

	<b>Total Budget Costs</b>				
	<b>State</b>	<b>Federal</b>	<b>MPDG</b>	<b>Total</b>	
	\$50,675,731	\$50,783,380	\$150,040,889	\$251,500,000	
<b>Percent of Total</b>	0.20149396	0.201921988	0.596584052	1	
<b>Roadway</b>	\$26,000,359	\$27,055,590	\$75,981,956	\$129,037,905	
<b>Structures</b>	\$17,674,251	\$17,711,796	\$52,329,986	\$87,716,033	
<b>Contingency</b>	\$7,001,109	\$7,015,981	\$20,728,909	\$34,746,000	
	\$50,675,719	\$51,783,368	\$149,040,852	\$251,499,938	
<b>Flood Gauge</b>	\$22,500	-	\$22,500	\$45,000	
<b>ITS Fiber</b>	\$3,891,280	-	\$3,891,280	\$7,782,560	
<b>ITS DMS</b>	\$600,000	-	\$600,000	\$1,200,000	
<b>ITS Cameras</b>	\$275,000	-	\$275,000	\$550,000	
<b>5-Year ITS O&amp;M Costs</b>	\$495,808	-	\$495,808	\$991,616	
<b>ITS Program Costs</b>	\$789,313	-	\$789,313	\$1,578,626	
<b>ITS Contingency (15%)</b>	\$907,710	-	\$907,710	\$1,815,420	
	\$6,981,611	-	\$6,981,611	\$13,963,222	
<b>Grand Total of Costs</b>	\$57,657,330	\$51,783,368	\$156,022,463	\$265,463,160	

	<b>Cost Per Mile</b>
<b>Roadway</b>	\$28,025,319.85
<b>Structures</b>	n/a
<b>Contingency</b>	\$7,546,369.91

## U-4700 Construction Costs

PROJECT	County (CT)	Census Tract	APP	HDC	Rural/Urban	Total Distance along US 321 (miles)	% Distance of Corridor	Number of Structures	Number of Flood Gauges	Roadway Cost Per Census Tract	Structures Cost Per Census Tract	Flood Gauge Cost Per Census Tract	O&M and Contingency	Total Project Cost Per Census Tract	Percent Cost per Census Tract	\$\$ Spent per person in the Census Tract	
U-4700A	Burke	211	NO	YES	Rural and Urban	0.28	6.0%	0.5	0	\$7,727,197.24	\$43,858,016.61	\$ -	\$2,080,700.20	\$53,665,914	21.33%	\$8,944.32	
U-4700A	Caldwell	314.02	NO	NO	Rural and Urban	0.87	18.9%	0	0	\$24,382,028.27	\$ -	\$ -	\$6,565,341.82	\$30,947,370	12.30%	\$9,218.76	
U-4700A	Caldwell	313	NO	NO	Rural and Urban	0.87	18.9%	0.5	0	\$ 24,382,028.27	\$43,858,016.61	\$ -	\$6,565,341.82	\$74,805,387	29.74%	\$8,393.78	
U-4700A	Catawba	106	NO	YES	Urban	1.78	38.7%	0	1	\$49,991,845.81	\$ -	\$45,000	\$13,461,290.11	\$63,498,136	25.24%	\$9,743.46	
U-4700A	Catawba	107	YES	YES	Urban	0.80	17.5%	0	0	\$22,554,805.44	\$ -	\$ -	\$6,073,326.05	\$28,628,131	11.38%	\$12,099.80	
<b>Total</b>						<b>4.60</b>	<b>100.0%</b>			<b>\$ 29,037,905.03</b>				<b>\$251,544,938</b>			
						<b>APP/HDC total %</b>	62.2%							<b>APP/HDC per census tract total %</b>	57.96%		

### US 321 Broadband Costs

County	Census Tract	APP	HDC	Rural/Urban	Total Distance along US 321 (miles)	Number of Anticipated Cameras	Number of Anticipated DMS	Fiber Cost Per Census Tract	DMS Cost Per Census Tract	Cameras Cost Per Census Tract	Sum of Fiber, DMS, and Cameras	5 Year O&M Cost	Program Cost	Contingency (15%)	Total Project Cost Per Census Tract	Percent Cost Per Census Tract
Burke	211	NO	YES	Rural and Urban	0.28	0	0	\$42,240.61	\$-	\$-	\$42,240.61	\$4,397.81	\$7,001.19	\$8,045.94	\$61,686	0.44%
Caldwell	303	YES	NO	Rural and Urban	0.60	0	0	\$92,145.20	\$-	\$-	\$92,145.20	\$9,593.54	\$15,272.65	\$17,551.71	\$134,563	0.97%
Caldwell	304	YES	YES	Urban	1.24	0	0	\$189,968.00	\$-	\$-	\$189,968.00	\$19,778.18	\$31,486.34	\$36,184.88	\$277,417	1.99%
Caldwell	305	NO	NO	Rural and Urban	1.49	0	0	\$227,829.69	\$-	\$-	\$227,829.69	\$23,720.09	\$37,761.74	\$43,396.73	\$332,708	2.39%
Caldwell	306	NO	NO	Urban	3.58	0	0	\$548,573.96	\$-	\$-	\$548,573.96	\$57,113.81	\$90,923.65	\$104,491.71	\$801,103	5.76%
Caldwell	313	NO	NO	Rural and Urban	2.25	0	0	\$344,065.75	\$-	\$-	\$344,065.75	\$35,821.80	\$57,027.34	\$65,537.23	\$502,452	3.61%
Caldwell	31202	NO	NO	Rural	0.72	0	0	\$110,417.98	\$-	\$-	\$110,417.98	\$11,495.97	\$18,301.28	\$21,032.29	\$161,248	1.16%
Caldwell	31402	NO	NO	Rural and Urban	2.25	0	0	\$344,065.75	\$-	\$-	\$344,065.75	\$35,821.80	\$57,027.34	\$65,537.23	\$502,452	3.61%
Caldwell	31403	YES	YES	Urban	1.90	0	0	\$290,799.64	\$-	\$-	\$290,799.64	\$30,276.09	\$48,198.73	\$55,391.17	\$424,666	3.05%
Catawba	106	NO	YES	Urban	1.78	0	0	\$273,279.69	\$-	\$-	\$273,279.69	\$28,452.03	\$45,294.87	\$52,053.99	\$399,081	2.87%
Catawba	107	YES	YES	Urban	0.80	0	0	\$123,295.51	\$-	\$-	\$123,295.51	\$12,836.70	\$20,435.67	\$23,485.18	\$180,053	1.29%
Catawba	11101	NO	NO	Rural and Urban	0.97	0	0	\$148,291.78	\$-	\$-	\$148,291.78	\$15,439.14	\$24,578.69	\$28,246.44	\$216,556	1.56%
Catawba	11102	NO	YES	Rural and Urban	4.29	5	2	\$656,861.85	\$400,000.00	\$125,000.00	\$1,181,861.85	\$123,047.47	\$195,888.26	\$225,119.64	\$1,725,917	12.41%
Catawba	11701	NO	YES	Rural and Urban	1.52	1	0	\$232,859.40	\$-	\$25,000.00	\$257,859.40	\$26,846.58	\$42,739.03	\$49,116.75	\$376,562	2.71%
Catawba	11702	NO	YES	Rural	7.02	3	0	\$1,074,742.43	\$-	\$75,000.00	\$1,149,742.43	\$119,703.41	\$190,564.61	\$219,001.57	\$1,679,012	12.07%
Gaston	315	YES	YES	Urban and Rural	0.42	0	1	\$64,167.59	\$200,000.00	\$-	\$264,167.59	\$27,503.34	\$43,784.58	\$50,318.33	\$385,774	2.77%
Gaston	31401	YES	YES	Urban	0.42	1	1	\$64,167.59	\$200,000.00	\$25,000.00	\$289,167.59	\$30,106.17	\$47,928.22	\$55,080.30	\$422,282	3.04%
Gaston	30301	NO	YES	Rural	4.17	3	0	\$638,182.18	\$-	\$75,000.00	\$713,182.18	\$74,251.71	\$118,206.72	\$135,846.09	\$1,041,487	7.49%
Gaston	30302	YES	YES	Rural	1.45	1	0	\$222,467.85	\$-	\$25,000.00	\$247,467.85	\$25,764.68	\$41,016.68	\$47,137.38	\$361,387	2.60%
Gaston	30401	NO	NO	Rural	0.54	0	0	\$83,382.01	\$-	\$-	\$83,382.01	\$8,681.17	\$13,820.19	\$15,882.51	\$121,766	0.88%
Gaston	30402	YES	YES	Rural and Urban	0.71	0.5	0	\$108,487.05	\$-	\$12,500.00	\$120,987.05	\$12,596.35	\$20,053.06	\$23,045.47	\$176,682	1.27%
Gaston	30901	YES	YES	Urban	1.30	1.5	0	\$198,875.35	\$-	\$37,500.00	\$236,375.35	\$24,609.80	\$39,178.15	\$45,024.50	\$345,188	2.48%
Lincoln	703	YES	YES	Rural and Urban	4.59	1.5	0	\$703,771.69	\$-	\$37,500.00	\$741,271.69	\$77,176.20	\$122,862.43	\$141,196.55	\$1,082,507	7.78%
Lincoln	704	NO	YES	Rural and Urban	0.34	0.5	0	\$52,844.96	\$-	\$12,500.00	\$65,344.96	\$6,803.28	\$10,830.63	\$12,446.83	\$95,426	0.69%
Lincoln	708	YES	YES	Rural and Urban	4.06	2	2	\$622,627.78	\$400,000.00	\$50,000.00	\$1,072,627.78	\$111,674.75	\$177,783.20	\$204,312.86	\$1,566,399	11.26%

Lincoln	70201	YES	YES	Urban	2.06	2	0	\$315,987.26	\$-	\$50,000.00	\$365,987.26	\$38,104.12	\$60,660.73	\$9,712.82	\$534,465	3.84%
<b>TOTAL</b>					<b>50.75</b>	<b>22</b>		<b>\$7,774,398.58</b>	<b>\$1,200,000.00</b>	<b>\$550,000.00</b>	<b>\$9,524,398.58</b>	<b>\$991,616.00</b>	<b>\$1,578,626.00</b>	<b>\$1,814,196.09</b>	<b>\$13,908,837</b>	
															<b>APP/HDC % per Mile</b>	<b>78.0%</b>

<b>Fiber cost per mile:</b>	\$153,200.00
<b>Cost per DMS:</b>	\$200,000.00
<b>Cost per Camera:</b>	\$25,000.00

\*Cost of fiber installation per census tract may be different from previous cost estimates due to discrepancies occurring during the measurement of the distances of each census tract along US 321.