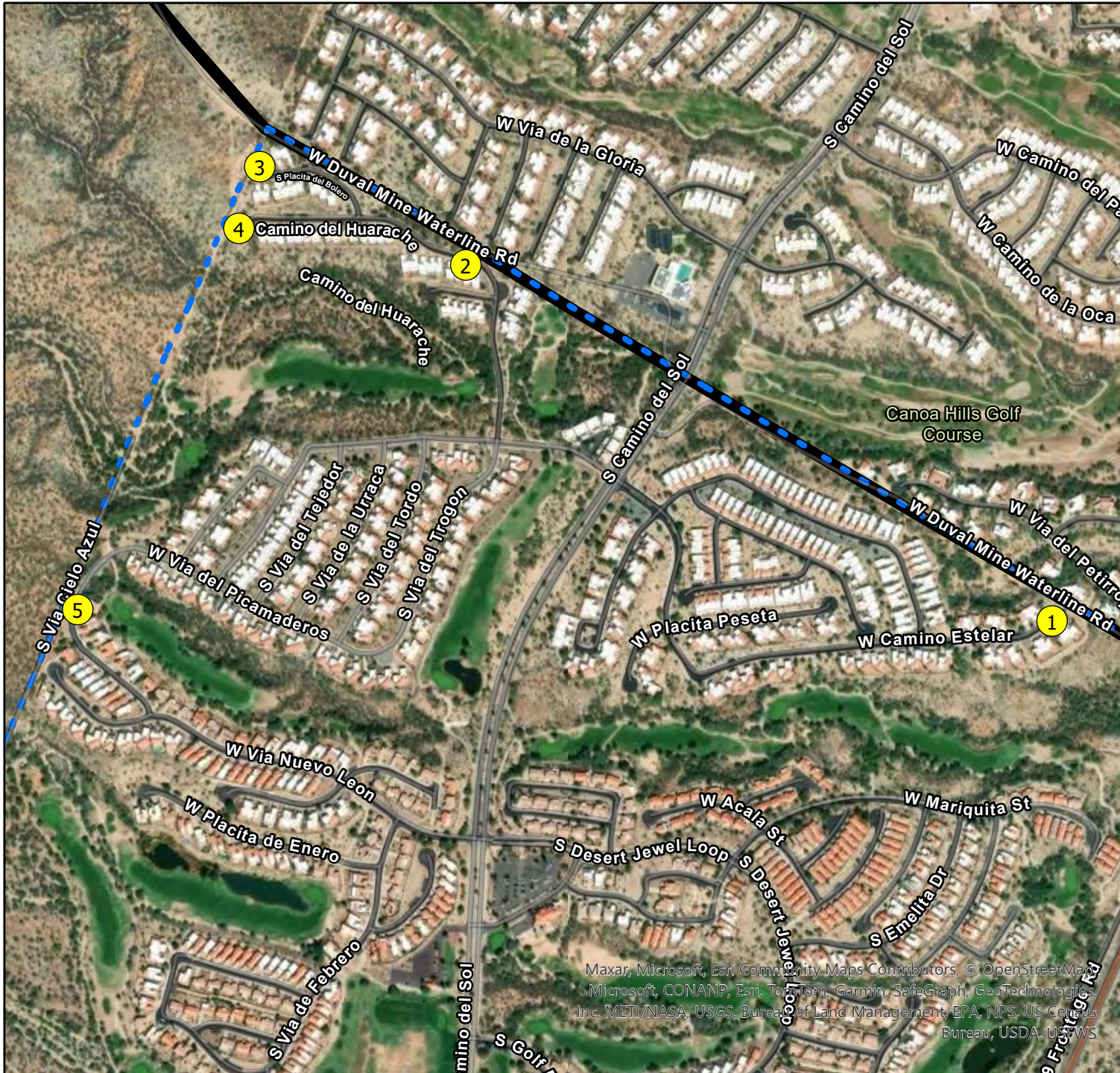
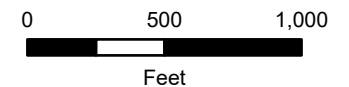




Existing Facilities

Santa Cruz Reliability Project - North

-  Existing 138 kV Line
-  Existing 46 kV Line
-  Photo Point



Sources: Esri, UNS, TEP, BLM,
and Pima County GIS.
Projection: NAD 1983 UTM Zone 12N
Basemap: Esri World Imagery

This map is for planning purposes only. TEP and
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Bureau, USDA, USFWS

Photo 1 – Existing double circuit 138kV and 46kV line



Photo 2 – Existing double circuit 138kV and 46kV line



Photo 3 – Existing single circuit 46kV line, with distribution circuit



Photo 4 – Existing single circuit 46kV line, with distribution circuit



Photo 5 – Existing single circuit 46kV line, with distribution circuit



46kV sub-transmission circuit

Lower voltage distribution circuit (provides service to homes)