## U.S. DEPARTMENT OF COMMERCE

# Performance Progress Report

**2. Award Or Grant Number**
11-50-M09011

**4. Report Date (MM/DD/YYYY)**
11-01-2010

**1. Recipient Name**
District of Columbia OCTO

**6. Designated Entity On Behalf Of:**
District of Columbia

**3. Street Address**
441 4th Street NW,

**5. City, State, Zip Code**
Washington, DC 20001

**8. Final Report?**
◯ Yes
◉ No

**9. Report Frequency**
◉ Quarterly
◯ Semi Annual
◯ Annual
◯ Final

| 7. Project / Grant Period Start Date: (MM/DD/YYYY) | 7a. End Date: (MM/DD/YYYY) | 7b. Reporting Period End Date: | 9a. If Other, please describe: |
|---|---|---|---|
| 10-01-2009 | 09-30-2014 | 09-30-2010 | N/A |

## 10. Broadband Mapping

10a. Provider Table

| Number of Providers Identified | Number of Providers Contacted | Number of Agreements Reached for Data Sharing | Number of Partial Data Sets Received | Number of Complete Data Sets | Number of Data Sets Verified |
|---|---|---|---|---|---|
| 97 | 53 | 32 | 45 | 4 | 33 |

10b. Are you submitting the required PROVIDER DATA by using the Excel spreadsheet provided by the SBDD grants office? ◯ Yes ◉ No

10c. Have you encountered challenges with any providers that indicate they may refuse to participate in this project? ◉ Yes ◯ No

10d. If so, describe the discussions to date with each of these providers and the current status

For more details, please refer to the Q3 Supplemental Answers Document.

10e. If you are collecting data through other means (e.g. data extraction, extrapolation, etc), please describe your progress to date and the relevant activities to be undertaken in the future

Providers are the primary source of all broadband availability data.  Secondary sources are used for verification.

10f. Please describe the verification activities you plan to implement
Wireless Validation - The District completed drive testing of major wireless providers.  Drive tests were completed in a single vehicle employing multiple laptops and GPS.

Wireline Validation
The District, through PSC, has made extensive use of FCC Form 477 data.  The Form 477 was used to: verify that we have contacted the correct providers; compare the technology of transmission and speed of transmission between what was reported to the FCC and what was submitted by the provider; Compare the geography reported to the FCC in census tracts with the areas submitted to the District in census blocks.  Finally, the District purchased a database of broadband subscribers from a commercial mailing list company InfoUSA.  The dataset is used to crosscheck data coming from providers.  Where discrepancies have been found, the providers were asked for more information.

10g. Have you initiated verification activities? ◉ Yes ◯ No

10h. If yes, please describe the status of your activities

The good news is all providers who claim to be providing citywide wireless service are providing it, and to that end DC will declare all providers who submitted service territories to be "valid" in tomorrow's data submittal.  That said, speed of service does drop below the definition of broadband, and does vary across providers, place, and time.

10i. If verification activities have not been initiated please provide a projected time line for beginning and completing such activities

N/A

## Staffing

10j. How many jobs have been created or retained as a result of this project?

3

10k. Is the project currently fully staffed?  ○Yes  ⊙No

10l. If no, please explain how any lack of staffing may impact the project's time line and when the project will be fully staffed

We will be adding contractors to assist with Web development. This has not effected data collection and processing, but has effected the deployment of DC's broadband Web site.

10m. When fully staffed, how many full-time equivalent (FTE) jobs do you expect to create or retain as a result of this project?

5

10n. Staffing Table

| Job Title | FTE % | Date of Hire |
|---|---|---|
| Senior DBA | 71 | 06/01/2010 |
| Broadband GIS Analyst | 100 | 04/01/2010 |
| Broadband GIS Analyst | 100 | 06/15/2010 |

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## Sub Contracts

10o. Subcontracts Table

| Name of Subcontractor | Purpose of Subcontract | RFP Issued (Y/N) | Contract Executed (Y/N) | Start Date | End Date | Federal Funds | In-Kind Funds |
|---|---|---|---|---|---|---|---|
| OST | Staffing | N | Y | 03/22/2010 | 09/30/2011 | 139,542 | 0 |
| Public Service Commission (PSC) | Broadband Provider Relations | N | Y | 02/02/2009 | 09/30/2011 | 69,569 | 0 |

Add Row          Remove Row

## Funding

10p. How much Federal funding has been expended as of the end of the last quarter?  $238,902          10q. How much Remains?  $3,802,914

10r. How much matching funds have been expended as of the end of last quarter?  $80,000          10s. How much Remains?  $1,264,536

10t. Budget Worksheet

| Mapping Budget Element | Federal Funds Granted | Proposed In-Kind | Total Budget | Federal Funds Expended | Matching Funds Expended | Total Funds Expended |
|---|---|---|---|---|---|---|
| Personal Salaries | $144,505 | $637,394 | $781,899 | $0 | $80,000 | $80,000 |
| Personnel Fringe Benefits | $31,791 | $90,088 | $121,879 | $0 | $0 | $0 |
| Travel | $0 | $0 | $0 | $0 | $0 | $0 |
| Equipment | $206,247 | $158,000 | $364,247 | $2,644 | $0 | $2,644 |
| Materials / Supplies | $125,000 | $0 | $125,000 | $0 | $0 | $0 |
| Subcontracts Total | $3,078,977 | $148,635 | $3,227,612 | $0 | $0 | $0 |
| Subcontract #1 | $0 | $0 | $0 | $139,543 | $0 | $139,543 |
| Subcontract #2 | $120,000 | $0 | $120,000 | $69,569 | $0 | $69,569 |
| Subcontract #3 | $0 | $0 | $0 | $4,550 | $0 | $4,550 |
| Subcontract #4 | $0 | $0 | $0 | $0 | $0 | $0 |
| Subcontract #5 | $0 | $0 | $0 | $0 | $0 | $0 |
| Construction | $0 | $0 | $0 | $0 | $0 | $0 |
| Other | $265,340 | $310,419 | $575,759 | $22,596 | $0 | $22,596 |
| Total Direct Costs | $3,971,860 | $1,344,536 | $5,316,396 | $238,902 | $80,000 | $318,902 |

| Mapping Budget Element | Federal Funds Granted | Proposed In-Kind | Total Budget | Federal Funds Expended | Matching Funds Expended | Total Funds Expended |
|---|---|---|---|---|---|---|
| Total Indirect Costs | $69,956 | $0 | $69,956 | $0 | $0 | $0 |
| Total Costs | $4,041,816 | $1,344,536 | $5,386,352 | $238,902 | $80,000 | $318,902 |
| % Of Total | 75 | 25 | 100 | 75 | 25 | 100 |

## Hardware / Software

10u. Has the project team purchased the software / hardware described in the application?    ⦿Yes  ○No

10v. If yes, please list

ESRI Software, Software for wireless drive testing have been purchased but were not invoiced by end of Q3.

10w. Please note any software / hardware that has yet to be purchased and explain why it has not been purchased

Computer servers have not yet been purchased because DC is moving them to the primary data center.  Temporary hardware has been provided.

10x. Has the project team purchased or used any data sets?    ⦿Yes  ○No

10y. If yes, please list

Broadband subscriber mailing list from InfoUSA Inc.

10z. Are there any additional project milestones or information that has not been included?    ○Yes  ⦿No

10aa. If yes, please list

N/A

10bb. Please describe any challenge or obstacle that you have encountered and detail the mitigation strategies the project team is employing

Our effort to hire a firm to help with broadband application development ran into procurement difficulties and the selection of the contractor was delayed.  That problem has now been resolved.

10cc. Please provide any other information that you think would be useful to NTIA as it assesses your Broadband Mapping Project

N/A

## 11. Broadband  Planning

11a. Please describe progress made against all goals, objectives, and milestones detailed in the approved Project Plan.  Be sure to include a description of each major activity / milestone that you plan to complete and your current status

DC has held two Community Broadband Summits. These are facilitated public meetings where businesses, non-governmental organizations and citizens meet to discuss digital divide issues and solutions.

DC has converted an old bus into a mobile computer lab.  The lab is now making visits to public housing, senior centers, and other sites where people often don't have computers or broadband access.

11b. Please describe any challenge or obstacle that you have encountered and detail the mitigation strategies the project team is employing

There are many good ideas, but the broadband summits are helping us focus.

11c. Does the Project Team anticipate any changes to the project plan for Broadband Planning?    ⦿Yes  ○No

11d. If yes, please describe these anticipated changes.  Please note that NTIA will need to approve changes to the Project Plan before they can be implemented

The mobile computer lab was not originally anticipated in the application.

## Funding

11e. How much Federal funding has been expended as of the end of the last quarter? $0     11f. How much Remains?     $0

11g. How much matching funds have been expended as of the end of last quarter?     $0     11h. How much Remains?     $0

11i. Planning Worksheet

| Planning Budget Element | Federal Funds Granted | Proposed In-Kind | Total Budget | Federal Funds Expended | Matching Funds Expended | Total Funds Expended |
|---|---|---|---|---|---|---|
| Personal Salaries | $0 | $0 | $0 | $0 | $0 | $0 |
| Personnel Fringe Benefits | $0 | $0 | $0 | $0 | $0 | $0 |
| Travel | $0 | $0 | $0 | $0 | $0 | $0 |
| Equipment | $0 | $0 | $0 | $0 | $0 | $0 |
| Materials / Supplies | $0 | $0 | $0 | $0 | $0 | $0 |
| Subcontracts Total | $0 | $0 | $0 | $0 | $0 | $0 |
| Subcontract #1 | $0 | $0 | $0 | $0 | $0 | $0 |
| Subcontract #2 | $0 | $0 | $0 | $0 | $0 | $0 |
| Subcontract #3 | $0 | $0 | $0 | $0 | $0 | $0 |
| Subcontract #4 | $0 | $0 | $0 | $0 | $0 | $0 |
| Subcontract #5 | $0 | $0 | $0 | $0 | $0 | $0 |
| Construction | $0 | $0 | $0 | $0 | $0 | $0 |
| Other | $0 | $0 | $0 | $0 | $0 | $0 |
| Total Direct Costs | $0 | $0 | $0 | $0 | $0 | $0 |
| Total Indirect Costs | $0 | $0 | $0 | $0 | $0 | $0 |
| Total Costs | $0 | $0 | $0 | $0 | $0 | $0 |
| % Of Total | 0 | 0 | 0 | 0 | 0 | 0 |

## Additional Planning Information

11j. Are there any additional project milestones or information that has not been included?

We believe DC's wireless drive testing is a model.

11k. Please describe any challenge or obstacle that you have encountered and detail the mitigation strategies the Project Team is employing

None.

11l. Please provide any other information that you think would be useful to NTIA as it assesses your Broadband Mapping Project

None.

| 12. Certification: I certify to the best of my knowledge and belief that this report is correct and complete for performance of activities for the purpose set forth in the award documents. | |
|---|---|
| 12a. Typed or Printed Name and Title of Authorized Certifying Official<br><br>Joseph  Carella | 12c.  Telephone<br>   (area code, number, and extension)<br><br>2027153743 |
| BTOP Program Consultant | 12d.  Email Address<br><br>joe.carella@dc.gov |
| 12b.  Signature of Authorized Certifying Official<br><br>Submitted Electronically | 12e.  Date Report Submitted<br>   (Month, Day, Year)<br><br>11-30-2010 |

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Performance Progress Report<br>
OMB Approval Number: 0660-0034<br>
Expiration Date:  08/31/2010
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