



CALIFORNIA HIGH-SPEED RAIL AUTHORITY

August 2, 2012

Fresno-Bakersfield
Revised Draft Environmental Impact Report/
Supplemental Draft Environmental Impact
Statement

PRESENTATION PURPOSE

- **Update on the environmental review of the Fresno to Bakersfield Section.**
- **No decisions are being made in conjunction with this presentation.**
- **No Board action is required. This is an informational presentation only.**

SUMMARY OF WHAT WE WILL COVER

- Overview
- Project Alternatives
- Status of Revised Draft EIR/Supplemental Draft EIS
- Next Steps

ENVIRONMENTAL REVIEW OF FRESNO TO BAKERSFIELD SECTION

Statewide Program EIR/EIS (2005)

- BNSF corridor preferred alignment, bypassing Hanford to the west.
- Commitment to study Hanford-Visalia-Tulare station, resulted in station to east of Hanford.

Project Draft EIR/EIS (2011)

- Assessed 6 project-specific alternatives in BNSF corridor.

Revised Draft EIR/Supplemental Draft EIS (2012)

- Assesses new alternatives west of Hanford and in Bakersfield.



ONGOING PUBLIC OUTREACH

ONGOING OUTREACH TO ADDRESS ISSUES RAISED BY STAKEHOLDERS AND THE PUBLIC.

The Authority has met with the following:

- Bakersfield Homeless Shelter
- California Retired County Employees Association
- California State Board of Food and Agriculture
- Caltrans
- City of Bakersfield
- City of Fresno
- City of Hanford
- City of Wasco
- City of Wasco Housing Authority
- Fresno County
- Laton Community Services District
- Kern High School District
- Department of Pesticide Regulations
- Fresno Council of Governments
- Fresno Farm Bureau and other Agricultural interests
- Fresno Rescue Mission
- Fresno Economic Development Corporation
- Kern County
- Kern Council of Governments
- Kings County
- Businesses
- Irrigation and Water Districts
- San Joaquin Valley Regional Policy Council
- Tulare County
- Bakersfield High School
- Save Bakersfield
- Kern Grade Separation District
- BNSF

RECENT PUBLIC AND STAKEHOLDER MEETINGS

- **Public Information Meetings**

- May 15, Shafter
- May 16, Rosedale
- May 17, Bakersfield
- May 22, Fresno
- May 23, Hanford
- May 24, Corcoran

- **Technical Working Groups**

- May 17, Bakersfield
- May 22, Fresno
- May 23, Hanford

NEPA/404 PERMIT COORDINATION

- **Purpose of Coordination**

- USACE can only permit Least Environmentally Damaging Practicable Alternative (LEDPA).
- Coordination to ensure preferred alternative identified in EIR/EIS is consistent with LEDPA.

- **Coordination Checkpoints**

- Checkpoint A – agreement on project purpose and need.
- Checkpoint B – agreement on alternatives evaluated in EIR/EIS.
- Checkpoint C – agreement on LEDPA.

NEPA/404 PERMIT COORDINATION STATUS

- **Project Draft EIR/EIS**
 - Checkpoint A completed.
 - Checkpoint B discussions completed with EPA and USACE.
- **Revised Draft EIR/Supplemental Draft EIS**
 - Checkpoint B completed.
 - Checkpoint C to be completed prior to release of Final EIR/EIS.

BNSF Alternative

- 114 miles from Fresno station to Bakersfield station

Hanford Alternatives

- Hanford East Bypass (BNSF Alternative)
- Hanford West Bypass

Corcoran Alternatives

- West of BNSF Railway (BNSF Alternative)
- Corcoran Elevated
- Corcoran Bypass

Allensworth Alternatives

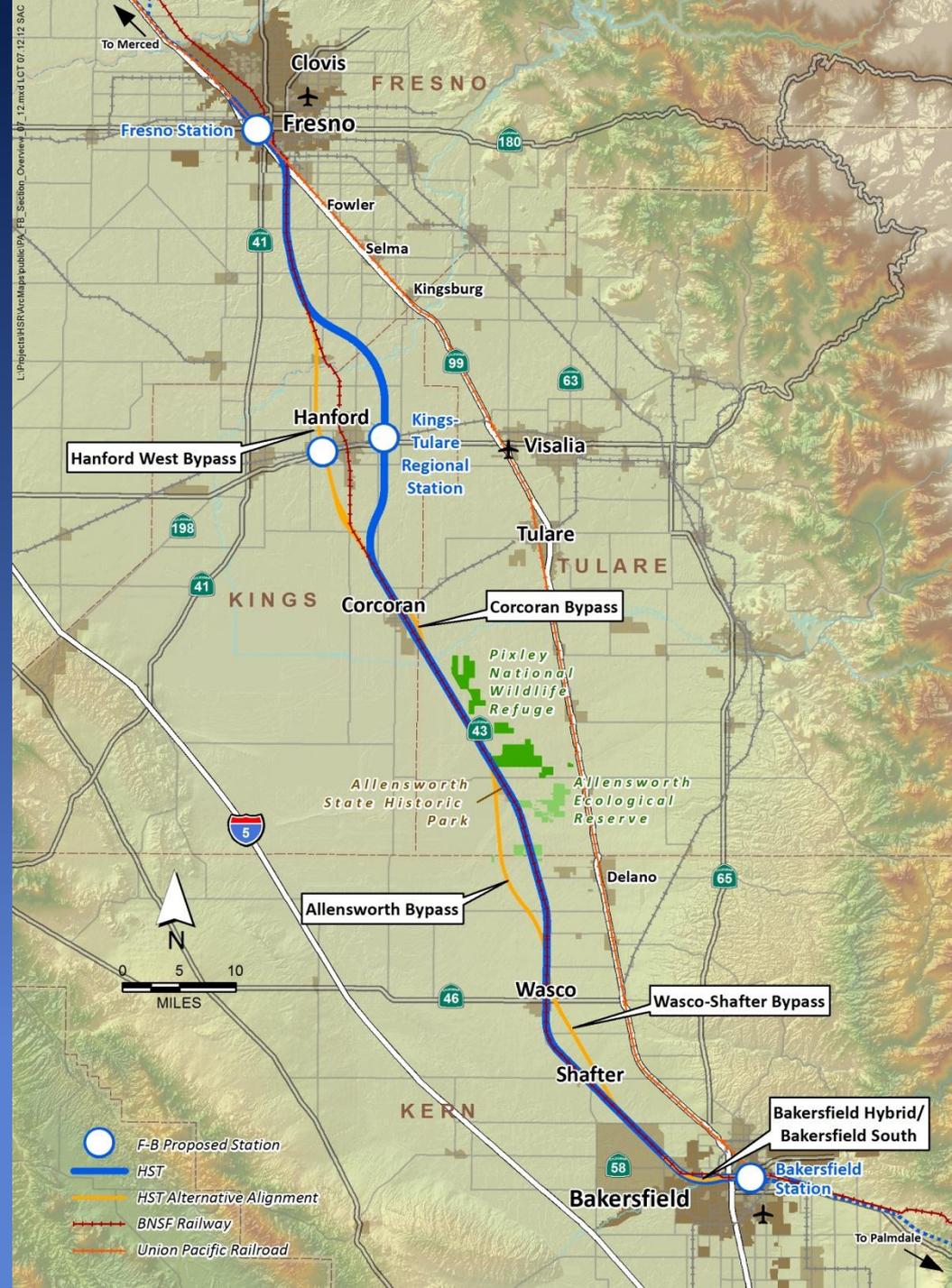
- BNSF Railway (BNSF Alternative)
- Allensworth Bypass

Wasco-Shafter Alternatives

- BNSF Railway (BNSF Alternative)
- Wasco-Shafter Bypass

Bakersfield Alternatives

- Bakersfield North (BNSF Alternative)
- Bakersfield South
- Bakersfield Hybrid



HANFORD EAST



Kings River Near Alignment Crossing at SR-43



Kings/Tulare Regional Station Site - East



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HANFORD WEST



Mt. Whitney Avenue, Laton



Kings/Tulare Regional Station Site - West



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COMPARISON OF HANFORD ALTERNATIVES

RESOURCE AREA	HANFORD EAST	HANFORD WEST
Wetlands (acres)	0	1.1-1.4
Other Waters of the U.S. (acres)	43.8	41.1-57.4
Number of Residences Severely Impacted by Noise (after mitigation)	178	231-287
Agricultural Land Converted (acres)	1,075	798-853
4(f) Properties Impacted	1	3-4
Community Division	Yes	No
Disproportionate Impact on EJ Communities	No	No
Housing Units Displaced	62	50-53
Travel Time	0:08:17	0:07:43 – 0:08:02
Estimated Cost (millions)	\$1,565	\$1,510 - \$1,664

CORCORAN



Corcoran Bypass at Niles and Ave. 5 1/2



Otis Ave. near Whitley Ave.



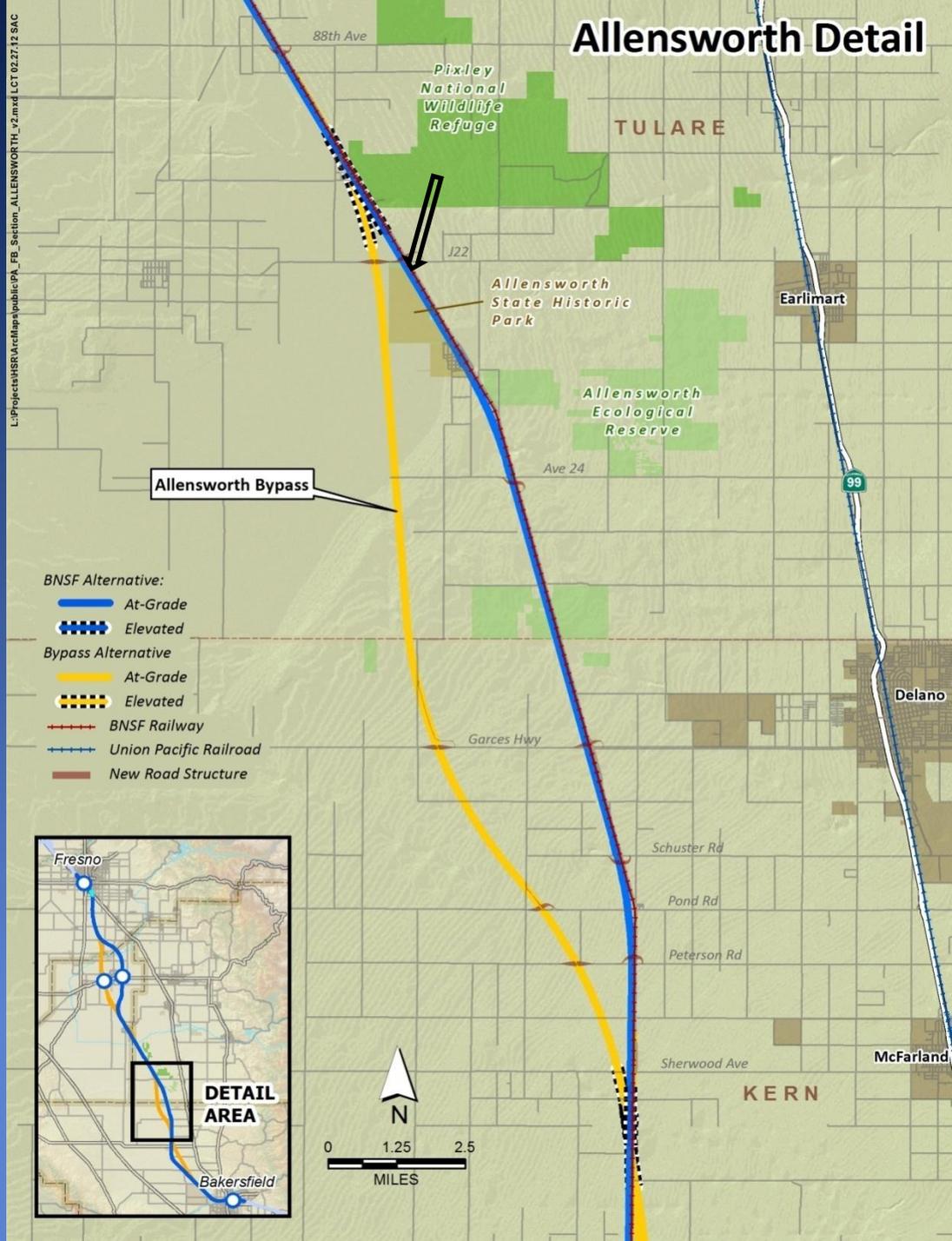
COMPARISON OF CORCORAN ALTERNATIVES

RESOURCE AREA	BNSF (Through Corcoran West Side of BNSF)	CORCORAN ELEVATED (Through Corcoran East Side of BNSF)	CORCORAN BYPASS
Wetlands (acres)	9.8	9.8	3.3
Other Waters of the U.S. (acres)	43.3	45.8	41.8
Number of Residences Severely Impacted by Noise (after mitigation)	79	27	111
Agricultural Land Converted (acres)	261	106	184
4(f) Properties Impacted	0	0	0
Community Division	No	No	Yes
Disproportionate Effects on EJ Communities	Yes	Yes	No
Housing Units Displaced	52	3	31
Travel Time	0:02:25	0:02:42	0:02:44
Estimated Cost (millions)	\$661	\$741	\$422

ALLENSWORTH



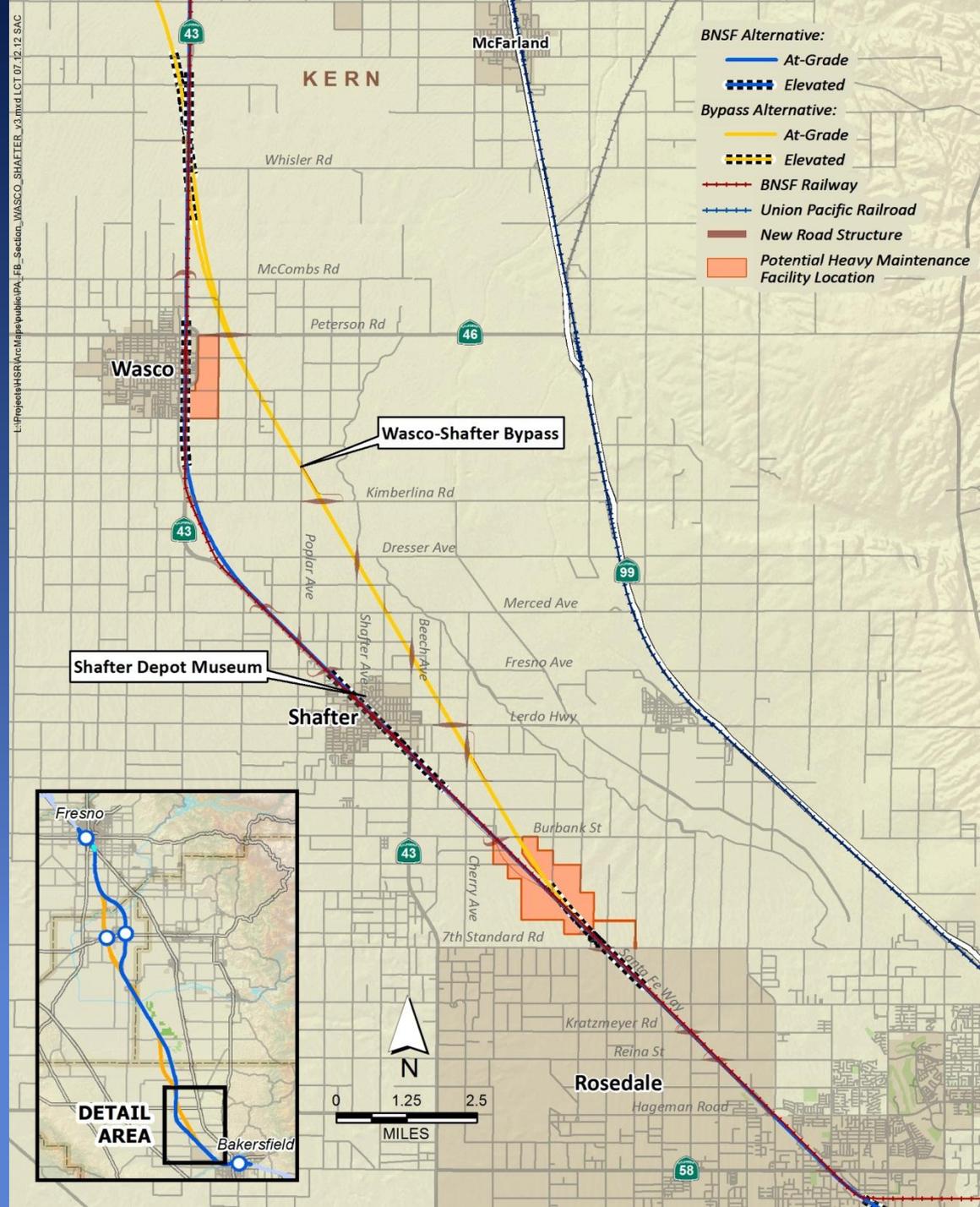
Colonel Allensworth State Historic Park



COMPARISON OF ALLENSWORTH ALTERNATIVES

RESOURCE AREA	BNSF	ALLENSWORTH BYPASS
Wetlands (acres)	93.2	25.2
Other Waters of the U.S. (acres)	145.7	154.6
Number of Residences Severely Impacted by Noise (after mitigation)	14	0
Agricultural Land Converted (acres)	468	386
4(f) Properties Impacted	2	0
Community Division	No	No
Disproportionate Effects on EJ Communities	Yes	No
Housing Units Displaced	9	0
Travel Time	0:07:35	0:07:35
Estimated Cost (millions)	\$774	\$696

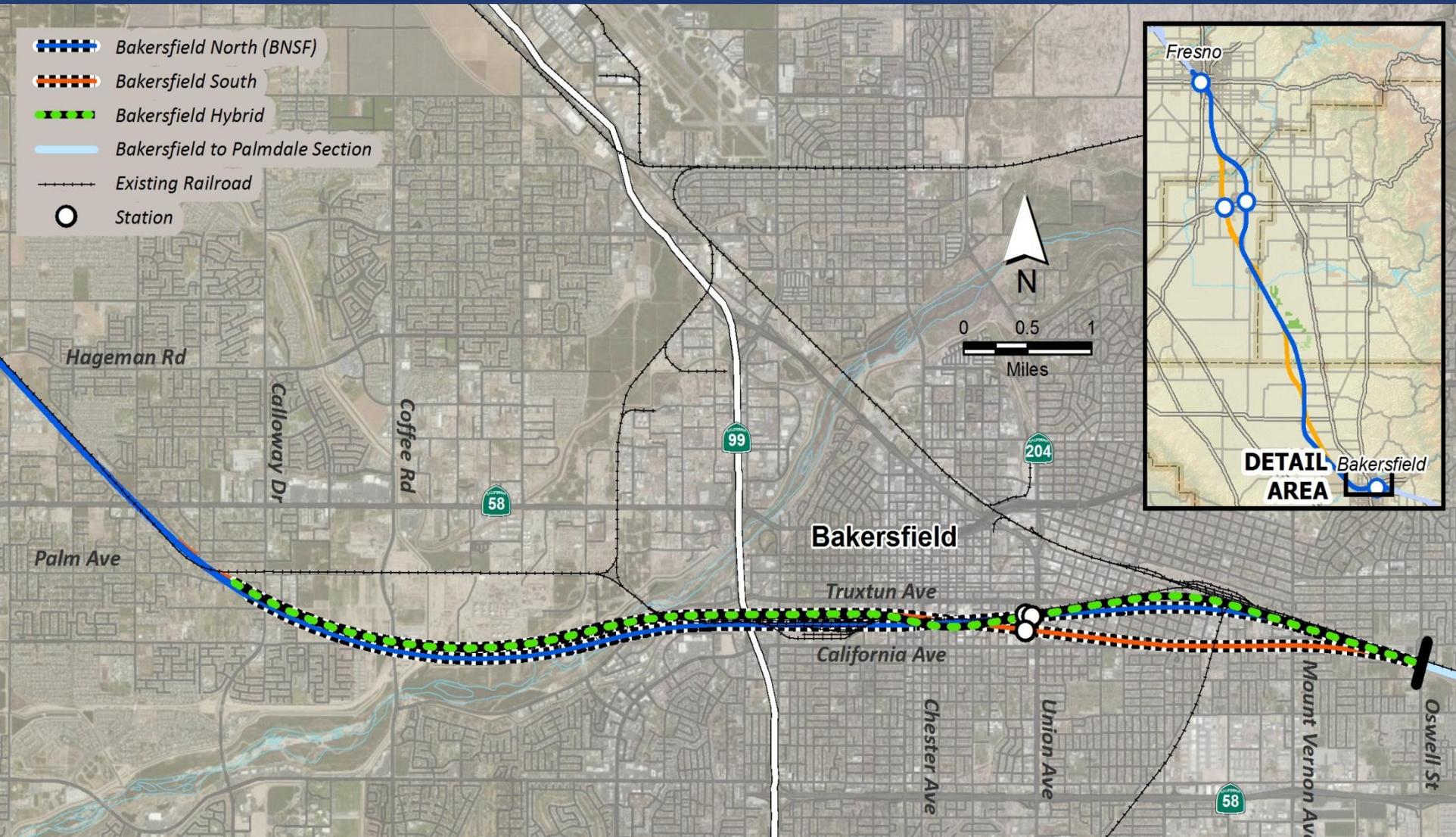
WASCO/SHAFTER BYPASS



COMPARISON OF WASCO-SHAFTER ALTERNATIVES

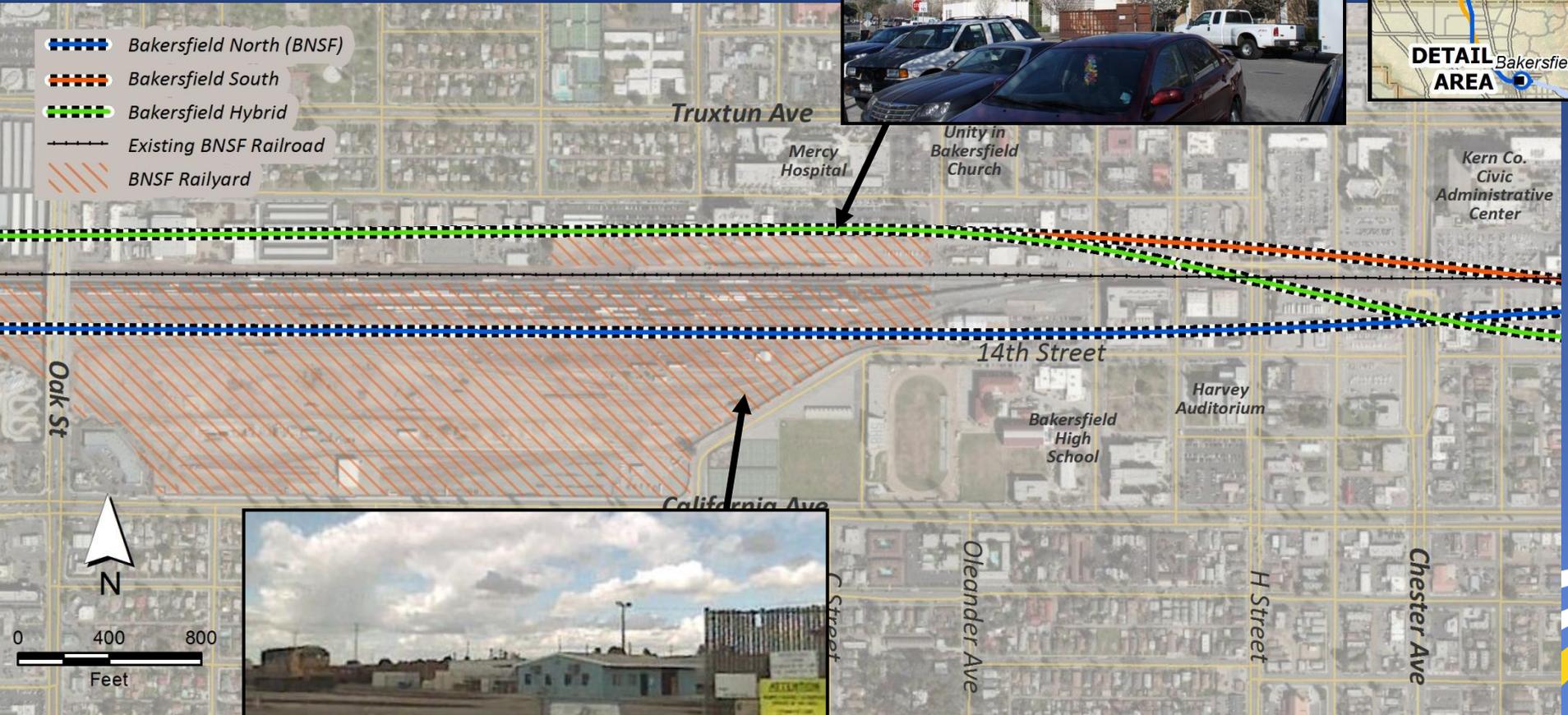
RESOURCE AREA	BNSF	WASCO-SHAFTER BYPASS
Wetlands (acres)	0	0
Other Waters of the U.S. (acres)	30.2	18.3
Number of Residences Severely Impacted by Noise (after mitigation)	531	90
Agricultural Land Converted (acres)	683	667
4(f) Properties Impacted	0	0
Community Division	No	No
Disproportionate Effects on EJ Communities	Yes	No
Housing Units Displaced	23	18
Travel Time	0:05:42	0:04:00
Estimated Cost (millions)	\$1,564	\$1,074

BAKERSFIELD ALIGNMENT ALTERNATIVES

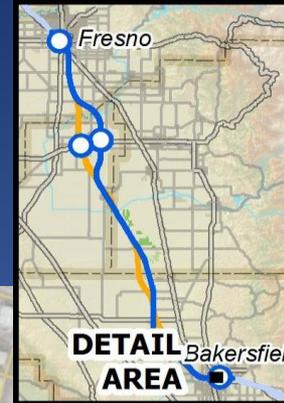


BAKERSFIELD ALIGNMENT ALTERNATIVES (WEST DETAIL)

-  Bakersfield North (BNSF)
-  Bakersfield South
-  Bakersfield Hybrid
-  Existing BNSF Railroad
-  BNSF Railyard



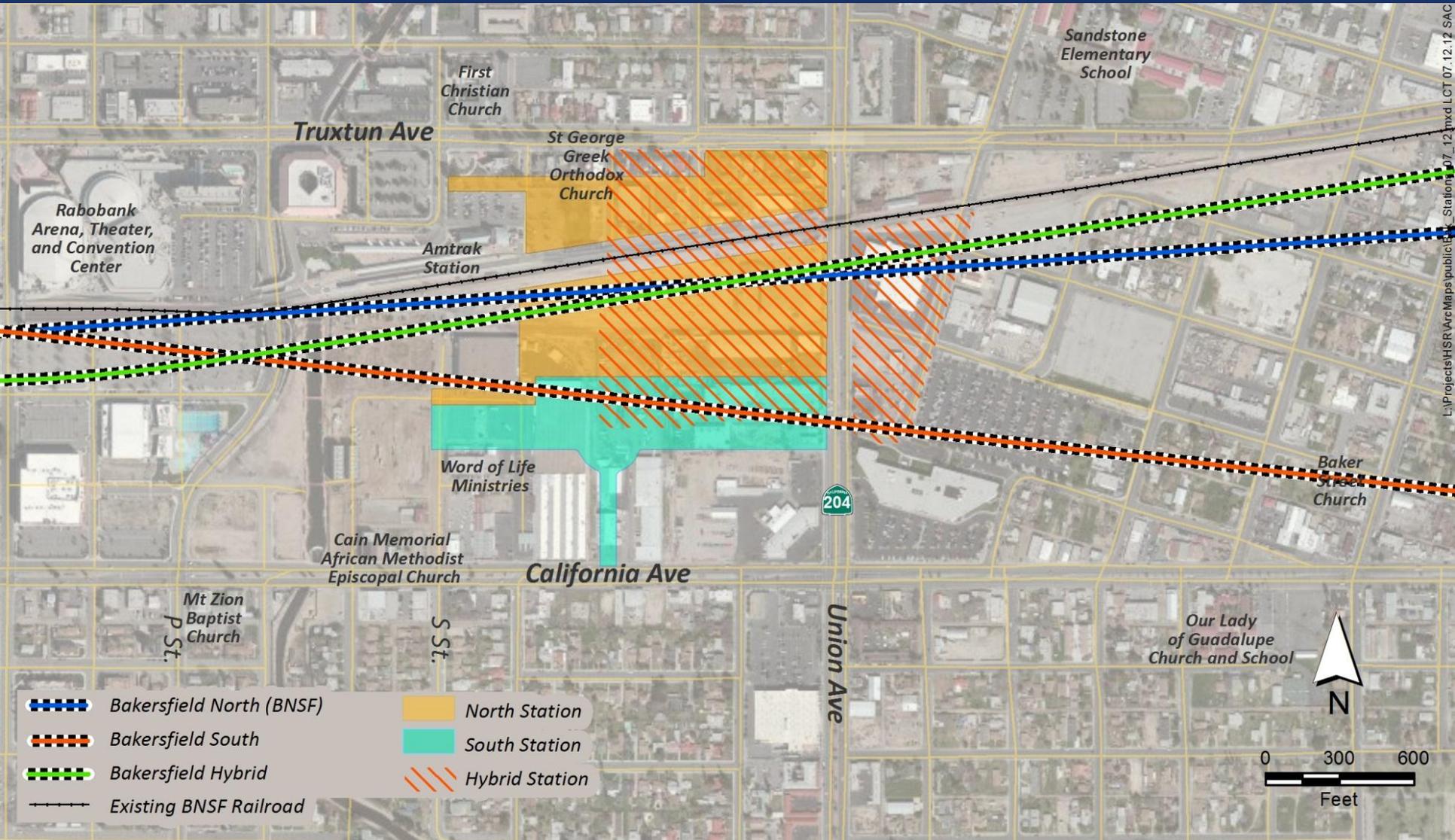
BAKERSFIELD ALIGNMENT ALTERNATIVES (CENTRAL DETAIL)



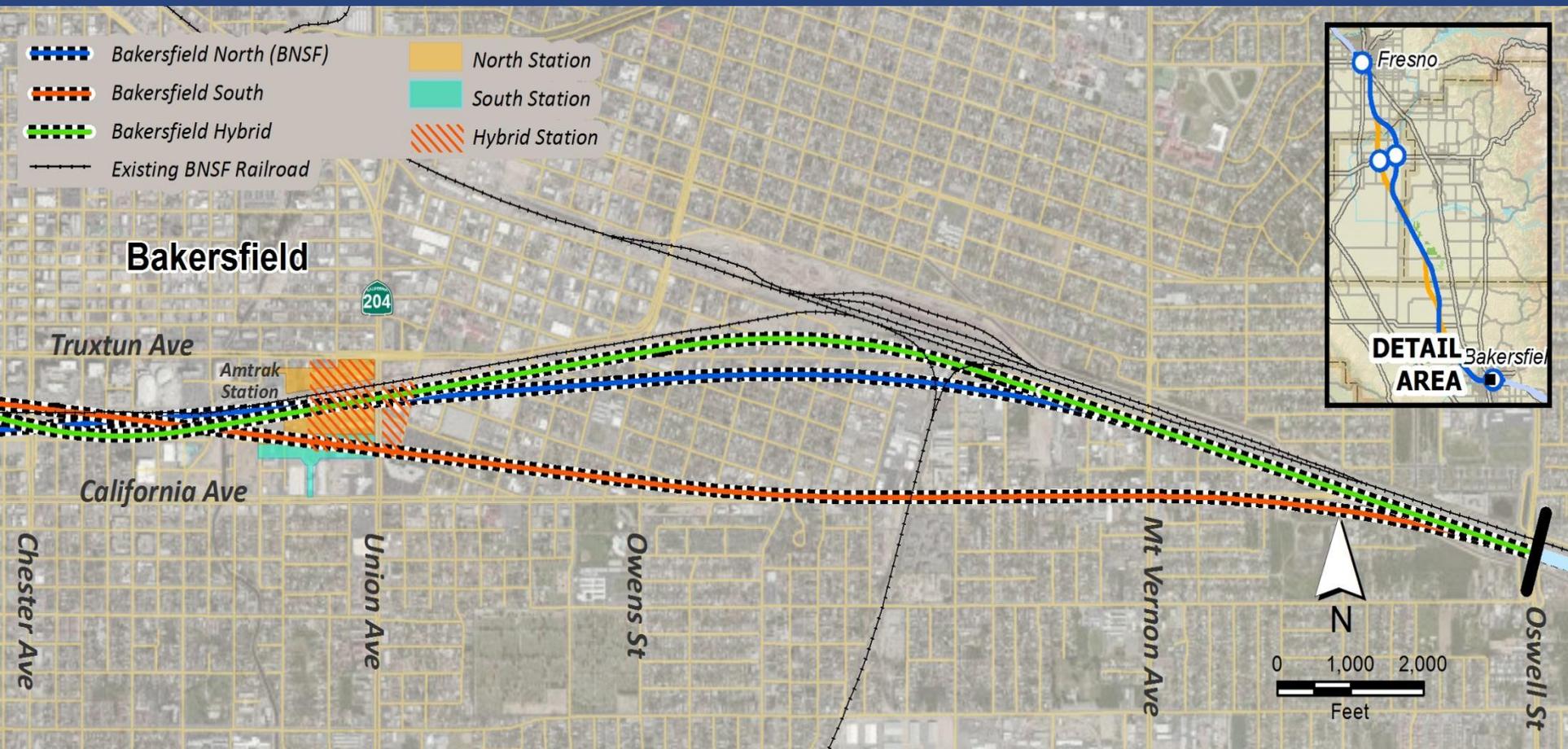
-  Bakersfield North (BNSF)
-  Bakersfield South
-  Bakersfield Hybrid
-  Existing BNSF Railroad
-  North Station
-  South Station
-  Hybrid Station



BAKERSFIELD STATION OPTIONS



BAKERSFIELD ALIGNMENT ALTERNATIVES (EAST DETAIL)



COMPARISON OF BAKERSFIELD ALTERNATIVES

RESOURCE AREA	BAKERSFIELD NORTH (BNSF)	BAKERSFIELD SOUTH	BAKERSFIELD HYBRID
Wetlands (acres)	0.8	0.6	0.6
Other Waters of the U.S. (acres)	47.5	37.1	37.2
Number of Residences Severely Impacted by Noise (after mitigation)	14	64	95
4(f) Properties Impacted	1	2	1
Community Division	No	No	No
Disproportionate Effects on EJ Communities	Yes	Yes	Yes
Housing Units Displaced	265	272	186
Community Facilities Displaced			
Bakersfield HS Industrial Arts Building	Yes	No	No
Mercado Latino Tianguis	Yes	No	Yes
Bakersfield Homeless Shelter	No	No	Yes
Medical Facility Associated with Mercy Hospital	No	Yes	Yes
Kern County Mental Health	No	No	Yes
Religious Facilities	3	5	0
Travel Time	0:03:19	0:03:17	0:04:17
Estimated Cost (millions)	\$1,409	\$1,413	\$1,417

REVISED DEIR/SUPPLEMENTAL DEIS

- **Revised Draft EIR/Supplemental Draft EIS released on July 20, 2012.**
- **60 day public review period ending September 20, 2012.**

PUBLIC WORKSHOPS

- **Informational Open House Meetings**

- Focused on how to find information in the Revised Draft EIR/Supplemental Draft EIS.
- How to make comments.
- Receive written comments.

- **Scheduled Workshops**

August 13, Rosedale

August 14, Wasco

August 15, Corcoran

August 16, Fresno

PUBLIC HEARINGS

- **Focused on Receiving Public Forum Oral Comments**

- Court Reporter

- **Scheduled Hearings**

August 27, Bakersfield

August 28, Hanford

August 29, Fresno

SCHEDULE



- **Notice of Availability** in *Federal Register*, July 20, 2012
- **Public Comment Period** is 60 Calendar Days
 - Starts: July 20, 2012
 - Ends: September 20, 2012
- Comments Reviewed
- Board Selects **Preferred Alternative**, Fall 2012
- Issue **Final EIR/EIS**, End 2012
- **Certification** by Board, February 2013
- FRA Issues **Record of Decision**, March 2013

QUESTIONS?