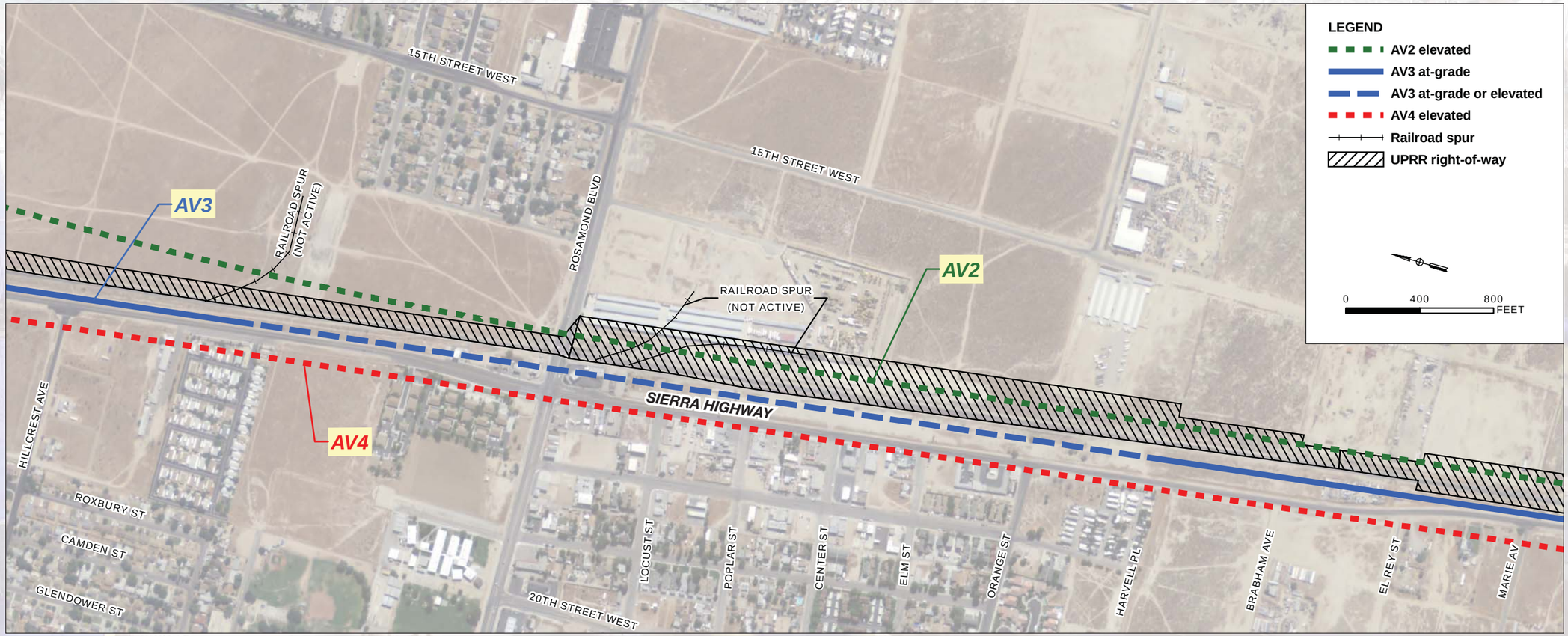
Antelope Valley (AV) Alternatives

Alternative	AV2 - East Side of UPRR	AV3 - Between UPRR and Sierra Highway		AV4 - Within or Adjacent to Sierra Highway	AV4 - UPRR Avoidance Option
Sub-Alternative	Mixed At-Grade and Elevated	All At-Grade	Partially Elevated	Primarily Elevated	Primarily Elevated



05/24/10 hk/vsa...\\S43w2k3001\TECHDRAW\CAHSR-FP-Z4\Graphics\PIMs_June10\PIMs_June10 Folder\PIMs_June10.indd

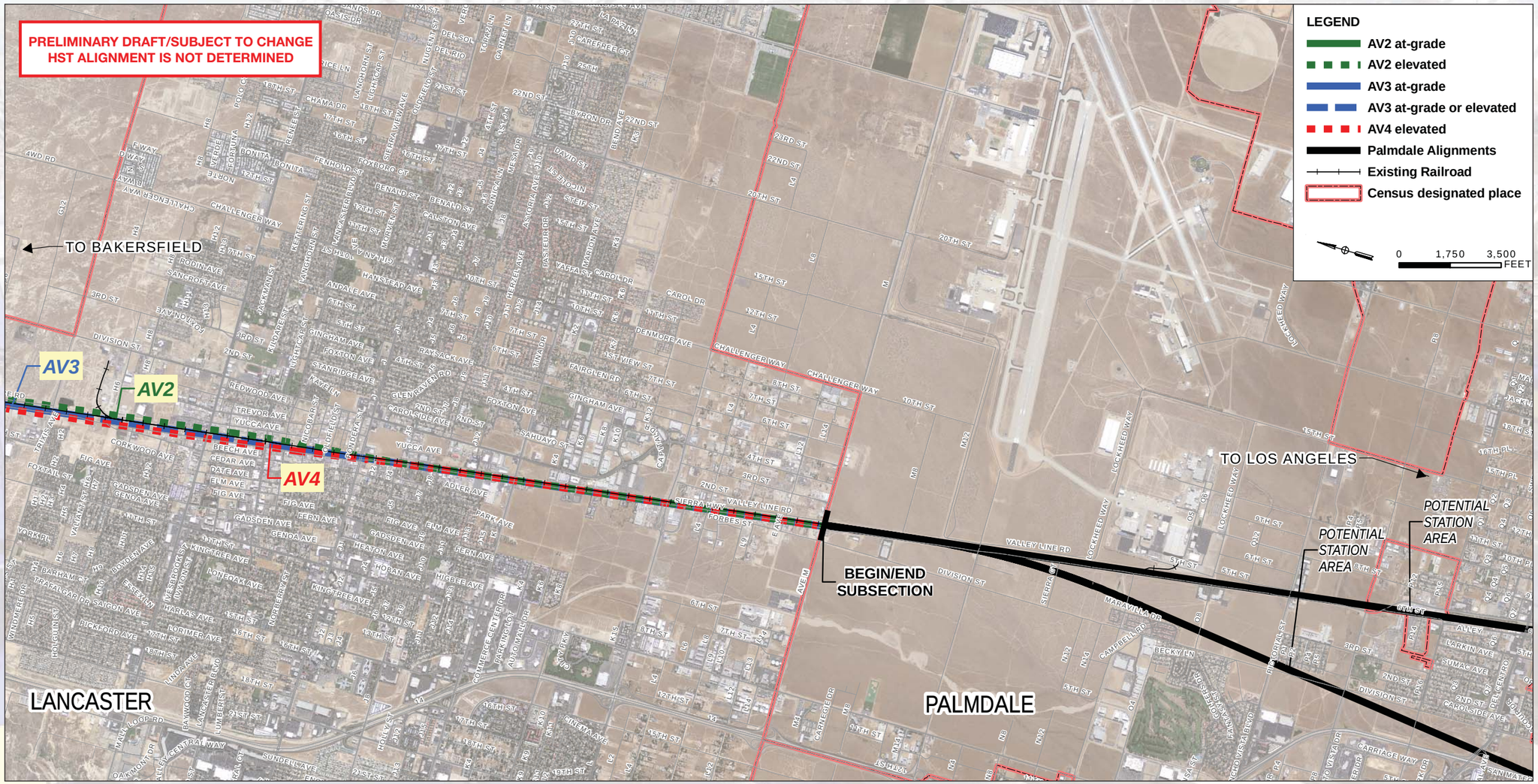
Rosamond Area



PRELIMINARY DRAFT/SUBJECT TO CHANGE
HST ALIGNMENT IS NOT DETERMINED

05/24/10 hk/vsa...\\S43w2k3001\TECHDRAW\CAHSR-FP-Z4\Graphics\PIMs_June10\PIMs_June10 Folder\PIMs_June10.indd

Connection to Palmdale – Los Angeles Section



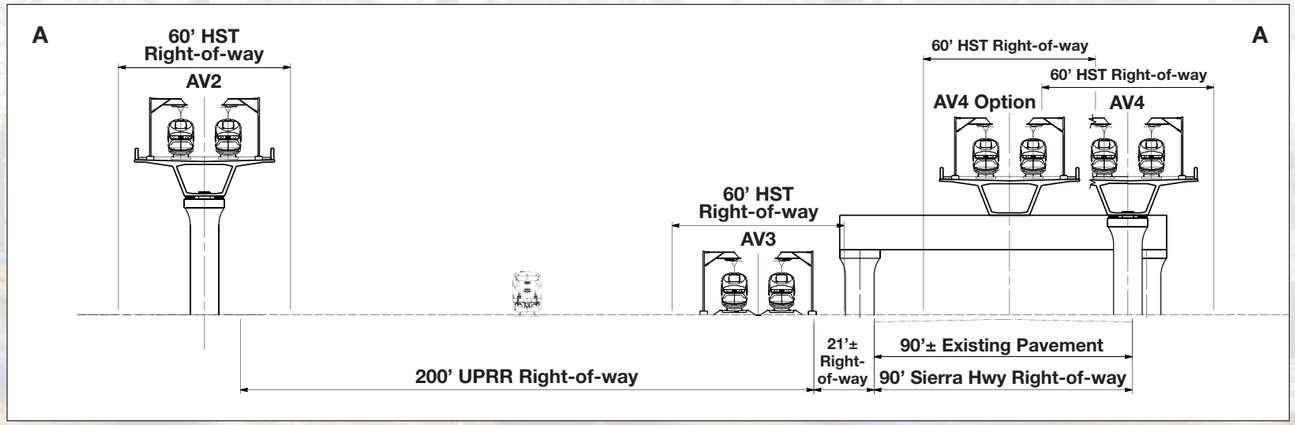
Bakersfield to Palmdale Project EIR/EIS

California High-Speed Train Project

05/24/10 hk/vsa...\\S43w2k3001\TECHDRAW\CAHSR-FP-Z4\Graphics\PIMs_June10\PIMs_June10 Folder\PIMs_June10.indd

Lancaster Avenue H to Avenue I

PRELIMINARY DRAFT/SUBJECT TO CHANGE
HST ALIGNMENT IS NOT DETERMINED

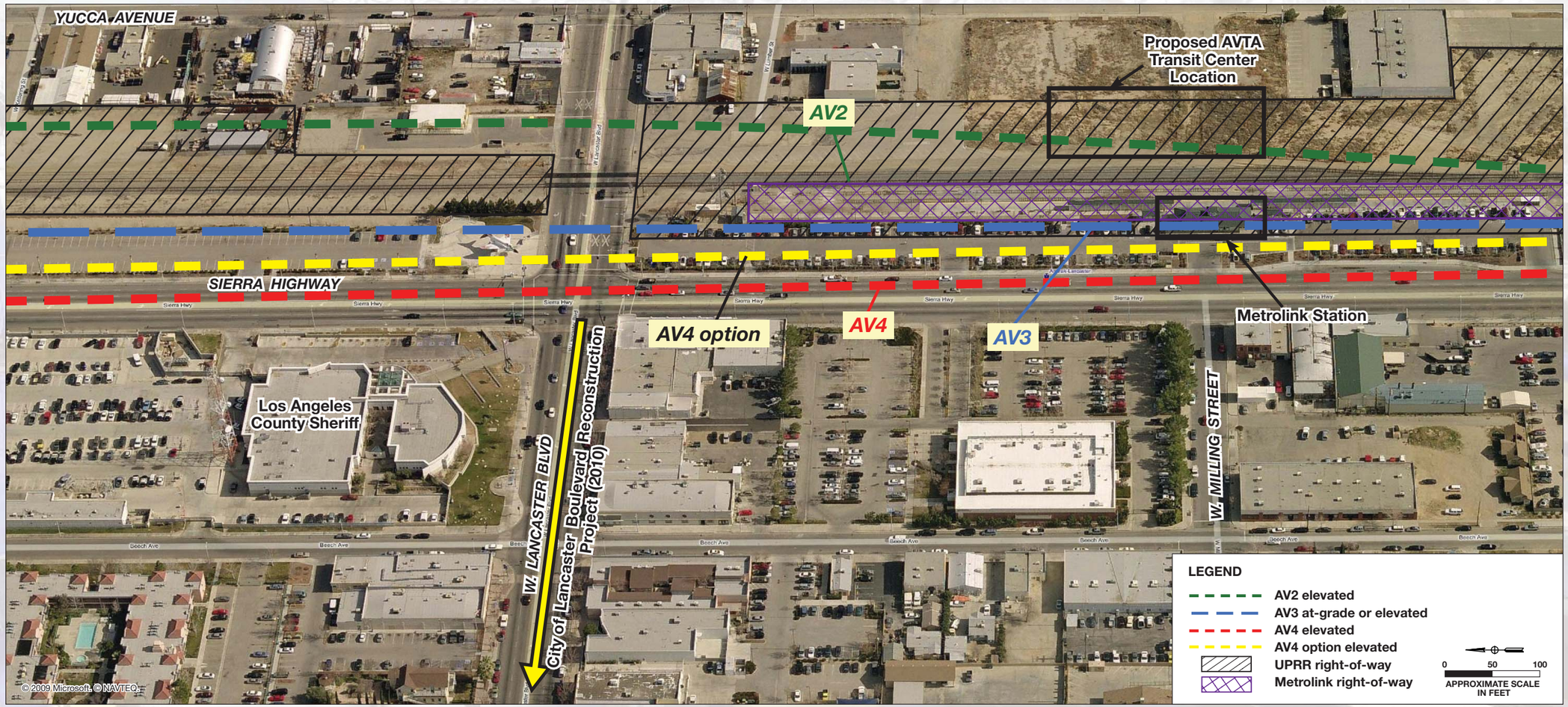


Cross-section South of Avenue H Overpass in Lancaster – Looking south

Avenue H Vicinity

05/24/10 hk/vsa...\\S43w2k3001\TECHDRAW\CAHSR-FP-Z4\Graphics\PIMs_June10\PIMs_June10 Folder\PIMs_June10.indd

Lancaster Metrolink Station Area

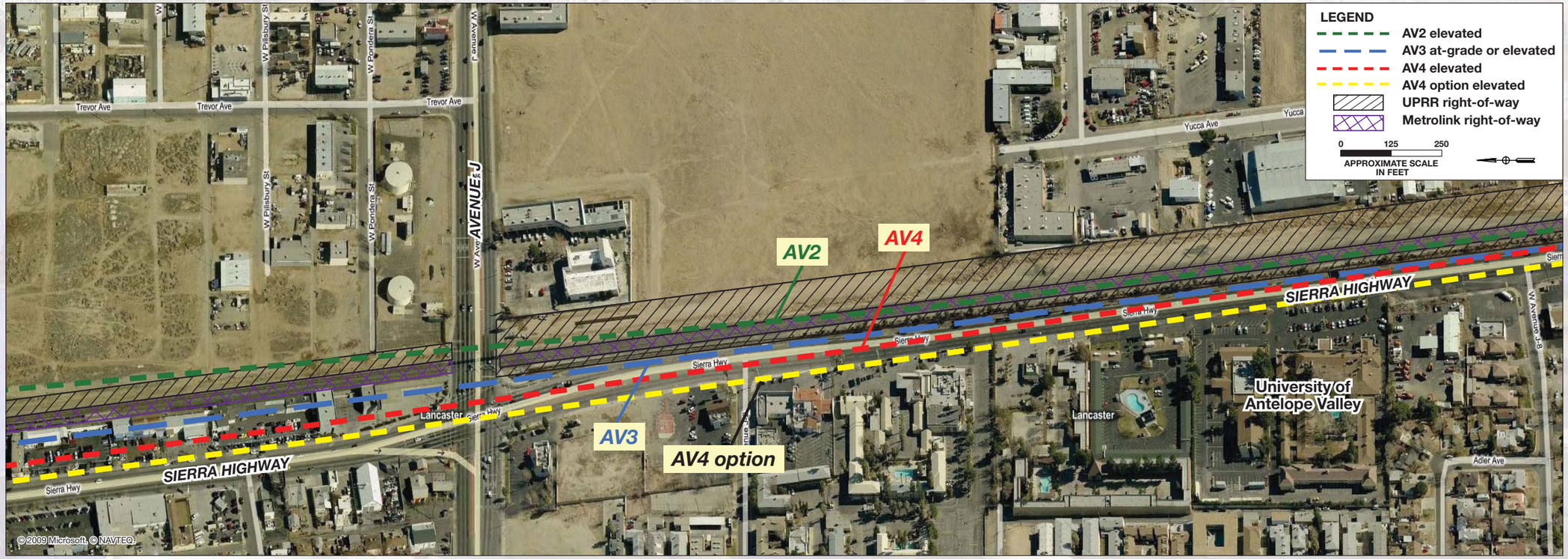


Lancaster Boulevard Vicinity

PRELIMINARY DRAFT/SUBJECT TO CHANGE
HST ALIGNMENT IS NOT DETERMINED

05/24/10 hk/vsa...\\S43w2k3001\TECHDRAW\CAHSR-FP-Z4\Graphics\PIMs_June10\PIMs_June10 Folder\PIMs_June10.indd

Lancaster Avenue J

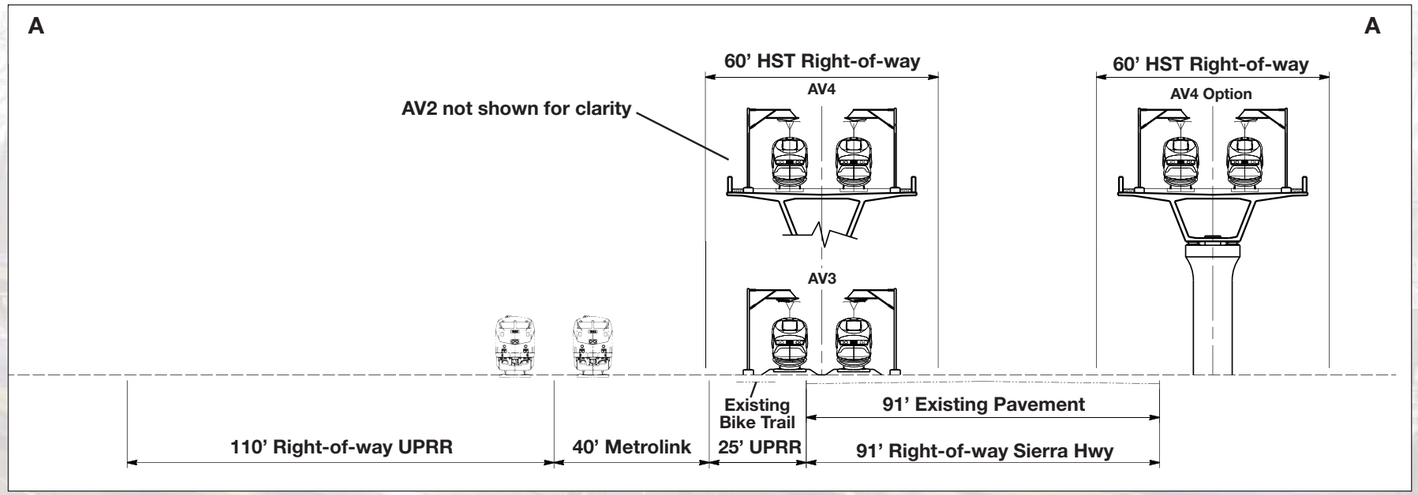


Avenue J Vicinity

PRELIMINARY DRAFT/SUBJECT TO CHANGE
HST ALIGNMENT IS NOT DETERMINED

05/24/10 hk/vsa...\\S43w2k3001\TECHDRAW\CAHSR-FP-Z4\Graphics\PIMs_June10\PIMs_June10 Folder\PIMs_June10.indd

Lancaster Avenue K



Cross-section at Avenue K in Lancaster – Looking south

PRELIMINARY DRAFT/SUBJECT TO CHANGE
HST ALIGNMENT IS NOT DETERMINED

Avenue K Vicinity

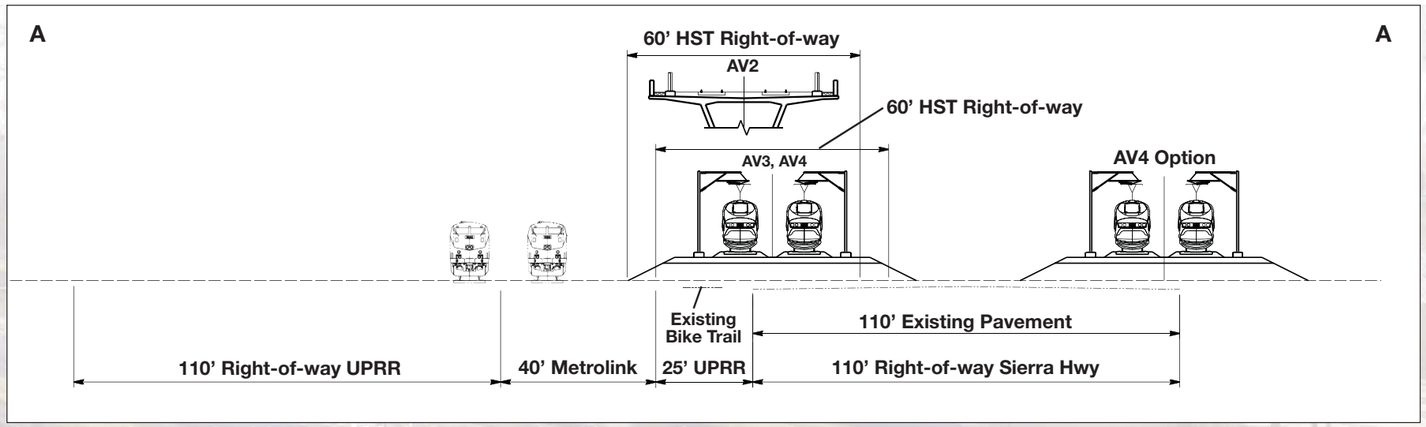
Bakersfield to Palmdale Project EIR/EIS

California High-Speed Train Project

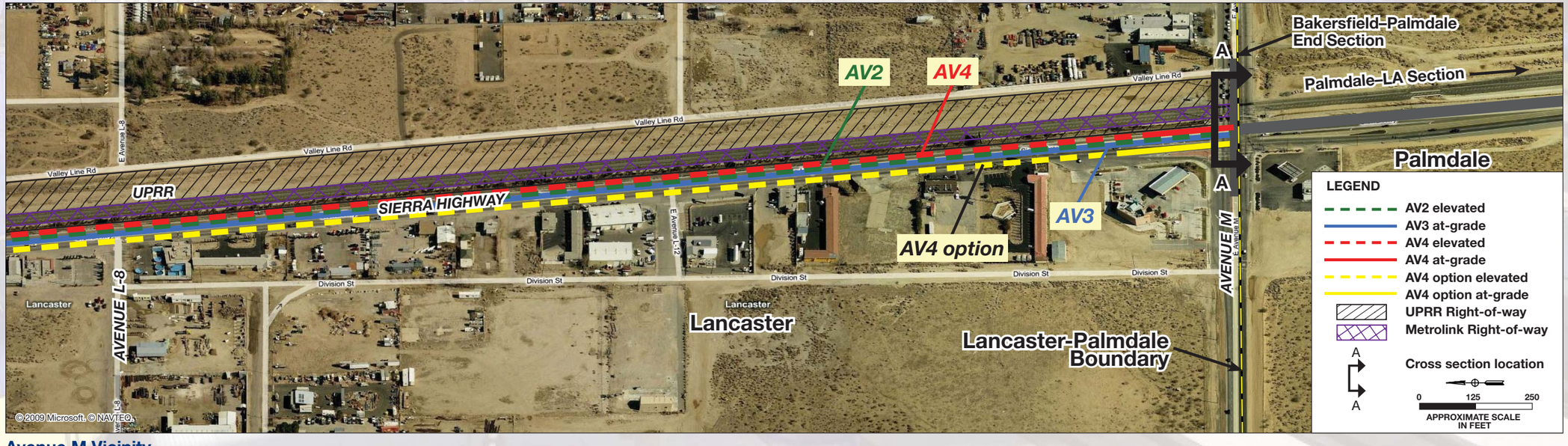
05/24/10 hk/vsa...\\S43w2k3001\TECHDRAW\CAHSR-FP-Z4\Graphics\PIMs_June10\PIMs_June10 Folder\PIMs_June10.indd

Lancaster Avenue M

PRELIMINARY DRAFT/SUBJECT TO CHANGE
HST ALIGNMENT IS NOT DETERMINED



Cross-section north of Avenue M in Lancaster – Looking south



Avenue M Vicinity

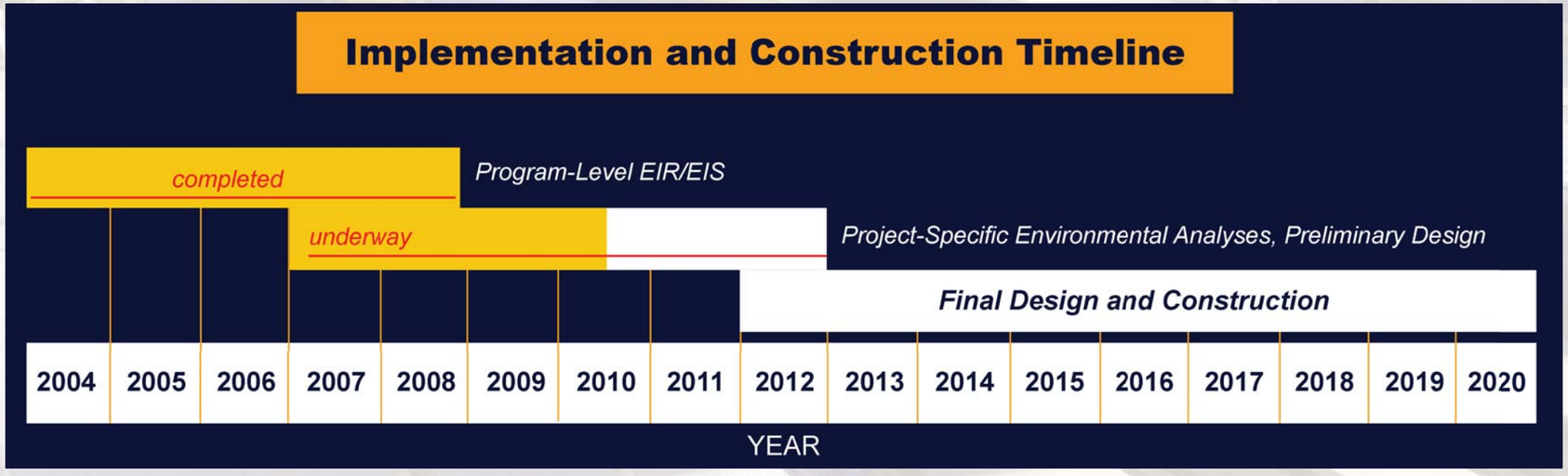
Bakersfield to Palmdale Project EIR/EIS

California High-Speed Train Project

05/24/10 hk/vsa...\\S43w2k3001\TECHDRAW\CAHSR-FP-Z4\Graphics\PIMs_June10\PIMs_June10 Folder\PIMs_June10.indd

Next Steps

- Receive Public and Stakeholder Comments
- Prepare Alternative Analysis Report
- Begin Environmental Documentation
  - National Environmental Policy Act
  - California Environmental Quality Act
- Begin Preliminary Design



05/20/10 hk/vsa...\\S43w2k3001\TECHDRAW\CAHSR-FP-Z4\Graphics\PIMs_June10\PIMs_June10 Folder\PIMs_June10.indd