Source : California Department of Conservation Division of Oil, Gas, and Geothermal Resources, 2001

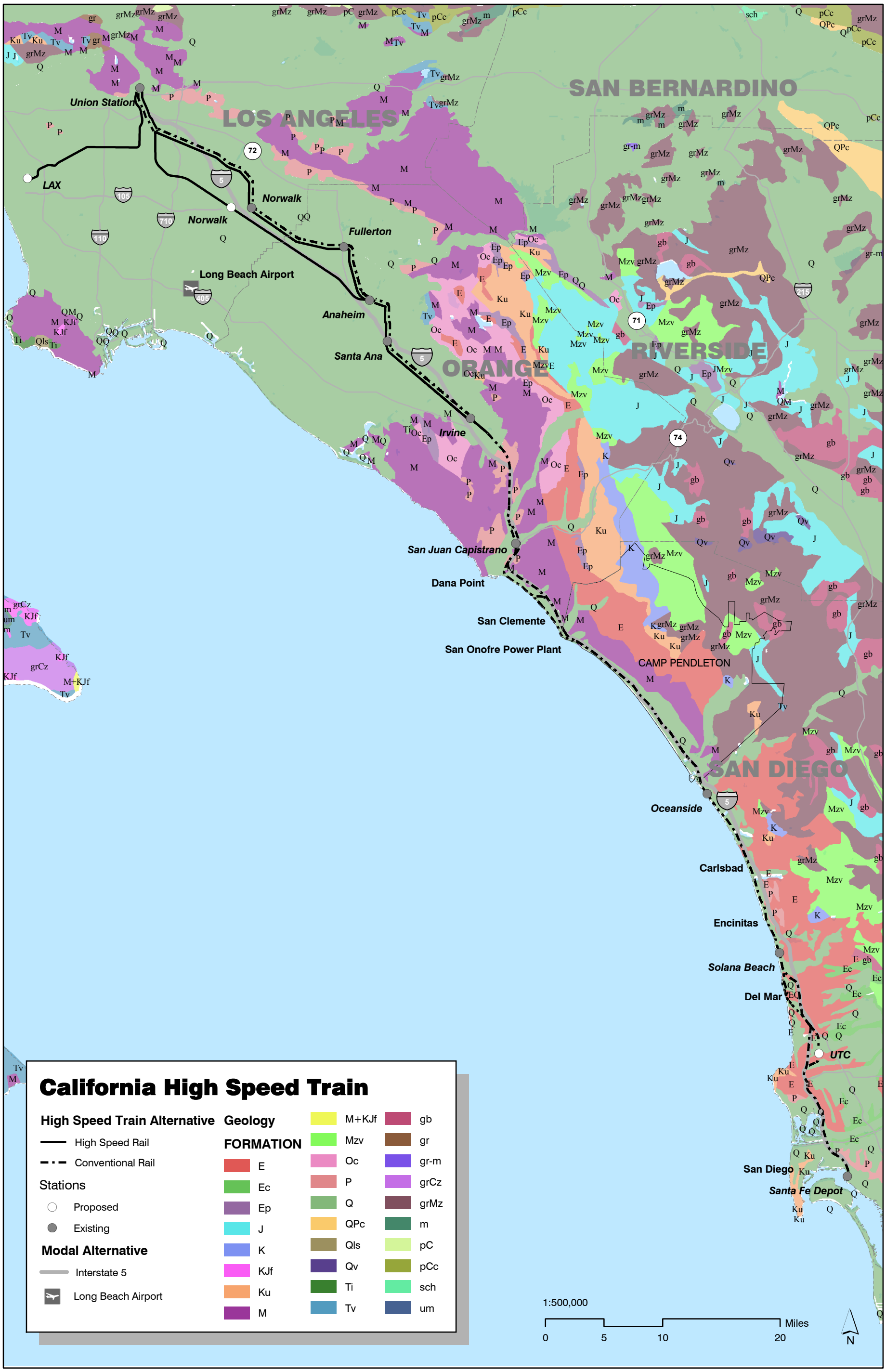
CALIFORNIA HIGH SPEED RAIL AUTHORITY

U.S. Department of Transportation
Federal Railroad Administration

FIGURE 2-1

LA-Orange-SD Route, HSR and Modal

California High Speed Train
Geology, Soils, Seismicity
Program Environmental Impact Report / Environmental Impact Statement

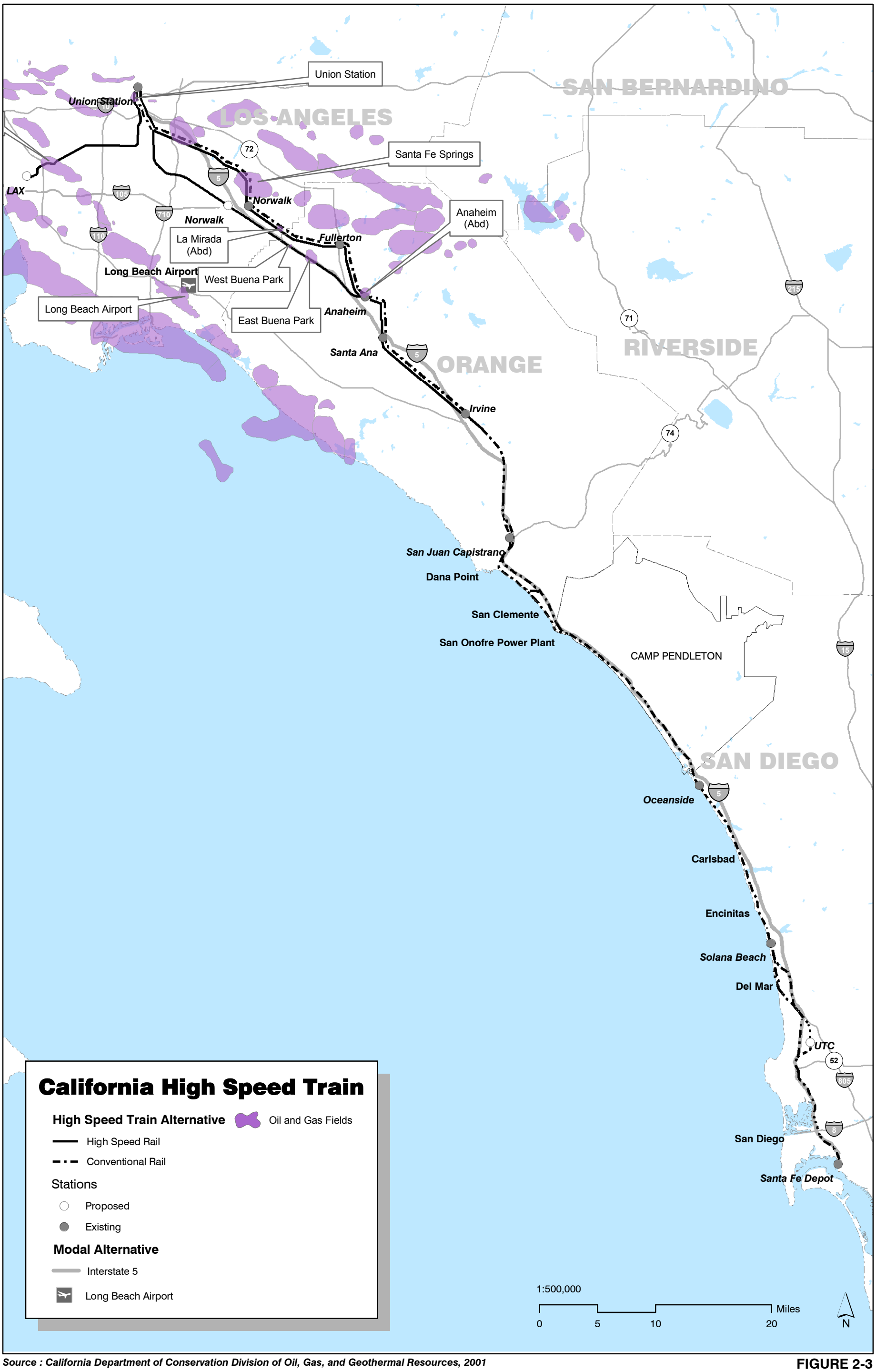


Source : Jennings, 1991

CALIFORNIA HIGH SPEED RAIL AUTHORITY

U.S. Department of Transportation
Federal Railroad Administration

FIGURE 2-2
Regional Geology
California High Speed Train
Geology, Soils, Seismicity
Program Environmental Impact Report / Environmental Impact Statement



Source : California Department of Conservation Division of Oil, Gas, and Geothermal Resources, 2001

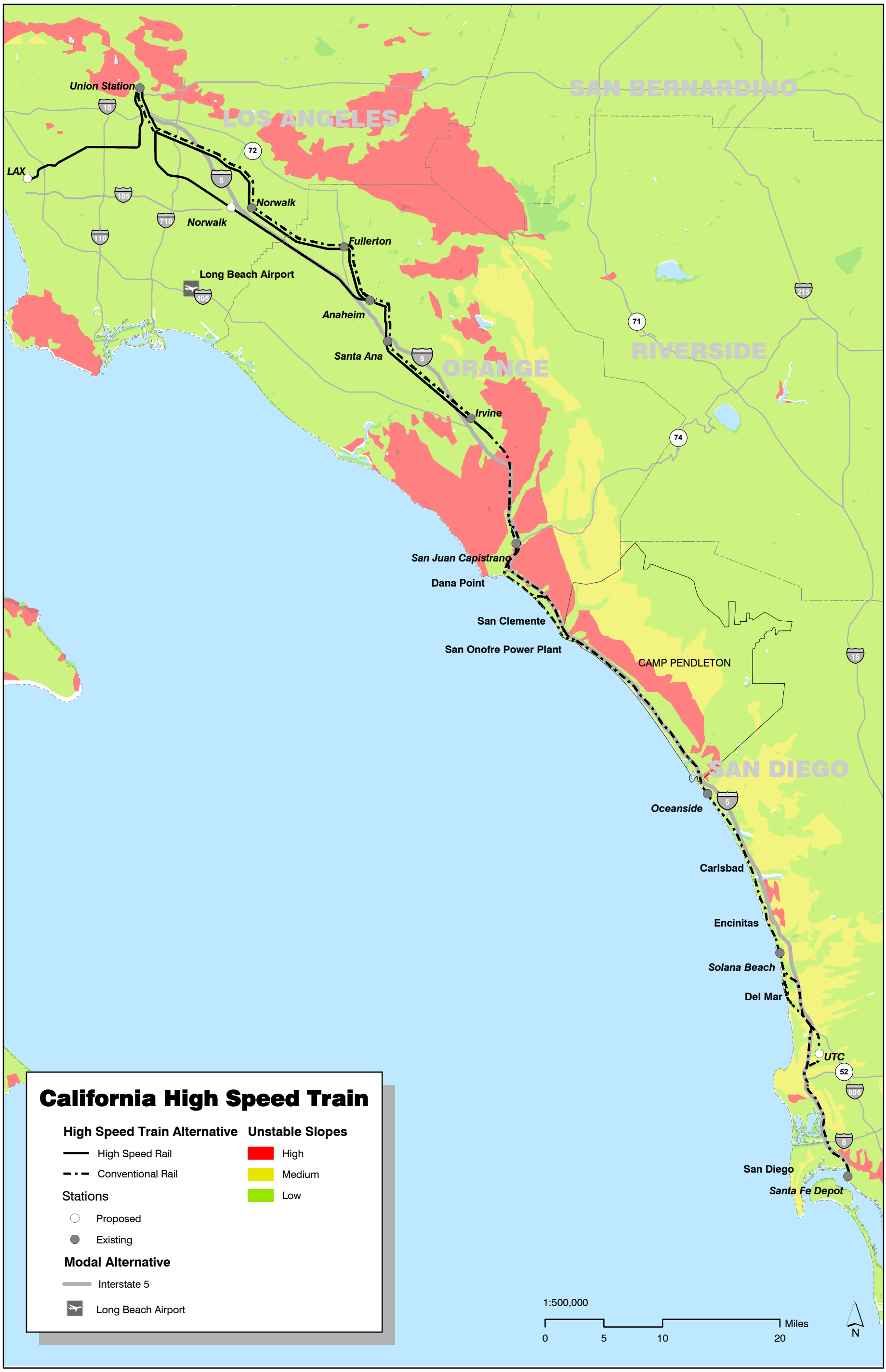
CALIFORNIA HIGH SPEED RAIL AUTHORITY

U.S. Department of Transportation
Federal Railroad Administration

FIGURE 2-3

Oil and Gas Fields

California High Speed Train
Geology, Soils, Seismicity
Program Environmental Impact Report / Environmental Impact Statement

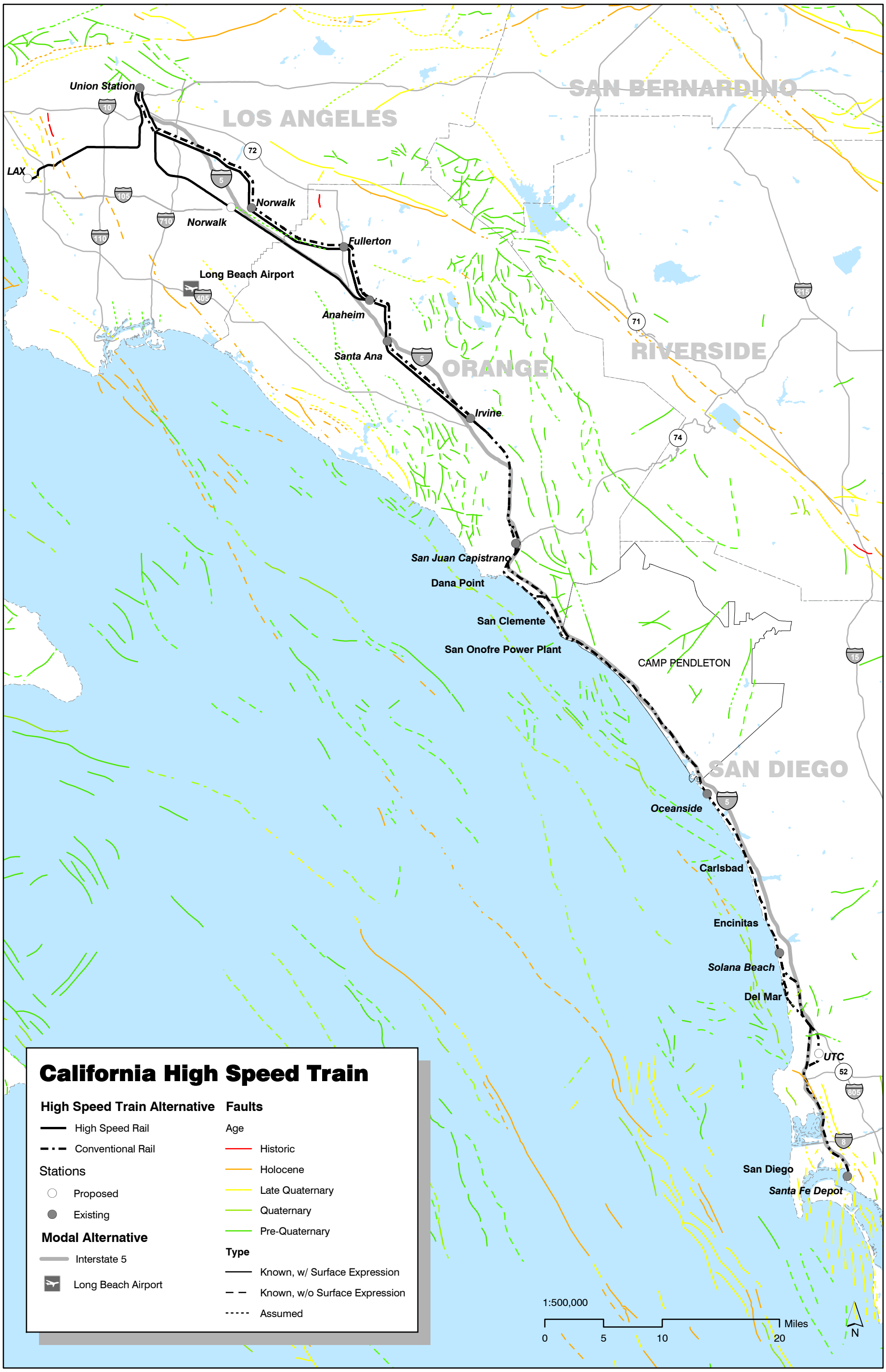


Source : Jennings, 1991

CALIFORNIA HIGH SPEED RAIL AUTHORITY

U.S. Department of Transportation
Federal Railroad Administration

FIGURE 2-4
Potentially Unstable Slopes
California High Speed Train
Geology, Soils, Seismicity
Program Environmental Impact Report / Environmental Impact Statement



Source : Jennings, 1991

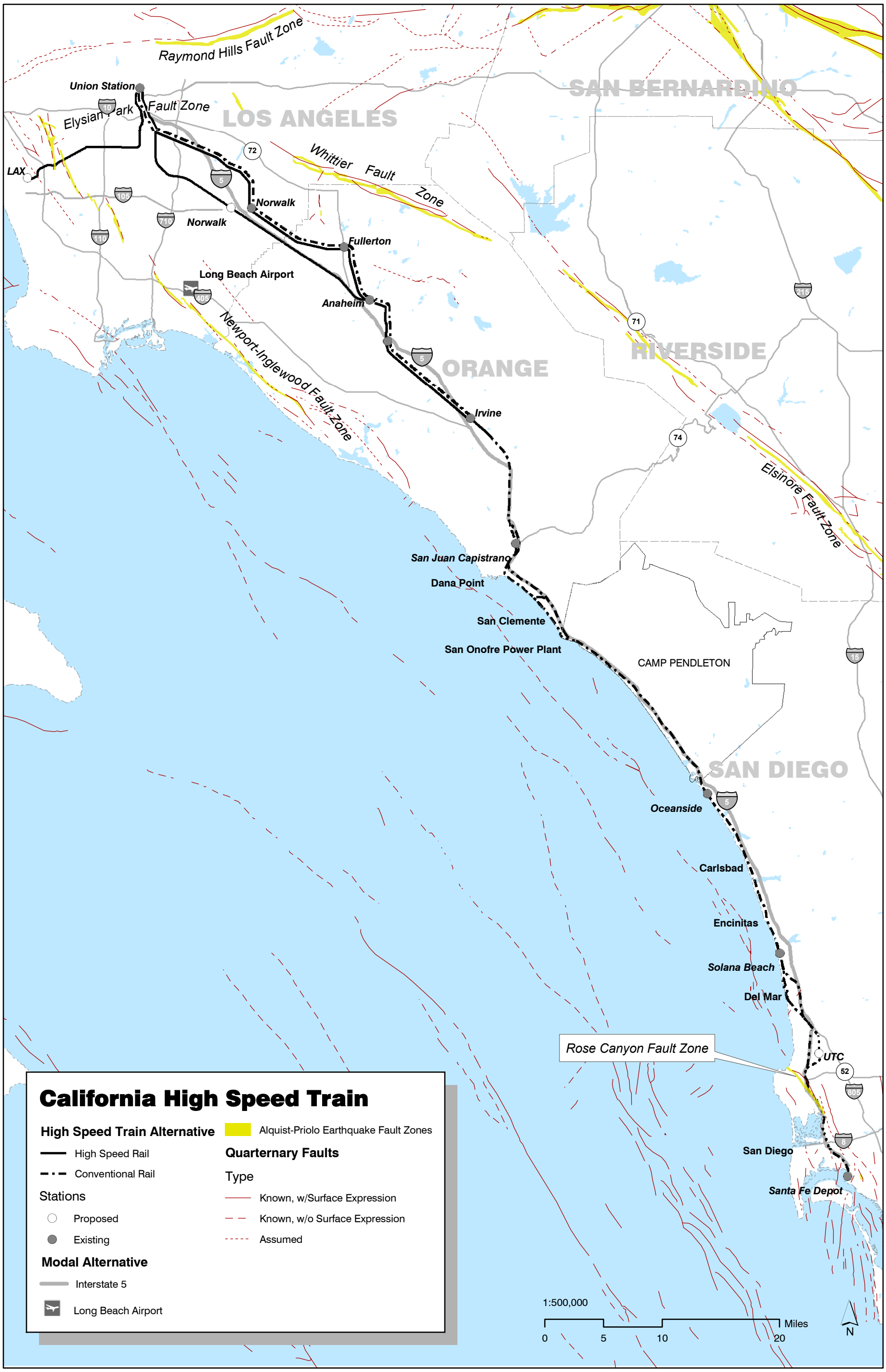
CALIFORNIA HIGH SPEED RAIL AUTHORITY

U.S. Department of Transportation
Federal Railroad Administration

FIGURE 2-5

Quarternary and Pre-Quarternary Faults

California High Speed Train
Geology, Soils, Seismicity
Program Environmental Impact Report / Environmental Impact Statement



Source : Jennings, 1991

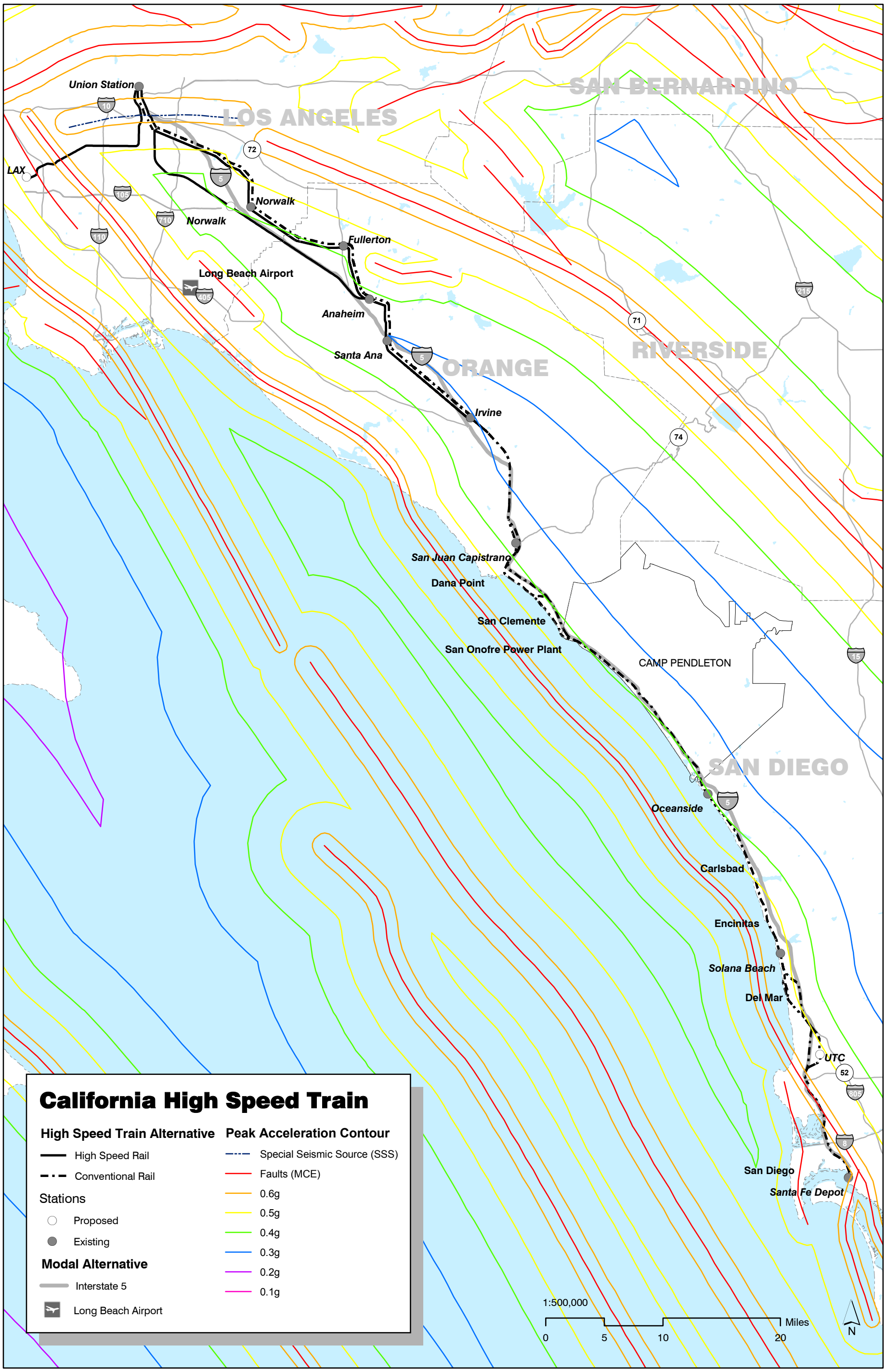
FIGURE 2-6

Quarternary Faults and Alquist-Priolo Earthquake Fault Zones

California High Speed Train
Geology, Soils, Seismicity
Program Environmental Impact Report / Environmental Impact Statement

CALIFORNIA HIGH SPEED RAIL AUTHORITY

U.S. Department of Transportation
Federal Railroad Administration



Source : Mualchin; 1996

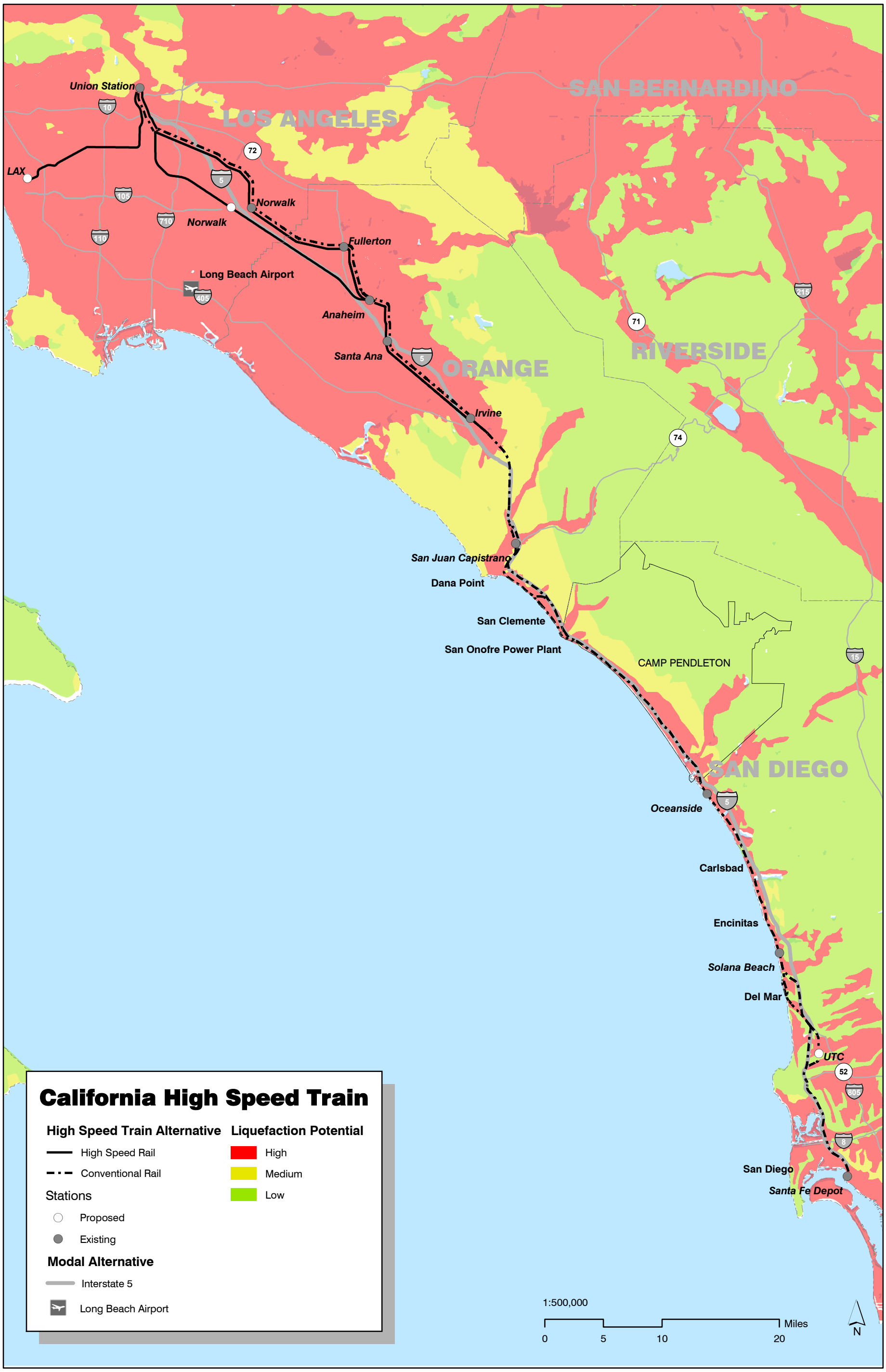
CALIFORNIA HIGH SPEED RAIL AUTHORITY

U.S. Department of Transportation
Federal Railroad Administration

FIGURE 2-7

Caltrans Seismic Hazards

California High Speed Train
Geology Soild Seismicity
Program Environmental Impact Report / Environmental Impact Statement



Source : Jennings, 1991

CALIFORNIA HIGH SPEED RAIL AUTHORITY

U.S. Department of Transportation
Federal Railroad Administration

FIGURE 2-8

Potential Liquefaction Zones

California High Speed Train
Geology, Soils, Seismicity
Program Environmental Impact Report / Environmental Impact Statement