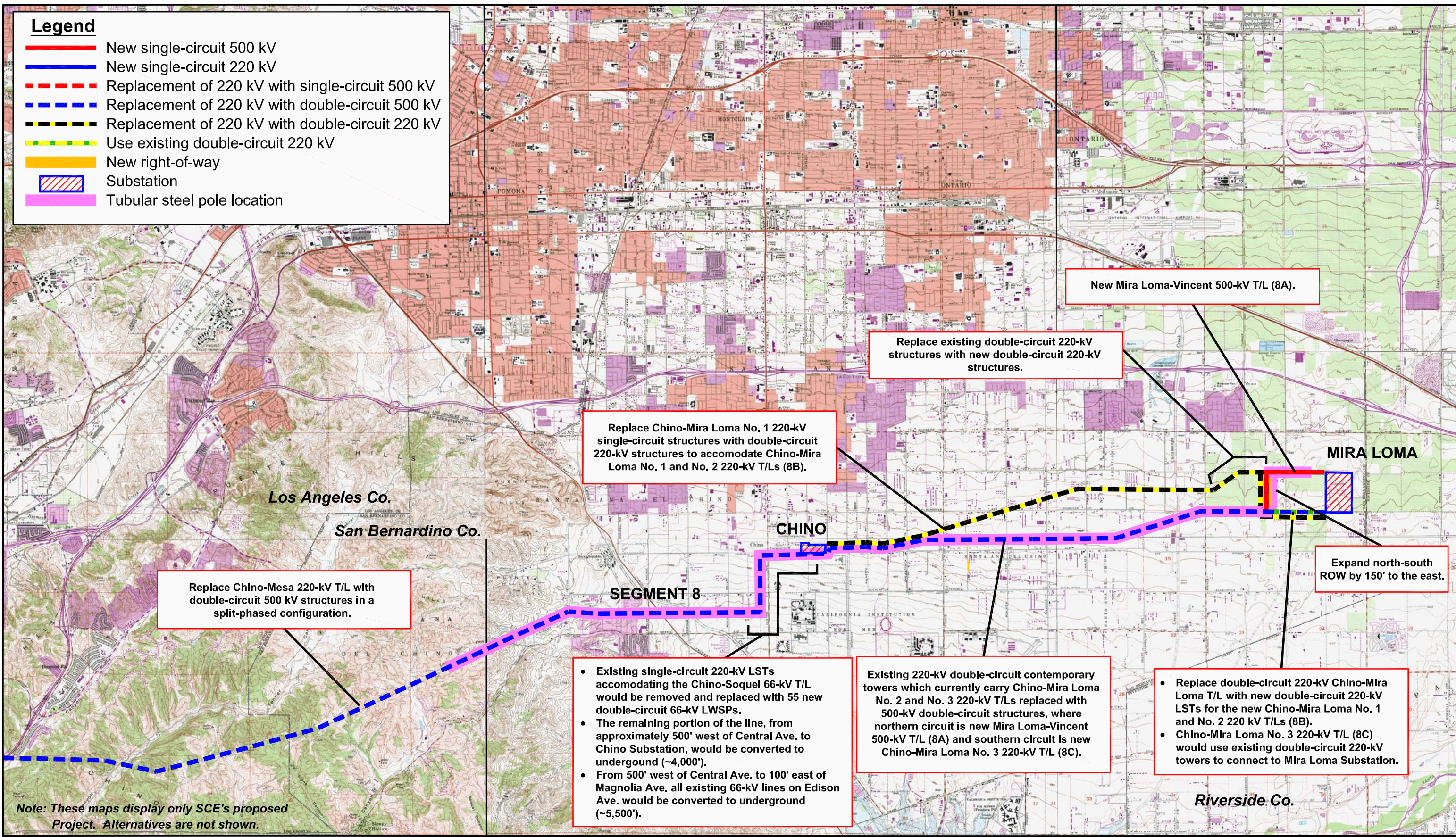


**Legend**

- New single-circuit 500 kV
- New single-circuit 220 kV
- - - Replacement of 220 kV with single-circuit 500 kV
- - - Replacement of 220 kV with double-circuit 500 kV
- - - Replacement of 220 kV with double-circuit 220 kV
- - - Use existing double-circuit 220 kV
- New right-of-way
- Substation
- Tubular steel pole location



Replace Chino-Mesa 220-kV T/L with double-circuit 500 kV structures in a split-phased configuration.

Replace Chino-Mira Loma No. 1 220-kV single-circuit structures with double-circuit 220-kV structures to accommodate Chino-Mira Loma No. 1 and No. 2 220-kV T/Ls (8B).

Replace existing double-circuit 220-kV structures with new double-circuit 220-kV structures.

New Mira Loma-Vincent 500-kV T/L (8A).

Expand north-south ROW by 150' to the east.

- Existing single-circuit 220-kV LSTs accommodating the Chino-Soquel 66-kV T/L would be removed and replaced with 55 new double-circuit 66-kV LWSPs.
- The remaining portion of the line, from approximately 500' west of Central Ave. to Chino Substation, would be converted to underground (~4,000').
- From 500' west of Central Ave. to 100' east of Magnolia Ave. all existing 66-kV lines on Edison Ave. would be converted to underground (~5,500').

Existing 220-kV double-circuit contemporary towers which currently carry Chino-Mira Loma No. 2 and No. 3 220-kV T/Ls replaced with 500-kV double-circuit structures, where northern circuit is new Mira Loma-Vincent 500-kV T/L (8A) and southern circuit is new Chino-Mira Loma No. 3 220-kV T/L (8C).

- Replace double-circuit 220-kV Chino-Mira Loma T/L with new double-circuit 220-kV LSTs for the new Chino-Mira Loma No. 1 and No. 2 220 kV T/Ls (8B).
- Chino-Mira Loma No. 3 220-kV T/L (8C) would use existing double-circuit 220-kV towers to connect to Mira Loma Substation.

Note: These maps display only SCE's proposed Project. Alternatives are not shown.



Scale: 1" = 6,000'  
 Date: December 5, 2008  
 File: 1243\_Routemap5.dwg

