SCHOOL CONNECTIVITY INITIATIVE
Legislative Update

Prepared by

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Submitted to

Joint Legislative Oversight Committee on Information Technology

Joint Legislative Education Oversight Committee

Office of State Budget and Management

State Information Technology Officer

Fiscal Research Division

January 15, 2010

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FORWARD

Pursuant to *Session Law 2007-323 SECTION 7.28.(d)*, we offer this School Connectivity Initiative (SCI) Report. In this report we provide an update on SCI progress beginning January 6, 2009 and ending January 15, 2010. The core provision for the SCI is specified as follows:

SECTION 7.28.(b) As recommended in the Joint Report on Information Technology, February 2007, the State Board of Education shall contract with an entity that has the capacity of serving as the administrator of the School Connectivity Initiative and has demonstrated success in providing network services to education institutions in the State. The funds appropriated in this act shall be used to implement a plan approved by the State Board of Education to enhance the technology infrastructure for public schools that supports teaching and learning in the classrooms. The plan shall include the following components:

(1) A business plan with timelines, clearly defined outcomes and an operational model including a governance structure, personnel, e-Rate reimbursement, support services to LEA's and schools and budget;

(2) Assurances for a fair and open bidding and contracting process;

(3) Technology assessment site survey template;

(4) Documentation of how the technology will be used to enhance teaching in learning;

(5) Documentation of how existing State-invested funds for technology are maximized to implement the school connectivity initiative;

(6) The number, location and schedule of sites to be served in 2007-2008 and in 2008-2009; and

(7) Assurances that local school administrative units will upgrade internal networks in schools, provide technology tools, and support for teachers and students to use technology to improve teaching and learning.

EXECUTIVE SUMMARY

The NC State Board of Education approved the School Connectivity Initiative *Implementation and Operating Plan* on Thursday, August 2, 2007. The SCI program was managed through the NC ITS Enterprise Project Management Office supervising projects that gained initial EPMO approval in September 2007. Within the SCI program were five individual projects addressing **Connectivity, Core Services, Collaboration, Organization, and Funding.** All five projects were completed in 2009 and produced the following deliverables:

- All 115 Local Education Agencies (LEAs) connected to MCNC's North Carolina Research and Education Network (NCREN)

- Establishment of Client Network Engineering Services for LEAs

- Establishment of E-Rate Filing Assistance Bureau

- Development of a Technology Master Plan

- Development of Governance and Funding Plans

The budget for FY2009 was $22,000,000 and $4,433,508 in FY2008 carry-over, totaling $26,433,508. Expenses were $18,311,576.23, which was lower than expected due to LEAs taking longer to connect to NCREN than initially planned. Authorized carry-over for FY2009 expenses was $3,104,136 with the remaining being reverted as directed.

Staffing headcount remained steady though eliminating the project manager position in August 2009 and filling the open network specialist position in September 2009.

The FY2010 budget is $22,793,590 and expenses are in line with projections as of the date of this report.

For 2010, the School Connectivity Initiative plans to achieve the following goals:

- Work with MCNC, ITS, and LEAs to identify fiscally self-sustaining network-centric products and services such as content filtering, managed firewall, and directory services.

- Further assist LEAs in developing strategic technology plans to support 21st Century Learning.

- Increase participation by, and support for, Charter Schools.

PERFORMANCE OVERVIEW

The School Connectivity Initiative (SCI) has five areas of focus: **Connectivity, Support Services, Collaboration, Organization, and Funding**.

In 2009, the Initiative realized all 115 LEAs being connected to the NCREN network, assistance in obtaining over $63M in e-Rate federal funds, network-related technical assistance to 48 LEAs.

1. ESTABLISH A SHARED EDUCATION BACKBONE THAT PROVIDES FOR K-12 **CONNECTIVITY**

- All 115 LEAs have been connected to NCREN and are now part of the education connectivity backbone.

- The SCI team leveraged statewide carrier contracts managed by ITS to accommodate the connection of the LEAs. NC ITS manages contracts with AT&T, Embarq, and Time Warner Cable. In general, AT&T is awarded connectivity business in their footprint, Embarq is awarded business in their footprint, and Time Warner Cable is awarded business in their footprint when it does not overlap with either AT&T or Embarq. For LEAs that do not have access to one of the state contract carriers, the SCI team negotiated new arrangements. In addition to AT&T, CenturyLink/Embarq, and TimeWarner, the SCI team has established relationships with:

  - DukeNet
  - e-Polk
  - Broadplex
  - French Broad EMC
  - Country Cable
  - Conterra Networks
  - Balsam West
  - ERC Broadband
  - Cox Cable
  - Charter Communications
  - Clarity Communications

- To assist with implementation of services, as well as the ongoing need of information sharing, NCREN developed and deployed an initial online measurement and monitoring resource for K12 connectivity accessible at http://tools.ncren.net/k12/   A collaborative information portal for the for the K12 community has also been established and is available at http://edspace.mcnc.org.

- The SCI program also invested over $280,000 during FY2008-2009 to advance connectivity in specific LEAs and regions. These one-time distributions were aligned with the *School Connectivity Implementation and Operating Plan* approved by the NC State Board of Education in August 2007. The methodology for determining the locations for investment during the FY08-09 was based upon connectivity need relative to the blueprint established by the SCI engineering team, informed by data collected during the planning phase of the SCI program, and prioritized based on equity factors. Some high priority districts have been scheduled for one-time investments in the FY09-10 due to telecommunications contract terms (though in some cases we may recommend buying out a long-term contract). Also, there are a number of high priority districts where we are concurrently making connectivity investments by leveraging Golden Leaf Foundation grants (particularly in the northeast region of the state). In general, one-time distributions support investments in 3 categories: (1) service provider installation charges for (typically fiber-based) E-rate eligible services; (2) fiber builds to connect schools in areas where no comprehensive fiber services exist; (3) network infrastructure investments that support other state school technology programs (e.g., wireless support for 1to1 laptop pilots and deployments).

- The NCREN network performance has averaged 99.6% uptime across all 115 LEA connections, which is above expectations. LEA Technology Directors have communicated with SCI staff how impressed they have been with the NCREN staff in response times to network incidents as well as answering their questions.

2. PROVIDE AN OPT-IN **SERVICES** MODEL THAT INCLUDES A COMPREHENSIVE SET OF CORE SERVICES SUPPORTING RELIABLE, HIGH-BANDWIDTH CONNECTIVITY INCLUDING CENTRAL E-RATE AND ENGINEERING SERVICES AS WELL AS VALUE-ADDED NETWORK SERVICES OFFERED TO IMPROVE OPERATIONAL EFFICIENCY WITHIN AND AMONG LEAs.

- The E-rate Support Service is a function of the NC DPI Technology and Information Service area. In FY2008 the SCI team managed a competitive bid for an E-rate services provider contract, supported the hiring and initial training of the new state E-rate coordinator at DPI, and provided E-rate training and support services to LEA's. The SCI team facilitated focus groups and planning sessions and ultimately developed the NCREN backbone E-rate strategy based on input from E-rate Central and from a group of LEA advisors. In FY2009, two regional E-rate specialists were hired to directly assist the public schools in the state with the E-rate filing process. We have also retained E-rate Central, a nationally recognized leader in E-rate consulting and services, to support our E-rate Support Service functions and act as a subject level expert under the management of the DPI Connectivity Services Manager.

  - In the Fall of 2008, the E-rate support service provided regional E-rate training that

was made available to all public schools. In 2009, this service was expanded to on-site consulting, FCC review assistance, and audit support as well as "pre-audit" visits.

- With assistance from E-rate Central, the E-rate Support Service posted E-rate competitive procurement (470) forms soliciting bids for telecommunications transport connections between LEA central offices and the NCREN backbone.

- For FY2009, The E-rate Support Service renewed an MOU between NC ITS and NC DPI to enable the application of state telecommunications contracts in accordance with federal E-rate guidelines.

- The Network Consulting Service was established to assist public schools with technical engineering and consultation services. In FY2008, a statement of work for the Network Consulting Service is captured in the NC ITS-MCNC agreement, *SOW2 – Client Network Engineering and Support Services*.

- Based on the NC ITS-MCNC SOW2 agreement, in FY2008 MCNC hired a Client Network Engineering Lead and two network engineers as the initial support team for the network consulting service.

- In 2009, the NC DPI Technology and Information Services area hired a technical consultant to assist public schools with technical planning and consultation and to work closely with the support team represented by the statement of work with MCNC bringing the total number of DPI technical consultants to two. This addition to the Connectivity Services staff will help regionalize the network support and bring added capacity to this endeavor.

3. IMPLEMENT A COMMUNITY-DRIVEN **COLLABORATION** MODEL

In FY2009 the SCI team completed the implementation phase of the SCI plan. The SCI implementation required collaboration with leadership teams in every NC LEA, with a large contingent of telecommunications service providers, and with policy makers. As such, the SCI team attended regional and state gatherings of technology directors, technicians, instructional technologists, superintendents, and legislators. During these gatherings SCI team members presented status reports, collected input, and collaborated on logistical issues.

In addition to our participation in stakeholder gatherings around NC, the team built and maintains an information website that shares general project information, presentations, memoranda, information packets, and frequently asked questions.

- The SCI team also convened working groups comprising LEA technical directors to vet and develop plans for E-rate services and connectivity funding allocation.

4. DEVELOP AN EFFECTIVE AND EFFICIENT OPERATING **ORGANIZATION**

- **During FY 2008, NC DPI entered into two statements of work with NC ITS who in turn entered into contracts with MCNC to deliver connectivity and supporting services. These contracts were amended in FY 2009 for increased support of Charter Schools.**

- The SCI team has developed a set of recommendations related to effective and efficient organization and governance. In short, the NC DPI Connectivity Lead serves as the advocate for the LEAs, the business officer for the SCI budget, and the policy interface to oversight groups. The DPI Connectivity Lead is accountable to the NC State Board of Education and acts as agent of the SBE in providing required annual reporting to legislative oversight groups.

5. SUSTAIN THE OPERATION LEVERAGING MYRIAD **FUNDING** RESOURCES INCLUDING STATE, FEDERAL, LOCAL, AND PRIVATE SECTOR.
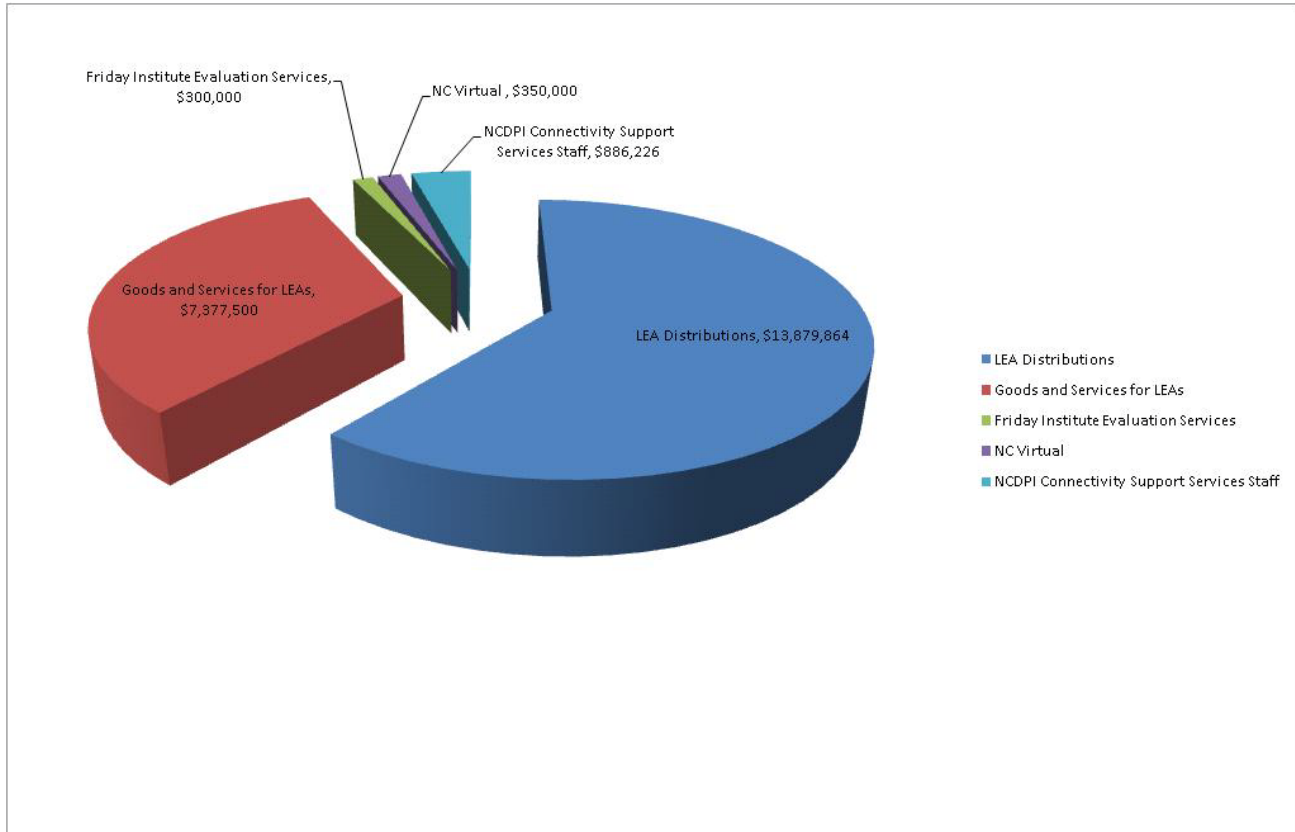
- The NC DPI provided FY2008 connectivity distributions to all LEAs in February 2008. The SCI team provided the DPI finance office with allotment amounts for all LEAs that were based on a process vetted by the LEA community. The SCI team developed an SCI MOU packet as part of the distribution process. The MOU packet included:

  o An MOU defining the appropriate use and distribution terms to provide the "assurances" specified in the special provisions of SL2007-323 Section 7.28.(b) and 7.28.(c).

  o A letter of agency (LOA) allowing the state to file consortium E-rate documents conterminous with the contracts and agreements provided by ITS and MCNC

  o Instructions to provide contract and invoice materials for verification purposes

- The NC DPI provided FY2010 connectivity distributions to most LEAs in October 2009.

- The E-rate support service assisted many LEAs and Charter Schools with the process of E-rate filing and audit processes. During FY2009, North Carolina applied for over Fifty-Eight million dollars in E-rate discounts for Internet and telecommunication services.

CONNECTIVITY STAFF SALARY REPORT

The following are NCDPI staff paid from School Connectivity Initiative funding and their respective salaries *Session Law 2007-323 SECTION 7.28.(g)*:

TITLE OF POSITION AND DESCRIPTION OF DUTIES	SALARY AMOUNT
Network Analyst *DPI Project management interface for the EPMO and ITS*	$80,145
Network Analyst *Technical Consulting and planning services for LEAs*	$74,000
Education Program Administrator I *Assist Public Schools with E-rate Process*	$70,450
Education Program Administrator I *Assist Public Schools with E-rate Process*	$70,000
Program Assistant V *Administrative assistance for School Connectivity Project*	$37,510

SCI BUDGET SNAPSHOT

Friday Institute Evaluation Services, $300,000

NC Virtual , $350,000

NCDPI Connectivity Support Services Staff, $886,226

Goods and Services for LEAs, $7,377,500

LEA Distributions, $13,879,864

- LEA Distributions
- Goods and Services for LEAs
- Friday Institute Evaluation Services
- NC Virtual
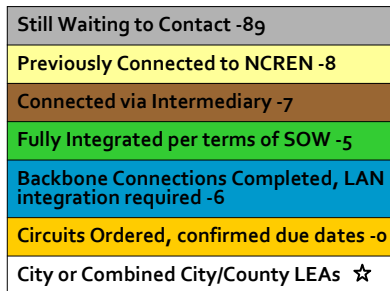- NCDPI Connectivity Support Services Staff

*Chart reflects carry forward from previous year's budget.

SUPPORTING DOCUMENTS

The remainder of this report provides supporting documentation and is organized as follows:
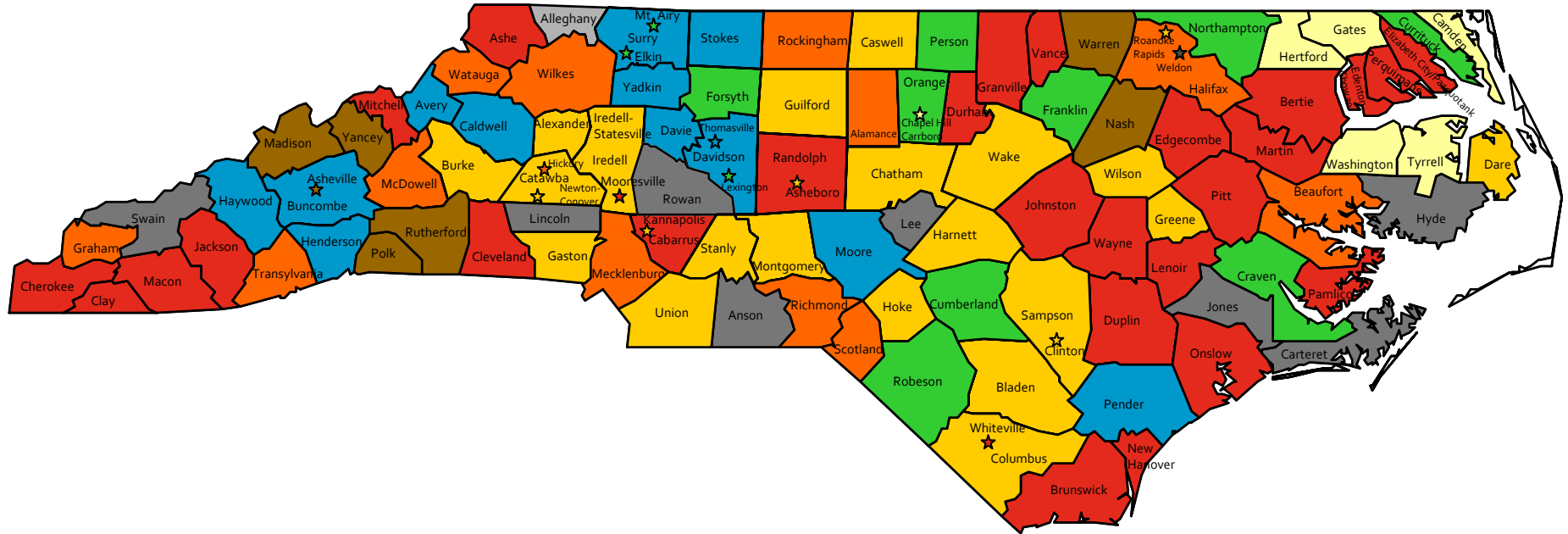
1. **Connectivity Tally Maps** provided by MCNC showing the progress of the K12 connections to the NCREN backbone.

2. **Project Status Report** generated from the NC ITS project management tool on January 6, 2009. This report is based on the "Establish K12 Common Network" project that is the primary EPMO-managed project for the SCI.

3. **A Project Status Report** generated from the NC ITS project management tool on January 6, 2009. This report is based on the "K12 Core Services" project that is part of the overall Connectivity project that is EPMO-managed project for the SCI.

4. **A Project Status Report** generated from the NC ITS project management tool on January 6, 2009. This report is based on the "K12 E-rate Support Services" project that is part of the overall Connectivity project that is EPMO-managed project for the SCI.

5. **A Project Status Report** generated from the NC ITS project management tool on January 6, 2009. This report is based on the "K12 Network Consulting Services" project that is part of the overall Connectivity project that is EPMO-managed project for the SCI.

6. **The E-rate Monthly report** dated January 4, 2010 provides historical details of the funding that has come to the state of North Carolina as a result of the E-rate program.

LEA Connectivity Tally

May 1, 2008

Legend:

Still Waiting to Contact -89	
Previously Connected to NCREN -8	
Connected via Intermediary -7	
Fully Integrated per terms of SOW -5	
Backbone Connections Completed, LAN integration required -6	
Circuits Ordered, confirmed due dates -0	
City or Combined City/County LEAs	☆

LEA Connectivity Tally

July 4, 2008

Legend:

- Contact Initiated, Awaiting Response -10
- Previously Connected to NCREN -6
- Connected via Intermediary -7
- Fully Integrated per terms of SOW -12
- Backbone Connections Completed, LAN integration required -13
- Circuits Ordered, confirmed due dates -25
- Circuits Ordered, awaiting due dates -13
- Project Dialogue Occurring -29
- City or Combined City/County LEAs ☆

LEA Connectivity Tally

September 5, 2008
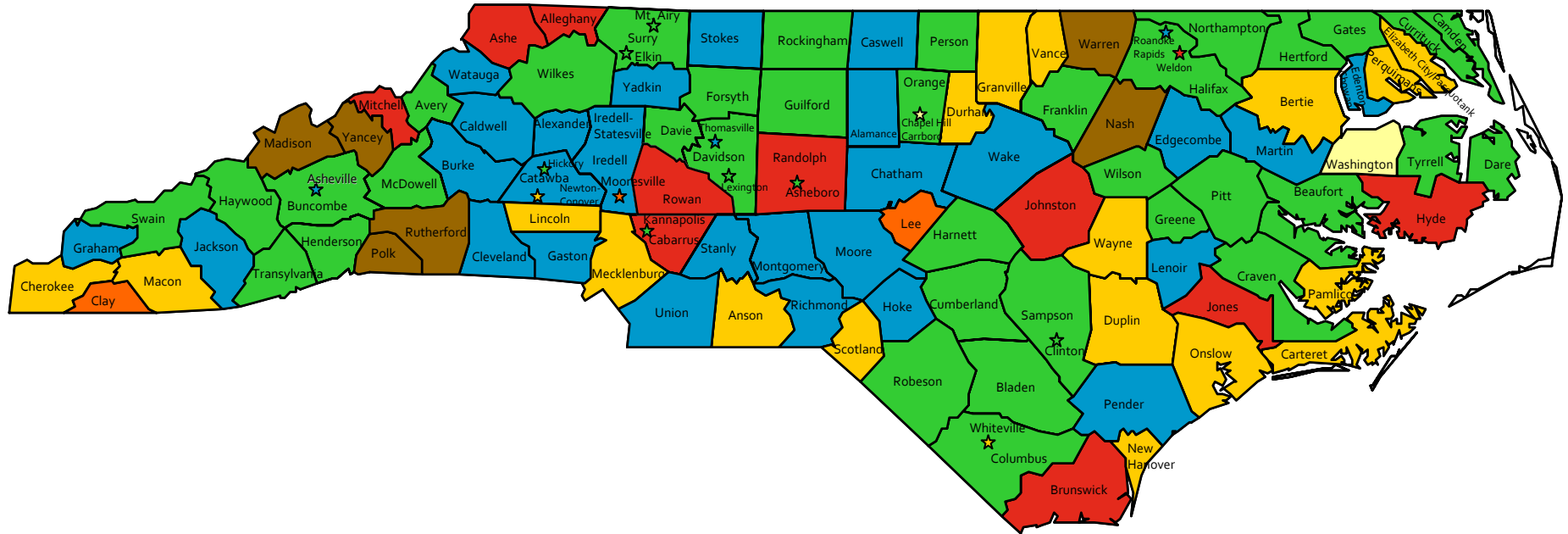
Legend:

- Previously Connected to NCREN -2
- Connected via Intermediary -6
- Fully Integrated per terms of SOW -43
- Backbone Connections Completed, LAN integration required -30
- Circuits Ordered, confirmed due dates -20
- Circuits Ordered, awaiting due dates -3
- Project Dialogue Occurring -11
- City or Combined City/County LEAs ☆

LEA Connectivity Tally

November 7, 2008

Previously Connected to NCREN -2	
Connected via Intermediary -6	
Fully Integrated per terms of SOW -72	
Backbone Connections Completed, LAN integration required -19	
Circuits Ordered, confirmed due dates -6	
Circuits Ordered, awaiting due dates -7	
Project Dialogue Occurring -3	
City or Combined City/County LEAs ☆	

LEA Connectivity Tally

January 2, 2009

Legend:

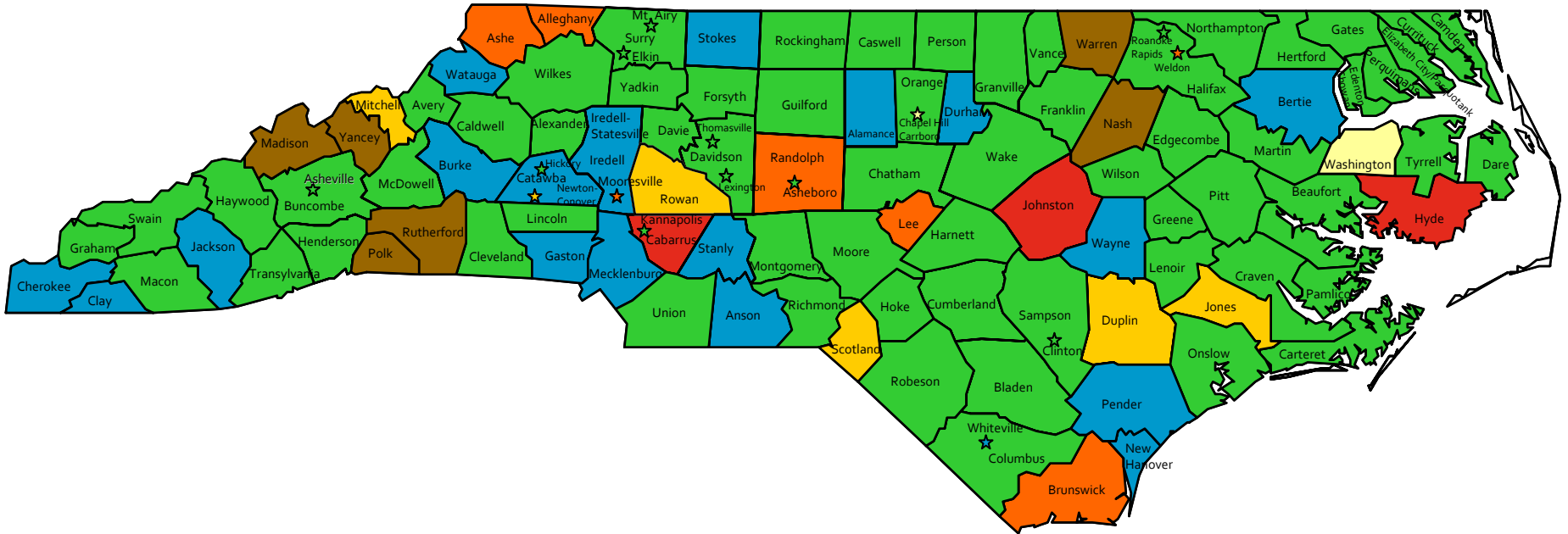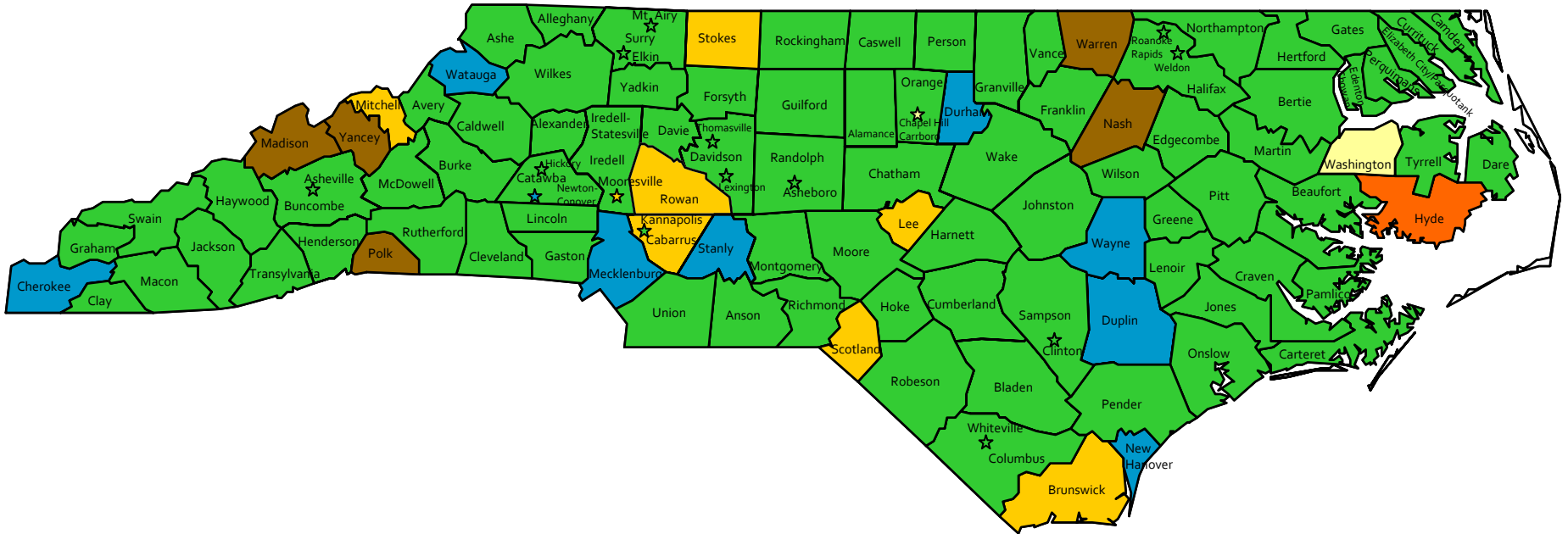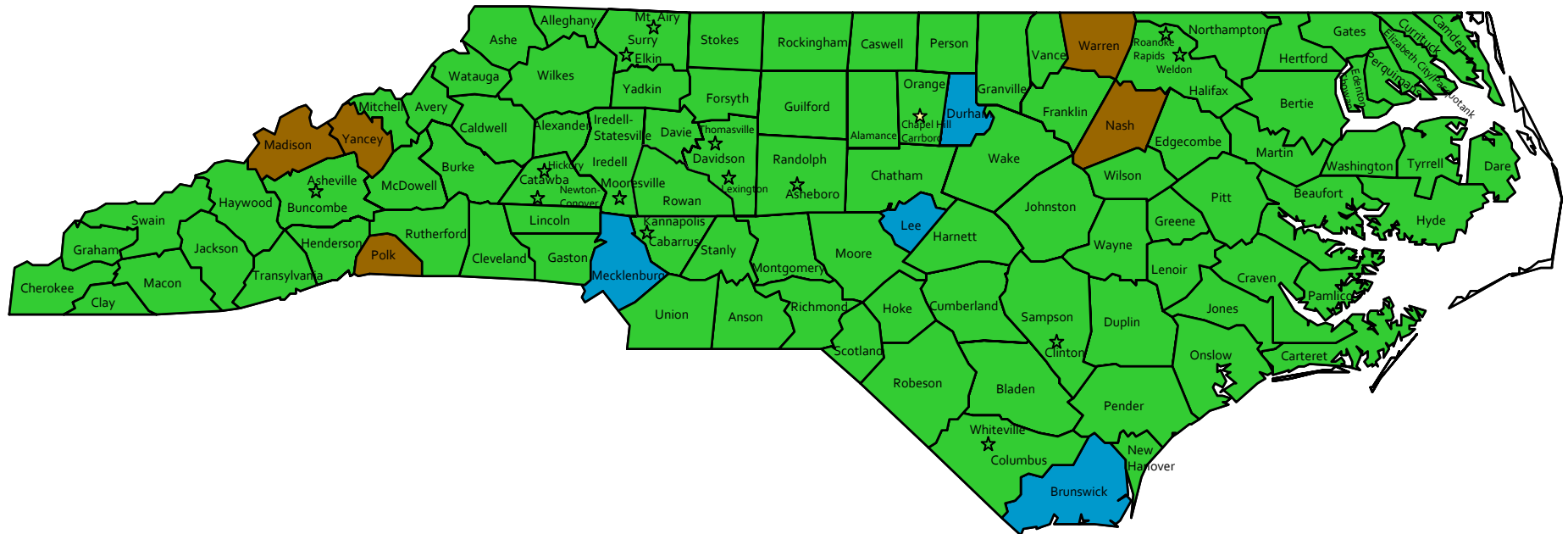|	
Previously Connected to NCREN -2	
Connected via Intermediary -5	
Fully Integrated per terms of SOW -90	
Backbone Connections Completed, LAN integration required -9	
Circuits Ordered, confirmed due dates -8	
Circuits Ordered, awaiting due dates -1	
City or Combined City/County LEAs ☆	

LEA Connectivity Tally

March 6, 2009

Legend:

- Previously Connected to NCREN -1
- Connected via Intermediary -5
- Fully Integrated per terms of SOW -105
- Backbone Connections Completed, LAN integration required -4
- City or Combined City/County LEAs ☆

LEA Connectivity Tally

May 29, 2009
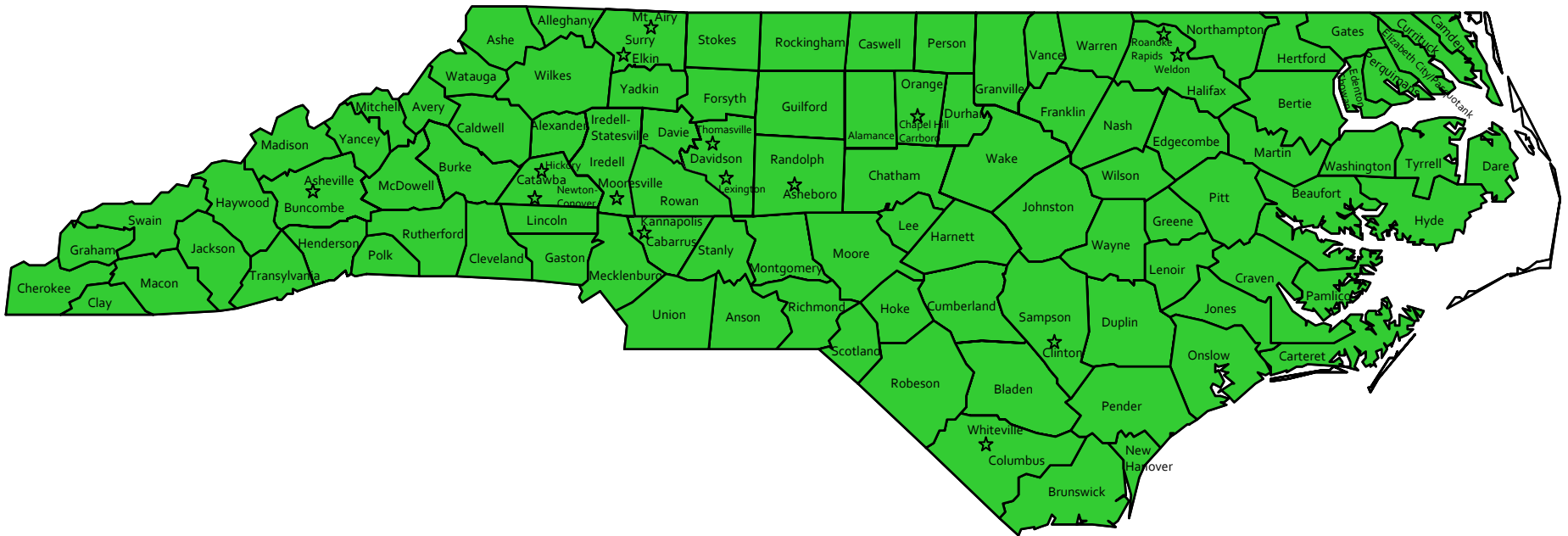
Fully Integrated per terms of SOW -115

City or Combined City/County LEAs ☆

Project Status Report

Reporting Date: 1/13/2010

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Snapshot Name - July 2009

Detailed Indicators

Project Name	Overall	Project Funding (TCO)	Phase Cost	Project Scope	Phase Milestones	Project Staff Utilization	Project Issue and Risk Management	Monthly Status Reporting	Previous Overall	
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Actual Start Date	Actual End Date	% Cost Complete	% Work Complete	% Schedule Complete	Workflow Status
8/2/2007	6/30/2009	32 %	0 %	100 %	Complete

Overall	
🟢	7/10/09 BG: 115 of 115 LEA connected. 7/2/09 BG: 114 of 115 LEAs connected (may status) Final LEA on track to complete by 6/15/09 5/8/09 BG: 113 of 115 LEAs connected. Last 2 physical implementation slowed due to geography (mountains). 4/13/09 BG: 113 of 115 LEAs now connected. Last 2 (Madison & Yancey are on track to be completed by 23rd of April 09. 3/2/09 BG: 109 of 115 LEAs now connected. LEA that had scheduling issues due to possible data center moves addressed and back on track. 2/2/09 BG 108 of 115 LEAs now connected. O&M budget variance identified and issue logged titled "O and M cost adjustment" 1/8/09 BG: 106 of 115 LEAs now connected. Contract amendment reported complete by ITS. Remaining 9 LEAs to connect are at 5/9 accounted for with ETA date. Other 4/9 awaiting install time from vendor or final document delivery. 12/1/08 BG: 100 of 115 LEAs now connectived. ITS & MCNC have identified at least 6 LEAs that would not make 31 December 2008 connection date. CR was submitted for 90 day extension to Implementation phase and approved by sponsor. Budget, Cost forecast and schedule items have been realigned to match. Net impact of $5607 to project. ITS is performing contract amendment with MCNC for performance period update. 11/3/08 BG: 97 of 115 LEAs now connected. Corrective action plan continues to be worked by ITS & MCNC. 10/11/08 BG: Corrective action plan delivered from ITS PM and accepted by sponsor and PM. Delivery back on track with 92 of 115 LEAs now connected. SOW1 connection terms clarified with all key delivery team leaders as well. Friday Institute delivered a large amount of document deliverables as well. 9/10/08 DPI-PM: ITS PM is reporting some delays with 'go live' dates and requested corrective action plan from MCNC. 9/1/08 had 90 connections due with 78 completed IAW SOW1 and 26 awaiting provider turn-on. 8/8/08 DPI-PM: ITS PM is reporting some delays with 'go live' dates, however anticipates 89 of 90 targeted LEA's to meet projected timeline. 7/7/08 DPI-PM: Project is proceeding well. Our timeline may not always align with LEA prioritites. Therefore, (+or -) 2 to 4 week variance on connection dates will be routine. EPMOQA: 07/17/09: This network infrastructure initiative, part of the School Connectivity program, was approved for Planning and Design phase activities on August 14, 2007. The project was approved for Execution and Build phase activities on February 16, 2008. The project was approved for Implementation phase activities on June 19, 2008. EPMOQA: 07/17/09: INITIAL: The project had a total investment cost (TCO) budget of $56,404,501 with a planned completion date of

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Snapshot Name -   July 2009

| | June 30, 2008. Implementation was expected to cost $1,404,501.

EPMOQA: 07/17/09: BASELINE: The project had a baselined TCO budget of $56,404,618. The project was expected to deliver seven (7) business functional requirements by July 31, 2008 at a cost of 12,747 hours and $1,404,618.

EPMOQA: 07/17/09: REVISED: The project had a revised TCO budget of $25,153,101. Revised Implementation costs were expected to be $2,776,959. The project expected to deliver seven (7) business functional requirements within the revised planned completion date of June 30, 2009.

EPMOQA: 07/17/09: PERFORMANCE: The project was within budget in hours (zero (0) variance) and slightly over budget in dollars ($415 or less than 1%). The project had a revised budget of 11,828 hours and $2,776,959 with actual costs of 11,828 hours and $2,777,375. The project completed the delivery of seven (7) business functional requirements on July 10, 2009.

EPMOQA: 07/17/09: The project remains 99% complete and is 100% complete with Implementation phase activities that had a revised planned completion date of June 16, 2009.

EPMOQA: 07/17/09: Project status reporting is complete. |
|---|---|
| Project Funding (TCO) | EPMOQA: 07/17/09: The project was fully funded. |

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Snapshot Name -   July 2009

Phase Cost	4/17/09 BG: Implementation phase costs corrected. Hours variance is based on the 2 approved CRs filed previous.
	10/11/08 DPI-PM BG: $75,000 cost not entered for months of July & Aug in error for MCNC internet services. These have been entered now and costs are corrected.
	5/4/08 DPI-PM JTB: Note that The E&B phase is complete and $190K under budget. This offsets the $180K we were over budget in the P&D phase. The additional $10K savings was realized from the reduced volume of travel at this time.
	4/25/08 DPI-PM JTB: As previously noted the variance between the P&D and E&B phase is beginning to balance out as expected..
	3/3/08 DPI-PM JTB:The correct number is $428,468. As directed by the PMA that the P&D phase would be extended from ending 11/30/07 to 12/31/07. A CR was submitted and approved for this action; however, there was no money entered in the cost breakdown thus the budet was not changed. The project was submitted for move to E&B phase in January. If you move 178,845 budget from E&B to P&D for December as I did, the total is $607,312. This created a cost variance of +178,845 for P&D and will create a cost variance of -178,845 for E&B. I am working with the PMA to create a CR for this action.
	2/21/08: DPI-PM-JTB: I was instructed by the EPMO & Finance folks that we should not be reporting the $45M in the PM tool for the reoccurring fund that are being distributed to LEA's. The PMA and I will work together to create a CR to remove these funds from cost tracking.
	DPI-PM: 10/17/07: There were very minor adjustments to internal hourly cost due to a more accurate billable rate provided by finance.
	EPMOQA: 07/17/09: The project was within budget in hours (zero (0) variance) and slightly over budget in dollars ($11,214 or less than 1%) for Implementation phase activities that had a revised planned completion date of June 16, 2009. The Implementation phase of the project has a revised budget of 3,545 hours and $1,701,232 with actual costs of 3,545 hours and $1,712,446.
Project Scope	DPI-PM: 12/18/07; I have made additional adjustments to Cost/Benefit projections based on the E-Rate Director savings projections and projected cost of Backbone support. These numbers will be more clear at the end of year 1 as statewide support contracts are finalized.
	EPMOQA: 07/17/09: The project achieved full-function scope delivery for seven (7) business functional requirements.
Phase Milestones	EPMOQA: 07/17/09: The project has provided workflow phase milestones and key project deliverables. All milestones and key project deliverables have been achieved.

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Snapshot Name -   July 2009

Project Staff Utilization	DPI-PM: BG 7/17/09 Hours calculation error corrected and issues entered resolved related to same.
	DPI-PM: BG 10/12/08: hours verified and validated as requested and addressed specifically in issue relating to same item.
	EPMOQA: 07/17/09: A project staff resource utilization assessment cannot be completed until Implementation phase hours (both plan and actual) are verified and validated.
	EPMOQA: 07/17/09: The project was within the staff resource utilization plan in hours project to date (zero (0) variance).
	2/21/08 DPI-PM JTB: Their is currently an indication of 178K variance for P&D phase. This is due to P&D phase being extended by one month. This is simply shifting hours from E&B to P&D. There is know increased cost or extension of project deadline. The PMA has asked that we work together to create a CR for this change after the Dec status report. Note that I have also remove 45M from the O&M for funds being transfered to the LEA's. This was also directed by management and the PMA has also offered to assist with this CR after this status report.
	DPI-PM 11/16/07: Phase to date and actual hours are accurate and align with Financials and staff plan/pony blanket.
Project Issue and Risk Management	3/3/08 DPI-PM JTB: The PM has applied action plan descriptions and due dates for all open issues.
	EPMOQA: 07/17/09: The project has provided corrective action plans for all identified issues.
Monthly Status Reporting	7/2/09 DPI-PM BG: Status filed for May 09
	3/26/08 DPI-PM JTB: I am completing the February Status report today in an effort to get the monthly reporting back on schedule.
	3/3/08 DPI-PM JTB: The December report is completed. I am now submitting January status and will immediately follow with February status. I am working with the PMA to make PM Tool adjustments due to the administrative delays.
	EPMOQA: 07/17/09: The project is reporting June 2009 data. Project status reporting is complete.

Project Information Section

Project Name	Ù&@[|ÁÔ[}}^&ãçãĉÁÁÒ•cæà|ã̃@å©ÁSFGÁÔ[{{[}ÁP^ç[¦\		
Start Date	8/2/2007	End Date	6/30/2009
Creation Date	7/29/2007	Workflow Status	Complete
Fixed Start Date		Fixed End Date	
Benefits Start Date	7/31/2008	Capitalization Months	60
Project ID	DPI0769	Priority	

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Snapshot Name -   July 2009

Project Information Section

Project Range	$500,000 - $3,000,000	Proj. Range Level of Confidence	75-100%
Type of Project	Infrastructure	Budget Code	100040947824
Initiation Phase Cost	4663	Planning Phase Cost	428468
Department or Agency	Public Instruction, Department of	Project Manager Telephone	919-807-3023
Division	Technology Services	Project Security Contact	Robin Burley
Project Manager Name	Beau Garcia	Project Sponsor Organization	Technology Services
Project Manager Email	bgarcia@dpi.state.nc.us	Project Sponsor	Ed Chase

Initiation Phase

Project Definition

Project Goals	The Project goals are: Connect 115 LEA's to the NC Education Network Connect 8 Charter Schools to the NC Education Network Connect 3 Governors Schools to the NC Education Network Perform Prioity One K12 school LAN Health Assessments Establish Nework Monitoring Service to LEA's as they are joined to the NC Education Network Connect the K12 Schools to the LEA hubs as they join the NC Education Network Deploy the 4 approved Connectivity Pilots encompassing the identifed 23 LEA's
Project Deliverables	˝ÁÚ¦[çã̃^ÁŠ̌ŒĐ̃Á̈æ•^••{[^}ơÁ^•ˇ|ơ Ḛ̃̈æ̧̀â̧•ã̃ Ḛ̃̈æ̧̀åΛ^&[{{[^}å̧̀æœ̧̃}•Á[¦ÁÙ&@|[|ÁÔ[}}^&ãçãĉ ÁQ̧̀]|^{[^}œœ̧̃}È ˝ÁÒ^}|[[[ˇ Á̈æ̧̀]]¦ç^åÁÔ[}}^&ãçãĉ ÁÚã̧[ơÁ̧ @æ̧̀@å̧̀}•ã̃ơÁ̧ -ǍG-ÁŠ̌Œ̌Œ̃Á̧3^^Áã̃ơÁ̧Á̧[]][•^åÁ̈æœ̂*ˆ D ˝ÁÒ•æœ̃|ã̃ @Á̈æœˆ̧̧ ã̃^&æ̧̀|ã̃ |Á̧8{[}cæ̧̀8orÁ̧[¦Á̈[&æ̧̀æ̀&&^••Á̧B̃å̧̀c^¦&[}}^&ã̧̀}Đ^^¦ã̃ * ˝ÁÒ•æœ̃|ã̃ @Á[{{[}Á̈^¦çã̀8^Á̧^ç^|Á̈æˈ̇|^^{[^}ơ Á̧ ã̃ @Á̈æœ̧̀Á̧ ã̃^Á̧^¦çã̧̀8^Á̧¦[çã̃^¦• ˝ÁÀÄⅥ]*¦æ̧̀å^Á̌ ŒⅣ•Á̧-Á̧-Á̧}å^¦•^¦ç^å̧̀ŠŎĊⅢ̃Á̧ @¦^Á̧ÁÁ̂æ ã̃|^Á̈æ̧̀ Á̧ã̃^}ã̃ã̃ å̧̀Ḁ̃ Á̧c@̃ ÁŠ̌ŒⅢ̃ÁP^æɸ̧̀c@ÁŒⅢ•^••{[^}ơ ˝ÁÀÄⅥ]*¦æ̧̀å^Á̧c@̃ Á̈å̧̀ ˘&æœ̧̀|Á̧^ç̧̀[¦\Á̈æ̧̀ Á̧^&••æŝ̂Á̧[Ä̧̀å̧̀c^¦&[}}^&ã̃ Áã̃ @̃[&æ̧̀Á̂^¦çã̧̀8^Á̧¦[çã̃^¦• Ḛ̃̈c@̃ ÁŠ̌ŒⅢ̃Á̧ÁǑ̧Ú•Ḛ̃̈æ̧̀ Á̧å̧̀Λ•¦ã̃^}ㄍ̧æ̈Ⅼ̧̀ÁⅢⅤ• æ̧̀ å̧̀å̂̀&æ̧̀•ã̧̃æ̧̀|}ÁŠ̌ŒⅢ̃Á̧[Äc@̃ Á̧å̧̀ ˘&æœ̧̀|Á̧^ç̧̀[¦\Á̧ @¦^Á̧^æ ã̃^ ˝ÁÒ^ç^|[[]Á̈æ̧̀ å̧̀å̧̀Λ^]|[ˆ̧̀å̈æ̧̀Äˇ̀ •æ̈æ̧̀æ̧̀|^Á̧ ^æˇ̇̇|^{[^}ơÁ̧¦[&••Á̧ÁÁ̈^æ̧̀ã̀ ã̃ *˜|Á̈æ̧̀å̧̀å^¦]^æœ̧æ̧̀|^Á̧ ¦^¦{[{ æ̧̀ 8^Á̈æ̧̀æ̧̀•ã̃^Á̧-Á̧-Á̧&@[| &[}}^&ãçãĉ

Project -   Ù&@![|ÁÔ[}}^&cãçãĉ Á ÁÔ•cæà|ãï @Áĉ@ ÁŚFGÁÔ[{ { [}ÁP^ç̖ [!\

Snapshot Name -   July 2009

Initiation Phase

Proposed Strategy	″ÁÔ•cæà|ãï @ÁæĉA @æ^åÁ^åˇ &ææḋ }Áuæ&\à[}^Áĉ@æ¶Á ![çãã^•Á![ÁŚĔFGÁ&[}}^&cãçãĉ
	″ÁÁ∨̖|æḋ•ãṯḋ }ÁŚÒÒŒ̖A[Áãã^¦Ëã̖æ^åÁ̖ ãã^Áæë^æḋÁ^ç̖ [!\Á[|˘cḋ|•Áˇ &@Áæë Á̖^ḋ[̊Ë0ç@¦|}^oÁ̖ @¦^Á́^æ̖ãã|^
	″ÁÁQ̖ç^¦&[}}^oÁ|{ &æḋÁ̖Cæ̖oÁ̖ ãã^D́Á^¦çã8̖^Á|̖[çãã^¦•Á̖æḋ åÁ́̂*ãḋ }Áæḋ/ÁÁQ̖ç^¦&[}}^oÁ^¦çã8̖^Á|̖[çãã^¦•ÁÁ̖Q̖U•D
	″ÁÔ•cæà|ãï @Á̖[{ { [}Á̖^¦çã8̖^Á̖ç^¦|̖æë̖!^^{ ^}oÁ̖́ ãã̖@Áæë Á̖ã^Á^¦çã8̖^Á̖ ![çãã^¦•
	″ÁÁQ̖ãããæ^Áã̖ã^Á̖ç̖ã ãḋ̖ ã^[Á̖Á̖•̖ |̖!^ÁæëÁ̖@¦|̖* @ÁÒ̖0ÁÁ̖Q̖Ọ|̖̖ç^Á̖Á̖Ś[&ædÁÒ̖0E̖^ædÁP^ç̖ [!\ÁŚ̖0E̖P̖D̖&[}̖aãˇ|ææ̖}̖•Áæ̖ åÁ̖æ̖•̖^•̖{ ̖^}̖ơÁæ̖^
	]^¦̖Ë{ ¦̖{ ̖å̖Áæ̖ĉ̖A̖&@̖[|̖Á̖æ̖æ̖&ã̖ãã̖æï•Á̖Á̖ˇ ̖ãã̖ ̖*̖Á̖^ç̖ [!\Á̖&̖{ }̖}̖^&cãçãĉ ÁŚ̖∨̖@̖Á̖^•̖ˇ |̖cã̖ ̖*̖Áæ̖^•̖^•̖{ ̖^}̖ơÁ̖̖ ã̖|Áæ̖•̖)̖æ̖ĉ̖:̖Ëå̖Á̖æ̖)̖å
	!^&̖[{ { ̖^}Á̖æ̖æ̖ḋ }̖•̖Á̖Á̖|̖çãã̖Ë̖å̖Á̖Á̖•̖Ë̖!^Á̖æ̖)̖Á̖ˇ ̖ˇ ̖ãã̖æ̖|̖^Á̖æ̖)̖å̖Á̖~̖ã̖ã̖}̖oÁ̖Ċ̖ḋ @Áæ̖)̖æ̖Á̖^ç̖ [!\Á̖æ̖&̖&̖•̖•̖Á̖Ś̖FG̖Á̖&̖@̖[|̖•̖Á̖!̖Áæ̖)̖Á̖^̖*̖æ̖Ë̖ã̖*̖
	^å̖ˇ &̖æ̖ḋ }̖æ̖Á̖æ̖ç̖]̖^¦̖ãã̖ }̖&̖^Á̖@̖&̖æ̖eÁ̖^Á̖æ̖ë^̖•̖ÁPÔÁ̖Ś̖0̖E̖Œ̖c̖|̖A̖&̖[{ ̖ ^&̖!̖Á̖Áĉ@ÁÁGF•̖c̖&̖^Á̖č̖!̖ˆÈ
	Š̖ã̖oÁ̖Á̖GH̖Á̖Ś̖0̖Œ̖C̖Á̖ë̖ ̖}̖c̖ã̖å̖å̖Á̖[|̖Áĉ@ÁÁ̖Ú̖}̖ oÁ̖ë^̖]̖ |[̖^ˇ ^}̖o̖K
	̖ÁÜ̖[æ̖)̖[\̖^Á̖Ü̖ã̖ç̖^Á̖Áæ̖ë|̖^̖ÁÁ̖Ô̖[}̖•̖[|̖cã̖ { KÁÁ̖Ö̖æ̖ë|̖^}̖ÁÔ̖[ˇ }̖ĉ̖Á̖ÁÖ̖P̖|̖[c̖@P̖æ̖{]̖d̖ }̖ÁÔ̖[ˇ }̖ĉ̖Á̖ÁÖ̖Y ̖^|å̖[}̖ÁÔ̖ã̖Á̖ÁÖ̖P̖æ̖d̖ã̖æ̖æ̖Á̖ÁÔ̖[ˇ }̖ĉ̖Á̖ÁÖ̖Ó̖^̖|̖c̖ã̖Á̖ÁÔ̖[ˇ }̖ĉ̖Á̖ÁÊ
	P̖^|̖c̖|̖å̖ÁÔ̖[ˇ }̖ĉ
	̖ÁÜ̖Y ̖ã̖•̖d̖ }̖Á̖Þ̖^̖oÁ̖ÁÔ̖[}̖•̖[|̖cã̖ { KÁÁ̖Ö̖æ̖ç̖ã̖•̖Á̖Á̖ÁÔ̖[ˇ }̖ĉ̖Á̖ÁÖ̖æ̖æ̖ç̖ã̖Á̖ÁÔ̖[ˇ }̖ĉ̖Á̖ÁÖ̖[\̖ã̖Á̖ÁÔ̖ã̖Á̖ÁÖ̖Š̖^̖ç̖ã̖Á̖*̖d̖ }̖ÁÔ̖ã̖Á̖ÁÖ̖T̖[ˇ }̖o̖A̖æ̖ˆ̖ÁÔ̖ã̖Á̖ÁÖ̖Ù̖d̖ \̖^•̖Á̖ÁÔ̖[ˇ }̖ĉ̖Á̖ÁÖ̖Ù̖ˇ !̖!̖ˆ
	Ô̖[ˇ }̖ĉ̖Á̖ÁÖ̖Y ̖@̖{ æ̖ç̖ã̖|̖^ÁÔ̖ã̖Á̖ÁÖ̖Y æ̖å̖\ã̖Á̖ÁÔ̖[}̖ĉ
	̖ÁÜ̖Y ̖ã̖•̖[}̖ÁÔ̖[ˇ }̖ĉ̖Á̖ÁÙ̖}̖^̖Ë̖Ú̖U̖}̖KÁÁ̖Y ̖ã̖•̖[}̖ÁÔ̖[ˇ }̖ĉ
	̖ÁÜ̖Þ̖Ô̖ÁÁå̖Á̖Þ̖Ò̖∨̖ÁÔ̖[•̖Ë̖[|̖cã̖ { KÁÁ̖Ô̖@̖¦̖[\̖^̖^Á̖ÁÔ̖[ˇ }̖ĉ̖Á̖ÁÖ̖Ô̖@̖¦̖[\̖^̖^ÁÔ̖^}̖Ád̖æ̖å̖Á̖∨̖¦̖ã̖ã̖æ̖å̖Á̖Ö̖|̖æ̖ê̖ÁÔ̖[ˇ }̖ĉ̖Á̖ÁÖ̖Ö̖¦̖|̖æ̖æ̖æ̖d̖ÁÔ̖[ˇ }̖ĉ̖Á̖ÁÖ̖R̖æ̖æ̖&̖\̖•̖[}̖ÁÔ̖[ˇ }̖ĉ̖Á̖ÁÊ
	T̖æ̖&̖[}̖ÁÔ̖[ˇ }̖ĉ̖Á̖ÁÖ̖Ù̖̖ ̖æ̖æ̖[ÁÔ̖[ˇ }̖ĉ
	∨̖@̖ã̖ÁÁÚ̖|̖[̖!\̖&̖æ̖æ̖ã̖æ̖Á̖Á̖ã̖ˇ ̖^̖Á̖ã̖ã̖ÁÁ̖ĉ@̖æ̖æ̖ĉ@̖Á̖Á̖ã̖æ̖æ̖å̖Áã̖æ̖æ̖å̖

Project -   Ù&@|[|ÁÔ[} }^&cặặ̃ Á ÁÔ•cæà|ặ̃ @ǜ@⌐ ÁSFGÁÔ[{ { [} ÁP^ç̧ [¦\

Snapshot Name -   July 2009

Initiation Phase	

Project Organization and Roles	Peter Asmar, NCDPI CIO
	Neill Kimrey, Director, Instructional Technology Division, NCDPI
	Annemarie Timmerman, DPI Regional Technology Consultant, Business Subject Matter Expert
	Mary Lou Daily, DPI Regional Technology Consultant, Business Subject Matter Expert
	Kerry Mebane, DPI Regional Technology Consultant, Business Subject Matter Expert
	Melanie Honeycutt, DPI Regional Technology Consultant, Business Subject Matter Expert
	Acacia Dixon, DPI Regional Technology Consultant, Business Subject Matter Expert
	Annette Murphy, NCDPI IT PMO
	Beau Garcia, NCDPI Project Manager
	Phil Emer, Managing Director, Friday Institute
	Technical Project Team Partners
	   -- NC Wise
	   -- NC ITS
	   -- MCNC
	NCDPI -- will co-manage all aspects of the project with FI -- NC State University/NCREL/Project Tomorrow -- the Friday Institute for Educational Innovation
	Possible Last Mile Connectivity Partners
	   -- AT&T
	   -- Embarq
	   -- Time Warner Cable
	Stakeholders representing the LEAs and public schools:
	   -- Teachers
	   -- Students
	   -- Parents
	   -- Instructional Technology Coordinators
	   -- Principals
	   -- Deputy Superintendent of Instruction

Planning and Design Phase			
Agency Document Checklist			
Select the artifacts this project will or will not be producing:			
Project Plan	Yes	Work Breakdown Structure (WBS)	Yes
Staffing Plan	Yes	Business Reqs Documented	N/A
Communication Plan	Yes	Hardware & Software Procurement	Yes

Project -   Ù&@![|ÁÔ[} }^&ããã Á ÁÔ•æä|ã @Ao@ ÁSFGÁÔ[{ { [}Á•P^ç [¦\

Snapshot Name -   July 2009

Planning and Design Phase				
Change Management Plan	Yes		Training Plan	N/A
Project Test Plan	Yes		Deployment/Rollout Plan	Yes
Acceptance Criteria	Yes		Risk Management Plan	Yes
Data Conversion/Migration Plan			Project Quality Assurance Plan	Yes
Statement of Work (SOW)	Yes		Configuration Management Plan	Yes

Execution and Build Phase				
Agency Document Checklist				
Select the artifacts this project will or will not be producing:				
System Integration Plan			Test and Acceptance Results	Yes
Pilot Results	Yes		Change Management Plan	Yes
Disaster Recovery/Business Continuity Plan	Yes		Operations & Maintenance Transition Plan	N/A

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Snapshot Name -   July 2009

Project Status Attributes			
Overall Project Hours Cost			
Project Month Actual Hours	0	Project Month Plan Hours	0
Project to Date Actual Hours	11828	Project to Date Plan Hours	11828
Project to Date Variance Hours	0.00 %		
Planning and Design Phase Cost			
Hours			
Phase Month Actual Hours	0	Estimate to Complete Phase Hours	0
Phase Month Plan Hours	0	Total Phase Estimated Hours	4,745
Phase To Date Actual Hours	4,745	Total Approved Phase Hours	3,378
Phase To Date Plan Hours	4,745	Phase Variance Percentage Hours	40.47 %
Dollars			
Estimate to Complete Phase Dollars	0	Total Approved Phase Budget Dollars	428,468
Phase Variance Percentage Dollars	41.74 %		
Execution and Build Phase Cost			
Hours			
Phase Month Actual Hours	0	Estimate to Complete Phase Hours	0
Phase Month Plan Hours	0	Total Phase Estimated Hours	3,412
Phase to Date Actual Hours	3,412	Total Approved Phase Hours	4,878
Phase to Date Plan Hours	3,412	Phase Variance Percentage Hours	-30.05 %
Dollars			
Estimate to Complete Phase Dollars	0	Total Approved Phase Budget Dollars	640,727
Phase Variance Percentage Dollars	-29.60 %		
Implementation Phase Cost			
Hours			
Phase Month Actual Hours	0	Estimate to Complete Phase Hours	0

Project - Ù&@[[|ÁÔ[}}^&cącãc Á ÁÒ•cæà|ãc@c@'ÁSFGÁÔ[{ { [}ÁP^ç[|¦\

Snapshot Name -   July 2009

Phase Month Plan Hours	0	Total Phase Estimated Hours	3,545
Phase to Date Actual Hours	3,545	Total Approved Phase Hours	3,545
Phase to Date Plan Hours	3,545	Phase Variance Percentage Hours	0.00 %
Dollars			
Estimate to Complete Phase Dollars	0	Total Approved Phase Budget Dollars	1,701,232
Phase Variance Percentage Dollars	0.66 %		
Project Closeout Phase Cost			
Hours			
Phase Month Actual Hours		Estimate to Complete Phase Hours	43
Phase Month Plan Hours		Total Phase Estimated Hours	43
Phase To Date Actual Hours		Total Approved Phase Hours	43
Phase To Date Plan Hours		Phase Variance Percentage Hours	0.00 %
Dollars			
Estimate to Complete Phase Dollars	0	Total Approved Phase Budget Dollars	2232
Phase Variance Percentage Dollars	-16.26 %		
Business Functional Requirements (Scope)			
Original Number Business Functional Requirements:		7	
Total Number of Submitted Changes:		0	
Total Number of Approved Changes:		0	
Current Number Business Functional Requirements:		7	
Will all business functional requirements be delivered?		Yes	
Project Status Report Step		Preliminary	
Accomplishments this Period			

Project -   Ù&@[[|ÁÔ[} } ^&œ,æc Á ÁÒ• cæà|æ @o@ ÁSFGÁÔ[{ { [} ÁP^c [¦\

Snapshot Name -   July 2009

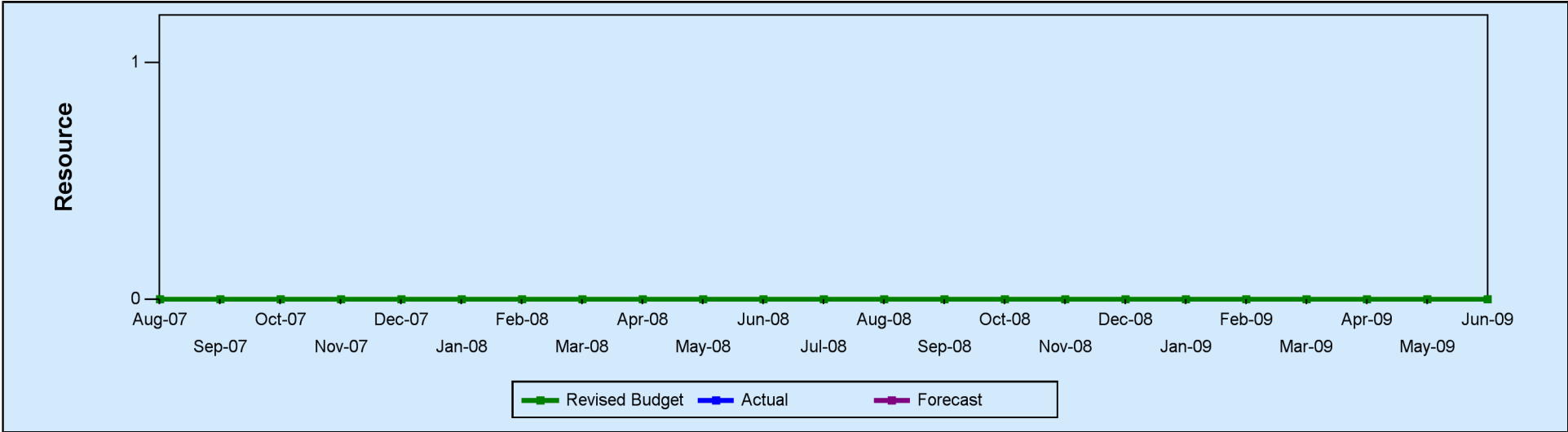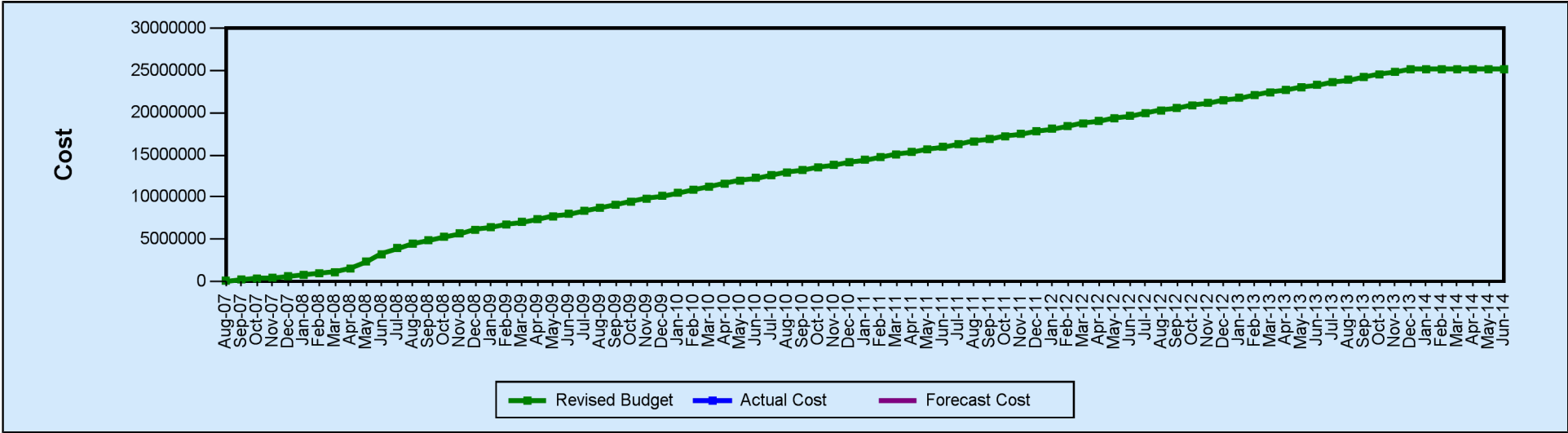| June 2009 |
| --- |
| - Completed Implementation phase
- Completed transition to new contracts with AT&T, Embarq, Time Warner Cable and others for backbone connections
- Completed to upgrade WAN access at underserved LEA's (Fiber)
- Completed lessons learned
- Completed closeout checklist |
| **Plans for Next Period** |
| |

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Snapshot Name -   July 2009

Trend Analysis

Project -   Ù&@[[|ÁÔ[}}^&çãcãÁÁÔ•cæà|ãr@À&@ÁSFGÁÔ[{{[}ÁP^ç[¦\

Snapshot Name -   July 2009

Levels	Revised Budget					Actual Cost			Forecast Cost				
Cost Break Down													
	Jul-2009	YTD	To Date	2010	TC	Jul-2009	YTD	TC	Jul-2009	YTD	To Date	2010	TC
Total Investment Cost	$ 356,093	$ 356,093	$ 8,373,174	$ 4,273,116	$ 25,153,101	$ 0	$ 0	$ 8,017,496	$ 343,593	$ 343,593	$ 8,361,089	$ 4,198,116	$ 25,903,516
Project Costs	$ 0	$ 0	$ 2,776,959	$ 0	$ 2,776,959	$ 0	$ 0	$ 2,777,374	$ 0	$ 0	$ 2,777,374	$ 0	$ 2,777,374
Initiation	$ 0	$ 0	$ 4,663	$ 0	$ 4,663	$ 0	$ 0	$ 4,663	$ 0	$ 0	$ 4,663	$ 0	$ 4,663
Internal Personnel	$ 0	$ 0	$ 4,663	$ 0	$ 4,663	$ 0	$ 0	$ 4,663	$ 0	$ 0	$ 4,663	$ 0	$ 4,663
Infrastructure-Software	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other (Describe)	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
External Personnel	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Infrastructure-Hardware	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other External Costs	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Planning & Design	$ 0	$ 0	$ 428,468	$ 0	$ 428,468	$ 0	$ 0	$ 607,313	$ 0	$ 0	$ 607,313	$ 0	$ 607,313
Internal Personnel	$ 0	$ 0	$ 12,962	$ 0	$ 12,962	$ 0	$ 0	$ 16,959	$ 0	$ 0	$ 16,959	$ 0	$ 16,959
Infrastructure-Hardware	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other (Describe)	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
External Personnel	$ 0	$ 0	$ 391,864	$ 0	$ 391,864	$ 0	$ 0	$ 553,470	$ 0	$ 0	$ 553,470	$ 0	$ 553,470
Other External Costs	$ 0	$ 0	$ 23,642	$ 0	$ 23,642	$ 0	$ 0	$ 36,884	$ 0	$ 0	$ 36,884	$ 0	$ 36,884
Infrastructure-Software	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Execution & Build	$ 0	$ 0	$ 640,727	$ 0	$ 640,727	$ 0	$ 0	$ 451,083	$ 0	$ 0	$ 451,083	$ 0	$ 451,083
Internal Personnel	$ 0	$ 0	$ 15,988	$ 0	$ 15,988	$ 0	$ 0	$ 10,838	$ 0	$ 0	$ 10,838	$ 0	$ 10,838
Infrastructure-Hardware	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0

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Snapshot Name -   July 2009

Cost Break Down

Levels	Revised Budget					Actual Cost			Forecast Cost				
	Jul-2009	YTD	To Date	2010	TC	Jul-2009	YTD	TC	Jul-2009	YTD	To Date	2010	TC
Other (Describe)	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
External Personnel	$ 0	$ 0	$ 572,511	$ 0	$ 572,511	$ 0	$ 0	$ 401,259	$ 0	$ 0	$ 401,259	$ 0	$ 401,259
Other External Costs	$ 0	$ 0	$ 52,228	$ 0	$ 52,228	$ 0	$ 0	$ 38,986	$ 0	$ 0	$ 38,986	$ 0	$ 38,986
Infrastructure-Software	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Implementation	$ 0	$ 0	$ 1,701,232	$ 0	$ 1,701,232	$ 0	$ 0	$ 1,712,446	$ 0	$ 0	$ 1,712,446	$ 0	$ 1,712,446
Internal Personnel	$ 0	$ 0	$ 14,952	$ 0	$ 14,952	$ 0	$ 0	$ 26,166	$ 0	$ 0	$ 26,166	$ 0	$ 26,166
External Personnel	$ 0	$ 0	$ 404,880	$ 0	$ 404,880	$ 0	$ 0	$ 404,880	$ 0	$ 0	$ 404,880	$ 0	$ 404,880
Other External Costs	$ 0	$ 0	$ 31,900	$ 0	$ 31,900	$ 0	$ 0	$ 31,900	$ 0	$ 0	$ 31,900	$ 0	$ 31,900
Infrastructure-Hardware	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Infrastructure-Software	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other (Describe)	$ 0	$ 0	$ 1,249,500	$ 0	$ 1,249,500	$ 0	$ 0	$ 1,249,500	$ 0	$ 0	$ 1,249,500	$ 0	$ 1,249,500
Project Closeout	$ 0	$ 0	$ 1,869	$ 0	$ 1,869	$ 0	$ 0	$ 1,869	$ 0	$ 0	$ 1,869	$ 0	$ 1,869
Internal Personnel	$ 0	$ 0	$ 1,869	$ 0	$ 1,869	$ 0	$ 0	$ 1,869	$ 0	$ 0	$ 1,869	$ 0	$ 1,869
External Personnel	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other External Costs	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Infrastructure-Hardware	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Infrastructure-Software	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other (Describe)	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other Investment Costs	$ 356,093	$ 356,093	$ 5,596,215	$ 4,273,116	$ 22,376,142	$ 0	$ 0	$ 5,240,122	$ 343,593	$ 343,593	$ 5,583,715	$ 4,198,116	$ 23,126,142

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Snapshot Name -   July 2009

Cost Break Down

Levels	Revised Budget					Actual Cost			Forecast Cost				
	Jul-2009	YTD	To Date	2010	TC	Jul-2009	YTD	TC	Jul-2009	YTD	To Date	2010	TC
Operations & Maintenance	$ 356,093	$ 356,093	$ 5,596,215	$ 4,273,116	$ 22,376,142	$ 0	$ 0	$ 5,240,122	$ 343,593	$ 343,593	$ 5,583,715	$ 4,198,116	$ 23,126,142
Internal Personnel	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
External Personnel	$ 9,833	$ 9,833	$ 68,831	$ 117,996	$ 589,980	$ 0	$ 0	$ 58,998	$ 9,833	$ 9,833	$ 68,831	$ 117,996	$ 589,980
Other External Costs	$ 176,833	$ 176,833	$ 3,324,833	$ 2,121,996	$ 10,603,980	$ 0	$ 0	$ 3,148,000	$ 164,333	$ 164,333	$ 3,312,333	$ 2,046,996	$ 11,353,980
Infrastructure-Hardware	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Infrastructure-Software	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other (Describe)	$ 169,427	$ 169,427	$ 2,202,551	$ 2,033,124	$ 11,182,182	$ 0	$ 0	$ 2,033,124	$ 169,427	$ 169,427	$ 2,202,551	$ 2,033,124	$ 11,182,182

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Snapshot Name -   July 2009

Project Schedule

Legend: Planned Start & End Date · Forecast Start & End Date · Completed

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Snapshot Name -   July 2009

◆ Planned Milestone   ◆ Forecast Milestone

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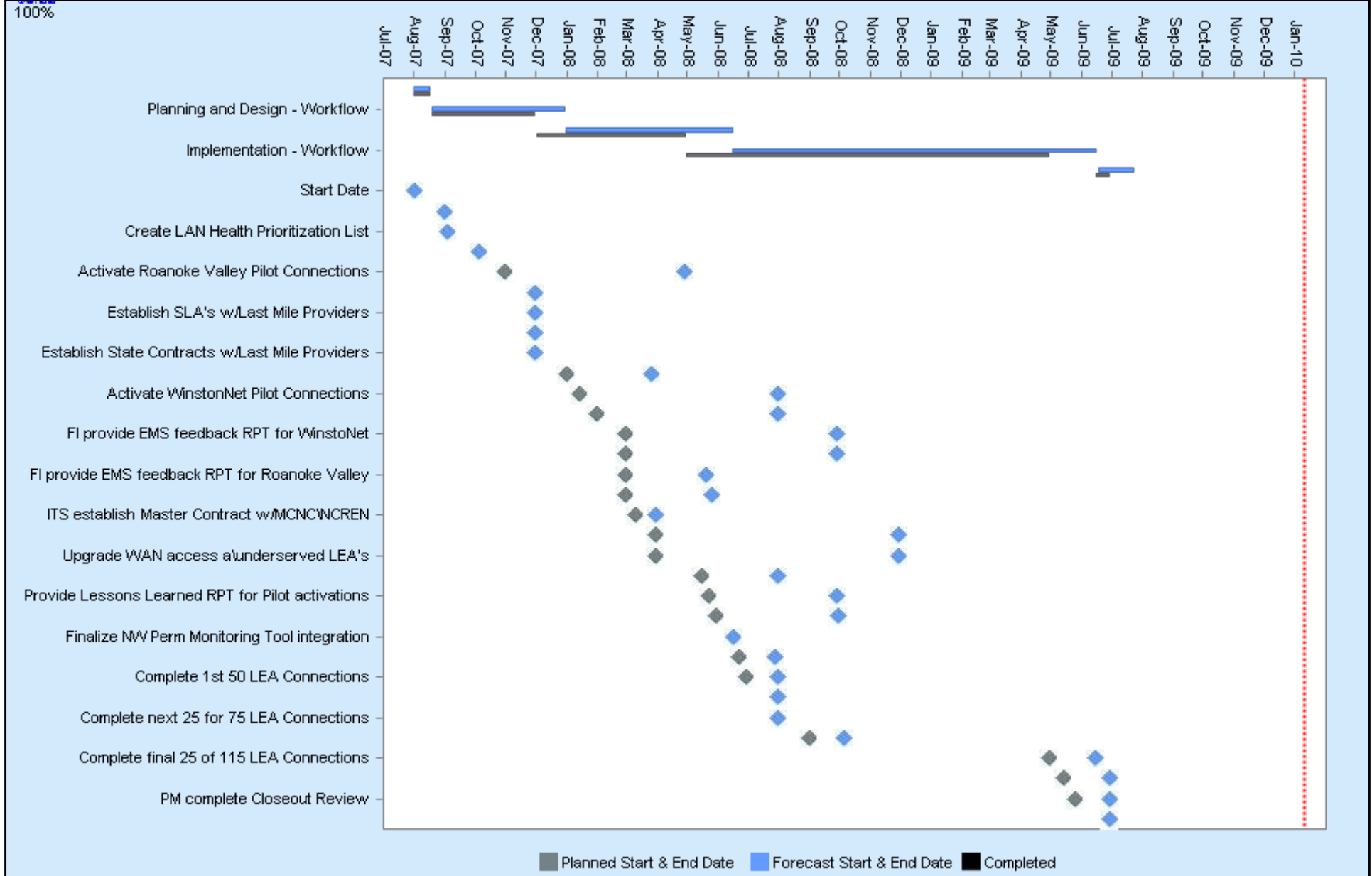
Snapshot Name -   July 2009

Project Phases

Phase Name	Planned Start Date	Planned End Date	Forecast Start Date	Forecast End Date	Completion(%)
Initiation - Workflow	08/02/2007	08/17/2007	08/02/2007	08/17/2007	100.00 %
Planning and Design - Workflow	08/20/2007	11/30/2007	08/20/2007	12/31/2007	100.00 %
Execution and Build - Workflow	12/03/2007	04/30/2008	01/01/2008	06/16/2008	100.00 %
Implementation - Workflow	05/01/2008	04/30/2009	06/17/2008	06/16/2009	100.00 %
Project Closeout - Workflow	06/17/2009	06/30/2009	06/19/2009	07/24/2009	100.00 %

Project Milestones

Milestone Name	Planned Date	Forecast Date	Variance(days)
Start Date	08/02/2007	08/02/2007	0
Initiate Contract w/The Friday Institute	08/31/2007	08/31/2007	0
Create LAN Health Prioritization List	09/03/2007	09/03/2007	0
Develop LMP Tech & Contract Designs	10/05/2007	10/05/2007	0
Activate Roanoke Valley Pilot Connections	10/31/2007	04/28/2008	-180
Establish State Contracts w/Last Mile Providers	11/30/2007	11/30/2007	0
Develop NW Perf Monitoring Tool	11/30/2007	11/30/2007	0
Establish SLA's w/Last Mile Providers	11/30/2007	11/30/2007	0
Activate Wilson Hunt HS Wireless Pilot	11/30/2007	11/30/2007	0
Finalize SOW1 Ops Support w/MCNC	01/01/2008	03/27/2008	-86
Activate WinstonNet Pilot Connections	01/14/2008	07/31/2008	-199
Activate WNCEdNet Pilot Connections	01/31/2008	07/31/2008	-182
FI provide EMS feedback RPT for Wilson Hunt HS	02/29/2008	05/26/2008	-87
FI provide EMS feedback RPT for Roanoke Valley	02/29/2008	05/20/2008	-81
FI provide EMS feedback RPT for WNCEdNet	02/29/2008	09/29/2008	-213
FI provide EMS feedback RPT for WinstoNet	02/29/2008	09/29/2008	-213

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Snapshot Name -   July 2009

Project Milestones			
Milestone Name	**Planned Date**	**Forecast Date**	**Variance(days)**
ITS establish Master Contract w/MCNC\NCREN	03/10/2008	03/31/2008	-21
Upgrade WAN access a\underserved LEA's	03/31/2008	11/30/2008	-244
Perform Site LAN Health Assessments as needed	03/31/2008	11/30/2008	-244
Finalize CNE SOW2 w/MCNC	05/16/2008	07/31/2008	-76
Provide Lessons Learned RPT for Pilot activations	05/23/2008	09/29/2008	-129
Implement Shared Service w/WinstoNet	05/30/2008	09/30/2008	-123
Finalize NW Perm Monitoring Tool integration	06/16/2008	06/16/2008	0
EMS analysis RPT of pilot bandwidth utilization	06/23/2008	07/29/2008	-36
Complete 1st 50 LEA Connections	06/30/2008	07/31/2008	-31
Execute Site Surveys	07/31/2008	07/31/2008	0
Complete next 25 for 75 LEA Connections	08/01/2008	08/01/2008	0
Complete the next 15 of 90 LEA Connections	09/01/2008	10/06/2008	-35
Complete final 25 of 115 LEA Connections	04/30/2009	06/15/2009	-46
PM complete Lessons Learned doc	05/15/2009	06/30/2009	-46
PM complete Closeout Review	05/26/2009	06/30/2009	-35
End Date	06/30/2009	06/30/2009	0

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Snapshot Name -   July 2009

Project Change Requests

Name	Cost	Owner	Date Opened	Approved Date
School Connectivity Common Network Plan & Design Phase extension	$ 0	Alisa Cutler	02/18/2008	02/19/2008
School Connectivity - LEA funds removal from O&M cost	-$ 45,500,000	Alisa Cutler	04/07/2008	04/09/2008
New SOW & MOU with Phase and Operations and Maintenance Budget Adjustments	$ 14,248,483	Alisa Cutler	04/22/2008	04/22/2008

Issues

Title	Weight	Owner	Date Entered	Completed
Accomplishments791	Medium	Beau Garcia	7/8/2009	On 7/16/2009
Accomplishments881	Medium	Beau Garcia	8/19/2008	On 10/11/2008
Approval791	High	Beau Garcia	7/8/2009	On 7/16/2009
Architecture0101	Low	Jerry Bunn	1/24/2008	On 3/3/2008
Architecture0801	High	Jerry Bunn	8/9/2007	On 9/18/2007
Benefits91	High	Jerry Bunn	9/20/2007	On 12/19/2007
Budget	Medium	Jerry Bunn	4/25/2008	On 6/16/2008
Budget Fund Codes	Low	Jerry Bunn	2/11/2008	On 3/17/2008
Budget-2	Low	Jerry Bunn	5/1/2008	On 5/6/2008
Budget21	Medium	Jerry Bunn	3/1/2008	On 4/25/2008
Budget22	High	Jerry Bunn	3/1/2008	On 4/25/2008
Budget491	Medium	Beau Garcia	4/20/2009	On 5/8/2009
Budget91	Low	Jerry Bunn	9/20/2007	On 10/16/2007
Charlotte-Meck-install-location	High	Beau Garcia	2/11/2009	On 2/25/2009
Cost391	High	Beau Garcia	3/10/2009	On 4/14/2009
Dependencies	Medium	Jerry Bunn	1/15/2008	On 2/18/2008
Documentation	Medium	Jerry Bunn	1/15/2008	On 4/25/2008
Hours101	High	Jerry Bunn	10/18/2007	On 11/18/2007

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Snapshot Name -   July 2009

Issues				
Title	**Weight**	**Owner**	**Date Entered**	**Completed**
Hours102	Medium	Jerry Bunn	10/18/2007	On 11/18/2007
Hours381	Low	Jerry Bunn	3/25/2008	On 4/25/2008
Hours581	Medium	Jerry Bunn	5/21/2008	On 5/22/2008
Hours582	Medium	Jerry Bunn	5/21/2008	On 5/22/2008
Hours7921	Medium	Beau Garcia	7/17/2009	On 8/4/2009
Hours7922	High	Beau Garcia	7/17/2009	On 8/4/2009
Hours981	Medium	Beau Garcia	9/29/2008	On 10/15/2008
Issues21	High	Jerry Bunn	3/1/2008	On 3/3/2008 2:05:39 PM
Issues22	Medium	Jerry Bunn	3/1/2008	On 3/3/2008 2:09:14 PM
LEA Connectivity Reporting	Medium	Alisa Cutler	8/20/2008	On 12/19/2008
Milestones381	High	Jerry Bunn	3/25/2008	On 4/25/2008
Milestones382	Medium	Jerry Bunn	3/25/2008	On 3/26/2008
O and M cost adjustment	Low	Beau Garcia	2/6/2009	On 4/17/2009
O and M costs	Medium	Alisa Cutler	10/27/2008	On 4/9/2009
Planning1081	Low	Alisa Cutler	10/28/2008	On 12/19/2008
Planning91	Low	Jerry Bunn	9/20/2007	On 11/18/2007 7:42:09 PM
Planning92	Low	Jerry Bunn	9/20/2007	On 11/18/2007 7:45:10 PM
Planning93	Medium	Jerry Bunn	9/20/2007	On 11/18/2007 7:49:15 PM
Rate91	Medium	Jerry Bunn	9/20/2007	On 10/16/2007
Risk91	High	Jerry Bunn	9/20/2007	On 11/18/2007 7:51:22 PM
Schedule	Medium	Jerry Bunn	1/15/2008	On 2/18/2008

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Snapshot Name -   July 2009

Issues				
Title	**Weight**	**Owner**	**Date Entered**	**Completed**
Schedule791	Medium	Beau Garcia	7/8/2009	On 7/16/2009
Schedule792	Medium	Beau Garcia	7/8/2009	On 7/16/2009
Schedule981	Medium	Beau Garcia	9/29/2008	On 11/13/2008
Security080907	Medium	Jerry Bunn	8/9/2007	On 8/20/2007
Winston Net Consortium Tracking	Medium	Alisa Cutler	8/20/2008	On 3/2/2009

Risks				
Title	**Weight**	**Owner**	**Date Entered**	**Completed**
Contracts	Low	Jerry Bunn	5/22/2008	On 5/22/2008
Schedule	Low	Jerry Bunn	5/22/2008	On 5/22/2008
Stakeholders	Low	Jerry Bunn	5/22/2008	On 5/22/2008
Visibility	Low	Jerry Bunn	5/22/2008	On 5/22/2008
Visibility 2	Low	Jerry Bunn	5/22/2008	On 5/22/2008

Project -   School Connectivity - Identify and Prioritize Core Services

Snapshot Name -   March 2009

Detailed Indicators

Project Name	Overall	Project Funding (TCO)	Phase Cost	Project Scope	Phase Milestones	Project Staff Utilization	Project Issue and Risk Management	Monthly Status Reporting	Previous Overall	
School Connectivity - Identify and Prioritize Core Services	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	

Actual Start Date	Actual End Date	% Cost Complete	% Work Complete	% Schedule Complete	Workflow Status
9/3/2007	3/31/2009	318 %	0 %	100 %	Complete

Overall	4/10/09 BG Project requires snapshot to enter in closeout costs for month of March and then execute full closeout review.
🟢	2/2/09 BG B&E gate cleared. Now moving to final items
1/8/09 BG All deliverables met. CR filed to align last phases for gate reviews to complete.

12/1/08 BG Project submitted for agency gate review Nov 20 2008 and currently at PMA.
Final items completed for P&D phase.

11/10/08 BG Completing final items for gate review into B&E.
CR approved by OSBM to reduce project total cost on 11/14/08.
Cost complete progress is listed at 205% due to the CR reducing P&D phase by $160,404 based on the Friday Institutes shortfall on invoice totals. This was identified by their very early delivery on all deliverables. With net cost reduction to this phase and increasing the cost complete progress artificially.

10/11/08 BG FI has delivered documents per project that identify and prioritize core services on the k12 network. It has been accepted by the sponsor. This is ahead of schedule.
CR to be submitted extending P&D phase 60 days and reduce B&E phase by one month as well.

9/12/08 DPI-PM BG: FI has delivered initial draft of closeout document that begins shaping up their completion of major deliverables. Briefing to SCIO slated for 9/17/08

8/8/08 DPI-PM JTB: Addressed the phase cost issue with the EPMO-QA and we have determined this was and old vs new process created issue and we have implemented a corrective action. We have concurred that the project is not over budget.

7/30/08 NCDPI-PM JTB: Project began in Sept 2007 with reported snapshot for that month. Project was placed on hold for restructuring until May 2008.   This is a roll up snapshot for Initiation phase from Sept, 07 to June 08.

EPMOQA: 04/18/09: This feasibility study, part of the School Connectivity program, was approved for Planning and Design phase activities on September 21, 2007. The re-structured project was re-approved for Planning and Design phase activities on July 14, |

Project - School Connectivity - Identify and Prioritize Core Services

Snapshot Name -   March 2009

	2008. The project was approved for Execution and Build phase activities on January 12, 2009. The project was approved for Implementation phase activities on January 29, 2009. EPMOQA: 04/18/09: INITIAL: The project had a total investment cost (TCO) budget of $611,379 with a planned completion date of June 30, 2008. Implementation was expected to cost $611,379. The project did not have an Operations and Maintenance budget. EPMOQA: 04/18/09: BASELINE: The project had a baseline TCO budget of $144,915. Baseline Implementation costs were expected to be 2,701 hours and $144,915. The project expected to deliver six (6) business functional requirements by March 31, 2009. The project did not have an Operations and Maintenance budget. EPMOQA: 04/18/09: REVISED: The project had a revised TCO budget of $146,965. Revised study costs were expected to be $146,965. EPMOQA: 04/18/09: PERFORMANCE: The project was completed within budget in hours (zero (0) variance) and significantly over budget in dollars ($318,758 or 216.9%). The feasibility study had a budget of 2,741 hours and $146,965 with actual costs of 2,741 hours and $465,723. The project delivered six (6) business functional requirements within the revised planned completion date of February 27, 2009. EPMOQA: 04/18/09: The project is 100% complete (based on schedule) and is 100% complete with Implementation phase activities that had a planned completion date of February 27, 2009. EPMOQA: 04/18/09: The project is complete.
Project Funding (TCO)	EPMOQA: 04/18/09: The project was fully funded.

Project - School Connectivity - Identify and Prioritize Core Services

Snapshot Name - March 2009

Phase Cost (green indicator)	
Project Scope (green indicator)	EPMOQA: 04/18/09: The project achieved full-function scope delivery for six (6) business functional requirements.
Phase Milestones (green indicator)	EPMOQA: 04/18/08: The project had provided workflow phase milestones and key project deliverables. All milestones and key project deliverables have been achieved.
Project Staff Utilization (green indicator)	1/23/09 DPI-PM: BG phase to date hours addressed and verified. EPMOQA: 04/18/09: The project was within the staff resource utilization plan in hours project to date (zero (0) variance).
Project Issue and Risk Management (green indicator)	DPI-PM: 10/14/07: There are several EPMO issues that cannot be addressed until the planned ITS/DPI/Friday Institue meeting to identify ITS levels of support required. PMA is planning this meeting and date is TBD. EPMOQA: 04/18/09: The project had provided corrective action plans for all identified issues. All issues have been resolved.

Project - School Connectivity - Identify and Prioritize Core Services

Snapshot Name - March 2009

Monthly Status Reporting	7/30/08 NCDPI-PM JTB: Project began in Sept 2007 with reported snapshot for that month. Project was placed on hold for restructuring until May 2008. EPMOQA: 04/18/09: The project was reporting February 2009 data. Project status reporting is complete.

Project Information Section

Project Name	School Connectivity - Identify and Prioritize Core Services		
Start Date	9/3/2007	End Date	4/30/2009
Creation Date	7/5/2007	Workflow Status	Complete
Fixed Start Date		Fixed End Date	
Benefits Start Date	3/31/2009	Capitalization Months	60
Project ID	DPI0768	Priority	
Project Range	Part of Program - <$500,000	Proj. Range Level of Confidence	75-100%
Type of Project	Feasibility Study	Budget Code	100040947825
Initiation Phase Cost	6799	Planning Phase Cost	131966
Department or Agency	Public Instruction, Department of	Project Manager Telephone	919-807-4158
Division	Technology Services	Project Security Contact	Robin Burley
Project Manager Name	Beau Garcia	Project Sponsor Organization	NCDPI-Technology Services
Project Manager Email	bgarcia@dpi.state.nc.us	Project Sponsor	Ed Chase

Initiation Phase

Project Definition

Project Goals	The goals of this planning project are to: (1) Identify, document and prioritize a set of value-added network services to improve the operational efficiency within and among the LEA's,
Project Deliverables	The project deliverables for this planning project will consist of multiple plans as follows: (1) An Approach Document to accomplish the project goals (2) A Proposed Questions Document that will be utilized to ascertain the value added network services needed by the LEA's. (3) A Timeline Project Schedule with Milestones and task identification. (4) A Summary of Finding Document. (5) A Recommendations and Prioritization Document of value added network services.

Project -   School Connectivity - Identify and Prioritize Core Services

Snapshot Name -   March 2009

Initiation Phase	
Proposed Strategy	The following is the proposed strategy: (1) The NCDPI will contract the NC State Friday Institute to provide a value added service list in accordance with the accepted SCI Implementation and Operating Plan (attached in the Document Management Folder). The Friday Institute will research educational IT trends and collaborate with subject matter IT experts including MCNC, ITS, and NCDPI to develop the project deliverables identified above.

Project Organization and Roles	Peter Asmar, NCDPI CIO
	Rebecca Garland, NCDPI Associate Superintendent
	Mike Veckentstedt, NCDPI CTO
	Neill Kimrey, Director, Instructional Technology Division, NCDPI
	Kerry Mebane, DPI Regional Technology Consultant, Business Subject Matter Expert
	Mary Lou Daily, DPI Regional Technology Consultant, Business Subject Matter Expert
	Melanie Honeycutt, DPI Regional Technology Consultant, Business Subject Matter Expert
	Cathy Matthews, DPI Regional Technology Consultant, Business Subject Matter Expert
	Christopher Shearer, DPI Regional Technology Consultant, Business Subject Matter Expert
	Ed Chase, Director, NCDPI K12 Connectivity Support Services
	Alisa Cutler, EPMO PMA
	Annette Murphy, NCDPI ITPMO Director
	Lucy Cornelius, NCDPI QA Manager
	Beau Garcia, NCDPI Project Manager
	Plil Emer, Managing Director, Friday Institute
	Technical Project Team Partners
	   -- NCREN
	   -- NC Wise
	   -- NC ITS
	   -- MCNC
	NCDPI -- will co-manage all aspects of the project with The Friday Institute
	Possible Last Mile Connectivity Partners
	   -- AT&T
	   -- Embarq
	   -- Time Warner Cable
	Stakeholders representing the LEAs and public schools:
	   -- Instructional Technology Directors

Planning and Design Phase
Agency Document Checklist
Select the artifacts this project will or will not be producing:

Project -   School Connectivity - Identify and Prioritize Core Services

Snapshot Name -   March 2009

Planning and Design Phase

Project Plan	Yes	Work Breakdown Structure (WBS)	Yes
Staffing Plan	Yes	Business Reqs Documented	Yes
Communication Plan	Yes	Hardware & Software Procurement	Yes
Change Management Plan	Yes	Training Plan	N/A
Project Test Plan	N/A	Deployment/Rollout Plan	N/A
Acceptance Criteria	Yes	Risk Management Plan	Yes
Data Conversion/Migration Plan		Project Quality Assurance Plan	N/A
Statement of Work (SOW)	Yes	Configuration Management Plan	N/A

Execution and Build Phase

Agency Document Checklist

Select the artifacts this project will or will not be producing:

System Integration Plan		Test and Acceptance Results	N/A
Pilot Results	N/A	Change Management Plan	Yes
Disaster Recovery/Business Continuity Plan	N/A	Operations & Maintenance Transition Plan	N/A

Project - School Connectivity - Identify and Prioritize Core Services

Snapshot Name -   March 2009

Project Status Attributes			
Overall Project Hours Cost			
Project Month Actual Hours	0	Project Month Plan Hours	0
Project to Date Actual Hours	2741	Project to Date Plan Hours	2741
Project to Date Variance Hours	0.00 %		
Planning and Design Phase Cost			
Hours			
Phase Month Actual Hours	0	Estimate to Complete Phase Hours	0
Phase Month Plan Hours	0	Total Phase Estimated Hours	2,490
Phase To Date Actual Hours	2,490	Total Approved Phase Hours	2,490
Phase To Date Plan Hours	2,490	Phase Variance Percentage Hours	0.00 %
Dollars			
Estimate to Complete Phase Dollars	0	Total Approved Phase Budget Dollars	131,966
Phase Variance Percentage Dollars	244.65 %		
Execution and Build Phase Cost			
Hours			
Phase Month Actual Hours	0	Estimate to Complete Phase Hours	0
Phase Month Plan Hours	0	Total Phase Estimated Hours	40
Phase to Date Actual Hours	40	Total Approved Phase Hours	40
Phase to Date Plan Hours	40	Phase Variance Percentage Hours	0.00 %
Dollars			
Estimate to Complete Phase Dollars	0	Total Approved Phase Budget Dollars	2,050
Phase Variance Percentage Dollars	0.00 %		
Implementation Phase Cost			
Hours			
Phase Month Actual Hours	0	Estimate to Complete Phase Hours	0

Project - School Connectivity - Identify and Prioritize Core Services

Snapshot Name -   March 2009

Phase Month Plan Hours	0	Total Phase Estimated Hours	40
Phase to Date Actual Hours	40	Total Approved Phase Hours	40
Phase to Date Plan Hours	40	Phase Variance Percentage Hours	0.00 %
Dollars			
Estimate to Complete Phase Dollars	0	Total Approved Phase Budget Dollars	2,050
Phase Variance Percentage Dollars	0.00 %		
Project Closeout Phase Cost			
Hours			
Phase Month Actual Hours		Estimate to Complete Phase Hours	43
Phase Month Plan Hours		Total Phase Estimated Hours	43
Phase To Date Actual Hours		Total Approved Phase Hours	43
Phase To Date Plan Hours		Phase Variance Percentage Hours	0.00 %
Dollars			
Estimate to Complete Phase Dollars	0	Total Approved Phase Budget Dollars	2232
Phase Variance Percentage Dollars	-8.15 %		
Business Functional Requirements (Scope)			
Original Number Business Functional Requirements:		6	
Total Number of Submitted Changes:		0	
Total Number of Approved Changes:		0	
Current Number Business Functional Requirements:		6	
Will all business functional requirements be delivered?		Yes	
Project Status Report Step		Preliminary	
Accomplishments this Period			
March 2009 Completed closeout documentation			
Plans for Next Period			

Project -   School Connectivity - Identify and Prioritize Core Services

Snapshot Name -   March 2009

Apr 2009
Review of closeout docs

Project -   School Connectivity - Identify and Prioritize Core Services

Snapshot Name -   March 2009

Trend Analysis

Project - School Connectivity - Identify and Prioritize Core Services

Snapshot Name - March 2009

Cost Break Down

Levels	Revised Budget					Actual Cost			Forecast Cost				
	Mar-2009	YTD	To Date	2009	TC	Mar-2009	YTD	TC	Mar-2009	YTD	To Date	2009	TC
Total Investment Cost	$ 2,050	$ 140,166	$ 146,965	$ 140,166	$ 146,965	$ 2,050	$ 458,275	$ 467,773	$ 2,050	$ 458,275	$ 465,074	$ 458,275	$ 465,074
Project Costs	$ 2,050	$ 140,166	$ 146,965	$ 140,166	$ 146,965	$ 2,050	$ 458,275	$ 467,773	$ 2,050	$ 458,275	$ 465,074	$ 458,275	$ 465,074
Initiation	$ 0	$ 0	$ 6,799	$ 0	$ 6,799	$ 0	-$ 2,699	$ 6,799	$ 0	-$ 2,699	$ 4,100	-$ 2,699	$ 4,100
Internal Personnel	$ 0	$ 0	$ 6,799	$ 0	$ 6,799	$ 0	-$ 2,699	$ 6,799	$ 0	-$ 2,699	$ 4,100	-$ 2,699	$ 4,100
Infrastructure-Software	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other (Describe)	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
External Personnel	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Infrastructure-Hardware	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other External Costs	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Planning & Design	$ 0	$ 131,966	$ 131,966	$ 131,966	$ 131,966	$ 0	$ 454,824	$ 454,824	$ 0	$ 454,824	$ 454,824	$ 454,824	$ 454,824
Internal Personnel	$ 0	$ 10,250	$ 10,250	$ 10,250	$ 10,250	$ 0	$ 10,250	$ 10,250	$ 0	$ 10,250	$ 10,250	$ 10,250	$ 10,250
Infrastructure-Hardware	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other (Describe)	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
External Personnel	$ 0	$ 121,716	$ 121,716	$ 121,716	$ 121,716	$ 0	$ 444,574	$ 444,574	$ 0	$ 444,574	$ 444,574	$ 444,574	$ 444,574
Other External Costs	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Infrastructure-Software	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Execution & Build	$ 0	$ 4,100	$ 4,100	$ 4,100	$ 4,100	$ 0	$ 2,050	$ 2,050	$ 0	$ 4,100	$ 4,100	$ 4,100	$ 4,100
Internal Personnel	$ 0	$ 4,100	$ 4,100	$ 4,100	$ 4,100	$ 0	$ 2,050	$ 2,050	$ 0	$ 4,100	$ 4,100	$ 4,100	$ 4,100
Infrastructure-Hardware	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0

Project - School Connectivity - Identify and Prioritize Core Services

Snapshot Name - March 2009

Cost Break Down

Levels	Revised Budget					Actual Cost			Forecast Cost				
	Mar-2009	YTD	To Date	2009	TC	Mar-2009	YTD	TC	Mar-2009	YTD	To Date	2009	TC
Other (Describe)	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
External Personnel	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other External Costs	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Infrastructure-Software	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Implementation	$ 0	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 0	$ 2,050	$ 2,050	$ 0	$ 0	$ 0	$ 0	$ 0
Internal Personnel	$ 0	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 0	$ 2,050	$ 2,050	$ 0	$ 0	$ 0	$ 0	$ 0
External Personnel	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other External Costs	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Infrastructure-Hardware	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Infrastructure-Software	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other (Describe)	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Project Closeout	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050
Internal Personnel	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050
External Personnel	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other External Costs	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Infrastructure-Hardware	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Infrastructure-Software	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other (Describe)	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other Investment Costs	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0

Project - School Connectivity - Identify and Prioritize Core Services

Snapshot Name -   March 2009

Cost Break Down

Levels	Revised Budget					Actual Cost			Forecast Cost				
	Mar-2009	YTD	To Date	2009	TC	Mar-2009	YTD	TC	Mar-2009	YTD	To Date	2009	TC
Operations & Maintenance	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Internal Personnel	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
External Personnel	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other External Costs	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Infrastructure-Hardware	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Infrastructure-Software	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other (Describe)	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0

Project - School Connectivity - Identify and Prioritize Core Services

Snapshot Name - March 2009

Project Schedule

Legend: ■ Planned Start & End Date ■ Forecast Start & End Date ■ Completed

Project - School Connectivity - Identify and Prioritize Core Services

Snapshot Name -   March 2009

◆ Planned Milestone   ◆ Forecast Milestone

Project - School Connectivity - Identify and Prioritize Core Services

Snapshot Name -   March 2009

Project Phases

Phase Name	Planned Start Date	Planned End Date	Forecast Start Date	Forecast End Date	Completion(%)
Initiation - Workflow	09/03/2007	06/30/2008	09/03/2007	06/30/2008	100.00 %
Planning and Design - Workflow	07/01/2008	11/28/2008	07/01/2008	01/12/2009	100.00 %
Execution and Build - Workflow	01/12/2009	01/30/2009	01/12/2009	01/30/2009	100.00 %
Implementation - Workflow	02/01/2009	02/27/2009	02/01/2009	02/27/2009	100.00 %
Project Closeout - Workflow	03/01/2009	03/31/2009	03/01/2009	04/30/2009	100.00 %

Project Milestones

Milestone Name	Planned Date	Forecast Date	Variance(days)
Start Date	09/03/2007	09/03/2007	0
Develop Timeline Proj Sched w/Milestones & Task	08/22/2008	09/26/2008	-35
Deliver draft outline for FI deliverables	08/29/2008	09/19/2008	-21
Identify Core Services for NCEdNet	09/01/2008	09/01/2008	0
LEA Feedback on possible Services	09/30/2008	09/30/2008	0
Submit Recommendations and Prioritization Document	10/17/2008	10/17/2008	0
FI submits Summary of Finding Document	10/31/2008	10/31/2008	0
Formally accept core svcs recommendations from FI	11/17/2008	11/17/2008	0
Develop all P&D Phase PM Docs	11/20/2008	11/20/2008	0
Gate 3 Review	01/30/2009	01/30/2009	0
Gate 4 checklist	02/13/2009	02/13/2009	0
Gate 4 review	02/27/2009	02/27/2009	0
Deliver lessons learned	03/30/2009	03/30/2009	0
End Date	04/30/2009	04/30/2009	0

Project Status Report

Project - School Connectivity - Identify and Prioritize Core Services

Snapshot Name -   March 2009

Project Change Requests				
Name	**Cost**	**Owner**	**Date Opened**	**Approved Date**
Extend P&D while reducing implementation	-$ 232,509	Alisa Cutler	11/05/2008	11/13/2008
Project Final Phase adjustments	$ 2,050	Alisa Cutler	01/13/2009	02/17/2009

Issues				
Title	**Weight**	**Owner**	**Date Entered**	**Completed**
Accomplishments1081	Medium	Beau Garcia	10/27/2008	On 11/14/2008
Accomplishments1181	Medium	Beau Garcia	11/19/2008	On 11/28/2008
Accomplishments1281	Medium	Beau Garcia	12/15/2008	On 12/15/2008
Accomplishments981	High	Beau Garcia	9/30/2008	On 10/6/2008
Architecture0901	High	Jerry Bunn	9/21/2007	On 6/14/2008
Benefits	High	Jerry Bunn	9/21/2007	On 1/16/2008
Budget	Low	Jerry Bunn	9/21/2007	On 1/16/2008
Budget 01/17/08	Low	Jerry Bunn	1/17/2008	On 3/13/2008
Budget Fund Codes	Low	Jerry Bunn	2/11/2008	On 3/13/2008
Budget Fund Coding	Low	Jerry Bunn	2/11/2008	On 3/13/2008
Budget1081	High	Beau Garcia	10/27/2008	On 11/17/2008
Budget1181	Medium	Beau Garcia	11/19/2008	On 11/20/2008
Budget1182	High	Beau Garcia	11/19/2008	On 11/20/2008
Budget191	High	Beau Garcia	1/16/2009	On 1/27/2009
Budget192	Medium	Beau Garcia	1/16/2009	On 1/27/2009
Budget291	Low	Beau Garcia	2/26/2009	On 3/2/2009
Budget781	Low	Beau Garcia	7/31/2008	On 9/15/2008
Completion %191	Low	Beau Garcia	1/16/2009	On 1/27/2009
Completion %192	Low	Beau Garcia	1/16/2009	On 1/27/2009
Expense Tracking	High	Jerry Bunn	9/21/2007	On 10/16/2007

Project -   School Connectivity - Identify and Prioritize Core Services

Snapshot Name -   March 2009

Issues				
Title	**Weight**	**Owner**	**Date Entered**	**Completed**
FI Invoicing / Deliverables	High	Beau Garcia	8/20/2008	On 10/27/2008
Gate 2 Submission	High	Beau Garcia	10/14/2008	On 10/24/2008
Hours191	High	Beau Garcia	1/16/2009	On 2/2/2009
Hours192	Medium	Beau Garcia	1/16/2009	On 2/2/2009
Planning101	High	Jerry Bunn	10/18/2007	On 1/16/2008
Planning102	Medium	Jerry Bunn	10/18/2007	On 1/16/2008
Planning981	Low	Alisa Cutler	9/30/2008	On 1/8/2009
Rate1181	Medium	Beau Garcia	11/19/2008	On 11/20/2008
Risk101	High	Jerry Bunn	10/18/2007	On 1/16/2008
Security091307	Medium	Jerry Bunn	9/13/2007	On 1/16/2008

Project - School Connectivity - Implement the NCDPI Network Engineering Support Service

Snapshot Name -   August 2009

Detailed Indicators

Project Name	Overall	Project Funding (TCO)	Phase Cost	Project Scope	Phase Milestones	Project Staff Utilization	Project Issue and Risk Management	Monthly Status Reporting	Previous Overall	
School Connectivity - Implement the NCDPI Network Engineering Support Service	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	

Actual Start Date	Actual End Date	% Cost Complete	% Work Complete	% Schedule Complete	Workflow Status
4/23/2008	8/31/2009	12 %	0 %	100 %	Complete

Overall	
🟢	8/3/09 DPI-PM BG: Work completed. Ready for final status & closeout. 7/9/09 DPI-PM BG: First month service going well. 6/5/09 DPI-PM BG: Service announcement completed and approvals to implementation completed. 5/8/09 DPI-PM BG: Training clear and ready for service announcement 4/2/09 DPI-PM BG: Training continues & CR adjustments made 3/2/09 DPI-PM BG: Training portion began for NWA and progressing well. 2/13/09 DPI-PM: BG Moving forward and survey executed. 1/8/09 DPI-PM: BG gate review final items addressed and ready to proceed. First deliverables completed. 12/12/08 DPI-PM BG P&D phase completed and progressing nicely with new staff on board. 11/16/08 DPI-PM: BG removal of 1 network analyst CR approved and deliverables coming along nicely for November delivery. Network survey results documented and uploaded to doc. mgmt tab. 10/12/08 DPI-PM: BG P&D phase extension CR approved and now moving towards bringing on first network analyst for deliverable development. There will be another CR in October to adjust the project costs due to only one network analyst being hired until after 1 July 09. 9/17/08 DPI-PM: BG P&D phase to be extended by 11/30/08 via pending CR. This is based on sponsor decision to include new staff in planning process instead of execution alone. This will extend project for closeout portion into July 09. 8/8/08 DPI-PM: P&D phase is to be extended to 9/30/08 via pending CR002. This is due to HR delays in getting new positions in Beacon. Business Owner does not expect this delay to require extending project end date beyond scheduled 6/30/09. EPMOQA: 08/05/09: This infrastructure initiative, part of the DPI School Connectivity program, was approved for Planning and Design phase activities on May 20, 2008. The project was approved for Execution and Build phase activities on February 17, 2008. The project was approved for Implementation phase activities on May 21, 2009. EPMOQA: 08/05/09: INITIAL: The project had a total investment cost (TCO) budget of $1,172,015 with a planned completion date of June 30, 2009. Development was expected to cost $175,375.

Project -   School Connectivity - Implement the NCDPI Network Engineering Support Service

Snapshot Name -   August 2009

	EPMOQA: 08/05/09: BASELINE: The project had a baseline TCO budget of $1,056,435. Baseline development costs were expected to be 2,355 hours and $122,115. The project expected to deliver four (4) business functional requirements by August 31, 2009. EPMOQA: 08/05/09: PERFORMANCE: The project was within budget in hours (zero (0) variance) and slightly over budget in dollars ($1,675 or 1.4%). Development had a budget of 2,355 hours and $122,115 with actual costs of 2,355 hours and $123,790. The project provided full-function scope delivery for four (4) business functional requirements within the revised planned completion date of August 31, 2009. EPMOQA: 08/05/09: The project is 100% complete (based on schedule) and is 100% complete with Implementation phase activities that had a planned completion date of July 31, 2009. EPMOQA: 08/05/09: Project status reporting is complete. 6/25/08 DPI-PM JTB: Submitted for QA Review for Initiation Phase Roll-up snapshot. Can anyone explain where it is getting the 'project to date actual hours of 336'? ** Initiation phase actual hours plus Closeout phase planned hours. **
Project Funding (TCO)	8/8/08 DPI-PM: The project TCO will be reduced due to delays in new hires due to Beacon issues. Actual amount will be determined pending actual hire date determinations. EPMOQA: 08/05/09: The project was fully funded.

Project - School Connectivity - Implement the NCDPI Network Engineering Support Service

Snapshot Name -   August 2009

Phase Cost	4/12/09 DPIPM BG: CR adjustments made to hours, budget forecast and status tab. 3/2/09 DPIPM BG: CR submitted to properly align the phase costs that were previously approved for adjustment in Sep 08. 1/6/09 DPIPM BG- Cost forecast modified to reflect P&D gate review work occurring in January per PMA. Dec & Jan hours/cost both updated in Jan 09 cost forecast. Cost variance identified for Oct 08 of $3725 and cost forecast adusted ($3725-908=-2817)in month of Jan to reflect correction that should have occurred in Oct08 due to NWA staff member starting 2 weeks later than planned. Cost adjustment to O&M executed via approved CR and budget tab adjustment for 2014 O&M costs that should've been added with P&D extension. Net impact +$31,144 and CR in doc mgmt tab. 12/12/08 DPIPM BG - cost forecast not modified in Nov for internal personnel cost. Should have been set to $9837. This created variance in forecast seen on cost forecast tab. 10/15/08 DPI-PM-BG CR for 60 day extension approved. Aug & Sep costs of $2050 each (net $4100) supplied. Variance of $2052 corrected 8/8/08 DPI-PM: The Business Owner has requested and approved and additional 2 months of P&D phase due to HR delays in getting new positions posted. CR002 is pending Jim Dolan approval. An approved hard copy is in the doc management tab. P&D phase end date will change from 7/31/08 to 9/30/08. Addtional P&D cost will increase by $4,100 of internal resources. EPMOQA: 08/05/09: The project was within budget in hours (zero (0) variance) and within budget in dollars (zero (0) variance) for Implementation phase activities that had a planned completion date of July 31, 2009. The Implementation phase of the project had a revised budget of 569 hours and $29,511 with actual costs of 569 hours and $29,511.
Project Scope	EPMOQA: 08/05/09: The project achieved full-function scope delivery for four (4) business functional requirements.
Phase Milestones	NCDPIPM BG: 11/12/08 The project has been extended for P&D due to the requirement of the sponsor that new staff . With each approved CR from the sponsor, the forecast dates for the deliverables were adjusted accordingly. This was previously addressed in the general status indicator section on 9/17/08 as well. EPMOQA: 08/05/09: The project had provided workflow phase milestones and key project deliverables. All milestones and key project deliverables have been achieved.
Project Staff Utilization	EPMOQA: 08/05/09: The project was within the staff resource utilization plan in hours project to date (zero (0) variance).
Project Issue and Risk Management	EPMOQA: 08/05/09: The project had provided corrective action plans for all identified issues. All issues have been closed.

Project - School Connectivity - Implement the NCDPI Network Engineering Support Service

Snapshot Name - August 2009

Monthly Status Reporting	DPIPM BG 12/1/08: The projects internal status review was completed on 11/24/08 and the PM failed to set the status to "QA Review" this was done on 12/1/08. EPMOQA: 08/05/09: The project was reporting July 2009 data. Project status reporting is complete. 7/1/08 DPI-PM JTB: May 08 Status submitted for QA Review

Project Information Section

Project Name	School Connectivity - Implement the NCDPI Network Engineering Support Service		
Start Date	4/23/2008	End Date	8/31/2009
Creation Date	4/7/2008	Workflow Status	Complete
Fixed Start Date		Fixed End Date	
Benefits Start Date	8/31/2009	Capitalization Months	60
Project ID	DPI08110	Priority	
Project Range	$500,000 - $3,000,000	Proj. Range Level of Confidence	75-100%
Type of Project	Infrastructure	Budget Code	23515 2540
Initiation Phase Cost	2050	Planning Phase Cost	29095
Department or Agency	Public Instruction, Department of	Project Manager Telephone	919-807-4158
Division	Technology Services	Project Security Contact	Robin Burley, 807-3023
Project Manager Name	Beau Garcia	Project Sponsor Organization	Technology Services
Project Manager Email	bgarcia@dpi.state.nc.us	Project Sponsor	Ed Chase

Initiation Phase

Project Definition

Project Goals	1. Identify and hire additional DPI personnel to assist the K12 LEA's with network management, support, and planning. 2. Define and document a support service organizational plan. 3. Define and establish best practices for network management, support and planning. 4. Define and establish processes for network management, support and planning. 5. Define and establish a support service governance model. 6. Define and establish a support service Communications Plan. 7. Define and establish a Training plan that ensures that LEA's will know how and when to utilize this Support Service.

Project - School Connectivity - Implement the NCDPI Network Engineering Support Service

Snapshot Name -   August 2009

Initiation Phase	
Project Deliverables	1. Support Service Job Descriptions. 2. Support Service Organizational Plan to include roles and responsibilities, descriptions, and an organizational chart. 3. A Network Engineering Services Best Practices document for network management, support and planning. 4. Documented processes for network management, support and planning. 5. Documented Support Service Governance Model that addresses NCDPI, ITS, MCNC, LEA's and Last Mile Providers concerning network issues and assistance. 6. Documented Support service Communications Plan that addresses NCDPI, ITS, MCNC, LEA's and Last Mile Providers. 7. Document and Implement a LEA Training Plan that addresses the proper utilization of this support service.
Proposed Strategy	1. Establish the NCDPI Network Engineering support service advisory staff so that the LEA needs may be adequately met. 2. Hold regional Network Engineering strategy and training staff development opportunities 3. Assist the Instructional Regional consultants and LEA staff with technology planning assistance as it relates to Network Infrastructure on an Ad-Hoc basis 4. Assist the LEAs with Network Infrastructure questions and assistance with both planned events and Ad-Hoc opportunities. 5. Leverage contracted resources to provide Network assessments and network evaluation services to the LEAs.

Project - School Connectivity - Implement the NCDPI Network Engineering Support Service

Snapshot Name -   August 2009

Initiation Phase

Project Organization and Roles	Peter Asmar, NCDPI CIO Rebecca Garland, NCDPI Associate Superintendent Mike Veckentstedt, NCDPI CTO Neill Kimrey, Director, Instructional Technology Division, NCDPI Mary Lou Daily, DPI Regional Technology Consultant, Business Subject Matter Expert Melanie Honeycutt, DPI Regional Technology Consultant, Business Subject Matter Expert Ed Chase, Director, NCDPI K12 Connectivity Consulting Services Alisa Cutler, EPMO PMA Annette Murphy, NCDPI ITPMO Director Lucy Cornelius, NCDPI QA Manager Beau Garcia, NCDPI Project Manager Plil Emer, Managing Director, Friday Institute Technical Project Team Partners -- NC EdNET -- NCREN -- NC Wise -- NC ITS -- MCNC NCDPI -- will co-manage all aspects of the project with FI -- NC State University/NCREL/Project Tomorrow -- the Friday Institute for Educational Innovation Possible Last Mile Connectivity Partners -- AT&T -- Embarq -- Time Warner Cable Stakeholders representing the LEAs and public schools: -- LEA Technology Directors

Planning and Design Phase

Agency Document Checklist			
Select the artifacts this project will or will not be producing:			
Project Plan	Yes	Work Breakdown Structure (WBS)	Yes
Staffing Plan	Yes	Business Reqs Documented	Yes
Communication Plan	Yes	Hardware & Software Procurement	Yes
Change Management Plan	Yes	Training Plan	Yes

Project -   School Connectivity - Implement the NCDPI Network Engineering Support Service

Snapshot Name -   August 2009

Planning and Design Phase			
Project Test Plan	N/A	Deployment/Rollout Plan	Yes
Acceptance Criteria	Yes	Risk Management Plan	Yes
Data Conversion/Migration Plan		Project Quality Assurance Plan	N/A
Statement of Work (SOW)	N/A	Configuration Management Plan	N/A

Execution and Build Phase			
Agency Document Checklist			
Select the artifacts this project will or will not be producing:			
System Integration Plan		Test and Acceptance Results	N/A
Pilot Results	N/A	Change Management Plan	Yes
Disaster Recovery/Business Continuity Plan	N/A	Operations & Maintenance Transition Plan	Yes

Project - School Connectivity - Implement the NCDPI Network Engineering Support Service

Snapshot Name - August 2009

Project Status Attributes			
Overall Project Hours Cost			
Project Month Actual Hours	190	Project Month Plan Hours	190
Project to Date Actual Hours	2355	Project to Date Plan Hours	2355
Project to Date Variance Hours	0.00 %		
Planning and Design Phase Cost			
Hours			
Phase Month Actual Hours	0	Estimate to Complete Phase Hours	0
Phase Month Plan Hours	0	Total Phase Estimated Hours	561
Phase To Date Actual Hours	561	Total Approved Phase Hours	561
Phase To Date Plan Hours	561	Phase Variance Percentage Hours	0.00 %
Dollars			
Estimate to Complete Phase Dollars	0	Total Approved Phase Budget Dollars	29,093
Phase Variance Percentage Dollars	5.76 %		
Execution and Build Phase Cost			
Hours			
Phase Month Actual Hours	0	Estimate to Complete Phase Hours	0
Phase Month Plan Hours	0	Total Phase Estimated Hours	995
Phase to Date Actual Hours	995	Total Approved Phase Hours	995
Phase to Date Plan Hours	995	Phase Variance Percentage Hours	0.00 %
Dollars			
Estimate to Complete Phase Dollars	0	Total Approved Phase Budget Dollars	51,624
Phase Variance Percentage Dollars	0.00 %		
Implementation Phase Cost			
Hours			
Phase Month Actual Hours	190	Estimate to Complete Phase Hours	0

Project -   School Connectivity - Implement the NCDPI Network Engineering Support Service

Snapshot Name -   August 2009

Phase Month Plan Hours	190	Total Phase Estimated Hours	569
Phase to Date Actual Hours	569	Total Approved Phase Hours	569
Phase to Date Plan Hours	569	Phase Variance Percentage Hours	0.00 %
Dollars			
Estimate to Complete Phase Dollars	0	Total Approved Phase Budget Dollars	29,511
Phase Variance Percentage Dollars	0.00 %		
Project Closeout Phase Cost			
Hours			
Phase Month Actual Hours		Estimate to Complete Phase Hours	0
Phase Month Plan Hours		Total Phase Estimated Hours	
Phase To Date Actual Hours		Total Approved Phase Hours	
Phase To Date Plan Hours		Phase Variance Percentage Hours	
Dollars			
Estimate to Complete Phase Dollars	0	Total Approved Phase Budget Dollars	
Phase Variance Percentage Dollars			
Business Functional Requirements (Scope)			
Original Number Business Functional Requirements:		4	
Total Number of Submitted Changes:		0	
Total Number of Approved Changes:		0	
Current Number Business Functional Requirements:		4	
Will all business functional requirements be delivered?		Yes	
Project Status Report Step			
Accomplishments this Period			
July 2009 Completed gate review checklist			
Plans for Next Period			

Project -   School Connectivity - Implement the NCDPI Network Engineering Support Service

Snapshot Name -   August 2009

August 2009
 Execute survey
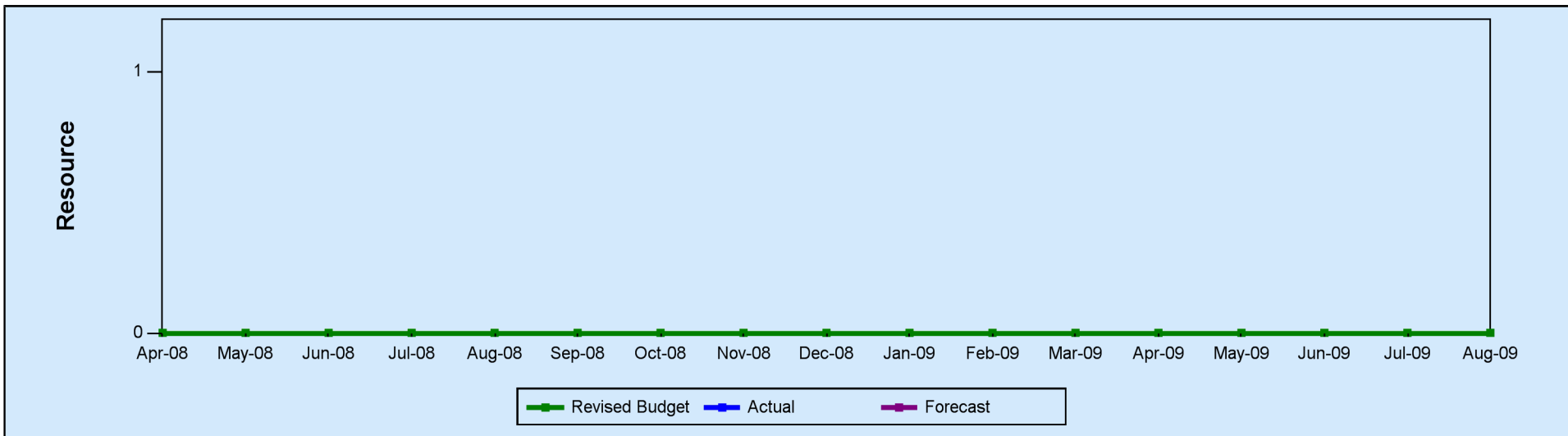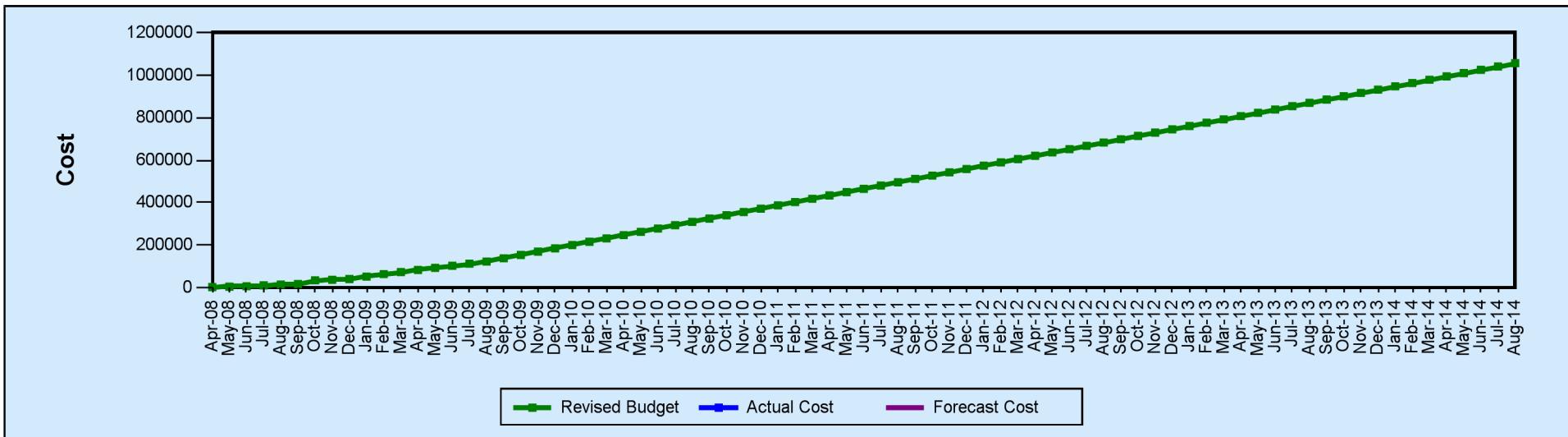 Generate lessons learned doc
 Complete QA closeout review

Project - School Connectivity - Implement the NCDPI Network Engineering Support Service

Snapshot Name - August 2009

Trend Analysis

Project - School Connectivity - Implement the NCDPI Network Engineering Support Service

Snapshot Name -   August 2009

Cost Break Down

Levels	Revised Budget					Actual Cost			Forecast Cost				
	Aug-2009	YTD	To Date	2010	TC	Aug-2009	YTD	TC	Aug-2009	YTD	To Date	2010	TC
Total Investment Cost	$ 9,837	$ 19,674	$ 122,115	$ 175,394	$ 1,056,435	$ 0	$ 19,674	$ 123,790	$ 0	$ 19,674	$ 125,840	$ 175,394	$ 1,060,160
Project Costs	$ 9,837	$ 19,674	$ 122,115	$ 19,674	$ 122,115	$ 0	$ 19,674	$ 123,790	$ 0	$ 19,674	$ 125,840	$ 19,674	$ 125,840
Initiation	$ 0	$ 0	$ 2,050	$ 0	$ 2,050	$ 0	$ 0	$ 2,050	$ 0	$ 0	$ 2,050	$ 0	$ 2,050
Internal Personnel	$ 0	$ 0	$ 2,050	$ 0	$ 2,050	$ 0	$ 0	$ 2,050	$ 0	$ 0	$ 2,050	$ 0	$ 2,050
Infrastructure-Software	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other (Describe)	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
External Personnel	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Infrastructure-Hardware	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other External Costs	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Planning & Design	$ 0	$ 0	$ 29,093	$ 0	$ 29,093	$ 0	$ 0	$ 30,768	$ 0	$ 0	$ 32,818	$ 0	$ 32,818
Internal Personnel	$ 0	$ 0	$ 29,093	$ 0	$ 29,093	$ 0	$ 0	$ 30,768	$ 0	$ 0	$ 32,818	$ 0	$ 32,818
Infrastructure-Hardware	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other (Describe)	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
External Personnel	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other External Costs	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Infrastructure-Software	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Execution & Build	$ 0	$ 0	$ 51,624	$ 0	$ 51,624	$ 0	$ 0	$ 51,624	$ 0	$ 0	$ 51,624	$ 0	$ 51,624
Internal Personnel	$ 0	$ 0	$ 51,624	$ 0	$ 51,624	$ 0	$ 0	$ 51,624	$ 0	$ 0	$ 51,624	$ 0	$ 51,624
Infrastructure-Hardware	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0

Project -   School Connectivity - Implement the NCDPI Network Engineering Support Service

Snapshot Name -   August 2009

Cost Break Down

Levels	Revised Budget					Actual Cost			Forecast Cost				
	Aug-2009	YTD	To Date	2010	TC	Aug-2009	YTD	TC	Aug-2009	YTD	To Date	2010	TC
Other (Describe)	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
External Personnel	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other External Costs	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Infrastructure-Software	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Implementation	$ 0	$ 9,837	$ 29,511	$ 9,837	$ 29,511	$ 0	$ 9,837	$ 29,511	$ 0	$ 9,837	$ 29,511	$ 9,837	$ 29,511
Internal Personnel	$ 0	$ 9,837	$ 29,511	$ 9,837	$ 29,511	$ 0	$ 9,837	$ 29,511	$ 0	$ 9,837	$ 29,511	$ 9,837	$ 29,511
External Personnel	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other External Costs	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Infrastructure-Hardware	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Infrastructure-Software	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other (Describe)	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Project Closeout	$ 9,837	$ 9,837	$ 9,837	$ 9,837	$ 9,837	$ 0	$ 9,837	$ 9,837	$ 0	$ 9,837	$ 9,837	$ 9,837	$ 9,837
Internal Personnel	$ 9,837	$ 9,837	$ 9,837	$ 9,837	$ 9,837	$ 0	$ 9,837	$ 9,837	$ 0	$ 9,837	$ 9,837	$ 9,837	$ 9,837
External Personnel	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other External Costs	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Infrastructure-Hardware	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Infrastructure-Software	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other (Describe)	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other Investment Costs	$ 0	$ 0	$ 0	$ 155,720	$ 934,320	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 155,720	$ 934,320

Project -   School Connectivity - Implement the NCDPI Network Engineering Support Service

Snapshot Name -   August 2009

Cost Break Down													
Levels	**Revised Budget**					**Actual Cost**			**Forecast Cost**				
	Aug-2009	**YTD**	**To Date**	**2010**	**TC**	**Aug-2009**	**YTD**	**TC**	**Aug-2009**	**YTD**	**To Date**	**2010**	**TC**
Operations & Maintenance	$ 0	$ 0	$ 0	$ 155,720	$ 934,320	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 155,720	$ 934,320
Internal Personnel	$ 0	$ 0	$ 0	$ 155,720	$ 934,320	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 155,720	$ 934,320
External Personnel	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other External Costs	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Infrastructure-Hardware	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Infrastructure-Software	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other (Describe)	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0

Project -   School Connectivity - Implement the NCDPI Network Engineering Support Service

Snapshot Name -   August 2009

Project Schedule

Project -   School Connectivity - Implement the NCDPI Network Engineering Support Service

Snapshot Name -   August 2009

◆ Planned Milestone   ◆ Forecast Milestone

Project - School Connectivity - Implement the NCDPI Network Engineering Support Service

Snapshot Name - August 2009

Project Phases

Phase Name	Planned Start Date	Planned End Date	Forecast Start Date	Forecast End Date	Completion(%)
Initiation - Workflow	04/23/2008	04/30/2008	04/23/2008	04/30/2008	100.00 %
Planning and Design - Workflow	05/01/2008	11/30/2008	05/01/2008	01/31/2009	100.00 %
Execution and Build - Workflow	12/01/2008	04/30/2009	12/01/2008	04/30/2009	100.00 %
Implementation - Workflow	05/01/2009	07/31/2009	05/01/2009	07/31/2009	100.00 %
Project Closeout - Workflow	08/01/2009	08/31/2009	08/01/2009	08/31/2009	100.00 %

Project Milestones

Milestone Name	Planned Date	Forecast Date	Variance(days)
Start Date	04/23/2008	04/23/2008	0
Complete Initiation Phase	04/30/2008	04/30/2008	0
Complete & Post NW Eng Support Positions	06/30/2008	06/30/2008	0
Interview initial support team candidates	08/29/2008	08/29/2008	0
Finalize Support Team Organization Structure	10/15/2008	10/15/2008	0
Finalize Project Budget	11/07/2008	11/07/2008	0
P&D PM deliverables complete	11/12/2008	11/12/2008	0
Document Training Plan	11/28/2008	11/28/2008	0
Generate Project Schedule	11/30/2008	11/30/2008	0
Draft status report NW Service	12/31/2008	12/31/2008	0
Procure training for NWA	01/30/2009	02/13/2009	-14
Develop Service Org Plan	01/30/2009	01/30/2009	0
Develop NW supp svc best practices document	01/30/2009	01/30/2009	0
Draft service delivery strategy document	01/30/2009	01/30/2009	0
Generate LEA survey question list	02/06/2009	02/06/2009	0
Execute LEA survey	02/13/2009	02/13/2009	0

Project -   School Connectivity - Implement the NCDPI Network Engineering Support Service

Snapshot Name -   August 2009

Project Milestones			
Milestone Name	**Planned Date**	**Forecast Date**	**Variance(days)**
Analyze LEA survey results	03/09/2009	03/09/2009	0
Develop Documented processes for NW Support	03/31/2009	03/31/2009	0
Complete NWA Training	04/30/2009	04/30/2009	0
Communicate NWSB service availability	05/30/2009	05/30/2009	0
Perform first 30 days of service delivery review	06/29/2009	06/29/2009	0
Perform gate review checklist	07/31/2009	07/31/2009	0
Execute LEA satisfaction survey	08/03/2009	08/03/2009	0
Generate lessons learned doc	08/10/2009	08/10/2009	0
Complete QA closeout review	08/20/2009	08/20/2009	0
End Date	08/31/2009	08/31/2009	0

Project -   School Connectivity - Implement the NCDPI Network Engineering Support Service

Snapshot Name -   August 2009

Project Change Requests

Name	Cost	Owner	Date Opened	Approved Date
Extend Planning & Design Phase	$ 2,050	Alisa Cutler	06/24/2008	06/25/2008
Resource Delays in P&D Phase	$ 4,100	Alisa Cutler	07/24/2008	08/12/2008
Extend P&D 60 days	$ 35,246	Alisa Cutler	09/29/2008	10/16/2008
Removal of 1 Network Analyst from project	-$ 93,432	Alisa Cutler	11/03/2008	11/13/2008
B&E phase adjustment	$ 0	Alisa Cutler	03/03/2009	03/11/2009

Issues

Title	Weight	Owner	Date Entered	Completed
Accomplishments1081	High	Beau Garcia	10/2/2008	On 11/14/2008
Approval191	Low	Beau Garcia	1/16/2009	On 2/4/2009
Approval491	High	Beau Garcia	4/16/2009	On 4/21/2009
Approval591	High	Beau Garcia	5/16/2009	On 6/8/2009
Approval592	Medium	Beau Garcia	5/16/2009	On 6/8/2009
Benefits10821	Low	Beau Garcia	10/24/2008	On 11/14/2008
Budget Code / Spending	Medium	Jerry Bunn	5/19/2008	On 6/24/2008
Budget1081	Medium	Beau Garcia	10/2/2008	On 11/14/2008
Budget1082	Medium	Beau Garcia	10/2/2008	On 11/7/2008
Budget10821	Medium	Beau Garcia	10/24/2008	On 11/20/2008
Budget291	High	Beau Garcia	2/23/2009	On 4/10/2009
Budget391	High	Beau Garcia	3/10/2009	On 4/15/2009
Budget392	Medium	Beau Garcia	3/10/2009	On 4/10/2009
Budget681	Low	Jerry Bunn	6/30/2008	On 7/1/2008
Budget781	Medium	Jerry Bunn	7/5/2008	On 7/7/2008
Completion %191	Low	Beau Garcia	1/16/2009	On 2/4/2009
Costs1081	High	Beau Garcia	10/2/2008	On 11/14/2008

Project -   School Connectivity - Implement the NCDPI Network Engineering Support Service

Snapshot Name -   August 2009

Issues				
Title	**Weight**	**Owner**	**Date Entered**	**Completed**
Hours391	Medium	Beau Garcia	3/10/2009	On 4/10/2009
Issues591	Medium	Beau Garcia	5/16/2009	On 6/9/2009
Milestones10821	High	Beau Garcia	10/24/2008	On 11/4/2008
MS Project Plan 12.22.08	Medium	Alisa Cutler	12/22/2008	On 2/23/2009
Network Surveys	Medium	Alisa Cutler	8/20/2008	On 12/15/2008
Planning1081	Low	Alisa Cutler	10/2/2008	On 12/15/2008
Planning681	Low	Jerry Bunn	6/30/2008	On 7/1/2008
Planning682	Medium	Jerry Bunn	6/30/2008	On 7/1/2008
Risk681	Medium	Jerry Bunn	6/30/2008	On 7/1/2008
Schedule10821	Medium	Beau Garcia	10/24/2008	On 11/17/2008
Training-procurement	Medium	Beau Garcia	2/4/2009	On 2/10/2009

Risks				
Title	**Weight**	**Owner**	**Date Entered**	**Completed**
Communication	Low	Jerry Bunn	7/1/2008	On 7/1/2008
Schedule	Low	Jerry Bunn	7/1/2008	On 7/1/2008

Project - School Connectivity - Implement the NCDPI E-Rate Support Service

Snapshot Name -   May 2009

Detailed Indicators

Project Name	Overall	Project Funding (TCO)	Phase Cost	Project Scope	Phase Milestones	Project Staff Utilization	Project Issue and Risk Management	Monthly Status Reporting	Previous Overall	
School Connectivity - Implement the NCDPI E-Rate Support Service	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	

Actual Start Date	Actual End Date	% Cost Complete	% Work Complete	% Schedule Complete	Workflow Status
4/10/2008	5/31/2009	29 %	0 %	100 %	Complete

Project - School Connectivity - Implement the NCDPI E-Rate Support Service

Snapshot Name - May 2009

| Overall | DPIPM BG: 5/8/09 Training completed and working on closeout items.
DPIPM BG: 4/12/09 Training underway and progressing nicely.
DPIPM BG: 3/2/09 Gate review completed at agency & PMA. Awaiting final statewide approval into Imp. phase.
DPIPM BG: 2/4/09 Progressing nicely and preparing for IMP gate.
DPIPM BG: 1/8/09 First deliverables completed and progressing nicely. Cost item indicator was previously addressed per directive from the PMA and EPMO director. This action was explained in the same indicator and the issue created as well.
DPIPM BG: 12/9/08 Issues addressed, gate review completed and project in B&E phase.

EPMOQA: 05/16/09: This infrastructure initiative, part of the School Connectivity program, was approved for Planning and Design phase activities on May 20, 2008. The project was re-submitted and re-approved for Planning and Design phase activities on July 14, 2008. The project was approved for Execution and Build phase activities on December 10, 2008. The project was approved for Implementation phase activities on March 18, 2008.

EPMOQA: 05/16/09: INITIAL: The project had a total investment cost (TCO) budget of $1,356,995 with a planned completion date of June 30, 2009. Implementation was expected to cost $355,425.

EPMOQA: 05/16/09: BASELINE: The project had a baseline TCO budget of $1,373,639. Implementation was expected to cost 3,862 hours and $320,434. The project expected to deliver four (4) business functional requirements by August 30, 2009.

EPMOQA: 05/16/09: REVISED: The project had a newly revised TCO budget of $1,305,169 (decrease of $15,601 or 1.2%). Revised development costs were expected to be 2,843 hours and $267,565 with a revised planned completion date of May 31, 2009.

EPMOQA: 05/16/09: PERFORMANCE: The project was within budget in hours (zero (0) variance) and over budget in dollars ($32,950 or 12.3%). Development had a budget of 2,843 hours and $267,565 with actual costs of 2,843 hours and $300,515. The project delivered full-function scope (four (4) business functional requirements) within the revised planned completion date.

EPMOQA: 05/16/09: The project is 93% complete (based on schedule) and is 100% complete with Implementation phase activities that had a planned completion date of April 30, 2009.

EPMOQA: 05/16/09: Project status reporting is complete.

DPI-PM: BG 10/12/08 The project had P&D extended by 2 months. The hours & budget issues have been addressed.

9/29/08 DPI-PM BG: Both initial and follow up interviews completed and offers tendered to first choices for each region. Now awaiting on negotiations to be completed with firm start dates. Sponsor has requested 60 day extension to P&D phase so that new hires can be part of planning and organization development. Financials and schedule items updated to reflect CR.

7/24/08 DPI-PM JTB: Resource positions have now been posted so the effort will begin to make forward progress.

6/25/08 DPI-PM JTB: Project submitted to QA Review for Initiation Phase Status Roll-up snapshot. Can anyone explain where it is getting the 'project to date actual hours of 375? |

Project -   School Connectivity - Implement the NCDPI E-Rate Support Service

Snapshot Name -   May 2009

Project Funding (TCO)	EPMOQA: 05/16/09: The project was fully funded.
Phase Cost	DPI-PM BG: 1/08/09 This item was addressed per directive from the PMA and EPMO director. This action was explained in this same indicator below and the issue created as well. DPI-PM BG: 11/21/08 This item was addressed per directive from the PMA and EPMO director and detailed in the issue as well. EPMOQA: 05/16/09: The project was within budget in hours (zero (0) variance) and within budget in dollars (zero (0) variance) for Implementation phase activities that had a planned completion date of April 30, 2009. The Implementation phase of the project had a newly revised budget of 679 hours (increase of 30 hours or 4.6%) and $35,246 with actual costs of 679 hours and $35,246. DPI-PM: BG 11/6/08: The project is not over budget for phase or project. The $70,000 in P&D vs the -$35,000 in B&E = +$35,000 that was moved between phases due to the P&D schedule extension CR. This was addressed in the issue labeled "Budget-FFL" logged in around 24 Oct 2008 by the PM. Net sum balances across project and expenditure of $35,000 didn't change, only changed in phase accounted for. This is verified by review of the financials document as well. 10/12/08 BG Business owner approved CR to extend P&D phase by another 2 months. Aug phase costs entered w/Sep 08 to bring costs current. Aug ($20,050) & Sep 2008 ($20,050) costs reported in Sep 08 block DPI-PM: 08/06/08: The Business Owner approved a CR to extend the P&D Phase by 2 months until 9/30/08. Refer to the Project CR002. P&D Phase cost will increase by $40,100. However, E&B cost will be reduced. The Business Owner does not currently expect that the overall project will need to be extended..
Project Scope	DPIPM BG: Training requirements reduced based on feedback from customer base and sponsor. EPMOQA: 05/16/09: The project achieved full-function scope delivery for four (4) business functional requirements.
Phase Milestones	DPI-PM BG: 11/6/08 The deliverables for P&D are underway for delivery as planned through the most recent CR with the sponsor and the arrival of the new employees to complete them. EPMOQA: 05/16/09: The project had provided workflow phase milestones and key project deliverables. All milestones and key project deliverables have been achieved. 7/24/08 DPI-PM JTB: P&D phase milestones have been move to 9/30/08 as E-Rate manager request to allow more time to identify SME resources. A CR is ready for post.

Project - School Connectivity - Implement the NCDPI E-Rate Support Service

Snapshot Name -   May 2009

Project Staff Utilization 🟢	DPIPM BG 12/10/08: Hours issue addressed in that issue. EPMOQA: 05/16/09: The project was within the staff resource utilization plan in hours project to date (zero (0) variance).
Project Issue and Risk Management 🟢	10/12/08 BG Schedule items addressed. EPMOQA: 05/16/09: The project had provided corrective action plans for all identified issues. All issues have been closed.
Monthly Status Reporting 🟢	DPI-PM JTB: Project reporting can resume normal track now that 2nd G1 approval is completed. There is no status tab during G1 approval cycle. DPI-PM 06/30/08: May 2008 P&D phase status for review. EPMOQA: 05/16/09: The project was reporting April 2009 data. Project status reporting is complete.

Project Information Section

Project Name	School Connectivity - Implement the NCDPI E-Rate Support Service		
Start Date	4/10/2008	End Date	5/31/2009
Creation Date	4/7/2008	Workflow Status	Complete
Fixed Start Date		Fixed End Date	
Benefits Start Date	5/31/2009	Capitalization Months	60
Project ID	DPI08109	Priority	
Project Range	$500,000 - $3,000,000	Proj. Range Level of Confidence	75-100%
Type of Project	Infrastructure	Budget Code	23515 2540
Initiation Phase Cost	2050	Planning Phase Cost	175350
Department or Agency	Public Instruction, Department of	Project Manager Telephone	919-807-4064
Division	Technology Services	Project Security Contact	Robin Burley, 807-3223
Project Manager Name	Beau Garcia	Project Sponsor Organization	Technology Services
Project Manager Email	bgarcia@dpi.state.nc.us	Project Sponsor	Ed Chase

Initiation Phase

Project Definition

Project -   School Connectivity - Implement the NCDPI E-Rate Support Service

Snapshot Name -   May 2009

Initiation Phase	
Project Goals	1. Identify and hire additional DPI personnel to assist the state E-Rate coordinator and LEAs in their E-Rate filing efforts. 2. Define and document a support service organizational plan. 3. Define and establish best practices for the following: E-rate filing, Program Integrity Assurance (PIA) Review questions, and audits. 4. Define and establish processes for the following: E-rate filing, PIA Review questions, and audits. 5. Define and establish a support service governance model. 6. Assist LEA tech directors with LEA technology planning as required by the E-Rate program. 7. Establish and maintain MOUs between ITS, NC DPI, WinstonNet, and LEAs for use of the E-Rate Consortium application. 8. Establish (Educational Service Agency) ESA status for ITS. 9. Work with ITS to maximize discounts when establishing contracts and RFPs for E-Rate eligible services.
Project Deliverables	1. Support Service Job Descriptions. 2. Support Service Organizational Plan to include roles and responsibilities, descriptions, and an organizational chart. 3. An E-Rate Services Best Practices document for the following: E-rate filing, Program Integrity Assurance (PIA) Review questions, and audits. 4. Documented processes for the following: E-Rate filing, PIA Review questions, and audits. 5. Documented Support Service Governance Model. 6. A mechanism to verify submission of LEA Technology Plans as required by the E-Rate program. 7. MOUs between ITS, NC DPI, WinstonNet, and LEAs for use of the E-Rate Consortium application and an associated archival mechanism to house the artifacts. 8. A bill entity number from USAC schools and Libraries Division.
Proposed Strategy	1. Establish the E-rate service center staff so that the state and LEA E-Rate needs may be adequately met. 2. Hold regional E-rate strategy and training staff development opportunities 3. Assist the Instructional Regional consultants and LEA staff with technology planning assistance as it relates to E-Rate on an Ad-Hoc basis 4. Assist the LEAs with E-Rate questions and assistance with both planned events and Ad-Hoc opportunities. 5. Amend current contract with E-Rate Central for an additional 12 months of subject matter expertise to assist the State E-Rate support service with State E-Rate filings, reviews and audits. 6. Work with E-Rate Central to establish time proven best practices for maximizing the LEA benefits of E-Rate as well as the processes necessary to maintain that optimization. 7. Work with ITS to mazimize billing structure to ease filing or auditing of E-Rate applications.

Project - School Connectivity - Implement the NCDPI E-Rate Support Service

Snapshot Name -   May 2009

Initiation Phase

Project Organization and Roles	Peter Asmar, NCDPI CIO Chief Academic Officer, Rebecca Garland, NCDPI Mike Veckentstedt, NCDPI CTO Neill Kimrey, Director, Instructional Technology Division, NCDPI Annemarie Timmerman, DPI Regional Technology Consultant, Business Subject Matter Expert Mary Lou Daily, DPI Regional Technology Consultant, Business Subject Matter Expert Kerry Mebane, DPI Regional Technology Consultant, Business Subject Matter Expert Melanie Honeycutt, DPI Regional Technology Consultant, Business Subject Matter Expert Acacia Dixon, DPI Regional Technology Consultant, Business Subject Matter Expert Ed Chase, Director, NCDPI K12 Connectivity Consulting Services Alisa Cutler, EPMO PMA Annette Murphy, NCDPI ITPMO Director Lucy Cornelius, NCDPI QA Manager Beau Garcia, NCDPI Project Manager Plil Emer, Managing Director, Friday Institute Technical Project Team Partners -- NC EdNET -- NCREN -- NC Wise -- NC ITS -- MCNC - NC ITS Consortium - WinstonNet Consortium - Stakeholders representing the LEAs and public schools: -- Instructional Technology Directors

Planning and Design Phase

Agency Document Checklist			
Select the artifacts this project will or will not be producing:			
Project Plan	Yes	Work Breakdown Structure (WBS)	Yes
Staffing Plan	Yes	Business Reqs Documented	Yes
Communication Plan	Yes	Hardware & Software Procurement	Yes
Change Management Plan	No	Training Plan	No
Project Test Plan	N/A	Deployment/Rollout Plan	N/A

Project -   School Connectivity - Implement the NCDPI E-Rate Support Service

Snapshot Name -   May 2009

Planning and Design Phase			
Acceptance Criteria	Yes	Risk Management Plan	Yes
Data Conversion/Migration Plan		Project Quality Assurance Plan	N/A
Statement of Work (SOW)	N/A	Configuration Management Plan	N/A

Execution and Build Phase			
Agency Document Checklist			
Select the artifacts this project will or will not be producing:			
System Integration Plan		Test and Acceptance Results	N/A
Pilot Results	N/A	Change Management Plan	No
Disaster Recovery/Business Continuity Plan	N/A	Operations & Maintenance Transition Plan	N/A

Project Status Report

Project - School Connectivity - Implement the NCDPI E-Rate Support Service

Snapshot Name -   May 2009

Project Status Attributes			
Overall Project Hours Cost			
Project Month Actual Hours	339.5	Project Month Plan Hours	339.5
Project to Date Actual Hours	2843	Project to Date Plan Hours	2843
Project to Date Variance Hours	0.00 %		
Planning and Design Phase Cost			
Hours			
Phase Month Actual Hours	0	Estimate to Complete Phase Hours	0
Phase Month Plan Hours	0	Total Phase Estimated Hours	1,065
Phase To Date Actual Hours	1,065	Total Approved Phase Hours	1,065
Phase To Date Plan Hours	1,065	Phase Variance Percentage Hours	0.00 %
Dollars			
Estimate to Complete Phase Dollars	0	Total Approved Phase Budget Dollars	175,350
Phase Variance Percentage Dollars	39.92 %		
Execution and Build Phase Cost			
Hours			
Phase Month Actual Hours	0	Estimate to Complete Phase Hours	0
Phase Month Plan Hours	0	Total Phase Estimated Hours	1,019
Phase to Date Actual Hours	1,019	Total Approved Phase Hours	1,019
Phase to Date Plan Hours	1,019	Phase Variance Percentage Hours	0.00 %
Dollars			
Estimate to Complete Phase Dollars	0	Total Approved Phase Budget Dollars	52,869
Phase Variance Percentage Dollars	-66.20 %		
Implementation Phase Cost			
Hours			
Phase Month Actual Hours	340	Estimate to Complete Phase Hours	0

Project - School Connectivity - Implement the NCDPI E-Rate Support Service

Snapshot Name -   May 2009

Phase Month Plan Hours	340	Total Phase Estimated Hours	679
Phase to Date Actual Hours	679	Total Approved Phase Hours	679
Phase to Date Plan Hours	679	Phase Variance Percentage Hours	0.00 %
Dollars			
Estimate to Complete Phase Dollars	0	Total Approved Phase Budget Dollars	35,246
Phase Variance Percentage Dollars	0.00 %		
Project Closeout Phase Cost			
Hours			
Phase Month Actual Hours		Estimate to Complete Phase Hours	0
Phase Month Plan Hours		Total Phase Estimated Hours	
Phase To Date Actual Hours		Total Approved Phase Hours	
Phase To Date Plan Hours		Phase Variance Percentage Hours	
Dollars			
Estimate to Complete Phase Dollars	0	Total Approved Phase Budget Dollars	
Phase Variance Percentage Dollars			
Business Functional Requirements (Scope)			
Original Number Business Functional Requirements:		4	
Total Number of Submitted Changes:		0	
Total Number of Approved Changes:		0	
Current Number Business Functional Requirements:		4	
Will all business functional requirements be delivered?		Yes	
Project Status Report Step			
Accomplishments this Period			
April 2009 1. Perform E-rate "next steps" training 2. Perform PIA review training			
Plans for Next Period			

Project -   School Connectivity - Implement the NCDPI E-Rate Support Service

Snapshot Name -   May 2009

May 2009
1. Complete closeout documentation.
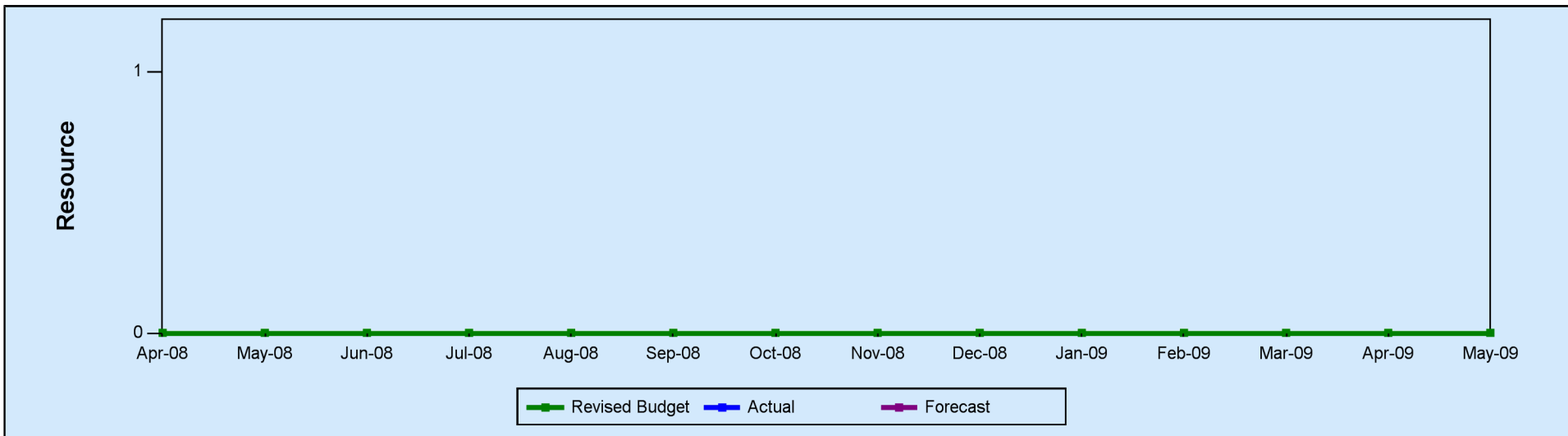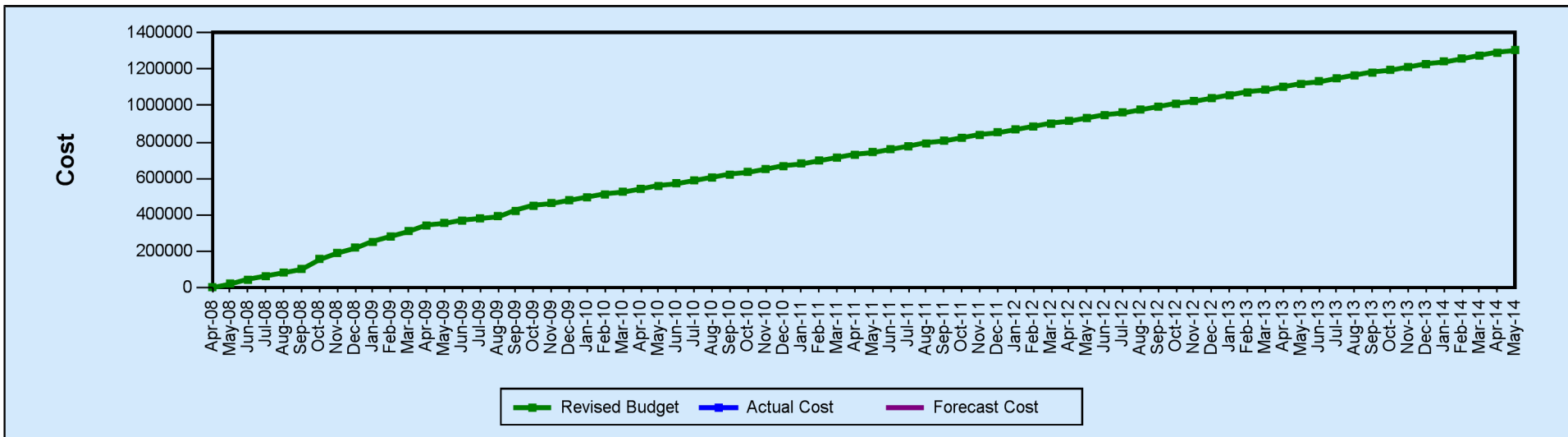
Project -   School Connectivity - Implement the NCDPI E-Rate Support Service

Snapshot Name -   May 2009

Trend Analysis

Project -   School Connectivity - Implement the NCDPI E-Rate Support Service

Snapshot Name -   May 2009

Cost Break Down

Levels	Revised Budget					Actual Cost			Forecast Cost				
	May-2009	YTD	To Date	2009	TC	May-2009	YTD	TC	May-2009	YTD	To Date	2009	TC
Total Investment Cost	$ 14,550	$ 312,915	$ 355,065	$ 325,415	$ 1,305,169	$ 2,050	$ 335,415	$ 377,565	$ 2,050	$ 300,415	$ 342,565	$ 312,915	$ 1,412,669
Project Costs	$ 2,050	$ 225,415	$ 267,565	$ 225,415	$ 267,565	$ 2,050	$ 260,415	$ 302,565	$ 2,050	$ 225,415	$ 267,565	$ 225,415	$ 267,565
Initiation	$ 0	$ 0	$ 2,050	$ 0	$ 2,050	$ 0	$ 0	$ 2,050	$ 0	$ 0	$ 2,050	$ 0	$ 2,050
Internal Personnel	$ 0	$ 0	$ 2,050	$ 0	$ 2,050	$ 0	$ 0	$ 2,050	$ 0	$ 0	$ 2,050	$ 0	$ 2,050
Infrastructure-Software	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other (Describe)	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
External Personnel	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Infrastructure-Hardware	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other External Costs	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Planning & Design	$ 0	$ 135,250	$ 175,350	$ 135,250	$ 175,350	$ 0	$ 205,250	$ 245,350	$ 0	$ 135,250	$ 175,350	$ 135,250	$ 175,350
Internal Personnel	$ 0	$ 10,250	$ 14,350	$ 10,250	$ 14,350	$ 0	$ 10,250	$ 14,350	$ 0	$ 10,250	$ 14,350	$ 10,250	$ 14,350
Infrastructure-Hardware	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other (Describe)	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
External Personnel	$ 0	$ 90,000	$ 126,000	$ 90,000	$ 126,000	$ 0	$ 90,000	$ 126,000	$ 0	$ 90,000	$ 126,000	$ 90,000	$ 126,000
Other External Costs	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Infrastructure-Software	$ 0	$ 35,000	$ 35,000	$ 35,000	$ 35,000	$ 0	$ 105,000	$ 105,000	$ 0	$ 35,000	$ 35,000	$ 35,000	$ 35,000
Execution & Build	$ 0	$ 52,869	$ 52,869	$ 52,869	$ 52,869	$ 0	$ 17,869	$ 17,869	$ 0	$ 52,869	$ 52,869	$ 52,869	$ 52,869
Internal Personnel	$ 0	$ 52,869	$ 52,869	$ 52,869	$ 52,869	$ 0	$ 52,869	$ 52,869	$ 0	$ 52,869	$ 52,869	$ 52,869	$ 52,869
Infrastructure-Hardware	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0

Project -   School Connectivity - Implement the NCDPI E-Rate Support Service

Snapshot Name -   May 2009

Cost Break Down													
Levels	**Revised Budget**					**Actual Cost**			**Forecast Cost**				
	May-2009	**YTD**	**To Date**	**2009**	**TC**	**May-2009**	**YTD**	**TC**	**May-2009**	**YTD**	**To Date**	**2009**	**TC**
Other (Describe)	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
External Personnel	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other External Costs	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Infrastructure-Software	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	-$ 35,000	-$ 35,000	$ 0	$ 0	$ 0	$ 0	$ 0
Implementation	$ 0	$ 35,246	$ 35,246	$ 35,246	$ 35,246	$ 0	$ 35,246	$ 35,246	$ 0	$ 35,246	$ 35,246	$ 35,246	$ 35,246
Internal Personnel	$ 0	$ 35,246	$ 35,246	$ 35,246	$ 35,246	$ 0	$ 35,246	$ 35,246	$ 0	$ 35,246	$ 35,246	$ 35,246	$ 35,246
External Personnel	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other External Costs	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Infrastructure-Hardware	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Infrastructure-Software	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other (Describe)	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Project Closeout	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050
Internal Personnel	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050	$ 2,050
External Personnel	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other External Costs	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Infrastructure-Hardware	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Infrastructure-Software	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other (Describe)	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other Investment Costs	$ 12,500	$ 87,500	$ 87,500	$ 100,000	$ 1,037,604	$ 0	$ 75,000	$ 75,000	$ 0	$ 75,000	$ 75,000	$ 87,500	$ 1,145,104

Project -   School Connectivity - Implement the NCDPI E-Rate Support Service

Snapshot Name -   May 2009

Cost Break Down													
Levels	**Revised Budget**					**Actual Cost**			**Forecast Cost**				
	May-2009	**YTD**	**To Date**	**2009**	**TC**	**May-2009**	**YTD**	**TC**	**May-2009**	**YTD**	**To Date**	**2009**	**TC**
Operations & Maintenance	$ 12,500	$ 87,500	$ 87,500	$ 100,000	$ 1,037,604	$ 0	$ 75,000	$ 75,000	$ 0	$ 75,000	$ 75,000	$ 87,500	$ 1,145,104
Internal Personnel	$ 0	$ 0	$ 0	$ 0	$ 887,604	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 887,604
External Personnel	$ 12,500	$ 87,500	$ 87,500	$ 100,000	$ 150,000	$ 0	$ 75,000	$ 75,000	$ 0	$ 75,000	$ 75,000	$ 87,500	$ 257,500
Other External Costs	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Infrastructure-Hardware	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Infrastructure-Software	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Other (Describe)	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0

Project -   School Connectivity - Implement the NCDPI E-Rate Support Service

Snapshot Name -   May 2009

Project Schedule

Project -   School Connectivity - Implement the NCDPI E-Rate Support Service

Snapshot Name -   May 2009

◆ Planned Milestone   ◆ Forecast Milestone

Project -   School Connectivity - Implement the NCDPI E-Rate Support Service

Snapshot Name -   May 2009

Project Phases

Phase Name	Planned Start Date	Planned End Date	Forecast Start Date	Forecast End Date	Completion(%)
Initiation - Workflow	04/10/2008	04/30/2008	04/10/2008	04/30/2008	100.00 %
Planning and Design - Workflow	05/01/2008	07/31/2008	05/01/2008	11/30/2008	100.00 %
Execution and Build - Workflow	12/01/2008	02/28/2009	12/01/2008	02/28/2009	100.00 %
Implementation - Workflow	03/01/2009	04/30/2009	03/01/2009	04/30/2009	100.00 %
Project Closeout - Workflow	05/01/2009	05/31/2009	05/01/2009	05/31/2009	100.00 %

Project Milestones

Milestone Name	Planned Date	Forecast Date	Variance(days)
Start Date	04/10/2008	04/10/2008	0
Post E-Rate SME positions	06/30/2008	06/30/2008	0
Dev Assistance processes: E-Rate Filing	07/24/2008	11/20/2008	-119
Dev Support Svcs Organizational Plan	07/25/2008	11/30/2008	-128
Finalize project schedule	07/28/2008	11/30/2008	-125
Interview & select SME's	07/31/2008	07/31/2008	0
Indoctrinate new hires	09/30/2008	10/31/2008	-31
Finalize project budget	11/05/2008	11/05/2008	0
Dev Draft E-Rate Filing Process Document	11/10/2008	11/10/2008	0
Dev Draft E-Rate Audit Checklist	11/10/2008	11/10/2008	0
P&D Project Management Planning Documents	11/26/2008	11/26/2008	0
Renew contract with E-Rate Central	12/12/2008	12/12/2008	0
Establish DPI status report for Erate Support	12/15/2008	12/15/2008	0
Dev Final E-Rate Filing Process Document	12/19/2008	12/19/2008	0
Integrate internal & E-Rate Central support	01/16/2009	01/16/2009	0
Dev Prgrm Integrity Assurance Review Questions	01/16/2009	01/16/2009	0

Project - School Connectivity - Implement the NCDPI E-Rate Support Service

Snapshot Name -   May 2009

Project Milestones			
Milestone Name	**Planned Date**	**Forecast Date**	**Variance(days)**
VOID-Dev Support Svcs Governance Model	02/20/2009	02/20/2009	0
Dev Final E-Rate Audit Checklist	02/20/2009	02/20/2009	0
Dev Assistance processes: E-Rate Audits	02/20/2009	02/20/2009	0
Perform E-rate "next steps" training	03/03/2009	04/13/2009	-41
Perform audit checklist training session I	04/13/2009	04/13/2009	0
Perform audit checklist training session II	04/14/2009	04/14/2009	0
VOID2	05/30/2009	05/30/2009	0
VOID	05/30/2009	05/30/2009	0
End Date	05/31/2009	05/31/2009	0

Project - School Connectivity - Implement the NCDPI E-Rate Support Service

Snapshot Name -   May 2009

Project Change Requests				
Name	**Cost**	**Owner**	**Date Opened**	**Approved Date**
Extend P & D Phase	$ 20,050	Alisa Cutler	06/18/2008	06/24/2008
Resource Delays in P&D Phase	$ 40,100	Alisa Cutler	07/24/2008	08/07/2008
P&D phase extension 60 days	$ 40,100	Alisa Cutler	09/18/2008	09/19/2008
Implementation phase reduction-3 months	-$ 52,869	Beau Garcia	03/20/2009	03/30/2009

Issues				
Title	**Weight**	**Owner**	**Date Entered**	**Completed**
Benefits11821	Low	Beau Garcia	11/20/2008	On 11/21/2008
Budget Codes	Medium	Jerry Bunn	5/19/2008	On 6/22/2008
Budget1081	High	Beau Garcia	10/2/2008	On 11/6/2008
Budget1082	High	Beau Garcia	10/2/2008	On 11/6/2008
Budget10-FFL	Medium	Beau Garcia	10/24/2008	On 11/13/2008
Budget1181	High	Beau Garcia	11/5/2008	On 11/21/2008
Budget581	Low	Jerry Bunn	6/30/2008	On 6/30/2008
Contract length	Medium	Ed Chase	4/6/2009	On 5/8/2009
Cost1281	High	Beau Garcia	12/24/2008	On 1/8/2009
Hours11821	High	Beau Garcia	11/20/2008	On 1/6/2009
Hours491	Medium	Beau Garcia	4/15/2009	On 5/8/2009
Hours492	Low	Beau Garcia	4/15/2009	On 5/8/2009
Issues1081	Medium	Beau Garcia	10/2/2008	On 10/12/2008
Milestones1181	High	Beau Garcia	11/5/2008	On 11/7/2008
Planning1081	Low	Alisa Cutler	10/2/2008	On 2/13/2009
Planning681	Low	Jerry Bunn	6/30/2008	On 7/1/2008
Planning682	Medium	Jerry Bunn	6/30/2008	On 7/1/2008
ProjectManagement0501	Low	Jerry Bunn	5/1/2008	On 7/1/2008

Project -   School Connectivity - Implement the NCDPI E-Rate Support Service

Snapshot Name -   May 2009

Issues				
Title	**Weight**	**Owner**	**Date Entered**	**Completed**
Rate781	High	Jerry Bunn	7/22/2008	On 7/24/2008
Rate881	Medium	Beau Garcia	9/2/2008	On 10/12/2008
Risk681	Medium	Jerry Bunn	6/30/2008	On 7/1/2008
Schedule	Low	Jerry Bunn	7/1/2008	On 7/1/2008
Schedule1181	Low	Beau Garcia	11/5/2008	On 11/18/2008
Schedule881	Medium	Beau Garcia	9/2/2008	On 10/12/2008
Staff Plan	Low	Beau Garcia	4/25/2008	On 10/12/2008

Risks				
Title	**Weight**	**Owner**	**Date Entered**	**Completed**
Communications	Low	Jerry Bunn	7/1/2008	On 7/1/2008
Schedule	Low	Jerry Bunn	7/1/2008	On 7/1/2008
Schedule002	Low	Jerry Bunn	7/24/2008	On 7/24/2008

PUBLIC SCHOOLS OF NORTH CAROLINA

PUBLIC SCHOOLS E-RATE MONTHLY EXECUTIVE SUMMARY
January 4, 2010

The Universal Service Administrative Company (USAC) released Funding Year 2009 Waves 30-34[1] Funding Commitment Decision Letters (FCDLs) during the month of December. These five waves included over $7.4 million in funding commitments for approved Priority 1 (Telecommunications Services and Internet Access) and Priority 2 (Internal Connections and Basic Maintenance of Internal Connections) requests for North Carolina public schools.[2] A total of (1549) Priority 1 and (272) Priority 2 requests were filed by North Carolina applicants in Funding Year 2009. Thus far (1038) Priority 1 requests and (158) Priority 2 requests have been funded, (69) Priority 1 requests and (44) Priority 2 requests have been denied, and (441) Priority 1 requests and (71) Priority 2 requests remain pending. Universal Service Fund[3] (USF) disbursements for the schools and libraries or "E(education)-rate" support program operate on a school year calendar.

USAC released Funding Year 2008 Waves 74-76 Funding Commitment Decision Letters during the month of December. These waves included over $743 thousand in funding commitments for approved Priority 2 (Internal Connections and Basic Maintenance of Internal Connections) requests for North Carolina public schools.[4] A total of (1524) Priority 1 and (366) Priority 2 requests were filed by North Carolina applicants in Funding Year 2008. Thus far (1440) Priority 1 requests and (207) Priority 2 requests have been funded. Only one request remains pending.

Over the last decade North Carolina applicants have averaged approximately $50 million in funding commitments and $40 million in disbursements annually. Over the last five years of the decade those averages increase to approximately $60 million and $50 million respectively.

Year	Requested Amount	Committed Amount	Pending Amount	Disbursed Amount	Rejected Amount
2009	$85,744,679.93	$46,855,126.21	$35,176,605.89	$6,152,874.46	$3,712,947.83
2008	$78,574,179.34	$63,715,591.00	$352,080.00	$49,256,587.38	$14,506,508.34
2007	$85,109,824.48	$65,537,092.47	$117,276.67	$53,506,078.94	$19,455,455.34
2006	$92,899,050.37	$53,569,447.41	$106,462.58	$43,673,861.34	$39,223,140.38
2005	$81,582,578.72	$58,969,581.65	$98,810.42	$49,316,704.80	$22,514,186.65
2004	$67,164,033.18	$43,343,832.30	$0.00	$34,790,050.34	$23,820,200.88
2003	$88,495,607.93	$52,112,007.55	$0.00	$41,173,524.82	$36,383,600.38
2002	$75,279,755.15	$54,560,564.13	$36,296.60	$43,506,745.60	$20,682,894.42
2001	$53,220,062.96	$25,528,163.41	$0.00	$19,993,432.25	$27,691,899.55
2000	$66,087,851.04	$26,886,242.91	$0.00	$23,509,082.31	$39,201,608.13
1999	$44,734,121.86	$38,114,551.18	$273.04	$30,197,180.31	$6,619,297.64
1998	$35,442,188.74	$26,918,979.75	$0.00	$21,194,807.30	$8,523,208.99
	$854,333,933.70	**$556,111,179.97**	**$35,887,805.20**	**$416,270,929.85**	**$262,334,948.53**

Total North Carolina Funding Since Program Inception – January 1, 2010

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[1] The Funding Year 2009 application deadline was February 12th. Commitment decisions are issued in bi-weekly cycles until the only remaining applications are those held for heightened scrutiny. Disbursements begin July 1st.

[2] See Appendix A

[3] See http://www.fcc.gov/cgb/consumerfacts/universalservice.html

[4] See Appendix B

Applicant	Type	Congr. District	Service	Discount %	Amount
ALLEGHANY COUNTY SCHOOL DISTRICT	School District	NC05	Internal Connections Mnt	80%	$196.03
ALLEGHANY COUNTY SCHOOL DISTRICT	School District	NC05	Internal Connections	80%	$77,991.36
ANSON COUNTY SCHOOL DISTRICT	School District	NC08	Internal Connections	80%	$49,083.20
ANSON COUNTY SCHOOL DISTRICT	School District	NC08	Internal Connections Mnt	85%	$61,559.86
ASHEVILLE CITY SCHOOL DISTRICT	School District	NC11	Internal Connections Mnt	80%	$2,738.30
ASHEVILLE CITY SCHOOL DISTRICT	School District	NC11	Internal Connections	90%	$145,085.69
ASHEVILLE CITY SCHOOL DISTRICT	School District	NC11	Telcomm	67%	$89,832.93
BRUNSWICK COUNTY SCHOOLS	School District	NC07	Internal Connections	90%	$784,253.03
BRUNSWICK COUNTY SCHOOLS	School District	NC07	Internet Access	83%	$162,806.46
BRUNSWICK COUNTY SCHOOLS	School District	NC07	Telcomm	83%	$9,915.28
BRUNSWICK COUNTY SCHOOLS	School District	NC07	Telcomm	83%	$29,418.85
BRUNSWICK COUNTY SCHOOLS	School District	NC07	Telcomm	83%	$84,191.88
BRUNSWICK COUNTY SCHOOLS	School District	NC07	Telcomm	83%	$13,127.28
BRUNSWICK COUNTY SCHOOLS	School District	NC07	Telcomm	83%	$100,644.01
BRUNSWICK COUNTY SCHOOLS	School District	NC07	Telcomm	83%	$31,958.35
CHARLOTTE-MECKLENBURG SCHOOLS	School District	NC12	Internal Connections	80%	$271,587.82
CHARLOTTE-MECKLENBURG SCHOOLS	School District	NC12	Internal Connections	80%	$32,584.00
CHARLOTTE-MECKLENBURG SCHOOLS	School District	NC12	Telcomm	66%	$821,094.36
CHARLOTTE-MECKLENBURG SCHOOLS	School District	NC12	Internal Connections	80%	$1,170,235.72
CUMBERLAND COUNTY SCHOOL DIST	School District	NC08	Internet Access	69%	$795,535.53
CUMBERLAND COUNTY SCHOOL DIST	School District	NC08	Telcomm	69%	$210,673.09
CUMBERLAND COUNTY SCHOOL DIST	School District	NC08	Telcomm	69%	$31,749.74
CUMBERLAND COUNTY SCHOOL DIST	School	NC08	Telcomm	60%	$805.03
CUMBERLAND COUNTY SCHOOL DIST	School District	NC08	Telcomm	69%	$31,630.35
CUMBERLAND COUNTY SCHOOL DIST	School District	NC08	Telcomm	69%	$88,373.02
EDGECOMBE COUNTY PUBLIC SCHOOLS	School District	NC01	Internet Access	87%	$2,607.70
HALIWA-SAPONI TRIBAL SCHOOL	School		Internal Connections	80%	$14,735.73
HALIWA-SAPONI TRIBAL SCHOOL	School		Internal Connections	80%	$61,139.97
HALIWA-SAPONI TRIBAL SCHOOL	School		Internet Access	80%	$8,138.40
HALIWA-SAPONI TRIBAL SCHOOL	School		Telcomm	80%	$3,383.52
HARNETT COUNTY SCHOOL DISTRICT	School District	NC02	Internal Connections	80%	$78,917.66
HERTFORD COUNTY SCHOOL DIST	School District	NC01	Internet Access	90%	$7,560.00
HERTFORD COUNTY SCHOOL DIST	School District	NC01	Telcomm	90%	$34,424.46
HERTFORD COUNTY SCHOOL DIST	School District	NC01	Telcomm	90%	$75,262.50
HERTFORD COUNTY SCHOOL DIST	School District	NC01	Telcomm	90%	$20,878.45
JONES COUNTY SCHOOL DISTRICT	School District	NC01	Internal Connections	90%	$118,682.06
JONES COUNTY SCHOOL DISTRICT	School District	NC01	Internal Connections	80%	$210,184.29
JONES COUNTY SCHOOL DISTRICT	School District	NC01	Internal Connections	84%	$26,927.30
JONES COUNTY SCHOOL DISTRICT	School District	NC01	Internal Connections	80%	$74,584.00
JONES COUNTY SCHOOL DISTRICT	School District	NC01	Internal Connections	90%	$43,784.10
JONES COUNTY SCHOOL DISTRICT	School District	NC01	Internal Connections Mnt	84%	$37,631.97
JONES COUNTY SCHOOL DISTRICT	School District	NC01	Internal Connections Mnt	84%	$8,168.13
KANNAPOLIS CITY SCHOOL DIST	School District	NC08	Internal Connections Mnt	81%	$10,536.48
KINSTON CHARTER ACADEMY	School	NC01	Internal Connections Mnt	90%	$11,100.56
KINSTON CHARTER ACADEMY	School	NC01	Internet Access	90%	$6,135.98
KINSTON CHARTER ACADEMY	School	NC01	Telcomm	90%	$3,290.22
KINSTON CHARTER ACADEMY	School	NC01	Telcomm	90%	$4,884.84
Kipp: Gaston College Preparatory	School	NC01	Internet Access	80%	$16,502.40
Kipp: Gaston College Preparatory	School	NC01	Internet Access	80%	$35,505.60
Kipp: Gaston College Preparatory	School	NC01	Internet Access	80%	$719.52
Kipp: Gaston College Preparatory	School	NC01	Telcomm	80%	$5,961.41
Kipp: Gaston College Preparatory	School	NC01	Telcomm	80%	$41,031.74
MCDOWELL COUNTY SCHOOL DIST	School District	NC11	Internal Connections	86%	$354,020.35

NASH-ROCKY MOUNT SCHOOL DIST	School	NC02	Internal Connections Mnt	80%	$11,920.03
NASH-ROCKY MOUNT SCHOOL DIST	School	NC02	Internal Connections Mnt	90%	$14,040.00
NASH-ROCKY MOUNT SCHOOL DIST	School	NC02	Internal Connections Mnt	80%	$11,920.03
NASH-ROCKY MOUNT SCHOOL DIST	School	NC02	Internal Connections Mnt	80%	$8,800.03
NASH-ROCKY MOUNT SCHOOL DIST	School	NC02	Internal Connections Mnt	90%	$14,040.00
NASH-ROCKY MOUNT SCHOOL DIST	School	NC02	Internal Connections Mnt	90%	$10,530.00
NASH-ROCKY MOUNT SCHOOL DIST	School	NC02	Internal Connections Mnt	80%	$12,480.00
NASH-ROCKY MOUNT SCHOOL DIST	School	NC02	Internal Connections Mnt	80%	$18,160.03
NASH-ROCKY MOUNT SCHOOL DIST	School	NC02	Internal Connections Mnt	90%	$10,530.00
NASH-ROCKY MOUNT SCHOOL DIST	School	NC02	Internal Connections Mnt	80%	$8,800.03
NASH-ROCKY MOUNT SCHOOL DIST	School	NC02	Internal Connections Mnt	80%	$11,920.03
NASH-ROCKY MOUNT SCHOOL DIST	School	NC02	Internal Connections Mnt	80%	$18,160.03
NASH-ROCKY MOUNT SCHOOL DIST	School	NC02	Internal Connections Mnt	80%	$18,160.03
NASH-ROCKY MOUNT SCHOOL DIST	School	NC02	Internal Connections Mnt	80%	$11,920.03
NASH-ROCKY MOUNT SCHOOL DIST	School	NC02	Internal Connections Mnt	80%	$12,480.00
NASH-ROCKY MOUNT SCHOOL DIST	School	NC02	Internal Connections Mnt	90%	$21,060.00
NASH-ROCKY MOUNT SCHOOL DIST	School	NC02	Internal Connections Mnt	80%	$11,920.03
NASH-ROCKY MOUNT SCHOOL DIST	School	NC02	Internal Connections Mnt	90%	$10,530.00
NASH-ROCKY MOUNT SCHOOL DIST	School	NC02	Internal Connections Mnt	90%	$10,530.00
NEW HANOVER COUNTY BOARD OF ED	School District	NC07	Internet Access	56%	$44,352.00
NEW HANOVER COUNTY BOARD OF ED	School District	NC07	Telcomm	56%	$122,989.78
NEW HANOVER COUNTY BOARD OF ED	School District	NC07	Telcomm	56%	$134,907.23
NEW HANOVER COUNTY BOARD OF ED	School District	NC07	Telcomm	56%	$44,975.28
ROBESON COUNTY PUBLIC SCHOOLS	School District	NC07	Internal Connections Mnt	80%	$178,845.31
SAMPSON COUNTY SCHOOL DISTRICT	School District	NC02	Internal Connections Mnt	80%	$2,554.56
SAMPSON COUNTY SCHOOL DISTRICT	School District	NC02	Internal Connections Mnt	83%	$9,114.79
SAMPSON COUNTY SCHOOL DISTRICT	School District	NC02	Internal Connections Mnt	80%	$26,952.58
SUGAR CREEK CHARTER SCHOOL	School	NC12	Internal Connections	90%	$34,868.87
SUGAR CREEK CHARTER SCHOOL	School	NC12	Internal Connections Mnt	90%	$27,000.00
VANCE COUNTY SCHOOL DISTRICT	School	NC01	Internal Connections	80%	$28,839.27
VANCE COUNTY SCHOOL DISTRICT	School	NC01	Internal Connections	80%	$33,274.91
VANCE COUNTY SCHOOL DISTRICT	School District	NC01	Telcomm	88%	$19,001.45
WHITE OAK ELEMENTARY SCHOOL	School	NC01	Internal Connections	80%	$11,745.35
WHITE OAK ELEMENTARY SCHOOL	School	NC01	Internal Connections	80%	$7,983.20
WHITEVILLE CITY SCHOOL DIST	School District	NC07	Internal Connections Mnt	90%	$26,100.04

TOTAL **$7,415,175.43**

Applicant	Type	Congr. District	Service	Discount %	Amount
ANSON COUNTY SCHOOL DISTRICT	School District	NC08	Internal Connections	87%	$306,352.70
EDGECOMBE COUNTY PUBLIC SCHOOLS	School District	NC01	Internal Connections	87%	$51,780.51
EDGECOMBE COUNTY PUBLIC SCHOOLS	School District	NC01	Internal Connections	87%	$55,986.17
EDGECOMBE COUNTY PUBLIC SCHOOLS	School District	NC01	Internal Connections	87%	$59,730.42
JONES COUNTY SCHOOL DISTRICT	School District	NC01	Internal Connections Mnt	87%	$59,160.03
JONES COUNTY SCHOOL DISTRICT	School District	NC01	Internal Connections Mnt	87%	$8,459.85
NASH-ROCKY MOUNT SCHOOL DIST	School	NC02	Internal Connections	90%	$49,793.77
NASH-ROCKY MOUNT SCHOOL DIST	School	NC02	Internal Connections Mnt	90%	$10,530.00
NASH-ROCKY MOUNT SCHOOL DIST	School	NC02	Internal Connections Mnt	90%	$14,040.00
NASH-ROCKY MOUNT SCHOOL DIST	School	NC02	Internal Connections Mnt	90%	$14,040.00
NASH-ROCKY MOUNT SCHOOL DIST	School	NC02	Internal Connections Mnt	90%	$10,530.00
NASH-ROCKY MOUNT SCHOOL DIST	School	NC02	Internal Connections Mnt	90%	$10,530.00
THOMASVILLE CITY SCHOOL DIST	School District	NC06	Internal Connections Mnt	87%	$14,644.29
WINSTON-SALEM/FORSYTH CO S D	School District	NC05	Internal Connections	87%	$77,513.03
				TOTAL	$743,090.77