

Attachment H – Backhaul Network Information

Below is a diagram of the City’s suggested microwave network layout. If the Contractor cannot complete the network as shown, the Contractor must provide a detailed reason why the City’s suggested layout is not feasible and must provide a fully feasible microwave network design.

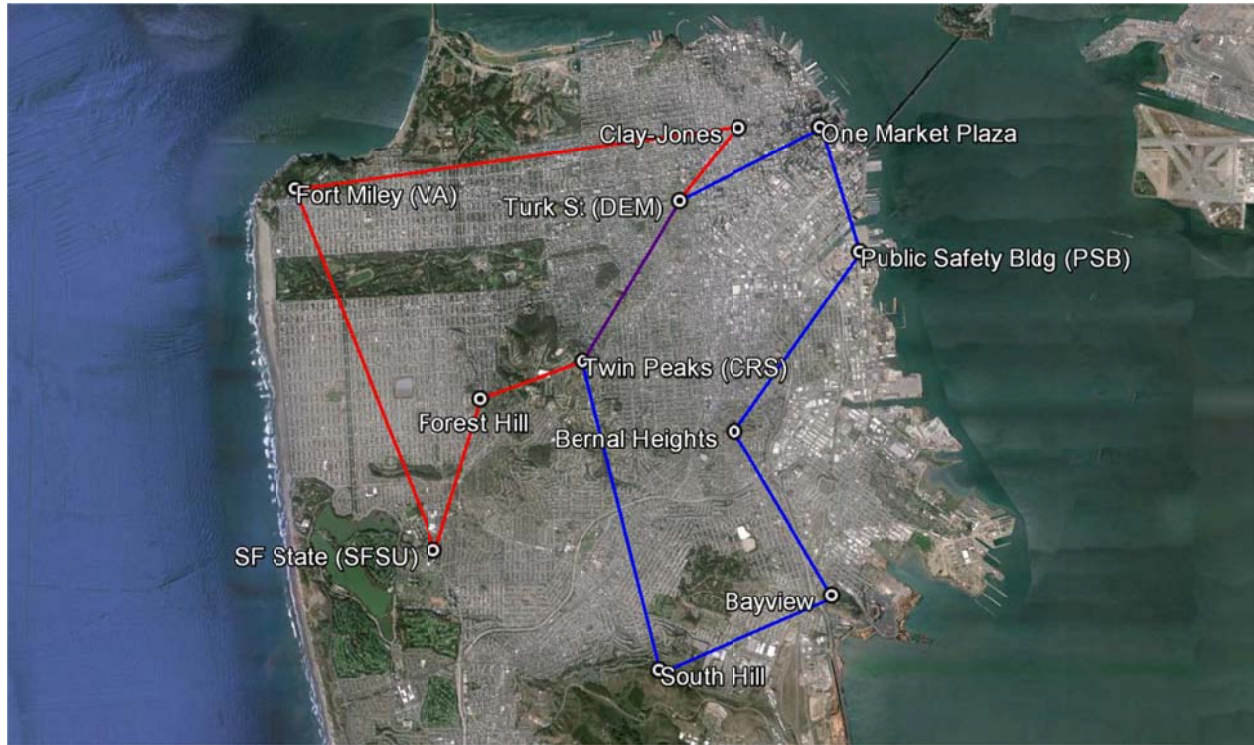


Figure 1 – Conceptual Backhaul Network Diagram

Table 1 - Site Latitude/Longitude

Site	Name	Latitude	Longitude
1	Bernal Heights	37 44 35.4	122 24 52.7
2	Clay-Jones	37 47 34.8	122 24 49.1
3	Twin Peaks (CRS)	37 45 16.4	122 26 46.3
4	Forest Hill	37 44 54.5	122 28 02.1

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Site	Name	Latitude	Longitude
5	Fort Miley	37 46 58.3	122 30 21.3
6	One Market Plaza	37 47 35.3	122 23 48.7
7	SF State (SFSU)	37 43 25.2	122 28 36.4
8	South Hill	37 42 14.2	122 25 44.9
9	Turk St	37 46 51.2	122 25 33.8
10	Public Safety Building (PSB)	37 46 21.4	122 23 19.7
11	Bayview	37 42 58.7	122 23 41.1

Table 2 - Site Latitude/Longitude

Link	Link Name	Path Length (miles)	Frequency (GHz)
1	Ft. Miley to SFSU	4.4	11.2
2	SFSU to Forest Hill	1.8	18.7
3	Forest Hill to CRS	1.2	18.7
4	CRS to South Hill	3.6	18.7
5	South Hill to Bayview	2.1	18.7

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Link	Link Name	Path Length (miles)	Frequency (GHz)
6	Bayview to Bernal Heights	2.1	11.2
7	Bernal Heights to PSB	2.5	11.2
8	PSB to One Market Plaza (Existing Hop)	1.5	18.7
9	One Market Plaza to DEM	1.9	18.7
10	DEM to CRS	2.1	18.7
11	DEM to Clay-Jones	1.1	18.7
12	Clay-Jones to Ft Miley	5.1	11.2