

**Stanton Telecom Inc.\_CrownRd\_Attachement H**

**Opinion of Probable Cost**

OPINION OF PROBABLE CONSTRUCTION COST - SUMMARY

	Route Miles including drops	OSP Mainline	Electronics	Engineering	Total	
CrownRd FTTP Project	2.49	\$ 121,700	\$ 13,500	\$ 32,450	\$ 167,650	
		Total Grant amount requested:			50%	\$ 83,825
		Stanton Telephone Matching Funds Commitment			50%	\$ 83,825
		Total Project Funds				\$ 167,650

Notes:

1. Above costs assumes all rural mainline and drop cables will be direct buried.
2. Engineering costs were estimated as a percentage of construction and are meant to include typical services provided by RVW in projects of this type. Actual costs would depend on services performed.
3. Above Engineering costs did NOT include Engineering services to generate any Government/RUS applications to obtain grant or loan funds.
4. Above costs assume use of GPON technology.
5. Above costs considered placing a drop and NID installation for each subscriber. **ALL Subscribers get Service.**
6. KEEP in mind that these costs are to be used for budgetary reasons and are not intended to be actual costs.
7. Staking of routes and subscribers would provide more accuracy in the budgets.
8. Above costs also include cutover installation services.
9. Above costs assumed HandHoles. Using Pedestals will reduce overall costs.
10. Above costs are meant to include shipping, taxes, and installation of all OSP material and all electronics.
11. Above costs assumed that Stanton will have on hand sufficient OLT ports and GPON lasers. The Electronics cost above is for ONTs and cutover.

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<b>Opinion of Probable Cost</b>				
<b>Crown Rd - OSP</b>	<u>Unit</u>	<u>Unit Qty</u>	<u>Unit Price</u>	<u>Local Extended Cost</u>
<b>OSP UNDERGROUND SUMMARY</b>				
Conduit				
Handholes		<u>8</u> ea	\$ 1,500	\$ <u>12,000</u>
				\$ 12,000
<b>OSP BURIED FIBER SUMMARY</b>				
BFO 288		1.34 mi	\$ 48,780	\$ 65,400
BFO 24		0.30 mi	\$ 18,980	\$ 5,700
FTTP 432 PON Cabinet		1 ea	\$ 8,500	\$ 8,500
HFBO		8 ea	\$ 800	\$ 6,400
Feeder Splices		60 ea	\$ 40	\$ 2,400
CO/RT Fiber Termination		<u>288</u> ea	\$ 55	\$ <u>15,900</u>
Local Buried Fiber:		1.64 mi		\$ 104,300
<b>OSP STATION INSTALLATION SUMMARY</b>				
	<u>Town</u>	<u>Rural</u>		
SEB:	18		0.85 mi	\$ 17,400
OSP Station Installation			18 ea	\$ 5,400
OSP Station Installation:				\$ 5,400
<b>OUTSIDE PLANT UPGRADE SUMMARY</b>				
		<u>Cable Construction</u>	<u>Route</u>	<u>Local Extended Cost</u>
		<u>2.49</u> mi	<u>2.49</u> mi	\$ <u>121,700</u>
<b>Crown Rd - OSP Subtotal</b>				\$ <u><u>121,700</u></u>

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<b>Proposed</b>	<b>Crown Rd. Electronics</b>		
COE & Electronics Equipment Description	Unit Qty	Unit Price	Extended Cost
Fiber To The Home - E7 Calix Equipment GPON OIM (GPON Laser)	1 ea	@ \$ 850	\$ 850
Fiber To The Home - Field Placement Fiber Optic Coupler - 1x32	1 ea	@ \$ 950	\$ 950
2-Line ONT (2-POTS, 4 GE)	18 ea	@ \$ 350	\$ 6,300
<b>Electronics Equipment - Subscriber Carrier Total</b>			<b>\$ 8,100</b>
<b>ONT Cutover</b>	<b>18 ea</b>	<b>@ \$ 300</b>	<b>\$ 5,400</b>
<b>Crown Rd. Electronics COE &amp; Electronics Probable Total</b>			<b>\$ 13,500</b>