

Full Featured Option	Regional Campus Break-out							
Calculated Cost Averages							Comments	
per OSP upgrade	\$13,849.43						SM fiber to MDF	
per cable rewire	\$274.95						includes closet hardware/cabling/faceplate & jack	
per 2950 TX port	\$99.05						includes uplink costs	
	Avery Point	Hartford	Law	Stamford	Torrington	Total		
Total # of current data jacks	2121	1240	1950	1140	205	6656		
Estimate # of current voice jacks	805	471	741	433	79	2529	based on a voice to data ratio of 38%	
Total # of projected data jacks	2607	1763	2637	1254	307	8568	based on 10-50% growth in admin	
Total # of projected voice jacks	990	669	1002	476	118	3255		
Projected data jack growth total	486	523	687	114	102	1912	to meet current UITS standards	
Projected voice jack growth total	185	198	261	43	39	726	to meet current UITS standards	
Data jacks to be upgraded/new	1597	1523	2449	1254	257	7080	based on projected totals minus existing compliant cabling	
Voice jacks to be upgraded/new	654	580	861	476	118	2689	based on projected totals minus existing compliant cabling	
Data ports to be upgraded/new	1597	1523	687	1254	307	5368	based on projected totals minus existing equipment	
Total # of buildings to be upgraded to SM (OSP)	4	3	3	0	0	10		
Equipment Costs								
Edge port upgrades	\$158,176.95	\$150,847.53	\$68,044.81	\$124,204.07	\$30,407.22	\$531,680.58		
Core & distribution upgrades	\$130,200.00	\$93,800.00	\$93,800.00	\$82,600.00	\$74,200.00	\$474,600.00	c6500s, c3350, GBICs and fiber (Redundancy, NAM, FW, SupIII)	
Environmentals (UPSs & RPSs)	\$20,000.00	\$25,000.00	\$25,000.00	\$15,000.00	\$15,000.00	\$100,000.00	for core, distribution and aggregate sites only	
Wireless Technology Costs								
Design & equipment	\$50,000.00	\$30,000.00	\$30,000.00	\$25,000.00	\$15,000.00	\$150,000.00	based on coverage for general/common areas (inside & outside)	
Installation & mounting	\$50,000.00	\$30,000.00	\$30,000.00	\$25,000.00	\$15,000.00	\$150,000.00	based on \$1000/access point and \$1000/ap for jack, mounting and installation	
Building Infrastructure Costs								
Wiring & ISP upgrades	\$618,902.52	\$578,210.58	\$910,069.90	\$475,655.87	\$103,104.60	\$2,685,943.47		
OSP/fiber upgrades	\$55,397.71	\$41,548.29	\$41,548.29	\$0.00	\$0.00	\$138,494.28		
Closet Construction	\$200,000.00	\$140,000.00	\$140,000.00	\$40,000.00	\$40,000.00	\$560,000.00	based on \$20,000 per closet	
External Services Costs								
Design Consulting	\$120,000.00	\$45,000.00	\$45,000.00	\$15,000.00	\$105,000.00	\$330,000.00	based on \$15,000 per building (where needed)	
Project Management	\$60,000.00	\$22,500.00	\$22,500.00	\$7,500.00	\$52,500.00	\$165,000.00	based on \$7,500 per building (where needed)	
Sub-totals	\$1,462,677.19	\$1,156,906.39	\$1,405,963.00	\$809,959.94	\$450,211.81	\$5,285,718.34		
GRAND TOTAL								