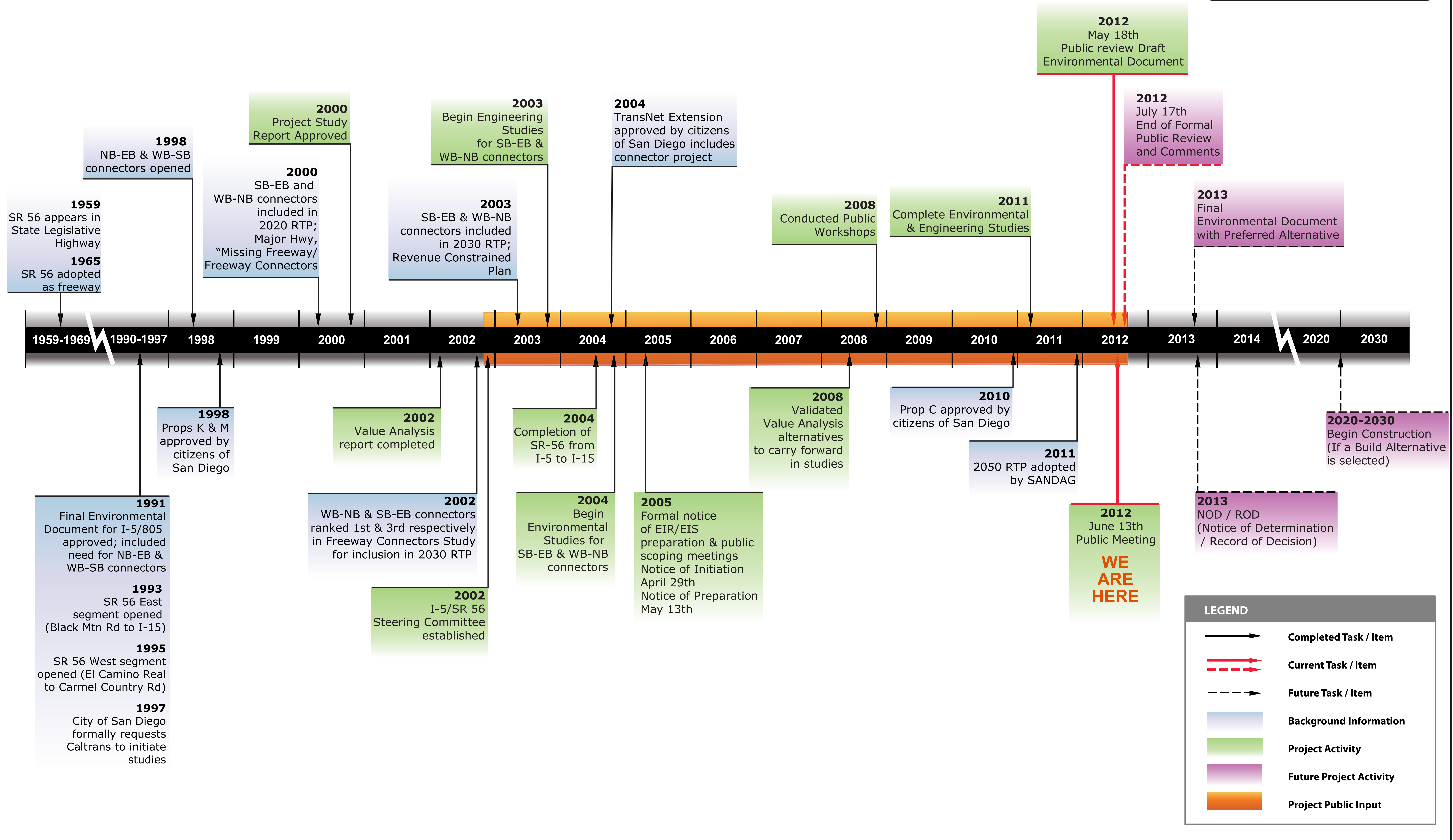




# Purpose and Need

- Maintain or improve existing and future traffic operations within I-5/SR-56 Interchange Project area.
- Develop a project sensitive to the community and environment that addresses:
  - Local congestion
  - Cut-thru traffic
  - Regional connectivity

# I-5/SR 56 Interchange Project



All alternatives are consistent with the 2050 Regional Transportation Plan, which includes the proposed improvements to SR 56 (six lanes), I-5 (Express Lanes) and transit projects.

**No Build (Alternative 1)**



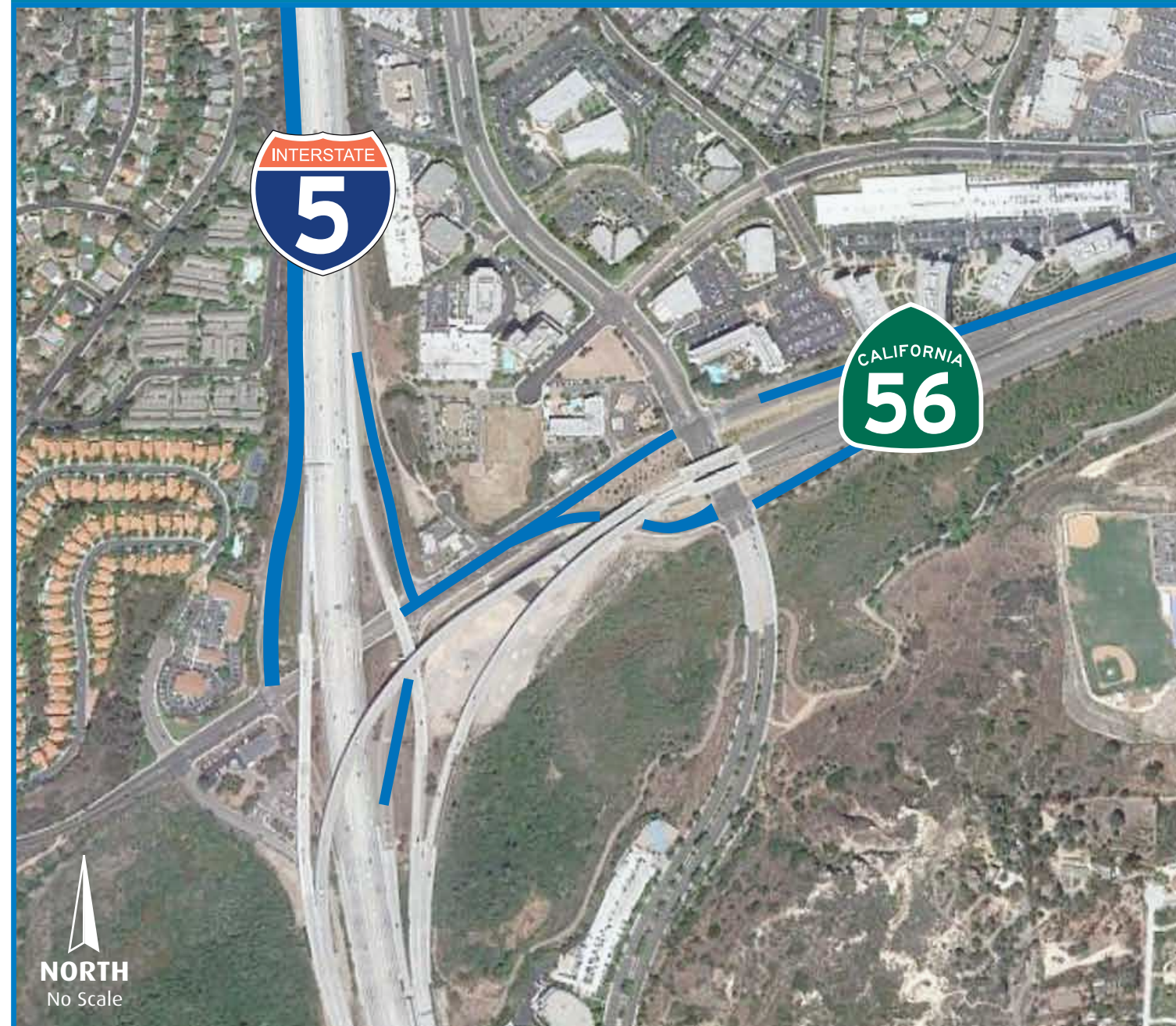
- Maintains existing freeway configuration

**Direct Connector (Alternative 2)**



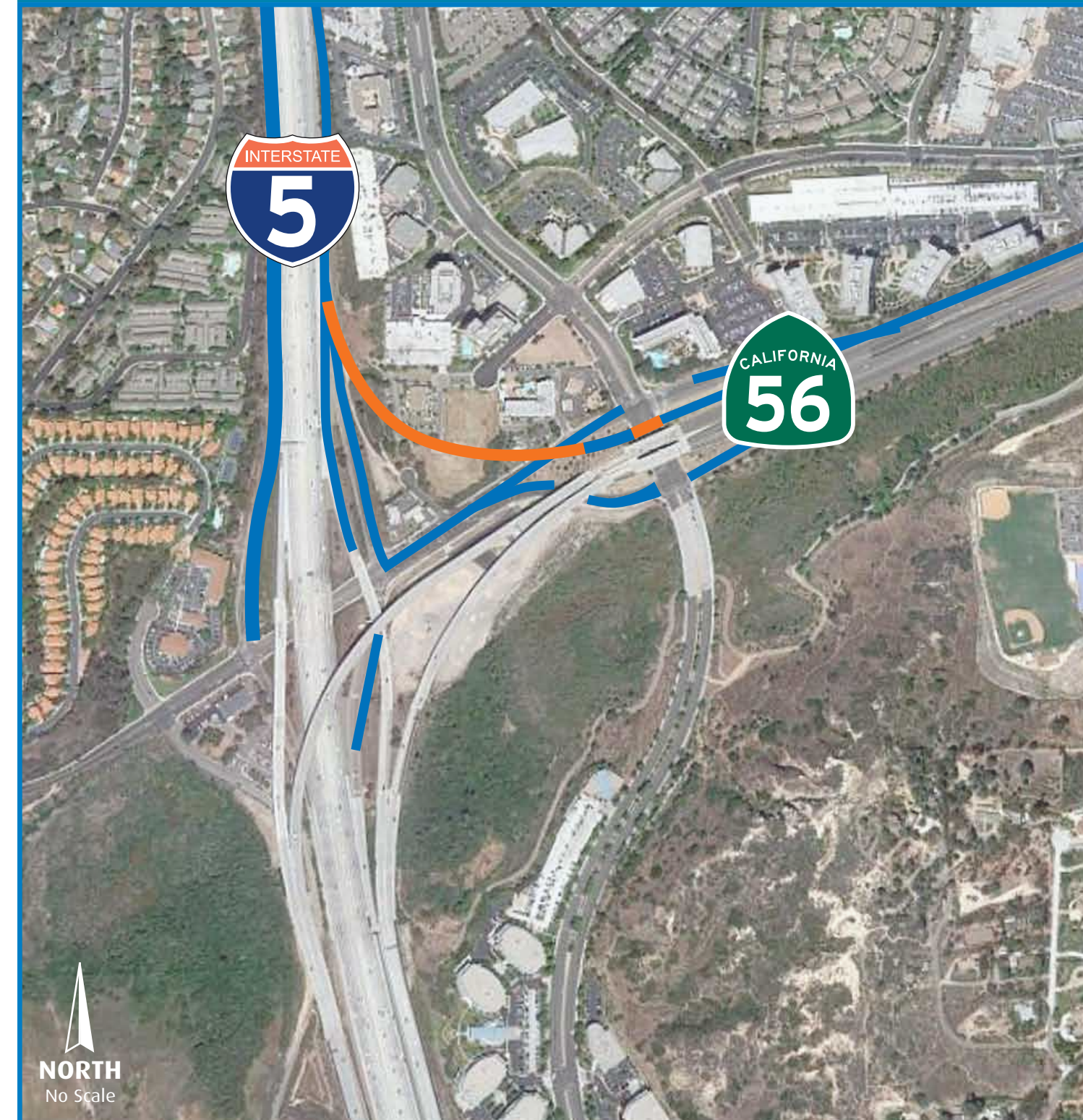
- Connects westbound SR 56 to northbound I-5 and southbound I-5 with eastbound SR 56 via two-lane freeway-to-freeway connector ramps
- Adds two lanes on westbound SR 56 and one lane on eastbound SR 56 between Carmel Country Road and El Camino Real
- Replaces and enhances the Del Mar Heights Road overcrossing
- Provides operational improvements at existing ramps and intersections within the project area
- Total project estimated to cost \$250 million – \$270 million

**Auxiliary Lane (Alternative 3)**



- Adds one auxiliary lane on southbound I-5 between Del Mar Heights Road and Carmel Valley Road
- Replaces and enhances the Del Mar Heights Road overcrossing
- Provides operational improvements on westbound SR 56 from Carmel Country Road to El Camino Real and at existing ramps and intersections within the project area
- Total project estimated to cost \$95 million – \$115 million

**Hybrid (Alternative 4)**



- Connects westbound SR 56 to northbound I-5 via a two-lane freeway-to-freeway connector ramp
- Adds one auxiliary lane on southbound I-5 between Del Mar Heights Road and Carmel Valley Road
- Adds two lanes on westbound SR 56 and one lane on eastbound SR 56 between Carmel Country Road and El Camino Real
- Replaces and enhances the Del Mar Heights Road overcrossing
- Provides operational improvements at existing ramps and intersections within the project area
- Total project estimated to cost \$160 million – \$180 million

**Hybrid with Flyover (Alternative 5)**



- Connects westbound SR 56 to northbound I-5 via a two-lane freeway-to-freeway connector ramp
- Connects eastbound Carmel Valley Road to eastbound SR 56 via an on-ramp connector
- Adds one auxiliary lane on southbound I-5 between Del Mar Heights Road and Carmel Valley Road
- Adds two lanes on westbound SR 56 and one lane on eastbound SR 56 between Carmel Country Road and El Camino Real
- Replaces and enhances the Del Mar Heights Road overcrossing
- Provides operational improvements at existing ramps and intersections within the project area
- Total project estimated to cost \$205 million – \$225 million

**LEGEND**

- Proposed Widening/Improvements
- Proposed Structures