

**JPS Feature Codes for Transmission Line Designs**

Row #	Feat. Code	Feature Description	Line From Feature Top To Bottom	Aerial Obstacle	Point is on Ground	Req Vert Clear 69kV (m)	Req Horiz Clear 69kV (m)	Req Vert Clear 138kV (m)	Req Horiz Clear 138kV (m)
1	198	Modified Survey Point	No	No	Yes	6.6137	0	6.7056	0
2	199	Geoland Survey Point	No	No	Yes	6.6137	0	6.7056	0
3	200	Survey point	No	No	Yes	6.4008	0	6.7056	0
4	201	Property Boundary	No	No	Yes	6.4008	0	6.7056	0
5	202	Property limit	No	No	Yes	6.4008	0	6.7056	0
6	203	Wire Fence	Yes	No	Yes	4.572	2.1336	4.8768	2.4384
7	204	Link Fence	Yes	No	Yes	4.572	2.1336	4.8768	2.4384
8	205	Zinc Fence	Yes	No	Yes	4.572	2.1336	4.8768	2.4384
9	206	Wall	Yes	No	Yes	4.572	2.1336	4.8768	2.4384
10	208	Tree Type 1	Yes	No	Yes	3.048	1.524	3.6576	1.8288
11	210	Tree Type 2	Yes	No	Yes	3.048	1.524	3.6576	1.8288
12	218	Proposed Light Angle Transmission pole	Yes	No	Yes	2.7432	2.1336	3.048	2.4384
13	219	Rerouted Proposed Transmission pole	Yes	No	Yes	2.7432	2.1336	3.048	2.4384
14	220	Existing Distribution pole	Yes	No	Yes	2.7432	2.1336	3.048	2.4384
15	221	Proposed Distribution pole	Yes	No	Yes	2.7432	2.1336	3.048	2.4384
16	222	Existing Transmission pole	Yes	No	Yes	2.7432	2.1336	3.048	2.4384

17	223	Proposed Transmission pole	Yes	No	Yes	2.7432	2.1336	3.048	2.4384
18	224	Angle Station Circuit "A" (Corner)	No	No	Yes	6.4008	0	6.7056	0
19	225	Angle Station Circuit "B"	No	No	Yes	6.4008	0	6.7056	0
20	226	Existing Guy	No	No	Yes	0	0	0	0
21	227	Proposed Guy	No	No	Yes	0	0	0	0
22	230	Telephone cable	Yes	Yes	No	2.7432	2.1336	3.048	2.4384
23	231	Low voltage cable	Yes	Yes	No	3.048	2.1336	3.3528	2.7432
24	232	Medium voltage cable	No	Yes	No	3.048	2.1336	3.3528	2.7432
25	234	Surveyed cable	No	Yes	No	0	0	0	0
26	240	Track or footpath	No	No	Yes	5.3945	0	5.8213	0
27	241	Country road	No	No	Yes	6.6137	0	7.0405	0
28	242	Minor road	No	No	Yes	6.6137	0	7.0405	0
29	243	Edge of Asphalt Minor road	No	No	Yes	0	0	0	0
30	244	Major road	No	No	Yes	0	0	0	0
31	245	Edge of Asphalt Major road	No	No	Yes	0	0	0	0
32	246	Kerb Wall	No	No	Yes	0	0	0	0
33	247	Road Reservation	No	No	Yes	0	0	0	0
34	248	Gully/Drain	No	No	Yes	0	0	0	0
35	249	Railway	No	No	Yes	9.0521	0	9.4789	0
36	250	Building	No	No	No	0	0	0	0
37	260	Bridge	No	No	Yes	0	0	0	0
38	270	Aerial Obstacle(Billboards)	No	No	Yes	0	0	0	0
39	280	Underground Cable	No	No	Yes	0	0	0	0
40	281	Underground Water Pipe	No	No	Yes	0	0	0	0

41	300	Fire Hydrant	No	No	Yes	0	0	0	0
42	400	Freeway	No	No	Yes	6.8881	0	7.1628	0
43	401	Marsh/Swamp	No	No	Yes	6.4008	0	7.62	0
44	402	Large body of water	No	No	Yes	13.716	0	14.019	0
45	403	River	No	No	Yes	13.716	0	14.019	0