Task 2.3.1R

Bakersfield-to-Los Angeles High-Speed Train Alignments/Stations Screening Evaluation

Volume 2
Appendices

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August 21,2001

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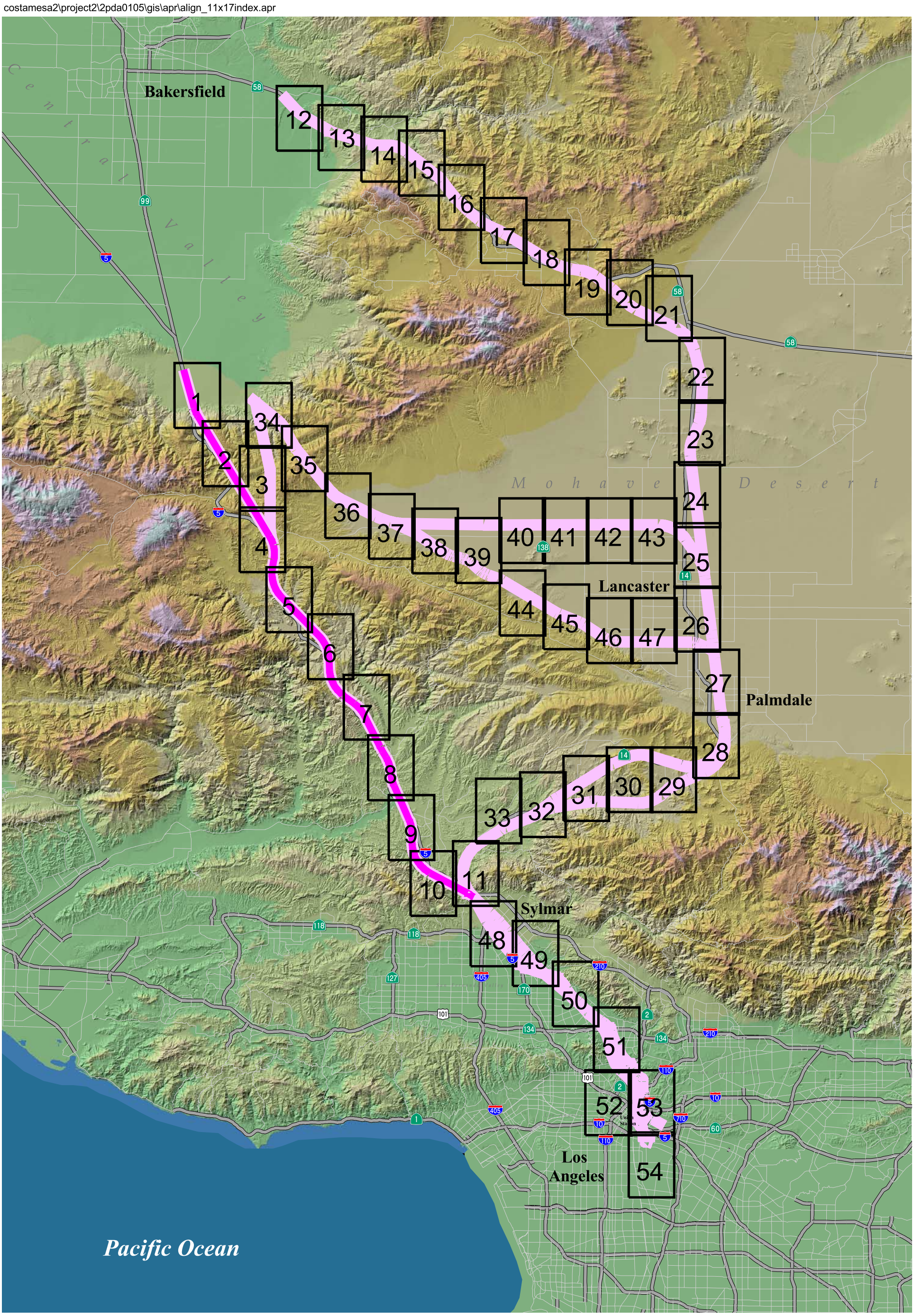

Source: USGS 30 meter DEM mosaic; USGS 1:100,000 DLGs

July 2001

California High-Speed Train Program EIR/EIS

4 0 4 8 Miles

4 0 4 8 Kilometers

Scale = 1: 500,000

Legend

Highlighted Alignment Option

Alignment Options

Orthophoto Sheet

Orthophoto Sheets:

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11

Orthophoto Sheet Index

Bakersfield to Sylmar Segment

Alignment Option 1

I-5 Alignment

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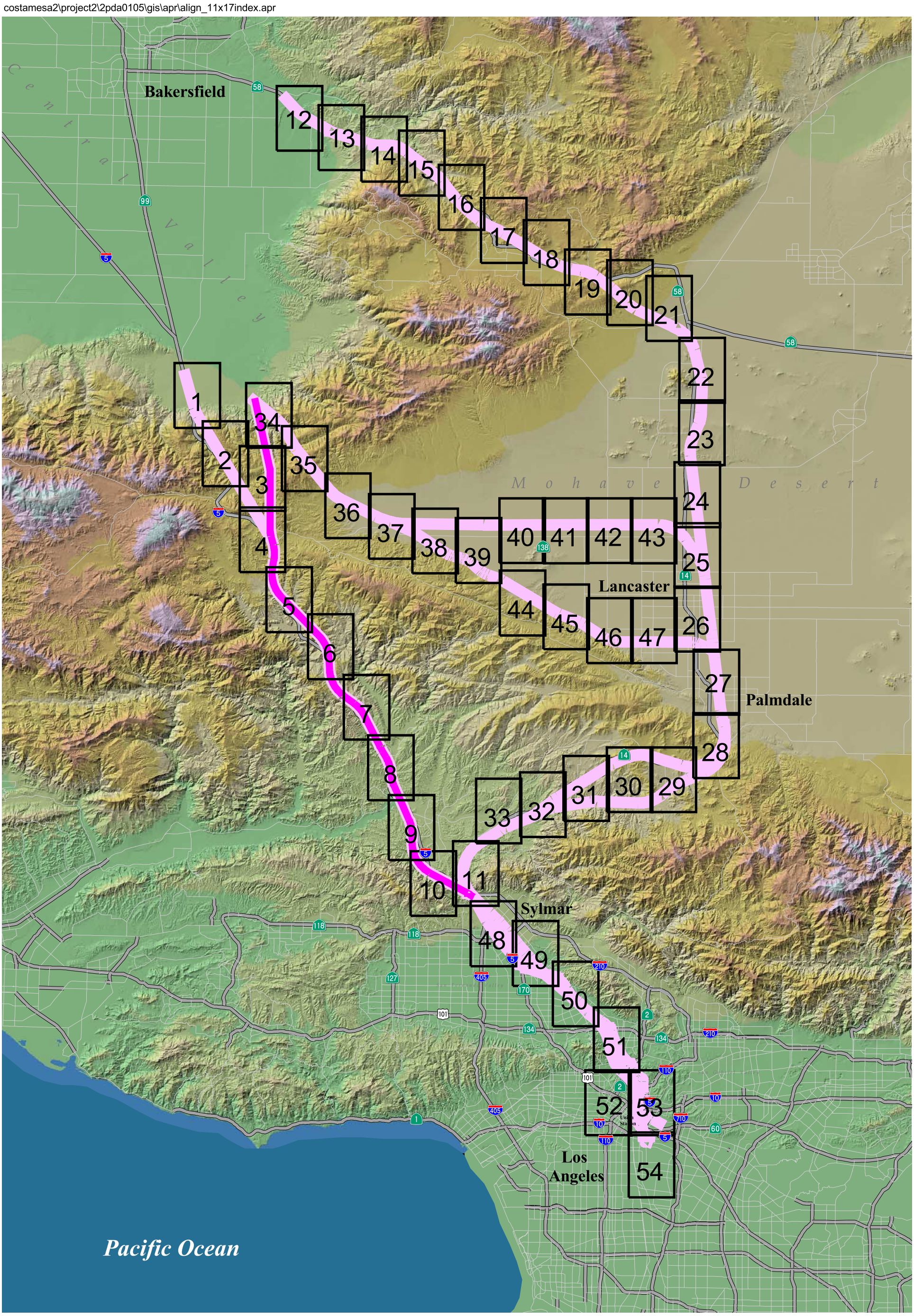

Source: USGS 30 meter DEM mosaic; USGS 1:100,000 DLGs

July 2001

California High-Speed Train Program EIR/EIS

4 0 4 8 Miles

4 0 4 8 Kilometers

Scale = 1: 500,000

Legend

Highlighted Alignment Option

Alignment Options

Orthophoto Sheet

Orthophoto Sheets:

34, 3, 4, 5, 6, 7, 8, 9, 10, 11

Orthophoto Sheet Index

Bakersfield to Sylmar Segment

Alignment Option 1A

I-5 via Comanche Point

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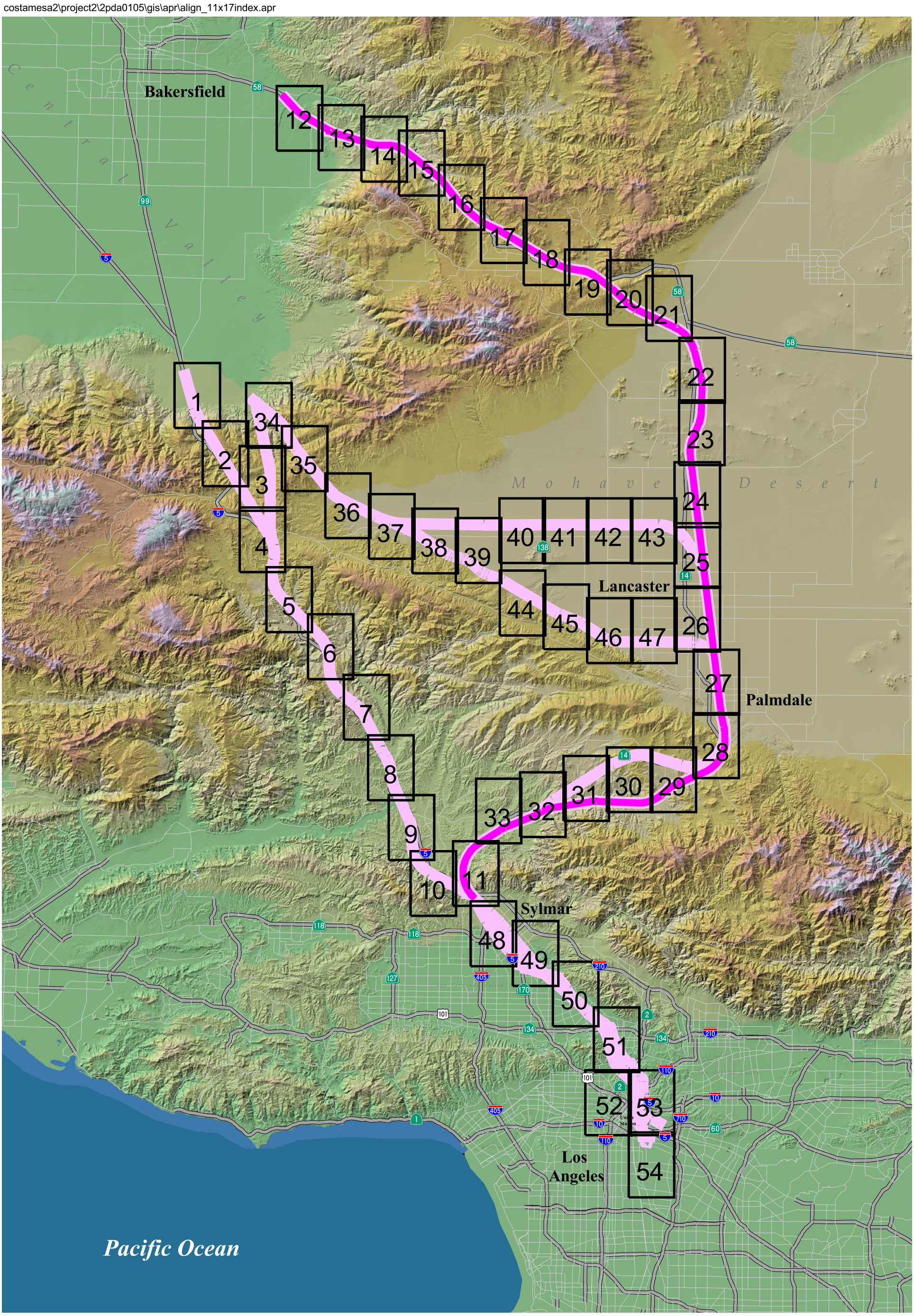

Source: USGS 30 meter DEM mosaic; USGS 1:100,000 DLGs

July 2001

California High-Speed Train Program EIR/EIS

4 0 4 8 Miles

4 0 4 8 Kilometers

Scale = 1: 500,000

Legend

Highlighted Alignment Option

Alignment Options

Orthophoto Sheet

Orthophoto Sheets:

12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 31, 32, 33, 11

Orthophoto Sheet Index

Bakersfield to Sylmar Segment

Alignment Option 2

Soledad Canyon/SR-58

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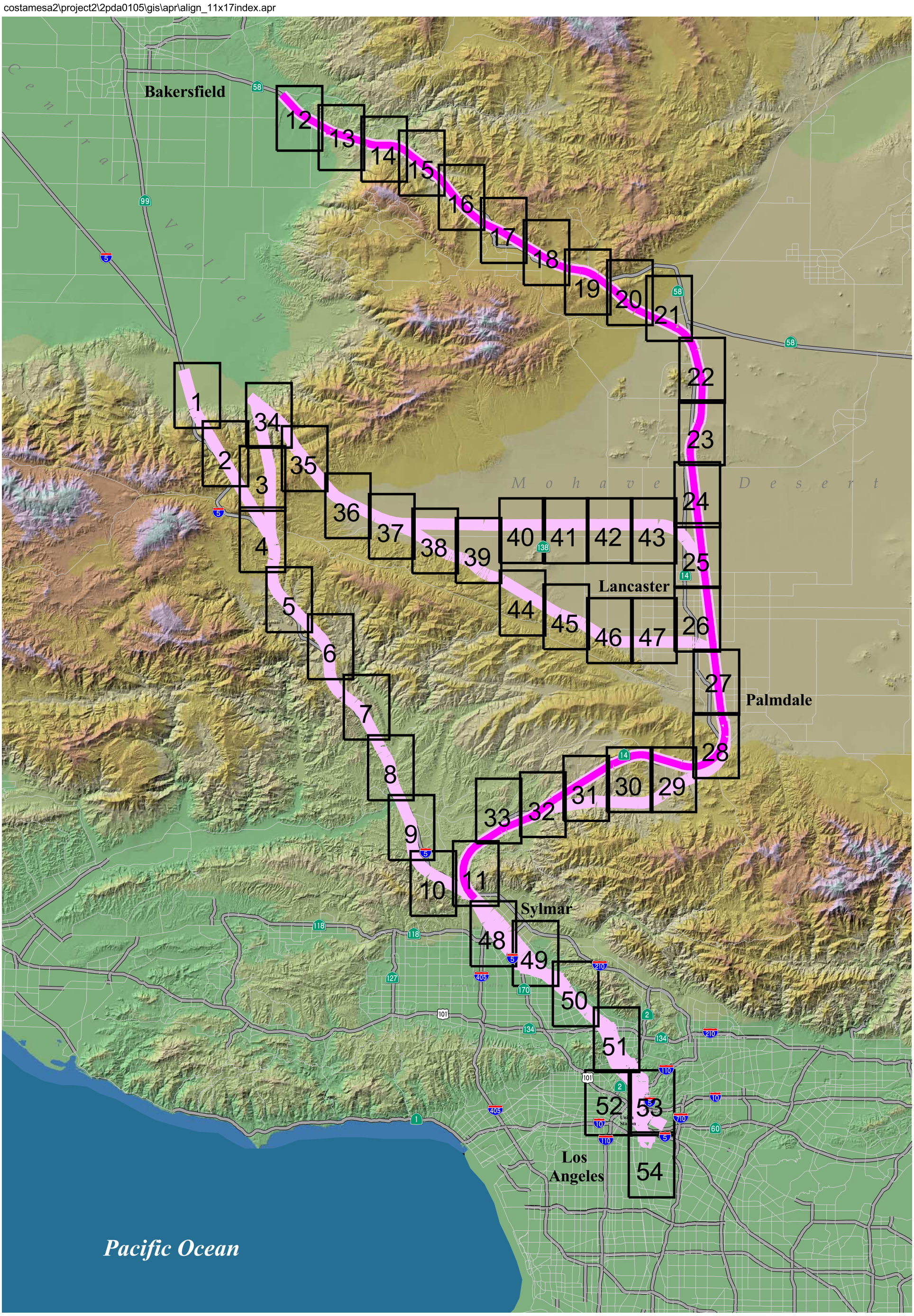

Source: USGS 30 meter DEM mosaic; USGS 1:100,000 DLGs

July 2001

California High-Speed Train Program EIR/EIS

4 0 4 8 Miles

4 0 4 8 Kilometers

Scale = 1: 500,000

Legend

Highlighted Alignment Option

Alignment Options

Orthophoto Sheet

Orthophoto Sheets:

12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 31, 32, 33, 11

Orthophoto Sheet Index

Bakersfield to Sylmar Segment

Alignment Option 2A

SR-14/SR-58

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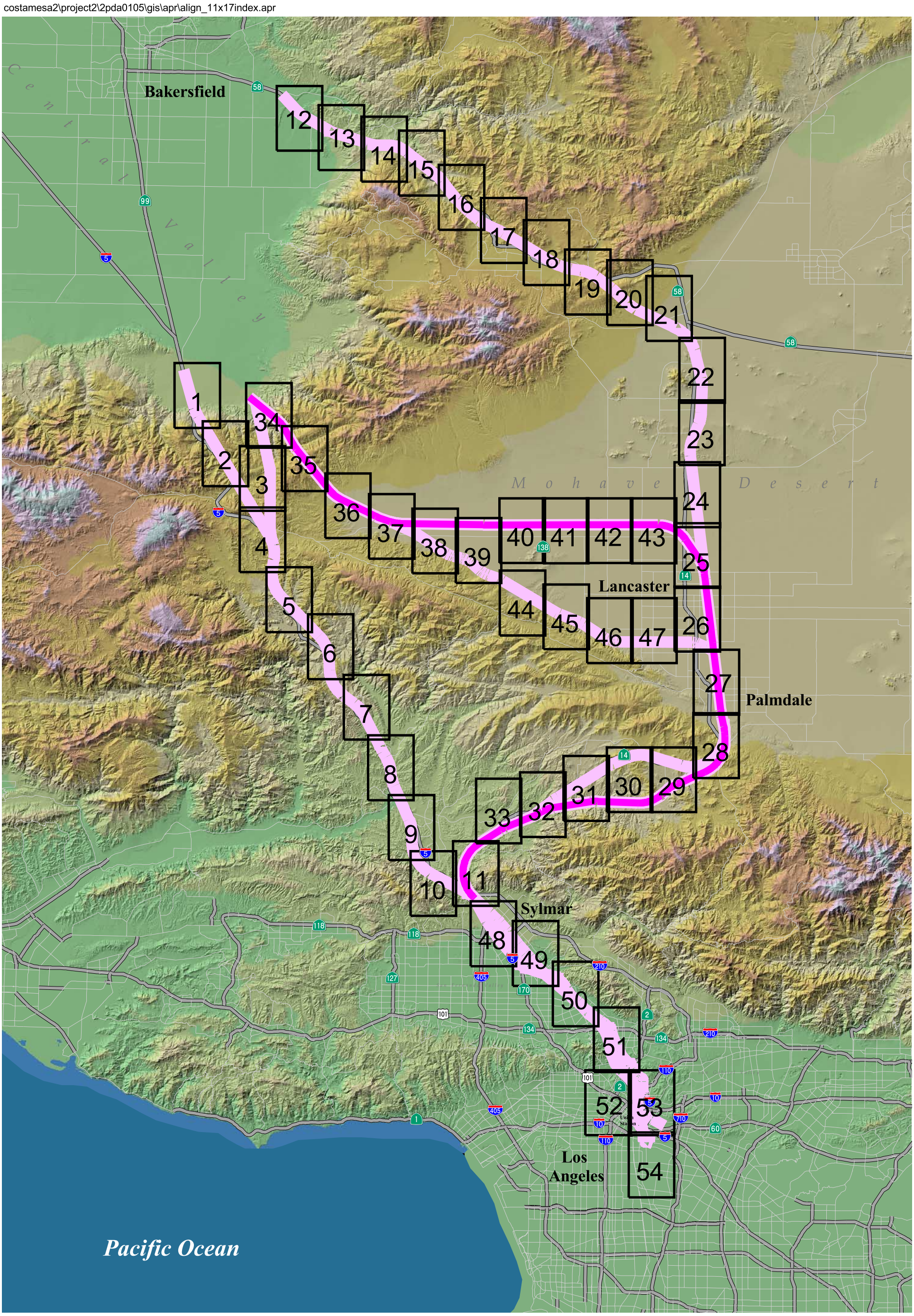

Source: USGS 30 meter DEM mosaic; USGS 1:100,000 DLGs

July 2001

California High-Speed Train Program EIR/EIS

4 0 4 8 Miles

4 0 4 8 Kilometers

Scale = 1: 500,000

Legend

Highlighted Alignment Option

Alignment Options

Orthophoto Sheet

Orthophoto Sheets:

34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 25, 26, 27, 28, 29, 30, 31, 32, 33, 11

Orthophoto Sheet Index

Bakersfield to Sylmar Segment

Alignment Option 3

Soledad Canyon/SR-138

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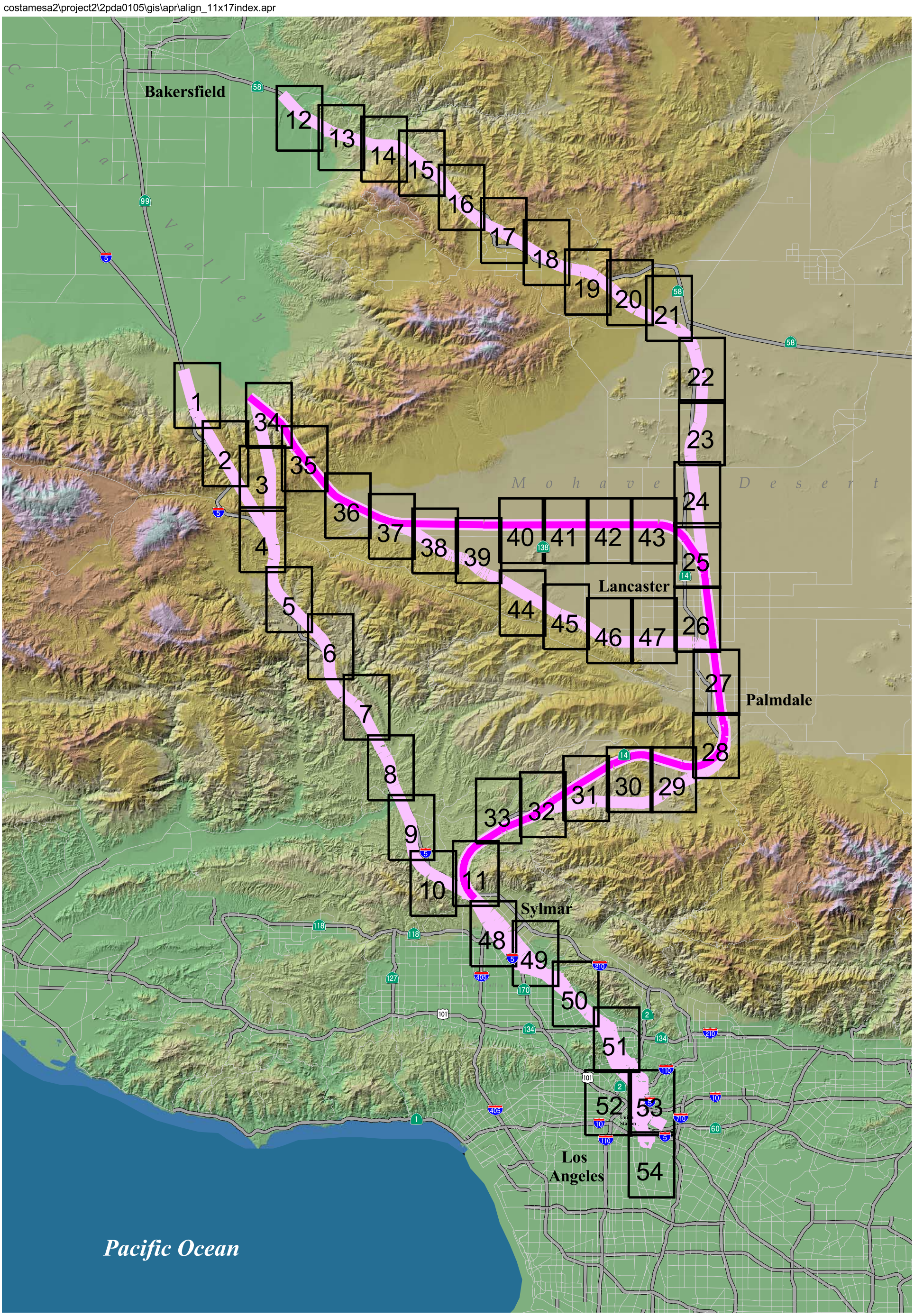

Source: USGS 30 meter DEM mosaic; USGS 1:100,000 DLGs

July 2001

California High-Speed Train Program EIR/EIS

4 0 4 8 Miles

4 0 4 8 Kilometers

Scale = 1: 500,000

Legend

Highlighted Alignment Option

Alignment Options

Orthophoto Sheet

Orthophoto Sheets:

34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 25, 26, 27, 28, 29, 30, 31, 32, 33, 11

Orthophoto Sheet Index

Bakersfield to Sylmar Segment

Alignment Option 3A

SR-14/SR-138

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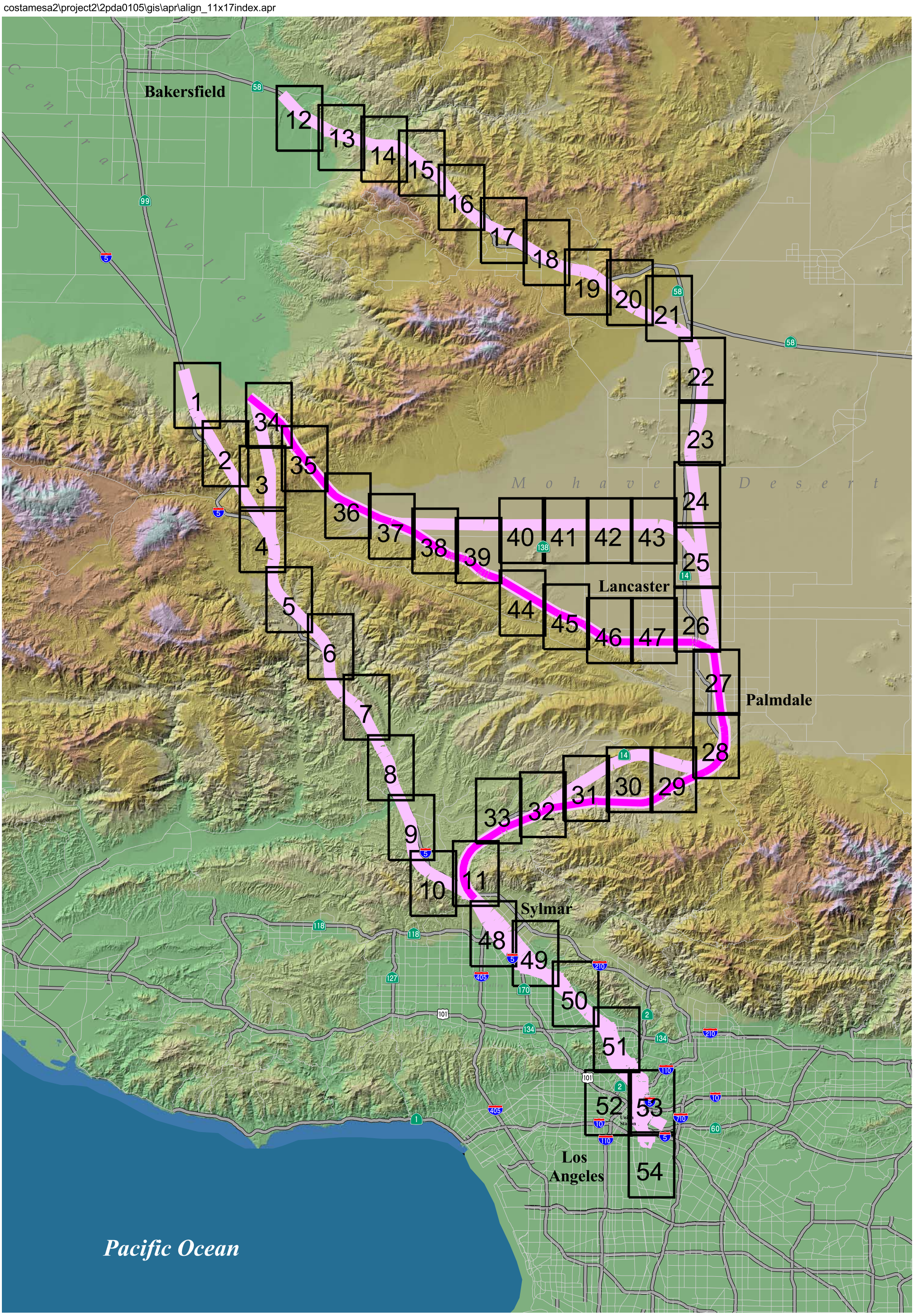

Source: USGS 30 meter DEM mosaic; USGS 1:100,000 DLGs

July 2001

California High-Speed Train Program EIR/EIS

4 0 4 8 Miles

4 0 4 8 Kilometers

Scale = 1: 500,000

Legend

Highlighted Alignment Option

Alignment Options

Orthophoto Sheet

Orthophoto Sheets:

34, 35, 36, 37, 38, 39, 44, 45, 46, 47, 26, 27, 28, 29, 30, 31, 32, 33, 11

Orthophoto Sheet Index

Bakersfield to Sylmar Segment

Alignment Option 4

Soledad Canyon/Aqueduct

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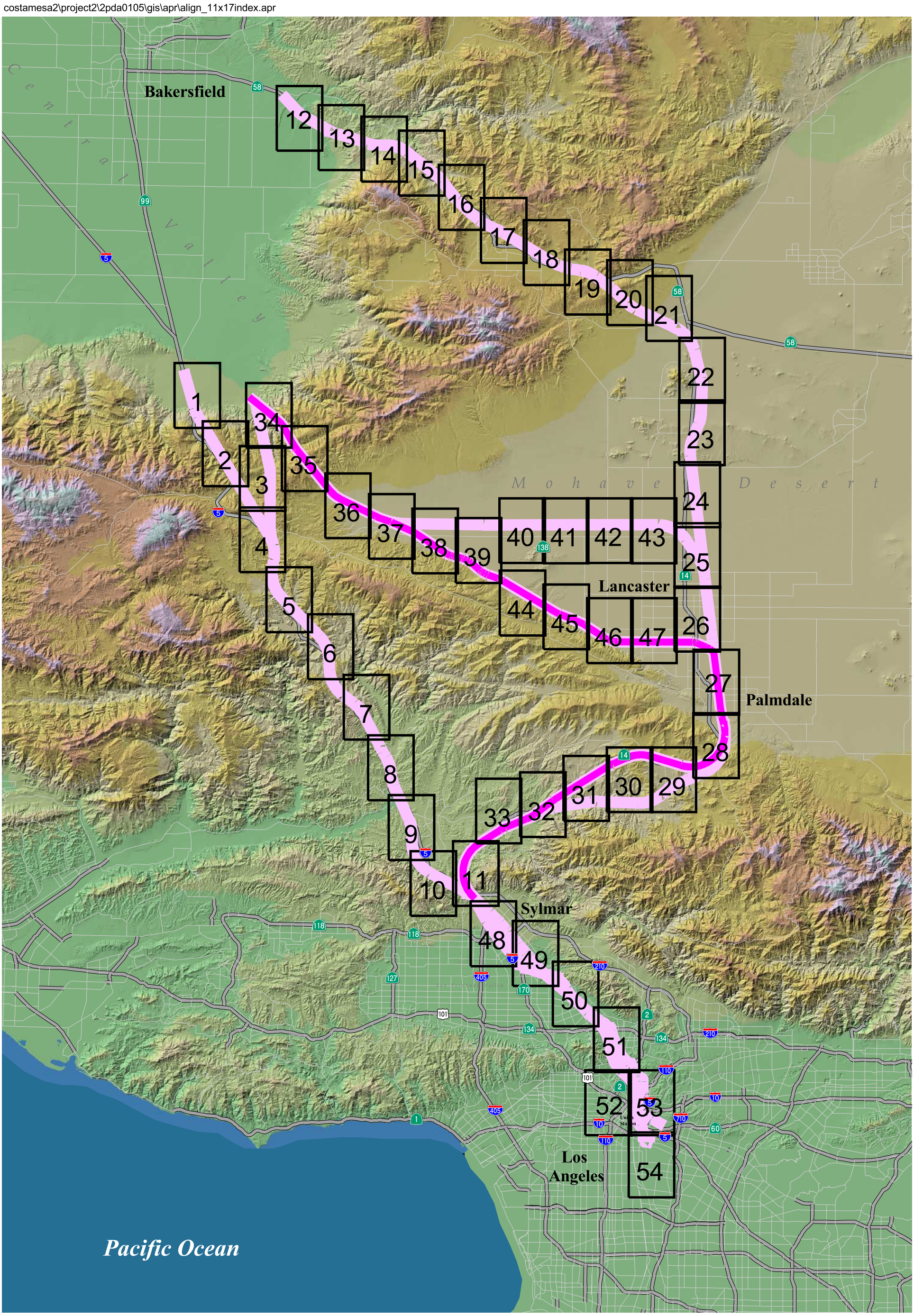

Source: USGS 30 meter DEM mosaic; USGS 1:100,000 DLGs

July 2001

California High-Speed Train Program EIR/EIS

4 0 4 8 Miles

4 0 4 8 Kilometers

Scale = 1: 500,000

Legend

Highlighted Alignment Option

Alignment Options

Orthophoto Sheet

Orthophoto Sheets:

34, 35, 36, 37, 38, 39, 44, 45, 46, 47, 26, 27, 28, 29, 30, 31, 32, 33, 11

Orthophoto Sheet Index

Bakersfield to Sylmar Segment

Alignment Option 4A

SR-14/Aqueduct

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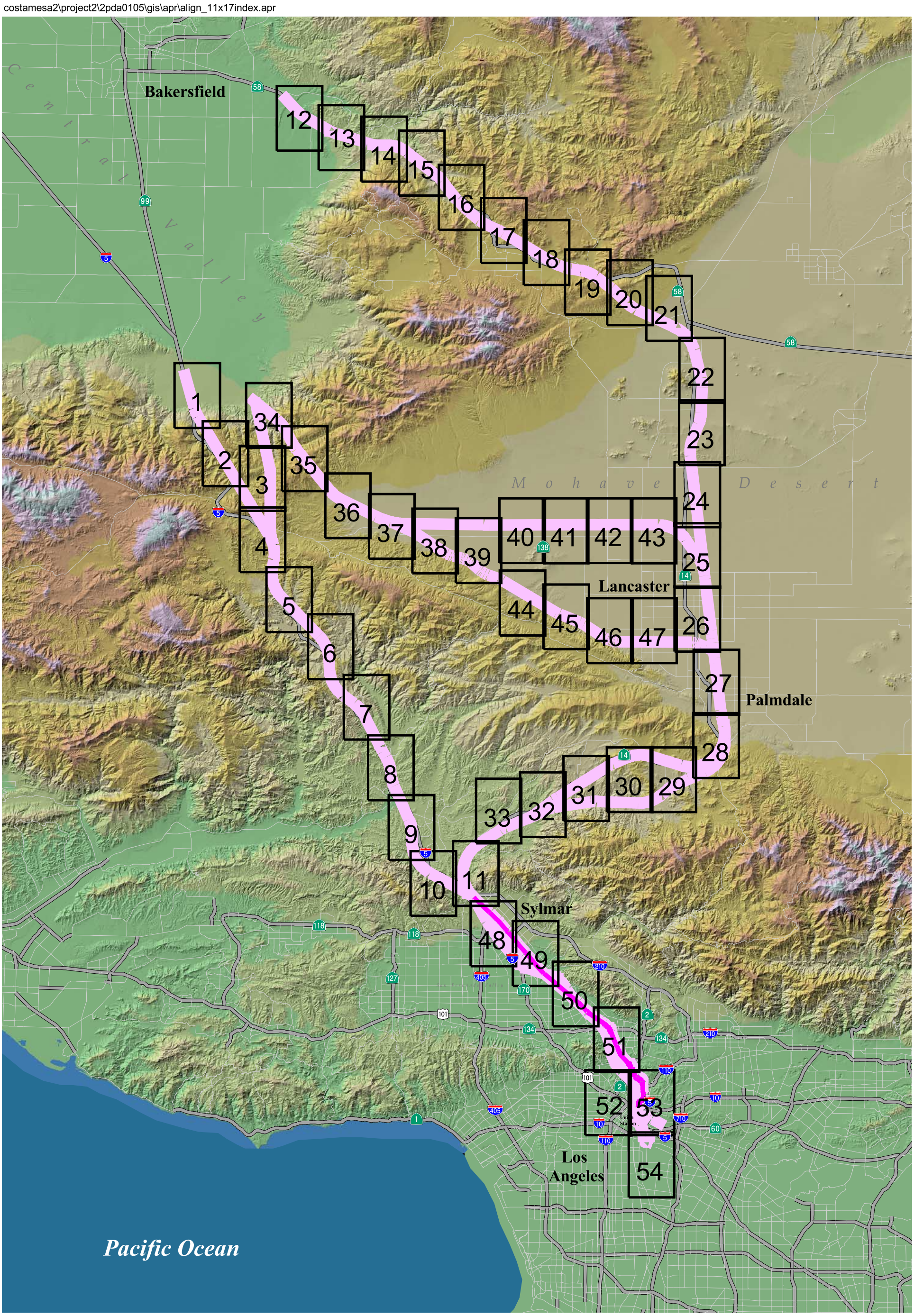

Source: USGS 30 meter DEM mosaic; USGS 1:100,000 DLGs

July 2001

California High-Speed Train Program EIR/EIS

4 0 4 8 Miles

4 0 4 8 Kilometers

Scale = 1: 500,000

Legend

Highlighted Alignment Option

Alignment Options

Orthophoto Sheet

Orthophoto Sheets:

11, 48, 49, 50, 51, 52, 53

Orthophoto Sheet Index

Sylmar to LA Union Station Segment

Alignment Option 1

Metrolink/UPRR

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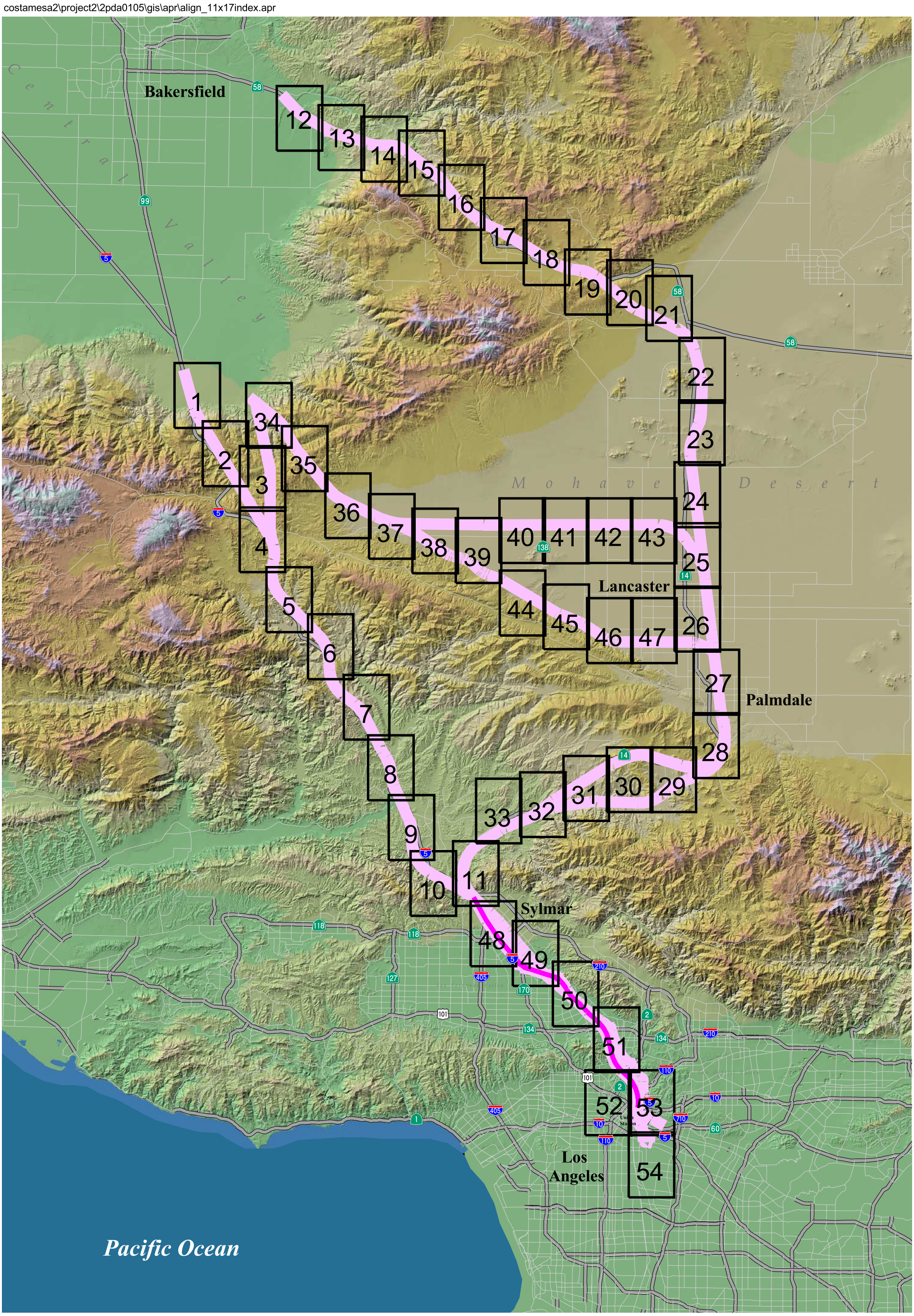


Source: USGS 30 meter DEM mosaic; USGS 1:100,000 DLGs

July 2001

California High-Speed Train Program EIR/EIS

4 0 4 8 Miles

4 0 4 8 Kilometers

Scale = 1: 500,000

Legend

Highlighted Alignment Option

Alignment Options

Orthophoto Sheet

Orthophoto Sheets:

11, 48, 49, 50, 51, 52, 53

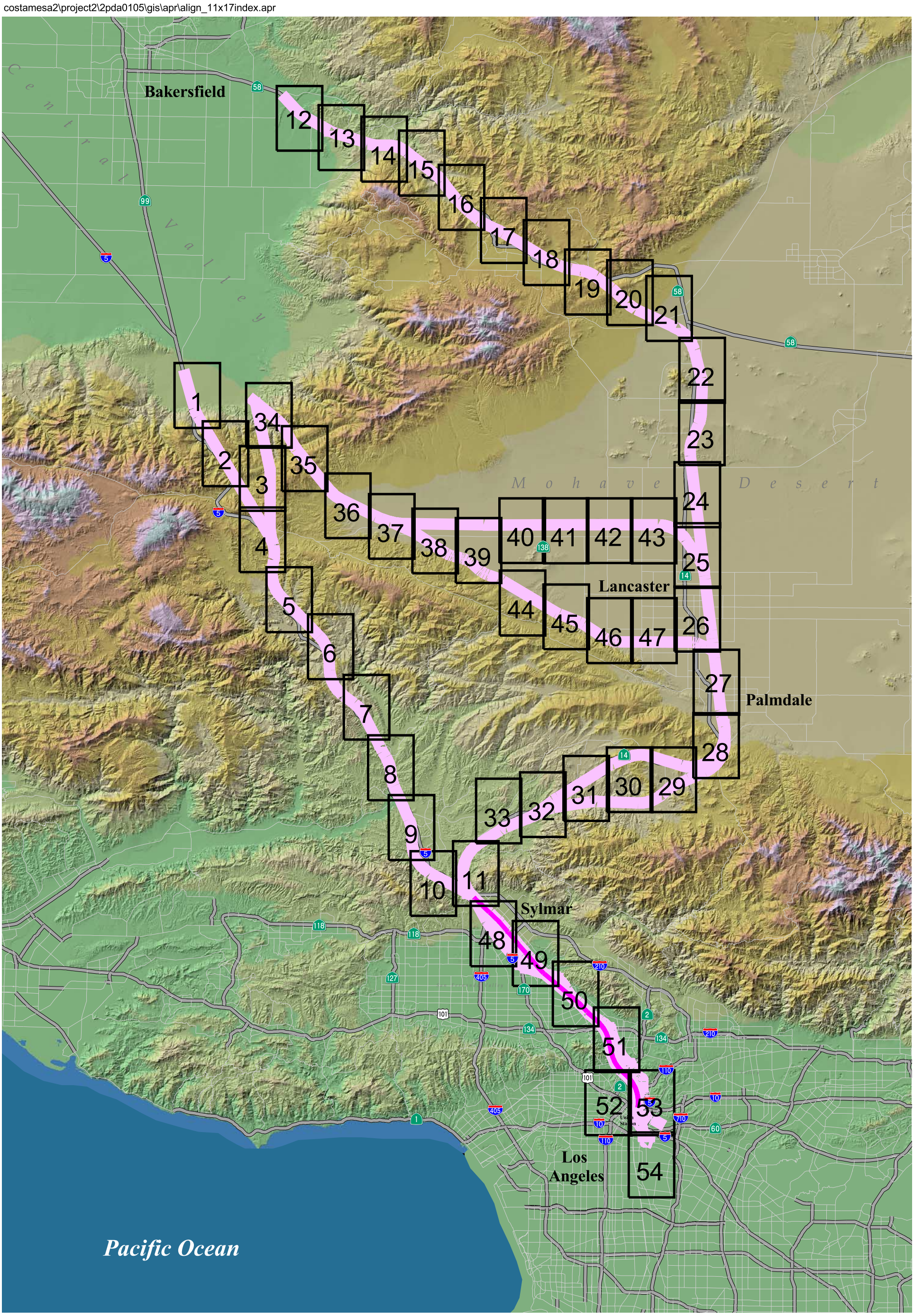
Orthophoto Sheet Index

Sylmar to LA Union Station Segment

Alignment Option 2

I-5 Freeway

costamesa2\project2\2pda0105\gis\apr\align_11x17index.apr



Source: USGS 30 meter DEM mosaic; USGS 1:100,000 DLGs

July 2001

California High-Speed Train Program EIR/EIS

4 0 4 8 Miles

4 0 4 8 Kilometers

Scale = 1: 500,000

Legend

Highlighted Alignment Option

Alignment Options

Orthophoto Sheet

Orthophoto Sheets:

11, 48, 49, 50, 51, 52, 53

Orthophoto Sheet Index

Sylmar to LA Union Station Segment

Alignment Option 3

Combined I-5/UPRR

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Source: USGS Orthophotoquads, 1994-1996

July 2001

California High-Speed Train Program EIR/EIS

0.3 0 0.3 0.6 Miles

0.3 0 0.3 0.6 Kilometers

Scale = 1:25,000

Legend

- Alignment
- Tunnel
- Bridge
- Station Options
- Trench

Alignment Options Orthophoto Base

Sheet 1

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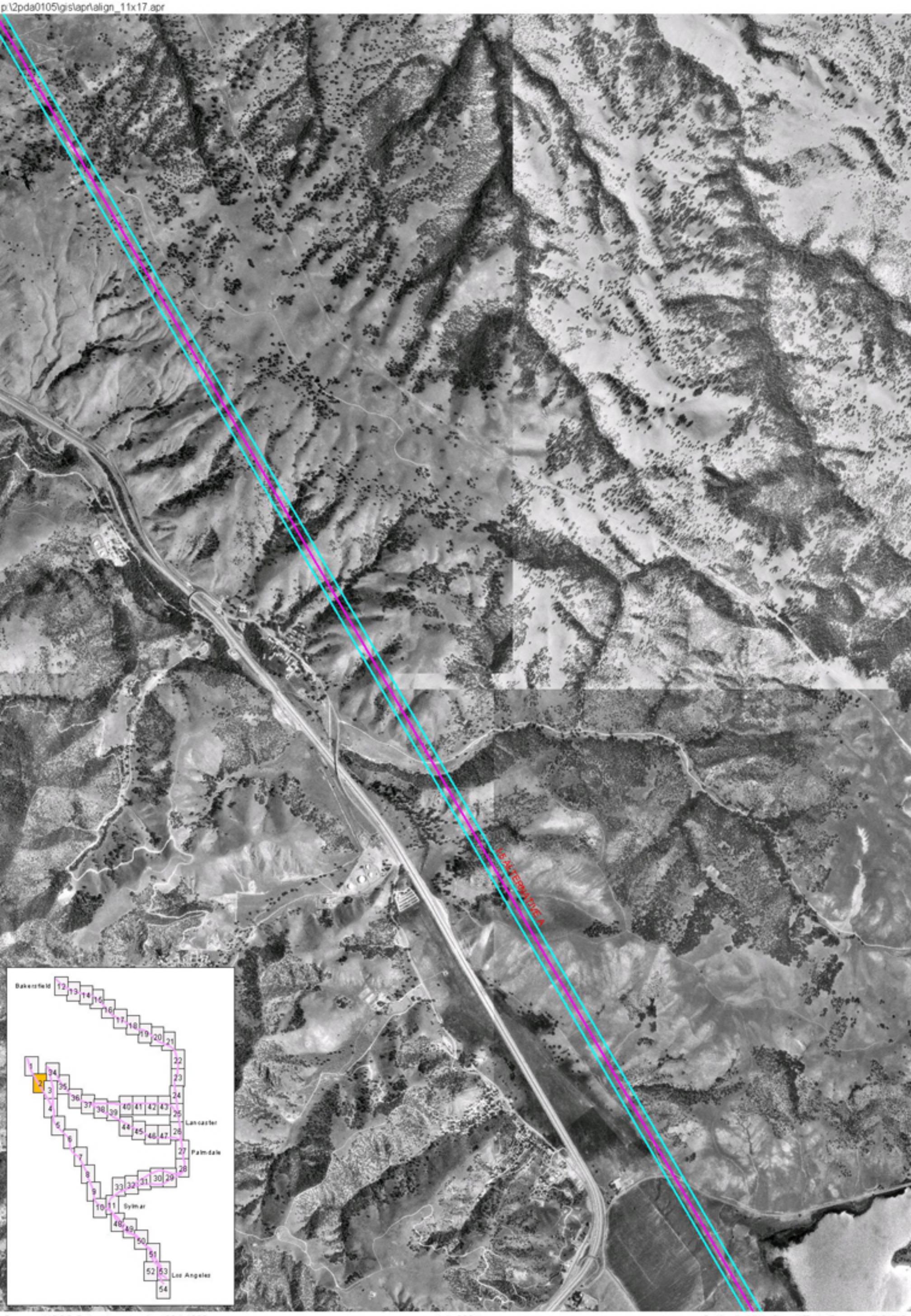

Source: USGS Orthophotoquads, 1994-1996

July 2001

California High-Speed Train Program EIR/EIS

0.25 0 0.25 0.5 Miles

0.25 0 0.25 0.5 Kilometers

Scale = 1:25,000

Legend

- Alignment
- Bridge
- Trench
- Tunnel
- Station Options

Alignment Options Orthophoto Base

Sheet 2

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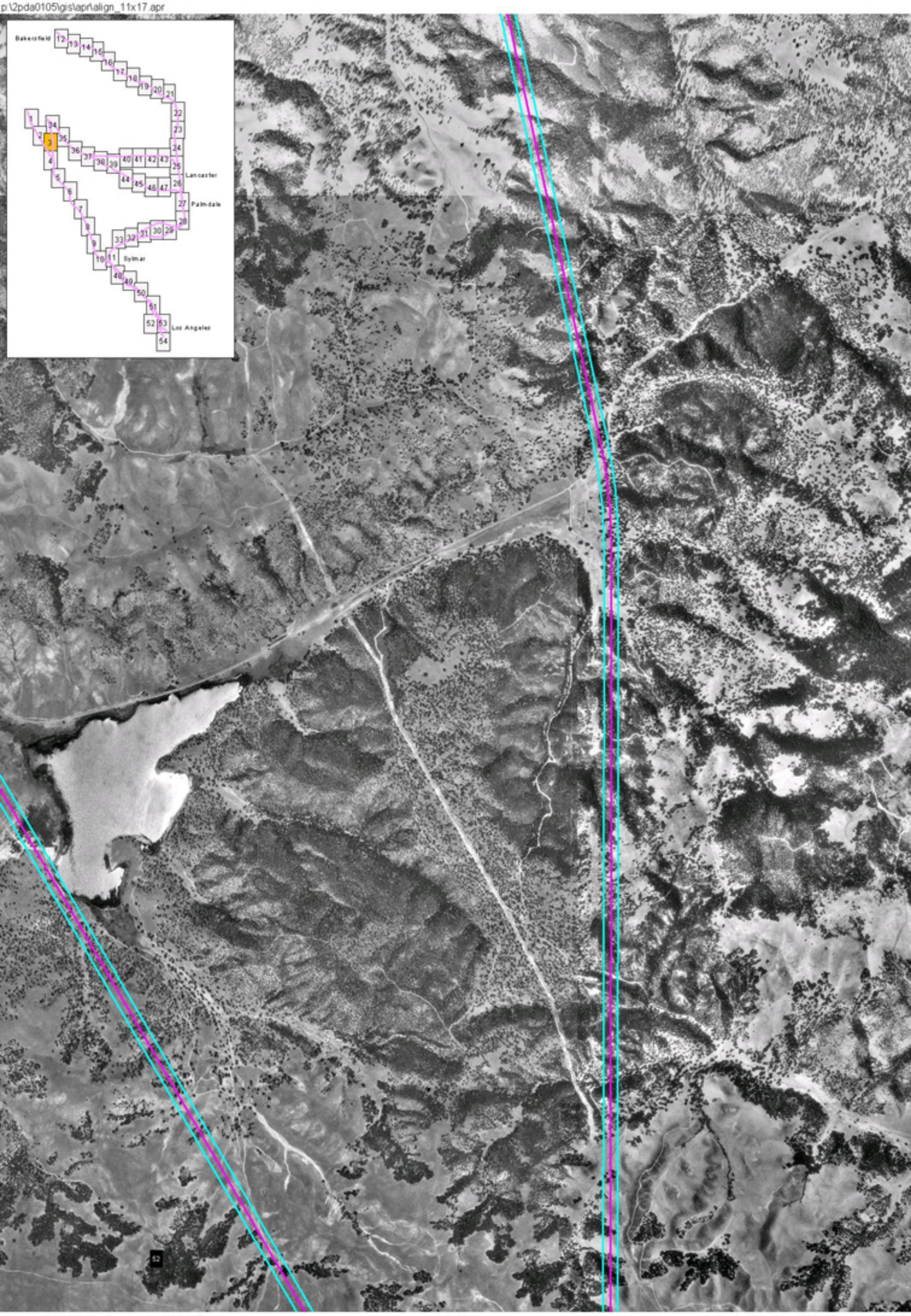

Source: USGS Orthophotoquads, 1994-1996

July 2001

California High-Speed Train Program EIR/EIS

0.25 0 0.25 0.5 Miles

0.25 0 0.25 0.5 Kilometers

Scale = 1:25,000

Legend

- Alignment
- Bridge
- Trench
- Tunnel
- Station Options

Alignment Options Orthophoto Base

Sheet 3

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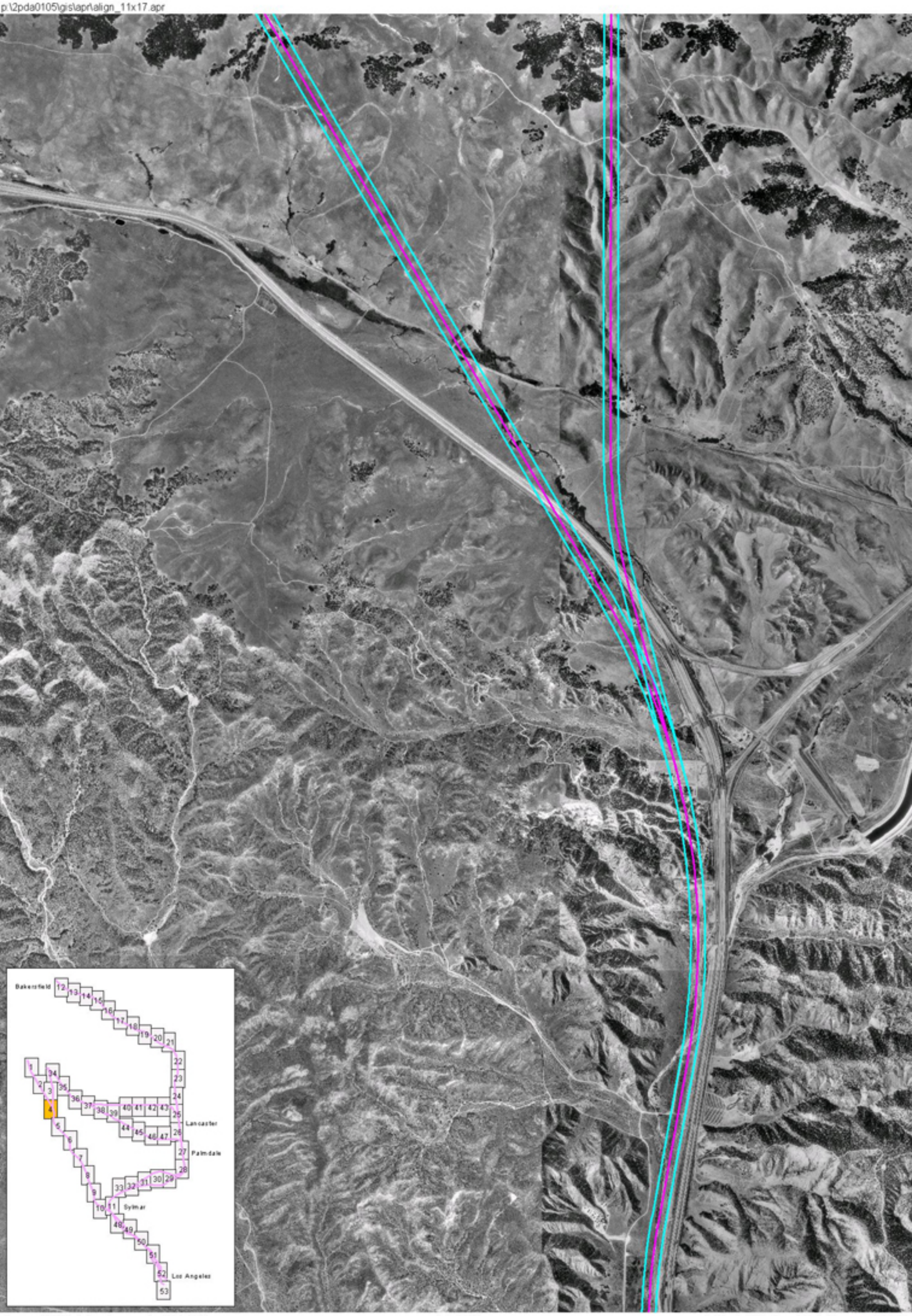

Source: USGS Orthophotoquads, 1994-1996

July 2001

California High-Speed Train Program EIR/EIS

0.3 0 0.3 0.6 Miles

0.3 0 0.3 0.6 Kilometers

Scale = 1:25,000

Legend

- Alignment
- Bridge
- Trench
- Tunnel
- Station Options

Alignment Options Orthophoto Base

Sheet 4

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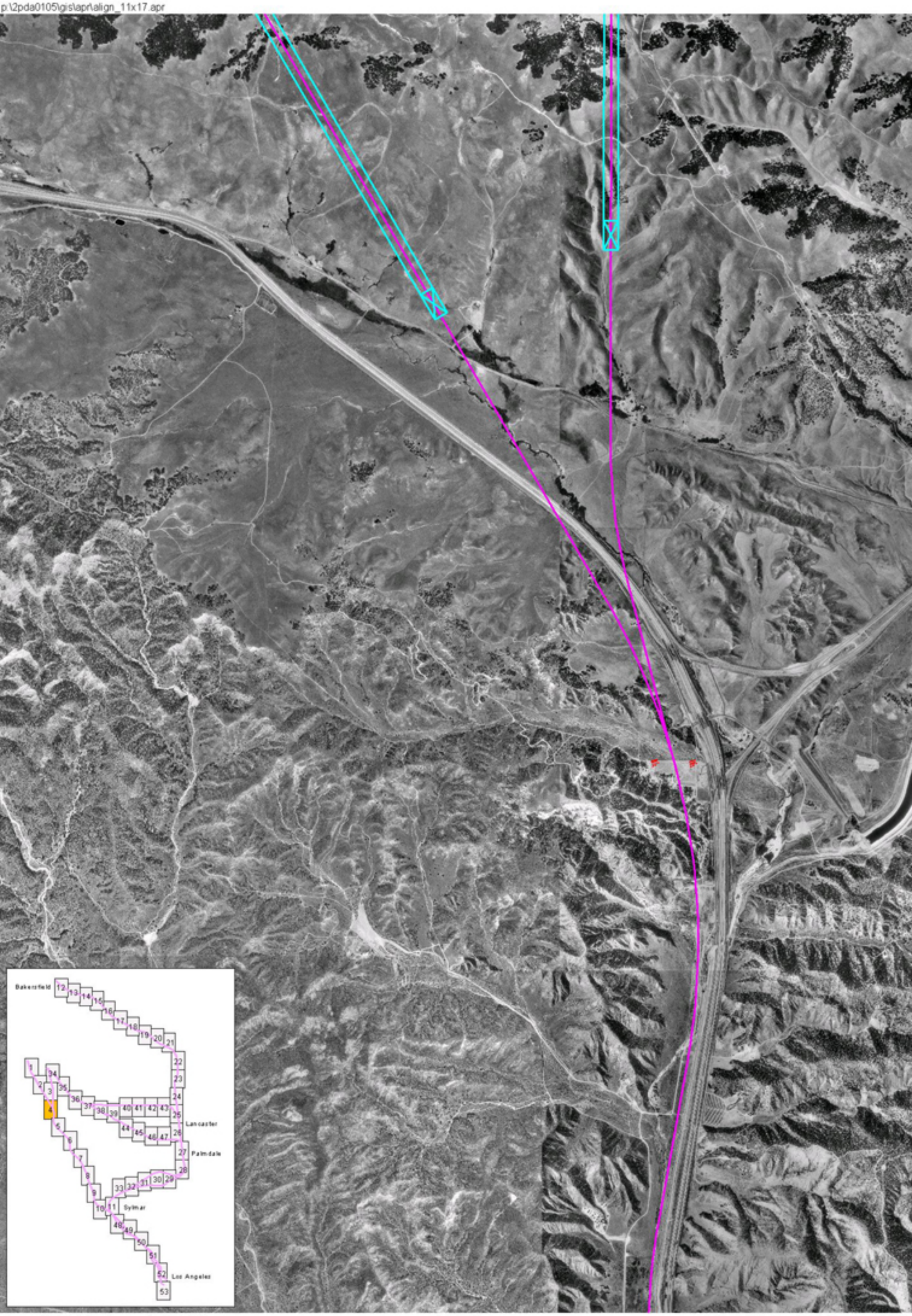

Source: USGS Orthophotoquads, 1994-1996

July 2001

California High-Speed Train Program EIR/EIS

0.3 0 0.3 0.6 Miles

0.3 0 0.3 0.6 Kilometers

Scale = 1:25,000

Legend

- Alignment
- Bridge
- Trench
- Tunnel
- Station Options

Alignment Options Orthophoto Base

Sheet 4a

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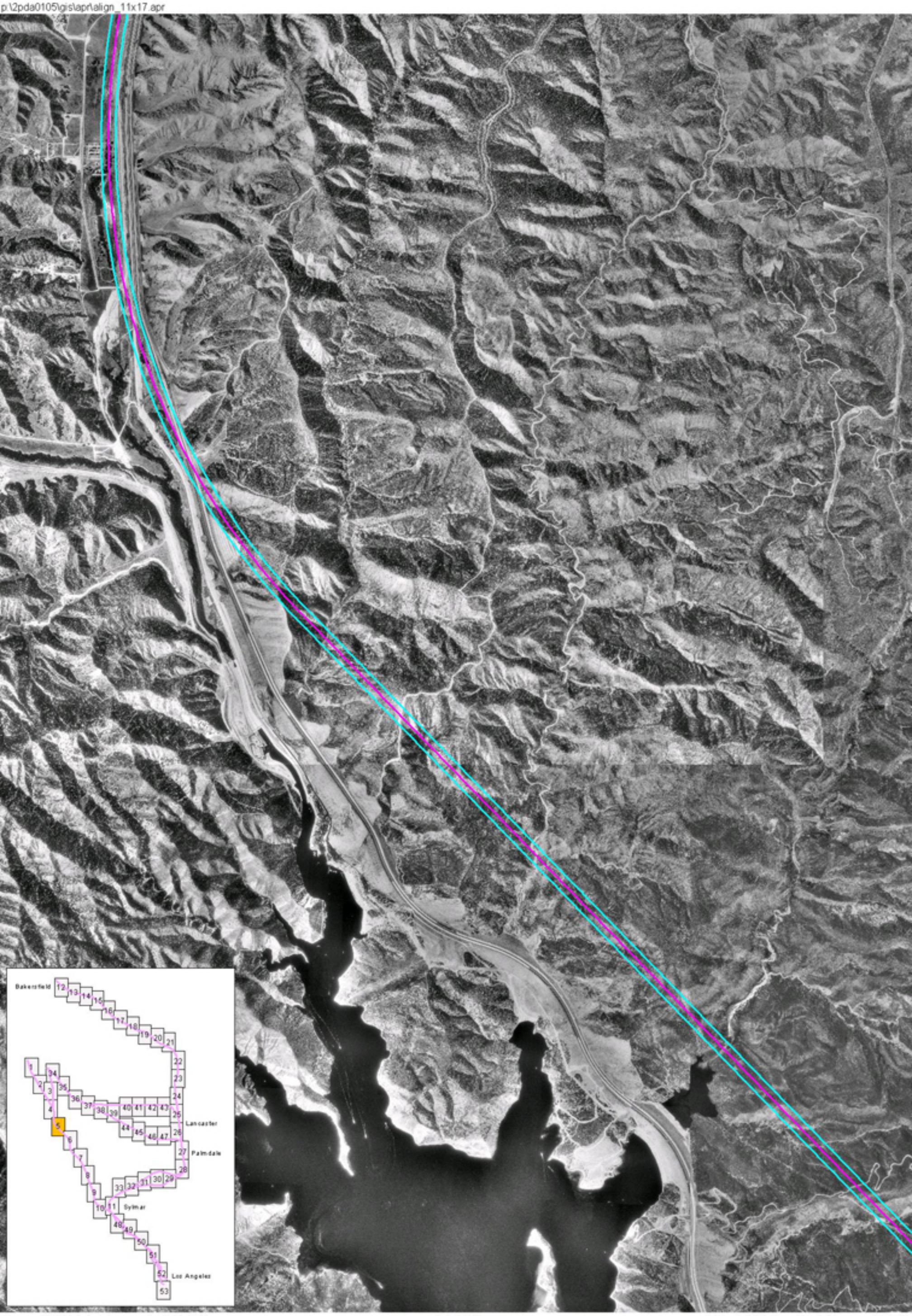

Source: USGS Orthophotoquads, 1994-1996

July 2001

California High-Speed Train Program EIR/EIS

0.3 0 0.3 0.6 Miles

0.3 0 0.3 0.6 Kilometers

Scale = 1:25,000

Legend

- Alignment
- Bridge
- Trench
- Tunnel
- Station Options

Alignment Options Orthophoto Base

Sheet 5

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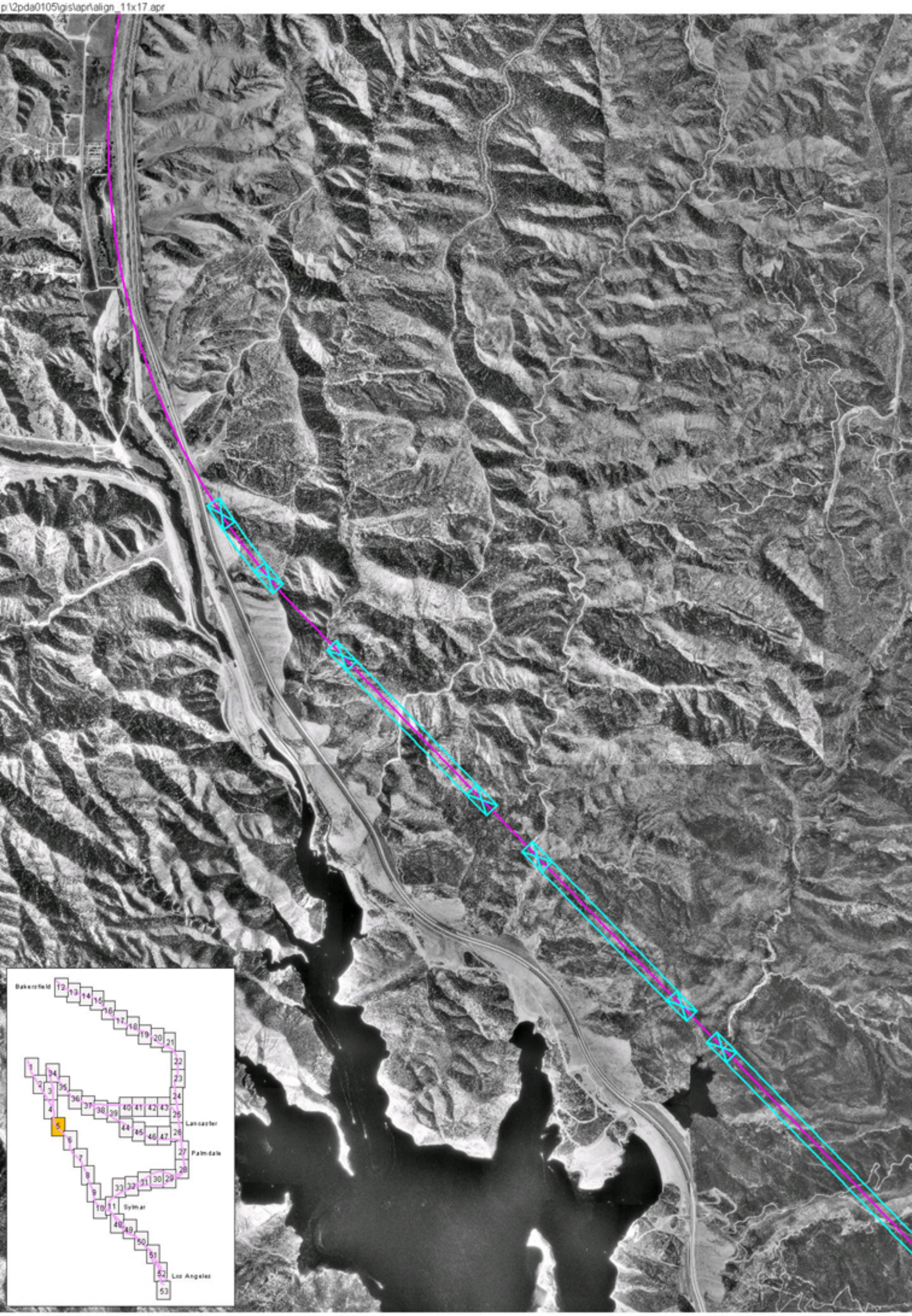

Source: USGS Orthophotoquads, 1994-1996

July 2001

California High-Speed Train Program EIR/EIS

0.3 0 0.3 0.6 Miles

0.3 0 0.3 0.6 Kilometers

Scale = 1:25,000

Legend

- Alignment
- Bridge
- Trench
- Tunnel
- Station Options

Alignment Options Orthophoto Base

Sheet 5a

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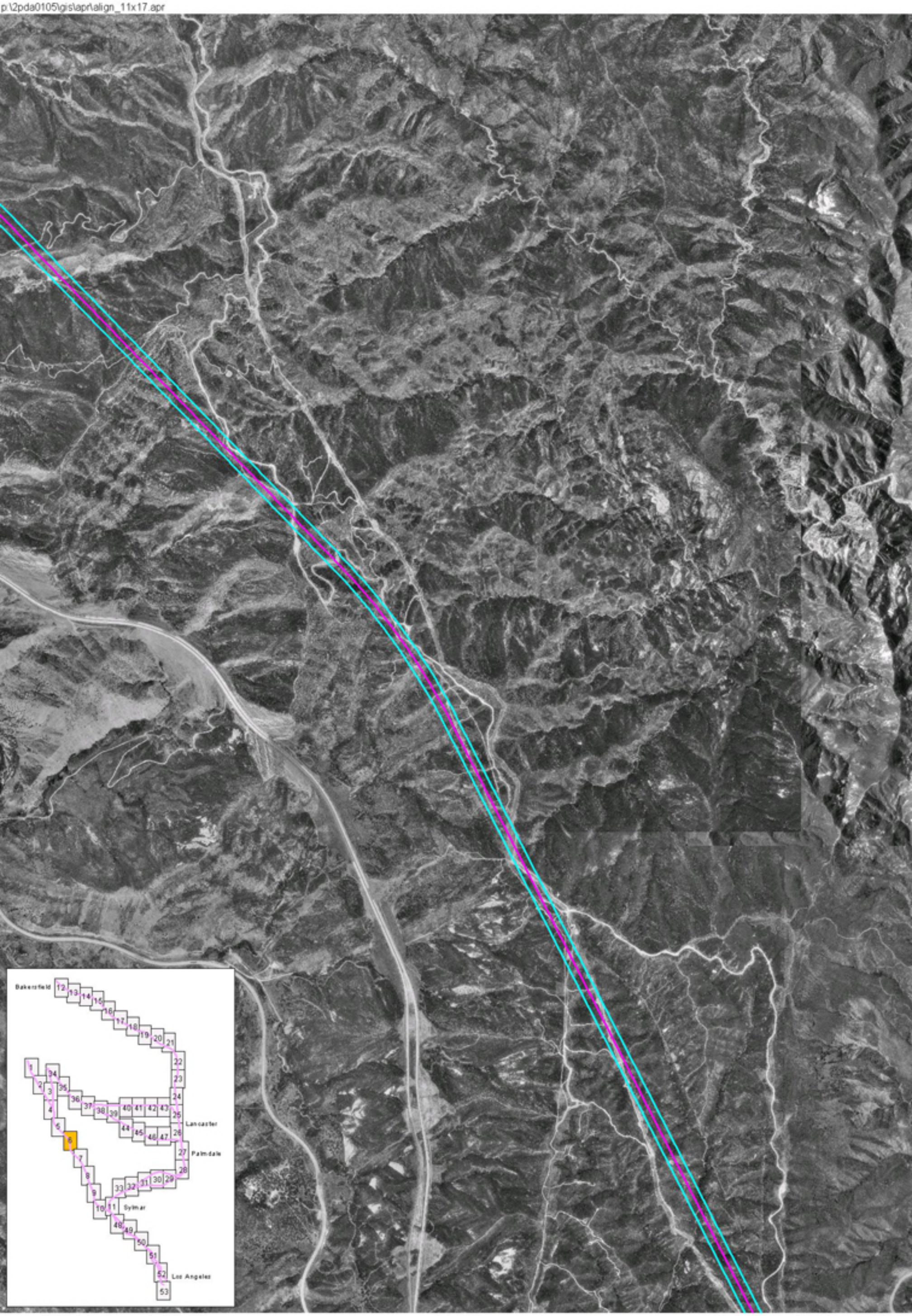

Source: USGS Orthophotoquads, 1994-1996

July 2001

California High-Speed Train Program EIR/EIS

0.3 0 0.3 0.6 Miles

0.3 0 0.3 0.6 Kilometers

Scale = 1:25,000

Legend

- Alignment
- Tunnel
- Bridge
- Station Options
- Trench

Alignment Options Orthophoto Base

Sheet 6

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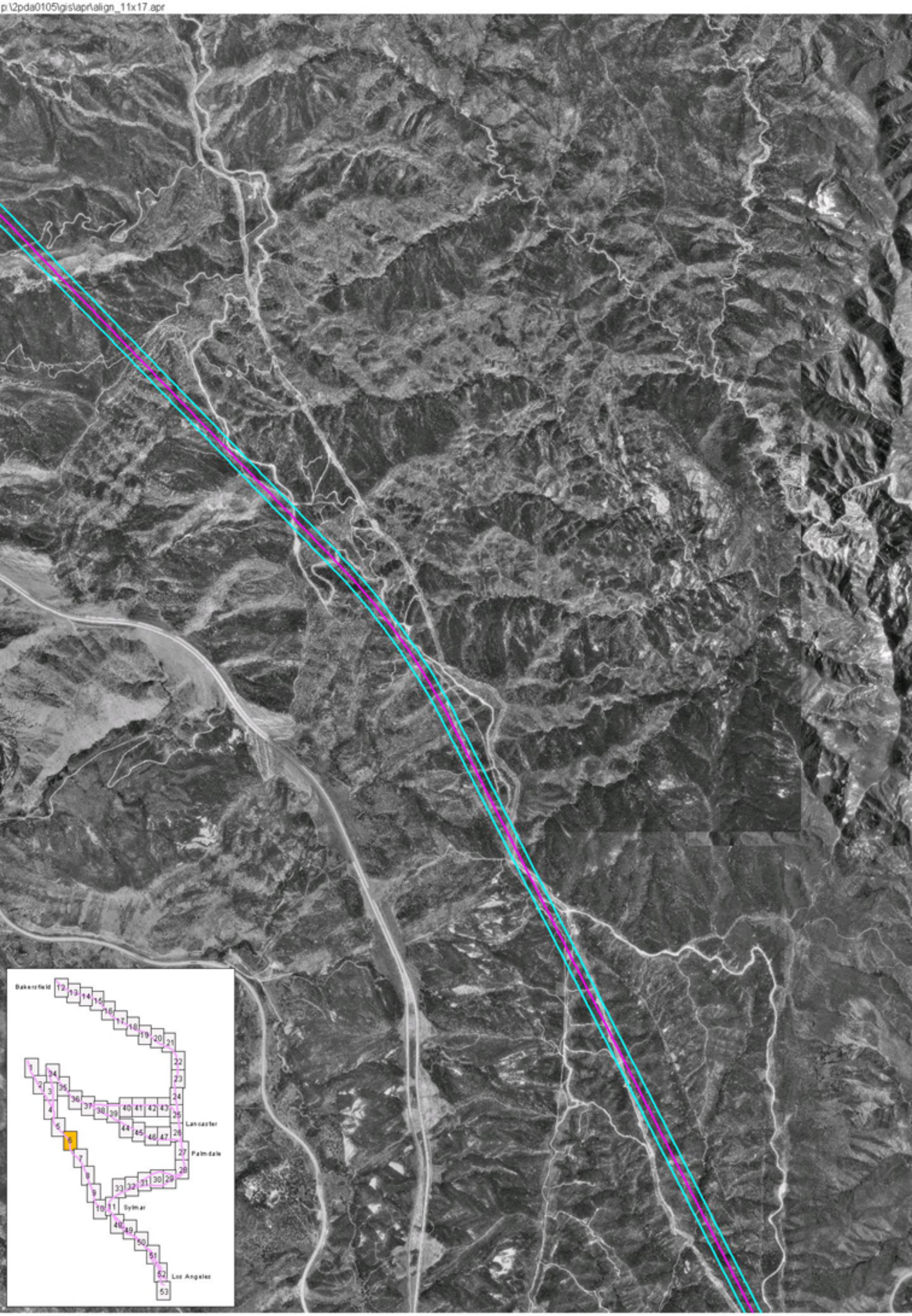

Source: USGS Orthophotoquads, 1994-1996

July 2001

California High-Speed Train Program EIR/EIS

0.3 0 0.3 0.6 Miles

0.3 0 0.3 0.6 Kilometers

Scale = 1:25,000

Legend

- Alignment
- Tunnel
- Bridge
- Station Options
- Trench

Alignment Options Orthophoto Base

Sheet 6a

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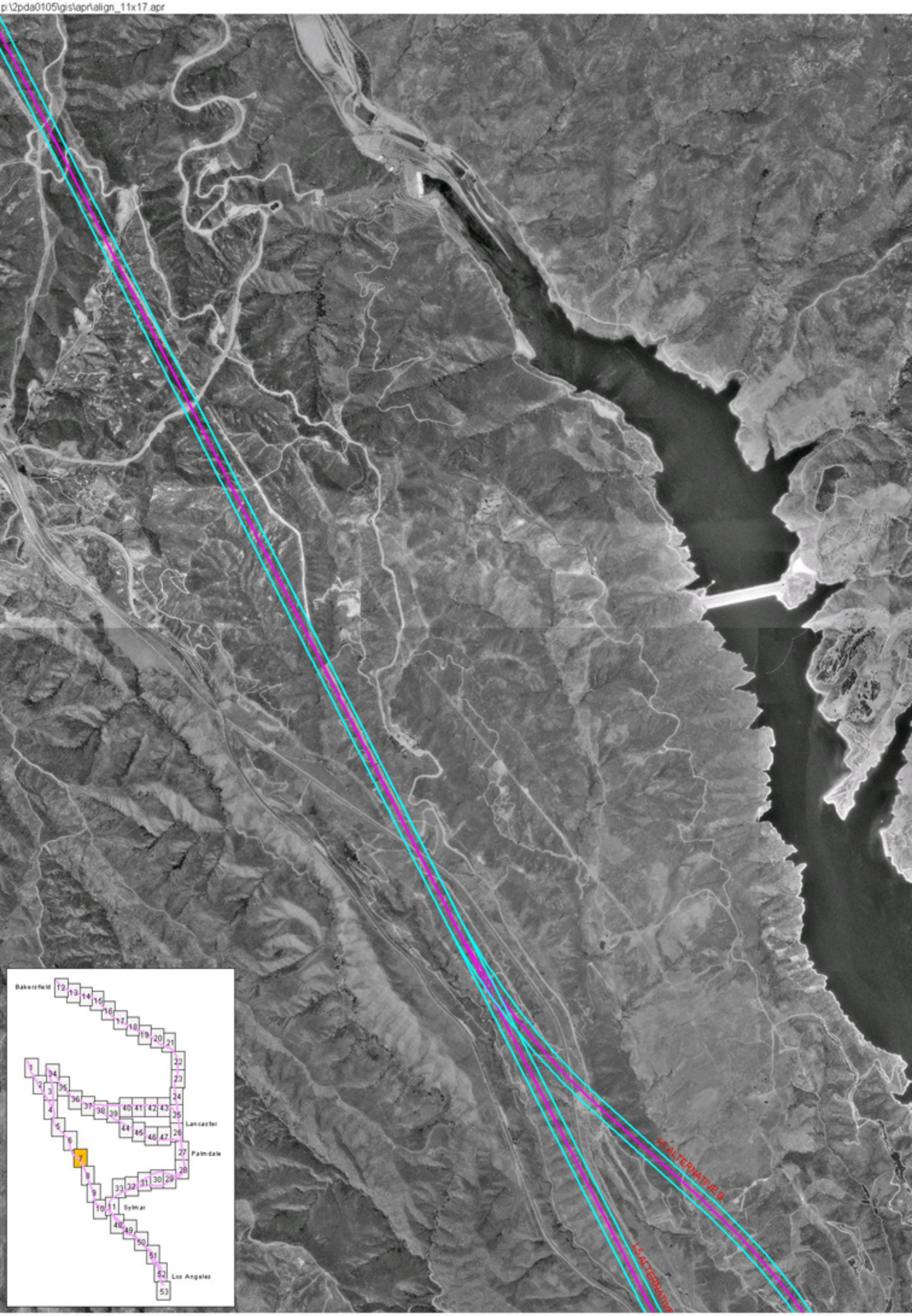

Source: USGS Orthophotoquads, 1994-1996

July 2001

California High-Speed Train Program EIR/EIS

0.3 0 0.3 0.6 Miles

0.3 0 0.3 0.6 Kilometers

Scale = 1:25,000

Legend

- Alignment
- Tunnel
- Bridge
- Station Options
- Trench

Alignment Options Orthophoto Base

Sheet 7

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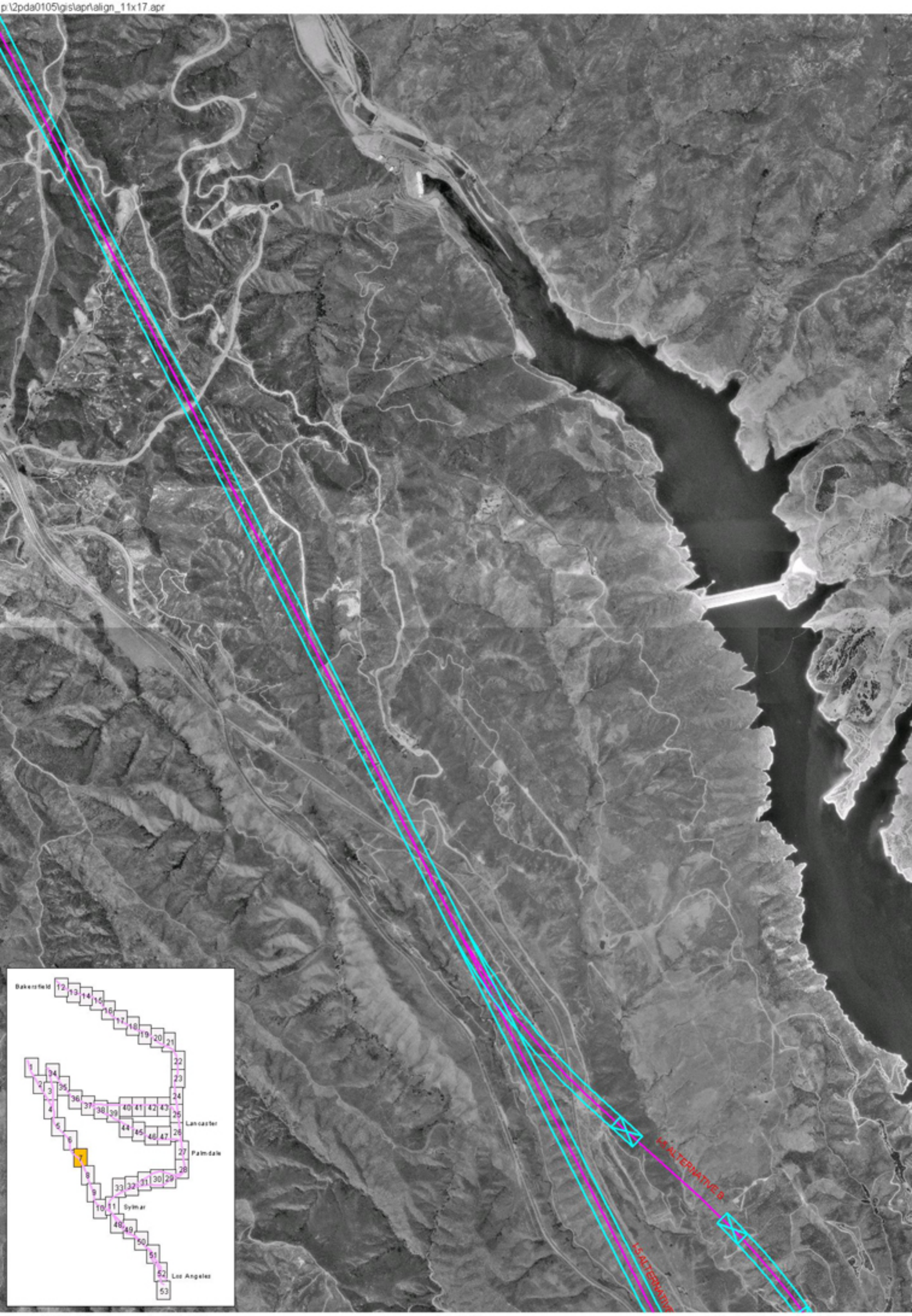


Source: USGS Orthophotoquads, 1994-1996

July 2001

California High-Speed Train Program EIR/EIS

0.3 0 0.3 0.6 Miles

0.3 0 0.3 0.6 Kilometers

Scale = 1:25,000

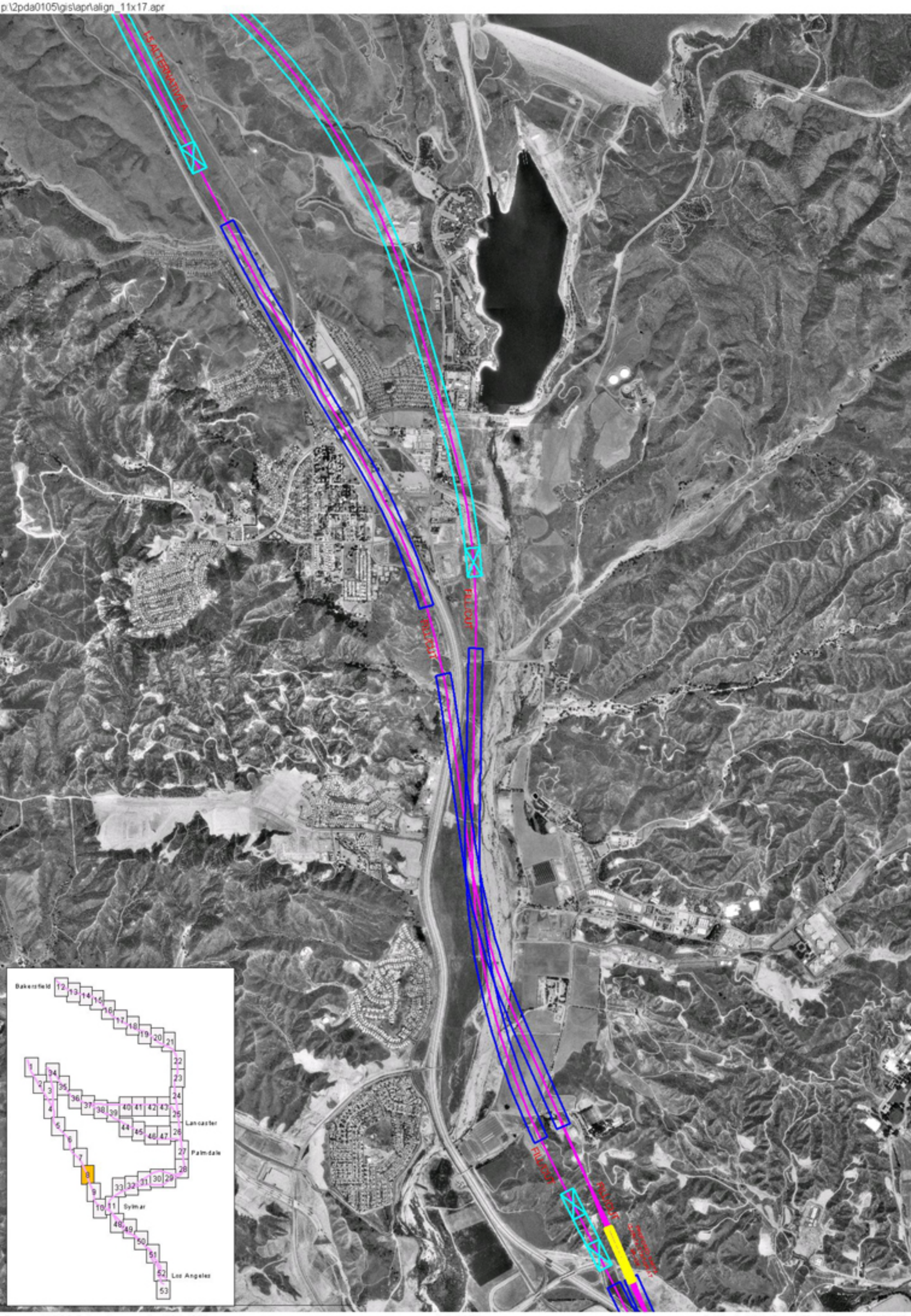
Legend

- Alignment
- Bridge
- Trench
- Tunnel
- Station Options

Alignment Options Orthophoto Base

Sheet 7a

p:\2pda0105\gis\apr\align_11x17.apr



Source: USGS Orthophotoquads, 1994-1996

July 2001

California High-Speed Train Program EIR/EIS

0.3 0 0.3 0.6 Miles

0.3 0 0.3 0.6 Kilometers

Scale = 1:25,000

Legend

- Alignment
- Bridge
- Trench
- Tunnel
- Station Options

Alignment Options Orthophoto Base

Sheet 8

p:\2pda0105\gis\apr\align_11x17.apr

Source: USGS Orthophotoquads, 1994-1996

July 2001

California High-Speed Train Program EIR/EIS

0.3 0 0.3 0.6 Miles

0.3 0 0.3 0.6 Kilometers

Scale = 1:25,000

Legend

- Alignment
- Bridge
- Trench
- Tunnel
- Station Options

Alignment Options Orthophoto Base

Sheet 8a

p:\2pda0105\gis\apr\align_11x17.apr

Source: USGS Orthophotoquads, 1994-1996

July 2001

California High-Speed Train Program EIR/EIS

0.3 0 0.3 0.6 Miles

0.3 0 0.3 0.6 Kilometers

Scale = 1:25,000

Legend

- Alignment
- Bridge
- Trench
- Tunnel
- Station Options

Alignment Options Orthophoto Base

Sheet 9