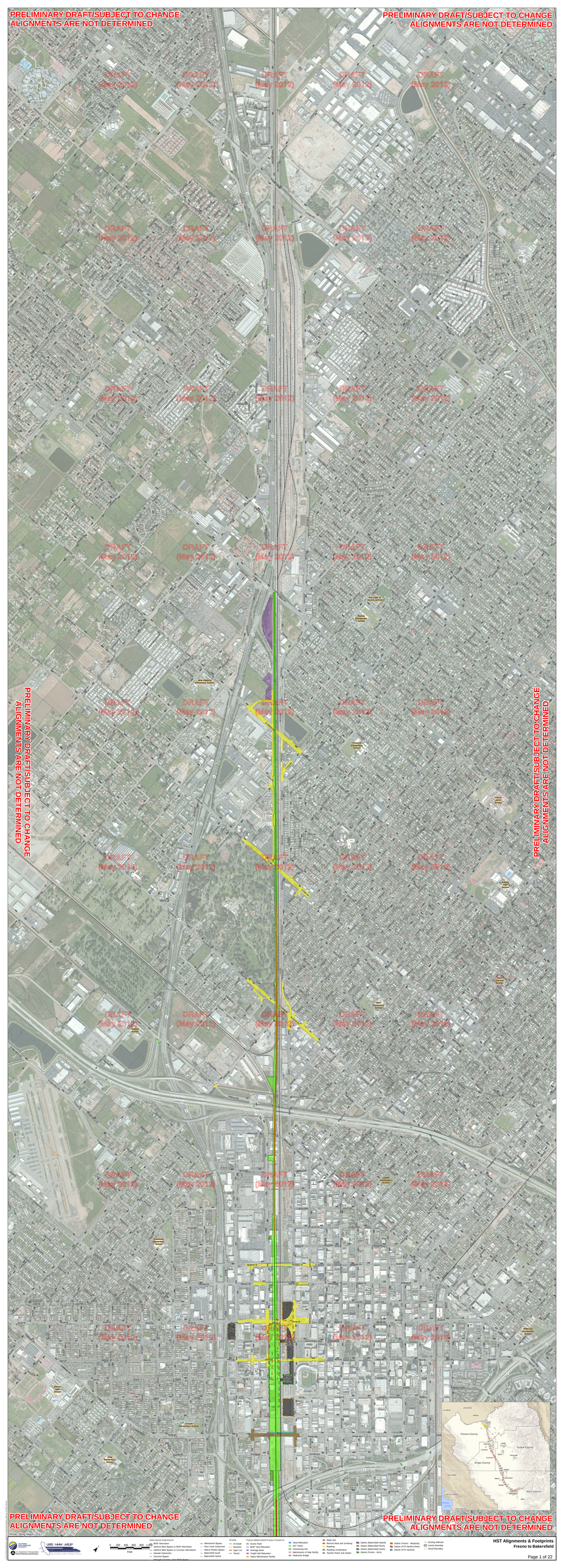
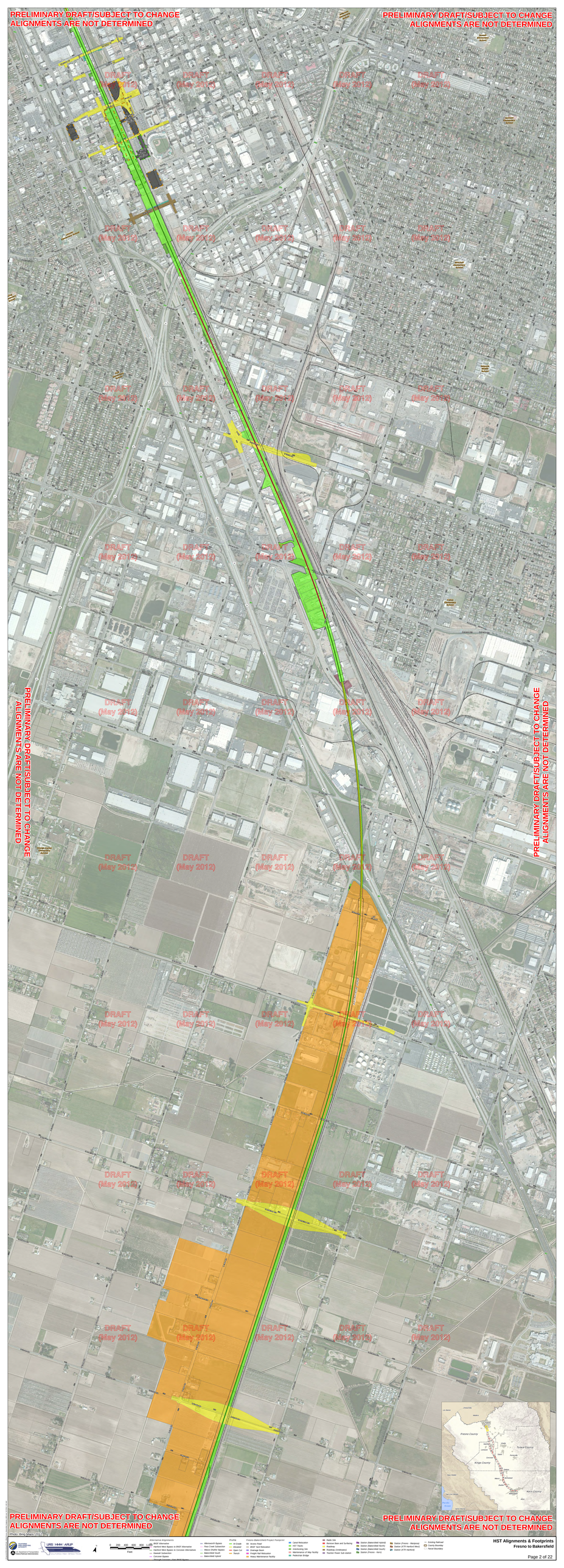


HST Alignments & Footprints
Fresno to Bakersfield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Kaweah Subsection
Corcoran Bypass
Corcoran Bypass - Laton Wye Section
Allensworth Bypass
Allensworth Bypass Subsection
Wasco-Shafter Bypass
Bakersfield South
Bakersfield Hybrid
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At-Grade
Elevated
Open Cut
Trench
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HST Construction
Drainage Basin
Freight Rail Relocation
Heavy Maintenance Facility
Yard Relocation
HST Tracks
Interlocking Site
Maintenance of Way Facility
Pedestrian Bridge
Radio Site
Remove Base and Surfacing
Roadway
Roadway (Underpass)
Traction Power Sub-station
Station (Kings/Tulare Regional)
Station (Bakersfield Central)
Station (Bakersfield North)
Station (Bakersfield South)
Station (Fresno - Kern)
Station (Fresno - Madera)
Station (Fresno Downtown)
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County Boundary
Parcel Boundary
Feet
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LRS: I-99/ ASLP
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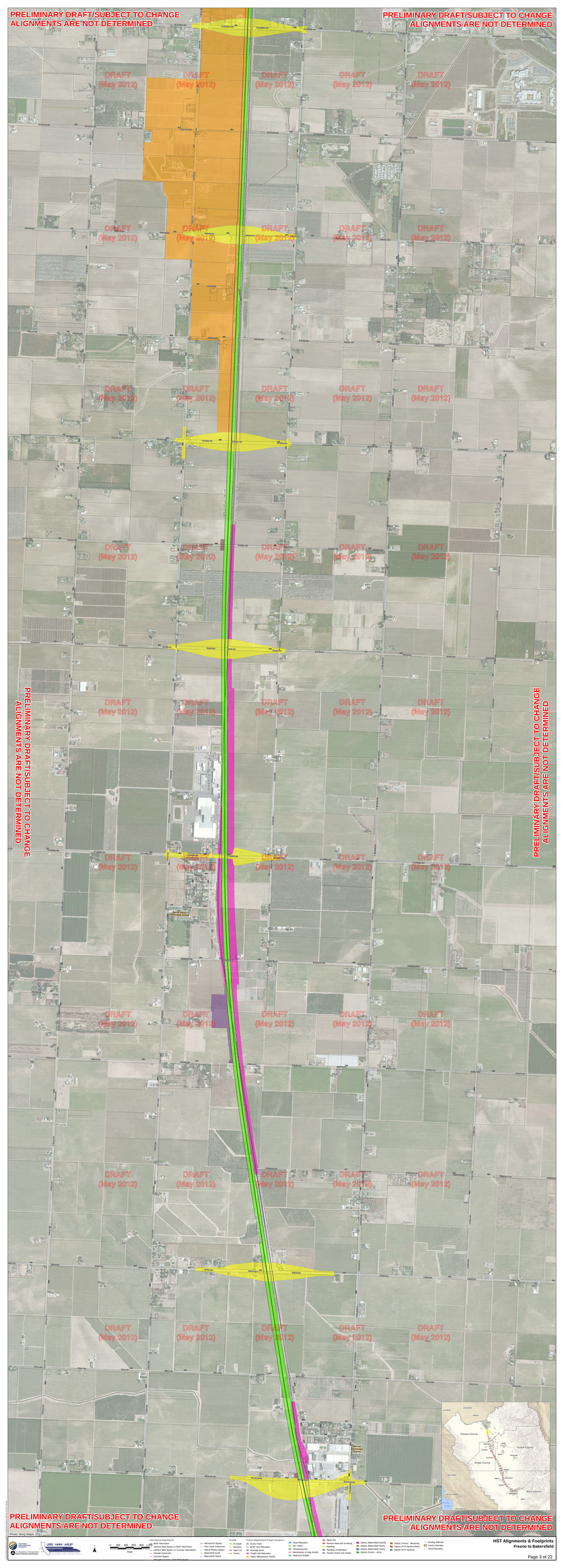
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Station (HTF-Hanford)
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Parcel Boundary
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Kern County
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Fresno
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Dinuba
Visalia
Tulare
Hanford
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Corcoran
Delano
Wasco
Shafter
Bakersfield
Arvin
Lamont
Edison
Lost Hills
Buttonwillow
Taft
Maricopa
Kern River
Kaweah River
Tule River
Kings River
San Joaquin River
Pine Flat Lake
Kaweah Lake
Success Lake
Lake Kaweah
Tulare Lake
Buena Vista Lake
Kern Lake
Lake Isabella
Pacific Ocean
Nevada
Arizona
Oregon
0 500 1,000 2,000 3,000 4,000
Feet
LRIS / HHM / ARUP
Prepared by:
U.S. Department of Transportation
Federal Railroad Administration
California High-Speed Rail Authority
Photo: Bing Maps, 2012
HST Alignments & Footprints
Fresno to Bakersfield
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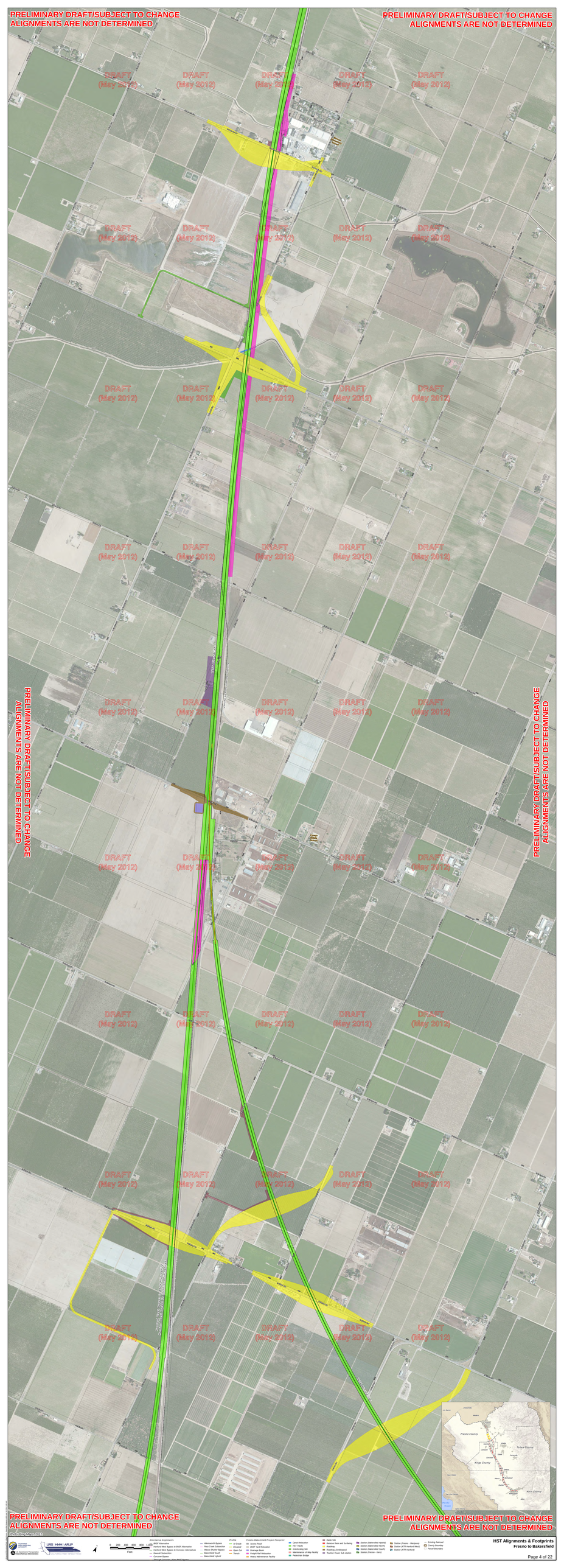
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Station (Fresno - Madera)
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Fresno to Bakersfield
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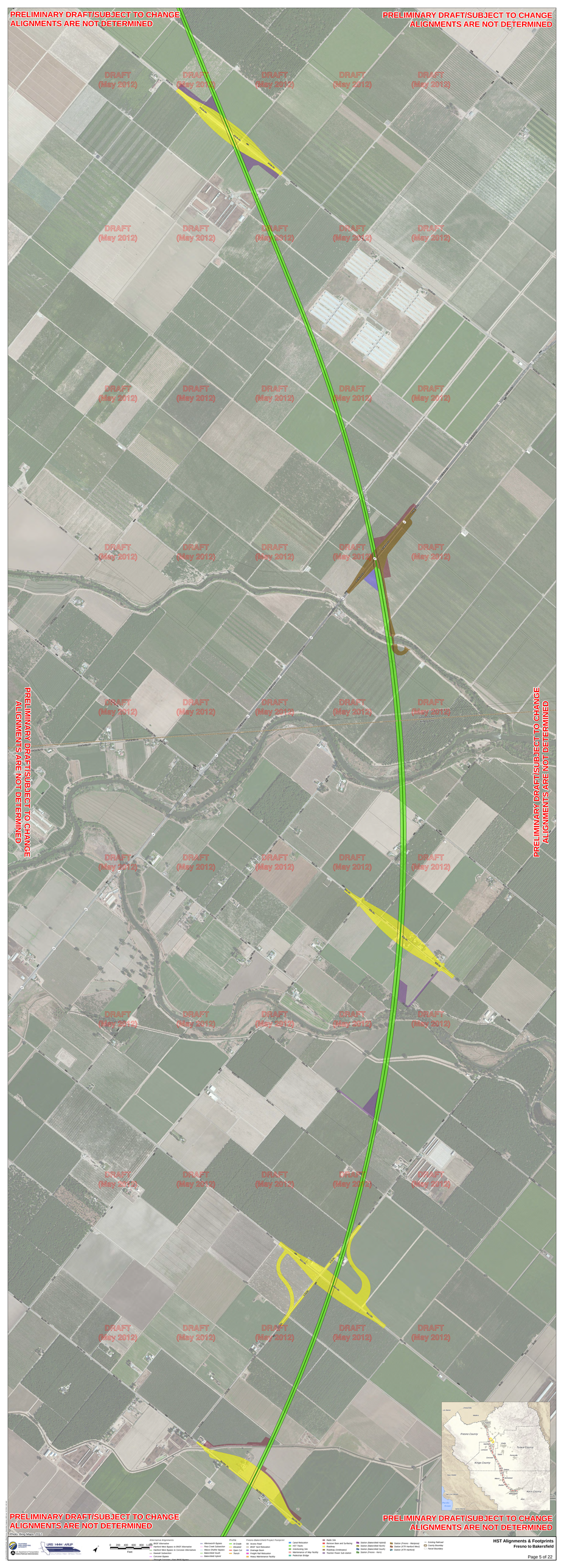
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Yard Relocation
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Parcel Boundary
Fresno County
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Kings County
Kern County
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Corcoran
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Shafter
Bakersfield
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Arizona
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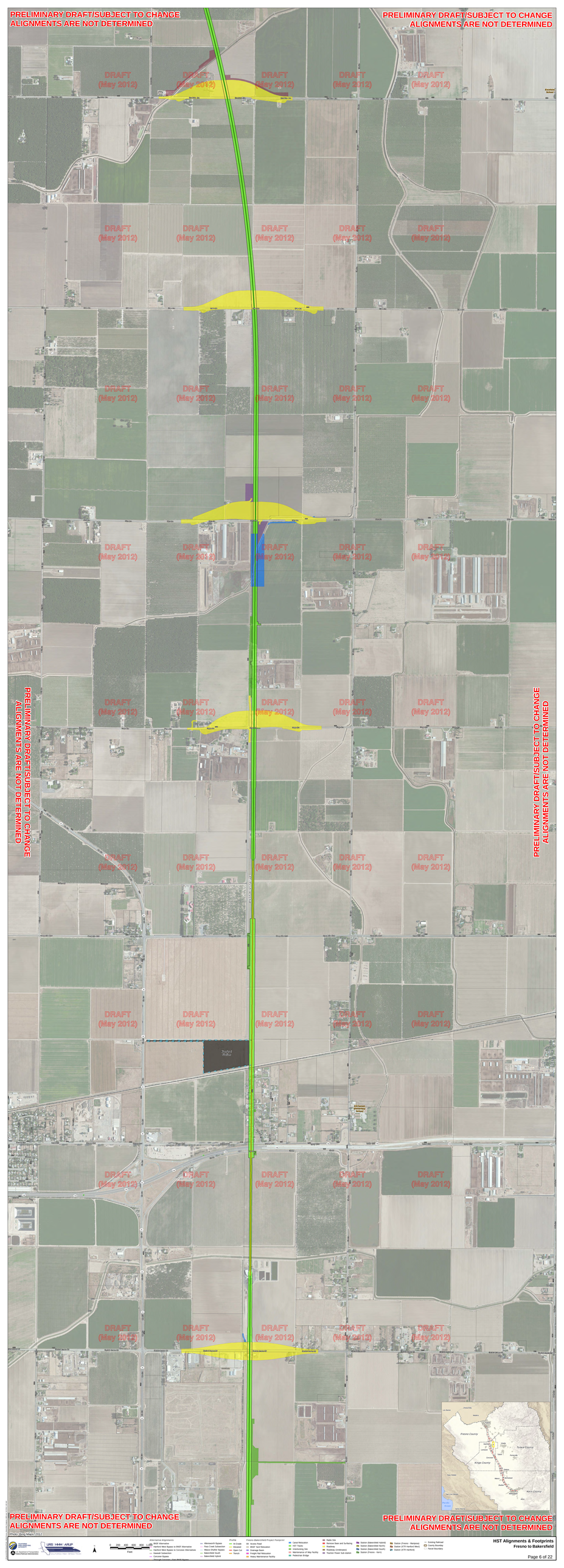
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Hanford West Bypass to Corcoran Alternative
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Allensworth Subsection
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Open Cut
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Yard Relocation
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Station (Bakersfield South)
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Station (Fresno - Wasco)
Station (Hanford)
Station (HTF Hanford)
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Parcel Boundary
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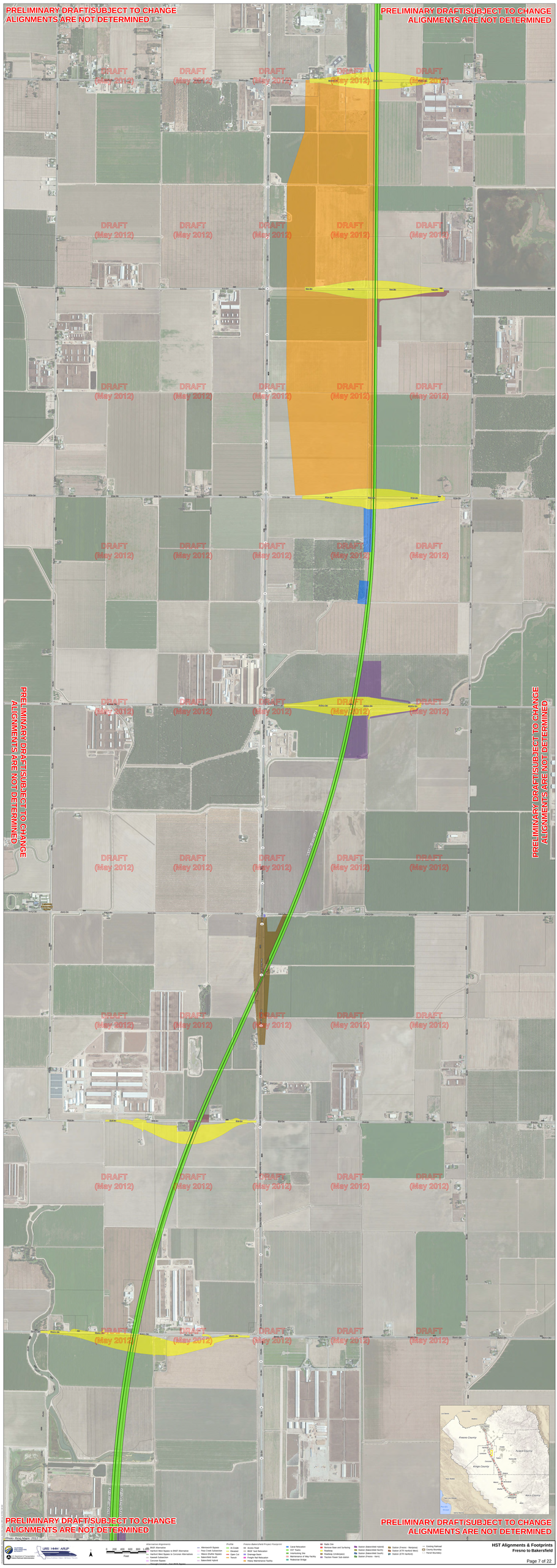
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Hanford West Bypass to Corcoran Alternative
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Allensworth Subsection
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Station (Bakersfield South)
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Station (Fresno - Madera)
Station (HTF-Hanford)
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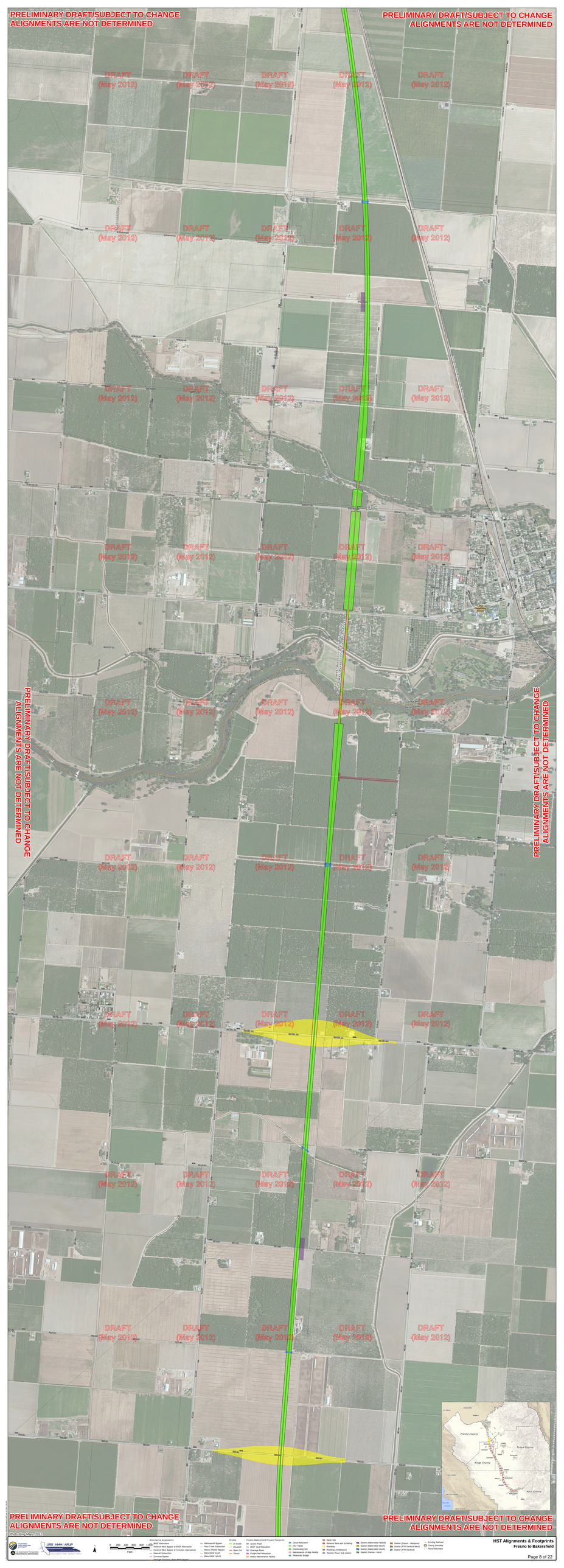
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Madera
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San Joaquin
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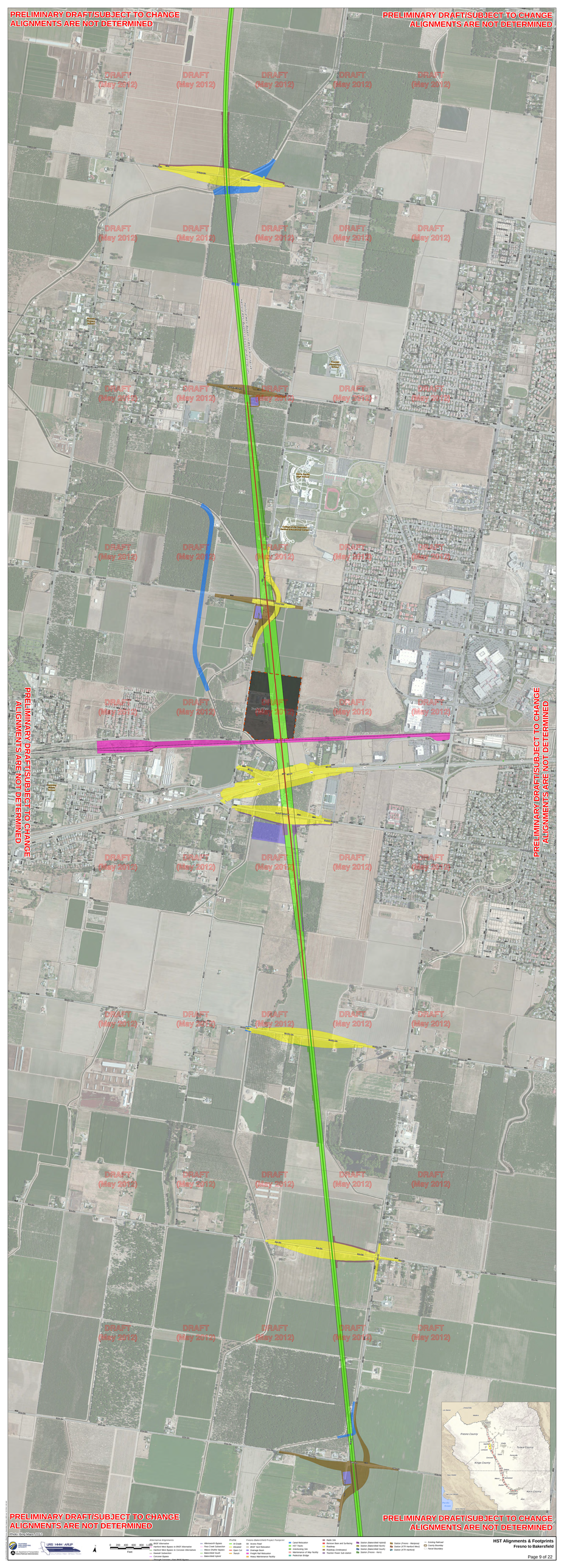
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Elevated Structure (Viaduct) Options
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Wasco
Shafter
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Tipton
Porterville
Exeter
Lindsay
Strathmore
Woodlake
Orosi
Kingsburg
Selma
Laton
Riverdot
Kerman
Huron
Coalinga
Avenal
Taft
Maricopa
Buttonwillow
Kern River
Kaweah River
Tule River
Kings River
San Joaquin River
Fresno Slough
Lake Kaweah
Pine Flat Lake
Tulare Lake
Kern Lake
Lost Hills
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Corcoran Bypass
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Fresno Station Area
Kings/Tulare Regional Station Area
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Corcoran Station Area
Shafter Station Area
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Bakersfield Station
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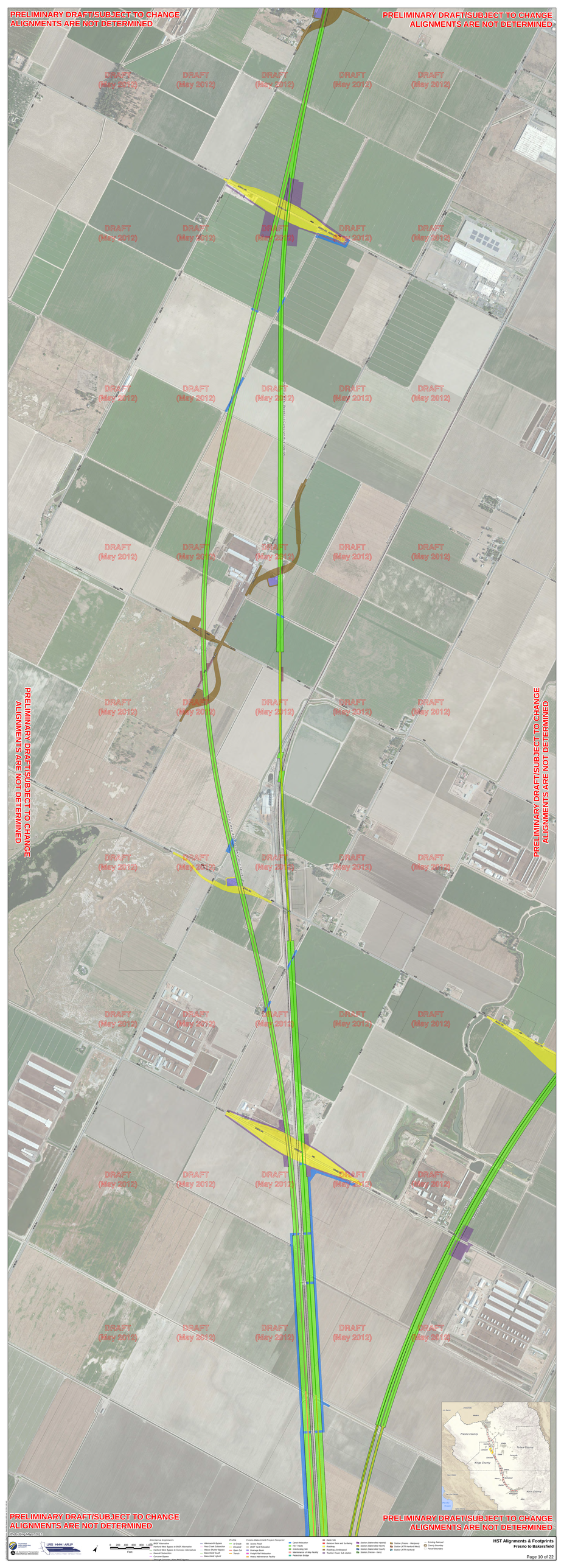
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Lemoore
Fresno
Selma
Kingsburg
Reedley
Dinuba
Sanger
Parlier
Orange Cove
Exeter
Lindsay
Porterville
Delano
Wasco
Shafter
Bakersfield
Tehachapi
Mojave
Tejon Pass
Grapevine
Antelope Valley
Tehachapi Mountains
Sierra Nevada
Coast Ranges
Pacific Ocean
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Allensworth Bypass
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Wasco-Shafter Bypass
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Station (Bakersfield South)
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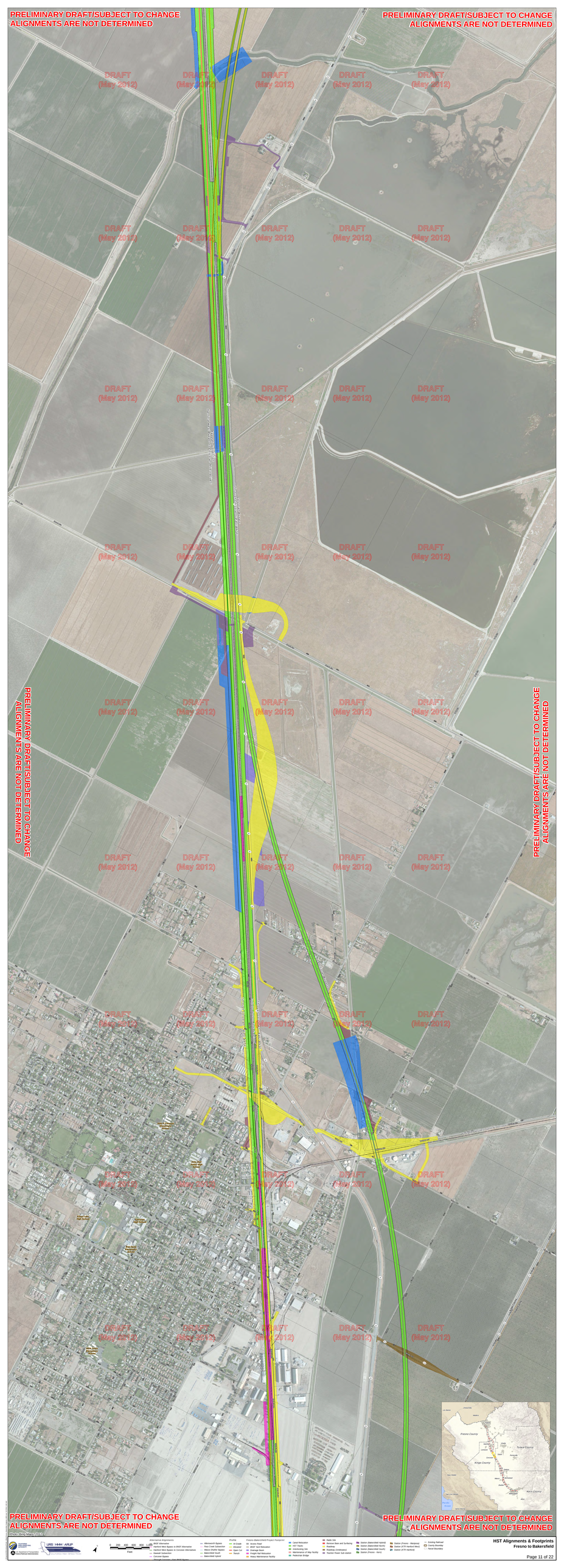
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Bakersfield
Lost Hills
Buttonwillow
Delano
Pixley
Tulare
Visalia
Exeter
Lemoore
Lemoore Naval Air Station
Allensworth
Alpaugh
Pixley National Wildlife Refuge
Kern National Wildlife Refuge
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Kings River
San Joaquin River
Fresno Slough
Mendota Wildlife Area
Mendota Pool
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Tulare Bypass
Kern Bypass
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Madera Canal
Delta-Mendota Canal
Cross Valley Canal
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Mokelumne River
Stanislaus River
Tuolumne River
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Fresno River
Kings River
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Orestimba Creek
Del Puerto Creek
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Kaweah River
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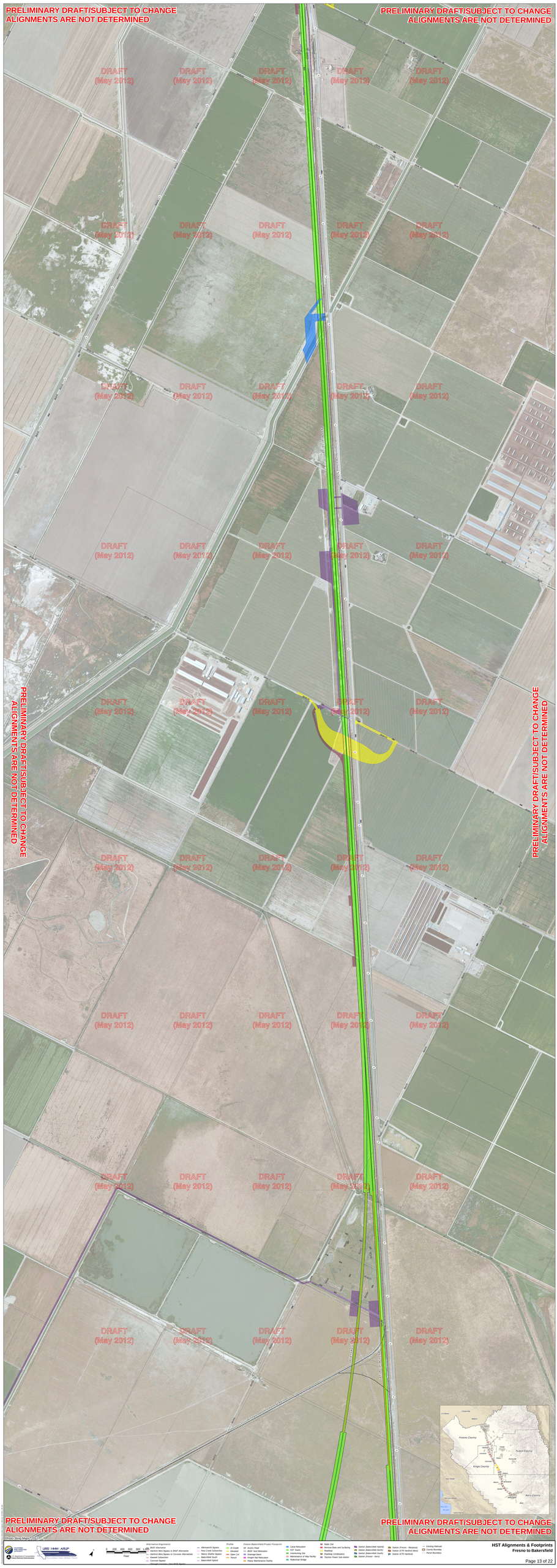
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Corcoran Bypass
Allensworth Bypass
Allensworth Subsection
Wasco-Shafter Bypass
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Station (Bakersfield South)
Station (Fresno - Kern)
Station (Fresno - Madera)
Station (Fresno Downtown)
Station (HTF-Hanford)
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Reedley
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Mojave
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Palmdale
Antelope Valley
Tehachapi Mountains
Sierra Nevada
San Joaquin Valley
Pacific Ocean
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Kettleman City
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Arvin
Lamont
Oildale
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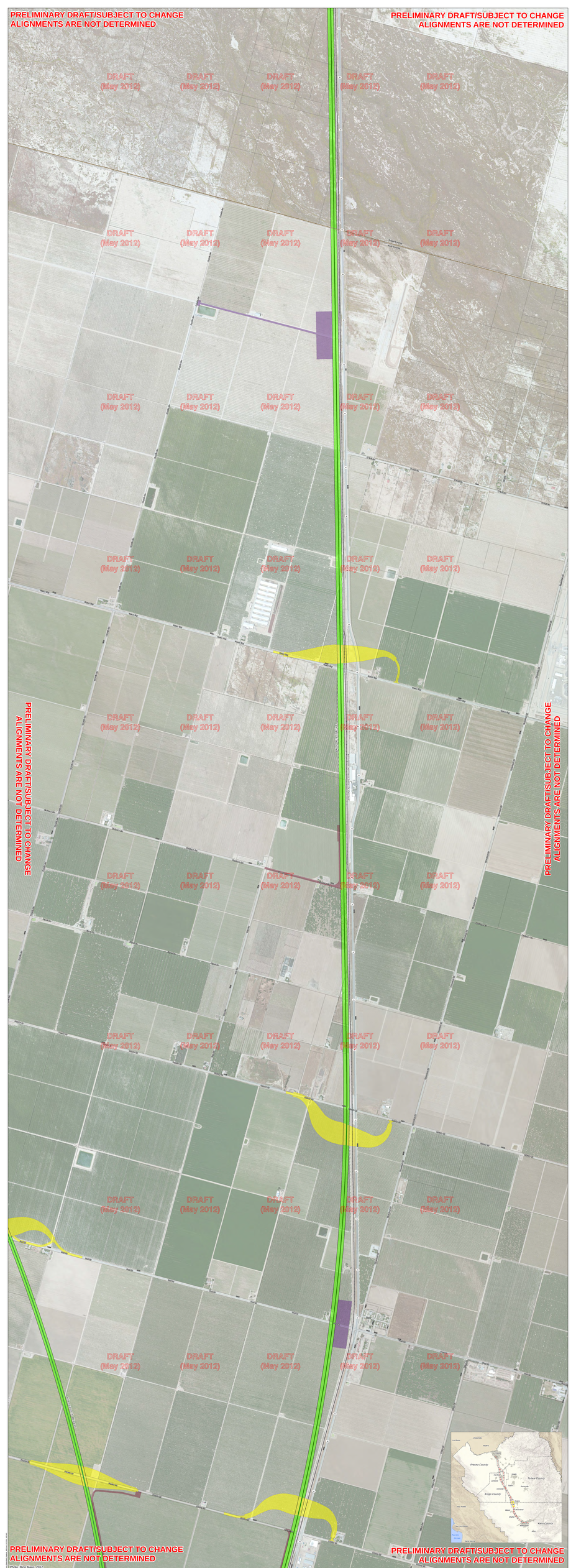
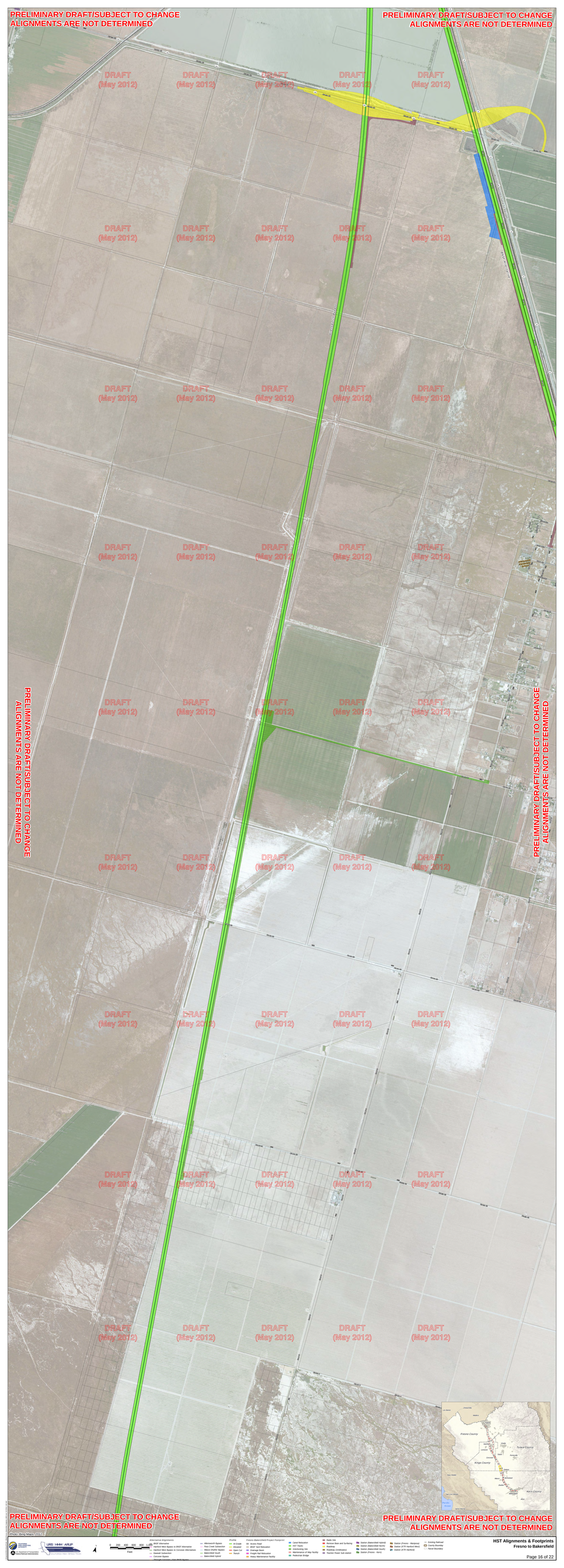
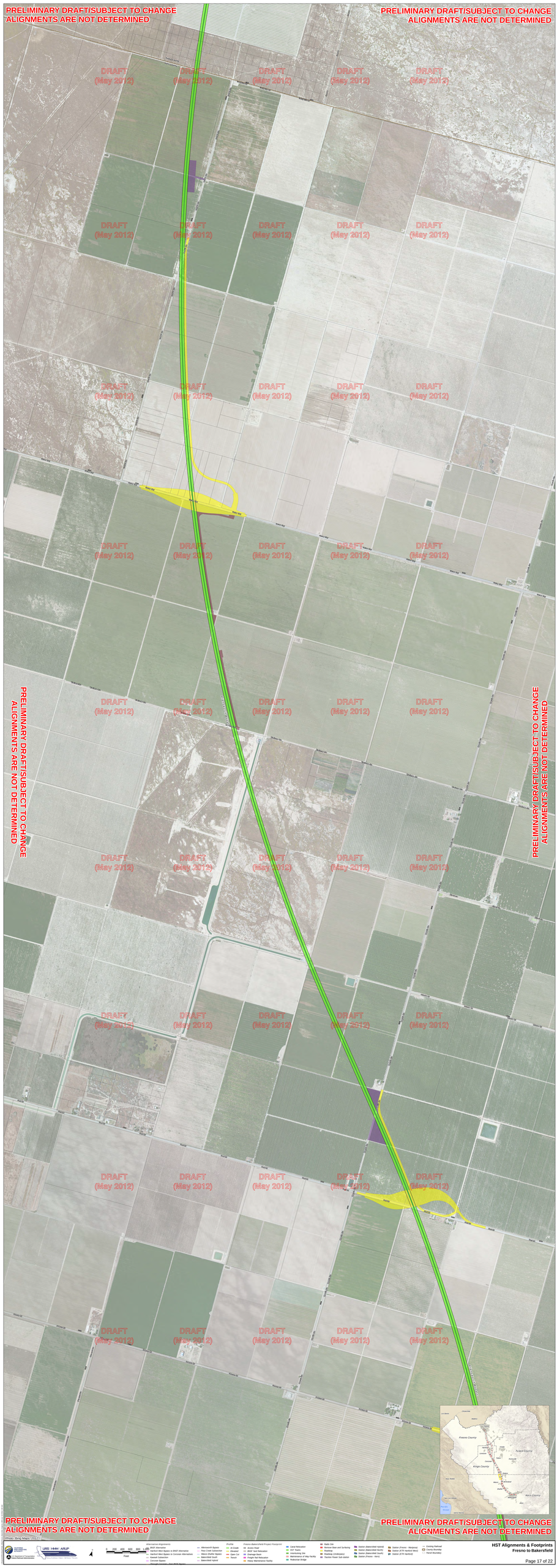
Trench
Fresno-Bakersfield Project Footprint
Access Road
Borrow Excavation
Drainage Basin
Freight Rail Relocation
Heavy Maintenance Facility
Yard Relocation
HST Tracks
Interlocking Site
Maintenance of Way Facility
Pedestrian Bridge
Radio Site
Remove Base and Surfacing
Roadway
Roadway (Underpass)
Traction Power Sub-station
Station (Bakersfield Hybrid)
Station (Bakersfield North)
Station (Bakersfield South)
Station (Fresno - Kern)
Station (Fresno - Madera)
Station (HMF-Hanford)
Existing Railroad
County Boundary
Parcel Boundary
Fresno County
Tulare County
Kings County
Kern County
Hanford
Corcoran
Wasco
Shafter
Bakersfield
Pacific Ocean
Feet
0
250
500
750
1,000
1,250
LRDS 1-9-94 / ARUP
Prelim. Eng. Maps 2012
HST Alignments & Footprints
Fresno to Bakersfield
Page 14 of 22



PRELIMINARY DRAFT/SUBJECT TO CHANGE
ALIGNMENTS ARE NOT DETERMINED

HST Alignments & Footprints
Fresno to Bakersfield


PRELIMINARY DRAFT/SUBJECT TO CHANGE
ALIGNMENTS ARE NOT DETERMINED
DRAFT
(May 2012)
Fresno County
Tulare County
Kings County
Kern County
Alternative Alignments
BNSF Alternative
Hanford West Bypass on BNSF Alternative
Hanford West Bypass to Corcoran Alternatives
Kaweah Subsection
Corcoran Bypass
Allensworth Bypass
Poplar Avenue Alignment Option
Wasco-Shafter Bypass
Bakersfield South
Bakersfield Hybrid
Profile
At Grade
Aerial
Open Cut
Trench
Fresno-Bakersfield Project Footprint
Access Road
Borrow Site Excavation
Drainage Basin
Freight Rail Relocation
Heavy Maintenance Facility
Land Relocation
HST Tracks
Interlocking Site
Maintenance of Way Facility
Pedestrian Bridge
Radio Site
Remove Base and Surfacing
Road
Roadway (Underpass)
Traction Power Sub-station
Station (Fresno - Mariposa)
Station (Bakersfield Central)
Station (Bakersfield North)
Station (Fresno - Kern)
Existing Railroad
County Boundary
Parcel Boundary
0 500 1,000 2,000 3,000 4,000
Feet
LRS I-5/HST ASLP
Photo: Bing Maps (2012)
HST Alignments & Footprints
Fresno to Bakersfield
Page 16 of 22


PRELIMINARY DRAFT/SUBJECT TO CHANGE
ALIGNMENTS ARE NOT DETERMINED
DRAFT
(May 2012)
Fresno County
Tulare County
Kings County
Kern County
Fresno
Hanford
Corcoran
Wasco
Shafter
Bakersfield
Alternative Alignments
BNSF Alternative
Hanford West Bypass to BNSF Alternative
Hanford West Bypass to Corcoran Alternatives
Kaweah Subsection
Corconer Bypass
Elevated Structure
Aboveground Bypass
Hanford West Bypass Section
Wasco-Shafter Bypass
Bakersfield South
Bakersfield Hybrid
Profile
At-Grade
Retained Cut
Open Cut
Trench
Fresno-Bakersfield Project Footprint
Access Road
Borrow Excavation
Drainage Basin
Freight Rail Relocation
Heavy Maintenance Facility
Yard Relocation
HST Tracks
Interlocking Site
Maintenance of Way Facility
Pedestrian Bridge
Radio Site
Remote Bain and Surfacing
Substation
Roadway (Underpass)
Traction Power Sub-station
Station (Fresno - Mariposa)
Station (Kings/Tulare Regional)
Station (HTF-Hanford)
Station (Bakersfield-Hybrid)
Station (Bakersfield-North)
Station (Bakersfield-South)
Station (Fresno - Kern)
Existing Highway
County Boundary
Parcel Boundary
0 500 1,000 2,000 3,000 4,000
Feet
LEGEND
HST Alignments & Footprints
Fresno to Bakersfield
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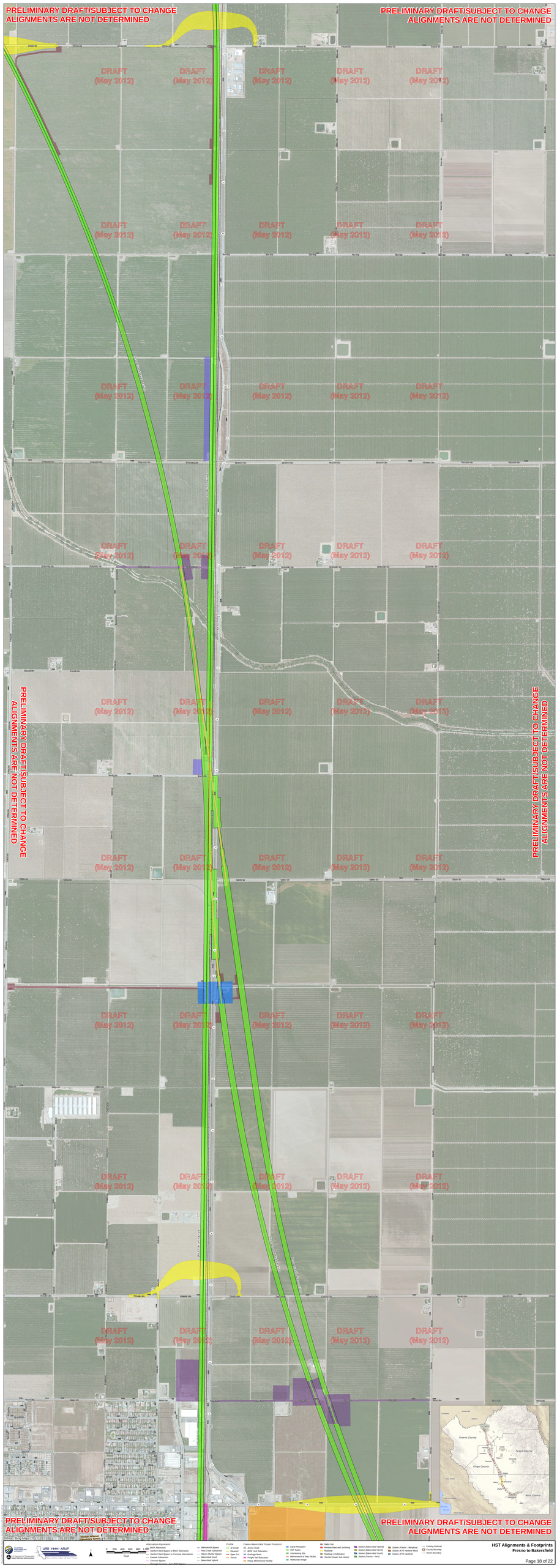
PRELIMINARY DRAFT/SUBJECT TO CHANGE
ALIGNMENTS ARE NOT DETERMINED
DRAFT
(May 2012)
Alignments
BNSF Alternative
Hanford West Bypass in BNSF Alternative
Hanford West Bypass in Corcoran Alternative
Kaweah Subsection
Corcoran Bypass
Allensworth Bypass
Allensworth Subsection
Wasco-Shafter Bypass
Bakersfield South
Bakersfield Hybrid
Profile
At-Grade
Elevated
Open Cut
Trench
Fresno-Bakersfield Project Footprint
Access Road
Borrow Excavation
Drainage Basin
Freight Rail Relocation
Heavy Maintenance Facility
Yard/Relocation
HST Tracks
Interlocking Site
Maintenance of Way Facility
Pedestrian Bridge
Radio Site
Remote Bed and Turnout
Road Closure
Roadway (Underpass)
Traction Power Sub-station
Station (Fresno - Mariposa)
Station (Bakersfield North)
Station (Bakersfield South)
Station (Fresno - Kern)
Existing Railroad
County Boundary
Parcel Boundary
Fresno County
Tulare County
Kings County
Kern County
Hanford
Corcoran
Wasco
Shafter
Bakersfield
Pacific Ocean
Nevada
Arizona
LRIS 1-844 ASLP
Feet
HST Alignments & Footprints
Fresno to Bakersfield
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PRELIMINARY DRAFT/SUBJECT TO CHANGE
ALIGNMENTS ARE NOT DETERMINED
DRAFT
(May 2012)
Fresno County
Tulare County
Kings County
Kern County
Alternative Alignments
BNSF Alternative
Hanford West Bypass to BNSF Alternative
Hanford West Bypass to Corcoran Alternatives
Kaweah Subsection
Corcoran Bypass
Allensworth Bypass
Allensworth Subsection
Wasco-Shafter Bypass
Bakersfield South
Bakersfield Hybrid
Profile
At Grade
Retained Cut
Open Cut
Trench
Fresno-Bakersfield Project Footprint
Access Road
Borrow Site Relocation
Drainage Basin
Freight Rail Relocation
Heavy Maintenance Facility
Grade Separation
HST Tracks
Interlocking Site
Maintenance of Way Facility
Pedestrian Bridge
Radio Site
Remove Main and Turnback
Roadway (Underpass)
Roadway (Underpass)
Traction Power Sub-station
Station (Elevated-Hanford)
Station (Elevated-North)
Station (Elevated-South)
Station (Fresno - Elevated)
Station (Fresno - Mariposa)
Station (HTF-Hanford)
Existing Highway
County Boundary
Parcel Boundary
Feet
LRS: I-5/44 ASLP
Fresno, Kings, Kern, Tulare Counties
Prop. Beg. Mile(s): 220.2
HST Alignments & Footprints
Fresno to Bakersfield
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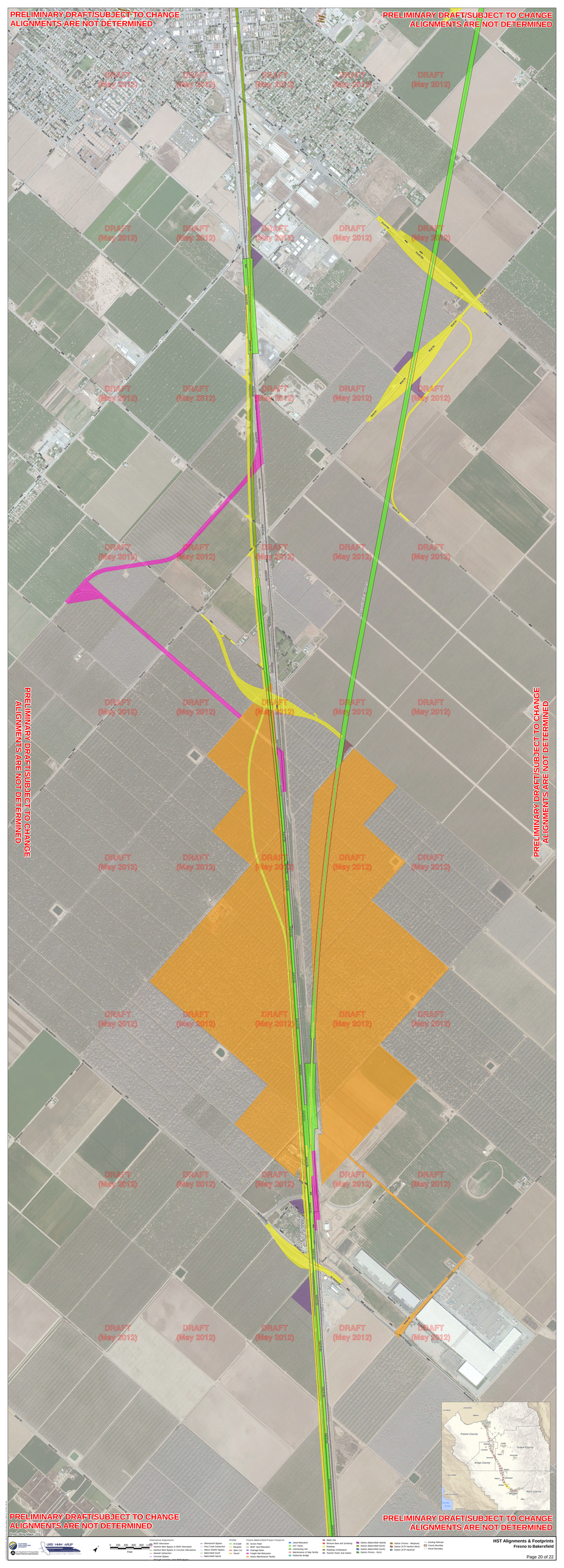
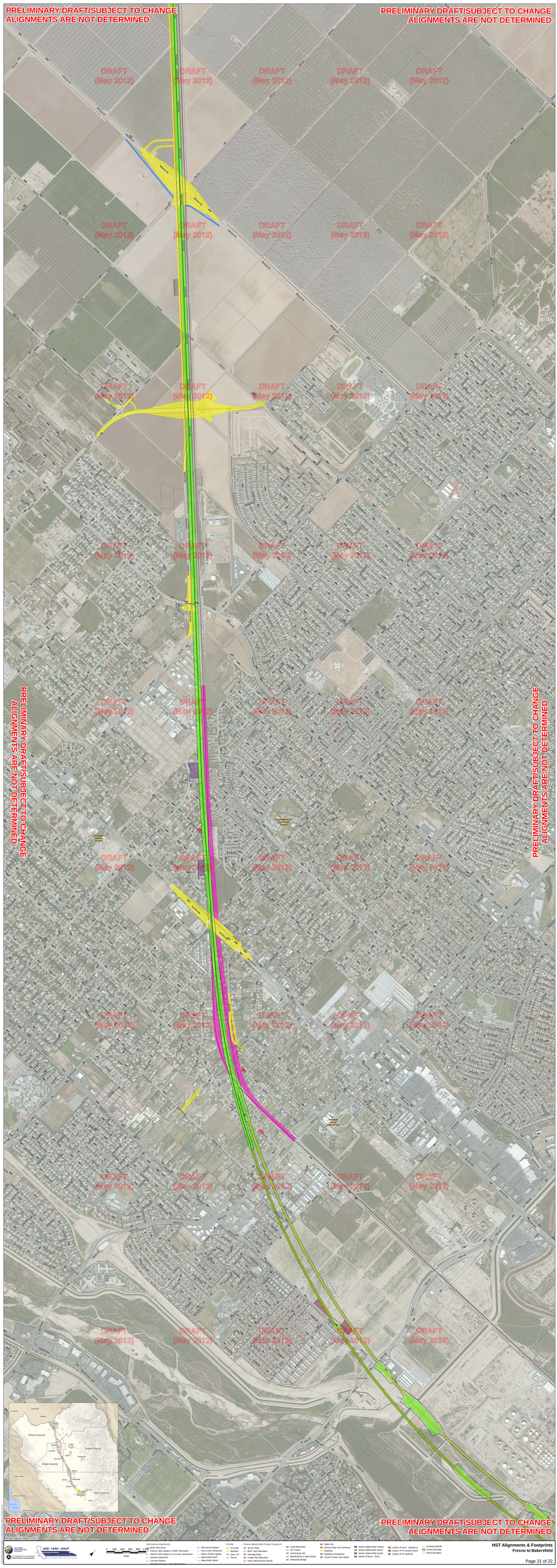

PRELIMINARY DRAFT/SUBJECT TO CHANGE
ALIGNMENTS ARE NOT DETERMINED
DRAFT
(May 2012)
Alternative Alignments
BNSF Alternative
Hanford West Bypass on BNSF Alternative
Hanford West Bypass on Corcoran Alternatives
Kaweah Subsection
Corcoran Bypass
Allensworth Bypass
Poplar Avenue Realignment
Wasco-Shafter Bypass
Bakersfield South
Bakersfield Hybrid
Profile
At-Grade
Elevated
Open Cut
Trench
Fresno-Bakersfield Project Footprint
Access Road
Borrow / Excavation
Drainage Basin
Freight Rail Relocation
Heavy Maintenance Facility
Land Relocation
HST Tracks
Interlocking Site
Maintenance of Way Facility
Pedestrian Bridge
Radio Site
Remote Bed and Surfacing
Roadway
Roadway (Underpass)
Traction Power Sub-station
Station (Bakersfield Hybrid)
Station (Bakersfield North)
Station (Bakersfield South)
Station (Fresno - Kern)
Station (Fresno - Madera)
Station (Fresno Hybrid)
Station (HTF Hanford)
Existing Railroad
County Boundary
Parcel Boundary
Fresno County
Tulare County
Kings County
Kern County
Hanford
Corcoran
Wasco
Shafter
Bakersfield
Visalia
Tulare
Delano
Lemoore
Fresno
Chowchilla
Madera
Selma
Kingsburg
Reedley
Dinuba
Orosa
Exeter
Lindsay
Porterville
Tehachapi
Arvin
Lamont
Edison
Oildale
Kern River
Kern River Parkway
Friant-Kern Canal
Friant-Kern Canal
Kaweah River
Kings River
Kings River
Cross Creek
Tule River
Deer Creek
Poso Creek
Poso Creek
Kern River
Kern River
Kern River


PRELIMINARY DRAFT/SUBJECT TO CHANGE
ALIGNMENTS ARE NOT DETERMINED
DRAFT
(May 2012)
Fresno County
Tulare County
Kings County
Kern County
Alternative Alignments
BNSF Alternative
Hanford West Bypass on BNSF Alternative
Hanford West Bypass to Corcoran Alternatives
Kaweah Subsection
Corcoran Bypass
Allensworth Bypass
Allensworth Subsection
Historic Shafter Bypass
Bakersfield South
Bakersfield Hybrid
Profile
At-Grade
Aerial
Open Cut
Trench
Fresno-Bakersfield Project Footprint
Access Road
Borrow Excavation
Drainage Basin
Freight Rail Relocation
Heavy Maintenance Facility
Land Relocation
HST Tracks
Interlocking Site
Maintenance of Way Facility
Pedestrian Bridge
Radio Site
Remove Base and Surfacing
Roadway
Roadway (Underpass)
Traction Power Sub-station
Station (Bakersfield Hybrid)
Station (Bakersfield North)
Station (Bakersfield South)
Station (Fresno - Kerns)
Station (Fresno - Mariposa)
Station (Fresno Hybrid)
Station (HTF-Hanford)
Existing Highway
County Boundary
Parcel Boundary
Feet
0 500 1,000 2,000 3,000 4,000
LRS I-5/HX/ JWLP
Project Footprint + Local Traffic Analysis
HST Alignments & Footprints
Fresno to Bakersfield
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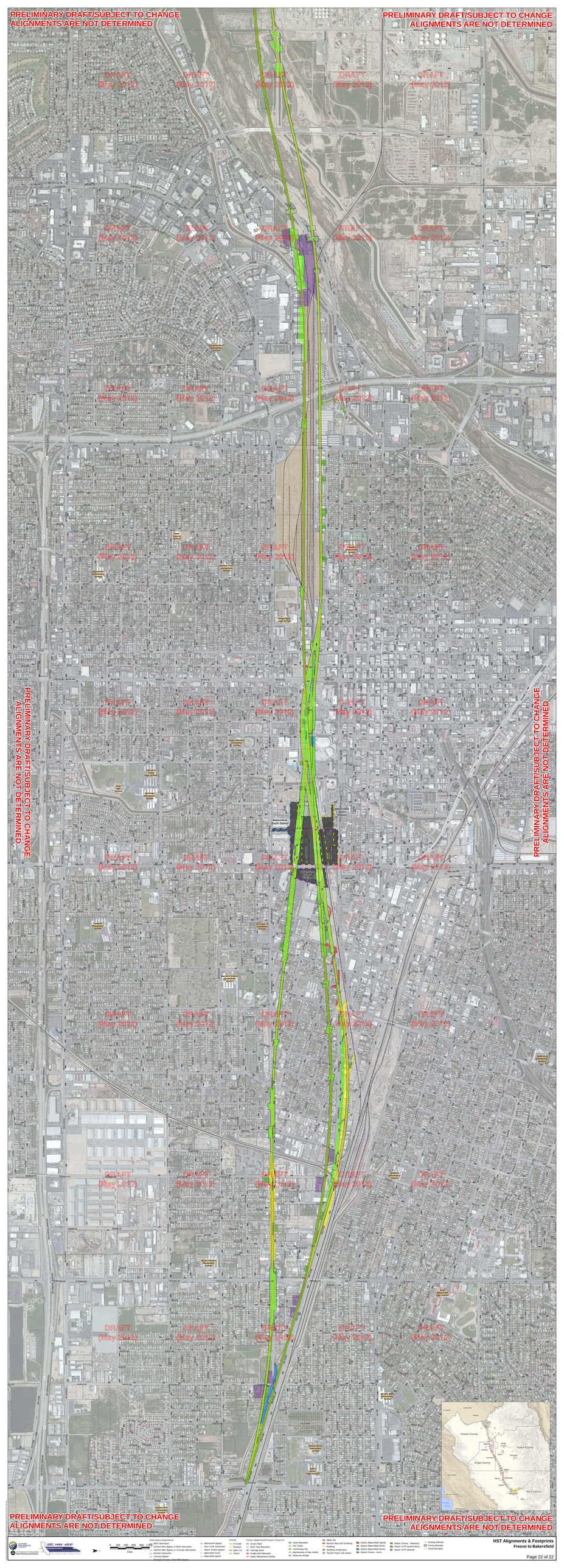
PRELIMINARY DRAFT/SUBJECT TO CHANGE
ALIGNMENTS ARE NOT DETERMINED
DRAFT
(May 2012)
Bakersfield South Station
Bakersfield Downtown Station
Alternative Alignments
BNSF Alternative
Hybrid: Hwy 99 Bypass to BNSF Alternative
Hybrid: Hwy 99 Bypass to Corcoran Alternatives
Kaweah Subsection
Corcoran Bypass
Allensworth Bypass
Allensworth Subsection
Wasco-Shafter Bypass
Bakersfield South
Bakersfield Hybrid
Profile
At-Grade
Aerial
Open Cut
Trench
Fresno-Bakersfield Project Footprint
Access Road
Borrow Area Excavation
Drainage Basin
Freight Rail Relocation
Heavy Maintenance Facility
Grid Intersection
HST Tracks
Interlocking Site
Maintenance of Way Facility
Pedestrian Bridge
Public Use
Remote Bed and Surfacing
Road
Roadway (Underpass)
Traction Power Sub-station
Station (Fresno / Madera)
Station (Kings / Tulare)
Station (Kern)
Station (Bakersfield Hybrid)
Station (Bakersfield North)
Station (Bakersfield South)
Station (Fresno - Kern)
Existing Railroad
County Boundary
Parcel Boundary
Fresno County
Tulare County
Kings County
Kern County
Fresno
Madera
Chowchilla
Selma
Kingsburg
Hanford
Corcoran
Lemoore
Visalia
Tulare
Delano
Wasco
Shafter
Bakersfield
Arvin
Lamont
Pixley
Earlimart
Porterville
Lindsay
Exeter
Farmersville
Dinuba
Reedley
Sanger
Kerman
Huron
Coalinga
Avenal
San Joaquin River
Kings River
Tulare Lake Bed
Pacific Ocean
Sierra Nevada
Coast Ranges
Central Valley
LRS / HHM / ADJP
Revised May Map 2012
Feet
HST Alignments & Footprints
Fresno to Bakersfield
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