

## Appendix B

Project	370th	362nd	Bluff	Edelweiss	Hudson	Jacoby	Langensand	Mt. Shadows	Trubel
<b>Materials</b>									
Mainline Distance (ft)	2356	5517	6606	2892	2263	1413	3153	10107	10628
Drop Count	19	21	65	28	24	14	21	80	53
Distance (ft) w/15% Buffer	7000	7524	19599	5324	11313	5461	9878	9106	22391
Terminal Count	15	8	23	14	8	6	7	42	19
Req PON Ports	1	1	3	1	1	1	1	3	2
Average Homes Per Mile	14	15	18	28	11	14	11	46	12
<b>Costs</b>									
Total Mainline Cost	\$ 22,302.06	\$ 52,215.87	\$ 62,523.97	\$ 27,375.84	\$ 21,415.81	\$ 13,371.80	\$ 29,847.05	\$ 95,666.06	\$ 100,595.13
Total Drop Cost	\$ 52,568.75	\$ 56,503.06	\$ 147,188.01	\$ 39,980.93	\$ 84,958.74	\$ 41,009.21	\$ 74,180.68	\$ 68,386.74	\$ 168,155.32
Total Terminal Cost	\$ 7,901.55	\$ 4,214.16	\$ 5,215.71	\$ 3,174.78	\$ 1,814.16	\$ 1,360.62	\$ 1,587.39	\$ 9,524.34	\$ 4,308.63
Total OLT Cost	\$ 1,018.66	\$ 1,018.66	\$ 3,055.97	\$ 1,018.66	\$ 1,018.66	\$ 1,018.66	\$ 1,018.66	\$ 3,055.97	\$ 2,037.32
Total Project Cost (100% Build)	<b>\$ 68,791.02</b>	<b>\$ 98,951.75</b>	<b>\$ 217,983.66</b>	<b>\$ 71,550.21</b>	<b>\$ 109,207.36</b>	<b>\$ 56,760.28</b>	<b>\$ 106,633.77</b>	<b>\$ 176,633.12</b>	<b>\$ 275,096.40</b>
Average Cost Per Sub	\$ 4,069.79	\$ 5,161.20	\$ 3,802.80	\$ 3,004.57	\$ 4,999.52	\$ 4,503.52	\$ 5,527.01	\$ 2,657.12	\$ 5,639.71
<b>Return</b>									
ROI Years (500Mbps)	5	7	5	4	6	6	7	3	7
ROI Years (1000Mbps)	4	5	4	3	5	4	5	3	6