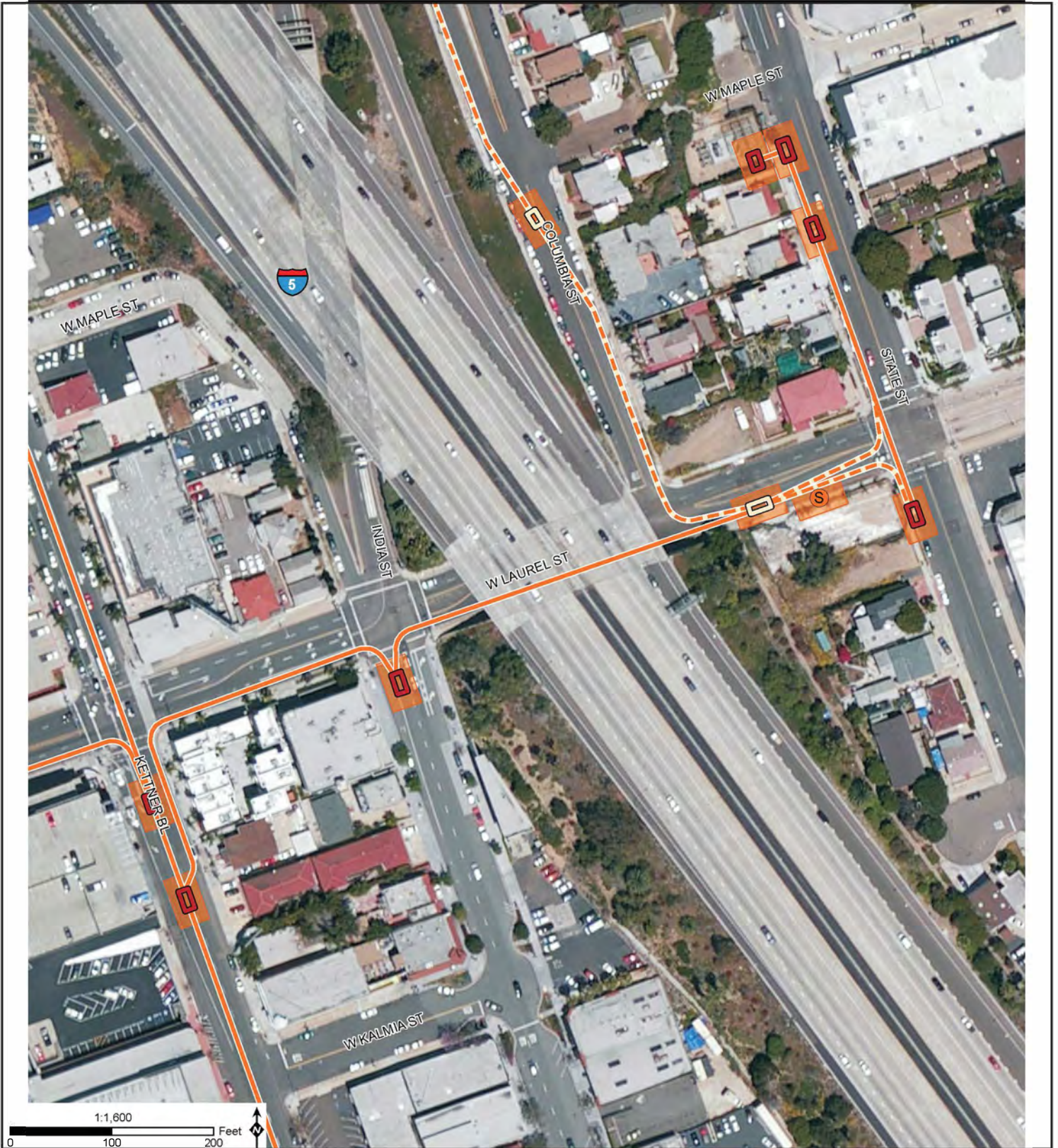




























**Vine Substation Project**  
**B.1 PROJECT DESCRIPTION**



Source: SDG&E, 2015f.

- |                                                                                                                                    |                                                                                                                          |                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
|  Proposed Vine 69/12 kV Substation              |  Existing Pole                        |  Existing 69 kV Overhead                         |
|  Existing Kettner Substation                    |  Install New TSP                      |  Existing 69 kV Overhead to be Removed           |
|  Transmission Work Area                         |  Replace Existing Pole with TSP       |  Proposed 69 kV Overhead                         |
|  Jackand-Bore Work Area                         |  Remove Existing Pole                 |  Existing 12 kV Duct Bank                        |
|  Existing 12 kV Distribution Vault              |  Remove Existing Stub Guy Pole        |  Proposed 12 kV Underground                      |
|  Proposed 12 kV Distribution Vault              |  Potential AT&T Interconnection Point |  Proposed Optional 12 kV Realignment             |
|  Proposed Optional 12 kV Distribution Vault     |  Proposed Capacitor                   |  Proposed 12 kV and Telecommunications Duct Bank |
|  Proposed Telecommunication Handhole            |  Proposed Switch                      |  Proposed Telecommunications Duct Bank           |
|  Proposed 12 kV Distribution Pull Site          |                                                                                                                          |                                                                                                                                     |
|  Proposed Optional 12 kV Distribution Pull Site |                                                                                                                          |                                                                                                                                     |

Note: Underground alignments area preliminary and will not be finalized until final engineering is complete.



**Figure B.1-3f: Detailed Project Components**