

**U.S. Department of Commerce
Broadband Technology Opportunities Program
Authentication and Certifications**

1. I certify that I am the duly Authorized Organization Representative (AOR) of the applicant organization, and that I have been authorized to submit the attached application on its behalf.
2. I certify that I have examined this application, that all of the information and responses in this application, including certifications, and forms submitted, all of which are part of this grant application, are material representations of fact and true and correct to the best of my knowledge, that the entity(ies) that is requesting grant funding pursuant to this application and any subgrantees and subcontractors will comply with the terms, conditions, purposes, and federal requirements of the grant program; that no kickbacks were paid to anyone; and that a false, fictitious, or fraudulent statements or claims on this application are grounds for denial or termination of a grant award, and/or possible punishment by a fine or imprisonment as provided in 18 U.S.C. §1001 and civil violations of the False Claims Act.
3. I certify that the entity(ies) I represent have and will comply with all applicable federal, state, and local laws, rules, regulations, ordinances, codes, orders and programmatic rules and requirements relating to the project. I acknowledge that failure to do so may result in rejection or deobligation of the grant or loan award. I acknowledge that failure to comply with all federal and program rules could result in civil or criminal prosecution by the appropriate law enforcement authorities.
4. I certify that the entity(ies) I represent has and will comply with all applicable administrative and federal statutory, regulatory, and policy requirements set forth in the Department of Commerce Pre-Award Notification Requirements for Grants and Cooperative Agreements ("DOC Pre-Award Notification"), published in the Federal Register on February 11, 2008 (73 FR 7696), as amended; DOC Financial Assistance Standard Terms and Conditions (Mar. 8, 2009); the Department of Commerce American Recovery and Reinvestment Act Award Terms (Apr. 9, 2009); and any Special Award Terms and Conditions that are included by the Grants Officer in the award.
5. I certify that any funds awarded to the entity(ies) I represent as a result of this application will not result in any unjust enrichment of such entity(ies) or duplicate any funds such entity(ies) receive under federal universal service support programs administered by the Universal Service Administrative Corporation (USAC).
6. I certify that the entity(ies) I represent has secured access to pay the 20% of total project cost or has petitioned the Assistant Secretary of NTIA for a waiver of the matching requirement.

3-23-10
Date

Phyllis West
Authorized Organization Representative Signature

PHYLLIS WEST
Print Name

FINANCE MANAGER
Title



PHYLLIS R. WEST
FINANCE MANAGER

DEPARTMENT OF FINANCE
PUBLIC SERVICES BUILDING
2051 KAEN ROAD | OREGON CITY, OR 97045
P. 503.742.5410 F. 503.742.5401

phyllisw@co.clackamas.or.us

BUDGET INFORMATION - Construction Programs

NOTE: Certain Federal assistance programs require additional computations to arrive at the Federal share of project costs eligible for participation. If such is the case, you will be notified.

COST CLASSIFICATION	a. Total Cost	b. Costs Not Allowable for Participation	c. Total Allowable Costs (Columns a-b)
1. Administrative and legal expenses	\$ 612,580 .00	\$.00	\$ 612,580 .00
2. Land, structures, rights-of-way, appraisals, etc.	\$.00	\$.00	\$ 0 .00
3. Relocation expenses and payments	\$.00	\$.00	\$ 0 .00
4. Architectural and engineering fees	\$ 1,183,084 .00	\$.00	\$ 1,183,084 .00
5. Other architectural and engineering fees	\$.00	\$.00	\$ 0 .00
6. Project inspection fees	\$.00	\$.00	\$ 0 .00
7. Site work	\$.00	\$.00	\$ 0 .00
8. Demolition and removal	\$.00	\$.00	\$ 0 .00
9. Construction	\$ 7,033,166 .00	\$.00	\$ 7,033,166 .00
10. Equipment	\$ 2,320,000 .00	\$.00	\$ 2,320,000 .00
11. Miscellaneous	\$.00	\$.00	\$ 0 .00
12. SUBTOTAL (sum of lines 1-11)	\$ 11,148,830 .00	\$ 0.00	\$ 11,148,830 .00
13. Contingencies	\$.00	\$.00	\$ 0 .00
14. SUBTOTAL	\$ 11,148,830 .00	\$ 0.00	\$ 11,148,830 .00
15. Project (program) income	\$.00	\$.00	\$ 0 .00
16. TOTAL PROJECT COSTS (subtract #15 from #14)	\$ 11,148,830 .00	\$ 0.00	\$ 11,148,830 .00
FEDERAL FUNDING			
17. Federal assistance requested, calculate as follows: (Consult Federal agency for Federal percentage share.) Enter the resulting Federal share.	Enter eligible costs from line 16c Multiply X <u>70.00</u> %		\$ 7,804,181.00

INSTRUCTIONS FOR THE SF-424C

Public reporting burden for this collection of information is estimated to average 180 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0041), Washington, DC 20503.

**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET.
SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

This sheet is to be used for the following types of applications: (1) "New" (means a new [previously unfunded] assistance award); (2) "Continuation" (means funding in a succeeding budget period which stemmed from a prior agreement to fund); and (3) "Revised" (means any changes in the Federal Government's financial obligations or contingent liability from an existing obligation). If there is no change in the award amount, there is no need to complete this form. Certain Federal agencies may require only an explanatory letter to effect minor (no cost) changes. If you have questions, please contact the Federal agency.

Column a. - If this is an application for a "New" project, enter the total estimated cost of each of the items listed on lines 1 through 16 (as applicable) under "COST CLASSIFICATION."

If this application entails a change to an existing award, enter the eligible amounts *approved under the previous award* for the items under "COST CLASSIFICATION."

Column b. - If this is an application for a "New" project, enter that portion of the cost of each item in Column a. which is *not* allowable for Federal assistance. Contact the Federal agency for assistance in determining the allowability of specific costs.

If this application entails a change to an existing award, enter the adjustment [+ or (-)] to the previously approved costs (from column a.) reflected in this application.

Column. - This is the net of lines 1 through 16 in columns "a." and "b."

Line 1 - Enter estimated amounts needed to cover administrative expenses. Do not include costs which are related to the normal functions of government. Allowable legal costs are generally only those associated with the purchases of land which is allowable for Federal participation and certain services in support of construction of the project.

Line 2 - Enter estimated site and right(s)-of-way acquisition costs (this includes purchase, lease, and/or easements).

Line 3 - Enter estimated costs related to relocation advisory assistance, replacement housing, relocation payments to displaced persons and businesses, etc.

Line 4 - Enter estimated basic engineering fees related to construction (this includes start-up services and preparation of project performance work plan).

Line 5 - Enter estimated engineering costs, such as surveys, tests, soil borings, etc.

Line 6 - Enter estimated engineering inspection costs.

Line 7 - Enter estimated costs of site preparation and restoration which are not included in the basic construction contract.

Line 9 - Enter estimated cost of the construction contract.

Line 10 - Enter estimated cost of office, shop, laboratory, safety equipment, etc. to be used at the facility, if such costs are not included in the construction contract.

Line 11 - Enter estimated miscellaneous costs.

Line 12 - Total of items 1 through 11.

Line 13 - Enter estimated contingency costs. (Consult the Federal agency for the percentage of the estimated construction cost to use.)

Line 14 - Enter the total of lines 12 and 13.

Line 15 - Enter estimated program income to be earned during the grant period, e.g., salvaged materials, etc.

Line 16 - Subtract line 15 from line 14.

Line 17 - This block is for the computation of the Federal share. Multiply the total allowable project costs from line 16, column "c." by the Federal percentage share (this may be up to 100 percent; consult Federal agency for Federal percentage share) and enter the product on line 17.

ASSURANCES - CONSTRUCTION PROGRAMS

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0042), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the Awarding Agency. Further, certain Federal assistance awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will not dispose of, modify the use of, or change the terms of the real property title, or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal interest in the title of real property in accordance with awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure non-discrimination during the useful life of the project.
4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progress reports and such other information as may be required by the assistance awarding agency or State.
6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
7. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
8. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
10. Will comply with all Federal statutes relating to non-discrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.

11. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal and federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
12. Will comply with the provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
13. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333) regarding labor standards for federally-assisted construction subagreements.
14. Will comply with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
15. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
16. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
17. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
18. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
19. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL		TITLE	
<i>Phyllis West</i>		PHYLLIS WEST	
APPLICANT ORGANIZATION		DATE SUBMITTED	
CLACKAMAS COUNTY		5-26-10	

**Data Collection Form for Reporting on
AUDITS OF STATES, LOCAL GOVERNMENTS, AND NON-PROFIT ORGANIZATIONS
for Fiscal Year Ending Dates in 2008, 2009, or 2010**

▶ Complete this form, as required by OMB Circular A-133, "Audits of States, Local Governments, and Non-Profit Organizations."

PART 1**GENERAL INFORMATION (To be completed by auditee, except for Items 6, 7, and 8)**

1. Fiscal period ending date for this submission	2. Type of Circular A-133 audit	3. Audit period covered						
<table border="1"> <tr> <td>Month</td> <td>Day</td> <td>Year</td> </tr> <tr> <td>06</td> <td>30</td> <td>2009</td> </tr> </table>	Month	Day	Year	06	30	2009	1 <input checked="" type="checkbox"/> Single audit 2 <input type="checkbox"/> Program-specific audit	1 <input checked="" type="checkbox"/> Annual 3 <input type="checkbox"/> Other — <input type="text"/> Months 2 <input type="checkbox"/> Biennial
Month	Day	Year						
06	30	2009						

4. Auditee Identification Numbers**a.** Primary Employer Identification Number (EIN)

9 3 - 6 0 0 2 2 8 6

b. Are multiple EINs covered in this report? 1 Yes 2 No**c.** If Part I, Item 4b = "Yes," complete Part I, Item 4c on the continuation sheet on Page 4.**d.** Data Universal Numbering System (DUNS) Number

0 9 - 6 9 9 - 2 6 5 6

e. Are multiple DUNS covered in this report? 1 Yes 2 No**f.** If Part I, Item 4e = "Yes," complete Part I, Item 4f on the continuation sheet on Page 4.**5. AUDITEE INFORMATION**

a. Auditee name CLACKAMAS COUNTY, OREGON
b. Auditee address (Number and street) 2051 KAEN ROAD City OREGON CITY State OR ZIP + 4 Code 9 7 0 4 5 -
c. Auditee contact Name MARC GONZALES Title FINANCE DIRECTOR
d. Auditee contact telephone (503) 742 - 5405
e. Auditee contact FAX (503) 742 - 5401
f. Auditee contact E-mail MARCG@CO.CLACKAMAS.OR.US

g. AUDITEE CERTIFICATION STATEMENT – This is to certify that, to the best of my knowledge and belief, the auditee has: (1) engaged an auditor to perform an audit in accordance with the provisions of OMB Circular A-133 for the period described in Part I, Items 1 and 3; (2) the auditor has completed such audit and presented a signed audit report which states that the audit was conducted in accordance with the provisions of the Circular; and, (3) the information included in **Parts I, II, and III** of this data collection form is accurate and complete. I declare that the foregoing is true and correct.

Auditee certification	Date
ELECTRONICALLY CERTIFIED	3/31/2010
Name of certifying official MARC S. GONZALES	
Title of certifying official FINANCE DIRECTOR	

6. PRIMARY AUDITOR INFORMATION*(To be completed by auditor)*

a. Primary auditor name TALBOT, KORVOLA & WARWICK, LLP
b. Primary auditor address (Number and street) 4800 SW MACADAM AVE SUITE 400 City PORTLAND State OR ZIP + 4 Code 9 7 2 3 9 - 3 9 7 3
c. Primary auditor contact Name TIMOTHY B. GILLETTE Title PARTNER
d. Primary auditor contact telephone (503) 274 - 2849
e. Primary auditor contact FAX (503) 274 - 2853
f. Primary auditor contact E-mail TGILLETTE@TKW.COM

g. AUDITOR STATEMENT – The data elements and information included in this form are limited to those prescribed by OMB Circular A-133. The information included in Parts II and III of the form, except for Part III, Items 7, 8, and 9a-9f, was transferred from the auditor's report(s) for the period described in Part I, Items 1 and 3, and **is not a substitute** for such reports. The auditor has not performed any auditing procedures since the date of the auditor's report(s). A copy of the reporting package required by OMB Circular A-133, which includes the complete auditor's report(s), is available in its entirety from the auditee at the address provided in Part I of this form. As required by OMB Circular A-133, the information in **Parts II and III** of this form was entered in this form by the auditor based on information included in the reporting package. The auditor has not performed any additional auditing procedures in connection with the completion of this form.

7a. Add Secondary auditor information? (Optional) 1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	
b. If "Yes," complete Part I, Item 8 on the continuation sheet on page 5.	
Auditor certification	Date
ELECTRONICALLY CERTIFIED	3/31/2010

PART II FINANCIAL STATEMENTS (To be completed by auditor)

- 1. Type of audit report**
 Mark either: 1 Unqualified opinion **OR**
 any combination of: 2 Qualified opinion 3 Adverse opinion 4 Disclaimer of opinion
- 2. Is a "going concern" explanatory paragraph included in the audit report?** 1 Yes 2 No
- 3. Is a significant deficiency disclosed?** 1 Yes 2 No – SKIP to Item 5
- 4. Is any significant deficiency reported as a material weakness?** 1 Yes 2 No
- 5. Is a material noncompliance disclosed?** 1 Yes 2 No

PART III FEDERAL PROGRAMS (To be completed by auditor)

- 1. Does the auditor's report include a statement that the auditee's financial statements include departments, agencies, or other organizational units expending \$500,000 or more in Federal awards that have separate A-133 audits which are not included in this audit? (AICPA Audit Guide, Chapter 12)** 1 Yes 2 No
- 2. What is the dollar threshold to distinguish Type A and Type B programs? (OMB Circular A-133 § .520(b))** \$ 1,030,001
- 3. Did the auditee qualify as a low-risk auditee? (§ .530)** 1 Yes 2 No
- 4. Is a significant deficiency disclosed for any major program? (§ .510(a)(1))** 1 Yes 2 No –SKIP to Item 6
- 5. Is any significant deficiency reported for any major program as a material weakness? (§ .510(a)(1))** 1 Yes 2 No
- 6. Are any known questioned costs reported? (§ .510(a)(3) or (4))** 1 Yes 2 No
- 7. Were Prior Audit Findings related to direct funding shown in the Summary Schedule of Prior Audit Findings? (§ .315(b))** 1 Yes 2 No

- 8. Indicate which Federal agency(ies) have current year audit findings related to direct funding or prior audit findings shown in the Summary Schedule of Prior Audit Findings related to direct funding. (Mark (X) all that apply or None)**
- | | | | |
|--|---|---|---|
| 98 <input type="checkbox"/> U.S. Agency for International Development
10 <input type="checkbox"/> Agriculture
23 <input type="checkbox"/> Appalachian Regional Commission
11 <input type="checkbox"/> Commerce
94 <input type="checkbox"/> Corporation for National and Community Service
12 <input type="checkbox"/> Defense
84 <input type="checkbox"/> Education
81 <input type="checkbox"/> Energy
66 <input type="checkbox"/> Environmental Protection Agency | 39 <input type="checkbox"/> General Services Administration
93 <input checked="" type="checkbox"/> Health and Human Services
97 <input type="checkbox"/> Homeland Security
14 <input checked="" type="checkbox"/> Housing and Urban Development
03 <input type="checkbox"/> Institute of Museum and Library Services
15 <input checked="" type="checkbox"/> Interior
16 <input type="checkbox"/> Justice
17 <input type="checkbox"/> Labor
09 <input type="checkbox"/> Legal Services Corporation | 43 <input type="checkbox"/> National Aeronautics and Space Administration
89 <input type="checkbox"/> National Archives and Records Administration
05 <input type="checkbox"/> National Endowment for the Arts
06 <input type="checkbox"/> National Endowment for the Humanities
47 <input type="checkbox"/> National Science Foundation
07 <input type="checkbox"/> Office of National Drug Control Policy
59 <input type="checkbox"/> Small Business Administration | 96 <input type="checkbox"/> Social Security Administration
49 <input checked="" type="checkbox"/> U.S. Department of State
20 <input type="checkbox"/> Transportation
21 <input type="checkbox"/> Treasury
64 <input type="checkbox"/> Veterans Affairs
00 <input type="checkbox"/> None
<input type="checkbox"/> Other – Specify:
<div style="border: 1px solid black; width: 100px; height: 15px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 100px; height: 15px;"></div> |
|--|---|---|---|

PART III FEDERAL PROGRAMS - Continued

9. FEDERAL AWARDS EXPENDED DURING FISCAL YEAR		10. AUDIT FINDINGS					
CFDA Number	Name of Federal program (d)	Amount expended (e)	Direct award (f)	Major program (g)	Major program (h)	Type(s) of compliance requirement(s) (a)	Audit finding reference number(s) (b)
Federal Agency Prefix ¹ (a)	Extension ² (b)			Major program (g)	If yes, type of audit report (h)		
1 0	.028	\$ 75.00	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
1 0	.433	\$ 50,000.00	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
1 0	.769	\$ 12,000.00	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
1 0	.664	\$ 78,195.00	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
1 0	.679	\$ 101,245.00	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
1 0	.557	\$ 859,023.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	U	O	N/A
1 0	.665	\$ 5,778,732.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	U	I	09-16
1 4	.231	\$ 99,671.00	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
1 4	.235	\$ 370,112.00	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
1 4	.239	\$ 2,210,602.00	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No		O	N/A
TOTAL FEDERAL AWARDS EXPENDED		\$ 34,333,358.00					

¹ See Appendix 1 of instructions for valid Federal Agency two-digit prefixes.

² Or other identifying number when the Catalog of Federal Domestic Assistance (CFDA) number is not available. (See Instructions)

³ If major program is marked "Yes," enter only one letter (U = Unqualified opinion, Q = Qualified opinion, A = Adverse opinion, D = Disclaimer of opinion) corresponding to the type of audit report in the adjacent box. If major program is marked "No," leave the type of audit report box blank.

⁴ Enter the letter(s) of all type(s) of compliance requirement(s) that apply to audit findings (i.e., noncompliance, significant deficiency (including material weaknesses), questioned costs, fraud, and other items reported under § 510(a)) reported for each Federal program.

- A. Activities allowed or unallowed
- B. Allowable costs/cost principles
- C. Cash management
- D. Davis - Bacon Act
- E. Eligibility
- F. Equipment and real property management
- G. Matching, level of effort, earmarking
- H. Period of availability of Federal funds
- I. Procurement and suspension and debarment
- J. Program income
- K. Real property acquisition and relocation assistance
- L. Reporting
- M. Subrecipient monitoring
- N. Special tests and provisions
- O. None
- P. Other

PART III FEDERAL PROGRAMS - Continued

9. FEDERAL AWARDS EXPENDED DURING FISCAL YEAR		10. AUDIT FINDINGS							
Federal Agency Prefix ¹ (a)	CFDA Number Extension ² (b)	Research and development (c)	Name of Federal program (d)	Amount expended (e)	Direct award (f)	Major program (g)		Type(s) of compliance requirement(s) ⁴ (a)	Audit finding reference number(s) ⁵ (b)
						Major program	If yes, type of audit report ³ (h)		
1 4	.256	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	ARRA - NEIGHBORHOOD STABILIZATION PROGRAM	\$ 37,471.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
1 4	.235	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	SUPPORTIVE HOUSING PROGRAM	\$ 164,085.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
1 4	.218	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	COMMUNITY DEVELOPMENT BLOCK GRANTS/ENTITLEMENT GRANTS	\$ 3,428,219.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
1 4	.218	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	COMMUNITY DEVELOPMENT BLOCK GRANTS/ENTITLEMENT GRANTS	\$ 42,189.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
1 5	.214	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	NON-SALE DISPOSALS OF MINERAL MATERIAL	\$ 25,018.00	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
1 5	.226	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	PAYMENTS IN LIEU OF TAXES	\$ 346,752.00	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
1 5	.227	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	DISTRIBUTION OF RECEIPTS TO STATE AND LOCAL GOVERNMENTS	\$ 4,929,003.00	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	U	I	09-17
1 5	.234	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	SECURE RURAL SCHOOLS & COMMUNITY SELF-DETERMINATION	\$ 109,644.00	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
1 5	.616	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	CLEAN VESSEL ACT	\$ 675.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
1 5	.904	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	HISTORIC PRESERVATION FUND GRANTS-IN-AID	\$ 10,500.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
TOTAL FEDERAL AWARDS EXPENDED				\$ 34,333,358.00					

¹ See Appendix 1 of instructions for valid Federal Agency two-digit prefixes.

² Or other identifying number when the Catalog of Federal Domestic Assistance (CFDA) number is not available. (See Instructions)

³ If major program is marked "Yes," enter only one letter (U = Unqualified opinion, Q = Qualified opinion, A = Adverse opinion, D = Disclaimer of opinion) corresponding to the type of audit report in the adjacent box. If major program is marked "No," leave the type of audit report box blank.

⁴ Enter the letter(s) of all type(s) of compliance requirement(s) that apply to audit findings (i.e., noncompliance, significant deficiency (including material weaknesses), questioned costs, fraud, and other items reported under § 510(a)) reported for each Federal program.

- A. Activities allowed or unallowed
- B. Allowable costs/cost principles
- C. Cash management
- D. Davis - Bacon Act
- E. Eligibility
- F. Equipment and real property management
- G. Matching, level of effort, earmarking
- H. Period of availability of Federal funds
- I. Procurement and suspension and debarment
- J. Program income
- K. Real property acquisition and relocation assistance
- L. Reporting
- M. Subrecipient monitoring
- N. Special tests and provisions
- O. None
- P. Other

PART III FEDERAL PROGRAMS - Continued

9. FEDERAL AWARDS EXPENDED DURING FISCAL YEAR		10. AUDIT FINDINGS					
CFDA Number	Name of Federal program (d)	Amount expended (e)	Direct award (f)	Major program (g)	Major program (h)	Type(s) of compliance requirement(s) (a)	Audit finding reference number(s) (b)
Federal Agency Prefix ¹ (a)	Extension ² (b)	Research and development (c)	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		
1 6 .595	COMMUNITY CAPACITY DEVELOPMENT OFFICE	\$ 144,311.00	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	O	N/A
1 6 .606	STATE CRIMINAL ALIEN ASSISTANCE PROGRAM	\$ 108,124.00	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	O	N/A
1 6 .607	BUILDTOPROOF VEST PARTNERSHIP PROGRAM	\$ 7,902.00	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	O	N/A
1 6 .738	EDWARD BYRNE MEMORIAL JUSTICE ASSISTANCE GRANT PROGRAM	\$ 28,672.00	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	O	N/A
1 6 .710	PUBLIC SAFETY PARTNERSHIP AND COMMUNITY POLICING GRANTS	\$ 68,253.00	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	O	N/A
1 6 .523	JUVENILE ACCOUNTABILITY BLOCK GRANT	\$ 24,822.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	O	N/A
1 6 .540	JUVENILE JUSTICE & DELINQUENCY PREVENTION - ALLOCATION TO STATES	\$ 93,941.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	O	N/A
1 6 .549	COMMUNITY BASED ALTERNATIVES TO DETENTION OR INCARCERATION	\$ 25,000.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	O	N/A
1 6 .575	CRIME VICTIM ASSISTANCE	\$ 159,172.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	O	N/A
1 6 .580	EDWARD BYRNE MEMORIAL STATE AND LOCAL LAW ENFORCEMENT ASSISTANCE	\$ 6,000.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	O	N/A
TOTAL FEDERAL AWARDS EXPENDED		\$ 34,333,358.00					

¹ See Appendix 1 of instructions for valid Federal Agency two-digit prefixes.

² Or other identifying number when the Catalog of Federal Domestic Assistance (CFDA) number is not available. (See Instructions)

³ If major program is marked "Yes," enter only one letter (U = Unqualified opinion, Q = Qualified opinion, A = Adverse opinion, D = Disclaimer of opinion) corresponding to the type of audit report in the adjacent box. If major program is marked "No," leave the type of audit report box blank.

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- A. Activities allowed or unallowed
- B. Allowable costs/cost principles
- C. Cash management
- D. Davis - Bacon Act
- 5 N/A for NONE

- E. Eligibility
- F. Equipment and real property management
- G. Matching, level of effort, earmarking
- H. Period of availability of Federal funds

- I. Procurement and suspension and debarment
- J. Program income
- K. Real property acquisition and relocation assistance

- L. Reporting
- M. Subrecipient monitoring
- N. Special tests and provisions
- O. None
- P. Other

PART III FEDERAL PROGRAMS - Continued

9. FEDERAL AWARDS EXPENDED DURING FISCAL YEAR		10. AUDIT FINDINGS					
CFDA Number	Name of Federal program (d)	Amount expended (e)	Direct award (f)	Major program (g)	Major program (h)	Type(s) of compliance requirement(s) (a)	Audit finding reference number(s) (b)
Federal Agency Prefix ¹ (a)	Extension ² (b)			Major program (g)	If yes, type of audit report (h)		
1 6 .585	DRUG COURT DISCRETIONARY GRANT PROGRAM	\$ 1,481.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
1 6 .744	ANTI-GANG INITIATIVE	\$ 8,612.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
1 6 .588	WOMEN'S ENTREPRENEURSHIP AND SMALL BUSINESS VENTURE INITIATIVE	\$ 18,945.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
1 6 .595	COMMUNITY CAPACITY DEVELOPMENT OFFICE	\$ 44,368.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
1 6 .744	ANTI-GANG INITIATIVE	\$ 7,990.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
1 7 .261	WIA PILOTS, DEMONSTRATIONS, AND RESEARCH PROJECTS	\$ 1,153.00	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
1 7 .802	VETERANS EMPLOYMENT PROGRAM	\$ 735,896.00	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
1 7 .235	SENIOR COMMUNITY SERVICE EMPLOYMENT PROGRAM	\$ 104,275.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
1 7 .259	ARRA - WIA YOUTH ACTIVITIES	\$ 6,240.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
1 7 .260	WIA DISLOCATED WORKERS	\$ 16,569.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
TOTAL FEDERAL AWARDS EXPENDED		\$ 34,333,358.00					

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- B. Allowable costs/cost principles
- C. Cash management
- D. Davis - Bacon Act
- E. Eligibility
- F. Equipment and real property management
- G. Matching, level of effort, earmarking
- H. Period of availability of Federal funds
- I. Procurement and suspension and debarment
- J. Program income
- K. Real property acquisition and relocation assistance
- L. Reporting
- M. Subrecipient monitoring
- N. Special tests and provisions
- O. None
- P. Other

PART III FEDERAL PROGRAMS - Continued

9. FEDERAL AWARDS EXPENDED DURING FISCAL YEAR		10. AUDIT FINDINGS					
CFDA Number	Name of Federal program (d)	Amount expended (e)	Direct award (f)	Major program (g)	Major program (h)	Type(s) of compliance requirement(s) (a)	Audit finding reference number(s) (b)
Federal Agency Prefix ¹ (a)	Extension ² (b)			Major program (g)	If yes, type of audit report ³ (h)		
2 0	.218	\$ 72,323.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
2 0	.509	\$ 151,293.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
2 0	.205	\$ 1,023,897.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
2 0	.500	\$ 114,439.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
2 0	.507	\$ 12,764.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
2 0	.600	\$ 105,624.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
2 0	.605	\$ 7,456.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
6 6	.818	\$ 33,425.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
6 6	.432	\$ 204,606.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
8 1	.042	\$ 306,626.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	U	E	09-15
TOTAL FEDERAL AWARDS EXPENDED		\$ 34,333,358.00					

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- A. Activities allowed or unallowed
- B. Allowable costs/cost principles
- C. Cash management
- D. Davis - Bacon Act
- E. Eligibility
- F. Equipment and real property management
- G. Matching, level of effort, earmarking
- H. Period of availability of Federal funds
- I. Procurement and suspension and debarment
- J. Program income
- K. Real property acquisition and relocation assistance
- L. Reporting
- M. Subrecipient monitoring
- N. Special tests and provisions
- O. None
- P. Other

PART III FEDERAL PROGRAMS - Continued

9. FEDERAL AWARDS EXPENDED DURING FISCAL YEAR				10. AUDIT FINDINGS						
Federal Agency Prefix ¹ (a)	CFDA Number Extension ² (b)	Research and development (c)	Name of Federal program (d)	Amount expended (e)	Direct award (f)		Major program (g)	If yes, type of audit report ³ (h)	Type(s) of compliance requirement(s) ⁴ (a)	Audit finding reference number(s) ⁵ (b)
					1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No				
8 1	.042	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	ARRA - WEATHERIZATION ASSISTANCE FOR LOW-INCOME PERSONS	\$ 11,364.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	U	E	09-15
9 3	.224	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	CONSOLIDATED HEALTH CENTERS	\$ 1,170,951.00	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	J	EA	09-13,09-14
9 3	.276	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	DRUG FREE COMMUNITIES SUPPORT PROGRAM GRANTS	\$ 121,406.00	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
9 3	.043	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	SPECIAL PRGRMS FOR THE AGING TITLE III, PART D, DISEASE PREVENTION	\$ 19,529.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
9 3	.052	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	NATIONAL FAMILY CAREGIVER SUPPORT, TITLE III, PART E	\$ 99,399.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
9 3	.217	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	FAMILY PLANNING SERVICES	\$ 162,800.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
9 3	.235	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	ABSTINENCE EDUCATION PROGRAM	\$ 22,086.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
9 3	.283	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	CENTERS FOR DISEASE CONTROL & PREVENTION - INVESTIGATIONS & TECHNICAL ASS	\$ 220,945.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
9 3	.940	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	HIV PREVENTION ACTIVITIES HEALTH DEPARTMENT BASED	\$ 120,617.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
9 3	.556	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	PROMOTING SAFE AND STABLE FAMILIES	\$ 99,441.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
TOTAL FEDERAL AWARDS EXPENDED				\$ 34,333,358.00						

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- A. Activities allowed or unallowed
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- C. Cash management
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- E. Eligibility
- F. Equipment and real property management
- G. Matching, level of effort, earmarking
- H. Period of availability of Federal funds
- I. Procurement and suspension and debarment
- J. Program income
- K. Real property acquisition and relocation assistance
- L. Reporting
- M. Subrecipient monitoring
- N. Special tests and provisions
- O. None
- P. Other

PART III FEDERAL PROGRAMS - Continued

9. FEDERAL AWARDS EXPENDED DURING FISCAL YEAR		10. AUDIT FINDINGS							
CFDA Number Federal Agency Prefix ¹	Extension ² (b)	Research and development (c)	Name of Federal program (d)	Amount expended (e)	Direct award (f)	Major program (g)		Type(s) of compliance requirement(s) ⁴ (a)	Audit finding reference number(s) ⁵ (b)
						Major program	If yes, type of audit report ³ (h)		
9 3	.563	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	ARRA - CHILD SUPPORT ENFORCEMENT	\$ 352,660.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	U	O	N/A
9 3	.563	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	CHILD SUPPORT ENFORCEMENT	\$ 715,908.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	U	O	N/A
9 3	.667	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	SOCIAL SERVICES BLOCK GRANT	\$ 300,495.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	U	O	N/A
9 3	.568	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	LOW-INCOME HOME ENERGY ASSISTANCE	\$ 2,194,182.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	U	O	N/A
9 3	.958	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	BLOCK GRANTS FOR COMMUNITY MENTAL HEALTH SERVICES	\$ 109,815.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	U	O	N/A
9 3	.959	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	BLOCK GRANTS FOR PREVENTION AND TREATMENT OF SUBSTANCE ABUSE	\$ 667,278.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	U	O	N/A
9 3	.994	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	MATERNAL & CHILD HEALTH SERVICES BLOCK GRANT TO STATES	\$ 187,907.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	U	O	N/A
9 3	.044	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	SPECIAL PROGRAMS FOR THE AGING TITLE III, PART B, GRANTS FOR SUPPORTIVE SE	\$ 585,148.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	U	I	09-18
9 3	.045	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	SPECIAL PROGRAMS FOR THE AGING, TITLE III, PART C, NUTRITION SERVICES	\$ 398,043.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	U	I	09-18
9 3	.053	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	NUTRITION SERVICES INCENTIVE PROGRAM	\$ 134,218.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	U	I	09-18
TOTAL FEDERAL AWARDS EXPENDED				\$ 34,333,358.00					

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- G. Matching, level of effort, earmarking
- H. Period of availability of Federal funds
- I. Procurement and suspension and debarment
- J. Program income
- K. Real property acquisition and relocation assistance
- L. Reporting
- M. Subrecipient monitoring
- N. Special tests and provisions
- O. None
- P. Other

PART III FEDERAL PROGRAMS - Continued

9. FEDERAL AWARDS EXPENDED DURING FISCAL YEAR		10. AUDIT FINDINGS						
Federal Agency Prefix ¹ (a)	CFDA Number Extension ² (b)	Name of Federal program (d)	Amount expended (e)	Direct award (f)	Major program (g)	If yes, type of audit report ³ (h)	Type(s) of compliance requirement(s) ⁴ (a)	Audit finding reference number(s) ⁵ (b)
9 3	.268	IMMUNIZATION GRANTS	\$ 696,058.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input checked="" type="checkbox"/> Yes 2 <input type="checkbox"/> No	Q	N	09-10,09-11,09-12
9 3	.558	TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	\$ 419,495.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
9 3	.569	COMMUNITY SERVICES BLOCK GRANT	\$ 282,858.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
9 3	.575	CHILD CARE AND DEVELOPMENT BLOCK GRANT	\$ 194,288.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
9 3	.778	MEDICAL ASSISTANCE PROGRAM	\$ 92,799.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
9 4	.002	RETIRED AND SENIOR VOLUNTEER PROGRAM	\$ 74,195.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
9 4	.016	SENIOR COMPANION PROGRAM	\$ 117,069.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
9 4	.007	PLANNING AND PROGRAM DEVELOPMENT GRANTS	\$ 1,559.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
9 7	.036	DISASTER GRANTS - PUBLIC ASSISTANCE	\$ 289,221.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
9 7	.042	EMERGENCY MANAGEMENT PERFORMANCE GRANTS	\$ 1,021,033.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
TOTAL FEDERAL AWARDS EXPENDED			\$ 34,333,358.00					

¹ See Appendix 1 of instructions for valid Federal Agency two-digit prefixes.

² Or other identifying number when the Catalog of Federal Domestic Assistance (CFDA) number is not available. (See Instructions)

³ If major program is marked "Yes," enter only one letter (U = Unqualified opinion, Q = Qualified opinion, A = Adverse opinion, D = Disclaimer of opinion) corresponding to the type of audit report in the adjacent box. If major program is marked "No," leave the type of audit report box blank.

⁴ Enter the letter(s) of all type(s) of compliance requirement(s) that apply to audit findings (i.e., noncompliance, significant deficiency (including material weaknesses), questioned costs, fraud, and other items reported under § 510(a)) reported for each Federal program.

- A. Activities allowed or unallowed
- B. Allowable costs/cost principles
- C. Cash management
- D. Davis - Bacon Act
- E. Eligibility
- F. Equipment and real property management
- G. Matching, level of effort, earmarking
- H. Period of availability of Federal funds
- I. Procurement and suspension and debarment
- J. Program income
- K. Real property acquisition and relocation assistance
- L. Reporting
- M. Subrecipient monitoring
- N. Special tests and provisions
- O. None
- P. Other

PART III FEDERAL PROGRAMS - Continued

9. FEDERAL AWARDS EXPENDED DURING FISCAL YEAR		10. AUDIT FINDINGS							
Federal Agency Prefix ¹ (a)	CFDA Number Extension ² (b)	Research and development (c)	Name of Federal program (d)	Amount expended (e)	Direct award (f)	Major program (g)		Type(s) of compliance requirement(s) ⁴ (a)	Audit finding reference number(s) ⁵ (b)
						Major program	If yes, type of audit report ³ (h)		
9 7	.073	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	STATE HOMELAND SECURITY PROGRAM	\$ 49,026.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
9 7	.074	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	LAW ENFORCEMENT TERRORISM PREVENTION PROGRAM	\$ 65,000.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
9 7	.012	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	BOATING SAFETY FINANCIAL ASSISTANCE	\$ 382,179.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
9 7	.008	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	URBAN AREA SECURITY INITIATIVE	\$ 507,237.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
9 7	.024	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	EMERGENCY FOOD AND SHELTER NATIONAL BOARD	\$ 154,759.00	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No		O	N/A
		1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No		\$.00	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No			
		1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No		\$.00	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No			
		1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No		\$.00	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No			
		1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No		\$.00	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No			
		1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No		\$.00	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No			
		1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No		\$.00	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No			
		1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No		\$.00	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No			
TOTAL FEDERAL AWARDS EXPENDED				\$ 34,333,358.00					

¹ See Appendix 1 of instructions for valid Federal Agency two-digit prefixes.

² Or other identifying number when the Catalog of Federal Domestic Assistance (CFDA) number is not available. (See Instructions)

³ If major program is marked "Yes," enter only one letter (U = Unqualified opinion, Q = Qualified opinion, A = Adverse opinion, D = Disclaimer of opinion) corresponding to the type of audit report in the adjacent box. If major program is marked "No," leave the type of audit report box blank.

⁴ Enter the letter(s) of all type(s) of compliance requirement(s) that apply to audit findings (i.e., noncompliance, significant deficiency (including material weaknesses), questioned costs, fraud, and other items reported under § .510(a)) reported for each Federal program.

- A. Activities allowed or unallowed
- B. Allowable costs/cost principles
- C. Cash management
- D. Davis - Bacon Act
- E. Eligibility
- F. Equipment and real property management
- G. Matching, level of effort, earmarking
- H. Period of availability of Federal funds
- I. Procurement and suspension and debarment
- J. Program income
- K. Real property acquisition and relocation assistance
- L. Reporting
- M. Subrecipient monitoring
- N. Special tests and provisions
- O. None
- P. Other

PART I GENERAL INFORMATION - Continued

8. Part I, Item 8, Secondary Auditor's Contact Information. (List the Secondary Auditor's Contact information)

<p>1. a. Secondary Auditor name N / A</p> <p>b. Secondary Auditor address (Number and street)</p> <p>City</p> <p>State ZIP + 4 Code SUBWIL</p> <p>c. Secondary Auditor contact Name Secondary Auditor contact SUBWIL</p> <p>Title</p>	<p>2. a. Secondary Auditor name</p> <p>b. Secondary Auditor address (Number and street)</p> <p>City</p> <p>State ZIP + 4 Code TTLED</p> <p>c. Secondary Auditor contact Name Secondary Auditor contact TTLED</p> <p>Title</p>	<p>3. a. Secondary Auditor name</p> <p>b. Secondary Auditor address (Number and street)</p> <p>City</p> <p>State ZIP + 4 Code ATAA</p> <p>c. Secondary Auditor contact Name Secondary Auditor contact ATAA</p> <p>Title</p>
<p>d. Secondary Auditor contact telephone () -</p> <p>e. Secondary Auditor contact FAX () -</p> <p>f. Secondary Auditor contact E-mail</p>	<p>d. Secondary Auditor contact telephone () -</p> <p>e. Secondary Auditor contact FAX () -</p> <p>f. Secondary Auditor contact E-mail</p>	<p>d. Secondary Auditor contact telephone () -</p> <p>e. Secondary Auditor contact FAX () -</p> <p>f. Secondary Auditor contact E-mail</p>
<p>4. a. Secondary Auditor name</p> <p>b. Secondary Auditor address (Number and street)</p> <p>City</p> <p>State ZIP + 4 Code - -</p> <p>c. Secondary Auditor contact Name Secondary Auditor contact</p> <p>Title</p>	<p>5. a. Secondary Auditor name</p> <p>b. Secondary Auditor address (Number and street)</p> <p>City</p> <p>State ZIP + 4 Code - -</p> <p>c. Secondary Auditor contact Name Secondary Auditor contact</p> <p>Title</p>	<p>6. a. Secondary Auditor name</p> <p>b. Secondary Auditor address (Number and street)</p> <p>City</p> <p>State ZIP + 4 Code - -</p> <p>c. Secondary Auditor contact Name Secondary Auditor contact</p> <p>Title</p>
<p>d. Secondary Auditor contact telephone () -</p> <p>e. Secondary Auditor contact FAX () -</p> <p>f. Secondary Auditor contact E-mail</p>	<p>d. Secondary Auditor contact telephone () -</p> <p>e. Secondary Auditor contact FAX () -</p> <p>f. Secondary Auditor contact E-mail</p>	<p>d. Secondary Auditor contact telephone () -</p> <p>e. Secondary Auditor contact FAX () -</p> <p>f. Secondary Auditor contact E-mail</p>



FAC DETERMINED DATA

- * FAC DETERMINED TYPE OF ENTITY: **County-General Purpose Government**
- * FAC DETERMINED CURRENT YEAR DIRECT FINDINGS: **YES**
- * FAC DETERMINED COGNIZANT (C) OR OVERSIGHT (O) AGENCY*: **o**
(Please refer to the FAQ's for definitions)
- * FAC DETERMINED COGNIZANT OR OVERSIGHT AGENCY FEDERAL AGENCY PREFIX: **14**
- * FAC DETERMINED TYPE OF AUDIT REPORT ON MAJOR PROGRAM COMPLIANCE
BASED ON 1997 – 2003 SF-SAC FORM INSTRUCTIONS: **q**
- * The items above are not reported on the Form SF-SAC, but are determined by the FAC

BTOP Comprehensive Community Infrastructure Detailed Budget

Please complete the General Budget Overview and Detailed Project Costs worksheets.

Please refer to the Comprehensive Community Infrastructure Grant Guidance for detailed instructions on the completing this upload.

Applicants are required to provide this upload as an Excel file, and not to convert it to a PDF prior to upload. Applicants should not alter the layout of the provided templates, except to insert additional line-items as needed in the Detailed Project Costs worksheet.

Important Update - 3/19/2010: This template has been updated with the addition of a new column in the Detailed Project Costs worksheet. The new column, titled "Cash Match Percentage" allows Applicants to specify the percentage of the line item cost the will be provided by the cash match. This column is only relevant if "Cash Match" is selected in column C (the "Match" column). If "Cash Match" is selected in column C, Applicants should specify a percentage in the Cash Match Percentage field--100% means that the line item will be paid for entirely from the cash match, 0% means that it is paid for entirely from the federal request, any other amount will allocate the costs between the federal request and the cash match.

Note that *it is not required for Applicants to use this updated template*. Applicants that submit their detailed budget using the previously available template will not be penalized. In the previous version of this template, selecting "Cash Match" in column C indicates that 100% of the line item cost will be paid from the cash match.

General Budget Overview

Budget	Federal Funding Request	Matching Funds (Cash)	Matching Funds (In-Kind)	Budget TOTAL	Last Mile Allocation	Middle Mile Allocation	Allocated TOTAL
Network & Access Equipment (switching, routing, transport, access)	\$0		\$2,320,000	\$2,320,000	\$0.00	\$2,320,000.00	\$2,320,000
Outside Plant (cables, conduits, ducts, poles, towers, repeaters, etc.)	\$6,514,097	\$519,069		\$7,033,166	\$0.00	\$7,033,166.00	\$7,033,166
Buildings and Land – (new construction, improvements, renovations, lease)				\$0			\$0
Customer Premise Equipment (modems, set-top boxes, inside wiring, etc.)				\$0			\$0
Billing and Operational Support Systems (IT systems, software, etc.)	\$10,000	\$0		\$10,000	\$0.00	\$10,000.00	\$10,000
Operating Equipment (vehicles, office equipment, other)				\$0			\$0
Engineering/Professional Services (engineering design, project management, consulting, etc.)	\$1,183,084	\$505,580		\$1,688,664	\$0.00	\$1,688,663.50	\$1,688,664
Testing (network elements, IT system elements, user devices, test generators, lab furnishings, servers/computers, etc.)	\$97,000			\$97,000	\$0.00	\$97,000.00	\$97,000
Site Preparation				\$0			\$0
Other				\$0			\$0
TOTAL BROADBAND SYSTEM:	\$7,804,181	\$1,024,649	\$2,320,000	\$11,148,830	\$0	\$11,148,830	\$11,148,830
Cost Share Percentage:	70.00%	9.19%	20.81%				

DETAIL OF PROJECT COSTS

PLEASE COMPLETE THE TABLE BELOW FOR THE DIFFERENT CATEGORIES OF EQUIPMENT THAT WILL BE REQUIRED FOR COMPLETING THE PROJECT. EACH CATEGORY SHOULD BE BROKEN DOWN TO THE APPROPRIATE LEVEL FOR IDENTIFYING UNIT COST

		Match (Cash/In-kind)	Cash Match Percentage	Unit Cost	No. of Units	Total Cost	Last Mile Allocation	Middle Mile Allocation	Allocated Total	SF-424C Budget Category	Support of Reasonableness
NETWORK & ACCESS EQUIPMENT						\$2,320,000	\$0	\$2,320,000	\$2,320,000		
Switching	Ethernet Switch	In-kind Match		\$8,500.00	160	\$1,360,000		\$1,360,000.00	\$1,360,000	10. Equipment	Vendor quote
	SFP transceiver modules	In-kind Match		\$3,000.00	320	\$960,000		\$960,000.00	\$960,000	10. Equipment	Vendor quote
						\$0			\$0		
Routing						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Transport						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Access						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Other						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
OUTSIDE PLANT						\$7,033,166	\$0	\$7,033,166	\$7,033,166		
Cables	Fiber Cable - materials	Cash Match	15.4557%	3.52	954100	\$3,358,432		\$3,358,432	\$3,358,432	9. Construction	Contractor estimate and quote
	Fiber Optic Cable - labor	No Match		3.75	954100	\$3,577,875		\$3,577,875	\$3,577,875	9. Construction	Contractor estimate and quote
						\$0			\$0		
Conduits						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Ducts	Underground Duct Construction			\$7.54	12846	\$96,859		\$96,859	\$96,859	9. Construction	Contractor estimate and quote
						\$0			\$0		
						\$0			\$0		
Poles						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Towers						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Repeaters						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Other						\$0			\$0		
						\$0			\$0		
						\$0			\$0		

		Match (Cash/In-kind)	Cash Match Percentage	Unit Cost	No. of Units	Total Cost	Last Mile Allocation	Middle Mile Allocation	Allocated Total	SF-424C Budget Category	Support of Reasonableness
BUILDINGS						\$0	\$0	\$0	\$0		
New Construction						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Pre-Fab Huts						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Improvements &						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Other						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
CUSTOMER PREMISE EQUIPMENT						\$0	\$0	\$0	\$0		
Modems						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Set Top Boxes						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Inside Writing						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Other						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
BILLING SUPPORT AND OPERATIONS SUPPORT SYSTEMS						\$10,000	\$0	\$10,000	\$10,000		
Billing Support						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Customer Care						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Other Support						\$0			\$0		
	Open NMS Software	No Match		10000	1	\$10,000		\$10,000	\$10,000	1. Admin and Legal	Vendor quote
						\$0			\$0		

		Match (Cash/In-kind)	Cash Match Percentage	Unit Cost	No. of Units	Total Cost	Last Mile Allocation	Middle Mile Allocation	Allocated Total	SF-424C Budget Category	Support of Reasonableness
OPERATING EQUIPMENT											
Vehicles						\$0	\$0	\$0	\$0		
						\$0			\$0		
						\$0			\$0		
Office Equipment /						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Other						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
PROFESSIONAL SERVICES						\$1,688,664	\$0	\$1,688,664	\$1,688,664		
Engineering	Outside Plant Engineering			1.24	954100	\$1,183,084		\$1,183,084	\$1,183,084	4. Architectural and engr.	Consulting Engineer estimate
						\$0			\$0		
						\$0			\$0		
Project						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Consulting						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Other	Project Manager	Cash Match	100.00%	99706	3	\$299,118		\$299,118	\$299,118	1. Admin and Legal	1 FTE per year for 3 years
	Network Engineer	Cash Match	100.00%	35897	3	\$107,690		\$107,690	\$107,690	1. Admin and Legal	25% FTE per year for 3 years
	Management Oversight	Cash Match	100.00%	32924	3	\$98,772		\$98,772	\$98,772	1. Admin and Legal	20% FTE per year for 3 years
						\$0			\$0		
TESTING						\$97,000	\$0	\$97,000	\$97,000		
Network						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
IT System						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
User Devices						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Test Generators	Fiber test Equipment	No Match		60000	1	\$60,000		\$60,000	\$60,000	1. Admin and Legal	Vendor quote
	Fusion Splicing Machine	No Match		30000	1	\$30,000		\$30,000	\$30,000	1. Admin and Legal	Vendor quote
						\$0			\$0		
Lab						\$0			\$0		
						\$0			\$0		
						\$0			\$0		
Servers/Computer	Log Server	No Match		7000	1	\$7,000		\$7,000	\$7,000	1. Admin and Legal	Vendor quote
						\$0			\$0		
						\$0			\$0		

	Match (Cash/In-kind)	Cash Match Percentage	Unit Cost	No. of Units	Total Cost	Last Mile Allocation	Middle Mile Allocation	Allocated Total	SF-424C Budget Category	Support of Reasonableness
OTHER UPFRONT COSTS					\$0	\$0	\$0	\$0		
Site					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
Other					\$0			\$0		
					\$0			\$0		
					\$0			\$0		
PROJECT TOTAL:					\$11,148,830	\$0	\$11,148,830	\$11,148,830		

SF-424C Cross-check Totals	
1. Admin and Legal	\$612,580
2. Land, structures	\$0
3. Relocation expenses	\$0
4. Architectural and engr.	\$1,183,084
5. Other archit. and engr.	\$0
6. Inspection fees	\$0
7. Site work	\$0
8. Demolition/removal	\$0
9. Construction	\$7,033,166
10. Equipment	\$2,320,000
11. Misc.	\$0

Matching Contribution Cross-check Totals	
Federal Funding Request	\$7,804,181
Cash Match Contribution	\$1,024,649
In-kind Match Contribution	\$2,320,000

Approach to allocating Last Mile and Middle Mile costs:

This is entirely a Middle Mile project, so all of the costs have been allocated to Middle Mile.

CERTIFICATION REGARDING LOBBYING LOWER TIER COVERED TRANSACTIONS

Applicants should review the instructions for certification included in the regulations before completing this form. Signature on this form provides for compliance with certification requirements under 15 CFR Part 28, "New Restrictions on Lobbying."

LOBBYING

As required by Section 1352, Title 31 of the U.S. Code, and implemented at 15 CFR Part 28, for persons entering into a grant, cooperative agreement or contract over \$100,000 or a loan or loan guarantee over \$150,000 as defined at 15 CFR Part 28, Sections 28.105 and 28.110, the applicant certifies that to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure occurring on or before October 23, 1996, and of not less than \$11,000 and not more than \$110,000 for each such failure occurring after October 23, 1996.

Statement for Loan Guarantees and Loan Insurance

The undersigned states, to the best of his or her knowledge and belief, that:

In any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure occurring on or before October 23, 1996, and of not less than \$11,000 and not more than \$110,000 for each such failure occurring after October 23, 1996.

As the duly authorized representative of the applicant, I hereby certify that the applicant will comply with the above applicable certification.

NAME OF APPLICANT

Clackamas County

AWARD NUMBER AND/OR PROJECT NAME

5884 / Clackamas Broadband Innovation Initiative

PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE

Steve Wheeler, County Administrator

SIGNATURE

DATE

5-10-10

CERTIFICATION REGARDING LOBBYING

Applicants should also review the instructions for certification included in the regulations before completing this form. Signature on this form provides for compliance with certification requirements under 15 CFR Part 28, "New Restrictions on Lobbying." The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Department of Commerce determines to award the covered transaction, grant, or cooperative agreement.

LOBBYING

As required by Section 1352, Title 31 of the U.S. Code, and implemented at 15 CFR Part 28, for persons entering into a grant, cooperative agreement or contract over \$100,000 or a loan or loan guarantee over \$150,000 as defined at 15 CFR Part 28, Sections 28.105 and 28.110, the applicant certifies that to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure occurring on or before October 23, 1996, and of not less than \$11,000 and not more than \$110,000 for each such failure occurring after October 23, 1996.

As the duly authorized representative of the applicant, I hereby certify that the applicant will comply with the above applicable certification.

Statement for Loan Guarantees and Loan Insurance

The undersigned states, to the best of his or her knowledge and belief, that:

In any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure occurring on or before October 23, 1996, and of not less than \$11,000 and not more than \$110,000 for each such failure occurring after October 23, 1996.

NAME OF APPLICANT

Clackamas County

AWARD NUMBER AND/OR PROJECT NAME

5884 / Clackamas Broadband Innovation Initiative

PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE

Steve Wheeler, County Administrator

SIGNATURE

Steve Wheeler

DATE

5-10-10



Comprehensive Community Infrastructure **Budget Narrative Template**

Applicant Name: Clackamas County, OR

EasyGrants Number: 5884

Organization Type: County Government

Proposed Period of Performance: Sept 30, 2010 – Dec 31, 2012

Total Project Costs: \$11,148,830

Total Federal Grant Request: \$7,804,181

Total Matching Funds (Cash): \$1,024,649

Total Matching Funds (In-Kind): \$2,320,000

Total Matching Funds (Cash + In-Kind): \$3,344,649

Total Matching Funds (Cash + In-Kind) as Percentage of Total Project Costs: 30%

1. Administrative and legal expenses - \$612,580

- Provide a breakout of position(s), time commitment(s) such as hours or level-of-effort, and salary information/rates with a detailed explanation, and additional information as needed.

The Clackamas Broadband Innovation Initiative contains a total of \$612,580 in Administrative expenses. These expenses are broken into 2 main areas: The professional services costs of \$505,580 which comprise 82.5% of the total administrative costs, and the Equipment costs of \$107,000 which is 17.5% of the total administrative costs of \$612,580. These 2 cost areas are further defined in the following 2 charts.

Professional services comprise the majority of the administrative costs at \$505,580 (or 82.5%) in the form of cash matching contributions by the county. This includes a full-time project manager for 3 years, as well as professional services by 2 other existing county personnel. An existing network engineer is projected to spend 25% of his time for 3 years on the project, and the department manager is projected to spend 20% of his time over a 3-year period.



PROFESSIONAL SERVICE COSTS CHART

Staff	Level of Effort	Years	Rate	Total Cost
Project Manager	100%	3	\$99,706/yr	\$299,118
Department Manager	20%	3	\$32,924/yr	\$98,772
Network Engineer	25%	3	\$35,897/yr	\$107,690
TOTAL:				\$505,580

Outside of the professional service costs, this category also includes the equipment costs of \$107,000 (or 17.5%) of the total administrative costs of \$612,580. This equipment costs is detailed in the below chart. This includes \$17,000 in Network Management software and hardware: \$10,000 for network management software and \$7,000 for its associated server. This \$17,000 cost represents 3.2% of the Administrative cost of the project. In addition to the Network Management cost, the Administrative category also includes a fiber splicing machine and fiber optic test equipment. These items will be necessary for maintenance and administration of the initial network as well as the long term operation of the network. These items total out to \$90,000. A table summarizing these costs is shown below.

EQUIPMENT / NETWORK MANAGEMENT COSTS CHART

Item	Unit Cost	No. of Units	Total Cost
Open NMS Software	\$10,000	1	\$10,000
Log Server	\$7,000	1	\$ 7,000
Fiber Optic Test Equipment	\$60,000	1	\$60,000
Fusion Splicing Machine	\$30,000	1	\$30,000
TOTAL:			\$107,000



- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.

- The total administrative costs for the Clackamas Broadband Innovation Initiative is \$612,580.

- This total consist of 2 areas:

- Professional Services Costs \$505,580 (82.5 % of total)
- Equipment / Network Management Costs \$107,000 (17.5 % of total)

TOTAL Administrative Costs	\$612,580 (100%)
----------------------------	------------------

- The Professional services is detailed in the PROFESSIONAL SERVICES chart above. The County calculated the expected time to be spent by its Technical Services personnel on the build-out and administration of the project. This calculated Professional Services calculation resulted in 3 Positions: 1 hired Full-time project manager, 1 existing Network Engineer at 25% utilization and 1 existing technical services manager at 20% utilization. All 3 positions required for the expected 3 year life of the project. Afterwhich, the existing positions will continue to assist in the support of the project fully funded by the County. The Project Manager position will no longer be required.

- The Equipment and Network Management costs are detailed in the EQUIPMENT / NETWORK MANAGEMENT chart above. The Open NMS Software / Log Server are required to monitor the status of the fiber network and are the standard network monitoring utility used by the County. The fiber splicing machine and fiber optic test equipment are required in the construction and maintenance of the fiber infrastructure.

- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.

In-Kind Source n/a

2. Land, structure, rights-of-way, appraisals, etc. – n/a

- Provide description of estimated costs, proposed activities, and additional information as needed.

n/a

- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.

n/a

- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.

n/a

3. Relocation expenses and payment - n/a



- Provide explanation for the relocation, description of the person involved in the relocation, method used to calculate costs, and additional information as needed.

n/a

- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.

n/a

- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.

n/a

4. Architectural and engineering fees - \$1,183,084

- Provide description of estimated fees, rates, explanation of proposed services, and additional information as needed.

The County has worked with Engineering Associates, a Professional Engineering firm specializing in telecommunications, while preparing this application. In addition, the County has worked with North Sky Communications, an experienced telecommunications specialty contracting firm, in analyzing and determining the route of the fiber optic cable. Through the collaboration of these two professional firms, Clackamas County has obtained an estimate of the engineering costs of the project. The estimated cost for the outside plant engineering is \$1,183,084, which is 10.6% of the entire project, or 16.8% of the outside construction budget. On a per-unit basis this amount equates to \$6547 per mile. Both of these figures are well within commonly used budgetary guidelines for outside plant engineering.

The outside plant engineering cost includes the following tasks:

- Field engineering including staking of new cable routes
- Construction drawings and specifications for new cable routes
- “Make ready” work for all aerial cable routes
- On-site inspection during cable construction phase
- As-built drawings and project closeouts
- Resident Engineering for multiple construction crews

- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.

No matching funds will be contributed toward this cost.



- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.

No matching funds will be contributed toward this cost.

5. Other architectural and engineering fees – n/a

- Provide description of estimated fees, rates, explanation of proposed services, and additional information as needed.

No additional Architectural or Engineering fees are included in the project. All such costs are noted in Section 4 above.

- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.

n/a

- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.

n/a

6. Project inspection fees – n/a

- Provide description of estimated fees, rates, explanation of proposed services, and additional information as needed.

n/a

- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.

n/a

- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.

n/a

7. Site work – n/a



- Provide description of estimated fees, rates, explanation of proposed services, and additional information as needed.

n/a

- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.

n/a

- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.

n/a

8. Demolition and removal – n/a

- Provide description of estimated fees, rates explanation of proposed services, and additional information as needed.

n/a

- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.

n/a

- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.

n/a

9. Construction - \$7,033,166

- Provide description of estimated fees, rates, explanation of proposed services, state whether the work is being completed by the applicant or an outside contractor, and additional information as needed.

The bulk of the project's costs will be in the fiber optic cable construction. All of this cost (\$7,033,166 or 63.1%) is allocated in the Construction category. The total route footage of the new ring is 954,100, or approximately 180 miles. The route distances, route details, and estimated costs have been determined by working with North Sky Communications, a locally-based, experienced, and respected telecommunications specialty contracting firm.

The line items in the "Detail of Project Costs" worksheet show separate costs for materials (\$3,358,432) and labor (\$3,577,875). These line items include all associated costs with installing the fiber optic cable



along the route. These include: fiber optic cable, new strand wire (where required), attachment hardware for existing pole lines, building entrances (all in existing buildings), fiber terminations in buildings, fiber optic cable testing, etc. In addition, the route does contain a few areas where underground construction will be required. A separate line item has been established for the cost of underground construction (\$96,859). The initial route analysis has identified a total of 12,846 feet (2.4 miles) of underground construction. This per-foot cost includes all labor and materials associated with trenching, boring, installing conduit and pull boxes, etc. These areas have been identified by an initial field survey and are specified on the Network Map document.

The following chart gives the breakout of costs the comprise the material cost of \$3,358,432 (B) as well as the underground conduit costs of \$96,859 (A) for a total materials costs of \$3,455,291 for the entire distance of 954,100 feet.

Clackamas County # 5884 Enterprise Fiber System Estimated Costs	MATERIALS				Under Ground	TOTAL COUNT	TOTAL COST
	Main Ring	26 Spur	224 Ring	Last Mile			
MATERIALS REQUIRED							
Estimated Distance / ft	414,216	153,120	86,064	300,700	12,846	954,100	
Fiber Stand Count	216	144	216	24			
Estimated # of Poles	3,100					3100	
# Splice Points (1 per 4000 ft)	104	38	22	158		321	
MATERIAL COSTS						UNIT COST	
Average Fiber Costs (per foot)	\$774,584	\$286,334	\$160,940	\$562,309	\$0	\$1.87	\$1,784,167
Messenger Cable (per foot)	\$214,978	\$79,469	\$44,667	\$156,063	\$0	\$0.52	\$495,178
Pole Attachments (per pole)	\$189,720					\$61.20	\$189,720
Aerial Hardware (per foot)	\$132,549	\$48,998	\$27,540	\$96,224	\$0	\$0.32	\$305,312
Splice Materials (per splice)	\$129,443	\$47,850	\$26,895	\$197,500	\$0	\$1,250.00	\$401,688
Warehousing / Distribution (flat)	\$132,368						\$132,368
Underground Conduit (per foot) (A)					\$96,859	\$7.54	\$96,859
Project Contingency (flat amount)	\$50,000						\$50,000
TOTAL						(B)	\$3,455,291
(A) - This is the total cost for trenching / boring under several roads / gaps in poles and running the fiber through 2" conduit =							\$96,859
(B) - The total material cost including underground =							\$3,455,291
The total material costs WITHOUT underground =							\$3,358,432

- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.

The County will provide all of its matching cash contribution as an offset for the cost of the outside plant construction. This amount (\$519,069) represents 7.4% of the total cost of the construction. The county has these funds available from internal sources; no financing or debt will be required to raise this amount. A letter from the County committing to this cash match has been included as part of the application.

- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.

None of the county's matching contribution for this particular category is in-kind; all matching funds for the Construction category come from cash contributions.



10. Equipment - \$2,320,000

- Provide a list of equipment in the form of a table with description, number of units, unit cost, state whether it is being purchased or leased, and additional information as needed.

The equipment category represents the second-largest category in terms of project expense. The category includes \$2,320,000, which represents 20.8% of the total project amount.

This category includes all of the Ethernet switching equipment which will be connected to the new fiber network. These Ethernet switches will be located at the anchor institutions and will be used for the broadband connections to the end users in the anchor institutions. A total of 160 switches will be located in these locations. Each switch will be equipped with optical transceivers which connect to the fiber backbone, for a total of 320 optical transceivers.

A table of all items in the Equipment category follows. Each entry can be matched to a line item in the "Detail of Project Costs" worksheet.

Description	Unit Cost	Units	Cost	Notes
Ethernet switches	\$8500	160	\$1,360,000	Purchased by anchor institutions
Optical transceivers	\$3000	320	\$960,000	Purchased by anchor institutions
Totals			\$2,320,000	

- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.

No cash matching contributions are included in this category.

- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.

All of the Ethernet switches at the anchor institutions will be purchased by different county government departments. This will include schools, public safety, county government offices, etc. As such these items are shown as in-kind matching contributions in the total amount of \$2,320,000.



11. Miscellaneous – n/a

- Provide additional information as needed.

n/a

- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.

n/a

- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.

n/a

13. Contingencies - \$0

- Contingencies are an unallowable expenditures under BTOP.

15. Project (program) income - \$0

- The value for this line-item on the SF-424C is \$0. Please do not provide an estimated Project (program income) on the SF-424C.



Addendum

- Very few indirect costs are allowable through BTOP. If any allowable indirect costs and/or fringe benefits are included in the budget, please provide a copy of your existing Negotiated Indirect Cost Recovery Agreement (NICRA), if available. If the NICRA is applied accordingly in the budget, there is no need to justify the costs. If a NICRA is not available or is not consistent with the rates/calculations in the budget, please provide an explanation of how the amounts were calculated. Please clearly list the manner in which indirect costs are calculated in the budget.

Note: Verify that indirects are calculated correctly and are eligible BTOP costs. To clarify, reasonable indirect costs under BTOP are only allowable for Full Time Employees (FTEs) associated with the construction, deployment, or installation of facilities or equipment used to provide broadband service.

n/a

DISCLOSURE OF LOBBYING ACTIVITIES

Complete this form to disclose lobbying activities pursuant to 31 U.S.C. 1352

Approved by OMB

0348-0046

(See reverse for public burden disclosure.)

1. Type of Federal Action: <input type="checkbox"/> B a. contract <input type="checkbox"/> b. grant <input type="checkbox"/> c. cooperative agreement <input type="checkbox"/> d. loan <input type="checkbox"/> e. loan guarantee <input type="checkbox"/> f. loan insurance	2. Status of Federal Action: <input type="checkbox"/> A a. bid/offer/application <input type="checkbox"/> b. initial award <input type="checkbox"/> c. post-award	3. Report Type: <input type="checkbox"/> A a. initial filing <input type="checkbox"/> b. material change For Material Change Only: year _____ quarter _____ date of last report _____
4. Name and Address of Reporting Entity: <input checked="" type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____, if known: Clackamas County 2051 Kaen Road Oregon City, OR 97045 Congressional District, if known: OR - 5		5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime: Congressional District, if known:
6. Federal Department/Agency: NTIA	7. Federal Program Name/Description: BTOP CFDA Number, if applicable: _____	
8. Federal Action Number, if known:	9. Award Amount, if known: \$	
10. a. Name and Address of Lobbying Registrant <i>(if individual, last name, first name, MI):</i> Hal Heimstra Ball Janik, LLP 1455 F Street, NW, Suite 225 Washington, DC 20005	b. Individuals Performing Services <i>(including address if different from No. 10a)</i> <i>(last name, first name, MI):</i>	
11. Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to the Congress semi-annually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.	Signature: <u>Steve Wheeler</u> Print Name: <u>Steve Wheeler</u> Title: <u>County Administrator</u> Telephone No.: <u>(503) 655-8581</u> Date: <u>5-10-10</u>	
Federal Use Only:		Authorized for Local Reproduction Standard Form LLL (Rev. 7-97)



Comprehensive Community Infrastructure **Budget Narrative Template**

Applicant Name: Clackamas County, OR

EasyGrants Number: 5884

Organization Type: County Government

Proposed Period of Performance: Oct 01, 2010 – Sept 30, 2013

Total Project Costs: \$11,148,830

Total Federal Grant Request: \$7,804,181

Total Matching Funds (Cash): \$1,024,649

Total Matching Funds (In-Kind): \$2,320,000

Total Matching Funds (Cash + In-Kind): \$3,344,649

Total Matching Funds (Cash + In-Kind) as Percentage of Total Project Costs: 30%

1. Administrative and legal expenses - \$612,580

- Provide a breakout of position(s), time commitment(s) such as hours or level-of-effort, and salary information/rates with a detailed explanation, and additional information as needed.

The Clackamas Broadband Innovation Initiative contains a total of \$612,580 in Administrative expenses. These expenses are broken into 2 main areas: The professional services costs of \$505,580 which comprise 82.5% of the total administrative costs, and the Equipment costs of \$107,000 which is 17.5% of the total administrative costs of \$612,580. These 2 cost areas are further defined in the following 2 charts.

Professional services comprise the majority of the administrative costs at \$505,580 (or 82.5%) in the form of cash matching contributions by the county. This includes a full-time project manager for 3 years, as well as professional services by 2 other existing county personnel. An existing network engineer is projected to spend 25% of his time for 3 years on the project, and the department manager is projected to spend 20% of his time over a 3-year period.



PROFESSIONAL SERVICE COSTS CHART

Staff	Level of Effort	Years	Rate	Total Cost
Project Manager	100%	3	\$99,706/yr	\$299,118
Department Manager	20%	3	\$32,924/yr	\$98,772
Network Engineer	25%	3	\$35,897/yr	\$107,690
TOTAL:				\$505,580

Outside of the professional service costs, this category also includes the equipment costs of \$107,000 (or 17.5%) of the total administrative costs of \$612,580. This equipment costs is detailed in the below chart. This includes \$17,000 in Network Management software and hardware: \$10,000 for network management software and \$7,000 for its associated server. This \$17,000 cost represents 3.2% of the Administrative cost of the project. In addition to the Network Management cost, the Administrative category also includes a fiber splicing machine and fiber optic test equipment. These items will be necessary for maintenance and administration of the initial network as well as the long term operation of the network. These items total out to \$90,000. A table summarizing these costs is shown below.

EQUIPMENT / NETWORK MANAGEMENT COSTS CHART

Item	Unit Cost	No. of Units	Total Cost
Open NMS Software	\$10,000	1	\$10,000
Log Server	\$7,000	1	\$ 7,000
Fiber Optic Test Equipment	\$60,000	1	\$60,000
Fusion Splicing Machine	\$30,000	1	\$30,000
TOTAL:			\$107,000



- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.

- The total administrative costs for the Clackamas Broadband Innovation Initiative is \$612,580.

- This total consist of 2 areas:

- Professional Services Costs \$505,580 (82.5 % of total)
- Equipment / Network Management Costs \$107,000 (17.5 % of total)

TOTAL Administrative Costs \$612,580 (100%)

- The Professional services is detailed in the PROFESSIONAL SERVICES chart above. The County calculated the expected time to be spent by its Technical Services personnel on the build-out and administration of the project. This calculated Professional Services calculation resulted in 3 Positions: 1 hired Full-time project manager, 1 existing Network Engineer at 25% utilization and 1 existing technical services manager at 20% utilization. All 3 positions required for the expected 3 year life of the project. Afterwhich, the existing positions will continue to assist in the support of the project fully funded by the County. The Project Manager position will no longer be required.

- The Equipment and Network Management costs are detailed in the EQUIPMENT / NETWORK MANAGEMENT chart above. The Open NMS Software / Log Server are required to monitor the status of the fiber network and are the standard network monitoring utility used by the County. The fiber splicing machine and fiber optic test equipment are required in the construction and maintenance of the fiber infrastructure.

- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.

In-Kind Source n/a

2. Land, structure, rights-of-way, appraisals, etc. – n/a

- Provide description of estimated costs, proposed activities, and additional information as needed.

n/a

- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.

n/a

- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.

n/a

3. Relocation expenses and payment - n/a



- Provide explanation for the relocation, description of the person involved in the relocation, method used to calculate costs, and additional information as needed.

n/a

- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.

n/a

- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.

n/a

4. Architectural and engineering fees - \$1,183,084

- Provide description of estimated fees, rates, explanation of proposed services, and additional information as needed.

The County has worked with Engineering Associates, a Professional Engineering firm specializing in telecommunications, while preparing this application. In addition, the County has worked with North Sky Communications, an experienced telecommunications specialty contracting firm, in analyzing and determining the route of the fiber optic cable. Through the collaboration of these two professional firms, Clackamas County has obtained an estimate of the engineering costs of the project. The estimated cost for the outside plant engineering is \$1,183,084, which is 10.6% of the entire project, or 16.8% of the outside construction budget. On a per-unit basis this amount equates to \$6547 per mile. Both of these figures are well within commonly used budgetary guidelines for outside plant engineering.

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- On-site inspection during cable construction phase
- As-built drawings and project closeouts
- Resident Engineering for multiple construction crews

- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.

No matching funds will be contributed toward this cost.



- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.

No matching funds will be contributed toward this cost.

5. Other architectural and engineering fees – n/a

- Provide description of estimated fees, rates, explanation of proposed services, and additional information as needed.

No additional Architectural or Engineering fees are included in the project. All such costs are noted in Section 4 above.

- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.

n/a

- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.

n/a

6. Project inspection fees – n/a

- Provide description of estimated fees, rates, explanation of proposed services, and additional information as needed.

n/a

- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.

n/a

- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.

n/a

7. Site work – n/a



- Provide description of estimated fees, rates, explanation of proposed services, and additional information as needed.

n/a

- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.

n/a

- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.

n/a

8. Demolition and removal – n/a

- Provide description of estimated fees, rates explanation of proposed services, and additional information as needed.

n/a

- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.

n/a

- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.

n/a

9. Construction - \$7,033,166

- Provide description of estimated fees, rates, explanation of proposed services, state whether the work is being completed by the applicant or an outside contractor, and additional information as needed.

The bulk of the project's costs will be in the fiber optic cable construction. All of this cost (\$7,033,166 or 63.1%) is allocated in the Construction category. The total route footage of the new ring is 954,100, or approximately 180 miles. The route distances, route details, and estimated costs have been determined by working with North Sky Communications, a locally-based, experienced, and respected telecommunications specialty contracting firm.

The line items in the "Detail of Project Costs" worksheet show separate costs for materials (\$3,358,432) and labor (\$3,577,875). These line items include all associated costs with installing the fiber optic cable



along the route. These include: fiber optic cable, new strand wire (where required), attachment hardware for existing pole lines, building entrances (all in existing buildings), fiber terminations in buildings, fiber optic cable testing, etc. In addition, the route does contain a few areas where underground construction will be required. A separate line item has been established for the cost of underground construction (\$96,859). The initial route analysis has identified a total of 12,846 feet (2.4 miles) of underground construction. This per-foot cost includes all labor and materials associated with trenching, boring, installing conduit and pull boxes, etc. These areas have been identified by an initial field survey and are specified on the Network Map document.

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MATERIALS REQUIRED								
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Fiber Stand Count	216	144	216	24				
Estimated # of Poles	3,100						3100	
# Splice Points (1 per 4000 ft)	104	38	22	158			321	
MATERIAL COSTS						UNIT COST		
Average Fiber Costs (per foot)	\$774,584	\$286,334	\$160,940	\$562,309	\$0	\$1.87	\$1,784,167	
Messenger Cable (per foot)	\$214,978	\$79,469	\$44,667	\$156,063	\$0	\$0.52	\$495,178	
Pole Attachments (per pole)	\$189,720						\$61.20	\$189,720
Aerial Hardware (per foot)	\$132,549	\$48,998	\$27,540	\$96,224	\$0	\$0.32	\$305,312	
Splice Materials (per splice)	\$129,443	\$47,850	\$26,895	\$197,500	\$0	\$1,250.00	\$401,688	
Warehousing / Distribution (flat)	\$132,368							\$132,368
Underground Conduit (per foot) (A)					\$96,859	\$7.54	\$96,859	
Project Contingency (flat amount)	\$50,000							\$50,000
TOTAL						(B)	\$3,455,291	
(A) - This is the total cost for trenching / boring under several roads / gaps in poles and running the fiber through 2" conduit =							\$96,859	
(B) - The total material cost including underground =							\$3,455,291	
The total material costs WITHOUT underground =							\$3,358,432	

- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.

The County will provide all of its matching cash contribution as an offset for the cost of the outside plant construction. This amount (\$519,069) represents 7.4% of the total cost of the construction. The county has these funds available from internal sources; no financing or debt will be required to raise this amount. A letter from the County committing to this cash match has been included as part of the application.

- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.

None of the county's matching contribution for this particular category is in-kind; all matching funds for the Construction category come from cash contributions.



10. Equipment - \$2,320,000

- Provide a list of equipment in the form of a table with description, number of units, unit cost, state whether it is being purchased or leased, and additional information as needed.

The equipment category represents the second-largest category in terms of project expense. The category includes \$2,320,000, which represents 20.8% of the total project amount.

This category includes all of the Ethernet switching equipment which will be connected to the new fiber network. These Ethernet switches will be located at the anchor institutions and will be used for the broadband connections to the end users in the anchor institutions. A total of 160 switches will be located in these locations. Each switch will be equipped with optical transceivers which connect to the fiber backbone, for a total of 320 optical transceivers.

A table of all items in the Equipment category follows. Each entry can be matched to a line item in the "Detail of Project Costs" worksheet.

Description	Unit Cost	Units	Cost	Notes
Ethernet switches	\$8500	160	\$1,360,000	Purchased by anchor institutions
Optical transceivers	\$3000	320	\$960,000	Purchased by anchor institutions
Totals			\$2,320,000	

- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.

No cash matching contributions are included in this category.

- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.

All of the Ethernet switches at the anchor institutions will be purchased by different county government departments. This will include schools, public safety, county government offices, etc. As such these items are shown as in-kind matching contributions in the total amount of \$2,320,000.



11. Miscellaneous – n/a

- Provide additional information as needed.

n/a

- Provide detailed description, calculation, and basis of evaluation for each Cash Matching Funds source.

n/a

- Provide detailed description, calculation, and basis of evaluation for each In-Kind Matching Funds source.

n/a

13. Contingencies - \$0

- Contingencies are an unallowable expenditures under BTOP.

15. Project (program) income - \$0

- The value for this line-item on the SF-424C is \$0. Please do not provide an estimated Project (program income) on the SF-424C.



Addendum

- Very few indirect costs are allowable through BTOP. If any allowable indirect costs and/or fringe benefits are included in the budget, please provide a copy of your existing Negotiated Indirect Cost Recovery Agreement (NICRA), if available. If the NICRA is applied accordingly in the budget, there is no need to justify the costs. If a NICRA is not available or is not consistent with the rates/calculations in the budget, please provide an explanation of how the amounts were calculated. Please clearly list the manner in which indirect costs are calculated in the budget.

Note: Verify that indirects are calculated correctly and are eligible BTOP costs. To clarify, reasonable indirect costs under BTOP are only allowable for Full Time Employees (FTEs) associated with the construction, deployment, or installation of facilities or equipment used to provide broadband service.

n/a

David Cummings



Educational Background

Masters of Science - Electrical Engineering/ MIS - 1974 CSUS Sacramento; Sacramento, California

Bachelor of Sciences - Education / Technology - 1972 University of Arizona; Tucson, Arizona

Summary of Experience

1997 to Present **County of Clackamas Oregon, OR**

Technology Services

Chief Information Officer

1986 to 1997 **San Juan Unified School District** Carmichael, CA

Computer Services

Chief Technology Officer

1979 to 1986 **State of Alaska, AK**

Technology Services

Director Technology Services

1977 to 1979 **County of Placer California, CA**

Data Processing

Deputy Director of Data Processing

1974 to 1977 **State of California** Sacramento, CA

State Board of Equalization

Associate Systems Analyst Supervisor

1972 to 1974 **State of California** Sacramento, CA

DMV

Associate Programmer/Analyst

1968 to 1972 **University of Arizona, Arizona**

Technology

Computer Operator/Programmer

Home: 

Work: (503) 655-8525

Email: [davidcu@co.clackamas.or.us]

David DeVore



Educational Background

Masters of Business Administration - 2010 George Fox University; Portland, Oregon

Bachelor of Sciences – Computer Science - 1990 Portland State University; Portland, Oregon

Summary of Experience

2003 to Present **County of Clackamas, OR**

Technology Services

Deputy Chief Information Officer

1999 to 2003 **County of Multnomah, OR**

Information Services

Deputy Chief Information Officer

1990 to 1999 **Portland State University, OR**

Information Services

Director Information Services / Database Administrator

1990 to 1999 **Technology Consultant, OR**

Various Companies

Part time technology / systems consultant

1988 to 1990 **Imagination Plus Inc, OR**

Application Development / Sales

General Manager / Systems Analyst

1987 to 1988 **Virtual Knowledge Systems Inc, OR**

Project Management / Applications Development

Project Manager / Systems Analyst

1985 to 1987 **Computer Performance Inc, OR**

Applications Development / Support

Programmer / Analyst

Home: 

Work: (503) 655-8525

Email: [daviddev@co.clackamas.or.us]

NAME: Alan B. Hammond
CURRENT JOB TITLE: Network Engineer

SUMMARY: Over twenty five years experience in the computer industry working with both hardware, software and physical infrastructure. Extensive experience in local, metropolitan and wide area networking technologies including physical plant design and construction. Extensive experience with Novell, UNIX/LINUX and Microsoft networks, PCs, and related hardware / software. Extensive networking experience with TCP/IP and IPX in large multi server / multi platform environments. Ability to adapt to and learn new tasks quickly. Excellent problem solving skills, Excellent interpersonal skills.

WORK HISTORY:

Network Engineer, Clackamas County 4/99 to Present

Responsible for the planning, installation, maintenance and repair of the County's Wide Area and Local Area Networks. Manage and approve the design, implementation and maintenance of Wide Area and Local Area Network configurations, operations and assigned staff. Conduct long range planning and design of county wide area network configuration. Confer with departments to analyze current and projected communications requirements. Monitor resources and system performance. Conduct research on new hardware and software. Develop feasibility studies and cost/benefit analysis. Prepare detailed specifications, diagrams and network charts to implement new or existing Wide Area Networks. Develop and document operational procedures. Coordinate Wide Area Network maintenance, testing and daily operations. Prepare schedules for implementation. Perform comprehensive diagnosis of Wide Area Network problems. Develop and implement solutions for network problems. Coordinate the repair, maintenance and upgrade of communications equipment and physical plant. Develop standards and documentation for the use of communication systems.

Senior Network Engineer, Unisys Corporation, Washington County Site 10/96 to 4/99

Analyzed complex local and wide area network systems, including planning, designing, evaluating, selecting operation systems and protocol suites. Resolved difficult interoperability problems to obtain operation across all platforms. Represented the organization as the prime technical contact on contracts and projects. Interacted with senior internal and external personnel on significant technical matters often requiring coordination between organizations. Senior technical resource responsible of the overall operation of the network and related network hardware and infrastructure in a large multi-platform network for Washington County.

Technical Director / Network Engineer, Northwest Micro Inc. 2/96 to 10/96

Responsible for corporate technical direction through researching and testing emerging technologies. Network design and implementation. Technical proposals and complete solution recommendations for clients. WAN, LAN installations and product recommendations. Consultation with clients over network, hardware, software technologies. Local Area Network administration and support. Recommendation and installation of Internet Servers and Internet Security Software.

Overflow Corp. Washington County Site 11/93 to 2/96

Responsible of the overall operation of the network and related network hardware and infrastructure in a large multi-platform network. The network consisted of both local and wide area networks. Initiated a network connection into the State of Oregon backbone for county connectivity needs with state agencies. Evaluated the current network design and made recommendations for improvements based on future growth plans. Designed and implemented the county's TCP/IP policy throughout the county. Designed and implemented connectivity with county remote sites. Worked with other Cities and Agencies within the county to develop and implement network connectivity with each other.

PC Technician / Backup Network Administrator, Bullivant, Houser, Bailey 1/92 to 11/93

Acted as the backup network administrator. Diagnosed and corrected network problems, both hardware and software related. Answered help line calls. Managed the firm's E-Mail system which was based on Action Technologies "The Coordinator", an MHS bases system. Managed the network backup system. Maintained and repaired the firms PCs, printers, and network hardware. Assisted in the implementation of special projects. Diagnosed problems with TCP/IP connectivity.

Sales and Service Technician, ACS Software Publishing 5/91 to 12/91

Consulted with customers and prepared system quotes. Purchased system components, built and tested systems. Field technician: provided on-site service and repair of PCs, printers and related equipment. Diagnosed software and hardware problems. Installed and setup new systems. Designed and installed network systems.

Field Technician / Bench Technician, SOLUS 9/90 to 5/91

Provided on-site service and repair of PCs, printers and related equipment. Diagnosed software and hardware problems. Built and test PC systems, installed and setup new systems. Diagnosed and installed network systems.

Field Technician / Bench Technician, ici 1/84 to 9/90

Provided on-site service and repair of PCs, printers and related equipment. Diagnosed software and hardware problems. Built and test PC systems, installed and setup new systems.

Stafford A. Rau



Skill Summary:

ISP and Telecom Network Engineering
Cisco Router and Switch Configuration
UNIX Systems Administration in large multi-vendor environments
Cisco PIX, ASA5500, and Checkpoint Firewalls
Network and server security and penetration testing

Technologies:

BGP, OSPF, EIGRP routing protocols
IPv4 and IPv6
MPLS, MPLS traffic engineering, and MPLS VPNs
QOS, DSCP, LLQ, WRED
IPSEC and GRE tunnels
802.1q and ISL VLANs, VTP
Etherchannel and Gigabit Etherchannel
T1 through OC48 WAN interfaces
Ethernet through TenGigabitEthernet LAN interfaces
Packet sniffers, intrusion detection systems, netflow analysis

Professional History:

Sr. Network Engineer
Knowledge Universe Technologies, Portland, OR
February 2008 – Present

LAN, WAN, and data center network engineer for a very large enterprise with multiple data centers and an approximately 2000 site WAN. Duties include network management, network security, firewall configuration, core routing and switching, external Internet capacity management, MAN and WAN management. Major projects include deploying network attached storage with iSCSI to NetApp storage appliances and rolling out WiFi LAN service to 1400 remote centers and offices.

Sr. Network Engineer
Integra Telecom, Portland, OR
May 2000 – December 2007

Network engineering in a CLEC/ISP telecom environment. Support of interstate IP customer networks and management networks from hub sites to LEC collocation facilities. Configuration and management of public peering and transit peering BGP sessions. New platform and technology evaluation and deployment. Corporate LAN, WAN, network monitoring, network security, and firewall support. Experienced backup for the ISP UNIX systems administration team.

Technologies and hardware platforms include Cisco 1700, 2500, 2600, 3600, 3700, 4500, 7200, 7500, 10000, and 12000 routers; Cisco 1900, 2900, 3500, 3700, 6500, and 7600 switches and layer-3 switches; Cisco 3000 VPN concentrator; Checkpoint, Watchguard, Sonicwall, and Cisco PIX and ASA5500 firewalls; Arbor Networks Peakflow DDOS detection and Internet peering analysis; CiscoSecure ACS authentication, authorization, and accounting systems; HP Openview and Netcool network element monitoring; MRTG, Cricket, and Cacti network link utilization monitoring; Protocols including IPv4 and IPv6, BGP, OSPF, EIGRP, MPLS, 802.1q and ISL, HSRP, 802.11a/b/g; UNIX shell and Perl scripting.

Sr. Systems Analyst
CNF Transportation, Portland, OR
February 1999 - May 2000

UNIX systems administration in a Fortune 500 corporate environment. Support of major Sun hardware platforms from Ultra 5s through Enterprise 10,000s and a small assortment of IBM AIX servers. Manage the software side of a CiscoSecure remote access implementation including an Oracle database back end, multiple Cisco 5201 access routers, and over 6000 user accounts. Perform software support of HP Openview, CiscoWorks, CiscoWorks Blue, and CWSI. Upgraded and reconfigured the corporate NNTP news server.

Technologies and hardware platforms include Sun Ultra workstations; Sun E450, E4000, E4500, E6000 and E10000 servers; IBM AIX UNIX servers; Ciscoworks, CiscoSecure, HP Openview, Checkpoint Firewall-1 software packages; UNIX shell and Perl scripting; DNS via BINDv8, NNTP via innd.

Sr. Systems Administrator
ADC Kentrox, Portland, OR
February 1998 - January 1999

UNIX system administration with 175 Suns, HPs, and SGIs. Tcp/ip and ipx network administration with Cisco router and switch configuration including Catalyst 5500 switches with route switch modules, 2500, 3600, and AGS series routers, and a 5201 remote access system. Multiple WAN links including T1 and frame relay. Support of major engineering tools from Mentor Graphics, Synopsys, Cadence Systems, and others.

Technologies and hardware platforms include Sun Ultra and SPARC20 workstations; Sun SpareServer 2000, E450 servers, Cisco 2500 and 3600 routers, Cisco Catalyst 5500 switches.

Sr. Systems and Network Administrator
Norm Thompson Outfitters, Inc. Hillsboro, OR
December 1996 - February 1998

UNIX system administrator and network administrator for an environment consisting of 20 Sun SPARCstations and Sparcservers running Solaris 2.3, Solaris 2.5, SunOS 4.1.4, two Data General servers running DG/UX, and other miscellaneous UNIX machines. Responsible for the corporate network, with approximately 500 nodes running on 10baseT Ethernet, with some 100baseT fast Ethernet and FDDI. Responsible for the corporate WAN with locations in Hillsboro, Portland, Lincoln City, Troutdale, and West Virginia.

Associate System Administrator
Qualcomm, Inc., San Diego, CA
January 1995 - December 1996

Part of the UNIX System Administration team supporting approximately 800 Sun SPARCstations and SPARCservers running Solaris and SunOS, 200 Hewlett Packard workstations running HP-UX 9 and 10, 6 SGI workstations running Irix, a large AFS cell with 8 servers, and multiple Auspex and NAC file servers. Duties included all aspects of UNIX system administration, OS, network, and application troubleshooting, hardware and software installation, license server management, NIS, NFS, and AFS configuration and troubleshooting.

Computer Support Specialist
Qualcomm, Inc., San Diego, CA
August 1994 - January 1995

UNIX specialist for Qualcomm's internal Computer Services Hotline. Provided first level general computer support and second level UNIX support for Qualcomm employees on a variety of platforms and operating systems. UNIX support included troubleshooting and customizing user environments, remote print queue creation, monitoring, and troubleshooting, and UNIX application support.

Senior Data Control Technician
San Diego State University Admissions and Records, San Diego, CA
January 1994 - August 1994

All aspects of PC and Macintosh support and training for SDSU Admissions and Records employees including major productivity packages and Internet applications.

Technical Support Staff
Social Sciences Research Lab, SDSU, San Diego, CA
April 1991 - December 1994

PC and Mac hardware and software support for the SSRL, plus software support for the SDSU College of Arts and Letters, including Novell and TCP/IP client configuration, Foxpro database programming.

Research Assistant
Social Sciences Research Lab, SDSU, San Diego, CA
August 1990 - March 1991

Data entry and programming for phone-based survey analysis using SPSS statistical packages on a DEC VAX system.

Russian Cryptologic Linguist
U.S. Naval Reserve, Presidio of Monterey, CA
March 1989 - September 1990

One year Russian Basic Course plus six month Cryptologic Technician class. Radio intercept, voice communications analysis, and basic cryptography and radio wave theory. Top-Secret/Sensitive Compartmented Information Clearance

Education, Certifications, and Technical Coursework:

Bachelor of Arts in Russian Language, San Diego State University, 1993

Cisco CCNA certification, currently working towards a CCNP.

Technical courses include Cisco ICND, BCMSN, MPLS, OSPF & BGP, Solaris Performance Tuning.

Attendance at USENIX, SANS, Cisco Networkers and NANOG conferences.

Professional References

Steve Raymond, Senior Network Engineer, Integra Telecom
503-313-2701, steven.raymond@integratelecom.com
Maighread Gallagher, Account Executive, Integra Telecom
503-261-3911, maighread.gallagher@integratelecom.com
Adam Eaglestone, Network Engineer, Integra Telecom
503-341-8335, adam.eaglestone@integratelecom.com

EMPLOYMENT HISTORY:

Clackamas County, Oregon

2006—present

Director, Public and Government Relations

- Develop, implement, and coordinate county's federal legislative priorities and strategies, including research and analysis of issues, advising elected officials, county management and key stakeholders, developing briefing materials, and communicating with Congressional staff
- Represent county on local, regional, and state committees and organizations to promote intergovernmental collaboration, communication, and legislative activities; provide written and oral testimony on policy issues, provide staff support to elected officials on governmental committees
- Develop, implement, and coordinate county's regional priorities related to transportation and development issues; develop and maintain collaborative relationships with government partners on major transportation policies, projects, and funding issues to advance county goals
- Advise elected officials and county management on public relations and outreach strategies, develop communications plans to advance county messages on key issues, prepare speeches, editorials, correspondence, and media releases to accomplish strategic communications goals

Portland Development Commission

2005—2006

Public Affairs Manager

- Formulated, evaluated, managed, and oversaw implementation of all agency strategic communication activities including media relations, agency marketing, public outreach, education and involvement, government relations, internal communications and website/electronic media
- Served as agency spokesperson and managed all agency contact with local and national print, broadcast, and electronic media; advised and trained agency staff in all aspects of proactive and reactive media relations, monitored media coverage trends
- Managed and oversaw public involvement activities and strategies, built ongoing relationships with community and government stakeholders
- Oversaw production of print materials including newsletters, direct mail, annual reports, advertising, and brand/logo identification

Portland Development Commission

2001—2005

Economic Development Manager

- Led PDC activities related to redevelopment of industrial land, including research, analysis, development feasibility, and policy development
- Represented, advised, developed strategies, and served as spokesperson for PDC and Regional Economic Development Partners on citywide and regional policy issues, including land use, regulatory, environmental, transportation, utilities, taxation, legislation, and others as necessary
- Collaborated with other government and business organizations to establish common policy and partnership goals
- Developed communications strategies and implementation plans tied to achievement of PDC policy goals and objectives

Portland Development Commission

1998—2001

Senior Project Coordinator

- Coordinated planning and implementation of redevelopment projects consistent with adopted City plans and policies, working closely with community and business organizations, other government agencies, property owners, developers, contractors, consultants, and internal team
- Prepared development strategies and plans, work plans, budgets, contracts, schedules, and reports; including community economic development, neighborhood revitalization, parks and open space, housing, mixed-use, and infrastructure improvements
- Provided information and technical assistance to business and property owners in identifying and undertaking pre-development activities related to business expansion and redevelopment; research and provide assistance regarding building, zoning, and other regulations affecting projects
- Represented PDC in meetings and public hearings before boards, commissions, community and business groups, financial institutions and other agencies on specific project and program related activities; develop and implement media communications strategies on specific projects

City of Portland Parks Bureau Bond Measure

1998

Campaign Manager

- Planned, managed, and oversaw implementation of all aspects of citywide political campaign, including strategy, message, community and media relations, budget, fundraising, direct mail, and volunteer programs.
- Managed and directed team of consultants, advisors, staff, and volunteer finance, strategy, and campaign committees
- Formed partnerships with City Commissioner, commissioner's staff, Parks Bureau Director, staff, and community organizations.
- Wrote publicity materials, press releases, articles and campaign literature; served as spokesperson for print and broadcast media.

Clark County Homebuilders Association

1997—1998

Government Affairs Director

- Monitored local and state government land use policy and promoted building industry priorities by building relationships with elected officials, agency staff, and community leaders; developed policy alternatives and political strategies to provide balanced solutions to issues
- Researched and wrote background materials, newsletter articles, reports, testimony and speeches; presented testimony at public hearings
- Provided support to political action committee, including candidate research and education, campaign strategy, and data management
- Developed, promoted, and oversaw large special projects including sustainable building program, design awards, and leadership training

VoiceStream Wireless Inc.

1996—1997

Land Use Planner/Government and Community Relations Specialist

- Analyzed zoning code; assessed zoning feasibility; prepared and submitted land use applications in jurisdictions throughout Oregon
- Developed and implemented community and government relations strategies to address controversial development projects
- Provided written and oral testimony to planners, planning commissions, and elected officials regarding zoning and policy revisions

EMPLOYMENT HISTORY (continued):

**Gail Shibley for City Council Campaign
Campaign Manager**

1996

- Developed and implemented improved campaign plan for last six months of campaign, including refining message, briefing candidate on issues and for public speaking, creating community outreach strategies, and reassessing budget and fundraising plan
- Managed and directed team of consultants, advisors, staff, and volunteer finance, strategy, and campaign committees
- Wrote campaign literature and supervised production of campaign materials; implemented direct mail plan; wrote persuasion mail
- Researched paid media plan; actively pursued earned media; developed relationships with television and print reporters; served as campaign spokesperson; wrote press releases, position papers, and news articles
- Recruited, trained, supervised, and managed hundreds of volunteers; organized, managed, and oversaw extensive field outreach program

Neighbors West/Northwest

1995–1996

Land Use Planner/Community Organizer

- Provided staff support to ten neighborhood associations in land use planning issues, including tracking proposals and projects; conducting background research; policy analysis; leading community meetings; and facilitating contact with government agencies
- Wrote and edited neighborhood land use and development plans in conjunction with city staff and neighborhood advisory committees
- Worked with citizens, developers, and city staff to formulate transit oriented development proposals and models for sites along light rail line
- Monitored regional and local transportation, housing, environmental, and political issues to assist citizens with decisionmaking

**Community Energy Project
Project Coordinator**

1993-- 1995

- Recruited, trained, supervised, and maintained relationships with 50-200 volunteers per month
- Conducted presentations at community meetings; interviewed with television and print reporters; wrote press releases, calendar announcements, newsletter articles, and publicity materials to enhance outreach program
- Coordinated scheduling, logistics, registration, outreach, and publicity for 50 energy and water conservation workshops citywide; developed and wrote educational materials; taught workshops of 10-20 participants
- Developed partnerships with private, public, and other non-profit agencies to facilitate community outreach and client support

**California Democratic Party
Field Programs Coordinator**

1992

- Developed and implemented community outreach programs for fundraising on national, state, and local campaigns throughout California
- Managed staff and volunteer program in telephone, mail, and field operations
- Coordinated media and scheduling for elected officials and political events
- Planned and facilitated community meetings, rallies, and organizer training sessions

City of West Hollywood, CA

1991

Housing and Economic Development Specialist

- Developed, implemented, and analyzed land use, transportation and business surveys for the Sunset Blvd. Specific Plan; wrote reports, and presented results to City Council, business and community groups, and city staff
- Coordinated scheduling, public relations, logistics, and outreach for controversial citywide economic development conference
- Wrote and distributed public information materials about City's affordable housing programs, small business lending program, social services, and business improvement districts
- Formed partnerships with Chamber of Commerce and other business groups to initiate formation of business improvement districts

COMMUNITY ACTIVITIES:

**Young Audiences of Oregon and Southwest Washington
Board Member**

2003–2005

**Portland Utilities Review Board
Board Member and Solid Waste Subcommittee Chair**

2000–2003

**Sabin Community Development Corporation
Board of Directors**

1995– 1999

- Chair: October 1995-November 1998; Vice Chair: May 1995-October 1995

EDUCATION:

**Rutgers University
Bloustein School of Planning and Public Policy
B.A. Urban Planning**

1992

magna cum laude