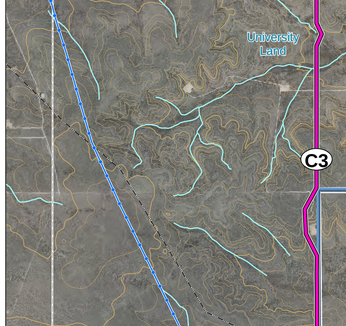
Route	Link Combination
1	A-B-E-F-M-R-W-X-Y
2	A-C-G-I-K-O-X2-Z2-P-Q-W-X-Y
3	A-C-G-I-K-O-X2-Z2-R1-S1-W1-B3-G2-J2
4	A-C-G-I-K-L-M-R-W-X-Y
5	A-B-E-J-K-O-X2-Z2-P-Q-W-X-Y
6	A-C-D-E-J-K-O-Y2-Z2-P-U-V-X-Y
7	A-B-E-J-K-O-Y2-Z2-P-U-X1-B3-G2-J2
8	A-B-E-F-M-N-T-Y
9	A-C-D-E-F-M-R-S-T-Y
10	Z-B1-C1-F1-H1-J1-M1-P1-Q1-S1-W1-B3-G2-J2
11	A-C-G-I-K-O-X2-Z2-P-Q-S-T-Y
12	A-B-H-G1-H1-J1-M1-P1-Q1-S1-W1-B3-G2-J2
13	Z-A1-C1-F1-H1-J1-M1-P1-T1-C2-D2-E2-F2-Z1-G2-J2
14	A-C-G-G1-H1-J1-M1-P1-T1-C2-D2-K2-L2-I2-J2
15	Z-B1-C1-F1-H1-J1-M1-P1-T1-C2-D2-K2-N2-O2-P2-Q2-R2
16	Z-A1-C1-F1-H1-J1-M1-P1-T1-C2-D2-K2-N2-O2-V2-W2-R2
17	Z-A1-C1-F1-H1-I1-O-X2-Z2-P-U-V-X-Y
18	Z-B1-D1-L1-N1-O1-P1-Q1-S1-V1-Y1-F2-H2-M2-Q2-R2
19	Z-A1-C1-F1-H1-J1-M1-P1-Q1-S1-V1-U1-C2-B2-S2-U2-W2-R2
20	Z-B1-C1-E1-C3-L1-N1-A2-S2-T2-O2-P2-Q2-R2
21	Z-A1-C1-E1-A3-K1-N1-A2-S2-U2-W2-R2
22	Z-A1-C1-E1-A3-D3-M1-P1-Q1-S1-W1-B3-G2-J2
23	A-B-E-J-K-O-X2-Z2-R1-S1-W1-B3-G2-J2
24	A-C-D-E-F-M-R-W-X-Y
25	Z-A1-C1-E1-A3-D3-M1-P1-T1-C2-D2-K2-N2-O2-V2-W2-R2



Project Components

- Study Area
- Project Endpoint
- A — Primary Alternative Route Segment, Label, and Node

Existing Utilities

- Substation
- 345-kV Transmission
- 138-kV Transmission
- 69-kV Transmission
- Pipeline (Greater than or equal to 6 in. diameter or unknown size)

Land Use

- 1 — Habitable Structure and Map ID within 500 Feet of a Primary Segment
- 400 — Cemetery and Map ID
- 300 — Communication Tower and Map ID
- 200 — Park or Recreation Area and Map ID

Transportation

- 100 — Public Airport and Map ID
- 101 — Private Airstrip and Map ID
- Runway
- Interstate Highway
- US Highway
- State Highway
- 1053 — Farm-to-Market Road
- Local / County Road
- Railroad
- Railroad: Abandoned

Water Resources

- River or Stream
- Canal or Ditch
- NWI (Emergent, Scrub-Shrub, Forested)

Land Management

- Parcel Group
- City Boundary
- County Boundary
- University Land

Elevation Contours

- 100 foot
- 20 foot
- Depression

Imagery: Project Imagery 2018

Some data layers including pipelines, roads, and oil/gas pipelines obtained from third-party sources may be inaccurate to varying degrees. These data have not been corrected in all locations and should be used as a general guide to feature locations only. Digitization of proposed transmission line segments was performed based on aerial interpretation of these features.

Bakersfield to Solstice 345-kV Transmission Line Project

Figure 4-1c
Habitable Structures and Other Land Use Features in the Vicinity of the Primary Alternative Routes

Date: 10/18/2018

0 0.5 1 2 3
Miles

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POWER ENGINEERS

Path: M:\Labs_Bakersfield_Solstice_LCRA_AEP\GIS\Maps\Exhibits_4-1_Inventory.mxd