AWARD NUMBER: NT10BIX5570108 DATE: 11/16/2012

QUARTERLY PERFORMANCE PROGRESS REPORT FOR BROADBAND INFRASTRUCTURE PROJECTS						
General Information						
1. Federal Agency and Organizational Element to Which Report is Submitted	2. Award Identification Number			3. DUNS Number		
Department of Commerce, National Telecommunications and Information Administration	NT10BIX5570108			957995392		
4. Recipient Organization						
Central Management Services, Illinois Departme	ent of 120 W Jeffer	rson St, FL 2	2, Springfiel	ld, IL 62702-5103		
5. Current Reporting Period End Date (MM/DD/YYY	Y)	6. Is this the	e last Repor	t of the Award Period?		
09-30-2012			○ Yes  ● No			
7. Certification: I certify to the best of my knowledg purposes set forth in the award documents.	je and belief that th	is report is c	orrect and o	complete for performance of activities for the		
7a. Typed or Printed Name and Title of Certifying O	fficial	70	c. Telephor	ne (area code, number and extension)		
Lori Sorenson	Lori Sorenson			x		
		70	7d. Email Address			
	ŀ	lori.sorenson@illinois.gov				
7b. Signature of Certifying Official		76	7e. Date Report Submitted (MM/DD/YYYY):			
Submitted Electronically		1	11-16-2012			

RECIPIENT NAME:Central Management Services, Illinois Department of

AWARD NUMBER: NT10BIX5570108 DATE: 11/16/2012

Project Indicators (This Quarter)

1. Please describe significant project accomplishments completed during this quarter (600 words or less).

Overall the project is 41% complete. Total project expenditures are \$39,739,397 which includes \$20,216,447 in federal funds. These federal funds have supported a cumulative total of 427 full time equivalent jobs. The local match at the end of the quarter is 49%.

Construction is underway on all 12 planned construction segments. By quarter end, 556 miles of conduit (76%) and 296 miles of fiber (30%) have been installed. Construction on 2 routes is complete: Kankakee and Champaign (91 miles) and rural communities surrounding Bloomington (28 miles). Kankakee to Chicago and Northern Laterals were forecasted to be complete by the end of the quarter; however, due to two outstanding permits and route changes construction will continue through the end of the calendar year. Kankakee to Chicago has 14 miles of fiber left to install. This includes boring under 2 railroad crossings. The Northern Laterals has 8 miles of fiber to install. CMS has all the permits required for the Northern Laterals. Installation will be slow as the remaining work is street crossings to community colleges in the Chicago suburbs where there are many restrictions on when the work can be performed to minimize the impact on road traffic.

Contractors started work on inside plant at the CMS CAI sites. The sub recipient is evaluating bids for inside plant and plans to start work next quarter.

The sub recipient completed the structural assessment on locations targeted for wireless towers. A bid for installation of the wireless equipment was issued in September. The final award was issued after the cutoff date for the quarter.

The total leased fiber miles is 557 of 630 (88%). CMS is in negotiations for the remaining lease agreements.

CMS received approval for Route Change #2. Route Change #3 for additional backbone routes and laterals has been submitted. CMS is forecasting it will complete the original project scope under budget and has identified opportunities to expand fiber and CAI connections within the approved service area.

CMS and the sub recipient have secured commitments from the targeted 376 CAIs (100%) that will be directly connected via fiber. No new lateral connections where completed this quarter. The total connections remains at eight of which one is already using the BTOP funded infrastructure to receive improved service. An additional 1,100 CAIs are connected to the 80 miles of BTOP funded operational infrastructure thru non BTOP funded connections. As a result, these sites will see their broadband speeds more then double.

CMS has entered into a contract with the Illinois Rural HealthNet (IRHN) to provide middle mile connectivity for their healthcare network. IRHN is a recipient of an FCC rural healthcare pilot program grant which provides high speed broadband services to rural hospitals and clinics throughout Illinois.

CMS is evaluating the options for engaging with a partner to market and sell fiber and broadband services to businesses and wholesale service providers. CMS anticipates issues a Request for Information in the first quarter of 2013 to collect input from potential partners.

The State's video production team delivered the first version of the video that showcases the project and the anchors that will benefit from the improved broadband speeds. The video will be showcased on the project website and used at conferences and community informational meetings. CMS has provided feedback to the video team for final editing.

CMS continues to provide a monthly project update via email to community anchor institutions and interested organizations. The updates are also available on the Illinois Century Network website at http://www.illinois.net/IBOP/IBOP\_EastCentral/Newsletters/ IBOP\_EC\_Monthly\_Update.html. The sub recipient also has a monthly update available at http://cirbn.org.

2. Please provide the percent complete for the following key milestones in your project. Write "0" in the Percent Complete column and "N/ A" in the Narrative column if your project does not include this activity. If you provided additional milestones in your baseline plan, please insert them at the bottom of the table. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the most recent reporting quarter. Please provide a narrative description if the percent complete is different from the target provided in your baseline plan (300 words or less).

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)
2a.	Overall Project	41	Baseline target is 72%. Previous PPR set a target of 47%. T\$3.9M in payments to vendors occurred on October 1 just missing the quarter targets.
2b.	Environmental Assessment	100	Baseline target is 100%. Previous PPR set a target of 98%. The EA is complete and a FONSI received. CMS will have some additional spend for EA work associated with the pending route change, if approved.

DATE: 11/16/2012

TIT 16/2012 EXPIRATION DATE: 12/31/2013					
Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)			
Network Design	78	Baseline target is 100%. Previous PPR set a target of 81%. All design work for the fiber routes is complete and paid. The sub recipient has completed the design work for wireless towers and inside plant but has not yet received all the invoices. Any additional spend for this category will be associated with routes changes.			
Rights of Way	77	Baseline target is 100%. Previous PPR set a target of 83%. CMS has secured 95% of the permits. Permit preparation is complete for the original project scope. Additional charges will be associated with permit fees to the remaining 17 railroad permits and permit preparation/fees for the aproved and pending route changes.			
Construction Permits and Other Approvals	0	NA - CMS has no spend mapped to this milestone. These expenditures are included in 2h Network Build.			
Site Preparation	22	Baseline target is 61%. Previous PPR set a target of of 20%. Inside plant work is behind schedule. The time required to finalize the scope of work, secure vendor quotes, place orders, receive materials and complete the work is taking longer then anticipated. Inside plant work has started and will continue through the remainder of the project.			
Equipment Procurement	68	Baseline target is 46%. Previous PPR set a target of 71%. CMS has purchased and installed about 80% of the optical, switching and routing equipment. We had planned to purchase the remaining 3 optical switches in this quarter but are holding off while we evaluate the feasibility of upgrading the equipment from 40G to 100G. Overall, equipment costs are less then budgeted.			
Network Build (all components - owned, leased, IRU, etc)	34	Baseline target is 75%. Previous PPR set a target of 40%. \$3.9M in construction invoices were paid October 1 just missing the quarterly cut off date. Considering these invoices, spend for network build is at 40%. The difference between actual and the revised project schedule is due to late starts and costs for the early construction routes coming in below budget. 76% of the conduit and 30% of the fiber is complete.			
Equipment Deployment	6	Baseline target is 75%. Previous PPR set a target of 5%. \$600,00 of \$699,000 budgeted for this milestone is for fiber characterization work by the optical equipment vendor. The work has been on hold until CMS takes receipt of a 3 mile leased fiber segment which will complete a backbone route. In the meantime, CMS is in process of purchasing the tools to perform this work internally. Depending on timing, CMS may not require the services of the optical equipment vendor.			
Network Testing	0	NA - CMS has no spend mapped to this milestone. CMS is using existing staff not charged to project plus contractual resources reported in 2k Other.			
Professional Services such as Other (please specify): Project Management, Web Design, Project Engineer	57	Baseline target is 52%. Previous PPR set a target of 58%. The public relations contractual resource working for the sub recipient rolled off earlier then anticipated. The sub recipient plans to reassign these duties to existing resources which will result in overall lower spend for this milestone.			
	Milestone     Network Design     Rights of Way     Construction Permits and Other Approvals     Site Preparation     Equipment Procurement     Network Build (all components - owned, leased, IRU, etc)     Equipment Deployment     Network Testing     Network Testing     Other (please specify):     Professional Services such as Project     Project     Management, Web Design, Project	MilestonePercent CompleteNetwork Design78Rights of Way77Construction Permits and Other Approvals0Site Preparation22Equipment Procurement68Network Build (all components - owned, leased, IRU, etc)34Equipment Deployment6Network Testing0Other (please specify): Project Management, Web Design, Project57			

3. To the extent not covered above, please describe any challenges or issues faced during this past quarter in achieving planned progress against the project milestones listed above. In particular, please identify any areas or issues where technical assistance from the BTOP program may be useful (600 words or less).

CMS is now receiving fiber ahead of schedule.

CMS is making progress on securing the remaining railroad permits. There are 17 needed from 6 different railroads. CMS has negotiated agreements and fees with all but 1 railroad. The open permits with the other 5 railroads are waiting for the railroads' final review and approval of insurance and contractor documents. CMS has been in contact with the railroads on a weekly basis to move along the permits. There does not appear to be any issues with the open permits, rather the railroad cites limited resources available to process the permit requests.

The pending railroad permits are affecting completion of the following routes: #1 Kankakee to Chicago and #5 Champaign to Effingham. Routes 1 and 5 were scheduled to be completed by the end of October 2012. The open permits will likely push back the

**RECIPIENT NAME:**Central Management Services, Illinois Department of

AWARD NUMBER: NT10BIX5570108

completion dates to December 2012. Route 3 was also scheduled to be completed by October. Permits delayed construction, but all permits have been received and the contractor is scheduled to complete work by the end of December. Other routes with open permits are 6, 7 and 9. The contractors have other work to perform on these routes so the open permits are not having as great of an impact on the schedule.

CMS has found some success expediting the railroad permit process by engaging the state railroad association. The association has a vested interest in ensuring that delays in obtaining railroad permits does not jeopardize the BTOP and state funded broadband projects.

4. Please report the following information regarding network build progress. Write "0" in the Total column and "N/A" in the Narrative column if your project does not include this activity. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the most recent reporting quarter. Please provide a narrative description if the total is different from the target provided in your baseline plan (600 words or less).

Indicator	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
New network miles deployed	296	Baseline target is 391. The revised project schedule provided to NTIA set a target of 645. In addition to the fiber, 556 miles of conduit has been installed.
New network miles leased	275	Baseline target is 668. The revised project schedule provided to NTIA set a target of 382. Based on approved route changes the forecasted new leased miles is 415. CMS is working on the 3 remaining lease agreements. Two with other state/governmental entities and one with a private company.
Existing network miles upgraded	3	Baseline target is 3. The revised project schedule provided to NTIA set a target of 3.
Existing network miles leased	282	Baseline target is 551. The revised project schedule provided to NTIA set a target of 288. The variance is due to actual mileage from the final route calculations.
Number of miles of new fiber (aerial or underground)	296	Baseline target is 1,613. The revised project schedule provided to NTIA did not set a target for this indicator. The Baseline target was calculated incorrectly as the sum of the leased, new construction and existing upgraded miles which for this quarter equals 856.
Number of new wireless links	0	Baseline target is 3. The revised project schedule provided to NTIA set a target of 0.
Number of new towers	0	Baseline target is 3. The revised project schedule provided to NTIA set a target of 0.
Number of new and/or upgraded interconnection points	293	Baseline target is 161 The revised project schedule provided to NTIA set a target of 95. There will be more interconnection points then originally planned.

For questions 5 and 6 please include information relating to agreements that you are negotiating or have entered into, or that your sub recipient, contractor or subcontractor is negotiating or entered into.

5a. If applicable, please provide the following information with regard to agreements with broadband wholesalers and/or last mile providers as a result of your project.

Indicators	
Number of signed agreements with broadband wholesalers or last mile providers	1
Number of agreements currently being negotiated with broadband wholesalers or last mile providers	0
Average term of signed agreements (in quarters)	80

**5b.** Please list the names of the wholesale and last mile providers with whom you have signed agreements (100 words or less). Providers: Illinois Rural HealthNet

AWARD NUMBER: NT10BIX5570108 DATE: 11/16/2012

5c. What wholesale services are being provided by this project? Please describe below. As an attachment to this report, please provide pricing plans (in \$ per month) associated with each wholesale service provided by your product (100 words or less). Wholesale services description:

Dark Fiber, Lambda/Wave Services, Ethernet Services ranging in speeds of 10 Mbps to 10 Gbps and Internet Services.

5d. If you have designated a third party to operate all or a portion of your network, please provide the name and contact information for this third party, indicate if this entity is a sub recipient, contractor, and/or subcontractor, and describe with specificity the portion of your network this this third party operates (600 words or less).

6. Please provide the data according to the type of subscriber. Write "0" in the Total column and "N/A" in the Narrative column if your project does not pass or serve a particular subscriber type. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the most recent reporting quarter. Please provide a narrative description if the total is different from the target provided in your baseline plan (300 words or less).

Subscriber Type Access Type		Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)			
Broadband Wholesalers or Last Mile Providers	ers or Last		Since only a small portion of the network is operational, there are no providers receiving new service at this time.			
Providers with signed agreements receiving improved access Providers with signed agreements receiving access to dark fiber		0	Since only a small portion of the network is operational, there are no providers receiving new service at this time.			
		0	Since only a small portion of the network is operational, there are no providers receiving new service at this time.			
	Please identify the speed tiers that are available and the number of subscribers for each	0	Dark Fiber, Lambda/Wave Services, Ethernet Services ranging in speeds of 10 Mbps to 10 Gbps and Internet Services.			
Community Anchor Institutions (including Government institutions)	Total subscribers served	8	The new leased fiber lit in 2011 positions these CAIs to connect at speeds up to 100 Mbps. Since only a small portion of the network (85 of 2,000 miles) is operational, the new service offerings are not available. Once fully deployed, these CAIs will realize a significant increase in broadband speeds as they move from 3-5 Mbps to 50-100 Mbps.			
	Subscribers receiving new access	0	Since only a small portion of the network is operational, there are no subscribers at this time.			
	Subscribers receiving improved access	0	Since only a small portion of the network (85 of 2,000 miles) is operational, the new service offerings are not available. Once fully deployed, these CAIs will realize a significant increase in broadband speeds as they move from 3-5 Mbps to 50-100 Mbps.			
	Please identify the speed tiers that are available and the number or subscribers for each	0	Dark Fiber, Lambda/Wave Services, Ethernet Services ranging in speeds of 10 Mbps to 10 Gbps and Internet Services.			
Residential / Households	Entities passed	0	NA - The project is a CCI project with no last mile component.			
	Total subscribers served	0	NA - The project is a CCI project with no last mile component.			
	Subscribers receiving new access	0	NA - The project is a CCI project with no last mile component.			
	Subscribers receiving improved access	0	NA - The project is a CCI project with no last mile component.			
	Please identify the speed tiers that are available and the number of subscribers for each	0	NA - The project is a CCI project with no last mile component.			
Businesses	Entities passed	19,767	This represents the businesses near the leased fiber that is operational.			
	Total subscribers served	0	Since only a small portion of the network is operational, there are no subscribers at this time.			

DATE: 11/16/2012

Subscriber Type Access Type			Tota	Narrative (describe your reasons for any variance from the
oussenser Type				baseline plan or any other relevant information)
	Subscribers r	eceiving new acces	<b>ss</b> 0	Since only a small portion of the network is operational, there are no subscribers at this time.
	Subscribers r	eceiving improved	access 0	Since only a small portion of the network is operational, there are no subscribers at this time.
		y the speed tiers th the number of or each	at are	Dark Fiber, Lambda/Wave Services, Ethernet Services ranging i speeds of 10 Mbps to 10 Gbps and Internet Services.
. Please describe any IA	special offerin	gs you may provide	e (600 words or le	ess).
a. Have your network	management p	practices changed o	over the last quar	ter? 🔿 Yes 💿 No
<b>b. If so, please descrit</b> NA	be the changes	s (300 words or less	5).	
connected to your network cumulatively). Also ind short narrative descript	lease provide ork as a result icate whether ion with exam	of BTOP funds. Fi your organization is ples of how instituti	gures should be s currently provic ions are using BT	nity anchor institutions (including Government institutions) reported for the most recent reporting quarter only (NOT ling broadband service to the anchor institution. Finally, provide a FOP-funded infrastructure (300 words or less).
Institution Name	Service Area (town	Type of Anchor /	Are you also the broadband	Narrative description of how anchor institutions are using BTOP funded infrastructure
	or county)	•	service provider for this institution? (Yes / No)	
IL Dept of Transportation	or county) Madison County	defined in your	service provider for this institution?	The site has been physically connected but has not migrated to the new service offerings.
•	Madison	defined in your s baseline)	service provider for this institution? (Yes / No)	The site has been physically connected but has not migrated to
Transportation IL State Police IL Dept of Central	Madison County Madison	defined in your baseline) s   Other Govt s	service provider for this institution? (Yes / No) Yes	The site has been physically connected but has not migrated to the new service offerings. The site has been physically connected but has not migrated to
Transportation	Madison County Madison County Madison	defined in your baseline) s   Other Govt 0   Other Govt 0	service provider for this institution? (Yes / No) Yes Yes	The site has been physically connected but has not migrated to the new service offerings. The site has been physically connected but has not migrated to the new service offerings. The site has been physically connected but has not migrated to
Transportation IL State Police IL Dept of Central Management Services IL Workers Compensation	Madison County Madison County Madison County Sangamon	defined in your   s     baseline)   defined in your     Other Govt   defined in your	service provider for this institution? (Yes / No) Yes Yes Yes	The site has been physically connected but has not migrated to the new service offerings.     The site has been physically connected but has not migrated to the new service offerings.     The site has been physically connected but has not migrated to the new service offerings.     The site has been physically connected but has not migrated to the new service offerings.     The site has been physically connected but has not migrated to the new service offerings.     The site has been physically connected but has not migrated to the new service offerings.
Transportation IL State Police IL Dept of Central Management Services IL Workers Compensation Commission IL Dept of Human	Madison County Madison County Madison County Sangamon County Sangamon	defined in your baseline)sOther Govt0Other Govt0Other Govt0Other Govt0Other Govt0	service provider for this institution? (Yes / No) Yes Yes Yes Yes	The site has been physically connected but has not migrated to the new service offerings.     The site has been physically connected but has not migrated to the new service offerings.     The site has been physically connected but has not migrated to the new service offerings.     The site has been physically connected but has not migrated to the new service offerings.     The site has been physically connected but has not migrated to the new service offerings.     The site has been physically connected but has not migrated to the new service offerings.     The site has been physically connected but has not migrated to the new service offerings.     The site has been physically connected but has not migrated to the new service offerings.
Transportation IL State Police IL Dept of Central Management Services IL Workers Compensation Commission IL Dept of Human Services IL Dept of Central	Madison County Madison County Madison County Sangamon County Sangamon County	defined in your baseline)sOther GovtIOther GovtIOther GovtIOther GovtIOther GovtIOther GovtIOther GovtI	service provider for this institution? (Yes / No) Yes Yes Yes Yes Yes	The site has been physically connected but has not migrated to the new service offerings.     The site has been physically connected but has not migrated to the new service offerings.     The site has been physically connected but has not migrated to the new service offerings.     The site has been physically connected but has not migrated to the new service offerings.     The site has been physically connected but has not migrated to the new service offerings.     The site has been physically connected but has not migrated to the new service offerings.     The site has been physically connected but has not migrated to the new service offerings.     The site has been physically connected but has not migrated to the new service offerings.     The site has been physically connected but has not migrated to the new service offerings.     The site has been physically connected but has not migrated to the new service offerings.

1. Please describe significant project accomplishments planned for completion during the next quarter (600 words or less).

The cumulative spend estimated for next quarter is \$61.7M which is 64% of the total project spend. The baseline projected a cumulative spend of \$77.8M or 81%. The revised project schedule submitted to NTIA has a target of \$67.7 or 71%. The difference between the revised project schedule and the PPR projection is approximately \$6 million which is a result of costs coming in below budget for construction and delays earlier this year starting construction, inside plant and final equipment purchases.

During the next quarter we expect construction for 5 of the 12 routes (Routes 2, 3, 5, 12 and 13) to be completed while work will continue on the remaining 7 routes. CMS will have a 13th route as a result of a route change to Spoon River College. The majority of

RECIPIENT NAME:Central Management Services, Illinois Department of

AWARD NUMBER: NT10BIX5570108 DATE: 11/16/2012

the route will be leased fiber. CMS will need to complete a 3.5 mile build.

Network design associated with the recently approved route modifications is forecasted to be completed by the end of the quarter. Staff will continue working to secure the remaining permits for the original routes and the permits associated with the route modifications.

Inside plant and customer premise equipment installation will continue. CMS anticipates 14 additional CAIs located along the lit fiber path to start receiving service this quarter.

CMS anticipates finalizing the contract template for fiber leases and will begin negotiating agreements with several wholesale service providers. CMS has been meeting with these providers for the past year but holding off on negotiations until finalizing a standard agreement.

The sub recipient plans to award the wireless tower equipment bid as well as the contract to construct or augment current structures where wireless equipment will be installed. Once the equipment bid is awarded, the sub recipient will work to complete the frequency coordination. The sub recipient will also continue to work with the FCC to complete the approval process for installation of the monopole in Chenoa.

CMS will be hosting a serious of informational meetings throughout the state to provide updates on the BTOP project and discuss the new services and rates.

Key Performance Indicators for next quarter include:

New Network Miles Deployed - 445

New Network Miles Leased - 397

Total CAIs Connected - 13

Signed Agreements with Wholesalers and/or Last Mile Providers - 2

2. Please provide the percent complete for the following key milestones in your project. Write "0" in the Planned Percent Complete column and "N/A" in the Narrative column if your project does not include this activity. If you provided additional milestones in your baseline plan, please insert them at the bottom of the table. Unless otherwise indicated in the instructions, figures should be reported cumulatively from award inception to the end of the next reporting quarter. Please provide a narrative description if the percent complete is different from the target provided in your baseline plan (300 words or less).

	Milestone	Planned Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2a.	Overall Project	64	Baseline target is 81%. The revised project schedule set a target of 70%. The forecast for next quarter is \$6.4M less then the revised forecast as a result of delays starting construction, construction costs coming in below budget, and delays starting inside plant.
2b.	Environmental Assessment	100	Baseline target is 100%. The revised project schedule set a target of 99%. The EA is complete and a FONSI received. CMS will have additional costs for EA work associated with a pending route change, if approved.
2c.	Network Design	81	Baseline target is 100%. The revised project schedule set a target of 98%. All design work for the fiber routes are complete and paid. The sub recipient anticipates design work for inside plant will continue through the first quarter of 2013. CMS will have additional costs for design work associated with a pending route change, if approved.
2d.	Rights of Way	100	Baseline target is 100%. The revised project schedule set a target of 97%. 95% of the permits have been secured. CMS is forecasting to spend more then originally budgeted for this milestone due to permitting work associated with route changes and higher then anticipated permit fees from railroads.
2e.	Construction Permits and Other Approvals	0	NA - CMS has no spend mapped to this milestone. These expenditures are included in 2h Network Build.
2f.	Site Preparation	44	Baseline target is 80%. The revised project schedule set a target of 73%. CMS anticipated completing inside plant work for 50% of CMS' CAIs by this point in the project (new target is 30%). The time required to finalize the scope of work, secure vendor quotes, place orders, receive materials and complete the work is taking longer then anticipated. Inside plant work has started and will continue through the remainder of the project.
2g.	Equipment Procurement	71	Baseline target is 46%. The revised project schedule set a target of 90%. CMS has purchased and installed about 80% of the optical, switching and routing equipment. CMS had planned to purchase the remaining 3 optical switches by now but are holding off while we evaluate the feasibility of upgrading the equipment from 40G to 100G. Overall, equipment costs are less then budgeted.

DATE: 11/16/2012

	Milestone	Planned Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information) The sub recipient anticipates ordering wireless equipment and generators in this guarter but invoices will carry over to the following guarter.
2h.	Network Build (all components - owned, leased, IRU, etc.)	62	Baseline target is 85%. The revised project schedule set a target of 64%. Construction spending for next quarter is approximately \$1.7M below the revised target. The difference is partially attributable to delayed starts with several routes, but mainly a result of lower then budgeted construction costs for the early fiber routes. As of the end of September, 76% of the conduit is complete and 30% of the fiber which puts the project on schedule to be completed by the grant deadline.
2i.	Equipment Deployment	6	Baseline target is 90%. The revised project schedule set a target of 28%. \$600,000 of the \$699,000 budgeted to this milestone is for fiber characterization by the optical equipment vendor. CMS is waiting to take receipt of a 3 mile leased fiber path from the owner at which time the optical vendor will be deployed to complete the work. In the meantime, CMS is in process of purchasing the tools to perform this work internally. Depending on timing, CMS may not require the services of the optical equipment vendor.
2j.	Network Testing	0	NA - CMS has no spend mapped to this milestone. CMS is using existing staff not charged to project plus contractual resources reported in 2k Other.
2k.	Other (please specify): Project Management, Web Design, Project Engineer	69	Baseline target is 62%. The revised project schedule set a target of 70%. The public relations contractual resource working for the sub recipient rolled off earlier then anticipated. The sub recipient plans to reassign these duties to existing resources which will result in overall lower spend for this milestone.

3. Please describe any challenges or issues anticipated during the next quarter that may impact planned progress against the project milestones listed above. In particular, please identify any areas or issues where technical assistance from the BTOP program may be useful (600 words or less).

The outstanding railroad permits have the potential to delay construction for Routes 1, 5, 6, 7 and 9. Considering the number of outstanding permits is down to 17, the ability to complete the project by the end of the grant period is not in jeopardy. At this point in the project, CMS anticipates the impact will be limited to delayed completion dates for Routes 1 and 5 which were scheduled to be completed by the end of October. The contractors have completed all the other work associated with these routes. The contractors have other work to perform on Routes 6, 7 and 9 so the open permits are not having as great of an impact on the schedule.

CMS anticipates that the project will be completed under budget. An Award Action Request to add additional CAIs and routes using the remaining grant funds has been submitted. CMS is requesting programmatic and EHP approval by the end of the calendar year in order to complete the work prior to the grant deadline. CMS is also preparing a request to purchase 100G cards for the optical equipment to increase the capacity of the lit network.

## Infrastructure Budget Execution Details

## Activity Based Expenditures (Infrastructure)

1. Please provide details below on your total budget, cumulative actual expenditures (for the period ending the current quarter), and cumulative anticipated expenditures (for the period ending next quarter) for each line item, including detailed disbursements of both matching funds and federal funds from project inception through end of this quarter (actual) or next quarter (anticipated). Actual and anticipated figures should be reported cumulatively from award inception to the end of the applicable reporting quarter.

В		from Project nd of Current Period		Anticipated Actuals from Project Inception through End of Next Reporting Period					
Cost Classification	Total Cost (plan)	Matching Funds (plan)	Federal Funds (plan)	Total Cost	Matching Funds	Federal Funds	Total Costs	Matching Funds	Federal Funds
a. Administrative and legal expenses	\$2,428,175	\$222,637	\$2,205,538	\$1,708,398	\$378,296	\$1,330,102	\$2,321,945	\$423,296	\$1,898,649
b. Land, structures, right-of-ways, appraisals, etc.	\$1,862,000	\$1,512,000	\$350,000	\$423,500	\$423,500	\$0	\$555,650	\$555,650	\$0
c. Relocation expenses and payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Architectural and engineering fees	\$5,266,954	\$0	\$5,266,954	\$5,327,409	\$0	\$5,327,409	\$5,840,232	\$0	\$5,840,232
e. Other architectural and engineering fees	\$600,000	\$0	\$600,000	\$41,696	\$0	\$41,696	\$41,696	\$0	\$41,696
f. Project inspection fees	\$124,800	\$0	\$124,800	\$0	\$0	\$0	\$0	\$0	\$0
g. Site work	\$1,050,000	\$0	\$1,050,000	\$343,795	\$0	\$343,795	\$480,760	\$0	\$480,760
h. Demolition and removal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
i. Construction	\$63,338,112	\$30,000,000	\$33,338,112	\$20,627,208	\$16,493,516	\$4,133,692	\$40,599,844	\$25,874,737	\$14,725,107
j. Equipment	\$11,275,418	\$538,950	\$10,736,468	\$8,216,162	\$0	\$8,216,162	\$8,572,068	\$0	\$8,572,068
k. Miscellaneous	\$10,436,569	\$2,213,159	\$8,223,410	\$3,051,229	\$2,227,638	\$823,591	\$3,299,156	\$2,227,638	\$1,071,518
I. SUBTOTAL (add a through k)	\$96,382,028	\$34,486,746	\$61,895,282	\$39,739,397	\$19,522,950	\$20,216,447	\$61,711,351	\$29,081,321	\$32,630,030
m. Contingencies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
n. TOTALS (sum of I and m)	\$96,382,028	\$34,486,746	\$61,895,282	\$39,739,397	\$19,522,950	\$20,216,447	\$61,711,351	\$29,081,321	\$32,630,030
2. Program Incom reporting period.	e. riease prov	vide the progr				buuget and a		anough the e	

a. Application Budget Program Income: \$538,950

**b. Program Income to Date:** \$499,674