

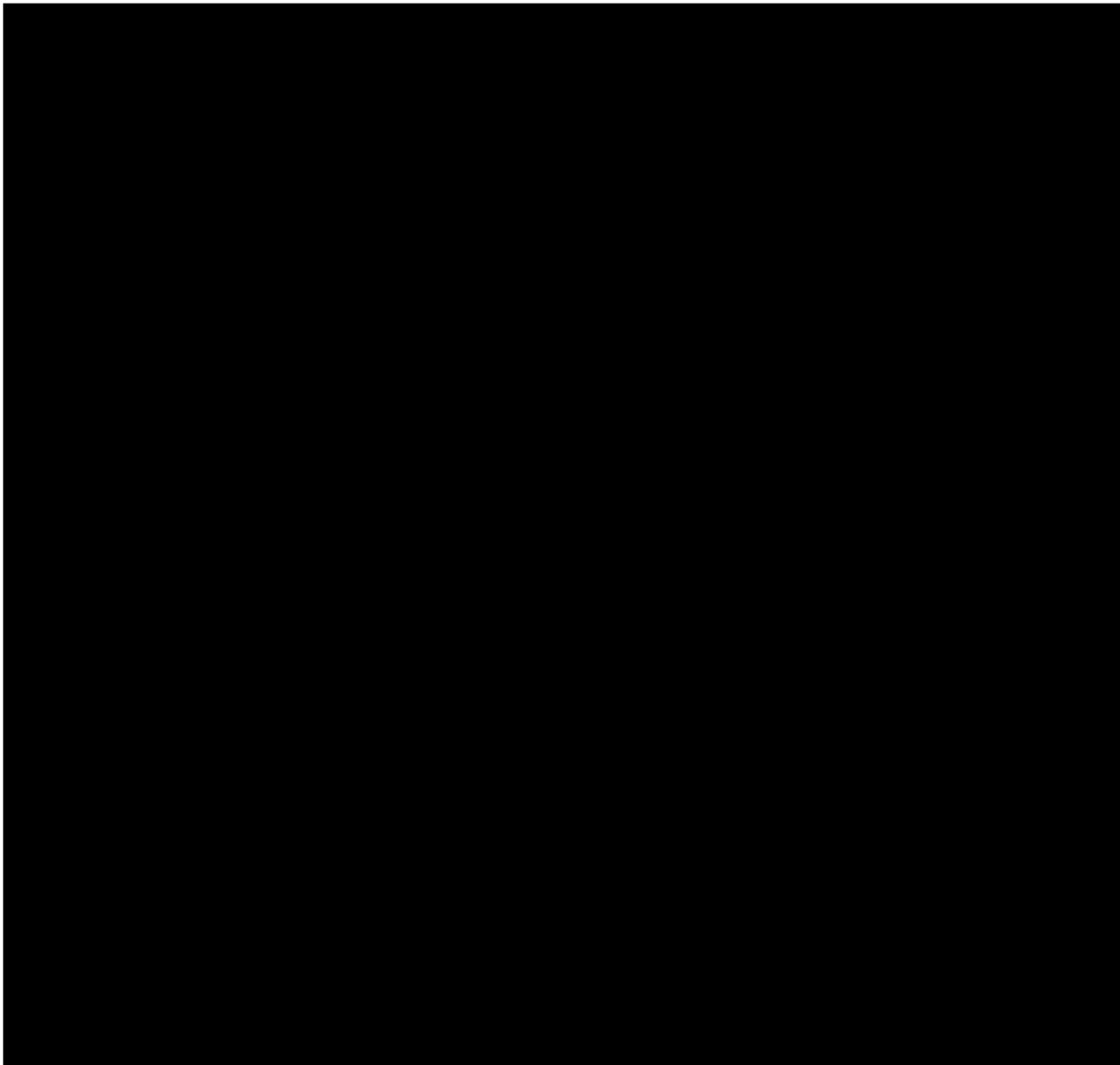


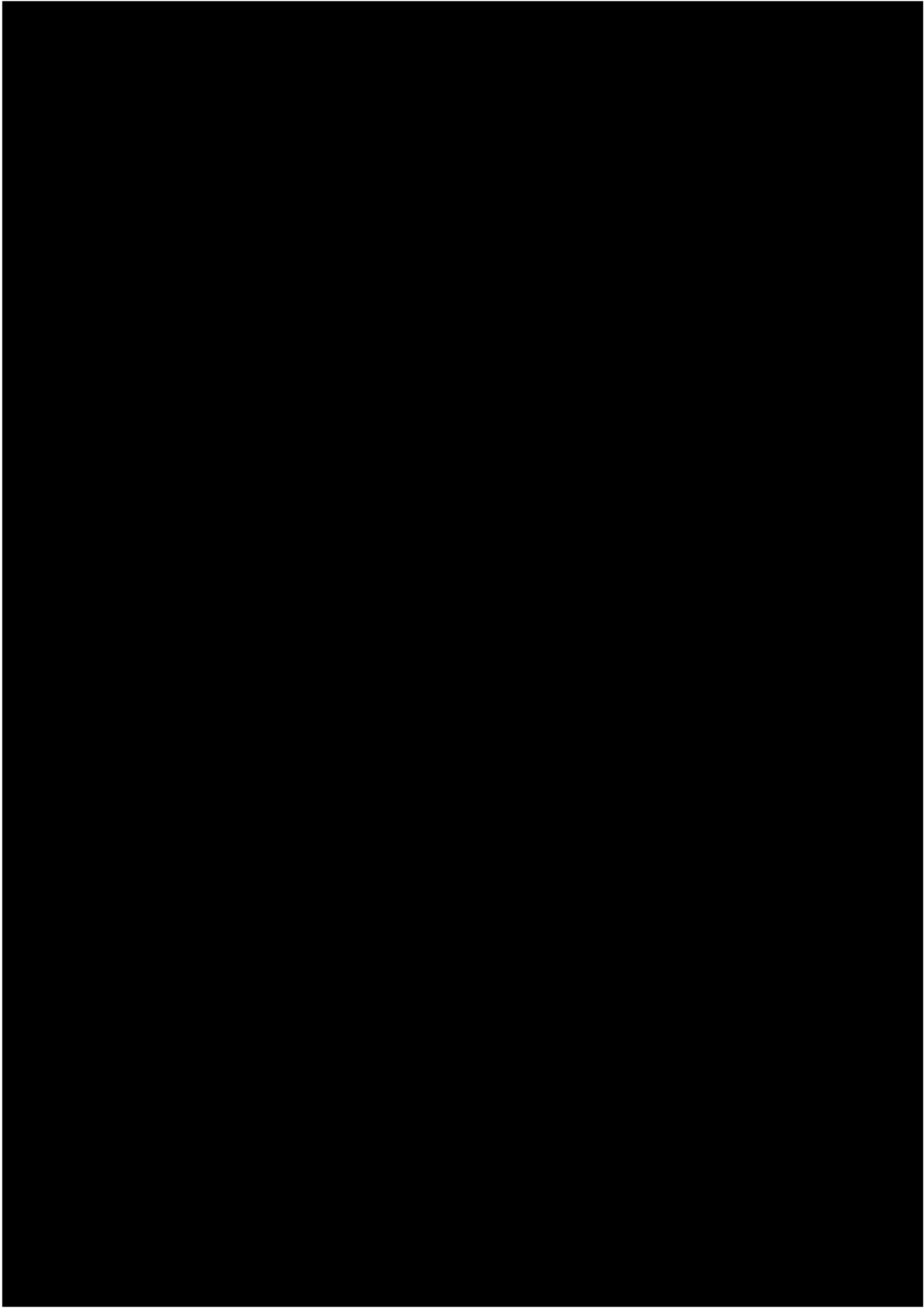
STATE OF MINNESOTA
PLANNING NARRATIVE

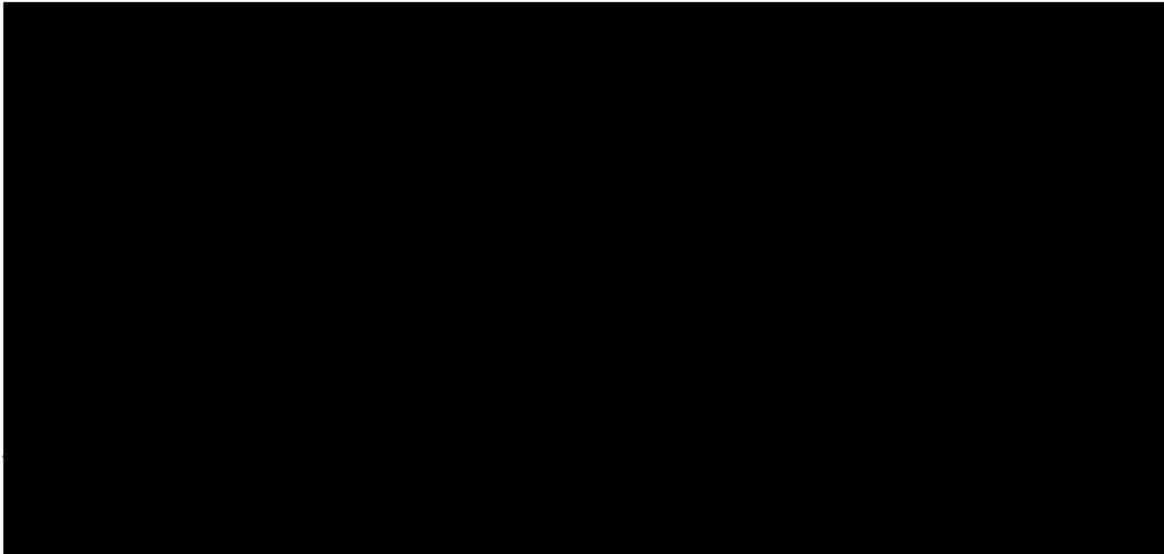
Personnel Salaries: For each position allocated to the projects, provide a description of the position responsibilities, annual salary, and percentage of time dedicated to this project for Year 1 and Year 2. Please ensure that costs are clear for both Years 1 and 2, as opposed to both years cumulatively.

Unless otherwise specifically stated, personnel costs are requested from federal sources.

Broadband Planning Staff







Personnel Fringe Benefits: For each position allocated to the projects, provide the cost for fringe benefits, if available.

Fringe Benefits

Fringe benefits are projected as a percentage of the personnel's annual salary calculated as follows: Employer's FICA Tax (7.65%), Unemployment Tax (.5%), Health/Dental/Vision Insurance (5.7%), Disability & Life Insurance (.6%), Accrued Paid Time Off (3.6%), SIMPLE match (3%), Gym benefit (.1%), and Professional Development (.3%). The total projected percentage cost will be 21.45% of the personnel salaries for years 1 through 5. Projected fringe benefit cost for CN staff for years 1 through 5 are \$6,761, \$7,030, \$7,142, \$7,429, and \$7,724 respectively. All fringe benefits for CN staff are being requested through federal funds.

State of Minnesota benefits are calculated at 28% of the personnel cost totaling \$2,360 for year 1 and \$1,452, \$1,503 and \$1,506 in years 3 through 5 respectively. All benefits for Minnesota employees are paid as an in-kind contribution from the state.

Projected Travel Costs

Minnesota travel costs consist of planned trips by the project manager for project oversight and stakeholder relations. Airplane travel cost is projected to be \$500 per roundtrip with 5 trips with a total cost of \$2,500 in year 1. In year 2, 3 trips are expected for a total cost of \$1,560 and 2 trips expected in each of years 3 through 5 for a total cost of \$1,082, \$1,125, and \$1,170, respectively. All travel costs for years 2 through 5 reflect a 4% annual inflation adjustment. Hotel room cost is projected to be \$200 per room with 5 nights' occupancy for a total cost of \$1,000 in year 1. In year 2, 3 nights' occupancy is expected for a total cost of \$624 and 2 nights' occupancy in each of years 3 through 5 for a total cost of \$433, \$450, and \$468, respectively. Rental car expense is projected to be \$90 per day with 10 days projected rentals in year 1 for a total cost of \$900 and with 6 days projected rental in year 2 for a total cost of \$562 and 4 days projected in each of years 3 through 5 for a total cost of \$389, \$405, and \$421, respectively. Per diem allowance for meals is projected at \$45 per day based on

the current standard federal per diem rate, with 10 days of travel in year 1 for a total cost of \$450 and with 6 days of travel in year 2 for a total cost of \$281 and 4 trips expected each of years 3 through 5 for a total cost of \$195, \$202, and \$211, respectively. Mileage travel cost is projected at \$.55 per mile, the current applicable standard federal rate, and average trips of 120 miles with 5 expected total trips in year 1 for a total cost of \$330, 3 expected trips in year 2 and 2 trips in each of years 3 through 5 for a total cost of \$206, \$143, \$148, and \$154, respectively. All travel costs are being requested through federal funds.

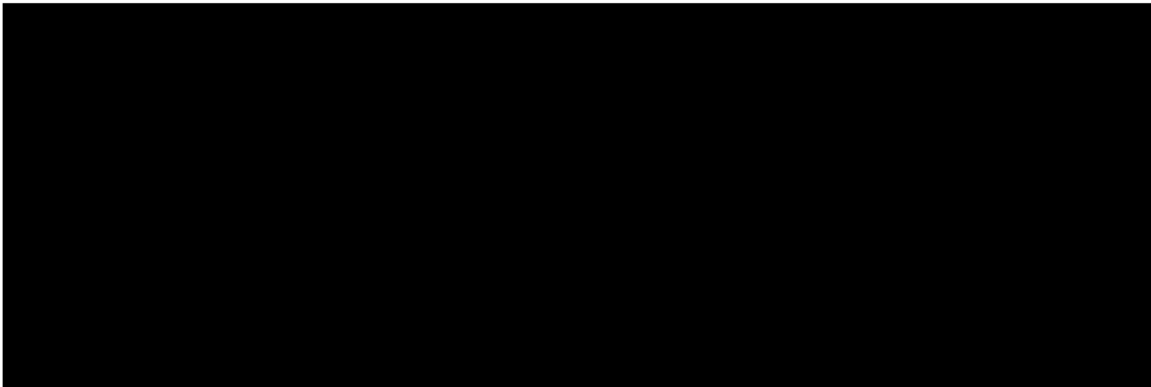
Connected Nation may incur additional travel expenses as needed to fulfill the requirements of this project.

Equipment: For hardware costs, provide a detailed description of all equipment to be purchased, when it will be purchased in the first two years, and the basis for the figures used.

Equipment

BroadbandSTAT is the next generation in broadband mapping, providing a comprehensive mapping portal for states to manage broadband stimulus projects and activities through the ARRA. Using ESRI's ArcGIS Server and its API mapping technologies to incorporate broadband mapping and survey data with demographic and topographic data from ESRI, the Census Bureau, and other reputable data sources, BroadbandSTAT provides not only a user-friendly GIS viewer to understand and track broadband deployment over time, it also provides an analytical tool for prioritizing unserved and underserved areas, evaluating and tracking stimulus projects, and enabling taxpayers with full transparency and accountability of broadband stimulus funding in their state. BroadbandSTAT empowers states to:

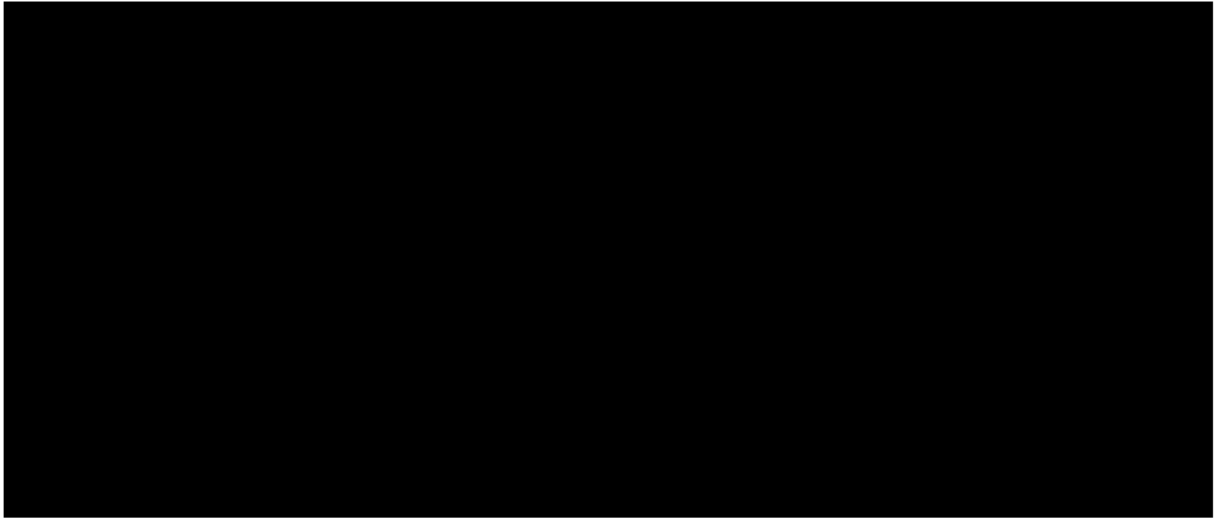
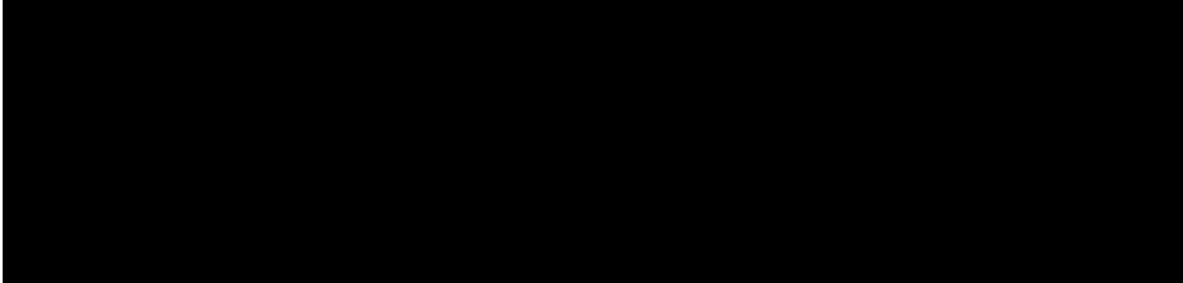
- Leverage the best-of-class, geographic informatics for broadband decision-making
- Build and evaluate scenarios to help score and prioritize broadband proposals
- Provide data-based support for effective grant-making
- Facilitate project investment tracking over time
- Provide access-based tools that are relevant and meaningful for specific audiences, including government agencies, consumers, community leaders, broadband providers, and media



Subcontracts: For any significant subcontract, please provide the cost allocation in a format similar to the one listed directly above. Your current contractor budget only allocates

personnel hours. If the contractor will be purchasing any equipment, performing any travel, etc. that should be clearly delineated.

Subcontracts



Other

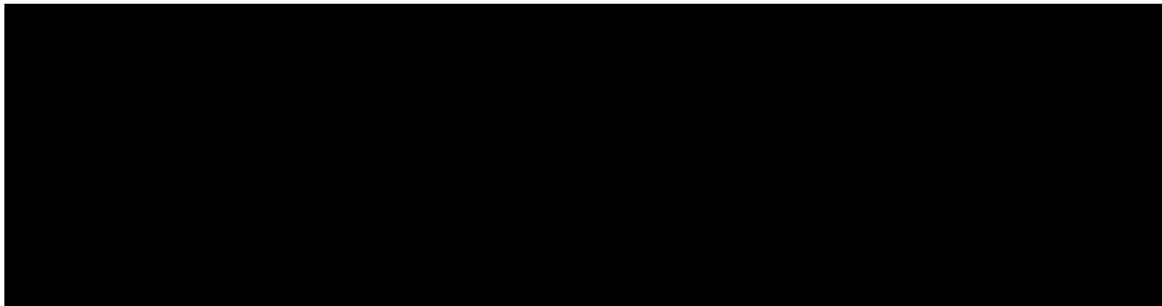
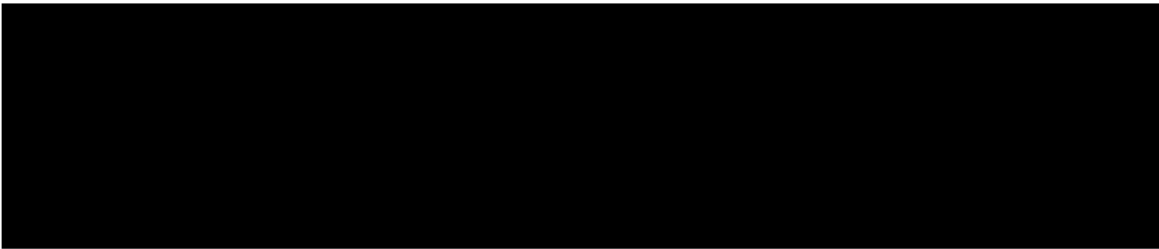
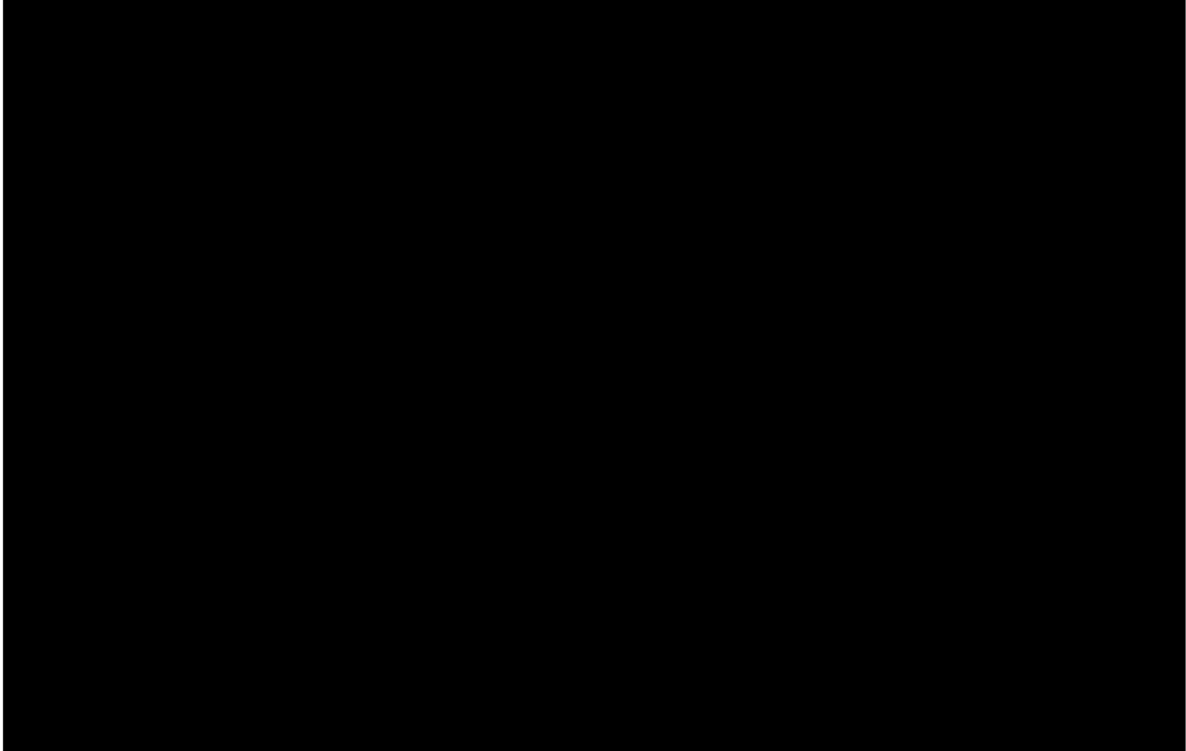
The Minnesota Ultra High Speed Broadband Task Force report, which will be released Friday, November 6, 2009, will serve as a baseline document for the mapping planning project. The task force averages 20 members in attendance and have met 11 times since February 17, 2009. The total number of meeting time hours over the course of those 11 meetings were 50 hours. Assuming an hourly rate of \$75 for each task force member, the in-kind contribution in year 1 is \$75,000.

Indirect Costs

Indirect costs are included at a rate of 30%. While Connected Nation does not currently hold a federal indirect cost rate, CN has calculated its rate in anticipation of requesting an indirect cost rate from the Department of Commerce. Total indirect costs in year 1 are \$68,949 with \$36,766 paid by the state and \$32,183 requested from federal sources. Total indirect costs for year 2 are \$26,452 with \$0 paid by the state and \$26,452 requested from federal sources. Total indirect costs for year 3 are \$28,826 with \$0 paid by the state and \$28,826 requested from federal sources. Total indirect costs for year 4 are \$29,980 with \$0 paid by the state and \$29,980 requested from federal sources. Total indirect costs for year 5 are \$31,077 with \$0 paid by the state and \$31,077 requested from federal sources.

Applicant Capacity, Knowledge, and Experience:

- 1. As described in the NOFA, please provide a description of the knowledge and experience of the applicant and associated project personnel. If you have not yet hired for certain positions please provide a description of the qualifications and expected work activities for these positions.***





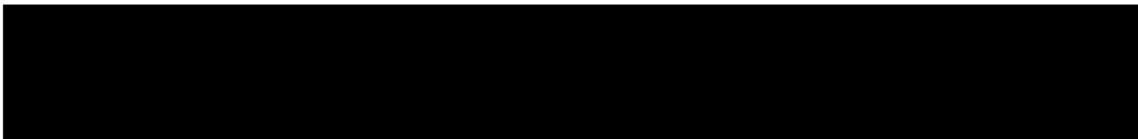
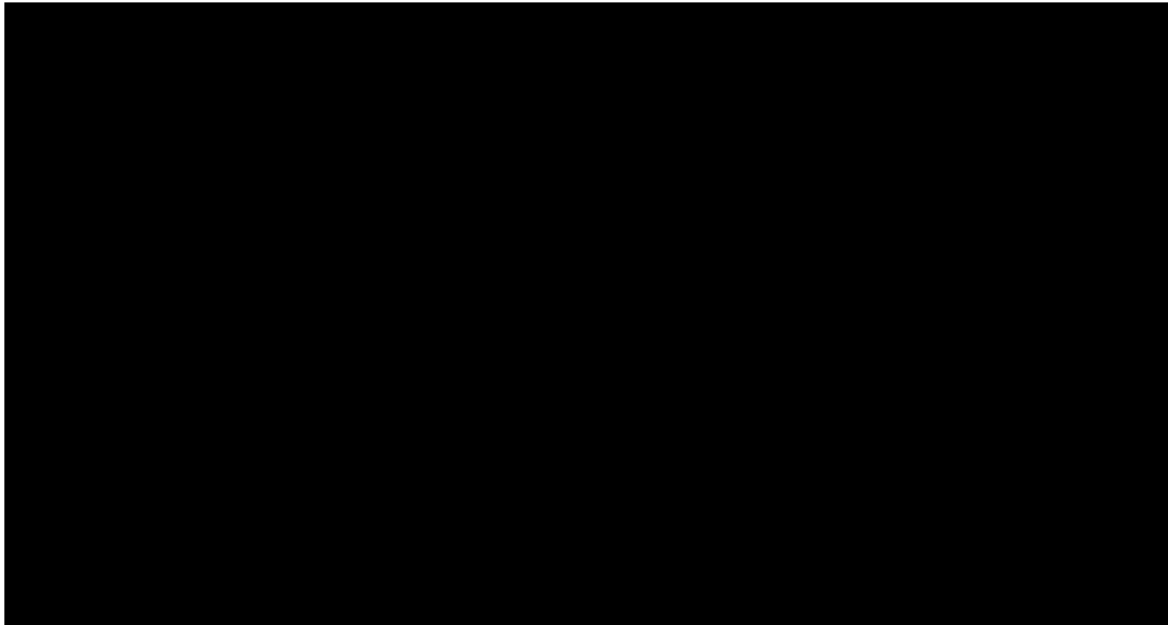
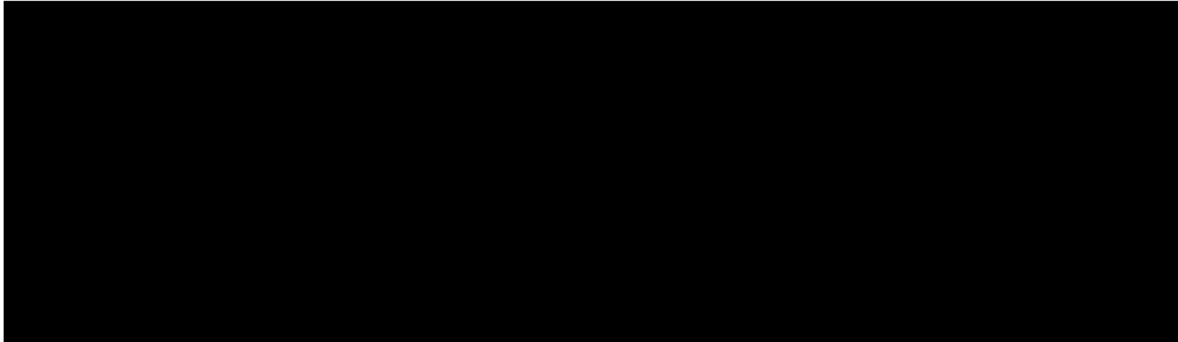


STATE OF MINNESOTA
MAPPING NARRATIVE

Personnel Salaries: For each position allocated to the projects, provide a description of the position responsibilities, annual salary, and percentage of time dedicated to this project for Year 1 and Year 2. Please ensure that costs are clear for both Years 1 and 2, as opposed to both years cumulatively.

Unless otherwise specifically stated, personnel costs are requested from federal sources.

GIS Staff



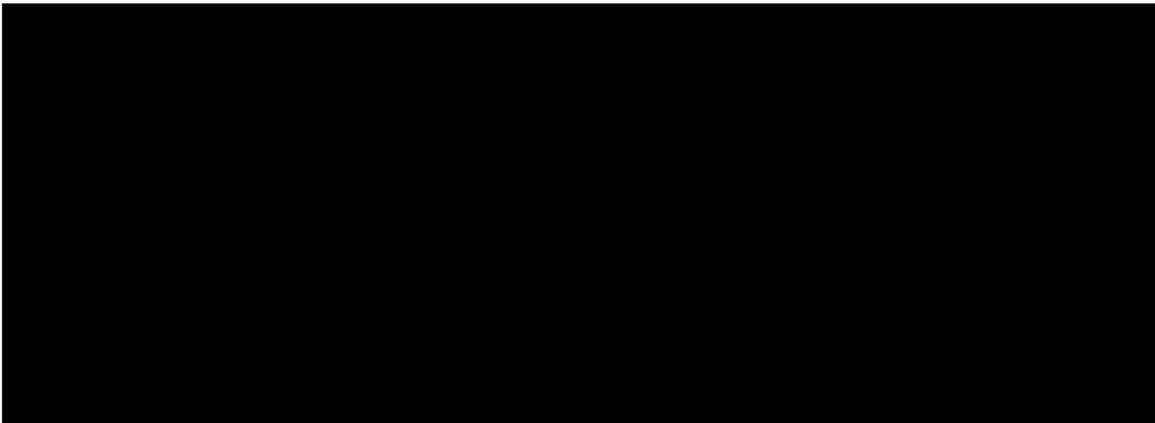
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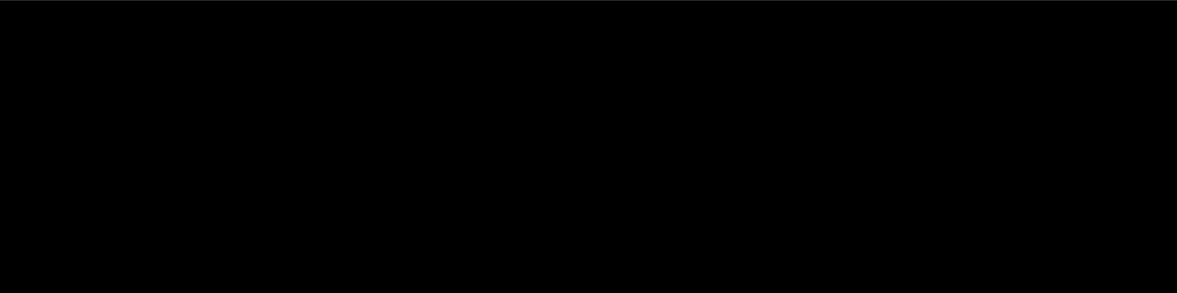
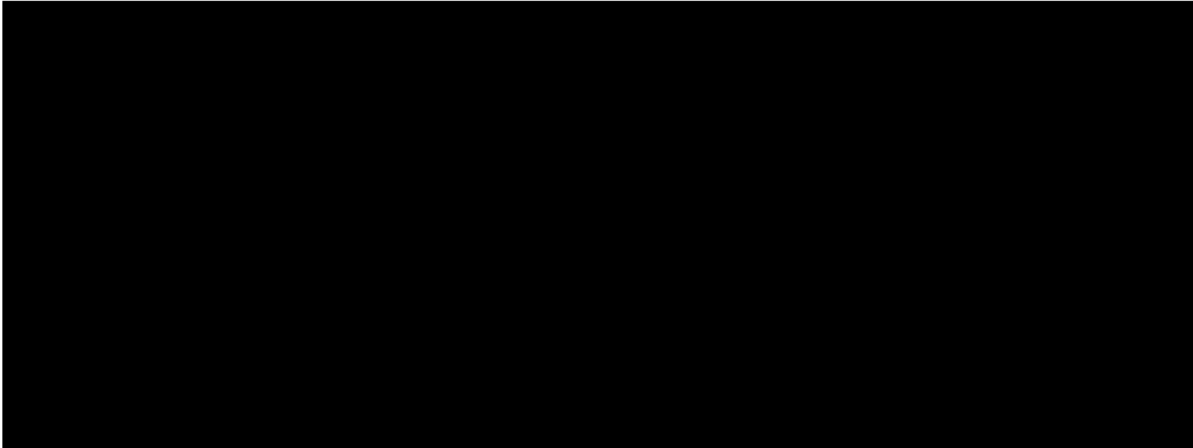
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Stakeholder Relations Staff

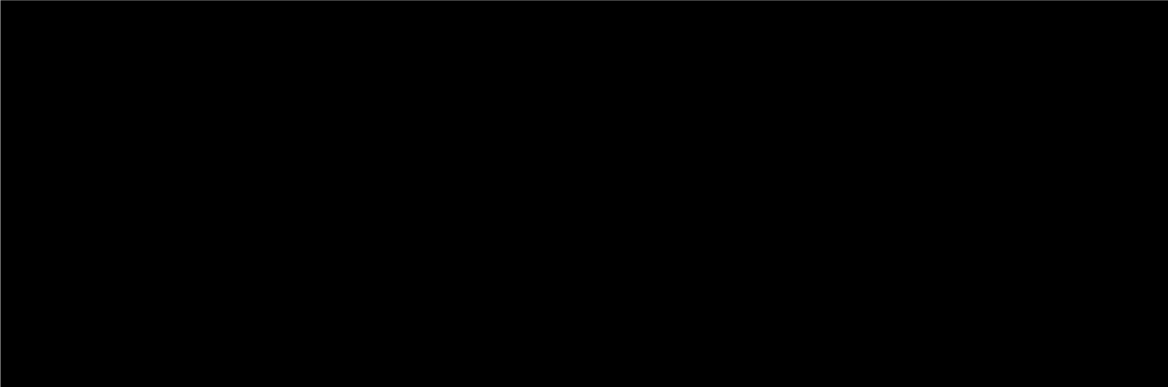
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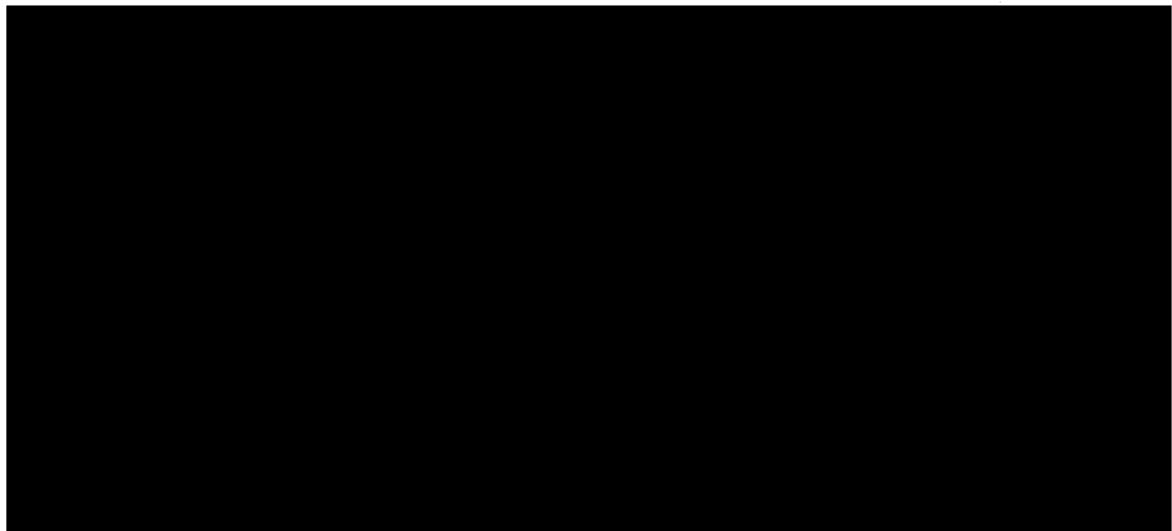
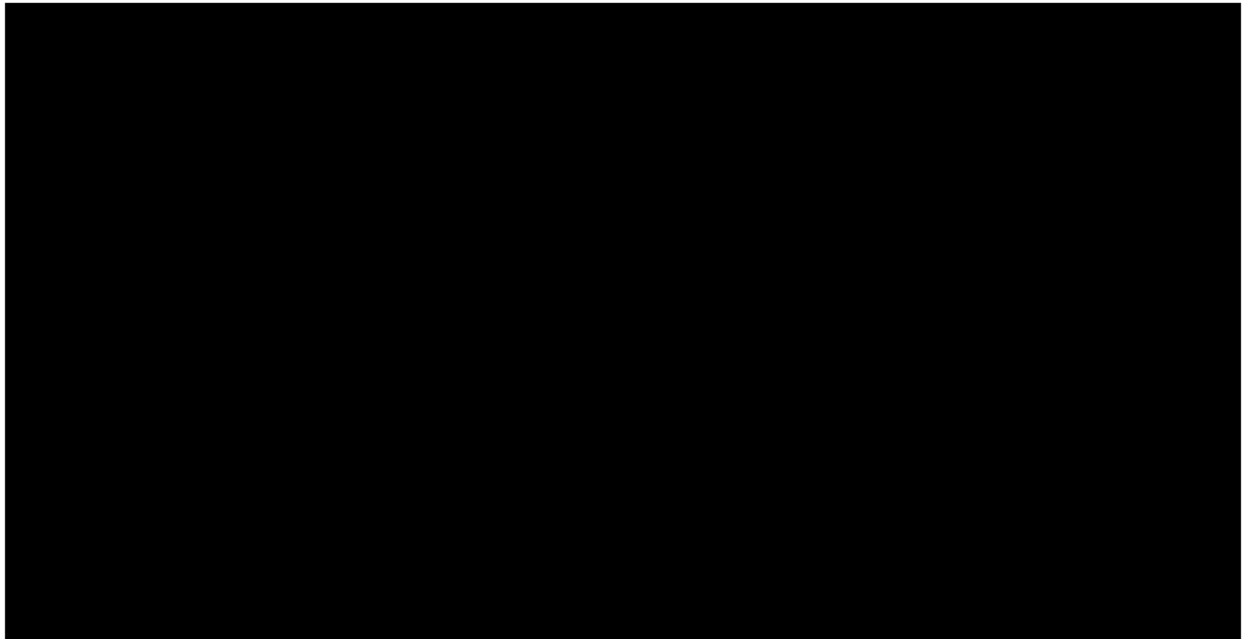


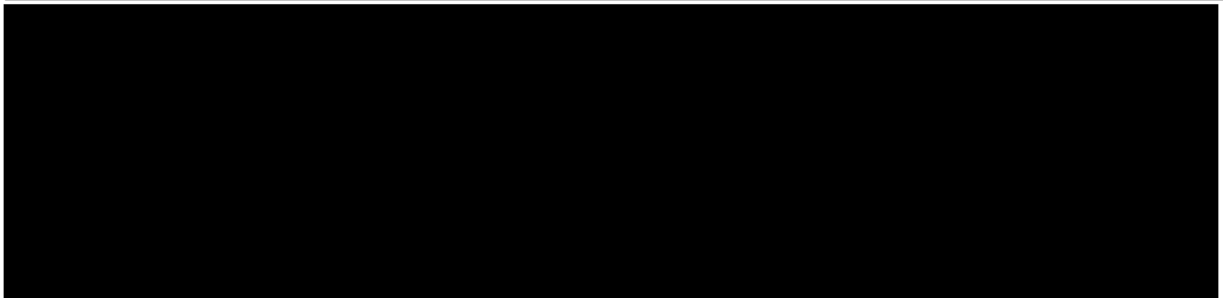
Engineering



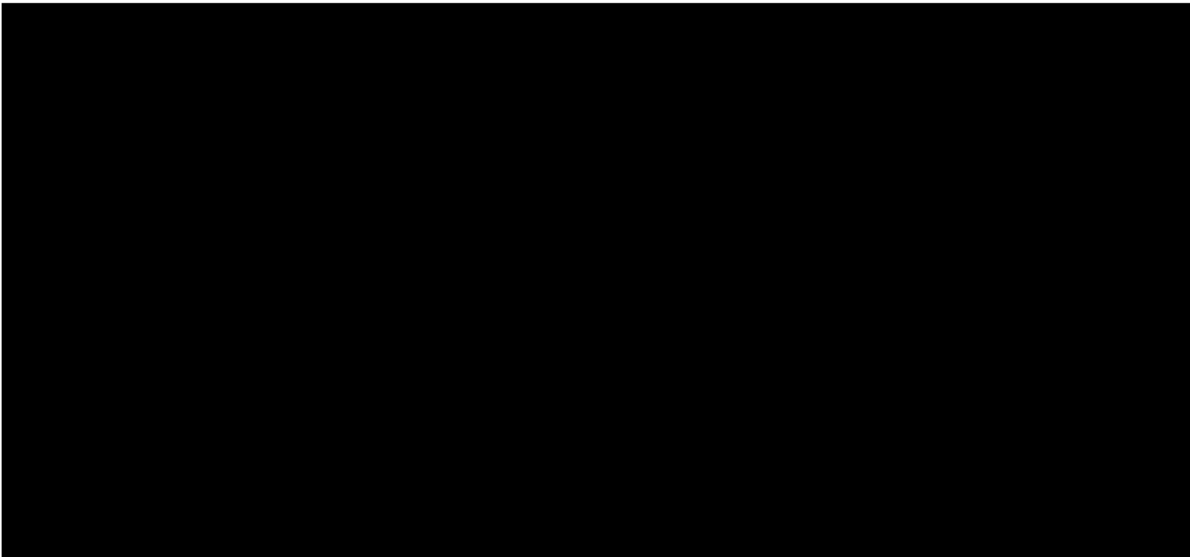
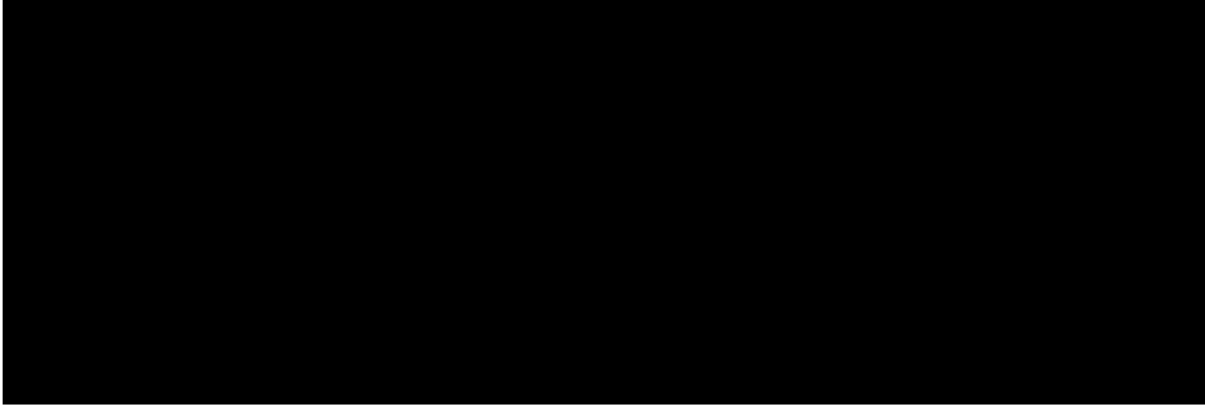
Research



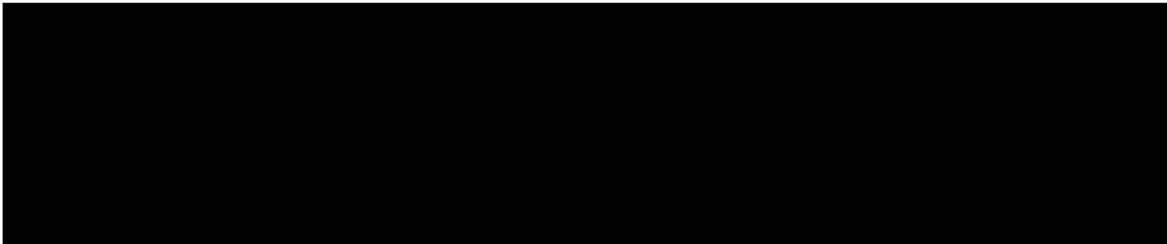


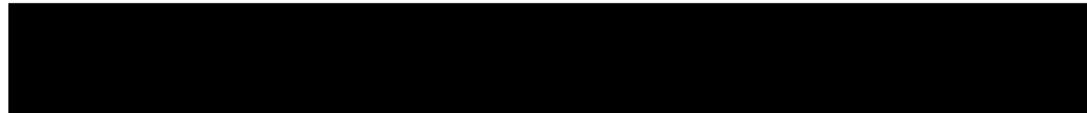


Project Management



State of Minnesota Staff





The total cost for personnel salaries for year 1 is \$172,840. Of this amount, \$4,842 is an in-kind contribution from the state of Minnesota and \$167,998 is the requested federal share. The total cost for personnel salaries for year 2 is \$179,729. Of this amount, \$5,012 is an in-kind contribution from the State of Minnesota and \$174,718 is the requested federal share. Through 9/30/09, CN has incurred pre-award costs related to personnel costs totaling \$4,100 all to be paid from federal sources.

Connect Minnesota may utilize other employees as needed to fulfill the requirements of this project.

Personnel Fringe Benefits: For each position allocated to the projects, provide the cost for fringe benefits, if available.

Fringe Benefits

Fringe Benefits are projected as a percentage of the personnel's annual salary calculated as follows: Employer's FICA Tax (7.65%), Unemployment Tax (.5%), Health/Dental/Vision Insurance (5.7%), Disability & Life Insurance (.6%), Accrued Paid Time Off (3.6%), SIMPLE match (3%), Gym benefit (.1%) and Professional Development (.3%). The total projected percentage cost will be 21.45% of the personnel salaries. Projected fringe benefit cost for CN staff during is \$36,036 for year 1 and \$37,478 for year 2, all to be paid from federal sources. Through 9/30/09, CN has incurred pre-award costs related to fringe benefit costs totaling \$879, all to be paid from federal sources.

State of Minnesota benefits for the State of Minnesota staff are expected to be \$1,356 for year 1 and \$1,403 for year 2, all paid from an in-kind contribution from the state.

Travel: Provide additional information such that the basis for all figures is clear. For example, if assuming airplane travel, provide an estimated cost for each roundtrip ticket and how many trips are expected. For mileage, provide an estimate of how many miles are expected and how many trips, etc.

Projected Travel Costs

Airplane travel cost is projected to be \$500 per roundtrip with 23 trips expected in year 1 for a total cost of \$11,500 and 18 trips in year 2 for a total cost of \$9,360. All travel costs for year 2 reflect a 4% inflation adjustment. Hotel room cost is projected to be \$200 per room with 45 night's occupancy in year 1 for a total cost of \$9,000 and with 40 night's occupancy in year 2 for a total cost of \$8,320. Rental car expense is projected to be \$90 per day with 68 days projected rental in year 1 for a total cost of \$6,120 and with 58 days projected rental in year 2 for a total cost of \$5,429. Per diem allowance for meals is projected at \$45 per day based on the current standard federal per diem rate, with 68 days of travel in year 1 for a total cost of \$3,060 and with 58 days of travel in year 2 for a total cost of \$2,714. Mileage

travel cost is projected at \$.55 per mile, the current applicable standard federal rate, and average trips of 120 miles with 23 expected trips in year 1 for a total cost of \$1,518 and 18 expected trips in year 2 for a total cost of \$1,236.

The Minnesota travel costs consist of planned trips by 5 different categories of employees or consultants:



Through 9/30/09, CN has incurred pre-award costs related to travel costs totaling \$1,914, all to be paid from federal sources.

Connected Nation may incur additional travel expenses as needed to fulfill the requirements of this project.

Equipment: For hardware costs, provide a detailed description of all equipment to be purchased, when it will be purchased in the first two years, and the basis for the figures used.

Equipment

ESRI ArcInfo and ArcGIS software will be purchased and used to map the broadband and Community Anchor Institution data received. ESRI is the industry leader in GIS software. ArcInfo and other ESRI resources will allow Connect Minnesota to process the multitude of data formats that are received from the various broadband providers who have different levels of digital data available for their networks. This software will be purchased in the first

year as soon as possible upon receipt of funding with annual maintenance in the second year.

BroadbandSTAT is the next generation in broadband mapping, providing a comprehensive mapping portal for states to manage broadband stimulus projects and activities through the ARRA. Using ESRI's ArcGIS Server and its API mapping technologies to incorporate broadband mapping and survey data with demographic and topographic data from ESRI, the Census Bureau, and other reputable data sources, BroadbandSTAT provides not only a user-friendly GIS viewer to understand and track broadband deployment over time, it also provides an analytical tool for prioritizing unserved and underserved areas, evaluating and tracking stimulus projects, and enabling taxpayers with full transparency and accountability of broadband stimulus funding in their state. BroadbandSTAT empowers states to:

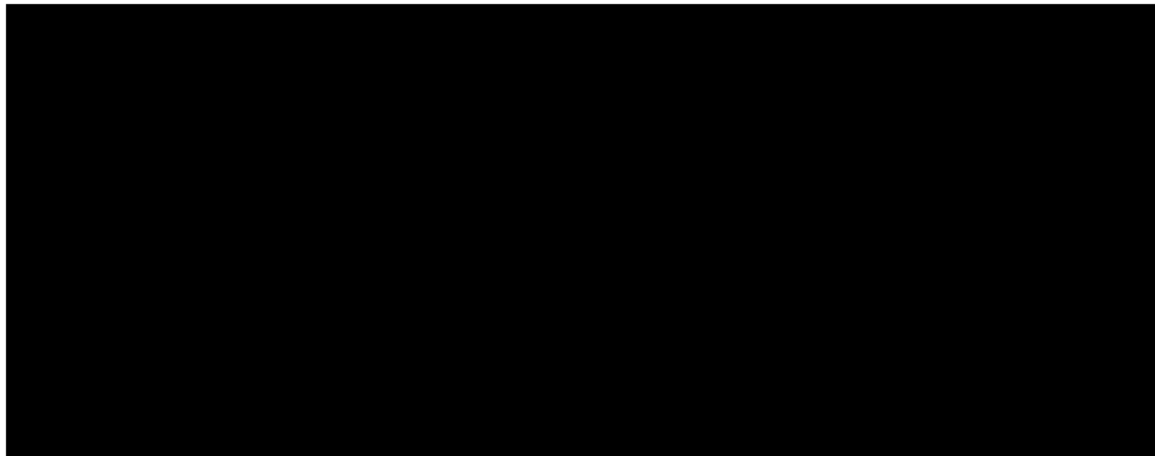
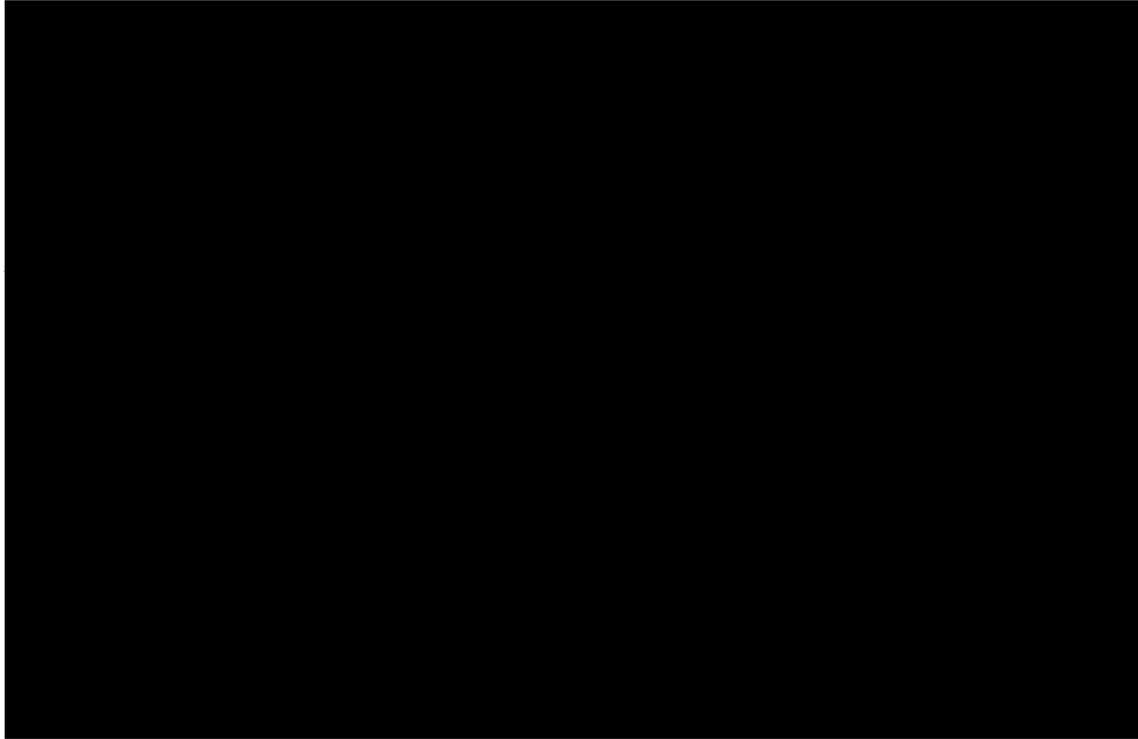
- Leverage the best-of-class, geographic informatics for broadband decision-making
- Build and evaluate scenarios to help score and prioritize broadband proposals
- Provide data-based support for effective grant-making
- Facilitate project investment tracking over time
- Provide access-based tools that are relevant and meaningful for specific audiences, including government agencies, consumers, community leaders, broadband providers, and media

Materials/Supplies:

- ***For software costs, provide a detailed description of all equipment to be purchased, when they will be purchased in the first two years, and the basis for the figures used.***

- *For all supplies expected to be purchased, please provide the information such that the basis for figures is clear.*

Materials/Supplies

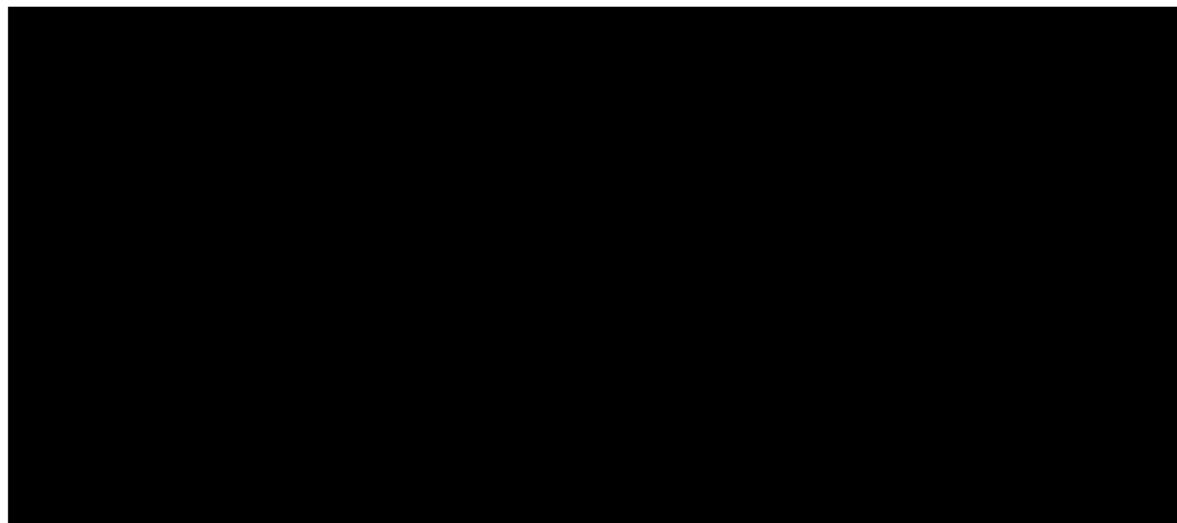
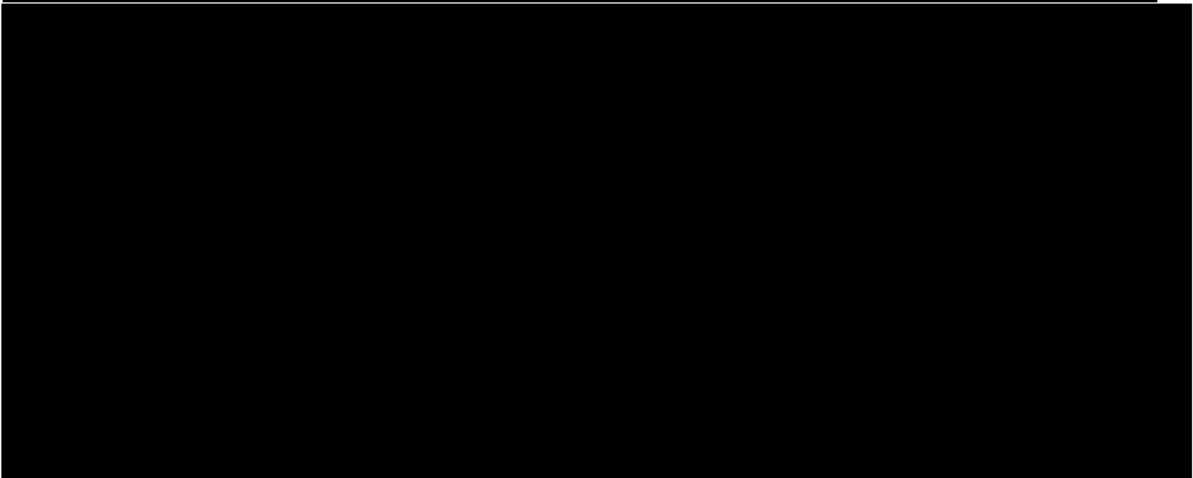
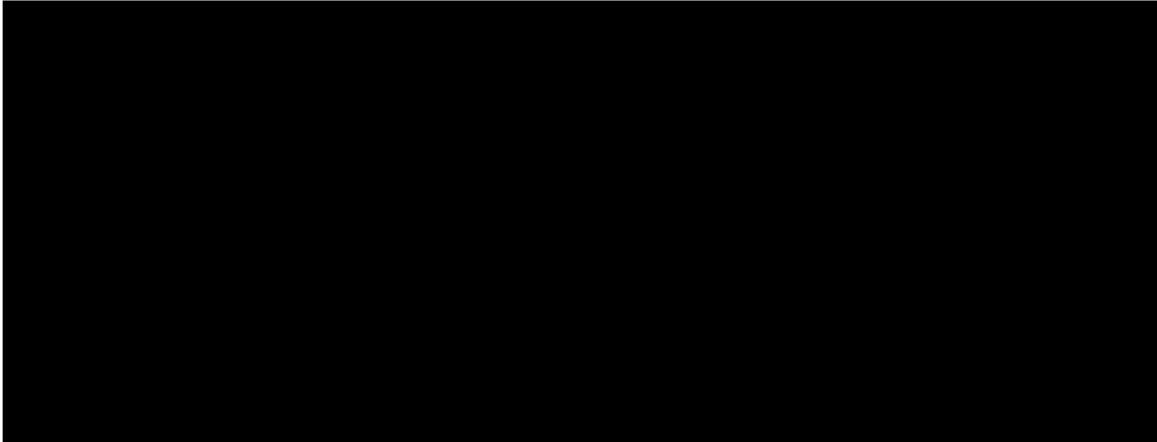


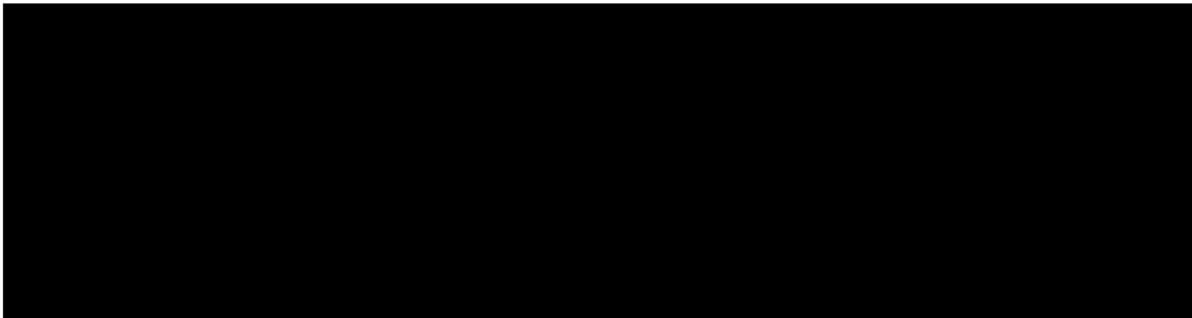
Through 9/30/09, CN has incurred pre-award costs related to materials and supplies totaling \$1,395, all to be paid from federal sources.

Connect Minnesota may purchase other materials and supplies as needed to fulfill the requirements of this project.

Subcontracts: For any significant subcontract, please provide the cost allocation in a format similar to the one listed directly above. Your current contractor budget only allocates personnel hours. If the contractor will be purchasing any equipment, performing any travel, etc. that should be clearly delineated.

Subcontracts





Connect Minnesota may engage other subcontractors as needed to fulfill the requirements of this project.

Other

Connect Minnesota will create an outreach campaign for the primary purpose of verification of data. CN will target media outlets in Minnesota that can reach the greatest number of individuals in an outreach effort to drive them to Minnesota's interactive maps and speed test tools. CN has been able to leverage outreach campaigns with media outlets in such way that for every outreach campaign it is expected 1 will be provided in-kind. We plan to target 8 outlets in year 1 and 4 outlets in year 2 with a total cost of \$40,000 and \$20,800 respectively. Of the year 1 cost, \$20,000 will be provided in-kind from the media outlets. Of the year 2 cost, \$10,400 will be provided in-kind from the media outlets. The federal share cost requested would be \$20,000 in year 1 and \$10,400 in year 2. The costs for year 2 reflect a 4% inflation adjustment.

Connect Minnesota Broadband datasets will contribute its datasets related to the current Minnesota maps. The estimated fair market value of the datasets comprising the Minnesota broadband maps is \$441,001.

State of Minnesota datasets will be used and will consist of addresses/connectivity and some GIS data for as many as 800 state sites. While not totally comprehensive in each area, it includes libraries, hospitals, K-12, county courthouses, and partial data for affiliated county organizations and state law enforcement. The estimated value of the datasets is \$816,192. This value is estimated based upon historical cost to build a similar Community Anchor

Institution dataset in another state on a per capita basis and considering the percent of data captured in the dataset.

The average work space square footage provided to state personnel in the State of Minnesota is 100 sq. ft. The cost per square foot per year in the building where the Minnesota Department of Commerce is located is \$19.65 through August 31, 2010 and will rise to \$20.24 for September 1, 2010 through August 31, 2011. The state will provide office space at no cost to Connected Nation for 1 employee of the initiative. This amounts to a total annual value of \$1,965 in year 1 and \$2,044 in year 2.

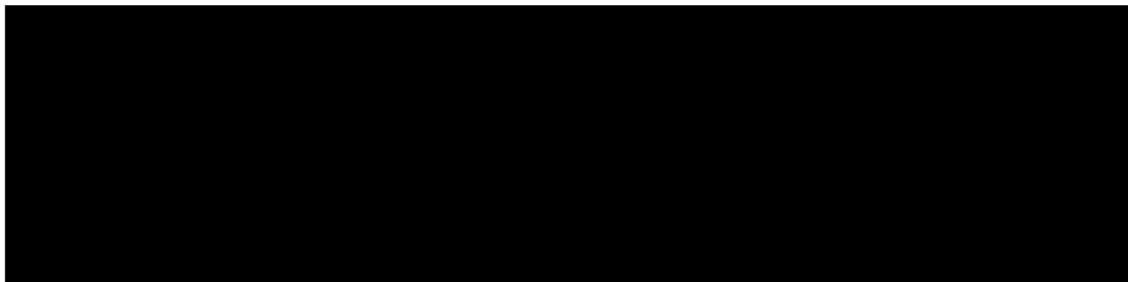
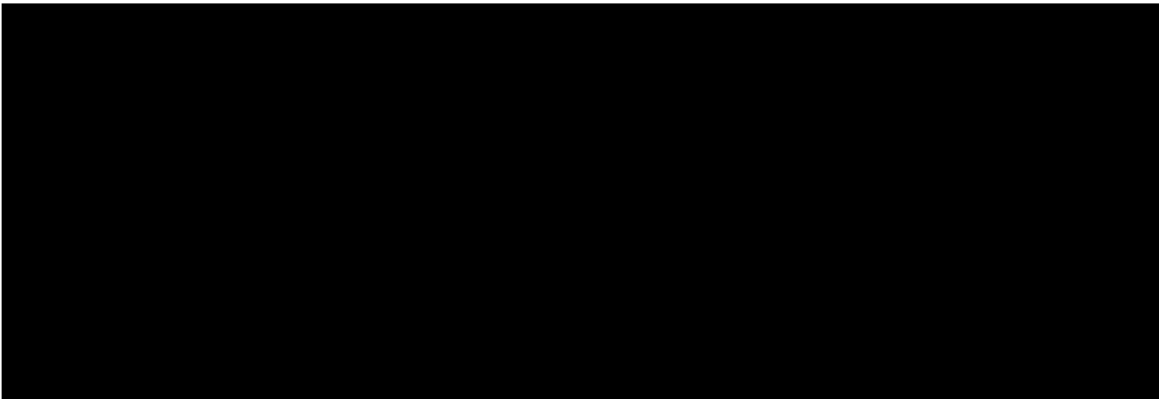
Indirect Costs

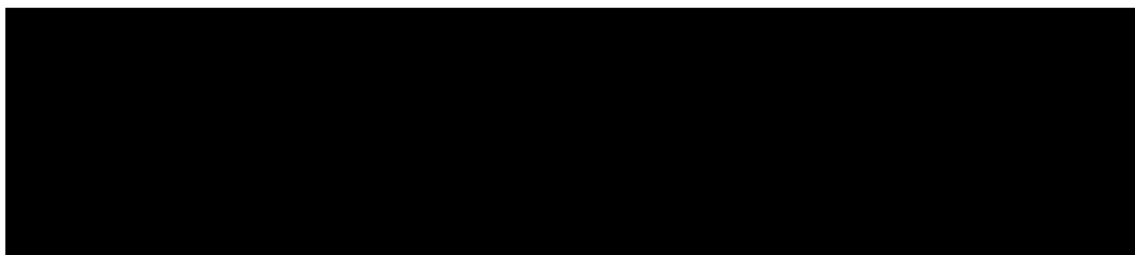
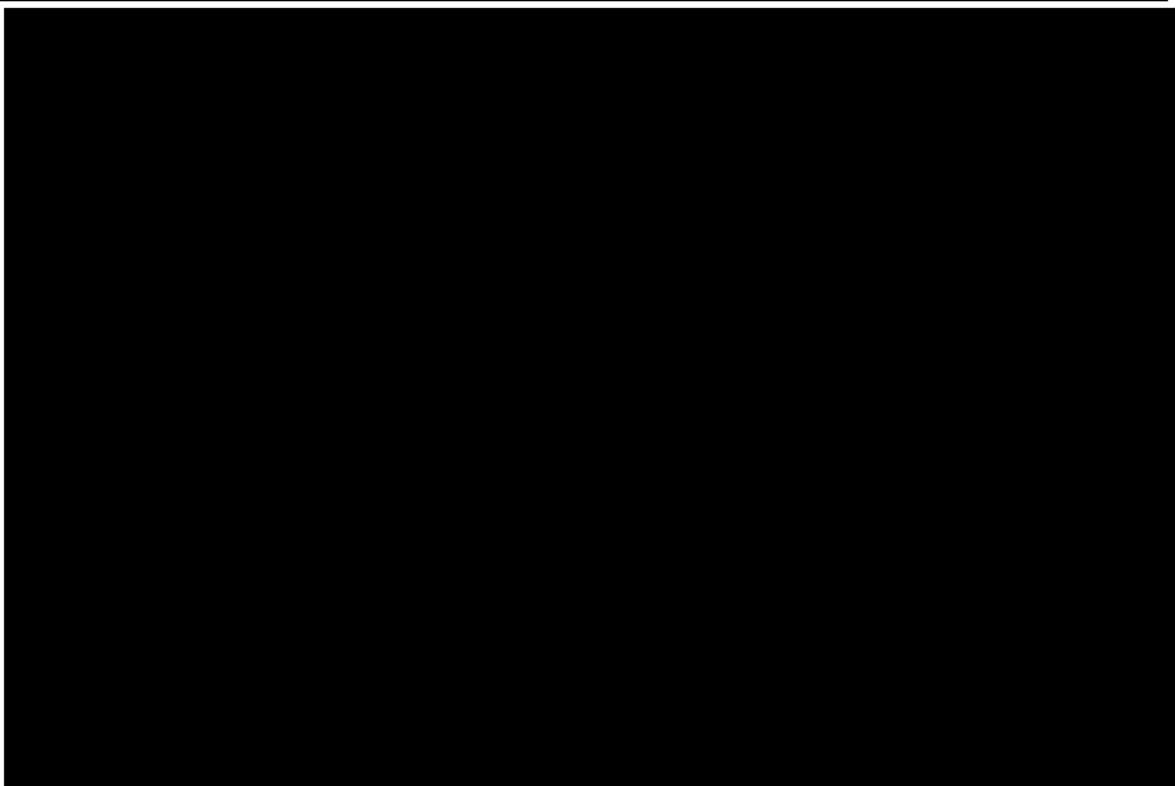
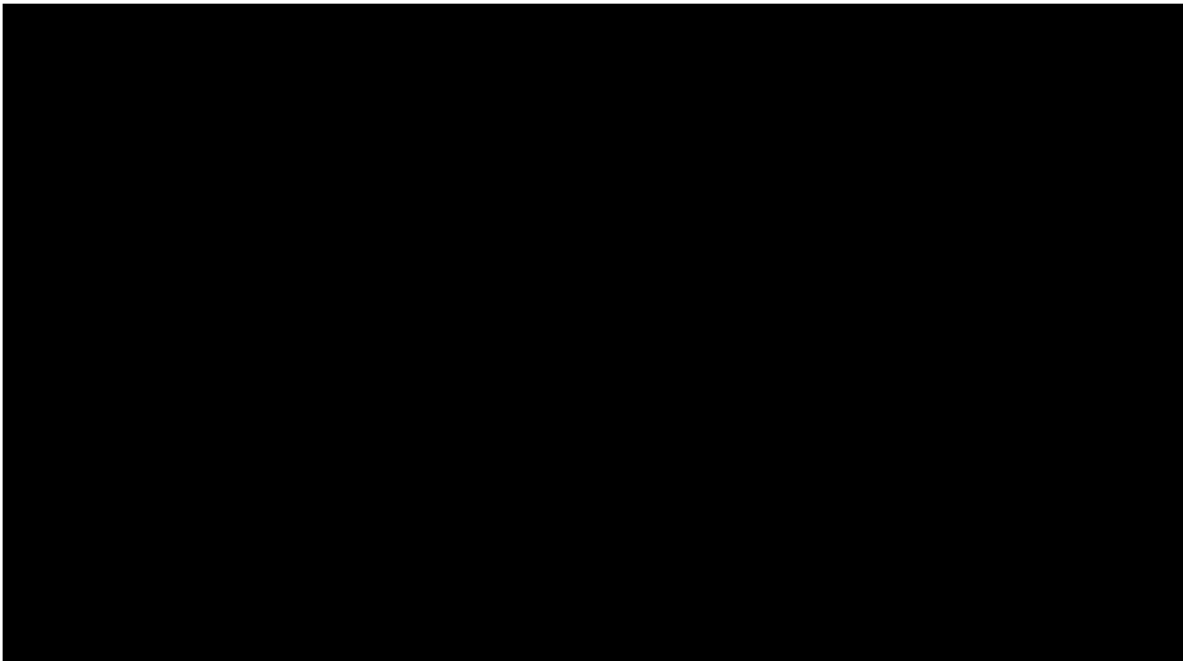
Indirect costs are included at a rate of 30%. While Connected Nation does not currently hold a federal indirect cost rate, CN has calculated its rate in anticipation of requesting an indirect cost rate from the Department of Commerce. Total indirect costs in year 1 are \$777,263 with \$575,223 paid by the state and \$202,040 requested from federal sources. Total indirect costs in year 2 are \$193,613 with \$31,854 paid by the state and \$162,029 requested from federal sources.

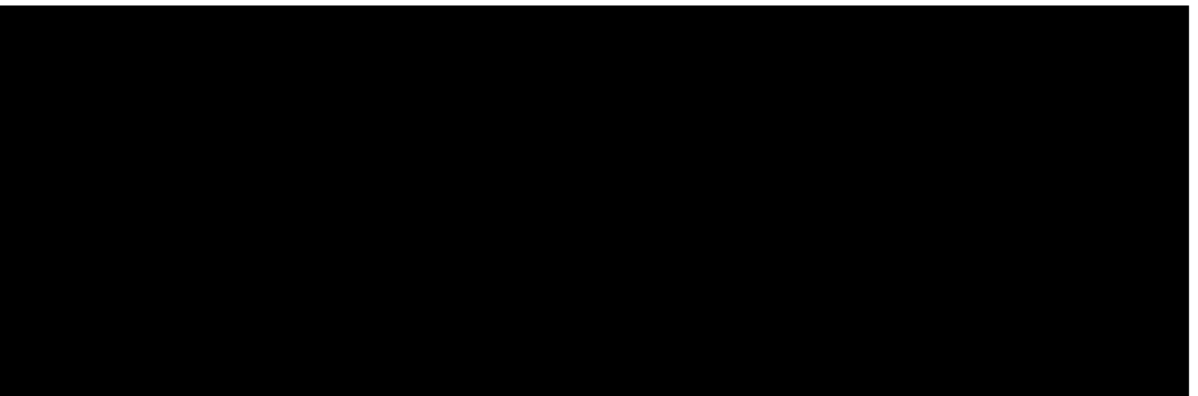
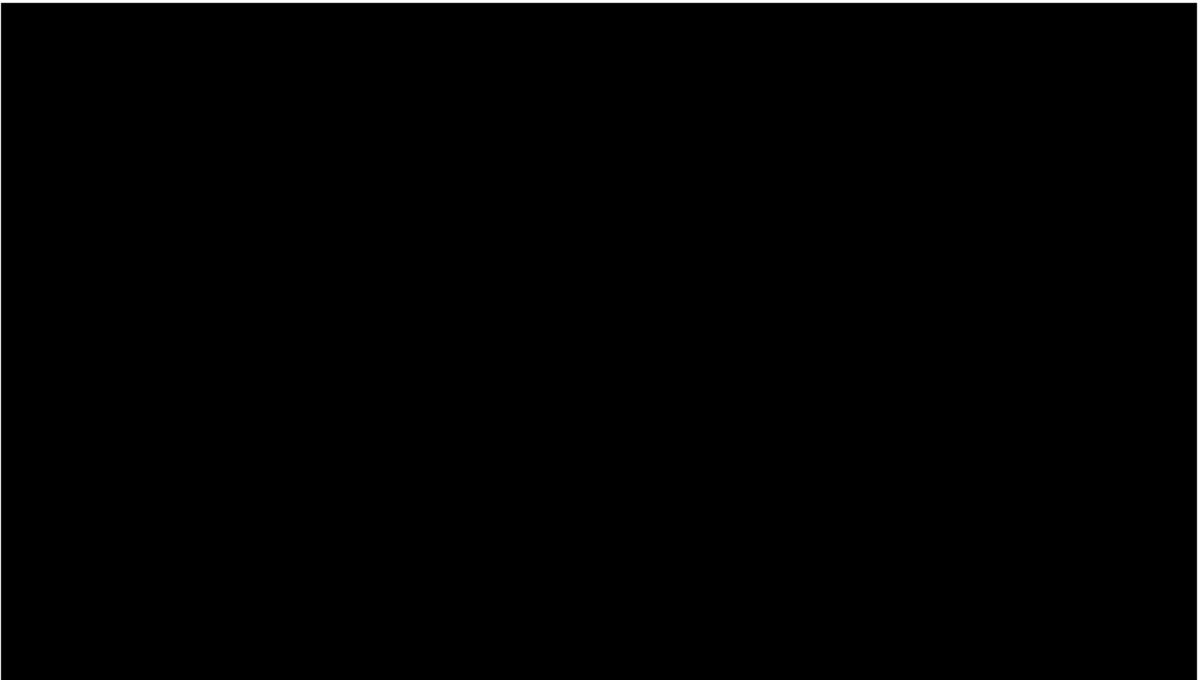
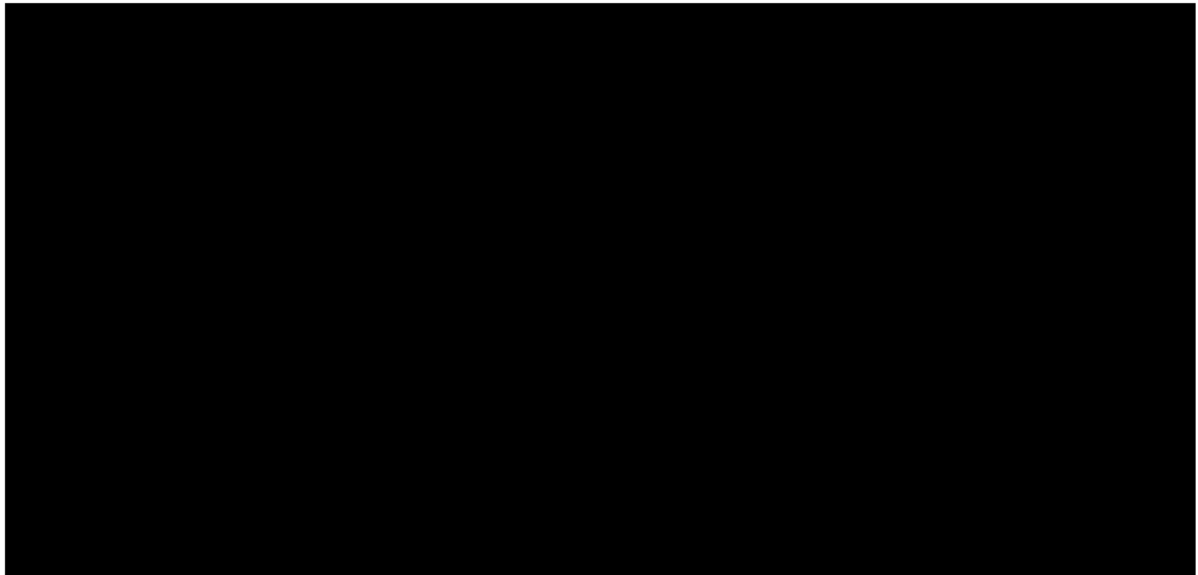
Through 9/30/09, CN has incurred pre-award costs related to indirect costs totaling \$4,237, \$4,151 to be paid from federal sources and \$86 as an in-kind match.

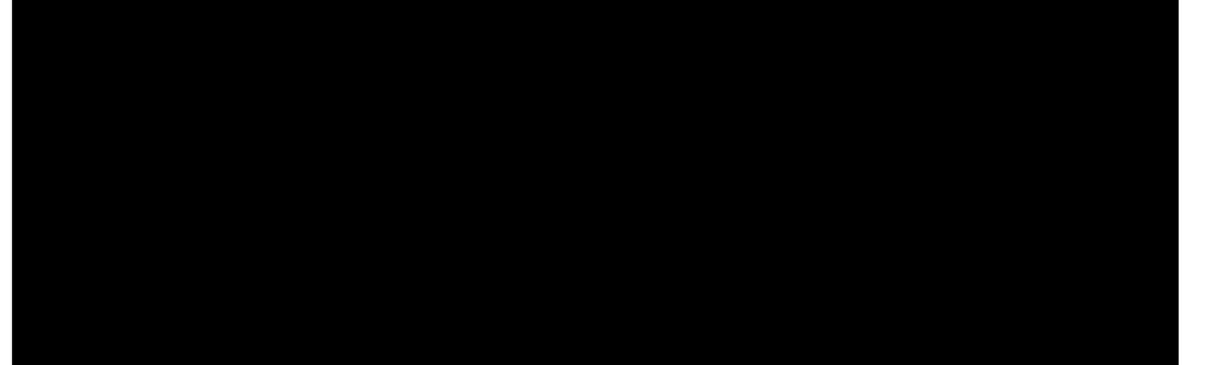
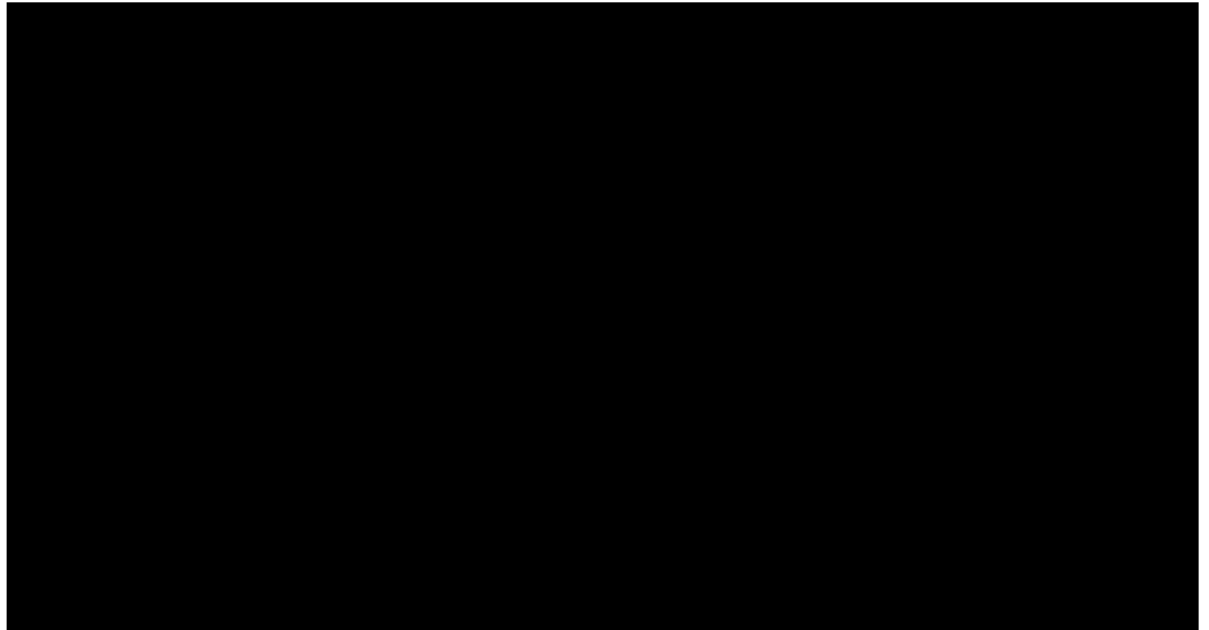
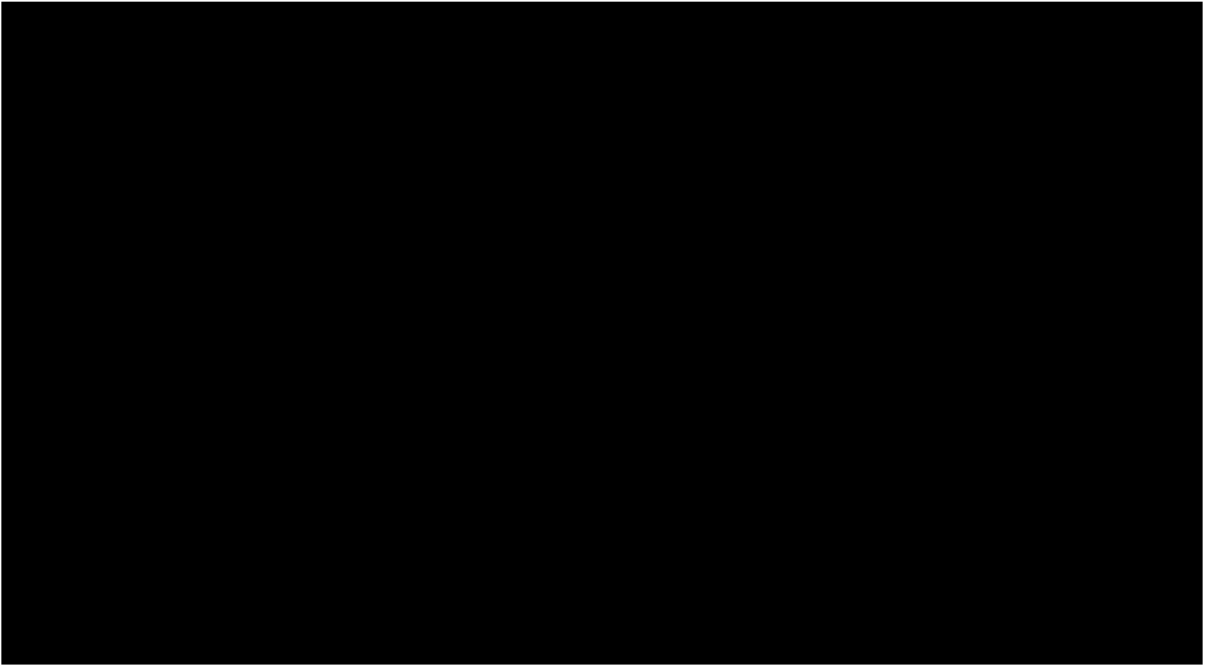
Applicant Capacity, Knowledge, and Experience:

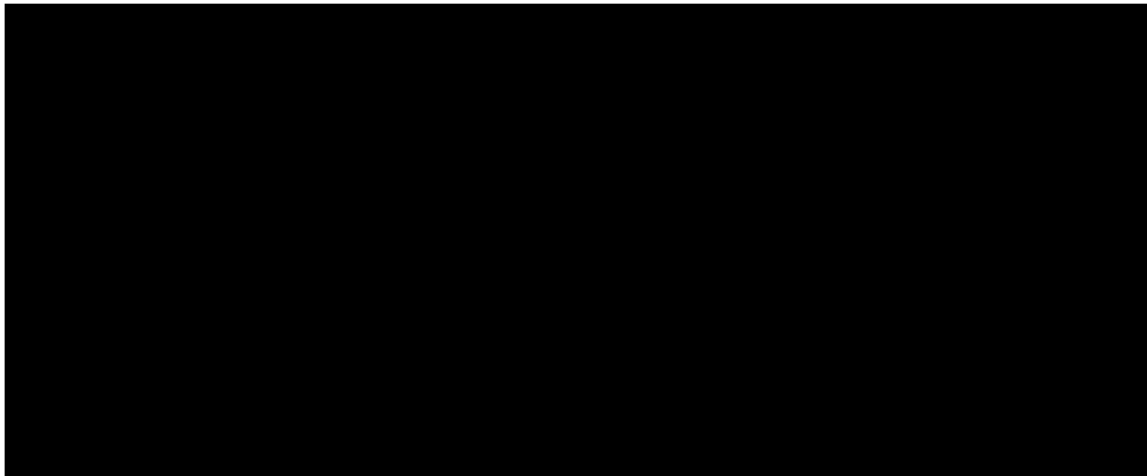
- 1. As described in the NOFA, please provide a description of the knowledge and experience of the applicant and associated project personnel. If you have not yet hired for certain positions please provide a description of the qualifications and expected work activities for these positions.***











The 2-year federal amount requested for mapping is \$1,213,563 and the 5-year federal amount requested for broadband planning will be \$495,300 combined federal grant request of \$1,708,863.

Combined Five Year Broadband Planning and Two Year Mapping Budget, Federal funds and Match

	Applicant		Total	Notes
	Share	Federal Share		
Personnel Salaries	34,394	510,938	545,331	
Personnel Fringe Benefits	9,630	109,600	119,230	
Travel	-	73,665	73,665	
Equipment	-	91,535	91,535	
Materials/Supplies	-	17,470	17,470	
Subcontracts	125,031	362,668	487,700	
Construction	-	-	-	
Other	1,366,602	30,400	1,397,002	
Total Direct Costs	\$ 1,535,657	\$ 1,196,276	\$ 2,731,932	
Total Indirect Costs	652,412	512,588	1,165,000	
Total Costs	<u>\$ 2,188,069</u>	<u>\$ 1,708,863</u>	<u>\$ 3,896,932</u>	

Detailed Mapping Budget**YEAR 1****YEAR 2**

Cost	YEAR 1			YEAR 2			Total
	Applicant Share	Federal Share	Total	Applicant Share	Federal Share	Total	
Personnel Salaries	[REDACTED]						
Total	4,842	167,998	172,840	5,012	174,718	179,729	352,569
Personnel Fringe Benefits	[REDACTED]						
Employer's FICA Tax		12,852	12,852		13,366	13,366	26,218
Unemployment Tax		840	840		874	874	1,714
Health/Dental/Vision Insurance		9,576	9,576		9,959	9,959	19,535
Disability & Life Insurance		1,008	1,008		1,048	1,048	2,056

	Accrued Paid Time Off	6,048	6,048		6,290	6,290	12,338
	SIMPLE Match	5,040	5,040		5,242	5,242	10,282
	Gym Benefit	168	168		175	175	343
	Professional Development	504	504		524	524	1,028
	State of Minnesota Fringe	1,356	1,356	1,403		1,403	2,759
Total		1,356	36,036	37,392	1,403	37,478	38,881

Travel	Airfare	11,500	11,500		9,360	9,360	20,860
	Hotel	9,000	9,000		8,320	8,320	17,320
	Rental Car	6,120	6,120		5,429	5,429	11,549
	Per Diem	3,060	3,060		2,714	2,714	5,774
	Mileage	1,518	1,518		1,236	1,236	2,754
Total		-	31,198	31,198	-	27,059	27,059

Equipment							
Total		-	56,884	56,884	-	12,151	12,151

Materials/Supplies							
Total		-	11,570	11,570	-	5,900	5,900

Subcontracts							
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Total	63,380	147,741	211,121	61,651	110,362	172,013	383,134
Construction			-			-	-
Total			-			-	-
Other							
Outreach & Education	20,000	20,000	40,000	10,400	10,400	20,800	60,800
Connect Minnesota Broadband Map Dataset	441,001		441,001			-	441,001
State of Minnesota Datasets	816,192		816,192			-	816,192
MN Office Space	1,965		1,965	2,044		2,044	4,009
Total	1,279,158	20,000	1,299,158	12,444	10,400	22,844	1,322,002
Total Direct Costs	1,348,736	471,427	1,820,163	80,510	378,068	458,577	2,278,740
Total Indirect Costs	575,223	202,040	777,263	31,584	162,029	193,613	970,876
Total Costs	1,923,959	673,467	2,597,426	112,094	540,097	652,190	3,249,616

Engineering Contracts Budget

YEAR 1

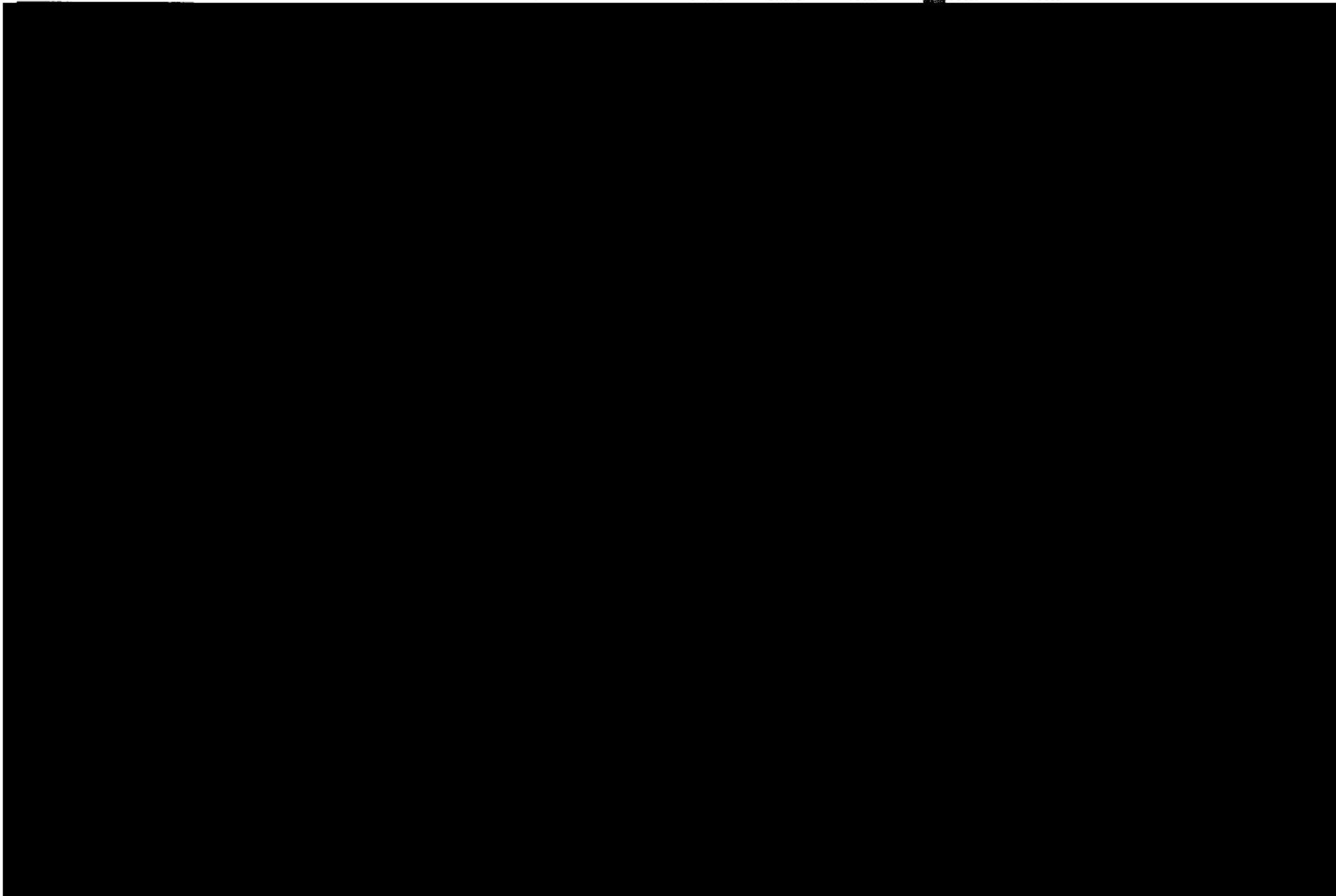
YEAR 2

Cost

Applicant Federal
Share Share Total

Applicant Federal
Share Share Total

Total Notes



Legal Contracts Budget

YEAR 1

YEAR 2

Cost

Applicant
Share

Federal
Share

Total

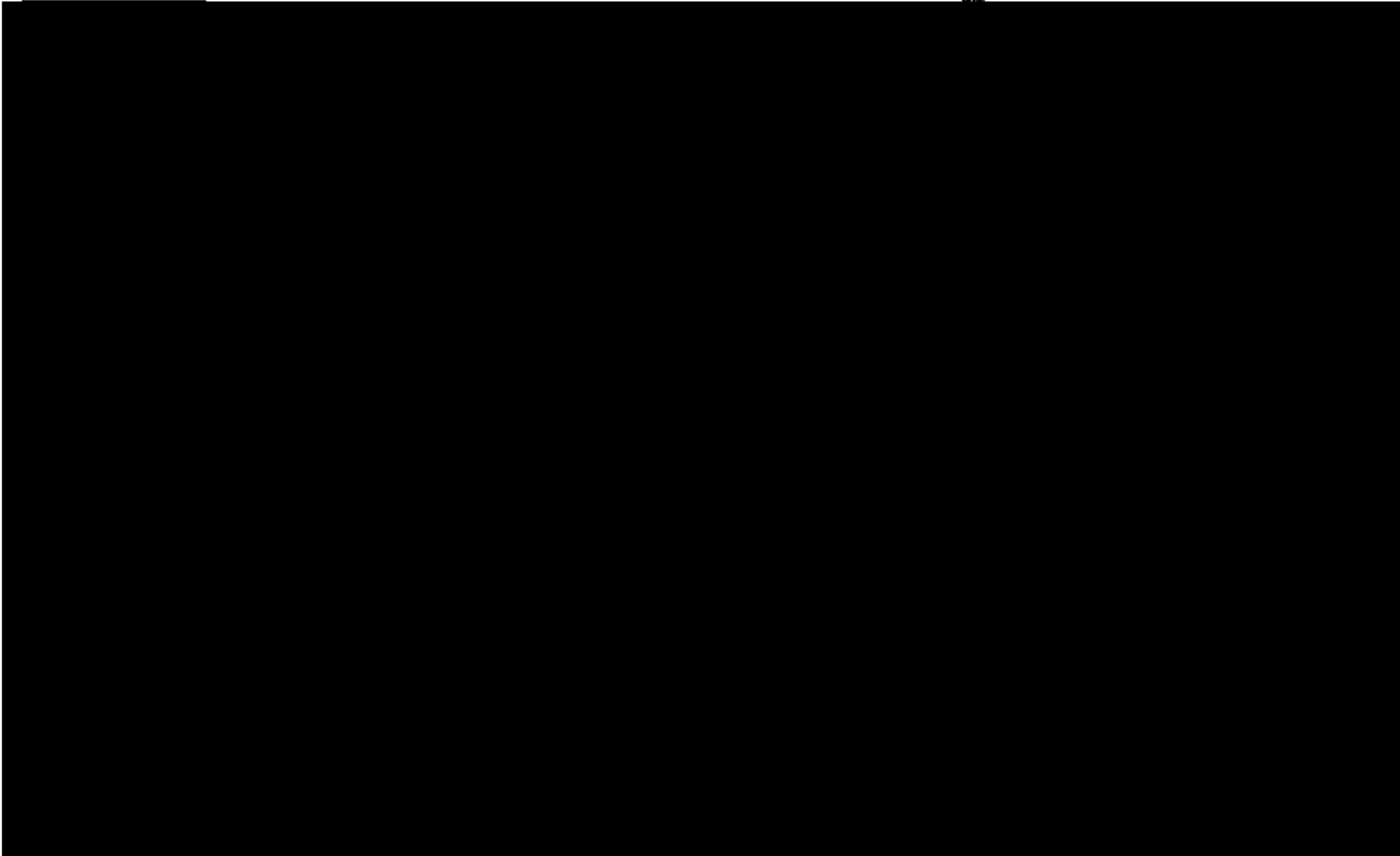
Applicant
Share

Federal
Share

Total

Total

Notes



Cost	YEAR 11			YEAR 12			YEAR 13			YEAR 14			YEAR 15			Total	Notes
	Applicant Share	Federal Share	Total	Applicant Share	Federal Share	Total	Applicant Share	Federal Share	Total	Applicant Share	Federal Share	Total	Applicant Share	Federal Share	Total		
Personnel Salaries	[REDACTED]																
Total	8,427	31,516	39,943	-	32,776	32,776	5,187	33,293	38,480	5,369	34,626	39,995	5,557	36,011	41,568	192,762	
Personnel Fringe Benefits	[REDACTED]																
Employer's FICA Tax		2,411	2,411		2,507	2,507		2,547	2,547		2,649	2,649		2,755	2,755	12,869	
Unemployment Tax		158	158		164	164		166	166		173	173		180	180	841	
Health/Dental/Vision Insurance		1,796	1,796		1,868	1,868		1,898	1,898		1,974	1,974		2,053	2,053	9,589	
Disability & Life Insurance		189	189		197	197		200	200		208	208		216	216	1,010	
Accrued Paid Time Off		1,135	1,135		1,180	1,180		1,199	1,199		1,247	1,247		1,296	1,296	6,057	
SIMPLE Match		945	945		983	983		999	999		1,039	1,039		1,080	1,080	5,046	
Gym Benefit		32	32		33	33		33	33		35	35		36	36	169	
Professional Development		95	95		98	98		100	100		104	104		108	108	505	
State of Minnesota Staff	[REDACTED]																
Manager, Telecommunications Division	2,360		2,360	-			1,452		1,452	1,503		1,503	1,556		1,556	6,871	
Total	2,360	6,761	9,121	-	7,030	7,030	1,452	7,142	8,594	1,503	7,429	8,932	1,556	7,724	9,280	42,957	
Travel	[REDACTED]																
Airfare		2,500	2,500		1,560	1,560		1,082	1,082		1,125	1,125		1,170	1,170	7,436	
Hotel		1,000	1,000		624	624		433	433		450	450		468	468	2,975	
Rental Car		900	900		562	562		389	389		405	405		421	421	2,677	
Per Diem		450	450		281	281		195	195		202	202		211	211	1,339	
Mileage		330	330		206	206		143	143		148	148		154	154	982	
Total	-	5,180	5,180	-	3,232	3,232	-	2,241	2,241	-	2,331	2,331	-	2,424	2,424	15,408	
Equipment	[REDACTED]																
Total	[REDACTED]																
Materials/Supplies	[REDACTED]																
Total	[REDACTED]																
Subcontracts	[REDACTED]																
Total	-	13,638	13,638	-	14,184	14,184	-	24,585	24,585	-	25,568	25,568	-	26,591	26,591	104,565	
Construction	[REDACTED]																
Total	[REDACTED]																
Other	[REDACTED]																
Broadband Task Force	75,000		75,000	-												75,000	
Total	75,000	-	75,000	-												75,000	
Total Direct Costs	85,787	75,095	160,882	-	61,722	61,722	6,639	67,261	73,900	6,872	69,954	76,826	7,113	72,750	79,862	453,192	
Total Indirect Costs	36,766	32,183	68,949	-	26,452	26,452	2,845	28,826	31,671	2,945	29,980	32,925	3,048	31,077	34,125	194,123	
Total Costs	122,553	107,278	229,832	-	88,175	88,175	9,484	96,087	105,571	9,817	99,934	109,751	10,161	103,826	113,987	647,316	

Engineering Contracts Budget

YEAR 1

YEAR 2

Cost

Applicant Federal
Share Share Total

Applicant Federal
Share Share Total

Total Notes



Legal Contracts Budget

YEAR 1

YEAR 2

Cost	Applicant Share	Federal Share	Total	Applicant Share	Federal Share	Total	Total	Notes
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