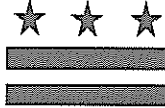


GOVERNMENT OF THE DISTRICT OF COLUMBIA
OFFICE OF THE CHIEF TECHNOLOGY OFFICER



March 24, 2010

Mr. Lawrence E. Strickling
Assistant Secretary for Communications and Information
National Telecommunications and Information Administration
U.S. Department of Commerce
1401 Constitution Avenue NW
Washington, D.C. 20230

**Re: Broadband Technologies Opportunities Program
Comprehensive Community Infrastructure Application
DC Community Access Network ("DC-CAN")
Easy Grants #5116**

Dear Mr. Strickling:

The District of Columbia's Office of the Chief Technology Officer (OCTO) is submitting this Comprehensive Community Infrastructure application, seeking funding under the NTIA's Broadband Technology Opportunities Program (Round Two, Winter 2010), as authorized by the American Recovery and Reinvestment Act (ARRA).

As Chief Technology Officer for OCTO, this letter serves as commitment for matching funds for the DC-CAN project. The DC-CAN project has a budget of \$25,033,000, and OCTO is seeking a BTOP grant of \$17,457,942. Contingent on the receipt of a complete BTOP award for full funding of the project, the District pledges matching funds, as follows:

| | |
|---------------------|------------------------------------|
| \$ 7,513,090 | Cash |
| \$ 61,968 | In-Kind Services |
| \$ 7,575,058 | Total Matching Contribution |

In the event of a partial award, the District will commit matching funds on a pro rata basis.

Please let us know if you have any questions, or require additional information.

Thank you.

Respectfully submitted,



Bryan Sivak
Chief Technology Officer

GOVERNMENT OF THE DISTRICT OF COLUMBIA
STATE HISTORIC PRESERVATION OFFICE



**DC STATE HISTORIC PRESERVATION OFFICE
FEDERAL AGENCY SECTION 106 REVIEW FORM**

TO: Mr. Lawrence E. Strickling, Assistant Secretary for Communications and Information, National Telecommunications and Information Administration, U.S. Department of Commerce

ADDRESS: 1401 Constitution Avenue, NW, Washington DC 20230

CC: Mr. Bryan Sivak, DC Office of the Chief Technology Officer (OCTO)

PROJECT NAME/DESCRIPTION: DC OCTO Application for ARRA-Funded Broadband Technology Opportunities Program; BTOP CCI Application #6116; DC Community Access Network ("DC-CAN")

PROJECT ADDRESS/LOCATION DESCRIPTION: Various Locations throughout Washington DC

DC SHPO PROJECT NUMBER: 10-123

The DC State Historic Preservation Office (DC SHPO) has reviewed the above-referenced federal undertaking in accordance with Section 106 of the National Historic Preservation Act and has determined that:

- This project will have **no effect** on historic properties. No further DC SHPO review or comment will be necessary.
- There are **no historic properties** that will be affected by this project. No further DC SHPO review or comment will be necessary.
- This project will have **no adverse effect** on historic properties. No further DC SHPO review or comment will be necessary.
- This project will have **no adverse effect** on historic properties **conditioned** upon fulfillment of the measures stipulated below.
- Other Comments / Additional Comments** (see below):

Based upon the review of the information provided by DC OCTO, the DC State Historic Preservation Office (SHPO) understands that, if funded, this project will utilize existing conduit to provide broadband cable to various locations throughout Washington DC and that the only above-grade alterations will consist of rooftop mounted wireless "access points" which will be approximately 5' tall. The SHPO has determined that this undertaking will have "no adverse effect" on historic properties provided that the Department of Commerce and/or DC OCTO consults further with this office regarding the appropriate setback distances that should be used for "access points" proposed for individual properties and districts which are listed in or eligible for listing in the National Register of Historic Places and the DC Inventory of Historic Sites. Further consultation will also be necessary should the scopes of work be revised or altered.

BY: _____
C. Andrew Lewis, Senior Historic Preservation Specialist

DATE: March 25, 2010

Comprehensive Community Infrastructure Key Metrics Dashboard

Please refer to the CCI Grant Guidelines for instructions on completing this form.

| Applicant Profile | |
|--------------------------------------|---|
| Applicant Name | District of Columbia Government |
| Title | DC Community Access Network ("DC-CAN") |
| Easygrants ID | 5116 - NTIA BTOP Round Two CCI |
| Headquarters | District of Columbia Office of the Chief Technology Officer (OCTO) 441 Fourth Street NW Washington, DC 20001 |
| Size (2009 Data) of Applicant Entity | <ul style="list-style-type: none"> • Current Year Revenues: Not Applicable * • Employees: 321 (OCTO FTE) / c. 700 (OCTO w/ contractors) <p>(Note: As part of District of Columbia Government, OCTO operates as an Agency, providing IT services, technology and applications to other offices and agencies of District government. OCTO does not report revenues separately, as they are internal transfer payments between agencies of Government. Historical Financials CAFR reflect District government as a whole.)</p> |
| Technology Type | Fiber and Wireless Middle Mile |
| Key Partners | DC Department of Health, DC Office on Aging, DC Public Library, University of the District of Columbia, Community College of the District of Columbia, DC Fire and Emergency Management Services, DC Metropolitan Police Department, DC Primary Care Association, DC Public Charter School Board, Building Hope, Mary McLeod Bethune Day Academy Public Charter School, Thurgood Marshall Academy Public Charter School, Washington Latin Public Charter School, George Washington University, Ciena Communications, Cisco Systems, SAIC, Qwest Communications, T-Mobile, Allied Telecom, Level 3 Communications |

| Project Economics | | | |
|--|---------------------|---------------------------------|---|
| Budget Information | | Project Financials | |
| Project Budget | \$25,033,000 | Project Revenues (Yr 8) | \$3,480,000 |
| Federal Contribution (%) | 69.74% | Net Income and Margin (Yr 8) | (\$1,391,572) |
| Cash Match Amount (%) | 30.01% | EBITDA and Margin (Yr 8) | 1,940,000 |
| In Kind Match Amount (%) | 0.25% | Rate of Return (w/o BTOP Funds) | NPV: (\$4.16 million) IRR: -20.16% |
| Middle Mile/Last Mile Budget Allocation | | Rate of Return (w/ BTOP Funds) | NPV: +\$2.90 million IRR: Not calculable |
| Middle Mile Percentage (%) | 100.0% | Cost Efficiency | |
| Last Mile Percentage (%) | 0.0% | Cost per Mile (MM) | 174.7 K |
| Rural Last Mile Percentage | 0.0% | Cost per Household (LM) | Not Applicable |

Comprehensive Community Infrastructure
Key Metrics Dashboard

| Market Territory | |
|--|--|
| Geographic Area(s) | District of Columbia |
| Middle Mile Network Composition | |
| Total Proposed Network Miles (MM only) | <ul style="list-style-type: none"> • Total Miles: 173.17 • Backbone Miles: 57.43 • Lateral Miles: 115.74 |
| New Construction Network Miles (MM only) | <ul style="list-style-type: none"> • Total Miles: 0.00 • Backbone Miles: 0.00 • Lateral Miles: 0.00 |
| Existing Applicant Network Miles Utilized (MM only) | <ul style="list-style-type: none"> • Total Miles: 65.0 • Backbone Miles: 65.0 • Lateral Miles: 0.0 |
| Leased Network Miles Utilized (MM only) | <ul style="list-style-type: none"> • Total Miles: 0.00 • Backbone Miles: 0.00 • Lateral Miles: 0.00 |
| Underserved/Unserved | <ul style="list-style-type: none"> • Percentage of Backbone Miles in Underserved/Unserved Areas: 55 • Percentage of Lateral Miles in Underserved/Unserved Areas: 65 |
| Existing Customer Base | |
| Existing Residential/Individual Customers within PFSA | None |
| Existing Business Customers within PFSA | None |
| Existing Community Anchor Institution Customers within PFSA | <ul style="list-style-type: none"> • Total CAI's: 214 • Community Colleges: 1 • Public Safety Entities: 14 |
| Existing Third Party Service Provider Customers within PFSA | Verizon, Comcast, RCN |
| Potential Customer Base | |
| Market Potential Households (within PFSA) | <ul style="list-style-type: none"> • Total HH's: 248,338 • Located in Underserved/Unserved Areas: 130,905 |
| Market Potential Businesses (within PFSA) | <ul style="list-style-type: none"> • Total Businesses : 30,577 • Located in Underserved/Unserved Areas: 8,495 |
| Market Potential Community Anchor Institutions (within PFSA) | <ul style="list-style-type: none"> • Total CAI's : 291 • Located in Underserved/Unserved Areas: 182 • Community Colleges: 4 • Public Safety Entities: 58 |
| Market Potential Third Party Service Providers (within PFSA) | <ul style="list-style-type: none"> • Total Third Party Service Providers in PFSA: 4 • Expressing Commitment or Letter of Interest: 4 (Qwest Communication, T-Mobile, Allied Telecom, Level (3) Communications. |
| Funded Network Coverage | |

Comprehensive Community Infrastructure
Key Metrics Dashboard

| | |
|--|---|
| Households Connected to Network (via BTOP Funds by end of Year 3) | <ul style="list-style-type: none"> Total Households Connected: Not Applicable, as only Middle Mile Located in Underserved/Unserved Areas: Not Applicable |
| Businesses Connected to Network (via BTOP Funds by end of Year 3) | <ul style="list-style-type: none"> Total Businesses Connected: 266 Located in Underserved/Unserved Areas: 100 (estimate) |
| Community Anchor Institutions Directly Connected (via BTOP Funds by end of Year 3) | <ul style="list-style-type: none"> Total Directly Connected CAI's: 291 Located in Underserved/Unserved Areas: 182 Community Colleges: 4 Public Safety Entities: 58 |
| Projected Subscribers by Year Five | <p><u>Directly Served by Applicant</u></p> <ul style="list-style-type: none"> Community Anchor Institutions: 291 Households: Not Applicable, as project is only Middle Mile Businesses: Not Applicable, as project is only Middle Mile Third Party Service Providers: 11 <p><u>Served by Proposed Network Via Third Party Service Provider</u></p> <ul style="list-style-type: none"> Community Anchor Institutions: 0 Households: 26,500 Businesses: 1,660 |

| Other | |
|--|--|
| Proposed MM Network Capacity | <ul style="list-style-type: none"> Backbone: 400 Gbps Laterals: 10 Gbps |
| Proposed LM Network Speed | <ul style="list-style-type: none"> Highest offered speed tier: Not Applicable (as Middle Mile only) Estimated Average speed for highest speed tier: Not Applicable |
| Total Points of Interconnection | <ul style="list-style-type: none"> Total Pol's: 11 (Ten points of inter-connection, plus District's new VA-based data center) Pol's in Underserved/Unserved Areas: 5 Environmentally-controlled, non-passive Pols: 0 |
| Jobs Created | <ul style="list-style-type: none"> Direct Job-years: 68 Indirect Job-years: 105 Induced Job-years: 97 TOTAL: 270 job-years |
| Required Time for Project Completion (Number of Required Quarters to Fully Build-out and Test Network and Make Ready for Commercial Service) | <p>Ten quarters from project commencement.</p> <p>Scheduled for 2010 Q4 thru 2013 Q1 (calendar).</p> <p>Scheduled for 2011 Q1 thru 2013 Q2 (fiscal).</p> |

Income Statement

| | Forecast Project Period | | | | | | | |
|---|-------------------------|---------------------|---------------------|-----------------------|-----------------------|---------------------|---------------------|---------------------|
| | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 |
| Revenues | | | | | | | | |
| Network Services Revenues: | | | | | | | | |
| Institutional | \$ 172,000 | \$ 942,000 | \$ 2,947,000 | \$ 3,355,000 | \$ 3,480,000 | \$ 3,480,000 | \$ 3,480,000 | \$ 3,480,000 |
| Direct Account | - | - | - | - | - | - | - | - |
| Wholesale (Open Access) | - | - | - | - | - | - | - | - |
| Wireless | - | - | - | - | - | - | - | - |
| Baseline Revenue | - | - | - | - | - | - | - | - |
| Installation Revenues | - | - | - | - | - | - | - | - |
| Other Operating Revenues | - | - | - | - | - | - | - | - |
| Operation Support | - | - | - | - | - | - | - | - |
| BTOP Grant | 12,307,942 | 4,000,000 | 1,150,000 | - | - | - | - | - |
| Matching Contributions (cash and in-kind) | 6,103,968 | 1,371,090 | 100,000 | - | - | - | - | - |
| Tax Revenue | - | - | - | - | - | - | - | - |
| Bad Debt | - | - | - | - | - | - | - | - |
| Interest Revenue | - | - | - | - | - | - | - | - |
| Total Revenues | \$ 18,583,910 | \$ 6,313,090 | \$ 4,197,000 | \$ 3,355,000 | \$ 3,480,000 | \$ 3,480,000 | \$ 3,480,000 | \$ 3,480,000 |
| Expenses | | | | | | | | |
| Insurance | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Utilities | - | - | - | - | - | - | - | - |
| Office Expenses | - | - | - | - | - | - | - | - |
| Contract Maintenance | - | - | - | - | - | - | - | - |
| Contingency | - | - | - | - | - | - | - | - |
| Billing Support | - | - | - | - | - | - | - | - |
| Fiber Maintenance | - | - | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 |
| Network Electronics | - | 400,000 | 400,000 | 400,000 | 400,000 | 400,000 | 400,000 | 400,000 |
| Wireless Maintenance | - | - | - | - | - | - | - | - |
| Legal Fees | - | - | - | - | - | - | - | - |
| Business Development & Support | - | - | - | - | - | - | - | - |
| Marketing | - | - | - | - | - | - | - | - |
| Attachment Fees | - | - | - | - | - | - | - | - |
| Education and Training | - | - | - | - | - | - | - | - |
| Internet Connection Fee | - | - | - | - | - | - | - | - |
| Long Term Lease | - | - | - | - | - | - | - | - |
| Salaries | 70,000 | 255,000 | 990,000 | 990,000 | 990,000 | 990,000 | 990,000 | 990,000 |
| Baseline Expenses | | | | | | | | |
| Total | \$ 70,000 | \$ 655,000 | \$ 1,540,000 | \$ 1,540,000 | \$ 1,540,000 | \$ 1,540,000 | \$ 1,540,000 | \$ 1,540,000 |
| EBITDA | \$ 18,513,910 | \$ 5,658,090 | \$ 2,657,000 | \$ 1,815,000 | \$ 1,940,000 | \$ 1,940,000 | \$ 1,940,000 | \$ 1,940,000 |
| Depreciation | \$ 2,340,612 | \$ 3,011,192 | \$ 3,169,676 | \$ 3,169,676 | \$ 3,169,676 | \$ 2,541,198 | \$ 2,373,497 | \$ 2,331,572 |
| Amortization | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Earnings Before Interest and Taxes | \$ 16,173,298 | \$ 2,646,898 | \$ (512,676) | \$ (1,354,676) | \$ (1,229,676) | \$ (601,198) | \$ (433,497) | \$ (391,572) |
| Interest Expense - New Debt | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Interest Expense - Existing Debt | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Interest Expense - Other | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Income Before Taxes | \$ 16,173,298 | \$ 2,646,898 | \$ (512,676) | \$ (1,354,676) | \$ (1,229,676) | \$ (601,198) | \$ (433,497) | \$ (391,572) |
| Property Tax | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Business & Occupation Tax | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Income Taxes | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Net Income | \$ 16,173,298 | \$ 2,646,898 | \$ (512,676) | \$ (1,354,676) | \$ (1,229,676) | \$ (601,198) | \$ (433,497) | \$ (391,572) |

Statement of Cash Flows

| | Forecast Project Period | | | | | | | |
|---|-------------------------|--------------|--------------|--------------|--------------|----------------|--------------|--------------|
| | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 |
| Beginning Cash | \$ - | \$ 105,599 | \$ 390,649 | \$ 1,796,000 | \$ 3,611,000 | \$ 5,551,000 | \$ 1,654,000 | \$ 2,038,000 |
| CASH FLOWS FROM OPERATING ACTIVITIES: | | | | | | | | |
| Net Income | 16,173,298 | 2,646,898 | (512,676) | (1,354,676) | (1,229,676) | (601,198) | (433,497) | (391,572) |
| <i>Adjustments to Reconcile Net Income to Net Cash Provided by Operating Activities</i> | | | | | | | | |
| Add: Depreciation | 2,340,612 | 3,011,192 | 3,169,676 | 3,169,676 | 3,169,676 | 2,541,198 | 2,373,497 | 2,331,572 |
| Add: Amortization | - | - | - | - | - | - | - | - |
| <i>Changes in Current Assets and Liabilities</i> | | | | | | | | |
| Marketable Securities | - | - | - | - | - | - | - | - |
| Accounts Receivable | - | - | - | - | - | - | - | - |
| Inventory | - | - | - | - | - | - | - | - |
| Prepayments | - | - | - | - | - | - | - | - |
| Other Current Assets | - | - | - | - | - | - | - | - |
| Accounts Payable | - | - | - | - | - | - | - | - |
| Other Current Liabilities | - | - | - | - | - | - | - | - |
| Grant and Matching Contribution Revenue | (18,411,910) | (5,371,090) | (1,250,000) | - | - | - | - | - |
| Net Cash Provided (Used) by Operations | \$ 102,000 | \$ 287,000 | \$ 1,407,000 | \$ 1,815,000 | \$ 1,940,000 | \$ 1,940,000 | \$ 1,940,000 | \$ 1,940,000 |
| CASH FLOWS FROM INVESTING ACTIVITIES: | | | | | | | | |
| Capital Expenditures (Eligible Project Costs) | 18,408,311 | 5,373,040 | 1,251,649 | - | - | - | - | - |
| Capital Expenditures (other) | - | - | - | - | - | 5,837,000 | 1,556,000 | 389,000 |
| Amortizable Asset (Net of Amortization) | - | - | - | - | - | - | - | - |
| Long-Term Investments | - | - | - | - | - | - | - | - |
| Net Cash Used by Investing Activities | \$ 18,408,311 | \$ 5,373,040 | \$ 1,251,649 | \$ - | \$ - | \$ 5,837,000 | \$ 1,556,000 | \$ 389,000 |
| CASH FLOWS FROM FINANCING ACTIVITIES: | | | | | | | | |
| Notes Receivable | - | - | - | - | - | - | - | - |
| Notes Payable | - | - | - | - | - | - | - | - |
| Principal Payments | - | - | - | - | - | - | - | - |
| Financing Expense | - | - | - | - | - | - | - | - |
| Interest Reserve | - | - | - | - | - | - | - | - |
| Grant Award | 12,307,942 | 4,000,000 | 1,150,000 | - | - | - | - | - |
| Matching Contribution (cash) | 6,042,000 | 1,371,090 | 100,000 | - | - | - | - | - |
| Matching Contribution (cash- lease) | - | - | - | - | - | - | - | - |
| Matching Contribution (in-kind non-cash) | 61,968 | - | - | - | - | - | - | - |
| Matching Contribution (from borrowing) | - | - | - | - | - | - | - | - |
| New Borrowing (for operations) | - | - | - | - | - | - | - | - |
| Additional Paid-in Capital | - | - | - | - | - | - | - | - |
| Additions to Patronage Capital Credits | - | - | - | - | - | - | - | - |
| Payment of Dividends | - | - | - | - | - | - | - | - |
| Net Cash Provided by Financing Activities | \$ 18,411,910 | \$ 5,371,090 | \$ 1,250,000 | \$ - | \$ - | \$ - | \$ - | \$ - |
| Net Increase (Decrease) in Cash | \$ 105,599 | \$ 285,050 | \$ 1,405,351 | \$ 1,815,000 | \$ 1,940,000 | \$ (3,897,000) | \$ 384,000 | \$ 1,551,000 |
| Ending Cash | \$ 105,599 | \$ 390,649 | \$ 1,796,000 | \$ 3,611,000 | \$ 5,551,000 | \$ 1,654,000 | \$ 2,038,000 | \$ 3,589,000 |

Balance Sheet

| Assets | Forecast Project Period | | | | | | | |
|---|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 |
| Current Assets | | | | | | | | |
| Cash | \$ 105,599 | \$ 390,649 | \$ 1,796,000 | \$ 3,611,000 | \$ 5,551,000 | \$ 1,654,000 | \$ 2,038,000 | \$ 3,589,000 |
| Marketable Securities | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Accounts Receivable | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Notes Receivable | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Inventory | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Prepayments | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Other Current Assets | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Total Current Assets | \$ 105,599 | \$ 390,649 | \$ 1,796,000 | \$ 3,611,000 | \$ 5,551,000 | \$ 1,654,000 | \$ 2,038,000 | \$ 3,589,000 |
| Non-Current Assets | | | | | | | | |
| Long-Term Investments | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Amortizable Asset (Net of Amortization) | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Plant in Service | \$ 18,408,311 | \$ 23,781,351 | \$ 25,033,000 | \$ 25,033,000 | \$ 25,033,000 | \$ 30,870,000 | \$ 32,426,000 | \$ 32,815,000 |
| Less: Accumulated Depreciation | \$ 2,340,612 | \$ 5,351,804 | \$ 8,521,480 | \$ 11,691,156 | \$ 14,860,832 | \$ 17,402,030 | \$ 19,775,527 | \$ 22,107,099 |
| Net Plant | \$ 16,067,699 | \$ 18,429,547 | \$ 16,511,520 | \$ 13,341,844 | \$ 10,172,168 | \$ 13,467,970 | \$ 12,650,473 | \$ 10,707,901 |
| Other | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Total Non-Current Assets | \$ 16,067,699 | \$ 18,429,547 | \$ 16,511,520 | \$ 13,341,844 | \$ 10,172,168 | \$ 13,467,970 | \$ 12,650,473 | \$ 10,707,901 |
| Total Assets | \$ 16,173,298 | \$ 18,820,196 | \$ 18,307,520 | \$ 16,952,844 | \$ 15,723,168 | \$ 15,121,970 | \$ 14,688,473 | \$ 14,296,901 |
| Liabilities and Owners' Equity | | | | | | | | |
| Liabilities | | | | | | | | |
| Current Liabilities | | | | | | | | |
| Accounts Payable | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Notes Payable | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Current Portion - Total Debt | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Current Portion - Other Debt | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Other Current Liabilities | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Total Current Liabilities | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Long-Term Liabilities | | | | | | | | |
| Deferred Revenue | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Existing Debt | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Proposed Debt (net) | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Existing Debt | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Total Long-Term Liabilities | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Total Liabilities | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Owner's Equity | | | | | | | | |
| Capital Stock | \$ 16,173,298 | \$ 18,820,196 | \$ 18,307,520 | \$ 16,952,844 | \$ 15,723,168 | \$ 15,121,970 | \$ 14,688,473 | \$ 14,296,901 |
| Additional Paid-In Capital | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Patronage Capital Credits | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Retained Earnings | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Total Equity | \$ 16,173,298 | \$ 18,820,196 | \$ 18,307,520 | \$ 16,952,844 | \$ 15,723,168 | \$ 15,121,970 | \$ 14,688,473 | \$ 14,296,901 |
| Total Liabilities and Owner's Equity | \$ 16,173,298 | \$ 18,820,196 | \$ 18,307,520 | \$ 16,952,844 | \$ 15,723,168 | \$ 15,121,970 | \$ 14,688,473 | \$ 14,296,901 |

NPV/IRR Table

| | Net Present Value | Internal Rate of Return |
|----------------------|-------------------|-------------------------|
| Without BTOP Funding | -\$4,160,814.00 | -20.16% |
| With BTOP Funding | \$2,901,873.00 | #NUM! |

| Revenue Assumptions | | |
|---|---|--|
| Factor | Specific Metric Used in Analysis | Rationale (Cite Basis) |
| Customers Passed | | |
| Anchor Institutions - Segment A | 133 anchor institutions passed in Year 1. 48 anchor institutions passed in Year 2. 42 anchor institutions passed in Year 3. | Based on project build-out schedule and discussions with anchors |
| Anchor Institutions - Segment B | | |
| Businesses | | |
| Households | | |
| Last Mile Providers | 10 primary backbone sites passed by end of Year 3 | Based on project build-out schedule |
| Other | | |
| Take Rate (should likely vary across 8-Year Forecast) | | |
| Anchor Institutions - Segment A | 78 sites at 10 Mbps, 7 sites at 100 Mbps, 2 sites at 1 Gbps in Year 1. 103 sites at 10 Mbps, 13 sites at 100 Mbps, 2 at 1 Gbps in Year 2. 117 sites at 10 Mbps, 20 sites at 100 Mbps, 8 sites at 1 Gbps in Year 3 | Take rate of 65% in Year 1, 75% in Year 2, 85% in Year 3 |
| Anchor Institutions - Segment B | | |
| Businesses | | |
| Households | | |
| Last Mile Providers | 8 in Year 1, 11 in Year 2, 12 in Year 3 | Based on interest expressed by partners - Service providers, Large and Medium Enterprises, Federal and District government agencies starting in Year 3 after build-out |
| Direct Customer Connections | | |
| Customer Segment A | | |
| Customer Segment B | | |
| Other | | |
| Average Revenue per User (may vary across 8-year forecast) | | |
| Anchor Institutions - Segment A | \$108 average monthly revenue Year 1. \$434 average monthly revenue in Year 2. \$823 average monthly revenue in Year 3. \$887 average annual revenue per anchor institution Year 4 onwards. | Cover direct and allocated expenses and provide contribution to depreciation funding |
| Anchor Institutions - Segment B | | |
| Businesses | | |
| Households | | |
| Last Mile Providers | \$7,760 per user per month - Year 3, \$7,432 per user per month - Year 4, \$7,681 per user per month - Year 5 onwards | Cover direct and allocated expenses and provide contribution to depreciation funding |
| Other | | |

| Expense Assumptions | | |
|-------------------------------------|--|--|
| Factor | Specific Metric Used in Analysis | Rationale (Cite Basis) |
| Network Expenses | | |
| Backhaul | | |
| Maintenance | \$45,800 per month for fiber and electronics. \$69,000 per month for 3 FTEs starting Year 3 for operations and maintenance | Quotes and existing contract pricing. FTE estimates include 1 field tech in year 1, 3 field techs in year 2, 4 field techs along with 2 Tier II engineers and 1 Tier III engineer year 3 onwards |
| Utilities | | |
| Leasing | | |
| Depreciation | 20 year fiber constructions, hubsite facilities, 5 year for operating electronics | Match to anticipated life time of capital investment |
| Other | | |
| Sales & Marketing | | |
| Advertising | | |
| Commissions | | |
| Salaries | | |
| Other | | |
| Customer Care & Billing | | |
| Systems | | |
| Personnel | \$13,000 per month year 3 onwards based on number of anticipated new customers | Estimate 1 FTE in Year 2, 2 from Years 3 onwards (Billing Analyst and Customer Service Rep) |
| Other | | |
| General & Administrative | | |
| Professional Services | None | |
| Insurance | None | |
| Non-Network Utilities | None | |
| Travel | None | |
| Supplies | None | |
| Miscellaneous | None | |
| Interest Expenses | | |
| Debt Instrument A | None | Financed from grant, and operating budget. |
| Debt Instrument B | | |
| Taxes | | |
| Federal Tax Rate | Zero | Tax exempt entity |
| Other Tax Rates | Zero | Tax exempt entity |

BTOP Comprehensive Community Infrastructure Subscriber Estimates Template

Please complete the complete the Subscriber Estimates worksheet.

All applicants should indicate their 8-year subscriber forecasts with a breakdown by type of subscriber (residential/individual, businesses, community anchor institutions, third party service providers) and service offerings. The names of the service offerings should match those provided in the Service Offering and Competitor Data attachment, enabling reviewers to easily cross-reference between the two documents. The Year 0 column should be used to denote any existing customers within the Proposed Funded Service Area. In addition, applicants that project that they will have third party service provider customers should include a line for parties "Served by Third Party Service Providers," showing an estimate of how many residential/individual, community anchor institution, and business customers will be served by those service providers, as demonstrated in the example below. At the bottom of the table, applicants should provide customer totals across all service offerings, with and without customers indirectly served through a third party service provider (if applicable). Applicants should also include a brief discussion of their methodology for deriving these estimates.

In contrast to several other attachment templates in this application, the data provided via this template will NOT be subject to automated processing. Applicants are permitted to modify the template layout in order to provide the most effective presentation of the data for their specific project, but such modifications are generally discouraged. Applicants should, in any case, ensure that they provide at least as much detail as the provided templates requires. To the extent that you modify these templates, please ensure that the print layouts are adjusted so that rows do not break across pages in a manner that will be difficult to understand. It is recommended that you provide these documents in PDF format when submitting a copy of your application on an appropriate electronic medium, such as a DVD, CD-ROM, or flash drive.

EXAMPLE

| Name of Service Offering | Customer Type | Year 0 | Cumulative/ Net Add | Year 1 | | | | Year 2 | | | |
|---|------------------------------|--------|------------------------|--------|-------|-------|-------|--------|-------|-------|-------|
| | | | | Qtr 1 | Qtr 2 | Qtr 3 | Qtr 4 | Qtr 1 | Qtr 2 | Qtr 3 | Qtr 4 |
| Mega-Metro E - 100 Mbps | Community Anchor Inst. | 0 | Cumulative | 0 | 0 | 0 | 0 | 5 | 10 | 17 | 26 |
| | | | Net Add | 0 | 0 | 0 | 0 | 5 | 5 | 7 | 9 |
| | Business | 0 | Cumulative | 0 | 0 | 0 | 0 | 12 | 27 | 52 | 82 |
| | | | Net Add | 0 | 0 | 0 | 0 | 12 | 15 | 25 | 30 |
| | Third Party Service Provider | 0 | Cumulative | 0 | 0 | 0 | 0 | 1 | 2 | 4 | 6 |
| | | | Net Add | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 |
| Served by Third Party Service Providers | Indirect - Res./Ind. | 0 | Cumulative | 0 | 0 | 0 | 0 | 1000 | 3000 | 5000 | 10000 |
| | | | Net Add | 0 | 0 | 0 | 0 | 1000 | 2000 | 2000 | 5000 |
| | Indirect - Business | 0 | Cumulative | 0 | 0 | 0 | 0 | 2 | 8 | 18 | 30 |
| | | | Net Add | 0 | 0 | 0 | 0 | 2 | 6 | 10 | 12 |
| | Indirect - Com. Anchor Inst. | 0 | Cumulative | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 5 |
| | | | Net Add | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 2 |

Broadband Subscriber Estimates

| Name of Service Offering | Customer Type | Year 0 | Cumulative/ Net Add | Year 1 | | | | Year 2 | | | | Year 3 | | | |
|---|------------------------------|--------|------------------------|--------|-------|-------|-------|--------|-------|-------|-------|--------|-------|-------|-------|
| | | | | Qtr 1 | Qtr 2 | Qtr 3 | Qtr 4 | Qtr 1 | Qtr 2 | Qtr 3 | Qtr 4 | Qtr 1 | Qtr 2 | Qtr 3 | Qtr 4 |
| MPLS Layer 3 VPN 10 Mbps | Community Anchor Inst. | | Cumulative | 0 | 10 | 50 | 78 | 89 | 101 | 120 | 138 | 142 | 146 | 153 | 153 |
| | | | Net Add | 0 | 10 | 40 | 28 | 11 | 12 | 19 | 18 | 4 | 4 | 7 | 0 |
| MPLS Layer 3 VPN 100 Mbps | Community Anchor Inst. | | Cumulative | 0 | 3 | 5 | 7 | 13 | 17 | 20 | 23 | 23 | 24 | 25 | 26 |
| | | | Net Add | 0 | 3 | 2 | 2 | 6 | 4 | 3 | 3 | 0 | 1 | 1 | 1 |
| MPLS Layer 3 VPN 1 Gbps | Community Anchor Inst. | | Cumulative | 0 | 0 | 1 | 2 | 4 | 7 | 8 | 10 | 10 | 11 | 11 | 11 |
| | | | Net Add | 0 | 0 | 1 | 1 | 2 | 3 | 1 | 2 | 0 | 1 | 0 | 0 |
| MPLS Layer 2 100 Mbps | Third Party Service Provider | | Cumulative | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 |
| | | | Net Add | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Served by Third Party Service Providers | Indirect - Res./Ind. | | Cumulative | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3000 |
| | | | Net Add | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3000 |
| MPLS Layer 2 1 Gbps | Third Party Service Provider | | Cumulative | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 |
| | | | Net Add | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Served by Third Party Service Providers | Indirect - Res./Ind. | | Cumulative | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2000 | 4000 |
| | | | Net Add | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2000 | 2000 |
| DWDM Wavelength 1 Gbps | Third Party Service Provider | | Cumulative | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 |
| | | | Net Add | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| Served by Third Party Service Providers | Indirect - Res./Ind. | | Cumulative | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3000 | 6000 | 6000 |
| | | | Net Add | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3000 | 3000 | 0 |
| DWDM Wavelength 2.5 Gbps | Third Party Service Provider | | Cumulative | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| | | | Net Add | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Served by Third Party Service Providers | Indirect - Res./Ind. | | Cumulative | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3500 | 3500 |
| | | | Net Add | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3500 | 0 |
| DWDM Wavelength 10 Gbps | Third Party Service Provider | | Cumulative | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | Net Add | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cumulative Totals (excluding Indirect) | Residential/Individual | | Total | | | | | | | | | | | | |
| | Business | | Total | | | | | | | | | | | | |
| | Community Anchor Inst. | | Total | 0 | 13 | 56 | 87 | 106 | 125 | 148 | 171 | 175 | 181 | 189 | 190 |
| | Third Party Service Provider | | Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 7 |
| Cumulative Totals (including Indirect) | Residential/Individual | | Total | | | | | | | | | | | | |
| | Business | | Total | | | | | | | | | | | | |
| | Community Anchor Inst. | | Total | | | | | | | | | | | | |
| | Third Party Service Provider | | Total | | | | | | | | | | | | |

Explanation of Methodology: Based on project schedule and customer interest.

Table of Customer Types

| |
|------------------------------|
| Residential/Individual |
| Business |
| Community Anchor Inst. |
| Third Party Service Provider |

Broadband Subscriber Estimates

| Name of Service Offering | Customer Type | Year 0 | Cumulative/ Net Add | Year 4 | | | | Year 5 | | | | Year 6 | | | |
|---|------------------------------|--------|------------------------|--------|-------|-------|-------|--------|-------|-------|-------|--------|-------|-------|-------|
| | | | | Qtr 1 | Qtr 2 | Qtr 3 | Qtr 4 | Qtr 1 | Qtr 2 | Qtr 3 | Qtr 4 | Qtr 1 | Qtr 2 | Qtr 3 | Qtr 4 |
| MPLS Layer 3 VPN 10 Mbps | Community Anchor Inst. | | Cumulative | 153 | 153 | 153 | 153 | 153 | 153 | 153 | 153 | 153 | 153 | 153 | 153 |
| | | | Net Add | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MPLS Layer 3 VPN 100 Mbps | Community Anchor Inst. | | Cumulative | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| | | | Net Add | | | | | | | | | | | | |
| MPLS Layer 3 VPN 1 Gbps | Community Anchor Inst. | | Cumulative | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | | | Net Add | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MPLS Layer 2 100 Mbps | Third Party Service Provider | | Cumulative | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | | Net Add | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Served by Third Party Service Providers | Indirect - Res./Ind. | | Cumulative | 3000 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 |
| | | | Net Add | 0 | 1500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MPLS Layer 2 1 Gbps | Third Party Service Provider | | Cumulative | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | | Net Add | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Served by Third Party Service Providers | Indirect - Res./Ind. | | Cumulative | 4000 | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 |
| | | | Net Add | 0 | 2000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DWDM Wavelength 1 Gbps | Third Party Service Provider | | Cumulative | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | | Net Add | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Served by Third Party Service Providers | Indirect - Res./Ind. | | Cumulative | 6000 | 6000 | 9000 | 9000 | 9000 | 9000 | 9000 | 9000 | 9000 | 9000 | 9000 | 9000 |
| | | | Net Add | 0 | 0 | 3000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DWDM Wavelength 2.5 Gbps | Third Party Service Provider | | Cumulative | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | | Net Add | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Served by Third Party Service Providers | Indirect - Res./Ind. | | Cumulative | 3500 | 3500 | 3500 | 3500 | 7000 | 7000 | 7000 | 7000 | 7000 | 7000 | 7000 | 7000 |
| | | | Net Add | 0 | 0 | 0 | 0 | 3500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DWDM Wavelength 10 Gbps | Third Party Service Provider | | Cumulative | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | Net Add | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cumulative Totals (excluding Indirect) | Residential/Individual | | Total | | | | | | | | | | | | |
| | Business | | Total | | | | | | | | | | | | |
| | Community Anchor Inst. | | Total | 190 | 190 | 190 | 190 | 190 | 190 | 190 | 190 | 190 | 190 | 190 | 190 |
| | Third Party Service Provider | | Total | 7 | 9 | 10 | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| Cumulative Totals (including Indirect) | Residential/Individual | | Total | | | | | | | | | | | | |
| | Business | | Total | | | | | | | | | | | | |
| | Community Anchor Inst. | | Total | | | | | | | | | | | | |

Table of Customer Types

| |
|------------------------------|
| Residential/Individual |
| Business |
| Community Anchor Inst. |
| Third Party Service Provider |

Explanation of f

Broadband Subscriber Estimates

| Name of Service Offering | Customer Type | Year 0 | Cumulative/ Net Add | Year 7 | | | | Year 8 | | | |
|---|------------------------------|--------|------------------------|--------|-------|-------|-------|--------|-------|-------|-------|
| | | | | Qtr 1 | Qtr 2 | Qtr 3 | Qtr 4 | Qtr 1 | Qtr 2 | Qtr 3 | Qtr 4 |
| MPLS Layer 3 VPN 10 Mbps | Community Anchor Inst. | | Cumulative | 153 | 153 | 153 | 153 | 153 | 153 | 153 | 153 |
| | | | Net Add | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MPLS Layer 3 VPN 100 Mbps | Community Anchor Inst. | | Cumulative | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| | | | Net Add | | | | | | | | |
| MPLS Layer 3 VPN 1 Gbps | Community Anchor Inst. | | Cumulative | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | | | Net Add | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MPLS Layer 2 100 Mbps | Third Party Service Provider | | Cumulative | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | | Net Add | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Served by Third Party Service Providers | Indirect - Res./Ind. | | Cumulative | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 | 4500 |
| | | | Net Add | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MPLS Layer 2 1 Gbps | Third Party Service Provider | | Cumulative | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | | Net Add | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Served by Third Party Service Providers | Indirect - Res./Ind. | | Cumulative | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 |
| | | | Net Add | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DWDM Wavelength 1 Gbps | Third Party Service Provider | | Cumulative | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | | Net Add | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Served by Third Party Service Providers | Indirect - Res./Ind. | | Cumulative | 9000 | 9000 | 9000 | 9000 | 9000 | 9000 | 9000 | 9000 |
| | | | Net Add | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DWDM Wavelength 2.5 Gbps | Third Party Service Provider | | Cumulative | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | | Net Add | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Served by Third Party Service Providers | Indirect - Res./Ind. | | Cumulative | 7000 | 7000 | 7000 | 7000 | 7000 | 7000 | 7000 | 7000 |
| | | | Net Add | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DWDM Wavelength 10 Gbps | Third Party Service Provider | | Cumulative | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | Net Add | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cumulative Totals (excluding Indirect) | Residential/Individual | | Total | | | | | | | | |
| | Business | | Total | | | | | | | | |
| | Community Anchor Inst. | | Total | 190 | 190 | 190 | 190 | 190 | 190 | 190 | |
| | Third Party Service Provider | | Total | 11 | 11 | 11 | 11 | 11 | 11 | 11 | |
| Cumulative Totals (including Indirect) | Residential/Individual | | Total | | | | | | | | |
| | Business | | Total | | | | | | | | |
| | Community Anchor Inst. | | Total | | | | | | | | |
| | Third Party Service Provider | | Total | | | | | | | | |

Explanation of A

Table of Customer Types

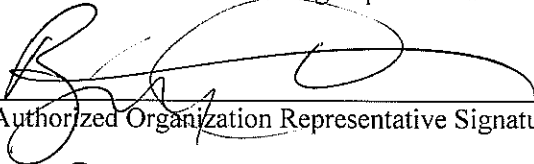
| |
|------------------------------|
| Residential/Individual |
| Business |
| Community Anchor Inst. |
| Third Party Service Provider |

**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 has 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) receives 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.

03/24/10

Date



Authorized Organization Representative Signature

BRYAN SIVAK
Print Name

CTO
Title



To: Mr. Lawrence E. Strickling
Assistant Secretary
National Telecommunications and Information Administration
U.S. Department of Commerce
1401 Constitution Ave., NW
Washington, D.C. 20230

From: Mr. Steve Moore
Washington, DC Economic Partnership
1495 F Street, NW
Washington, D.C. 20004

Re: Support for DC Government BTOP Application

Date: March 1, 2010

Mr. Strickling:

We understand that the Office of the Chief Technology Officer (OCTO) will submit on behalf of the Government of the District of Columbia an application for NTIA grant funds for the Broadband Technology Opportunities Program (BTOP), as authorized by the American Recovery and Reinvestment Act (ARRA).

This project will provide the District with critical broadband infrastructure (public safety agencies, educational institutions, libraries, health care facilities). The expanded broadband, computer access and training programs that comprise the District's BTOP proposal will enable collaboration among District agencies, private businesses and non-profit organizations. Most importantly, the proposal will increase access to economic opportunity for all District of Columbia residents.

Specifically, the Washington, DC Economic Partnership will have greater opportunity to provide the following:

- Provide broadband training workshops to small business owners, their employees, and entrepreneurs in DC's transitional and emerging neighborhoods;
- Raise awareness of broadband initiatives in the DC community through partnerships with OCTO, DC Office of Cable Television, and community stakeholders;
- Create a self-sustaining platform for broadband technology and service implementation in the District through a technology-based business plan competition and small business awards ceremony.



I strongly urge you to fund the OCTO initiative since the project is critical to providing improved services to District citizens, businesses and service providers.

A handwritten signature in blue ink, appearing to read "Steve Moore".

Steve Moore
President and CEO
Washington, DC Economic Partnership

Respectfully submitted,



The Voice of Business in DC

CHAMBER of COMMERCE

March 5, 2010

To: Mr. Lawrence E. Strickling
Assistant Secretary
National Telecommunications and Information Administration
U.S. Department of Commerce
1401 Constitution Avenue, NW
Washington, D.C. 20230

From: Barbara B. Lang, President & CEO
DC Chamber of Commerce
1213 K Street, NW
Washington, DC 20005

Re: Support for DC Government BTOP Application

Mr. Strickling:

The DC Chamber of Commerce is a 40 plus year old organization whose mission is to be the most valuable resource and leading advocate for businesses and to improve the climate of doing business throughout the District of Columbia. Our membership of 1700 is diverse in composition, reflecting the business community within Washington, DC. We assist businesses in succeeding through information, education, advocacy, networking and procurement opportunities.

We understand that the Office of the Chief Technology Officer (OCTO) will submit on behalf of the Government of the District of Columbia an application for NTIA grant funds for the Broadband Technology Opportunities Program (BTOP), as authorized by the American Recovery and Reinvestment Act (ARRA).

This project will provide the District with critical broadband infrastructure (public safety agencies, educational institutions, libraries, health care facilities). The expanded broadband, computer access and training programs that comprise the District's BTOP proposal will enable collaboration among District agencies, private businesses and non-profit organizations. Most importantly, the proposal will increase access to economic opportunity for all District of Columbia residents.

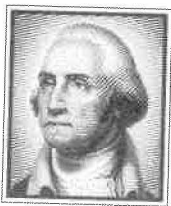
Specifically, our organization will have greater opportunity to support growth in the business community with a highly trained and local work force. This would help our small and large businesses remain competitive and cutting edge. By enabling our communities the ability to provide technology that will increase the function ability of our residents, doing business in DC can become more competitive and desirable.

I strongly urge you to fund the OCTO initiative since the project is critical to providing improved services to District citizens, businesses and service providers.

Sincerely,



Barbara B. Lang
President & CEO



To: Mr. Lawrence E. Strickling
Assistant Secretary
National Telecommunications and Information Administration
U.S. Department of Commerce
1401 Constitution Avenue, NW
Washington, D.C. 20230

From: Renaisa S. Anthony MD, MPH
George Washington University
2175 K. Street NW
Suite 700, Office 729
Washington, D.C. 20037

Re: Support for DC Government BTOP Application

Date: March 8, 2010

Greetings Mr. Strickling:

It is with great enthusiasm that I submit this letter in support of the Office of the Chief Technology Officer (OCTO) submission on behalf of the Government of the District of Columbia for NTIA grant funds for the Broadband Technology Opportunities Program (BTOP), as authorized by the American Recovery and Reinvestment Act (ARRA).

As a physician, professor, and public health practitioner, I believe such initiatives have the potential to improve the health of D.C. residents. As you may know, Congress passed legislation mandating the medical community to adopt electronic medical records as standard of care. In addition, the medical community has adopted new applications to communicate live with patients, deliver electronic versions of laboratory results, and imaging studies. Patients with access are able to be active participants in their medical care. However, populations at highest risk of disease processes and adverse outcomes are often without access to such technology which ultimately perpetuates health disparities.

This application for the (BTOP), as authorized by the (ARRA) is a great opportunity to reduce such disparities that occur simply because of lack of access. As a health professional, I believe this initiative will result in increased broadband access for all residents and may aid in improving the health of those at greatest risk. I support this application and offer my expertise upon funding in any capacity deemed fit.

I strongly urge funding of the OCTO initiative since the project is critical to providing improved services to District citizens, patients, and health care providers.

Sincerely,

Renaisa S. Anthony MD, MPH



**COLUMBIA HEIGHTS/SHAW
FAMILY SUPPORT COLLABORATIVE**

"Helping Families Stay Connected and Strong"

March 3rd, 2010

Mr. Lawrence E. Strickling
Assistant Secretary
National Telecommunications and Information Administration
U.S. Department of Commerce
1401 Constitution Avenue, NW
Washington, D.C. 20230

Dear Mr. Strickling,

Columbia Heights/Shaw Family Support Collaborative, founded in 1996, is a nonprofit intermediary community-based organization dedicated to stabilizing families and communities with the ultimate goal of ensuring that children and youth thrive and are safe. We achieve our mission, "Families stay connected and strong, through family support services, community capacity building and advocacy", by operating direct service and capacity building/technical assistance programming in the Columbia Heights and Shaw neighborhoods of Wards 1 and 2 and with Spanish-speaking immigrant families across the city.

We understand that the Office of the Chief Technology Officer (OCTO) is submitting DC's application for NTIA grant funds for the Broadband Technology Opportunities Program (BTOP), as authorized by the American Recovery and Reinvestment Act (ARRA).

This project will provide the District with critical broadband infrastructure (public safety agencies, educational institutions, libraries, health care facilities). The expanded broadband, computer access and training programs that comprise the District's BTOP proposal will enable and facilitate collaboration among District agencies, private businesses and nonprofit organizations. Most importantly, the proposal will increase access to economic opportunity for all District residents.

Specifically, our organization will have greater opportunity to:

- Help young people access education and workforce opportunities
- Reinvigorate our mobile tech lab
- Allow clients greater updated access to information services and resources in their community

I strongly urge you to fund the OCTO initiative since the project is critical to providing improved services to District citizens, businesses and service providers.

Sincerely,

Penelope Griffith
Executive Director

1816 12th Street, NW
Suite 201
Washington, DC 20009-4422
(202) 518-6737
(202) 518-6742 Fax

1420 Columbia Road, NW
Fourth Floor
Washington, DC 20009-4706
(202) 319-7599
(202) 319-0946 Fax

1722 7th Street, NW
First Floor
Washington, DC 20001-3106
(202) 483-4547
(202) 483-4588 Fax

BTOP Comprehensive Community Infrastructure Project Plan and Build-out Timeline

PROJECT PLAN – DC-COMMUNITY ACCESS NETWORK (DC-CAN; EASYGRANTS #5116)

- Use the following table to list the major network build-out phases and milestones that can demonstrate that your entire project will be substantially complete by the end of Year 2 and fully complete by the end of Year 3. This is to be done at the aggregate level (combining all proposed funded service areas.)
- Indicated how the milestones listed below will demonstrate these completion objectives. The applicant should consider such project areas as: a) network design; b) securing all relevant licenses and agreements; c) site preparation; d) inside plant deployment; e) outside plan deployment; f) deployment of business & operational support systems; g) network testing; f) network operational. The applicant may provide any other milestones that it believes showcase progress.
- Project inception (Year 0) starts at the date when the applicant receives notice that the project has been approved for funding.
- In the table, provide any information (e.g., facts, analysis) to: a) demonstrate the reasonableness of these milestones; b) substantiate the ability to reach the milestones by the quarters indicated.

| Time Period | Quarter | Milestones | Support for Reasonableness/Data Points |
|-------------|---------|--|--|
| Year 0 | - | <ul style="list-style-type: none"> • Equipment procured for first phase buildouts 10/3/10 | <ul style="list-style-type: none"> • |
| Year 1 | Qtr. 1 | <ul style="list-style-type: none"> • Equipment procured for second phase buildouts 1/3/11 | <ul style="list-style-type: none"> • |
| | Qtr. 2 | <ul style="list-style-type: none"> • Equipment procured for third phase buildouts 3/4/11 • Complete access loops 006-252 | <ul style="list-style-type: none"> • Loop 006-252: 12 sites. 12 days network design and site preparation; 60 days equipment procurement from day 1; ISP/Equipment deployment 6 days; OSP aerial fiber deployment 28,500 ft @ 10,000 ft per week; OSP underground survey 3000 ft @ 1000 ft per day; OSP underground deployment 3000 ft @ 250 feet per day (includes Innerduct removal and placement and cable placement); 24 days network testing and turn-up. |
| | Qtr. 3 | <ul style="list-style-type: none"> • Complete access loops: • 250-234 | <ul style="list-style-type: none"> • Loop 250-234: 24 sites. 24 days network design and site preparation; 60 days equipment procurement from day 1; |

| | | | |
|--|--------|---|--|
| | | <ul style="list-style-type: none"> • 355-256 • 006-006 • 006-251 • 222-354 • 006-007 | <p>ISP/Equipment deployment 12 days; OSP aerial fiber deployment 76,500 ft @ 10,000 ft per week; 48 days network testing and turn-up.</p> <ul style="list-style-type: none"> • Loop 355-256: 19 sites. 19 days network design and site preparation; 60 days equipment procurement from day 1; ISP/Equipment deployment 10 days; OSP aerial fiber deployment 46500 ft @ 10,000 ft per week; OSP underground survey 7250 ft @ 1000 ft per day; OSP underground deployment 7250 ft @ 250 feet per day (includes Innerduct removal and placement and cable placement); 38 days network testing and turn-up. • Loop 006-006: 13 sites. 13 days network design and site preparation; 60 days equipment procurement from day 1; ISP/Equipment deployment 7 days; OSP aerial fiber deployment 28,250 ft @ 10,000 ft per week; OSP underground survey 10,250 ft @ 1000 ft per day; OSP underground deployment 10,250 ft @ 250 feet per day (includes Innerduct removal and placement and cable placement); 26 days network testing and turn-up. • Loop 006-251: 12 sites. 12 days network design and site preparation; 60 days equipment procurement from day 90; ISP/Equipment deployment 6 days; OSP aerial fiber deployment 22,500 ft @ 10,000 ft per week; OSP underground survey 8,250 ft @ 1000 ft per day; OSP underground deployment 8,250 ft @ 250 feet per day (includes Innerduct removal and placement and cable placement); 24 days network testing and turn-up. • Loop 222-354: 25 sites. 25 days network design and site preparation; 60 days equipment procurement from day 90; ISP/Equipment deployment 13 days; OSP aerial fiber deployment 49,000 ft @ 10,000 ft per week; OSP underground survey 11,500 ft @ 1000 ft per day; OSP underground deployment 11,500 ft @ 250 feet per day (includes Innerduct removal and placement and cable placement); 50 days network testing and turn-up. • Loop 006-007: 11 sites. 11 days network design and site preparation; 60 days equipment procurement from day 90; ISP/Equipment deployment 6 days; OSP underground survey 17,000 ft @ 1000 ft per day; OSP underground deployment 17,000 ft @ 250 feet per day (includes Innerduct removal and placement and cable placement); 22 days network testing and turn-up. |
| | Qtr. 4 | <ul style="list-style-type: none"> • Complete access loop 248-248 • Complete core ring segment 015-253 | <ul style="list-style-type: none"> • Loop 248-248: 17 sites. 17 days network design and site preparation; 60 days equipment procurement from day 90; ISP/Equipment deployment 9 days; OSP aerial fiber deployment 36500 ft @ 10,000 ft per week; 34 days network testing and turn-up. |

| | | | |
|--------|--------|---|---|
| | | | <ul style="list-style-type: none"> Core ring segment 014-253: 10 days network design; 5 days site preparation; 60 days equipment procurement from day 1; ISP/Equipment deployment 10 days; OSP underground survey 36,000 ft @ 1000 ft per day; OSP underground deployment 36,000 ft @ 250 feet per day (includes Innerduct removal and placement and cable placement); 10 days network testing and turn-up. |
| Year 2 | Qtr. 1 | <ul style="list-style-type: none"> | <ul style="list-style-type: none"> |
| | Qtr. 2 | <ul style="list-style-type: none"> Complete access loop 003-003, 248-225 Complete core ring segment 253-248 | <ul style="list-style-type: none"> Loop 003-003: 16 sites. 16 days network design and site preparation; 60 days equipment procurement from day 180; ISP/Equipment deployment 9 days; OSP underground survey 17,000 ft @ 1000 ft per day; OSP underground deployment 17,000 ft @ 250 feet per day (includes Innerduct removal and placement and cable placement); 22 days network testing and turn-up. Loop 248-225: 32 sites. 32 days network design and site preparation; 60 days equipment procurement from day 180; ISP/Equipment deployment 16 days; OSP aerial fiber deployment 19,500 ft @ 10,000 ft per week; OSP underground survey 48,750 ft @ 1000 ft per day; OSP underground deployment 48,750 ft @ 250 feet per day (includes Innerduct removal and placement and cable placement); 64 days network testing and turn-up. Core ring segment 253-248: 10 days network design; 5 days site preparation; 60 days equipment procurement from day 1; ISP/Equipment deployment 15 days; OSP underground survey 41,500 ft @ 1000 ft per day; OSP underground deployment 41,500 ft @ 250 feet per day (includes Innerduct removal and placement and cable placement); 10 days network testing and turn-up. |
| | Qtr. 3 | <ul style="list-style-type: none"> Complete core ring segment 006-014 | <ul style="list-style-type: none"> Core ring segment 006-014: 10 days network design; 5 days site preparation; 60 days equipment procurement from day 1; ISP/Equipment deployment 10 days; OSP underground survey 85,000 ft @ 1000 ft per day; OSP underground deployment 85,000 ft @ 250 feet per day (includes Innerduct removal and placement and cable placement); 10 days network testing and turn-up. |
| | Qtr. 4 | <ul style="list-style-type: none"> Complete core ring segments 248-003, 003-405, 304-415 | <ul style="list-style-type: none"> Core ring segment 248-003: 10 days network design; 5 days site preparation; 60 days equipment procurement from day 90; ISP/Equipment deployment 10 days; OSP underground survey 22,500 ft @ 1000 ft per day; OSP underground deployment 22,500 ft @ 250 feet per day (includes Innerduct removal and placement and cable |

| | | | |
|--------|--------|---|---|
| | | | <p>placement); 10 days network testing and turn-up.</p> <ul style="list-style-type: none"> • Core ring segment 003-405: 10 days network design; 5 days site preparation; 60 days equipment procurement from day 90; ISP/Equipment deployment 10 days; OSP underground survey 19,500 ft @ 1000 ft per day; OSP underground deployment 19,500 ft @ 250 feet per day (includes Innerduct removal and placement and cable placement); 10 days network testing and turn-up. • Core ring segment 304-415: 10 days network design; 5 days site preparation; 60 days equipment procurement from day 90; ISP/Equipment deployment 10 days; OSP underground survey 8,000 ft @ 1000 ft per day; OSP underground deployment 8,000 ft @ 250 feet per day (includes Innerduct removal and placement and cable placement); 10 days network testing and turn-up. |
| Year 3 | Qtr. 1 | <ul style="list-style-type: none"> • Complete access point-to-point sites • Complete core ring segment 405-304, 415-001 | <ul style="list-style-type: none"> • Point-to-point: 42 sites. 42 days network design and site preparation; 60 days equipment procurement from day 180; ISP/Equipment deployment 24 days; OSP aerial fiber deployment 11,000 ft @ 10,000 ft per week; OSP underground survey 65,500 ft @ 1000 ft per day; OSP underground deployment 65,500 ft @ 250 feet per day (includes Innerduct removal and placement and cable placement); 84 days network testing and turn-up. • Core ring segment 405-304: 10 days network design; 5 days site preparation; 60 days equipment procurement from day 180; ISP/Equipment deployment 10 days; OSP underground survey 27,500 ft @ 1000 ft per day; OSP underground deployment 27,500 ft @ 250 feet per day (includes Innerduct removal and placement and cable placement); 10 days network testing and turn-up. • Core ring segment 415-001: 10 days network design; 5 days site preparation; 60 days equipment procurement from day 180; ISP/Equipment deployment 10 days; OSP underground survey 10,500 ft @ 1000 ft per day; OSP underground deployment 10,500 ft @ 250 feet per day (includes Innerduct removal and placement and cable placement); 10 days network testing and turn-up. |
| | Qtr. 2 | <ul style="list-style-type: none"> • Complete core ring segment 028-006 | <ul style="list-style-type: none"> • Core ring segment 028-006: 10 days network design; 5 days site preparation; 60 days equipment procurement from day 180; ISP/Equipment deployment 10 days; OSP underground survey 17,000 ft @ 1000 ft per day; OSP underground deployment 17,000 ft @ 250 feet per day (includes Innerduct removal and placement and cable placement); 10 days network testing and turn-up. |

| | | | |
|--|--------|--|---|
| | Qtr. 3 | <ul style="list-style-type: none">• List all relevant milestones | <ul style="list-style-type: none">• |
| | Qtr. 4 | <ul style="list-style-type: none">• List all relevant milestones | <ul style="list-style-type: none">• |

BUILD-OUT TIMELINE - DC COMMUNITY ACCESS NETWORK (DC-CAN; EASYGRANTS #5116)

Complete the following schedule for *each* Last Mile or Middle Mile Service Area to note the degree of build-out, based on: a) infrastructure funds awarded; b) entities passed (households, businesses, and community anchor institutions.). In addition, please complete a schedule that aggregates the build-out timeline across all of the Proposed Funded Service Area.

| Service Area | DC-Community Access Network | | | | | | | | | | | | |
|--|-----------------------------|-----------|-----------|------|-----------|-----------|-----------|-----------|-----------|---------|-----|----|----|
| | Yr 0 | YEAR 1 | | | | YEAR 2 | | | | YEAR 3 | | | |
| | | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| Infrastructure Funds | | | | | | | | | | | | | |
| Infrastructure Funds Advanced (estimate) | 4,923,177 | 3,692,383 | 3,692,383 | 0 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 150,000 | 0 | 0 | |
| Percentage of Total Funds | 28.2% | 21.2% | 21.2% | 0% | 5.72% | 5.72% | 5.72% | 5.72% | 5.72% | 0.9% | | | |
| Entities Passed & % | | | | | | | | | | | | | |
| Households | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | |
| Percentage of Total Households | | | | | | | | | | | | | |
| Businesses | | 14 | 255 | 76 | | 266 | | | | 26 | | | |
| Percentage of Total Businesses | | 2.2 | 42.2 | 54.2 | | 95.9 | | | | 100 | | | |
| Community Anchor Institutions | | 12 | 104 | 17 | | 48 | | | | 42 | | | |
| Percentage of Total Institutions | | 5 | 52 | 60 | | 81 | | | | 100 | | | |

BTOP Comprehensive Community Infrastructure Community Anchor Institution and Network Points of Interest Detail Template

Please complete the Anchor Institution Details worksheet by providing information on Community Anchor Institutions that will be directly connected by the proposed network as necessary. All Community Anchor Institutions should be given a type from the specification. A Community Anchor Institution is considered a minority-serving institution if it is a post-secondary educational institution with enrollment of minority students exceeding 50% of its total enrollment. The "Project Role" column only requires a word or two, or a short phrase, not a detailed explanation of the role of project partners and community anchor institution provided in the essay portions of the application.

Please complete the Points of Interest worksheet by providing information on all points of interest (passive, non-environmentally controlled points of interconnection, cell tower points, may be excluded), collocation facilities, central offices, head ends, and other central office facilities, network access points to last mile service providers, Internet peering points, etc. For each point of interest you may provide either a street address or geocoordinates (lat/long). You must provide detail on what the point of interest is, whether it is already existing or will be created by the proposed project. Where more than one facility type applies, select the most appropriate facility type. For example, if a central office houses a point of interconnection, select central office as the facility type, or if a cell site is located on a tower, select tower as the facility type. Interconnection Available at the Facility field should be Yes if interconnection to the proposed network is available at that location, otherwise No. The brief description field is optional and may be used to convey a better understanding of what the facility is. You may use the space at the bottom of the table to provide additional notes, if desired.

The data provided via this template will be subject to automated processing. Applicants are therefore required to provide this upload as an Excel file, and not to convert it to a PDF or other format for upload. Additionally, applicants should not modify the format of this file.

all
ork. Add rows
cified list. A
dary
ment. The
xplanation. A
is should be

its of
e.g. splice
entralized
, and towers.
or both. You
ould be
ie larger
central office
e. The
roposed
onal, but may
ce provided at

cants are
PDF prior to

BTOP CCI Community Anchor Institutions Detail Template

Title: **DC-Community Access Network (DC-CAN)**
 Easy Grants ID: **5116**

| Facility Name | Organization | Address Line 1 | City | State | Zip | Facility Type | Minority Serving Institution Type | Project Role |
|--|---|---------------------------|------------|-------|-------|-------------------|--|------------------------------|
| CCDC | Community College of the District of Columbia | 5171 South Dakota Ave NE | Washington | DC | 20017 | Community College | Historically Black College or University | Connected anchor institution |
| Maya Angelou PCS - Shaw C | Independent Public Charter School | 1851 9TH STREET NW | Washington | DC | 20001 | School (k-12) | | Connected anchor institution |
| Meridian PCS | Independent Public Charter School | 1328 FLORIDA AVENUE NW | Washington | DC | 20009 | School (k-12) | | Connected anchor institution |
| Carlos Rosario International | Independent Public Charter School | 1100 HARVARD STREET NW | Washington | DC | 20009 | School (k-12) | | Connected anchor institution |
| Next Step/El Proximo Paso P | Independent Public Charter School | 1419 COLUMBIA ROAD NW | Washington | DC | 20010 | School (k-12) | | Connected anchor institution |
| District of Columbia Bilingua | Independent Public Charter School | 1420 COLUMBIA ROAD NW | Washington | DC | 20009 | School (k-12) | | Connected anchor institution |
| Booker T. Washington PCS for Technical Arts | Independent Public Charter School | 1346 FLORIDA AVENUE NW | Washington | DC | 20009 | School (k-12) | | Connected anchor institution |
| Children's Studio School PCS | Independent Public Charter School | 1301 V STREET NW | Washington | DC | 20009 | School (k-12) | | Connected anchor institution |
| Capital City PCS Lower Scho | Independent Public Charter School | 3047 15TH STREET NW | Washington | DC | 20009 | School (k-12) | | Connected anchor institution |
| Howard University Middle School for Math and Science PCS | Independent Public Charter School | 405 HOWARD PLACE NW | Washington | DC | 20001 | School (k-12) | | Connected anchor institution |
| YouthBuild LAYC PCS | Independent Public Charter School | 3014 14th Street NW | Washington | DC | 20009 | School (k-12) | | Connected anchor institution |
| AppleTree Early Learning PCS - NW Campus | Independent Public Charter School | 2750 14TH ST NW | Washington | DC | 20009 | School (k-12) | | Connected anchor institution |
| E.L. Haynes PCS | Independent Public Charter School | 3600 Georgia Avenue NW | Washington | DC | 20010 | School (k-12) | | Connected anchor institution |
| Cesar Chavez Prep | Independent Public Charter School | 3220 16th Street NW | Washington | DC | 20010 | School (k-12) | | Connected anchor institution |
| Capital City PCS Upper Scho | Independent Public Charter School | 3029 14TH Street NW | Washington | DC | 20009 | School (k-12) | | Connected anchor institution |
| Community Academy PCS Al | Independent Public Charter School | 1225 R Street, NW | Washington | DC | 20009 | School (k-12) | | Connected anchor institution |
| Mary McLeod Bethune PCS | Independent Public Charter School | 5413 16TH STREET NW | Washington | DC | 20011 | School (k-12) | | Connected anchor institution |
| Young America Works PCS | Independent Public Charter School | 6015 CHILLUM PLACE NE | Washington | DC | 20011 | School (k-12) | | Connected anchor institution |
| Paul PCS | Independent Public Charter School | 5800 8TH STREET NW | Washington | DC | 20011 | School (k-12) | | Connected anchor institution |
| Barbara Jordan PCS | Independent Public Charter School | 100 PEABODY STREET NW | Washington | DC | 20011 | School (k-12) | | Connected anchor institution |
| Ideal Academy PCS | Independent Public Charter School | 100 PEABODY STREET NW 2nd | Washington | DC | 20011 | School (k-12) | | Connected anchor institution |
| Kamit Institute for Magnificent Achievers | Independent Public Charter School | 100 PEABODY STREET NW 1st | Washington | DC | 20011 | School (k-12) | | Connected anchor institution |
| Bridges PCS | Independent Public Charter School | 1250 TAYLOR STREET NW | Washington | DC | 20011 | School (k-12) | | Connected anchor institution |
| Community Academy PCS- Amos Elementary Campus | Independent Public Charter School | 1300 ALLISON STREET NW | Washington | DC | 20011 | School (k-12) | | Connected anchor institution |
| Washington Latin PCS- 16th Street Campus | Independent Public Charter School | 4715 16th Street NW | Washington | DC | 20011 | School (k-12) | | Connected anchor institution |
| Community Academy PCS- Amos 2 Campus | Independent Public Charter School | 1351 NICHOLSON STREET NW | Washington | DC | 20011 | School (k-12) | | Connected anchor institution |
| Roots PCS | Independent Public Charter School | 15 KENNEDY STREET NW | Washington | DC | 20011 | School (k-12) | | Connected anchor institution |
| Academia Bilingue de la Comunidad (ABC) PCS | Independent Public Charter School | 209 Upshur Street NW | Washington | DC | 20011 | School (k-12) | | Connected anchor institution |

BTOP CCI Community Anchor Institutions Detail Template

Title: **DC-Community Access Network (DC-CAN)**

Easy Grants ID: **5116**

| | | | | | | | |
|---|-----------------------------------|------------------------------|------------|----|-------|---------------|------------------------------|
| Latin American Montessori Bilingual PCS | Independent Public Charter School | 1375 MISSOURI AVENUE NW | Washington | DC | 20017 | School (k-12) | Connected anchor institution |
| Hospitality High School PCS | Independent Public Charter School | 4301 13TH STREET NW | Washington | DC | 20011 | School (k-12) | Connected anchor institution |
| MEI Futures Academy PCS | Independent Public Charter School | 6000 NEW HAMPSHIRE AVENUE | Washington | DC | 20017 | School (k-12) | Connected anchor institution |
| Hope Community PCS - Lamond Campus | Independent Public Charter School | 6200 KANSAS AVE NE | Washington | DC | 20011 | School (k-12) | Connected anchor institution |
| Center City Brightwood Campus | Independent Public Charter School | 6008 Georgia Avenue NW | Washington | DC | 20011 | School (k-12) | Connected anchor institution |
| Center City Petworth Campus | Independent Public Charter School | 510 Webster Street NW | Washington | DC | 20011 | School (k-12) | Connected anchor institution |
| Ideal Academy PCS | Independent Public Charter School | 6130 North Capital Street NW | Washington | DC | 20011 | School (k-12) | Connected anchor institution |
| Roots PCS | Independent Public Charter School | 6222 North Capitol Street NW | Washington | DC | 20011 | School (k-12) | Connected anchor institution |
| Potomac Lighthouse PCS | Independent Public Charter School | 1600 TAYLOR STREET NE | Washington | DC | 20017 | School (k-12) | Connected anchor institution |
| Elsie Whitlow Stokes Community Freedom PCS | Independent Public Charter School | 3700 Oakview Terrace NE | Washington | DC | 20017 | School (k-12) | Connected anchor institution |
| William E Doar JR PCS | Independent Public Charter School | 3700 North Capitol Street NW | Washington | DC | 20011 | School (k-12) | Connected anchor institution |
| City Lights PCS | Independent Public Charter School | 62 T STREET NE | Washington | DC | 20002 | School (k-12) | Connected anchor institution |
| D.C. Preparatory Academy PCES - Middle Campus | Independent Public Charter School | 701 EDGEWOOD STREET NE | Washington | DC | 20017 | School (k-12) | Connected anchor institution |
| William E. Doar Jr. PCS for the Performing Arts | Independent Public Charter School | 705 EDGEWOOD STREET NE | Washington | DC | 20017 | School (k-12) | Connected anchor institution |
| Hyde Leadership PCS | Independent Public Charter School | 101 T STREET NE | Washington | DC | 20002 | School (k-12) | Connected anchor institution |
| Academy for Learning Through the Arts PCS | Independent Public Charter School | 1600 TAYLOR STREET NE | Washington | DC | 20017 | School (k-12) | Connected anchor institution |
| Tree of Life Community PCS | Independent Public Charter School | 2315 18TH PL NE | Washington | DC | 20018 | School (k-12) | Connected anchor institution |
| Friendship PCS- Woodridge Campus | Independent Public Charter School | 2959 CARLTON AVENUE NE | Washington | DC | 20018 | School (k-12) | Connected anchor institution |
| Community Academy PCS- Rand Campus | Independent Public Charter School | 33 RIGGS ROAD NE | Washington | DC | 20011 | School (k-12) | Connected anchor institution |
| Science, and Technology PCS | Independent Public Charter School | 1920 BLADENSBURG ROAD NE | Washington | DC | 20002 | School (k-12) | Connected anchor institution |
| Hope Community PCS - Tolson Campus | Independent Public Charter School | 2917 8TH STREET NE | Washington | DC | 20017 | School (k-12) | Connected anchor institution |
| D.C. Preparatory Academy PCES - Elementary Campus | Independent Public Charter School | 707 EDGEWOOD STREET NE | Washington | DC | 20017 | School (k-12) | Connected anchor institution |
| Mary McLeod Bethune PCS - Slowe Elementary Campus | Independent Public Charter School | 1404 JACKSON STREET NE | Washington | DC | 20017 | School (k-12) | Connected anchor institution |
| Center City Brentwood Campus | Independent Public Charter School | 2019 Rhode Island Avenue NE | Washington | DC | 20018 | School (k-12) | Connected anchor institution |
| Center City PCS Trinidad Campus | Independent Public Charter School | 1217 West Virginia Ave NE | Washington | DC | 20002 | School (k-12) | Connected anchor institution |
| Washington Yu Ying PCS | Independent Public Charter School | 4401 8th Street NE | Washington | DC | 20017 | School (k-12) | Connected anchor institution |
| AppleTree Early Learning PCS | Independent Public Charter School | 680 I STREET SW | Washington | DC | 20024 | School (k-12) | Connected anchor institution |
| Public Policy - Capitol Hill Campus | Independent Public Charter School | 709 12TH STREET SE | Washington | DC | 20003 | School (k-12) | Connected anchor institution |
| Friendship PCS- Chamberlain Campus | Independent Public Charter School | 1345 POTOMAC AVENUE SE | Washington | DC | 20003 | School (k-12) | Connected anchor institution |
| Options PCS | Independent Public Charter School | 1375 E STREET NE | Washington | DC | 20002 | School (k-12) | Connected anchor institution |
| Center City Capitol Hill | Independent Public Charter School | 1503 East Capitol Street SE | Washington | DC | 20003 | School (k-12) | Connected anchor institution |
| St. Coletta of Greater Washington PCS | Independent Public Charter School | 1901 INDEPENDENCE AVE SE | Washington | DC | 20003 | School (k-12) | Connected anchor institution |
| Apple Tree Early Learning | Independent Public Charter School | 401 I Street, SW | Washington | DC | 20024 | School (k-12) | Connected anchor institution |
| Eagle Academy PCS | Independent Public Charter School | 770 M STREET SE | Washington | DC | 20003 | School (k-12) | Connected anchor institution |

BTOP CCI Community Anchor Institutions Detail Template

Title: **DC-Community Access Network (DC-CAN)**

Easy Grants ID: **5116**

| | | | | | | | |
|--|-----------------------------------|--------------------------------------|------------|----|-------|--------------------------------------|------------------------------|
| Arts and Technology Academy | Independent Public Charter School | 5300 BLAINE STREET NE | Washington | DC | 20019 | School (k-12) | Connected anchor institution |
| Maya Angelou PCS - Evans Campus | Independent Public Charter School | 5600 EAST CAPITOL STREET NE | Washington | DC | 20019 | School (k-12) | Connected anchor institution |
| Friendship PCS-Blow Pierce Junior Academy Campus | Independent Public Charter School | 725 19TH STREET NE | Washington | DC | 20002 | School (k-12) | Connected anchor institution |
| KIPP DC: KEY Academy PCS | Independent Public Charter School | 4801 BENNING ROAD SE | Washington | DC | 20019 | School (k-12) | Connected anchor institution |
| Public Policy - Parkside Campus | Independent Public Charter School | 3701 HAYES STREET NE | Washington | DC | 20019 | School (k-12) | Connected anchor institution |
| Friendship PCS-Woodson Campus | Independent Public Charter School | 4095 MINNESOTA AVENUE NE | Washington | DC | 20019 | School (k-12) | Connected anchor institution |
| Nia Community PCS | Independent Public Charter School | 100 41ST STREET NE | Washington | DC | 20019 | School (k-12) | Connected anchor institution |
| Maya Angelou PCS - Middle School Campus | Independent Public Charter School | 5600 EAST CAPITOL STREET NE | Washington | DC | 20019 | School (k-12) | Connected anchor institution |
| DC Preparatory Benning Academy Campus | Independent Public Charter School | 100 41st Street, NE | Washington | DC | 20019 | School (k-12) | Connected anchor institution |
| Howard Road Academy PCS | Independent Public Charter School | 3000 Pennsylvania Avenue SE | Washington | DC | 20020 | School (k-12) | Connected anchor institution |
| Howard Road Academy PCS | Independent Public Charter School | 4625 G Street SE | Washington | DC | 20019 | School (k-12) | Connected anchor institution |
| Thea Bowman Preparatory Academy PCS | Independent Public Charter School | 330 21ST STREET NE | Washington | DC | 20002 | School (k-12) | Connected anchor institution |
| Integrated Design and Electronics Academy (IDEA) PCS | Independent Public Charter School | 1027 45TH STREET NE | Washington | DC | 20019 | School (k-12) | Connected anchor institution |
| School of Educational Evolution and Development (SEED) PCS | Independent Public Charter School | 4300 C STREET SE | Washington | DC | 20019 | School (k-12) | Connected anchor institution |
| Friendship PCS-Southeast Elementary Academy | Independent Public Charter School | 645 MILWAUKEE PLACE SE | Washington | DC | 20032 | School (k-12) | Connected anchor institution |
| Howard Road Academy PCS | Independent Public Charter School | 701 HOWARD ROAD SE | Washington | DC | 20020 | School (k-12) | Connected anchor institution |
| KIPP DC: AIM Academy PCS | Independent Public Charter School | 2600 DOUGLASS ROAD SE | Washington | DC | 20020 | School (k-12) | Connected anchor institution |
| Early Childhood Academy PCS | Independent Public Charter School | 4025 9TH STREET SE | Washington | DC | 20018 | School (k-12) | Connected anchor institution |
| Septima Clark PCS | Independent Public Charter School | 425 CHESAPEAKE STREET SE | Washington | DC | 20032 | School (k-12) | Connected anchor institution |
| Center City PCS Congress Heights | Independent Public Charter School | 220 Highview Place SE | Washington | DC | 20032 | School (k-12) | Connected anchor institution |
| Excel Academy PCS | Independent Public Charter School | 3845 South Capitol Street SW | Washington | DC | 20032 | School (k-12) | Connected anchor institution |
| Imagine Southeast PCS | Independent Public Charter School | 421 ALABAMA AVENUE SE | Washington | DC | 20032 | School (k-12) | Connected anchor institution |
| Thurgood Marshall Academy | Independent Public Charter School | 2427 MARTIN LUTHER KING JR AVENUE SE | Washington | DC | 20020 | School (k-12) | Connected anchor institution |
| Achievement Preparatory Academy PCS | Independent Public Charter School | 908 Wahler Place, SE | Washington | DC | 20032 | School (k-12) | Connected anchor institution |
| Apparatus Warehouse | DC FEMS | 915 Gallatin Street NW | Washington | DC | 20011 | Public Safety Entity | Connected anchor institution |
| Fire Clinic | DC FEMS | 920 Varnum Street NE | Washington | DC | 20017 | Public Safety Entity | Connected anchor institution |
| FEMS Warehouse | DC FEMS | 3180 V street NE | Washington | DC | 20018 | Public Safety Entity | Connected anchor institution |
| Community Care Center (CCC) | DC Department of Corrections | 3301 16TH STREET NW | Washington | DC | 20010 | Other Community Support Organization | Connected anchor institution |
| Mickey Leland House | DC Department of Corrections | 455-457 FLORIDA AVENUE NW | Washington | DC | 20001 | Other Community Support Organization | Connected anchor institution |
| Shaw II | DC Department of Corrections | 1740 - 1742 PARK ROAD NW | Washington | DC | 20010 | Other Community Support Organization | Connected anchor institution |
| Washington Halfway Homes (The) Fairview | DC Department of Corrections | 1430 G STREET NE | Washington | DC | 20002 | Other Community Support Organization | Connected anchor institution |

BTOP CCI Community Anchor Institutions Detail Template

Title: **DC-Community Access Network (DC-CAN)**

Easy Grants ID: **5116**

| | | | | | | | |
|---|------------------------------------|--|------------|----|-------|--------------------------------------|------------------------------|
| Bannum Place | DC Department of Corrections | 2210 ADAMS PLACE NE | Washington | DC | 20018 | Other Community Support Organization | Connected anchor institution |
| Extended House | DC Department of Corrections | 814 14TH STREET NE | Washington | DC | 20002 | Other Community Support Organization | Connected anchor institution |
| Hope Village | DC Department of Corrections | 2840 LANGSTON PLACE SE | Washington | DC | 20020 | Other Community Support Organization | Connected anchor institution |
| WASHINGTON FREE CLINIC | Non-Profit Community Health Center | 1525 NEWTON ST, NW | Washington | DC | 20010 | Medical or Healthcare Provider | Connected anchor institution |
| COMMUNITY OF HOPE HEALTH CTR | Non-Profit Community Health Center | 1417 BELMONT ST, NW 4TH FL | Washington | DC | 20009 | Medical or Healthcare Provider | Connected anchor institution |
| HOWARD UNIVERSITY HOSPITAL FAMILY HEALTH CTR | Howard University | 2139 GEORGIA AVE, NW 4TH F | Washington | DC | 20001 | Medical or Healthcare Provider | Connected anchor institution |
| HOWARD UNIVERSITY HOSPITAL FAMILY MEDICINE GROUP | Howard University | 2041 GEORGIA AVE., NW 1ST FLR TOWER BLDG, STE1700C | Washington | DC | 20060 | Medical or Healthcare Provider | Connected anchor institution |
| LA CLINICA DEL PUEBLO | Non-Profit Community Health Center | 1470 IRVING ST, NW | Washington | DC | 20010 | Medical or Healthcare Provider | Connected anchor institution |
| BUCKLEY UPPER CARDOZA HEALTH CENTER | Non-Profit Community Health Center | 3020 14TH STREET, NW | Washington | DC | 20009 | Medical or Healthcare Provider | Connected anchor institution |
| CHILDREN'S SHAW HEALTH CTR (COMPREHENSIVE CLINIC) | Non-Profit Community Health Center | 2220 11TH ST, NW | Washington | DC | 20001 | Medical or Healthcare Provider | Connected anchor institution |
| CHRIST HOUSE HEALTH CTR | Non-Profit Community Health Center | 1717 COLUMBIA RD, NW | Washington | DC | 20009 | Medical or Healthcare Provider | Connected anchor institution |
| COLUMBIA RD HEALTH SERV | Non-Profit Community Health Center | 1660 COLUMBIA RD, NW | Washington | DC | 20009 | Medical or Healthcare Provider | Connected anchor institution |
| SPANISH CATHOLIC CENTER | Non-Profit Community Health Center | 1618 MONROE STREET, NW | Washington | DC | 20010 | Medical or Healthcare Provider | Connected anchor institution |
| Community of Hope | Non-Profit Community Health Center | 2250 CHAMPLAIN ST, NW | Washington | DC | 20009 | Medical or Healthcare Provider | Connected anchor institution |
| Community of Hope | Non-Profit Community Health Center | 1413 GIRARD ST, NW | Washington | DC | 20009 | Medical or Healthcare Provider | Connected anchor institution |
| Mary's Center for Maternal and Child Care | Non-Profit Community Health Center | 2333 Ontario Rd NW | Washington | DC | 20009 | Medical or Healthcare Provider | Connected anchor institution |
| CENTRAL UNION MISSION C | Non-Profit Community Health Center | 1631 14TH ST, NW | Washington | DC | 20009 | Medical or Healthcare Provider | Connected anchor institution |
| Carl Vogel | Non-Profit Community Health Center | 1012 14th Street, NW | Washington | DC | 20005 | Medical or Healthcare Provider | Connected anchor institution |
| Bread For The City | Non-Profit Community Health Center | 1525 7th St NW | Washington | DC | 20001 | Medical or Healthcare Provider | Connected anchor institution |
| WHITMAN-WALKER CLINIC | Non-Profit Community Health Center | 1407 S ST, NW | Washington | DC | 20009 | Medical or Healthcare Provider | Connected anchor institution |
| WHITMAN WALKER: ELIZABETH TAYLOR CLINIC | Non-Profit Community Health Center | 1701 14TH ST, NW | Washington | DC | 20009 | Medical or Healthcare Provider | Connected anchor institution |
| Unity - Homeless Care | Non-Profit Community Health Center | 1333 N ST, NW | Washington | DC | 20005 | Medical or Healthcare Provider | Connected anchor institution |
| Planned Parenthood ù Down | Non-Profit Community Health Center | 1108 16th Street NW | Washington | DC | 20036 | Medical or Healthcare Provider | Connected anchor institution |
| Unity - Friendship | Non-Profit Community Health Center | 4713 Wisconsin Avenue NW | Washington | DC | 20016 | Medical or Healthcare Provider | Connected anchor institution |
| UNION MULTI-CARE MEDICAL CTR | Non-Profit Community Health Center | 6323 GEORGIA AVE, NW | Washington | DC | 20011 | Medical or Healthcare Provider | Connected anchor institution |
| Mary's Center for Maternal and Child Care | Non-Profit Community Health Center | 508 KENNEDY ST, NW | Washington | DC | 20011 | Medical or Healthcare Provider | Connected anchor institution |
| EMERY SHELTER CLINIC | Non-Profit Community Health Center | 1725 LINCOLN RD, NE | Washington | DC | 20002 | Medical or Healthcare Provider | Connected anchor institution |

BTOP CCI Community Anchor Institutions Detail Template

Title: **DC-Community Access Network (DC-CAN)**

Easy Grants ID: **5116**

| | | | | | | | |
|--|------------------------------------|-----------------------------|------------|----|-------|--------------------------------|------------------------------|
| HARBOR LIGHT | Non-Profit Community Health Center | 2100 NEW YORK AVE, NE | Washington | DC | 20002 | Medical or Healthcare Provider | Connected anchor institution |
| WOODRIDGE COMMUNITY HEALTH CTR | Non-Profit Community Health Center | 2146 24TH PL, NE | Washington | DC | 20018 | Medical or Healthcare Provider | Connected anchor institution |
| Children's Health Center - Children's Hospital | Non-Profit Community Health Center | 111 MICHIGAN AVE, NW | Washington | DC | 20010 | Medical or Healthcare Provider | Connected anchor institution |
| Family Health and Birth Cent | Non-Profit Community Health Center | 801 17th St NE | Washington | DC | 20002 | Medical or Healthcare Provider | Connected anchor institution |
| Unity - Brentwood | Non-Profit Community Health Center | 1201 Brentwood Road NE | Washington | DC | 20018 | Medical or Healthcare Provider | Connected anchor institution |
| So Others Might Eat | Non-Profit Community Health Center | 71 O St. NW | Washington | DC | 20001 | Medical or Healthcare Provider | Connected anchor institution |
| Unity New York Avenue | Non-Profit Community Health Center | 1355 New York Ave NE | Washington | DC | 20002 | Medical or Healthcare Provider | Connected anchor institution |
| SOUTHWEST COMMUNITY HEALTH CENTER | Non-Profit Community Health Center | 850 DELAWARE AVE, SW | Washington | DC | 20024 | Medical or Healthcare Provider | Connected anchor institution |
| ABUNDANT LIFE CLINIC | Non-Profit Community Health Center | 717 8TH ST, SE | Washington | DC | 20003 | Medical or Healthcare Provider | Connected anchor institution |
| BLAIR SHELTER CLINIC | Non-Profit Community Health Center | 635 I ST, NE | Washington | DC | 20002 | Medical or Healthcare Provider | Connected anchor institution |
| CAPITOL HILL MEDICAL CLINIC | Non-Profit Community Health Center | 201 8TH ST, NE | Washington | DC | 20002 | Medical or Healthcare Provider | Connected anchor institution |
| HOUSE OF RUTH CLINIC | Non-Profit Community Health Center | 651 10TH ST, NE | Washington | DC | 20002 | Medical or Healthcare Provider | Connected anchor institution |
| UNITY HEALTHCARE AT EASTERN HIGH SCHOOL | Non-Profit Community Health Center | 1700 EAST CAPITOL STREET, N | Washington | DC | 20003 | Medical or Healthcare Provider | Connected anchor institution |
| Unity at DC GENERAL | Non-Profit Community Health Center | 1900 MASSACHUSETTS AVE, S | Washington | DC | 20003 | Medical or Healthcare Provider | Connected anchor institution |
| Unity - Walker Jones | Non-Profit Community Health Center | 40 Patterson St. NE | Washington | DC | 20002 | Medical or Healthcare Provider | Connected anchor institution |
| Unity - First Street | Non-Profit Community Health Center | 70 N Street NE | Washington | DC | 20010 | Medical or Healthcare Provider | Connected anchor institution |
| Unity - Specialized Centers | Non-Profit Community Health Center | 1901 D ST, SE | Washington | DC | 20003 | Medical or Healthcare Provider | Connected anchor institution |
| Unity - Specialized Centers | Non-Profit Community Health Center | 1901 E ST, SE | Washington | DC | 20003 | Medical or Healthcare Provider | Connected anchor institution |
| Perry Family Health Center | Non-Profit Community Health Center | 128 M Street NW | Washington | DC | 20001 | Medical or Healthcare Provider | Connected anchor institution |
| Unity - CCNV | Non-Profit Community Health Center | 425 Second Street NW | Washington | DC | 20001 | Medical or Healthcare Provider | Connected anchor institution |
| CHARTERED FAMILY HEALTH CTR | Non-Profit Community Health Center | 3924 MINNESOTA AVE, NE | Washington | DC | 20019 | Medical or Healthcare Provider | Connected anchor institution |
| FRIENDSHIP-EDISON COLLEGIATE ACADEMY | Non-Profit Community Health Center | 4100 MINNESOTA AVENUE, NE | Washington | DC | 20019 | Medical or Healthcare Provider | Connected anchor institution |
| HD WOODSON HIGH SCHOOL ADOLESCENT WELLNESS CTR | Non-Profit Community Health Center | 5550 Eads St, NE? | Washington | DC | 20019 | Medical or Healthcare Provider | Connected anchor institution |
| HUNT PLACE COMMUNITY HEALTH CENTER | Non-Profit Community Health Center | 4130 HUNT PL, NE | Washington | DC | 20019 | Medical or Healthcare Provider | Connected anchor institution |
| GAMBRO HEALTHCARE NORTH CENTRAL DIVISION | Non-Profit Community Health Center | 3857a Pennsylvania Ave, SE | Washington | DC | 20020 | Medical or Healthcare Provider | Connected anchor institution |
| Unity - EAST OF THE RIVER HEALTH CTR | Non-Profit Community Health Center | 123 45TH ST, NE | Washington | DC | 20019 | Medical or Healthcare Provider | Connected anchor institution |
| Planned Parenthood ù Ophel | Non-Profit Community Health Center | 3937A Minnesota Avenue NE | Washington | DC | 20019 | Medical or Healthcare Provider | Connected anchor institution |
| Unity - Good Hope Road | Non-Profit Community Health Center | 1638 Good Hope Road SE | Washington | DC | 20020 | Medical or Healthcare Provider | Connected anchor institution |
| ANACOSTIA COMMUNITY HEALTH CTR | Non-Profit Community Health Center | 1328 W ST, SE | Washington | DC | 20020 | Medical or Healthcare Provider | Connected anchor institution |

BTOP CCI Community Anchor Institutions Detail Template

Title: **DC-Community Access Network (DC-CAN)**

Easy Grants ID: **5116**

| | | | | | | | |
|---|------------------------------------|-------------------------------------|------------|----|-------|--------------------------------|------------------------------|
| FAMILY AND MEDICAL COUNSELING | Non-Profit Community Health Center | 2041 MLK JR. AVE, SE, STE #M | Washington | DC | 20020 | Medical or Healthcare Provider | Connected anchor institution |
| CHILDRENÆS HEALTH CTR @ GOOD HOPE RD | Non-Profit Community Health Center | 2501 GOOD HOPE RD, SE | Washington | DC | 20020 | Medical or Healthcare Provider | Connected anchor institution |
| BALLOU SR. HIGH SCHOOL HEALTH CTR | Non-Profit Community Health Center | 3401 4TH ST, SE | Washington | DC | 20032 | Medical or Healthcare Provider | Connected anchor institution |
| CONGRESS HEIGHTS CLINIC | Non-Profit Community Health Center | 3720 Martin Luther King Jr. Ave | Washington | DC | 20032 | Medical or Healthcare Provider | Connected anchor institution |
| STANTON ROAD HEALTH CT | Non-Profit Community Health Center | 3240 STANTON RD, SE | Washington | DC | 20020 | Medical or Healthcare Provider | Connected anchor institution |
| WOODLAND TERRACE FAMILY CLINIC | Non-Profit Community Health Center | 2702 J LANGSTON PL, SE | Washington | DC | 20020 | Medical or Healthcare Provider | Connected anchor institution |
| BREAD FOR THE CITY | Non-Profit Community Health Center | 1640 GOOD HOPE RD, SE | Washington | DC | 20020 | Medical or Healthcare Provider | Connected anchor institution |
| Community of Hope | Non-Profit Community Health Center | 3715 2nd ST, SE | Washington | DC | 20032 | Medical or Healthcare Provider | Connected anchor institution |
| WHITMAN WALKER: Max Robinson Center | Non-Profit Community Health Center | 2301 MARTIN LUTHER KING, JR AVE, SE | Washington | DC | 20020 | Medical or Healthcare Provider | Connected anchor institution |
| Unity - Re-entry | Non-Profit Community Health Center | 1604 Morris Road SE | Washington | DC | 20020 | Medical or Healthcare Provider | Connected anchor institution |
| Unity - 801 East Building | Non-Profit Community Health Center | 2700 Martin Luther King Jr Ave | Washington | DC | 20032 | Medical or Healthcare Provider | Connected anchor institution |
| Deanwood Library | DC Public Library | 1350 49th street NE | Washington | DC | 20019 | Library | Connected anchor institution |
| ASIAN LIASION UNIT | Metropolitan Police Department | 1800 Columbia Road NW | Washington | DC | 20009 | Public Safety Entity | Connected anchor institution |
| First District Station | Metropolitan Police Department | 415 4th Street SW | Washington | DC | 20024 | Public Safety Entity | Connected anchor institution |
| First District Ministation | Metropolitan Police Department | 616 H Street NW | Washington | DC | 20001 | Public Safety Entity | Connected anchor institution |
| MPD Station | Metropolitan Police Department | 728 7th Street NW | Washington | DC | 20001 | Public Safety Entity | Connected anchor institution |
| Special Operations | Metropolitan Police Department | 2301 L Street NW | Washington | DC | 20037 | Public Safety Entity | Connected anchor institution |
| ROC CENTRAL | Metropolitan Police Department | 501 New York Avenue NW | Washington | DC | 20001 | Public Safety Entity | Connected anchor institution |
| LIASION UNIT | Metropolitan Police Department | 1369 Connecticut Avenue NW | Washington | DC | 20036 | Public Safety Entity | Connected anchor institution |
| PHOTO RADAR | Metropolitan Police Department | 3165 V Street NE | Washington | DC | 20018 | Public Safety Entity | Connected anchor institution |
| First District Substation | Metropolitan Police Department | 500 E Street SE | Washington | DC | 20003 | Public Safety Entity | Connected anchor institution |
| MPD Narcotics | Metropolitan Police Department | 1215 3rd Street NE | Washington | DC | 20002 | Public Safety Entity | Connected anchor institution |
| HELO BRANCH | Metropolitan Police Department | 1724 South Capitol Street SE | Washington | DC | 20003 | Public Safety Entity | Connected anchor institution |
| MPD - EVIDENCE CONTROL | Metropolitan Police Department | 2250 Railroad Street SE | Washington | DC | 20020 | Public Safety Entity | Connected anchor institution |
| COLUMBIA ROAD | DC Housing Authority | 1475 Columbia Road NW | Washington | DC | 20009 | Public Housing | Connected anchor institution |
| KELLY MILLER | DC Housing Authority | 2101 4th Street NW | Washington | DC | 20001 | Public Housing | Connected anchor institution |
| LEDROIT APARTMENTS | DC Housing Authority | 2125 4th Street NW | Washington | DC | 20001 | Public Housing | Connected anchor institution |
| PARK MORTON | DC Housing Authority | 617 Morton Street NW | Washington | DC | 20010 | Public Housing | Connected anchor institution |
| Harvard Towers "Hot Spot" wireless creation | DC Housing Authority | 1845 Harvard Street NW | Washington | DC | 20009 | Public Housing | Connected anchor institution |
| Garfield Terrace | DC Housing Authority | 2301 11th Street NW | Washington | DC | 20001 | Public Housing | Connected anchor institution |
| REGENCY HOUSE | DC Housing Authority | 5201 Connecticut Avenue, NW | Washington | DC | 20015 | Public Housing | Connected anchor institution |

BTOP CCI Community Anchor Institutions Detail Template

Title: **DC-Community Access Network (DC-CAN)**

Easy Grants ID: **5116**

| | | | | | | | |
|------------------------|----------------------|---------------------------|------------|----------|-------|--------------------------------------|------------------------------|
| COLORADO | DC Housing Authority | 5336 Colorado Ave NW | Washington | DC | 20011 | Public Housing | Connected anchor institution |
| EDGEWOOD | DC Housing Authority | 635 Edgewood Street NE | Washington | DC | 20017 | Public Housing | Connected anchor institution |
| MONTANA TERRACE | DC Housing Authority | 1625 Montana Ave NE | Washington | DC | 20018 | Public Housing | Connected anchor institution |
| Judiciary House | DC Housing Authority | 461 H Street NW | Washington | DC | 20001 | Public Housing | Connected anchor institution |
| CARROLL APARTMENTS | DC Housing Authority | 410 M St SE | Washington | DC | 20003 | Public Housing | Connected anchor institution |
| CARROLLSBURG DWELLINGS | DC Housing Authority | 1024 4th Street SE | Washington | DC | 20003 | Public Housing | Connected anchor institution |
| GREENLEAF ADDITIONS | DC Housing Authority | 203 N Street SW | Washington | DC | 20024 | Public Housing | Connected anchor institution |
| GREENLEAF GARDENS SENI | DC Housing Authority | 1200 Delaware Ave SW | Washington | DC | 20024 | Public Housing | Connected anchor institution |
| HOPKINS APARTMENTS | DC Housing Authority | 1430 L Street SE | Washington | DC | 20003 | Public Housing | Connected anchor institution |
| JAMES CREEK | DC Housing Authority | 1265 Half Street SW | Washington | DC | 20024 | Public Housing | Connected anchor institution |
| POTOMAC GARDENS FAMILY | DC Housing Authority | 1225 G Street SE | Washington | DC | 20003 | Public Housing | Connected anchor institution |
| SYPHAX GARDEN | DC Housing Authority | 1510 Half Street SW | Washington | DC | 20024 | Public Housing | Connected anchor institution |
| TOWNHOMES ON CAPITOL H | DC Housing Authority | 637 Ellen Wilson Place SE | Washington | DC | 20003 | Public Housing | Connected anchor institution |
| Sibley Plaza | DC Housing Authority | 1140 N Capitol Street NE | Washington | DC | 20002 | Public Housing | Connected anchor institution |
| BENNING TERRACE | DC Housing Authority | 4739 Alabama Ave SE | Washington | DC | 20019 | Public Housing | Connected anchor institution |
| PARKSIDE ADDITIONS | DC Housing Authority | 705 Anacostia Ave NE | Washington | DC | 20019 | Public Housing | Connected anchor institution |
| RICHARDSON DWELLINGS | DC Housing Authority | 5231 Cloud Place NE | Washington | DC | 20019 | Public Housing | Connected anchor institution |
| THE VILLAGER | DC Housing Authority | 3810 Southern Ave SE | Washington | DC | 20020 | Public Housing | Connected anchor institution |
| Lincoln Heights | DC Housing Authority | 400 50th Street NE | Washington | DC | 20019 | Public Housing | Connected anchor institution |
| Kenilworth Courts | DC Housing Authority | 4500 Quarles Street NE | Washington | DC | 20019 | Public Housing | Connected anchor institution |
| Benning Terrace | DC Housing Authority | 4450 G Street SE | Washington | DC | 20019 | Public Housing | Connected anchor institution |
| Ft Dupont Stoddert | DC Housing Authority | 155 Ridge Road SE | Washington | DC | 20019 | Public Housing | Connected anchor institution |
| BARRY FARM, | DC Housing Authority | 1230 Sumner Road SE | Washington | DC | 20020 | Public Housing | Connected anchor institution |
| ELVANS ROAD | DC Housing Authority | 2440 Elvans Rd SE | Washington | DC | 20020 | Public Housing | Connected anchor institution |
| HIGHLAND ADDITION | DC Housing Authority | 400 Atlantic Street SE | Washington | DC | 20032 | Public Housing | Connected anchor institution |
| WADE APARTMENTS | DC Housing Authority | 1249 Eaton Road SE | Washington | DC | 20020 | Public Housing | Connected anchor institution |
| WHEELER CREEK | DC Housing Authority | 900 Varney Street SE | Washington | DC | 20032 | Public Housing | Connected anchor institution |
| WOODLAND TERRACE | DC Housing Authority | 2311 Ainger Place SE | Washington | DC | 20020 | Public Housing | Connected anchor institution |
| Vida Senior Center | DC Office of Aging | 1842 Calvert Street NW | Washington | DC | 20009 | Other Community Support Organization | Connected anchor institution |
| Emmas | DC Office of Aging | 1426 9th Street, NW | Washington | DC | 20001 | Other Community Support Organization | Connected anchor institution |
| Downtown Clusters | DC Office of Aging | 926 11th Street, NW | Washington | DC | 20005 | Other Community Support Organization | Connected anchor institution |
| IONA | DC Office of Aging | 4125 Albemarle Street, NW | Washington | FINAL DC | 20016 | Other Community Support Organization | Connected anchor institution |

BTOP CCI Community Anchor Institutions Detail Template

Title: **DC-Community Access Network (DC-CAN)**

Easy Grants ID: **5116**

| | | | | | | | |
|--|--------------------|---------------------------------|------------|----|-------|--------------------------------------|------------------------------|
| Zion/Genevieve Johnson Senior Center | DC Office of Aging | 4817 Blagden Avenue, NW | Washington | DC | 20011 | Other Community Support Organization | Connected anchor institution |
| Bamey Senior Center | DC Office of Aging | 5656A 3rd Street, NE | Washington | DC | 20011 | Other Community Support Organization | Connected anchor institution |
| Hattie Holmes Senior Wellness Center | DC Office of Aging | 324 Kennedy Street, NW | Washington | DC | 20011 | Other Community Support Organization | Connected anchor institution |
| Christian Communities | DC Office of Aging | 2501 18th Street, NE | Washington | DC | 20018 | Other Community Support Organization | Connected anchor institution |
| Model Cities Senior Wellness | DC Office of Aging | 1901 Evarts Street, NE | Washington | DC | 20017 | Other Community Support Organization | Connected anchor institution |
| Episcopal Senior Ministries | DC Office of Aging | 900 Second Street, NW | Washington | DC | 20002 | Other Community Support Organization | Connected anchor institution |
| South Washington | DC Office of Aging | 1501 Half Street, SW | Washington | DC | 20024 | Other Community Support Organization | Connected anchor institution |
| SOME Senior Center | DC Office of Aging | 2812 Pennsylvania Avenue, SE | Washington | DC | 20020 | Other Community Support Organization | Connected anchor institution |
| East River Family Congress Heights Senior Wellness Center | DC Office of Aging | 3732 Minnesota Avenue, NE | Washington | DC | 20019 | Other Community Support Organization | Connected anchor institution |
| Washington Seniors Wellness Center | DC Office of Aging | 3500 Martin Luther King, Jr. Av | Washington | DC | 20032 | Other Community Support Organization | Connected anchor institution |
| Engine Company 4 (Air Unit 1-Medic 4-Risk Management & Safety Office) | DC FEMS | 2531 Sherman Avenue NW | Washington | DC | 20001 | Public Safety Entity | Connected anchor institution |
| Engine Company 9 (Truck Company 9) | DC FEMS | 1617 U Street NW | Washington | DC | 20009 | Public Safety Entity | Connected anchor institution |
| Engine Company 11 (Truck Company 6 BFC 4) | DC FEMS | 3420 14th Street NW | Washington | DC | 20010 | Public Safety Entity | Connected anchor institution |
| Engine Company 1 (Truck Company 2) | DC FEMS | 2225 M Street NW | Washington | DC | 20037 | Public Safety Entity | Connected anchor institution |
| Engine Company 5 | DC FEMS | 3412 Dent Place NW | Washington | DC | 20007 | Public Safety Entity | Connected anchor institution |
| Engine Company 6 (Truck Company 4) | DC FEMS | 1300 New Jersey Avenue NW | Washington | DC | 20001 | Public Safety Entity | Connected anchor institution |
| Engine Company 13 (Tower Engine Company 16 (Truck Company 3 BFC 6)/EMS Administration & Operations | DC FEMS | 450 6th Street SW | Washington | DC | 20024 | Public Safety Entity | Connected anchor institution |
| Engine Company 23 | DC FEMS | 2119 G Street NW | Washington | DC | 20037 | Public Safety Entity | Connected anchor institution |
| Engine Company 20 (Truck Company 12) | DC FEMS | 4300 Wisconsin Avenue NW | Washington | DC | 20016 | Public Safety Entity | Connected anchor institution |
| Engine Company 29 (Truck Company 5) | DC FEMS | 4811 Macarthur Boulevard NW | Washington | DC | 20007 | Public Safety Entity | Connected anchor institution |
| Medic Unit 31 | DC FEMS | 4930 Connecticut Avenue NW | Washington | DC | 20008 | Public Safety Entity | Connected anchor institution |
| Engine Company 14 | DC FEMS | 4801 North Capitol Street NE | Washington | DC | 20011 | Public Safety Entity | Connected anchor institution |
| Engine Company 22 (Truck Company 11) | DC FEMS | 5760 Georgia Avenue NW | Washington | DC | 20011 | Public Safety Entity | Connected anchor institution |
| Engine Company 24 (Rescue Squad 2) | DC FEMS | 5101 Georgia Avenue NW | Washington | DC | 20011 | Public Safety Entity | Connected anchor institution |
| Warn Tower Site | DC FEMS | 6001 Georgia Avenue NW | Washington | DC | 20011 | Public Safety Entity | Connected anchor institution |
| Engine Company 12 (Hazma | DC FEMS | 2225 5th Street NE | Washington | DC | 20002 | Public Safety Entity | Connected anchor institution |

BTOP CCI Community Anchor Institutions Detail Template

| Title: DC-Community Access Network (DC-CAN) | | | | | | | | |
|---|-------------------|--------------------------------------|------------|----|-------|----------------------|--|------------------------------|
| Easy Grants ID: | 5116 | | | | | | | |
| Engine Company 17 | DC FEMS | 1227 Monroe Street NE | Washington | DC | 20017 | Public Safety Entity | | Connected anchor institution |
| Engine Company 26 (Truck Company 15) | DC FEMS | 1340 Rhode Island Avenue NE | Washington | DC | 20018 | Public Safety Entity | | Connected anchor institution |
| Engine Company 2 (Rescue 5) | DC FEMS | 500 F Street NW | Washington | DC | 20001 | Public Safety Entity | | Connected anchor institution |
| Engine Company 7/Ambulance Company 18 (Truck Company 7) | DC FEMS | 1101 Half Street SW | Washington | DC | 20024 | Public Safety Entity | | Connected anchor institution |
| | DC FEMS | 414 8th Street SE | Washington | DC | 20003 | Public Safety Entity | | Connected anchor institution |
| Fire Boats 1 and 2 | DC FEMS | 550 Water Street SW | Washington | DC | 20024 | Public Safety Entity | | Connected anchor institution |
| Engine Company 3 | DC FEMS | 439 New Jersey Avenue NW | Washington | DC | 20001 | Public Safety Entity | | Connected anchor institution |
| Engine Company 19 | DC FEMS | 2813 Pennsylvania Avenue SE | Washington | DC | 20020 | Public Safety Entity | | Connected anchor institution |
| Engine Company 27 | DC FEMS | 4201 Minnesota Avenue NE | Washington | DC | 20019 | Public Safety Entity | | Connected anchor institution |
| Engine Company 30 (Truck Company 17) | DC FEMS | 50 49th Street NE | Washington | DC | 20019 | Public Safety Entity | | Connected anchor institution |
| Engine Company 15 (Rescue Squad 3 BFC 3) | DC FEMS | 2101 14th Street SE | Washington | DC | 20020 | Public Safety Entity | | Connected anchor institution |
| Engine Company 25 | DC FEMS | 3203 Martin Luther King Jr Avenue SE | Washington | DC | 20032 | Public Safety Entity | | Connected anchor institution |
| Engine Company 32 (Truck Company 16) | DC FEMS | 2425 Irving Street SE | Washington | DC | 20020 | Public Safety Entity | | Connected anchor institution |
| Engine Company 33 (Truck Company 8) | DC FEMS | 101 Atlantic Street SE | Washington | DC | 20032 | Public Safety Entity | | Connected anchor institution |
| FEMS TRAINING Academy | DC FEMS | 4600 Shepherd Parkway SE | Washington | DC | 20032 | Public Safety Entity | | Connected anchor institution |
| Mt. Pleasant Neighborhood Library | DC Public Library | 3160 16th Street NW | Washington | DC | 20010 | Library | | Connected anchor institution |
| The Martin Luther King Jr. Memorial Central Library | DC Public Library | 901 G Street NW | Washington | DC | 20001 | Library | | Connected anchor institution |
| Watha T Daniel/Shaw Neighborhood Library | DC Public Library | 1701 8th Street NW | Washington | DC | 20001 | Library | | Connected anchor institution |
| West End Neighborhood Library | DC Public Library | 1101 24th Street NW | Washington | DC | 20037 | Library | | Connected anchor institution |
| Chevy Chase Neighborhood Library | DC Public Library | 5625 Connecticut Avenue NW | Washington | DC | 20015 | Library | | Connected anchor institution |
| Cleveland Park Library | DC Public Library | 3310 Connecticut Avenue NW | Washington | DC | 20008 | Library | | Connected anchor institution |
| Palisades Neighborhood Library | DC Public Library | 4901 V Street NW | Washington | DC | 20007 | Library | | Connected anchor institution |
| Juanita E. Thornton/Shepherd Park Neighborhood Library | DC Public Library | 7420 Georgia Avenue NW | Washington | DC | 20012 | Library | | Connected anchor institution |
| Petworth Neighborhood Library | DC Public Library | 4200 Kansas Avenue NW | Washington | DC | 20011 | Library | | Connected anchor institution |
| Takoma Park Neighborhood Library | DC Public Library | 416 Cedar Street NW | Washington | DC | 20012 | Library | | Connected anchor institution |
| Woodridge Neighborhood Library | DC Public Library | 1801 Hamlin Street NE | Washington | DC | 20018 | Library | | Connected anchor institution |
| Lamond Riggs Neighborhood Library | DC Public Library | 5401 South Dakota Avenue NE | Washington | DC | 20011 | Library | | Connected anchor institution |
| Northeast Neighborhood Library | DC Public Library | 330 7th Street NE | Washington | DC | 20002 | Library | | Connected anchor institution |
| Southeast Neighborhood Library | DC Public Library | 403 7th Street SE | Washington | DC | 20003 | Library | | Connected anchor institution |
| Southwest Neighborhood Library | DC Public Library | 900 Wesley Place SW | Washington | DC | 20024 | Library | | Connected anchor institution |

BTOP CCI Community Anchor Institutions Detail Template

Title: **DC-Community Access Network (DC-CAN)**

Easy Grants ID: **5116**

| | | | | | | | | |
|---|---|---|------------|----|-------|---------------------------------------|--|------------------------------|
| Francis A. Gregory Neighborhood Library | DC Public Library | 3660 Alabama Avenue SE | Washington | DC | 20020 | Library | | Connected anchor institution |
| Benning Neighborhood Libra | DC Public Library | 3935 Benning Road NE | Washington | DC | 20019 | Library | | Connected anchor institution |
| Capitol View Neighborhood L | DC Public Library | 5001 Central Avenue SE | Washington | DC | 20019 | Library | | Connected anchor institution |
| Anacostia Neighborhood Libr | DC Public Library | 1800 Good Hope Road SE | Washington | DC | 20020 | Library | | Connected anchor institution |
| Washington Highlands Neighborhood Library | DC Public Library | 4037 S. Capitol St. SW (115 Atlantic Street SW) | Washington | DC | 20032 | Library | | Connected anchor institution |
| Parklands Turner Community | DC Public Library | 1600 Alabama Avenue SE | Washington | DC | 20020 | Library | | Connected anchor institution |
| Rosedale Library | DC Public Library | 500 19th St, NE | Washington | DC | 20002 | Library | | Connected anchor institution |
| Third District Station | Metropolitan Police Department | 1620 V Street NW | Washington | DC | 20009 | Public Safety Entity | | Connected anchor institution |
| Tower (Hilton Hotel) | Metropolitan Police Department | 1919 Connecticut Avenue NW | Washington | DC | 20009 | Public Safety Entity | | Connected anchor institution |
| Third District Sub Station (3 | Metropolitan Police Department | 750 Park Road NW | Washington | DC | 20009 | Public Safety Entity | | Connected anchor institution |
| Tower (WRC) | Metropolitan Police Department | 4001 Nebraska Avenue NW | Washington | DC | 20016 | Public Safety Entity | | Connected anchor institution |
| ROC Central | Metropolitan Police Department | 1500 Eckington Place NE | Washington | DC | 20002 | Public Safety Entity | | Connected anchor institution |
| Fleet Management | Metropolitan Police Department | 2175 West Virginia Avenue NE | Washington | DC | 20002 | Public Safety Entity | | Connected anchor institution |
| MPD - FORENSIC SCIENCE | Metropolitan Police Department | 3521 V Street NE | Washington | DC | 20018 | Public Safety Entity | | Connected anchor institution |
| Harbor Patrol | Metropolitan Police Department | 550 Water Street SW | Washington | DC | 20024 | Public Safety Entity | | Connected anchor institution |
| Emergency Response Unit Te | Metropolitan Police Department | 2 Village Street SW | Washington | DC | 20319 | Public Safety Entity | | Connected anchor institution |
| Canine Unit | Metropolitan Police Department | 4667 Blue Plains Drive SW | Washington | DC | 20032 | Public Safety Entity | | Connected anchor institution |
| Impoundment Lot | Metropolitan Police Department | 5001 Park Way SW | Washington | DC | 20020 | Public Safety Entity | | Connected anchor institution |
| UDC - Intel Sat | University fo the District of Columbia | 3400 International Dirve NW | Washington | DC | 20008 | Other Institution of Higher Education | Historically Black College or University | Connected anchor institution |
| CCDC | Community College of the District of Columbia | 801 North Capitol Street NE | Washington | DC | 20002 | Community College | Historically Black College or University | Connected anchor institution |
| CCDC - PR HARRIS | Community College of the District of Columbia | 4600 Livingston Road SE | Washington | DC | 20032 | Community College | Historically Black College or University | Connected anchor institution |
| | | | | | | | | |

BTOP CCI Network Points of Interest Detail Template

Title: **DC-Community Access Network (DC-CAN)**
 Easy Grants ID: **5116**

| Facility Type | Address Line 1 | City | State | Zip | Longitude | Latitude | Interconnection Available at this Location | Status in Proposed Network | Party Facility is/will be Owned By | Brief Description |
|--------------------------------|----------------------------|------------|-------|-------|-----------|----------|--|------------------------------------|------------------------------------|---|
| Point of Interconnection | 2000 14th Street NW | Washington | DC | 20009 | -77.0324 | 38.9172 | Yes | Existing - Applicant/Partner Owned | District of Columbia Government | Reeves Government Building; collocation facility, cross-connects for voice services or SIP trunks, meet-me point for service providers in Ward 1 and 3 |
| Point of Interconnection | 4200 Connecticut Avenue NW | Washington | DC | 20008 | -77.0639 | 38.9437 | Yes | Existing - Applicant/Partner Owned | District of Columbia Government | University of the District of Columbia; Interconnect to Internet2 and educational/research applications, meet-me point for service providers in Ward 3 |
| Point of Interconnection | 801 22nd Street NW | Washington | DC | 20052 | -77.0483 | 38.9004 | Yes | Existing - Applicant/Partner Owned | George Washington University | Collocation facility; interconnect to Internet2, MAX, NLR, and other educational/research applications |
| Connection to Service Provider | 1275 K Street NW | Washington | DC | 20005 | -77.0291 | 38.9025 | Yes | Existing - Leased from Third Party | Core Site | Carrier room; collocation facility in government building; highly accessible peering point; access to Any2, CoreSite's Internet exchange; 20,000 square feet in the 230,000 square-foot building; SAS 70 Type I certified; power density up to 8 KWs per cabinet and higher; redundant AC/DC UPS power; 24x7 data center services; ample roof space for antenna towers. |
| Point of Interconnection | 441 4th Street NW | Washington | DC | 20001 | -77.0159 | 38.8955 | Yes | Existing - Applicant/Partner Owned | District of Columbia Government | Existing DC OCTO HQ; meet-me point for service providers in Ward 2 |
| Point of Interconnection | 225 Virginia Ave SE | Washington | DC | 20003 | -77.0152 | 38.884 | Yes | New for Proposed Network | District of Columbia Government | New DC OCTO HQ; space and power for collocation, roof space for antennas, diverse building entrances, cross-connects to future carriers, meet-me point for service providers in Ward 6 |
| Point of Interconnection | 2720 MLK Avenue SE | Washington | DC | 20032 | -76.9958 | 38.8534 | Yes | Existing - Applicant/Partner Owned | District of Columbia Government | DC Unified Communications Center / HSEMA HQ; diverse building entrances, cross-connects to District services, secured collocation facility, meet-me point for service providers in Ward 8 |
| Point of Interconnection | 4056 Minnesota Avenue NE | Washington | DC | 20019 | -76.9477 | 38.8966 | Yes | Existing - Applicant/Partner Owned | District of Columbia Government | DC Department of Employment services HQ; cross connects to District services, secured collocation facility, cross-connects for voice services or SIP trunks, meet-me point for service providers in Ward 7 |
| Connection to Service Provider | 1500 Eckington Place NE | Washington | DC | 20002 | -77.005 | 38.9108 | Yes | Existing - Leased from Third Party | Qwest | Carrier room; collocation facility; extension to building address is owned by the District; multiple carrier presence; connect to Internet, MAX/NLR; cross connect to service providers; connect to MAX/NLR |
| Point of Interconnection | 6001 Georgia Avenue NW | Washington | DC | 20011 | -77.0269 | 38.9632 | Yes | Existing - Applicant/Partner Owned | District of Columbia Government | Metropolitan Police Department; secured collocation facility, meet-me point for service providers in Ward 4 |

Additional Notes

TEGENE BAHARU

SPECIAL SKILLS

- Accountable for the DC-Net, a secure network entering only government facilities and transporting only government communications.
- Demonstrate 10+ years of IT experience including 8+ years of broad-based Network Design Implementation and Support; and provide and maintain a ubiquitous, reliable and secure computing environment for the government as well as residents, businesses and visitors.
- Solutions-oriented IT Professional with proven success designing, implementing and integrating cost-effective, high performance technical solutions to meet challenging business needs.

WORK EXPERIENCE

DIRECTOR OF DC-NET. May 15th 2007 - Present. DC Government OCTO – DCNET

- Report into the District of Columbia CTO, recruited to manage the IT and Telecommunications infrastructure DC-Net, and serve over 80 district government agencies across 300 sites.
- Oversee all IT functions including Citywide Optical backbone, voice operations, technical support of 25K voice and 33K data and video customers.
- Generate and manage operating budget \$9 Million and an \$85 Million capital budget.
- Accountable for oversight and direct activities of 110+ staff and contractors.
- Introduced and leveraged performance based management as a transparent method in increase overall group productivity and revenue.
- Automated dashboards with the main idea of delivering real time stats in customer support, ticket resolution, MTTR's for and calculating ROI's and TCO's.
- Converted citywide fiber plant routes and structures into a GIS and stellar map application. Currently enabling Google Maps to be the primary application tied into the other sub applications.
- Maintain direct responsibility for the design, build out, and operation of a fiber optic telecommunications network that provides network infrastructure support for the District of Columbia Government.
- Leverage and provide the foundation for intelligent decisions for managing financial risks by building a Culture of Accountability, Fiscal Responsibility, and Transparency that sustains a financially solvent program with an unyielding focus on improved and innovative service delivery, which has resulted in ongoing operational solvency while managing capital investment.
- Develop and deliver ongoing training and development programs with a hands-on motivational leadership style to continually drive focused teams toward performance excellence.
- Effective oral and written communication skills utilized in managing staff, and delivering reports to senior management.
- Provided optical expertise on the backbone expansion of SONET (Synchronous Optical Network) technology components interconnected via district owned fiber optic infrastructure.
- Deployed DC-Net's Metro Ethernet product line to over 160 DC public schools, parks and recreational complexes, and additional Government agencies while maintaining a productive and skilled workforce.
- Selected as Critical Technical Member of a new 10K user Cisco Unified Communication 6.1 Cluster build-out.
- Created and oversee a group Emerging Technologies Group, a technical focus group continuously challenged in enabling unified communications, unified messaging and unified computing platform.

As a result we completed the deployment of a unified communications platform across 60 DC public schools and are testing the deployment of unified messaging across the district for the supported platform for messaging to include voicemail for both cellular and landline services.

- Working on a citywide datacenter relocation to leverage cloud computing, build energy efficient data centers, increase the scalability and security while interconnecting to surrounding jurisdictions to support and exchange Public safety data, as well as test new applications for interoperability.

SR NETWORK ENGINEER / IP IMPLEMENTATION MANAGER 2003 –2007 DC Government OCTO – DCNET

- Generated comprehensive network diagrams and power point presentations.
- Evaluated hardware, software, and infrastructure to achieve high availability and high reliability of network.
- Developed and reviewed internal process procedures to improve the quality of operations and customer support.
- Designed, engineered, and implemented an IP-MPLS (L3 VPN Core) network over a SONET infrastructure to deploy voice, data and video applications.
- Accountable for the design, build out, test, and Turn UP of an OC-48 (UPSR SONET Ring) running RPR on the Cisco 15454 platform with ML card's.
- Provisioned new customers, monitored and supported complex MPLS/MPBGP/VPNv4 infrastructure and customer, and provided custom solutions to meet customer's requirements.
- Designed and deployed complex Avaya Voice Gateway G650-G700 and voice switches S8700, S8710 Soft Switches and IPT deployment for medium to large scale government users.
- Developed and implemented QoS, MPLS Traffic Engineering architectures for optimum service delivery of voice video and other mission critical applications.
- Developed cost effective and reliable new Metro Ethernet based products for supporting voice data and video for medium or small size DC Government Agencies.

SENIOR WAN ENGINEER 2001 - 2003., DC Government OCTO – DCNET

- Critical member of tier-3 and research team to test new and innovative technologies.
- Maintained third level ongoing support, while ensuring technology updates, and oversight of security design rollouts.
- Architected, documented, and migrated non secure vendor connections, to a secure extranet network using PIX-Firewalls
- Responsible for the architect design and migrated legacy SMDS circuits into a Frame Relay network at over 140 locations.
- Designed and implemented a highly available core network across two data centers to support mission critical government applications.
- Developed metrics and scripts for capacity planning of network infrastructure datacenter build outs.
- Built state of the art modular Cisco/Juniper/lab for proof of concepts and development work.

SENIOR INFORMATION SYSTEMS ENGINEER. March 2001 - May 2001, George Washington University, Washington, DC

- Supported and maintained network infrastructures to provide enterprise voice, data and video services for university students and staff members.
- Planned and developed a migration strategy from ATM based technology to a Gigabit Ethernet based topology.
- Prepared a vendor hardware comparison matrix and pre-proof of concept lab testing scenarios for a high availability campus style gigabit Ethernet network.

SENIOR NETWORK ENGINEER. 1999 – 2001, Winstar Communications, Vienna, Virginia

- Developed a multicast solution for a major sales conference in Tampa, Florida with a time sensitive to broadcast to 5000 users in 2 months.
- Designed, built, and managed a technology center in Woodland Park campus style network infrastructure, routing, and switching topology.
- Designed and implemented networks for national and international sales office using a mix of microwave and ILEC and CLEC data circuits.
- Deployed IP networks for Winstar's carrier class CO's, collocation, and datacenters.
- Designed, implemented, and troubleshot small to large-scale complex networks using Cisco and Juniper products (Switches, Routers, and Access Servers, DWDM and Optical ADM).
- Provided 3rd tier escalation for IP routing, TDM and other Internet services.

NETWORK ENGINEER. 1997 – 1999,. ALT Enterprises, Bethesda, MD

- Built the last mile IP network extensions for the major cities in the US.
- Installed and configured wiring and DC power plants for Cisco devices.
- Developed procedures for a support team to pre-fabricate network kits for out of box installation and service delivery.
- Trained and certified field engineers for quick deployment of equipment.

EDUCATION

University of Maryland/Montgomery College, College Park, Maryland, Bachelor of Science in Mechanical Engineering, 1996

CERTIFICATIONS AND TRAINING

- PMP course work completed 2008
- CCIE Service Provider Boot Camp Training, 2006
- BICSI Training
- ITIL Training
- CCNA, CCDA, and CCNP

TECHNOLOGY SKILLS

| | | | |
|----------------|-------|-----------|---------------------------|
| Switch: | Cisco | Extreme | Foundry |
| Router: | Cisco | Juniper | |
| Voice Over IP: | Cisco | Avaya | |
| Transport: | Cisco | ONS 15454 | Nortel 3500 & 5100 series |

Technologies:

Protocols and Related ATM, BGP, CEF, DNS, DWDM, EIGRP, Ether Channel, Frame Relay, H323, HDLC, HSRP, LDP, MPLS, MPBGP, Multicast, NAT, OSPF, PPP, POS, QoS, RADIUS, RPR, SDH, SIP, SNMP, SONET, RIP, SIP, SS7, VLAN, VoFR ,Voice Over IP (VoIP), VPN, VPNV4, 802.1q, 802.3ad, 802.3 Ethernet, 802.11 (WiFi).

Operating Systems:

Unix (AIX, FreeBSD, HP-UX, Linux, NetBSD, NeXT, Solaris and Ultrix).
Windows XP and 2000.

Programming Languages:

Bourne Shell, C, C++, Java, JavaScript, Pascal, Perl, Lingo, LOGO, SQL, Tcl/Tk

Tools & Applications: Bind, CiscoWorks, CheckPoint, HP Openview, Microsoft Visio and Office Suite,
MRTG, NetCool, NMAP, Rancid, RADIUS, Remedy, TACACS.

LANGUAGE

Written and Spoken French, Amharic, English

RESUME' OF DONALD M. JOHNSON

SUMMARY OF WORK EXPERIENCE, EDUCATIONAL BACKGROUND, AND CERTIFICATION AND PROFESSIONAL AFFILIATIONS

WORK EXPERIENCE -- NEW JERSEY BELL TELEPHONE CO.

POSITION/TITLE: ASSISTANT ENGINEER -- DEPRECIATION
FROM 12/71 TO 6/73

RESPONSIBILITIES: Accountable for financial depreciation rates and schedules of all corporate outside plant investment for the state of NJ.

POSITION/TITLE: ASSISTANT ENGINEER -- CURRENT PLANNING
FROM 6/73 TO 6/75

RESPONSIBILITIES: Forecast and manage the Circuit Capital Construction Program for the state of NJ, a budget estimated annually at \$60M.

POSITION/TITLE: PLANT STAFF SUPERVISOR -- NJ PICS
FROM 6/75 TO 1/78

RESPONSIBILITIES: Responsible for forecasting, budgeting, procurement, and distribution of annual \$30M plug-in inventory investment for NJ. Reporting team size approximated 30 people.

POSITION/TITLE: PLANT SERVICE SUPERVISOR -- NJ
FROM 1/78 TO 1/79

RESPONSIBILITIES: Manage all central office switching and telecommunication services for the areas of East Orange, West Orange, and Bloomfield, NJ. Reporting team size approximated 40 people.

POSITION/TITLE: MANAGER -- NEWARK 2 SSC AND FRAMES
FROM 1/79 TO 1/80

RESPONSIBILITIES: Manage central office wiring of all telecommunication and data services in NJ's largest and most complex facility. Reporting team size approximated 80 people.

POSITION/TITLE: MANAGER -- NEWARK SARTS
FROM 1/80 TO 12/83

RESPONSIBILITIES: Implement and manage the first special access remote test system for special service circuits in the Bell System. Area of responsibility included the northern half of NJ. Reporting team size approximated 100 people.

MOVED TO BELL ATLANTIC AS NEW JERSEY BECAME PART OF THE NEW CORPORATION

POSITION/TITLE: DIRECTOR -- SPECIAL SERVICES/IOF
FROM 12/83 TO 1/92

RESPONSIBILITIES: Direct all special service circuit requirements including centralized, interoffice, and customer premise personnel in NJ's 609 area, the lower 2/3 of the state. Significant accomplishments included the planning, installation, and maintenance support of the NJ Lottery Network. Reporting team size approximated 500 people.

POSITION/TITLE: DIRECTOR: SWITCHING/IOF
FROM 1/92 TO 3/93

RESPONSIBILITIES: Responsible for all central office switching and interoffice facilities in NJ's 609 lata. Reporting team size approximated 700 people supported by expense and capital budgets totaling \$70M. Significant accomplishments included creation of the first "NOC" in NJ, an organization ensuring total accountability for all central office and IOF functions under one geographic manager; initiated and implemented the central office single title initiative in NJ in response to need for expense reduction, consolidation of work, and need for efficiency and productivity improvements.

POSITION/TITLE: DIRECTOR -- NJ MAINTENANCE CASETEAM
FROM 3/93 TO 8/94

RESPONSIBILITIES: Accountable to build initial Regional Maintenance Case team and Caseworker concept from Operations Excellence initiative; included statewide customer service trouble report receipt, creation of Special Services Design and Test Organizations aligned with specific corporate lines of business, and implementation of service manager concept. Responsible for conceptual plan to extend NJ model to entire corporate footprint. Reporting team size approximated 800 people supported by a \$50M expense budget. Significant accomplishments included initiation of the "Hot Spare" concept for restoral of high capacity digital facilities in response to demands for dramatically improved maintenance outage performance.

POSITION/TITLE: DIRECTOR -- OPERATIONS WSAM
FROM 8/94 TO 8/99

RESPONSIBILITIES: Responsible for Field Engineering, Residence and Business Installation and Maintenance Services, and all Outside Plant Construction activities for Montgomery and Prince George's Counties in Md. Reporting team size comprised approximately 1100 people with supporting expense and capital budgets of \$130M. Significant accomplishments included meeting service performance indices, rebuilding and rehabilitating the network, and maintaining cost controls within budgetary levels.

POSITION/ TITLE: DIRECTOR -- BUSINESS INSTALLATION
FROM 8/99 TO 4/01

RESPONSIBILITIES: Accountable for provisioning of all voice and data services for small business customers within the states of Maryland, Virginia, West Virginia, and the District of Columbia. Reporting team size approximated 500 people. Significant accomplishments included the successful consolidation of the provisioning and sales teams within each designated line of business.

MOVED TO VERIZON AS BELL ATLANTIC AND GTE FORMED NEW
CORPORATION

POSITION/TITLE: DIRECTOR -- DSL PROVISIONING
FROM 4/01 TO 11/03

RESPONSIBILITIES: Accountable for the provisioning of all of Verizon's DSL services nationwide. Reporting team size approximated 400 people. Significant accomplishments included 95% on time completion and customer satisfaction rates, coupled with a daily installation average of 7500 circuits.

RETIRED FROM VERIZON IN NOV. 2003.

POSITION/TITLE: DIRECTOR -- DCNET OPERATIONS
FROM 1/06 TO PRESENT

RESPONSIBILITIES: Accountable for power/equipment engineering, ISP and OSP construction, installation, and maintenance operations associated with the SONET infrastructure buildout and deployment of voice and data services for all entities of the DC local government, a project involving 350-400 building locations. Reporting team size is approximately 60 people plus private contractors engaged to provide specific functions as required.

EDUCATION

B. A. degree in Business Administration from Gettysburg College, Gettysburg, Pa. (1970)

EXTERNAL LEADERSHIP POSITIONS

Sergeant -- NJ Army National Guard (1970 – 1976)

Vice Chairman -- Manufacturer's Association of Delaware Valley (1988-1992)

Anil Sharma
ISP/OSP Manager

Anil Sharma has been a telecom professional for over 10 years with extensive and varied Program Management leadership experience. He has been with OCTO's DC-Net since 2002 providing operational support and oversight in all aspects of the business with primary focus on physical layer design, implementation, and budgetary adherence. In the most recent year with DC-Net, Mr. Sharma was the accountable focal point for deployment of data services to 140 DC public school sites coupled with a converged VOIP solution at over 50 selected school locations, an accomplishment heralded as DC government's #1 technological achievement in support of the Mayoral prioritization on public education. Mr. Sharma has achieved similar accolades bringing voice, data, and video connectivity to DC's public safety FEMS and MPD venues.

Anil's take charge style, impressive undergraduate business acumen, and vast knowledge of governmental procurement, implementation, and process approval procedures have highlighted him as a key player in DC-Net's challenging future growth initiatives.

Haider Ali – Bio

Haider Ali has been with Office of the Chief Technology Officer (OCTO) at the DC-Net program since 2003 and he is currently the Manager of Support Services at OCTO-DC-Net. Mr. Ali has worked in the IT and Telecommunications infrastructure services industry for over 10 years and has extensive experience in all aspects of IT (design and implementation, software development, systems operations and IT management) and telecommunications engineering as well as customer care, billing / invoice management and voice operations.

He became Manager of IT / Telecom Support Services Dept. for OCTO-DC-Net in August-2007, after serving as an IT Engineer / lead and Telecom professional for 7 years. As a Manager of Customer Support Services, he leads a dynamic team of individuals who drive a complex, converged voice, video, and data IP network using a variety of delivery mediums including: MPLS, Ethernet, and wireless technologies. He has oversight responsibility for a 25,000 lines PBX / CUCM and associated peripherals including voice messaging systems, complete call center solutions, E-911, billing for 80+ agencies, customer care, day-to-day voice operations, management of inventory, real-time reporting and call accounting systems. His effective leadership skills achieved great improvement in day-to-day operations @ DC-Net which resulted operational efficiencies and increase in customer satisfaction.

As an IT / Telecom engineer @ OCTO-DC-Net, he managed and supported multiple server clusters, RDBMS databases and IT operations. He designed, developed, and implemented an intranet telecom inventory and billing system for DC-Net that generates invoices for 25,000 voice and data users and processes 90M calls per year. He also managed the server operations and RDBMS databases.

Before joining Office of the Chief Technology Officer-DC-NET, he served in a very similar capacity at Council of the District of Columbia, VisionOnline and MazikUSA; and designed, developed and implemented various software / web applications and managed IT operations.

He holds relevant certifications in Software Engineering, IT Management, Database & System Administration, Cisco Voice and Security. He holds bachelor's degrees in Networking & Communications, Software Engineering and Business Management.

Tehsin Faruk

tehsin.faruk@dc.gov

SUMMARY:

Telecom Finance Director with proven record of developing and implementing financial and operational controls to successfully transform unprofitable P&L A/C's into operational solvency. Combined 6+ years experience in *Telecom Finance Management, IT Business Development* and *Federal/Municipal Contracting & Procurement*. Advanced knowledge of development of the Municipal capital plan, formulation of spending forecasts. Demonstrated experience in providing guidance and counsel on complex budgetary matters encountered by project staff and executive management. Exemplary communication and strong execution skills in evaluation of business and fiscal strategies.

AREAS OF EXPERTISE

- Expertise in finance systems development,
- Expertise in fiscal management and financial reporting through implementation of BPM Solutions,
- knowledge of and experience in a wide range of Municipal and Industry Standard principles, procedures, methods, and concepts of budgeting for appropriated and revolving fund accounts, and analytical skill in determining the impact of changes in financing on future year requirements
- Expert knowledge and skill in the application of Municipal related laws, regulations, policies and precedents
- Broad knowledge of management techniques for coordinating the work of others, of supervisory techniques for training staff, and for accomplishing tasks within specific time frames.
- Knowledge of Financial and Strategic planning and Business Evaluations

PROFESSIONAL EXPERIENCE

Office of the Chief Technology Officer, Washington D.C.
Finance/Budget Director, Infrastructure Gr. (DC-NET)

May 05-Present

Provide oversight and direct supervision of the financial, budgetary functions and resource management Services for OCTO's Citywide Networking and Telecommunications Programs. Oversees the effective usage of financial management systems, controls, and accounts for +\$100 million in annual operating and capital Budget.

- Develops long-range goals and objectives for the programs fixed assets, analyzing procedures that are essential for implementing construction activity, supervising professional staff in coordinating activities related to development of the capital and operational plan.
- Recommends improvements in current policy or practice and develops related procedures for implementing the policies. Ensures that all parties involved in the program are involved in the development of the policy.
- Supervises staff in the formulation of spending forecasts for multi-year programs covering facilities and equipment required for the government.
- Supervises support for the Capital Review Team, ensuring proper documentation and representation at each meeting as well as coordinating resolution of problems that are discussed at the Team meetings.
- Provides training to capital liaisons and capital financial officers in other agencies of the government. Develops appropriate manuals and other materials to be used for training and development of staff in the program.
- Provides guidance and counsel on complex budgetary matters encountered by branch staff; hires, fires, trains, evaluates staff in the branch. Approves time and attendance, recommends staff for quality step increases, promotions, adverse actions, and other personnel related matters.
- Ensures that the branch responds promptly to questions arising from the Mayor, Council, Authority, Congress, National Capital Planning Commission, the Federal City Council, or other review bodies regarding the capital program.

- Oversee the following finance activities for the program - Accounting, Revenue Assurance, and Billing and Contracts & Procurement. Monitor and coordinate the preparation of monthly, quarterly and annual financial statements. Provide direct advice to the Program Director, regarding financial management policy initiatives on long- range financial policy's and recommend alternative financing strategies for the financial viability and solvency of the program.
- Supervise staff in the formulation of spending forecasts for multi-year programs covering facilities and equipment required for the program. Coordinate compilation of data and other input in support of overall financial planning, modeling, budget development, forecasts, financial analysis and reporting, monitoring trends, developing performance metrics, evaluating potential return on investment (ROI) and general economic outlook, developing diagnostics to analyze financial operations and supporting the overall OCTO Finance/ business strategy.
- Provide guidance and counsel on complex budgetary matters encountered by project finance managers; hires, fires, trains, evaluates finance staff in the program. Approves time and attendance, recommends staff for quality step increases, promotions, adverse actions, and other personnel related matters.
- Support cost schedule, contract performance, variance and risk analysis, and evaluate the impact of aged receivables. Verification that all documentation complies with applicable regulations and professional standards. Participate in studies to improve the operational and financial effectiveness.
- Manage the uses of Intra-District charges to the capital funds, recommend policy guidelines and procedures to monitor and evaluate the use of capital funds for staff costs throughout the program
- Establish automated tracking systems for monitoring program's fiscal deliverables to include invoices, MOUs, revenue collections, Intra-District billing etc.
- Conduct systematic reviews of the program's evolving operational needs and advice on enhancements and updates to procedures and policies to maximize efficiency and cost effectiveness. Recommend policies, standards, methods, and practices that govern the assigned areas of responsibilities.
- Ensure that the program responds promptly to budget and spending queries arising from the DC Mayor, DC Council or other review bodies regarding the capital program.
- Contribute to maintaining the integrity of the agency; display trustworthiness, high standards of ethical conduct and an understanding of the adverse impact that violating such standards would impose.
- Coordinates development of bond resolution information to support the sale of general obligation bonds; recommends the schedule for bond sales, and the amounts that will need to be sold. Coordinates with the Office of Treasury and Finance.
-
- Manages the uses of Intra-District charges to the capital funds, recommending policy guidelines and procedures to monitor and evaluate the use of capital funds for staff costs throughout the government.
-
- Performs other related duties as assigned.

DC-NET (Office of the Chief Technology Officer) – (Telecommunications)
Finance/Revenue Assurance Analyst - (Government Sector Clients)

(May 05 – May 07)

- Provide financial analysis; ensure integrity of operational expense/reporting based on Internal Cost Models.
- Prepare operating and capital budgets quarterly to analyze trends affecting the financial forecast.
- Prepare forecasting trends and analysis. Recommend strategic growth actions through data driven analytics.
- Generate general ledger month end close process and review all accounting transactions impacting the general ledger.
- Assist in documenting and maintaining all accounting policies and procedures and manage all change management requirements for the general ledger/system.
- Interface with Billing and Accounts Payable on all aspects of receivable management issues to establish payment distribution registry's and expense controls.
- Responsible for preparing accrual computation, Accounts Receivable and Accounts Payable management.
- Serve as the financial liaison for all departments and interact extensively with all department heads to provide financial guidelines.

AVANTEC SOLUTIONS, INC. VA, (IT & Systems Integration Consulting)
Business Development Analyst - (Government Sector Clients)

(June 04– May 05)

Consulting Accomplishments

- Provided total enterprise assessment and strategy development to existing clients (Defense and Commercial).
- Prepared business, technical and cost proposals. Developed pricing models as part of the proposal process.
- Analyzed, and prepared financial plans, budgets, cash flow, pipeline analyses, and operating forecasts.
- Qualified prospective business objectives and mapped strategies tailored to meet customer's needs.

Project Accomplishments

- Introduced Avantec's capabilities, services and solutions to key executives in the Federal Government and Commercial business segments through networking and project presentations.
- Conducted research to assess target market, identify and solidify contracts with clients for teaming agreements, mentor relationships, and alliance partnerships.
- Developed 8(a), GSA schedules and other contracting vehicles to secure Federal procurement contracts.
- Led and redesigned Avantec's marketing and PR. Conceptualized and created a successful campaign image.

CITIGROUP (CITIBANK CITICARDS DIVISION), MD (Financial Services Company)

Performance Matrix Analyst - (Credit Operations)

(Jun 02 - Sep 02)

Spearheaded the development and launching of online (MIS) reports and Imaging Tools for 'New Hire Performance Tracking' (P&T) in Credit Operations. MIS tool was first of its kind to be used by the department to evaluate CSR performance index.

- Automated Credit Operations online (MIS) reporting system, reducing credit approval process time by 35%.
- Created database for ongoing projects in P&T Department reducing 'handle time' by 15%.

Risk Analyst - (Global Risk Management Group)

(Jun 01 - Sep 01)

Updated and reviewed Fraud Department databases and analyzed high-risk credit card patron accounts.

- Involved in accounts analysis and develop high-risk account patterns through data analysis, achieving 95% success rate.
- Created and reviewed databases for Risk Analysis Department, and created '12 priority risk ranks' for respective variables.
- Collaborated with external vendor, First Data, to analyze records and enhance existing client service.

EDUCATION/SKILLS

Master of Business Administration (Global Business & Process Management)
University of Massachusetts Dartmouth, MA. (GPA 3.8/4.0)

May 2004

Bachelor of Arts (Business & Economics)
Minor: Small Business Management
Wilson College, PA, (GPA 3.89/4.0)

May 2001

Business Software

SOFTRAX; MASS 500, PROLOG, TIPP, BIZ-Flow, O-LAP Financial Decision Suite, FRX Financial Reporting Suite, PASS, R*STARS, REMEDY

Standard Software

Microsoft Word; Excel, Access, PowerPoint; Visio; MS Project

Certification Courses

Small Business Management, GSA Schedule, GASBE Standards

Languages

English & Bengali (*fluent*) Hindi & Urdu (*conversant*)

Core Competencies

Corporate Finance; Developing Standards; Quality Management; Problem Solving; Process Improvement; Cost Accounting; Statistical Analysis; Financial Planning and Strategy; Reporting Research Results; Requirements Analysis; Financial Skills; Financial Diagnosis; Forecasting; Developing Budgets; Tracking Budget Expenses; Financial Software; Accounting; Analyzing Information ; Dealing with Complexity. Well versed in district accounting policies and procedures and change management requirements for the general ledger/system.

Henry Lofton
Program Manager (Wireless Communications) DC-Net

Henry Lofton has 14 years in supervisory roles in wireless and other telecommunications technologies and he has worked for DC-Net under the Office of the Chief Technology Officer (OCTO) since 2003. In his role as Program Manager at DC-Net, Henry is accountable for physical and logical transport designs involving voice, data, video, and wireless initiatives throughout the DC government. He manages all new telecommunications deployments, including data center relocations, infrastructure redundancy at both the physical and IP layers, disaster recovery, and overall product development and implementation relative to recently introduced telecom industry hardware and software enhancements. He is responsible for supporting infrastructure technology systems and initiatives to meet requirements in the following areas: Database and information management systems, data security, operating systems, application development systems, office automation, resource utilization and performance.

As Program Manager and in his previous position as Manager of Transport Operations at DC-Net Henry has:

- Managed equipment installation processes (installing and testing equipment in response to customer service request) for IP, SONET, and wireless equipment.
- Managed new service turn ups by extending demarcation points and providing CPE connections.
- Managed acceptance of equipment installation processes after the installation and commissioning of network equipment.
- Managed team of engineers.
- Turned up traffic/service on the network.
- Worked with NOC and Network Engineering groups to resolve network issues.
- Trained network deployment engineers

Ramin Farahi-far



SUMMARY:

Over seventeen years of experience in IT operations, engineering, and management. Possess broad technical expertise in IPv4/IPv6 network architecture, modeling, planning, integration, provisioning, risk assessment, and training. Skilled engineer developing strategies and implementing emerging technologies in areas of Enterprise Networking, Wireless, Unified Communications, and IP Security for major enterprises, corporations, and ISPs.

Strengths include: excellent communication and leadership skills; ability to multi-task and adapt to changing priorities; strong analytical ability to assess problems and develop rational yet creative solutions.

CERTIFICATIONS:

Cisco Certified Internetwork Expert: CCIE No. 3001, Sept 1997 (awarded 10-yr anniversary)
Information Technology Infrastructure Library Foundation: ITIL/400351, August 2007

TECHNICAL PROFICIENCIES:

ROUTING PROTOCOLS: ISIS, OSPF, EIGRP, IGRP, RIP(2), and BGP4.

LAN TOPOLOGIES: L2/3/4/7 Switching, WLAN (802.11a/b/g), Ethernet, Fast Ethernet, Gigabit Ethernet, Token Ring, and FDDI.

WAN TOPOLOGIES: MPLS, ATM, Packet Over SONET, DWDM, SRP/DPT, Frame Relay, DSL, ISDN, TDM, X.25, and SMDS.

NETWORK MANAGEMENT and MODELING SOFTWARE: Solarwinds Orion, HP-OpenView, CiscoWorks LMS, Extreme EpiCenter, NetSys, Concord NetHealth, Lucent VitalSuite, NetScout nGenius, NetQos NPC/SuperAgent/NetVoyant/RA/GigaStor, OPNET ACE/Guru.

TRAINING EXPERIENCE: Cisco LMS, ONT, QoS, Cisco ATM Solutions, Stratacom ATM Technology, Cisco Advanced Software Configuration, Cisco Internetworking Design, Advanced Juniper Network Routing, Network General Sniffer, HP-UX System Administration, OPNET Network Modeling and Simulation.

VENDOR TECHNOLOGIES:

Routers/Switches: Juniper M and J series, Cisco Series GSR 12000, ESR 10000, 7500, 7300, 7200 VXR and UBR, 4700, 4500, 3800, 3700, 3600, 2800, 2600, 2500, 1800; Enterasys SSR

LAN Switches/Load Balancers: Cisco Catalyst 6500, 5500, and 4000 series, CDDI/FDDI Workgroup; Foundry Networks Big Iron & Server Iron, Extreme Networks Black Diamond & Summit Series; Lucent Technologies Cajun; Alteon; Enterasys E7; 3Com; Bay Centillion, HP AdvanceStack, F5 Networks BigIP & 3DNS.

IP Telephony: Cisco Call Manager 5.1, 6.0, Unity 4.0(3)

Video-Conferencing: Cisco IPVC 3526 gateway, Radvision ECS gatekeeper, Polycom Viewstation endpoints

Video-Streaming: Real Networks, Microsoft WMS, VBrick, Amnis/Optivision

WAN Accelerators: Juniper/Peribit, Packeteer, Expand Networks

ATM Switches: Lucent/Ascend GX-550, CBX-500; Cisco/Stratacom IGX, IPX, BPX; NORTEL Passport Magellan 160, 50.

Firewalls/IPS/VPN/AAA: Nokia / Checkpoint Firewall-1, Juniper/Netscreen ISG/SSG, Cisco PIX, IOS CBAC, Raptor Eagle, 3COM(TippingPoint) Unity-One IPS, Cisco/Altiga VPN, Nortel Contivity, Funk Software Steel Belted RADIUS, Cisco Secure, RSA ACE server.

Unix Servers/Workstations: DEC, SUN, HP, IBM.

CSU/DSUs and Modems: Visual Networks, AT&T Paradyne. Adtran ISU, ADC Kentrox, RAD.

Console Access Servers: Cisco AS5300/AS5200, Lantronix, Cyclades, Shiva LanRover, Xyplex
Network Analyzers: Network General SnifferPro, DSS, EtherPeek, Ethereal

EDUCATION:

University of Maryland, College Park, MD – B.S. in Electrical Engineering, Summer 1990

Johns Hopkins University, Baltimore, MD – M.S. in Computer Science, Spring 1995

PROFESSIONAL EXPERIENCE:

Nov03- *Network Architecture Manager*, **Discovery Communications LLC (DCL)**, Silver Spring, MD.
Present MD.

- Responsibilities/projects:
 - Developed the corporate standards for QoS, Wireless LANs, WAN Optimization, Routing and Switching, Intrusion Detection / Prevention Systems, PKI, Firewalls, Data Center network connectivity, SSL/IPSEC VPNs, Remote Access, and Console Server Access (OOB).
 - Designed, Engineered, and implemented Discovery's Global Routing and Switching infrastructure. Architecture comprised of Inter-AS routing with BGP and MBGP running over a mix of Private lines, MPLS cloud, and Dynamic VPN based WAN; and Intra-AS routing with IBGP and OSPF running over Layer3 switches in the core, distribution, and access.
 - Lead the engineering efforts to design and implement an internal Corporate Webcast/Multicast solution. The architecture was based on PIM-Sparse and MSDP over MBGP and GRE.
 - Designed and deployed Juniper firewalls/VPNs replacing CheckPoint, TippingPoint IDS/IPS, and Vericept Internet content monitoring solutions for all US and International offices.
 - Leading the architecture and planning of new IP Telephony and Video Conferencing solution for the office of the CEO and the corporate executives across the US domestic and international network. The first piloted solution was based on H.323 architecture. Components included: Polycom MGC-100 and Cisco IPVC 3526 MCUs, Cisco MCM running on router IOS, Cisco Unified Border Element (Multiservice IP-to-IP Gateway), and Cisco Call Manager 6.0. The final solution is based on Cisco Telepresence components: CTS-3200, CTS-1000, and CTS-500.
 - Established processes and procedures for Network Availability/Capacity Planning, Operations/Engineering Escalation, Peer Reviews, Production Turnover Requests, Firewall/VPN Policies, Wireless and Wired Network Access Policies.
 - Planned and deployed IP Video Streaming devices to support distribution of in-house CATV channels across the corporate WAN. The solution was based on VBrick MPEG-2 decoder/encoder appliances running at 6Mbps per standard definition broadcast signals.
 - Completed POC testing of NetQos product suites as an Application/Network performance monitoring/availability/planning tool.
 - Project managed the planning and roll out of corporate LAN switches for US domestic offices. Participated in requirement gathering, RFP development, product evaluation, vendor selection, POC testing, and managed vendor install of the equipment. The components upgraded required support for technologies such as IP Telephony, IP Multicast, Wireless, and Data Center Server Load Balancers.
 - Re-evaluating MPLS provider in support of new QoS strategy, native IP-Multicast, and VPLS.
 - Final review of all architectural solutions to ensure the appropriate availability, scalability, and performance standards are achieved as well as maintaining architectural integrity of platform.
 - Ensure all solutions conform to budgetary goals and objectives.
 - Interface with Network Implementation and PMO to ensure all work items sent into architecture organization are tracked and completed.
 - Gather and produce budgetary forecasts for architectural solutions and manage group budget.

- Provide architectural oversight and review of all new projects as determined by Senior Executives and the PMO.
- Participate in strategic technical planning, capital budget planning and general project feasibility. Develop white papers and other documents necessary to justify projects, new technology direction, costs, and resources.
- Provide high-level architectural documentation and standards, additionally, develop and update IT Security processes and policies for all aspects of the Network infrastructure.
- Guide and mentor all technical resources, while prioritizing all related work efforts.
- Manage Tier III support and escalation.

Apr01- *Principle Network Engineer, Discovery Communications Inc. (DCI), Silver Spring, MD.*
Nov03

- Provided full-time consulting services as a contractor until April 03 and then converted to FTR. Major accomplishments and projects:
 - Evaluation and assessment of vendors providing WAN solutions such as IPSec VPNs, MPLS/VPNs, ATM/FR, and TDMs for Discovery's international network. Developing Requirement Definition documents and technical project management of the International WAN deployment.
 - Vendor evaluation and RFP development for a new Domestic WAN.
 - Product testing and evaluation of Cisco WLAN solutions
 - Developed a Security Policy document detailing connectivity between Discovery Network in Europe and the US, entailing VPNs for site to site and B2B.
 - Build-out of a Disaster Recovery location. This project required active participation in meetings to identify/document requirements/specifications for facilities, Fiber Channel Storage Area Networking, Bandwidth, Switching, Routing, and device management.
 - Design, product evaluation, planning, engineering and network build-out of a new headquarters building. Using Extreme Networks Switching gear and Cisco Routers completed a MAN between headquarter and data center.
 - Redesigned the international WAN which provides improved security, flexibility, manageability and cost/performance over the existing managed network.
 - Developed configuration standards for Discovery's enterprise-wide Checkpoint firewall deployment and implementing management servers for this new infrastructure.
 - Spearheaded and project managed a new domestic WAN infrastructure based on BGP/MPLS network.
 - Planning and implementing corporate Remote Access/VPN using IPSec tunnels. Evaluated and performed a side-by-side technical comparison of VPN products from Cisco, Nortel, and Nokia.

Nov98- *Sr. Internetwork Engineer, Dimension Enterprises (Nortel Networks), Herndon, VA.*
Mar01

- Full-time CCIE consultant for WinStar Communications. Major accomplishments included:
 - Engineering and planning of a major ISP network consisting of IP and Broadband equipment. Converted a flat network built on Cisco 7500 routers, Newbridge 36170 ATM, and Lucent/Cascade 9000 Frame Relay switches connected via OC3 ATM links as its backbone into a hierarchical network consisting of 8 backbone sites with GSRs (Cisco 12016), ESRs (Cisco 10000), 75xx, GX550s, CBX500s, connected via OC-48 POS for Inter-pop, OC-48 DPT/SRP ring as the Intra-pop, and OC-12 ATM backup/Edge customer links.
 - Implemented a migration strategy to move from OSPF to ISIS on the ISP network. Cleaned up a lot of access list and replaced them by BGP communities and Prefix lists. Standardized router configuration on all routers.
 - Designed and planned the separation of the Enterprise from the Operation and Systems Support networks. This design involved integrating existing equipment into the new

architecture. A total of 300 sales and business sites with 4 data centers formed in a hierarchical topology.

- Developed a design and an engineering process for Winstar's International Enterprise Network in Europe, Asia, and South America. The design involved a high-speed router based network using POS links on the backbone and Layer 3 switching infrastructure at the data centers.
- Project managed and Engineered in less than one month, WinStar's first Web cast event, the National Sales and Services Meeting (NSSM) held at a resort in Florida with 500 attendees. This event, viewed by 5000 employees across the WinStar Enterprise Router backbone sitting behind their desktops, was accomplished using IP multicasting. Utilized Microsoft Media Server and Player as the Multicast media viewing tool. Received an Honorary Spirit Award for this achievement by the President and CEO.
- Performed network modeling and simulation for the Systems Architecture group to be able to design more robust and scalable solutions.

Sept97- Director of Network Services/Sr. Internetwork Engineer, **Sysnet Communication**, Bethesda, MD.
Oct98

- Managed Network Engineering projects and directed the Internet services division, Network Operation, and Technical Support. This includes new service orders, planning for new technology deployment, research and development of customized network solutions, and supporting customers with technical need.
- Developed and engineered a project plan which included pricing, design, integration, and implementation of voice over IP on an ATM backbone for an international cellular phone carrier in East Europe.
- Project managed and engineered an international telecommunication solution for the largest telecommunication service provider in Ecuador (Porta/Concel). Designed a network infrastructure for Concel to become an ISP. Also engineered an ATM/Frame Relay solution to carry most of Ecuador's cellular international voice as well as Internet traffic.
- Developed an Information Technology Guideline and a "how to" guide for a network access provider (NAP), that involved major research and analysis of the existing network infrastructure and implementing a satellite based network.
- Designed and planned a deployment of Voice network over IP, and Frame Relay utilizing Cisco 3640, 2620, and 3810s.
- Developed network security policies (i.e. VPN access, Desktop security). Installed and configured PIX firewalls, Security Dynamic ACE/Server and tokens, Cisco Secure.
- Compiled TACACS+ on BSDI UNIX and configured it to manage an ISP with 5000 users.

Jun96- Sr. Internetworking Consultant, **Computer Horizon**, Colombia MD.
Sept97

- Project managed Remote Access Switch implementation for Async and ISDN users. Key design features include, Cisco AS5200 integrated with CiscoSecure (TACACS+ AAA package), Citrix WinFrame, CACTUS Database, NIS+, and Billing software.
- Provided technical consulting on Core Network redesign, integrating ATM, Fast Ethernet Switching, and Routers on a 3-layer hierarchy (Core, Distribution, Access).
- Provided technical consulting for migration from a Token Ring/Bridged network environment to a Switched Fast Ether/Router based network. Responsible for migration plan, proof of concept, architecture, implementation issues.
- Evaluated Remote Access products such as Shiva LanRover AS, Cisco AS5200, Bay Network Annex 6300.

Sep95 - Sr. Network Engineer, **Citicorp Global Information Network**, Reston, VA.
Jun96

- Responsible for architecture, planning, and implementation of Citicorp's Global Router Network (GRN).

- Maintained and Assigned 5 class “B” IP address blocks for Citicorp’s OSPF routed networks. Extensive VLSM techniques were used to maximize the efficient use of the address blocks.
- Migrated Citibank’s branch network connectivity from a private X.25 network to the GRN.

Apr94 - *Network Engineer*, **GE Information Services**, Rockville, MD.

Aug95

- Lead projects to install and support GE Information Services’ client network connectivity.
- Worked in a 24x7 support and managed to be the main point of contact for Asset Management, Network Engineering, Network Operation Center, Client Services, and vendors.
- Implemented network security including configuring Cisco access list filters, installing firewall products, as well as other measures to ensure critical network services.
- Implemented Network management platforms using SunNet Manager, HP OpenView, and CiscoWorks.
- Provided technical support for Router based networks and multi-protocol based LANs for testing, installing, configurations, and Network Management of GEIS’ own and client devices.

Jan90 - *Network Engineer*, **SURAnet**, College Park, MD.

Apr94

- Evaluated, planed, configured, and maintained a Network Management Station (NMS) to monitor SURAnet’s (a Division of BBN) WAN of over 300 devices for Mid-level regional networks within the Internet.
- Developed application tools for fault isolation and system monitoring using perl scripts. Implemented UNIX-C shell scripts, to collect data on each monitored devices, via SNMP, and generated reports on line utilization, router interface errors, and congestion. Provided a top 10 network health report for SURAnet.
- Evaluated and recommended NM software such as SunNet Manager, HP OpenView, IBM NetView6000, CiscoWorks, Remedy’s Health Profiler, and ISICAD Command.

PERSONAL:

US Citizen

REREFRENCES:

Available upon request.

Winfred Lee Scott



Career Accomplishments:

- Work as Director of Program Management for DC-NET. Manage both the business unit and project management team to facilitate all DC-NET projects and both pre-sale and post-sale activities.
- Managed R/F Engineers that in fiscal year 2009 deployed enough Internet Hotspots to move the District of Columbia from #11 to #3 in the nation for city-wide wireless broadband Internet availability.
- Implemented over ninety-five Internet Hotspots throughout the DC Metropolitan Area based on one of the 2008 DC Mayoral Initiatives.
- Worked with the Unified Call Center Program Management in building out the entire network infrastructure for the UCC building.
- Worked with fellow engineers and the US Secret Service to send all DC Metropolitan Police Department video surveillance to a disclosed USSS site location for the 2005 Presidential Inaugural Event.
- Implemented and management Internet/Intranet Access for the District of Columbia Government for nine years as a Tier III Network Engineer for the Office of the Chief Technology Officer's WAN Engineering Group.
- Principle Network Engineer managing the Department of Motor Vehicle WAN/LAN Network Enhancement Project that was completed in the fall of 2002. Since the rollout of the DMV Destiny Application, the DMV WAN Environment has been upgraded to accommodate network uptime of 99.999%.
- Worked as a Lead Network Engineer on the District of Columbia Intra-network infrastructure enhancement project known at DCNET.
- Lead Technical Consultant on constructing the Saint Luke Church Computer Lab as part of the Court Services Offender's Supervision Agent under the Department of Justice.
- Provided both Firewall and VPN consulting services for the American Gas Association, Smithsonian, and Sughrue Law Firm.
- Provided consulting services and managed the US Postal Service Headquarters and UP Postal Master General LAN between years 1991 through 1996.
- Migrated voice communications onto data circuits for the Armed Forces Benefits Association. This project involved connectivity via Frame-Relay and DLSW throughout several Air Force Bases throughout the country.

Chronological Experience:

DC Government

Office of the Chief Technology Officer

655 15th Street NW

Washington, DC 20005

Position: Director of Program Management – DC-Net

May 26, 2009 – Present

As Director of Program Management within the DC-Net organization, I am responsible for business development for revenue generation, submission of business proposals to customers to solidify projects, and oversee project managers who are assigned to customer projects. I direct and manage both a business unit and project management team. Although I am working as a business director, I am asked to oversee technical projects like the OCTO datacenter move and other strategic technical initiatives that involve senior level engineering leadership and support. Additional duties of my position involve Change Control Board submittals for DC-Net related request and provide oversight as a CCB Board member.

DC Government

Office of the Chief Technology Officer

441 4th Street NW

Washington, DC 20001

Position: Director of Network Engineering

April 18, 2005 to May 26, 2009

Managerial objectives consist of the daily administration and oversight of the entire District Government Enterprise Network Infrastructure. Provide leadership and decision making authority to introduce proven technological solutions into the existing District Government Wide Area Network. Additional duties include budgetary planning and forecasting that pertains to engineering projects, product evaluations, hardware refresh, and all operational aspects of maintaining the City Government's Enterprise Network. Manage a technical group of eight network engineers to maintain the entire network infrastructure on a daily basis. Responsibilities include meeting with District Government Agency CIO's and IT Management to discuss agency information technology objectives and the delivery of network solutions that match and exceed agency IT requirements. Other duties include review and selection of outsourced IT services, generation of Memoranda of Understanding to perform IT services for Intra-District Agencies, approve/disapprove Telecommunication Request for District Agencies, and management of special projects for the Executive Office of the Mayor directly related to network services.

DBTS Inc.

236 Massachusetts Avenue, NE

Washington, DC

Position: Tier III WAN Engineer

July 16, 2004 – April 18, 2005

My primary duties and tasks incorporated provide Wide Area Network Architecture Design and Deployment expertise, project planning for WAN enhancements, and enterprise-wide implementation services for the Office of the Chief Technology Officer. Additional responsibilities involve managing Tier I & II Engineers on there assigned projects from OCTO upper management, review all engineers proposals that involve change management, preventive maintenance, and network enhancements; and deliver technical presentations, write technical papers, and advise OCTO Upper Management on day-to-day operational issues that may impact both agency based applications or enterprise services for district citizens.

Empowerment Technology LLC**Washington, DC****Position: Senior Network Engineer Consultant/VP****October 1999 to July 15, 2004**

My major task was to provide Senior Network Engineer Design and Architecture services for the DC Government Office of the Chief Technology Officer. Duties included developing project plans, performing agency network audits to recommend technology solutions for OCTO customers, and develop network requirements to enhance the proficiency and quality of District Government Wide Area Network. Managed and maintained the DC Government Core Network on a daily basis. Devised project planning for DC Agency IT Initiatives and developed network architecture designs for the DCWAN Environment. Managed and monitored assigned projects that involved network component upgrades, problem resolution tasks, change management, and review processes for future DCWAN and DCNET initiatives. Major DC Government Agencies assigned under my supervision were: Department of Motor Vehicles City-Wide Network Enhancement Project, Department of Health City-Wide Network Security Enhancement Project, Emergency Management Agency Inter-Office Network Enhancement Project, and Department of Employment Services SMDS to Frame-Relay Migration Project.

DUNN Computers Inc.**Position: Senior Network Engineering Consultant****Chantilly, VA****October 1996 to October 1999**

Resolved Local Area Network related issues, resolved Wide Area Network outage problems, facilitated File Server and Network Operating System issues for both commercial and governmental customers throughout the Washington, DC Metropolitan Region. Performed work for the following clients: US Interior, US Army MWR, Walter Reed Hospital, Council of the BBB, George Washington Hospital, DC Administrative Services, DC Department of Public Works, DC Mayor's Office and other customers within the region. Worked with DC Government Chief Technology office to provided Enterprise Internetworking Consulting services. Responsible for conducting site surveys to insure that Internet access would be available to all District government agencies. Installed, configured and managed CISCO Routers, Layer2 and Layer3 Ethernet Switches, DHCP servers, NT Web servers, TFTP servers, PIX Firewall, and TACACS+ Authentication Servers. Managed and maintained 200+ CISCO Routers for DC Government Office of the Chief Technology Officer, the Department of Public Works, and the Metropolitan Police Department. Performed File Server Analysis for Walter Reed Hospital and rendered other Internetworking services to DUNN customers.

Provided Pre-sales technical services for the DUNN Sales division and assisted Pre-Sales Engineers with proposals. I conducted presentations for clients per request. Responsible for generating over 1.6M Dollars in revenue from combined services/sales.

I-Net**Position: Network Engineer****Bethesda, Maryland****August 1996 to October 1996**

Position involved daily management of all existing network components vital to the Local Area Network Infrastructure for the US Postal Service Headquarters Facility. Major tasks and objectives of this position were: monitoring routers and Ethernet concentrator data centers using HP Open-view. Resolved service calls related to network communications, completed assigned projects, designed office networks, performed cable installations, IP address administration, and performed network optimization for LAN based and Campus Network environments.

DynCorp
Position: Senior Network Analyst

Alexandria, VA
March 1995 to August 1996

Resolved network issues on a daily basis. Worked with the customer to configured network components for network management using SNMP tools. Utilized protocol analyzer and other diagnostic tools to identify problems with network cabling, network interface cards, file servers, and other network devices. Submitted progress reports on assigned projects and service related issues to upper management. I conducted network surveys for inter-office network access throughout the US Postal Headquarters Facility.

Provided technical consulting for USPS Headquarters Office and Executive Information Services Group, and conducted system analysis of existing infrastructure. The customer required evaluation of new ADP technology to be considered for production usage within the USPS Headquarters Facility. Developed project plans for deploying new technology within the existing computing environment. Based per customer's request, I facilitated peer-review meetings concerning operational procedures and methodologies to improve computing services for the Office of Executive Information Systems customers. Worked as the Lead Engineer and provided the necessary technical leadership within the senior network analysis group. I also worked as LAN Administrator, Network Engineer, and Customer Liaison to provide adequate and expedient support for O&EIS clients.

Education:

| | |
|---|--------------------------------------|
| MSS Training Courses annually | February 2006 – February 2010 |
| Cisco Metro Ethernet Switching Deployment (MPLS) Class | December 2005 |
| Juniper M5 Router Primer Training Course | June 2003 |
| Juniper M5 OS Primer Training Course | June 2003 |
| Fore Core and Edge Products Certificated | February 2000 |
| CCNA Certified CISCO ID#10034369 | November 1999 |
| NA SNIFFER University TCP/IP Network Analysis Course | July 1999 |
| Sun Solaris v2.5 Network Administration Training | October 1997 |
| Sun Solaris v2.5 LAN Administration Training | October 1997 |
| Spectralogic 9000 Training | December 1996 |
| Novell Re-certification under v4.X | September 1996 |
| Netware v4.X Training | October 1994 |
| Ungermann Bass Access/One | June 1991 |
| DEC Pathworks Training | May 1991 |
| Novell Certified Engineer | July-Sept 1990 |
| PC Repair Training | Sept 1989 |
| University of the District of Columbia Completed 2.5 years of EE/CE Degree | September/83 December 88 |
| | |

Specific Technical Skills:

| |
|---|
| Operating Systems: Unix; VMS; MAC; OS/2; Sun Solaris; Windows 2000, Windows XP |
| Hardware: Cisco 6500,4500,3750,3560,2900,7600,7200,3800,3600,2600,1700; Cisco WCS; Cisco 4402; 1424AP; Juniper M5; 3COM Ethernet Concentrators and Switches, Distributed Sniffer; AS200BX/LE25/LE155/ASX4000/ASN9000/2400/3810; Fluke Optical and Gigabit Ethernet TDR; TPI 550B+; T-Berg |
| Software: Visio 2003; Windows XP Office Suite; Windows 95; HP Open View; LANFAX for Windows; EICON 3270 for Windows; Cisco-Works for NT and Unix, Etc.; Ethereal |
| IT Standards: TCP/IP, PPP, SMDS, ISDN, MPLS, IPSEC,L2TPv3, IEEE 802.3;802.1q; 802.11a/b/g |
| Routing Protocols used on a daily basis: RIP V1 V2; OSPF; EIGRP; BGP |
| Working knowledge and understanding of the following Data Services: SMDS; HDLC; Frame-Relay; PRI; BRI; VPN |

TIGE C. JOHNSON



PROFESSIONAL HIGHLIGHTS:

Government of the District of Columbia, Office of the Chief Technology Officer (DC OCTO) DC-Net

T & J Consulting Inc. (8/2007-present)

Director, DC-Net Business Unit

- Primary Point of Contact for all DC-Net projects and initiatives; main representative to outside groups interested in programs and operations of the DC-Net organization; develop and make presentations to current and potential customers related to DC-Net's products and services
- Responsible for DCPS WAN connectivity program. Primary interface between DC-Net and its partner Allied Telecom. Responsible for representing DC-Net in all meetings and discussions concerning DCPS WAN connectivity.
- DC-Net program lead on DCPS VoIP deployment
- Produce feasibility studies and business cases for complex voice and data services, products and platforms.
- Perform strategic business analysis for prospective future DC-Net locations based on ROI (Capital cost vs. Revenue projections). Responsible for implementing initiatives that ensure DC-Net's financial solvency.
- Create goals and performance metrics; develop and monitor those metrics; establish and meet/exceed revenue goals.
- Participate in development and implementation of new businesses and coordinate presales meetings to review proposed plan and participate in final sales meetings. Provide sales analysis for promotional strategy; work closely with DC-Net's Engineering and Operational Teams to ensure timely delivery of DC-Net services.
- Plans, organizes, and evaluates the work of the assigned Business Unit staff.

Government of the District of Columbia, Office of the Chief Technology Officer (DC OCTO)

T & J Consulting Inc. (11/2005-8/2007)

Project Manager

- Project Lead for the National Capital Region Interoperability Program's (NCRIP) Program Management Office. Responsible for all project reporting to multiple jurisdictions and stakeholders, including the Department of Homeland Security; preparation and delivery of detailed financial and technical presentations to

- various levels management; assist individual project teams with budgeting, project plans, and contracting and procurement.
- Project Lead for Digital Inclusion Initiative Request for Information (RFI) creation. Conducted research to gather lessons learned from other Municipalities undertaking similar initiatives; assisted senior management in creation of an extremely detailed plan for continuing the Digital Inclusion Initiative; this plan is to be presented to Mayor Fenty
 - Responsible for all DC Government voice and data projects involving the District Owned Fiber Optic Network (DC-Net). Project Lead on multi-year deployment of DC-Net at DC Public Schools.
 - Responsible for coordinating the opening of the newly constructed Unified Communications Center. Responsible for successful completion of all activities required to meet the facility's "go-live" date. This \$100 million dollar center houses the District's Emergency Management Agency and the Office of Unified Communications. In a time of crisis, this location has been designed to serve as the hub for all emergency operations for the region.
 - Responsible for successful and timely completion of all OCTO managed voice and data projects for agencies under the Deputy Mayor for Planning and Economic Development.

Government of the District of Columbia, Office of the Chief Technology Officer (DC OCTO)

T & J Consulting Inc. (6/2003-6/2005)

Project Coordinator

- Point of Contact for the DC-Net project, the District's \$100+ million state-of-the-art fiber optic network.
- Responsible for obtaining access to all DC Government Agency information and other resources, including agency personnel, vital to the successful completion of the DC-Net project.
- Responsible for managing customer relations relative to the implementation of the DC-Net project.
- Daily interaction with DC-Net project team network engineers and construction managers to ensure proper coordination and scheduling of activities.

Government of the District of Columbia, Office of the Chief Technology Officer (DC OCTO)

T & J Consulting Inc., (2/2002-8-2002)

Management Consultant

- Project Management Office Liaison
- Responsible for all PMO reporting for the Deputy Chief Technology Officer.
- Assisted project managers in creating and maintaining all financial reporting tools.

- Responsible for project management oversight, project scheduling, project report generation, data collection, and budget analysis.

Government of the District of Columbia, Office of the Chief Technology Officer (DC OCTO)

Jacobs Facilities Inc., Arlington, VA (8/2000-2/2002)

Management Consultant

- Lead Analyst in the development and implementation of the Project Management Office (PMO) for the Government of the District of Columbia, Office of the Chief Technology Officer.
- Assisted in the management of a program of over 100 technology/BPR-oriented projects.
- Contributed to the development of a web-based PMO (enterprise) system/database.
- Lead Analyst for the District of Columbia Customer Service Project; provided standard reporting tools, formal presentations, process mapping, gap analysis identifying benchmarking criteria and potential strategic alliances/partners.

EDUCATION:

Salisbury State University, Salisbury MD

Master of Business Administration, Franklin Perdue School of Business, 1998.GPA 4.0

- Intensive study of all aspects of business management with a combination of academic and practical application. Heavy emphasis placed on Financial Analysis and Strategic Planning.
- Courses in Corporate Financial Management, International Financial Management, Management Science Models, Corporate Strategic Planning and Policy
- Beta Gamma Sigma Honor Society

Salisbury State University, Salisbury, MD

Bachelor of Science in Physical Education, 1995.

Minor in Philosophy. (Graduated with High Honors).

COMPUTER SKILLS:

- Expert User of the Microsoft Office Suite
- Proficient in MS Project, Primavera
- Advanced skills in developing spreadsheets for financial analysis, competent in QM for Windows

Barry Silverman

E-Mail: barry.silverman@dc.gov

Work Experience:

10/02 - Present DCNET Project – ISP / OSP Design, Construction and Maintenance Manager

- Manager of the ISP / OSP Design Engineers and Administrative Support Group
- Responsible for analyzing and planning the route topologies and structure selection
- Responsible for the design and scheduling of the outside work orders
- Coordinate access to use underground and aerial structure
- Coordinate all permits issued with DDOT
- Analyze and approve all contractor invoicing
- Responsible for ordering all ISP/OSP materials
- Major achievements, designed and built 20 rings which include all DC Public Schools, FEMS, MPD, administration locations and the Wireless ring

6/02 – 9/02 KCI Technologies – Manager Design Engineering - Laurel, Md.

- Managed 3 Engineering Assistants and 3 CAD Operators for the DC NET Project
- Responsible for the ISP and OSP Designs for DCNET
- Coordinated with DCNET to schedule all site design work

2/01 – 3/02 OSP Consultant - Director of Facility Operations - Sterling, VA.

- Responsible for the dispatch center and locate operations for Sprint Telephone in the state of Ohio
- Managed the Dispatch Center, locate and protection operations
- Managed 6 Supervisors, 2 Clerks, 7 Screeners and 25 Locators
- Responsible for processing Miss Utility tickets and then locating and protecting fiber cable for the Metro Media Fiber Network in D.C., Va. and Md.

4/00 – 2/01 U.S. Naval Academy – Facility Analyst, Engineer and Project Manager - Annapolis, Md.

- Performing voice network study and documenting findings.
- Analyze findings and submit engineering plans to upgrade network including all associated costs
- Designed the facility cable job for the new Midshipmen phone switch (main frame room to each Midshipmen room)
- Project managing the entire switch installation

4/90 – 1/00 Bell Atlantic – Facility Design Engineer Manager – Maryland/Washington, D.C.

- Supervise 9 Engineering Assistants and 6 Engineering Contractors
- Analyze various database reports and provide technical assistance to insure a correct design
- Coordinate with Planners and Facility Analyzers to proactively issue projects for relief to service interface boxes
- Design building riser and conduit systems
- Major achievements; Designed and project managed WITS, DOJ, White House and MCI Center Conversions

12/83 – 4/90 Bell Atlantic – Splicing Construction Supervisor –Washington, D.C.

- Supervised 8-12 Cable Splicing Technicians
- Developed the Engineering/Construction monthly work report schedule

6/61 – 12/83 Bell Atlantic – Cable Splicing Technician – Washington, D.C.

- Performed all types of splicing operations: new installations, rearrangements, and repairs in the underground and in buildings
- Read and interpreted engineering work prints

Resume of:

Philip G. Haka



EXPERIENCE:

Currently DC-NET fiber network construction project in Washington DC as the Equipment & Power Engineering Manager. Experience in telecommunications procurement since 1973. Primary focus is on coordinating all engineering and construction elements necessary to connect end users to the District-wide optical fiber network.

SKILLS:

- Extensive experience with leading edge telecommunications networks both TDM and IP with special emphasis on robust survivability and economies of implementation/operation and matching traffic to facilities.
- Comprehensive experience with deploying VoIP in core switching, transport, and desk-top delivery. Familiar with all performance requirements necessary to provide full quality service.
- Comprehensive knowledge of the broad range of infrastructure needed to support the leading edge integrated next generation networks: electrical/metallic plant (loop, DSL, IP coax), optical fiber (both long haul including DWDM and metro), and wireless (licensed and unlicensed).
- Over 30 years experience managing telephone systems and networks including VoIP, virtual networks, and private networks; excellent traffic analysis skills.
- Excellent systems-approach to network design, implementation, and project completion.
- Strong organizational, leadership, and training skills together with very good verbal and written communications abilities.
- Hands-on large project management experience.
- Computer literate: full Microsoft Office suite (WORD, EXCEL, OUTLOOK, PROJECT, and ACCESS) as well as WordPerfect, Quatro-PRO, AutoCAD, VISIO, BASIC, and PROCOM-Plus.

PERSONAL:

Graduated from Michigan State University with a Bachelors of Arts degree in Communications.

Served in the United States Army; honorably discharged.

PROFESSIONAL HISTORY:

Currently I am with the DC-NET fiber network construction project in Washington DC as the Equipment & Power Engineering Manager. (This is a position filled by contract employment.) Primary focus is on coordinating all engineering and construction elements necessary to connect end users to the District-wide optical fiber network. This includes equipment and power engineering to place the necessary equipment at the various drop sites with the necessary transport and distribution equipment to deliver Voice over IP services and data links. There is also heavy involvement in the IP based switching platform and integrated voice-messaging system configuration/engineering to properly size it to support the number of users and provide the desired grade of service. The development of the engineering package also entailed a check and balance function to insure that proper IP assignments, working fiber selections, and terminal equipment port configuration/sizing were properly done to meet the immediate and projected site user requirements. Also supervision of as-built documentation updates and conversion of legacy "paper" records to electronic CAD and MAP databases.

August 2001 to July 2003: SynchroNet, Incorporated/SynchroNet Global, LLC Bremen, Georgia. Filling the network development and deployment needs of SynchroNet, Inc. as the Director of Network Design and Implementation and transitioning to the Chief Operations Officer of SynchroNet Global, LLC to support the CLEC filing and launch in rural western Georgia. In addition to the overall project management, specific focus included key customer identification, initial rough route selection, regulatory requirements (CLEC application, etc.), equipment review and selection and financial analysis. Developed a very high capacity next generation SONET based network to support gigabit Ethernet data traffic along side traditional circuit based TDM traffic with cost-effective wireless delivery to smaller end users. Other key responsibilities included the training of existing installation staff in the many and varied tasks required to operate, monitor, and repair a regional fiber optic network as well as providing the necessary technical documentation for legal PUC filings, RBOC interconnect agreements, and customer contracts and service agreements. Circuit and system trouble-shooting classes for employees were also part of my duties.

November 1999 to June 2001: Tri-Corners Telecommunications/*REANet*, Incorporated, Durango, Colorado as the Director of Engineering. Key responsibilities included route selection, equipment selection and engineering and implementation for a regional fiber based network serving the rural southwest corner of Colorado and portions of New Mexico and Utah. Also implemented and supported a PBX based ACD system for the call center operation of a 15,000 subscriber ISP operating over the southwest Colorado, southeast Utah, and northwest New Mexico region. Secondary focus was to

train the initial wireless staff in the operation and maintenance of fiber optic equipment.

April 1991 to November 1999: ICG Communications (initially Teleport Denver, Limited), Denver, Colorado. Began with a start-up implementing initial transmission equipment selection and installation in a Competitive Access Provider (CAP) environment. Later specializing in Engineering Project Management responsible for coordination of all installation work for the Denver Metro area. As the company grew to a National coverage, I moved to responsibility for transmission and DCS engineering to support all facilities, nation-wide. For the last 3 years managing a group responsible for specific disciplines within the communications-engineering arena: transmission, alarms/telemetry, power, outside plant, and office design and layout; emphasis was placed on trunking interconnections with 5ESS switches on a STS-1 level to provide compatibility with other carriers at a DS-3 level and to provide switch module diversity for trunk groups.

February 1984 to April 1991: Regional Transportation District (RTD) Denver, Colorado. Started a telecommunications department to provide integrated voice and data network connectivity between eight facilities throughout the Denver/Boulder metro area. Implemented a T1 digital network to link computer users to hosts, via a switched data network integrated with the digital PABX systems, located at a central data center prior to the wide spread availability of LAN technology. During this time the computer center (full computer room) was moved 3 times. Migrated the District's telephone information center from a standard PBX based ACD system to a state-of-the-art multi-level system with multiple groups and cross-group overflow.

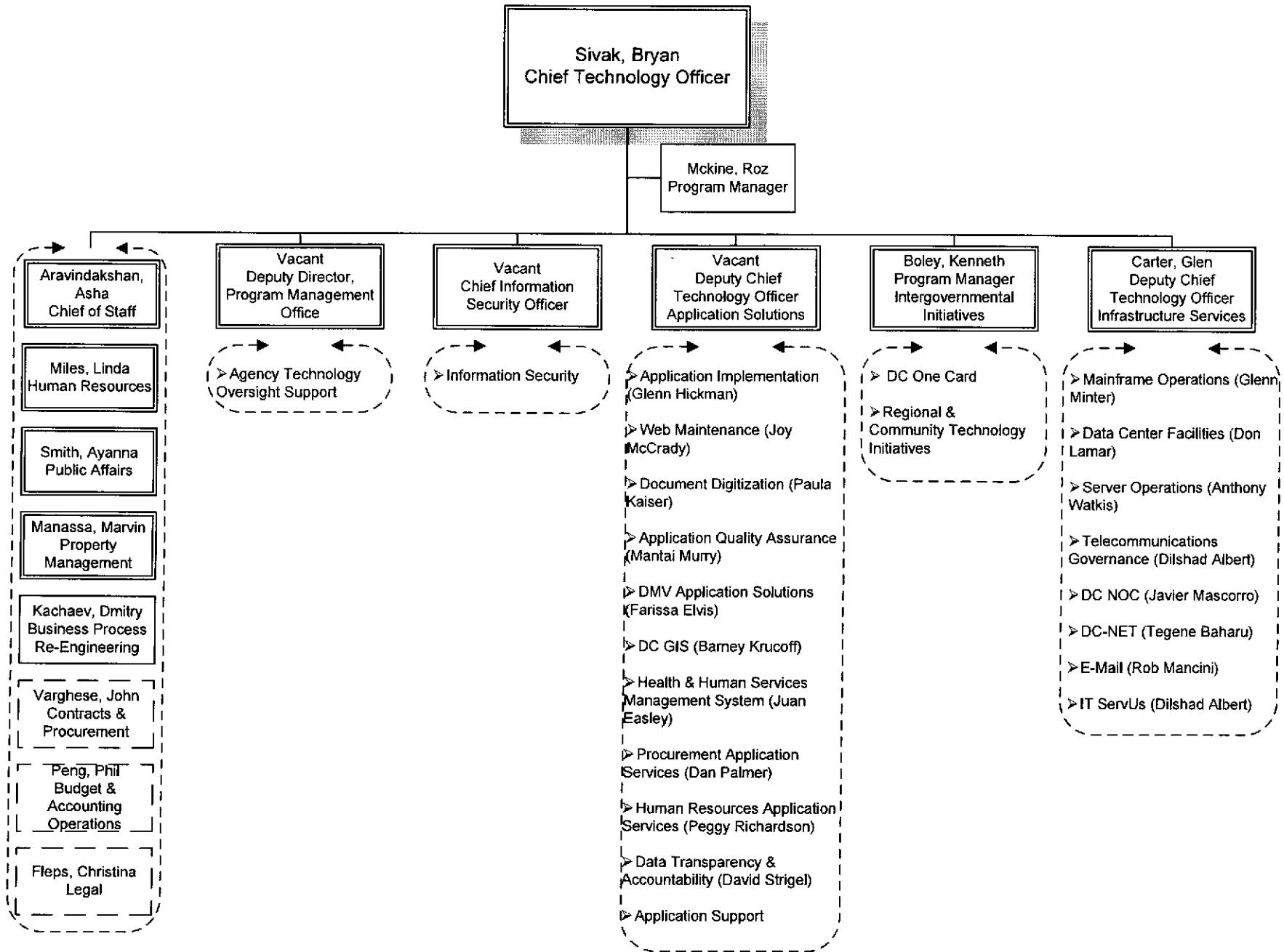
1973 to February 1984: WorldWide Business Management & Consulting, Inc., theatre management and operations with a 70-screen circuit. One of the prime responsibilities was the analysis and control of telecommunications services and the implementation of PABX and Call Accounting systems to optimize telephone trunks and toll costs. Also included film booking and buying for 12 screens and overall telecommunications coordination and upgrade. Developed a video-cassette based coin-operated vending system for movie entertainment distribution with multiple programs available from each viewing unit; this entailed all electronic control, hardware, accounting system design and for the in-house manufacturing of all components. Established a video production facility including studio cameras, film-chain (16mm/35mm/slide) 1" and ¾" videotape editing facilities and ½" videotape duplication.

REFERENCES:

Available upon request.



Government of the District of Columbia
Office of the Chief Technology Officer



Tegene Baharu
Director of DC-Net

Don Johnson
Director of Network Operations

Haider Ali
Sr. Manager of Support Services

Lee Scott
Director Program Management

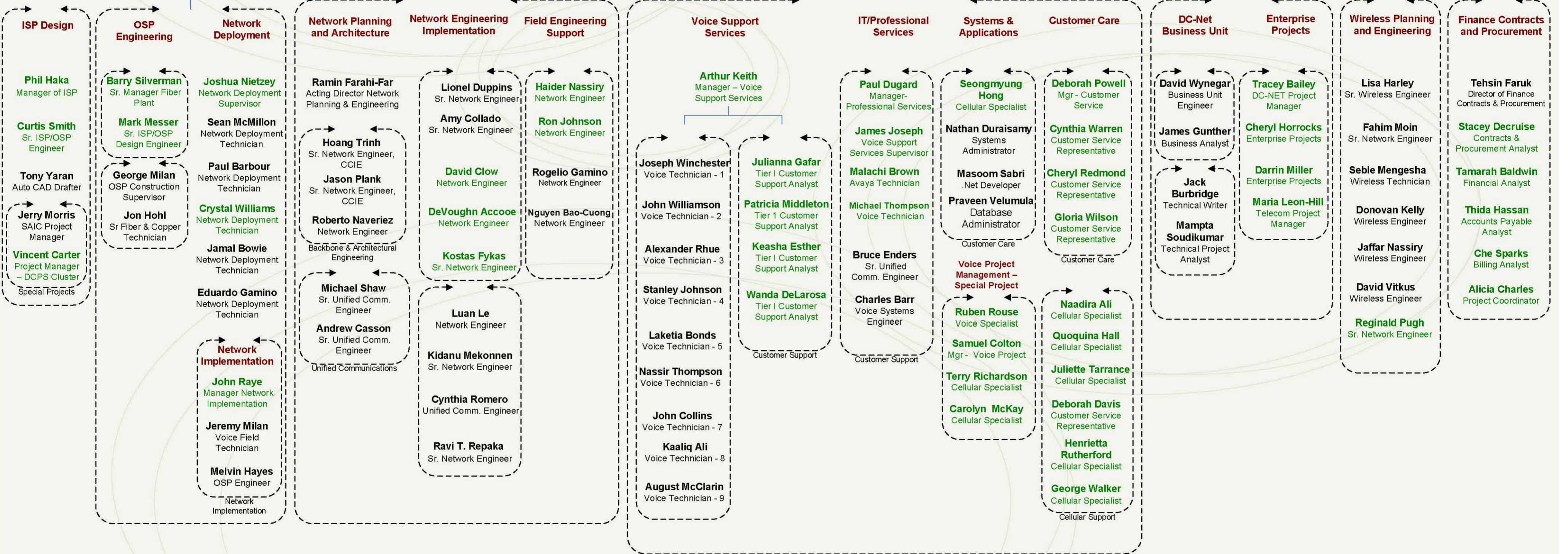
Roz McKine
Communications & Administrative Officer

Mary Shivers
Engineering Assistant & Special Projects

Anil Sharma
Program Manager - ISP/OSP

Tige Johnson
Director of Business Unit

Henry Lofton
Manager Wireless Implementation



| DC-Net Staff | |
|--------------------|-----|
| Total DC-Net Staff | 105 |
| DC-GOV FTE | 55 |
| DC-NET Contractor | 50 |