

Plainfield Broadband Capital Revenue and Expenses		Forecast as of 3/12/2019	Actuals as of 1/2021			
Expenses by Vendor	Description	All Premises	Actuals	Variance Over or (Under)	Variance Notes	Category code
Verizon	Make Ready	\$ 206,374	\$ 227,432	\$ 21,058	Verizon MR work higher than estimated	VZ
Eversource	Make Ready	\$ 198,082	\$ 65,767	\$ (132,315)	Eversource MR work substantially lower than estimated	ES
White Mountain Cable	Network labor	\$ 714,871	\$ 689,444	\$ (25,427)	We deducted \$37,853.64 from WMC fixed price contract to remove police details form their scope of work, and then added pole sets and some wire transfers.	WMC
WG+E	Professional Services (design, engineering, procurement, owners project management) and Construction Network materials, Drop Labor & Materials) and Hub (site work for hub, hub racks and electronics)	\$ 1,028,287	\$ 1,087,550	\$ 59,263	We increased WG+E scope of work to assist with hub site work; we purchased the hub structure through WG+E instead of direct from the manufacturer (as part of a group pricing effort), the hub electronics came in higher than budgeted and we purchased more materials, so incurred more overhead. We also had a few design changes that required added engineering costs.	WGE
Professional Services	Expenses for lawyers, bonding, surveying, etc.	\$ -	\$ 15,796	\$ 15,796	We did not orginally budget for legal fees for review of all of the various contract documents, as well as unexpected survey work due to Eversource issues at the hub site, etc. We also paid Hanover Insurance for pole bonds during construction phase out of capital funds. Ongoing annual pole bonds are paid out of operations budget.	PS
Other Contractors	Crane for Hub, Erwin Electric, Propane, Tree Trimming	\$ 93,713	\$ 18,297	\$ (75,416)	Substantially underbudget, offset with increased work by WG+E. Hub structure was originally budgeted as direct payment but was passed through WG+E.	OC
Traffic Details	Traffic Details	\$ -	\$ 69,357	\$ 69,357	Substantially over budget. We carried approximately \$38K in White Mountain Cable contract for traffic details , and then pulled this work out of their scope after the first month of construction at WMC request. Majority of this work was done by Plainfield police department, with 9K billed by outof town police. Plainfield Police chief did not charge broadband department for cruiser time at \$15/hour or the 10% admin fee, did charge \$61K in hourly rates for Plainfield officers.	TC
Contingency	Contingency Allowance for unforeseen costs during construction	\$ 25,575	\$ -	\$ (25,575)	see overages in other line items above offset by underages above.	CO
<b>Total Expenses</b>	<b>Including cost of Plainfield network and Windsor backbone</b>	<b>\$ 2,266,901</b>	<b>\$ 2,173,644</b>	<b>\$ (93,257)</b>		
Detail of WGE Expenses by category	Description	All Premises	Actuals	Variance		Category code
Design Labor	CAD, BOM, etc.	\$ 91,605	\$ 97,949	\$ 6,344		WD
Pole Application Processing	Work with utilities	\$ 10,560	\$ 10,560	\$ -	on target	WPA
Pole Installation	Install town-owned poles (Union Street, Governor Street, Maple Street)	\$ 15,334	\$ 41,827	\$ 26,493	we ended up installing 16 town owned poles instead of 3 initially	WPI
Construction Procurement	Public bid and contract award process	\$ 8,824	\$ 11,332	\$ 2,508	increased costs due to lag between original schedule for procurement and actual bidding time (18 months later)	WCP
Hub Materials	Racks, passive and active optoelectronics	\$ 106,495	\$ 191,370	\$ 84,875	substantially over budget, electronics pricing is driver	WHM
Hub Labor/Project Management	Shelter outfitting, equip installation, rentals, etc.	\$ 22,625	\$ 26,208	\$ 3,583	slightly over budget	WHL
Network Materials	Surplus materials sold to Plainfield - Fiber, MSTs, etc.	\$ 306,126	\$ 327,652	\$ 21,526	We ended up purchasing more materials for drops than initially budgeted	WM
Network Labor	WGE pass-thru for other network construction and repair labor during construction phases	\$ 15,000	\$ 4,350	\$ (10,650)	under budget	WL
Drop and Interior Materials	Drop cables, NID, ONT, interior wiring, etc.	\$ 106,261	\$ 93,920	\$ (12,341)	under budget - budget we did not build 100% of premises	WDM
Drop and Interior Labor	Install drop cables, interior install	\$ 249,123	\$ 198,689	\$ (50,434)	substantially under budget - but we did not build 100% of premises	WDL
Operational costs on materials	Storage of materials for Plainfield Insurance, warehouse space, rental of POD, etc.	\$ 13,009	\$ 22,933	\$ 9,924	In addition to WCF's 4.32% fee on materials (to cover their costs insure while holding in warehouse and to handle) we had delivery costs and a monthly POD rental fee that were not originally budgeted	WOM
Construction Project Management	Oversight of network build, drops, and customer installs	\$ 83,326	\$ 60,760	\$ (22,566)	under budget; may receive one final bill	WPM
<b>Total Expenses</b>	<b>Including cost of Plainfield network and Windsor backbone</b>	<b>\$ 1,028,287</b>	<b>\$ 1,087,550</b>	<b>\$ 59,263</b>		
Expenses by Component		All Premises	Actuals	Variance		Category code
Design and Engineering	Data collection/route validation/pole attachment heights (pole survey);strand maps, fiber and splice design	\$ 91,605	\$ 111,389	\$ 19,784		DE
Project Management	Procurement and construction phase oversight of network distribution and drop contractors	\$ 86,952	\$ 69,886	\$ (17,066)		PM
Make Ready	Fees to Eversource and Verizon (license application, make ready); installation of town-owned poles; pole bonds FY2018, FY 2019, legal fees related to pole attachment agreement negotiation; tree clearing for town owned poles, pole application processing by WG+E	\$ 458,630	\$ 359,969	\$ (98,661)		MR

Plainfield Broadband Capital Revenue and Expenses		Forecast as of 3/12/2019	Actuals as of 1/2021		
Telecommunications Hub	Site work, access road, hub structure, generator, a/c, propane, interior racks and electronics	\$ 214,553	\$ 227,630	\$ 13,077	TH
Fiber Network	labor and materials to string fiber from hub to "curb" passing every premise	\$ 1,059,777	\$ 1,099,955	\$ 40,178	FN
Service Drops and Interior Installation	Labor and materials to string fiber from MST at "curb" to NID (to outside of premise) Labor and materials to connect NID to ONT and router (from outside to inside premise), standard installation, nominal interior wiring, phone setup	\$ 355,383	\$ 304,814	\$ (50,569)	DI
<b>Total Expenses</b>	<b>Including cost of Plainfield network and Windsor backbone</b>	<b>\$ 2,266,901</b>	<b>\$ 2,173,644</b>	<b>\$ (93,257)</b>	
<b>Windsor Network Reimbursements</b>					
Make ready	reimbursed by Windsor	\$ 21,057	\$ 16,130	\$ (4,927)	WMR
Police details, MR & construction	reimbursed by Windsor	\$ -	\$ 3,754	\$ 3,754	WPD
Network materials	reimbursed by Windsor	\$ 25,002	\$ 25,002	\$ -	WNM
Network materials, WGE operational costs	reimbursed by Windsor	\$ 1,080	\$ 1,080	\$ -	FNW
Network labor	reimbursed by Windsor	\$ 34,564	\$ 34,564	\$ -	WNL
Procurement	reimbursed by Windsor	\$ 432	\$ 432	\$ -	PRW
Project Management	reimbursed by Windsor	\$ 4,765	\$ 3,574	\$ (1,191)	PMW
<b>Total Plainfield Expenses on behalf of Windsor</b>		<b>\$ 86,901</b>	<b>\$ 84,536</b>	<b>\$ (2,365)</b>	
<b>Total Cost of Plainfield Network</b>		<b>\$ 2,180,001</b>	<b>\$ 2,089,108</b>	<b>\$ (90,893)</b>	
Est cost to complete drops/installs for occupiable residential premises			\$ 34,085		From <a href="https://docs.google.com/spreadsheets/d/1JKv868WX/">https://docs.google.com/spreadsheets/d/1JKv868WX/</a>
Cost for full build-out		\$ 2,180,001	\$ 2,123,193	\$ (56,808)	
<b>Revenue by Source</b>					
		<b>All Premises</b>	<b>Actuals</b>		
2015 Town Borrowing Autho	May 2015 Annual Town Meeting authorized borrowing <b>UP TO</b> \$1.13M	\$1,130,000	\$1,130,000		
2017 Last Mile Grant	EOHED May 2017 Award, less completion holdback	\$632,500	\$632,500		
2018 Last Mile Grant	EOHED May 2017 Award completion holdback	\$17,500	\$17,500		
2019 Town Borrowing Autho	March 2019 Special Town Meeting authorized borrowing <b>UP TO</b> \$400,000 to ensure sufficient funds available to proceed with the project	\$400,000	<b>\$400,000</b>		
Town of Windsor	For "backbone" to help Windsor reach Windsor residents through Windsor Pond access road, West Street, Windsor Avenue (make ready and network distribution, 112 poles)	\$86,901	\$84,536		WI
Last-mile drop cost grant	\$500 ea for up to 70% of installed premises (cold drops included) - maximum award for Plainfield is 139000 (397 total premises, * 70% = 278 eligible * \$500)	\$0	\$139,000		Drop Funding awarded in June 2019, was not initially expected
CARES ACT/FEMA	Reimbursement for pandemic-related expenses such as public WiFi install costs at Pavilion	\$0	<b>\$3,100</b>		CARES ACT/FEMA funding used for pavillion costs
<b>Total Committed Sources</b>		<b>\$2,266,901</b>	<b>\$2,406,636</b>		
Excesss (deficit) in funding		<b>\$0</b>	<b>\$232,992</b>		
<b>Amount needed from the 2019 borrowing authorization</b>		<b>\$400,000</b>	<b>\$167,008</b>		