

QUARTERLY PERFORMANCE PROGRESS REPORT FOR BROADBAND INFRASTRUCTURE PROJECTS

General Information

1. Federal Agency and Organizational Element to Which Report is Submitted Department of Commerce, National Telecommunications and Information Administration	2. Award Identification Number NT10BIX5570158	3. DUNS Number 962696089
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4. Recipient Organization

Los Angeles Regional Interoperable Communications System Authority 2525 Corporate PL Ste 200, Monterey Park, CA 91754-7672

5. Current Reporting Period End Date (MM/DD/YYYY) 12-31-2020	6. Is this the last Report of the Award Period? <input checked="" type="radio"/> Yes <input type="radio"/> No
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7. Certification: I certify to the best of my knowledge and belief that this report is correct and complete for performance of activities for the purposes set forth in the award documents.

7a. Typed or Printed Name and Title of Certifying Official GINA SAMY FISCAL OFFICER I	7c. Telephone (area code, number and extension) (323) 881-8255
	7d. Email Address GINA.SAMY@LA-RICS.ORG

7b. Signature of Certifying Official 	7e. Date Report Submitted (MM/DD/YYYY): 10/20/2020
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Empty space for additional comments or notes.

Project Indicators (This Quarter)

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

Long Term Evolution (LTE) Round 1

On June 30, 2018, the grant-funded network transitioned to AT&T, the private partner of the First Responder Network Authority, at the close of the business agreement and approval of the asset transfer agreement from the National Telecommunications and Information Administration (NTIA) and approved by National Oceanic and Atmospheric Administration (NOAA). The Los Angeles Regional Interoperable Communications System (LA-RICS) Public Safety Broadband Network (PSBN) has been operating a spectrum lease agreement with FirstNet since its inception. Since the transition has occurred, LA-RICS is no longer operating the PSBN.

Public Safety Broadband Network (PSBN) Site Transition to AT&T:

During the 4th Quarter 2020, all sites will have been transitioned and integrated into the AT&T network for a total of 71 sites except for 4 sites due to integrate into the network by 3/31/2021 due to pending lease agreements with Pasadena, LA City, LA City Harbor and LA County.

Network Monitoring and Operations

Currently all operations are with AT&T.

Network Optimization

All Network Optimization is being done by AT&T as they transition the PSBN sites to their Network.

Special Events

There were no special events conducted during 4th Quarter 2020.

Status of PSBN Agency Onboarding

All agencies onboarding program for LA-RICS have been concluded. No further on-boarding work is contemplated. All future onboarding of agencies is at the sole discretion of AT&T/FirstNet.

Long Term Evolution (LTE) Round 2

Work was completed during the end of the 2nd Quarter 2020 for Sites 1-14 during 3rd Quarter 2020 for Sites 15-20.

Objective 1 (26) Site Augmentation:

Construction for Sites 1-14 were completed during the end of the 2nd Quarter 2020. Sites 15-20 were completed at the start of the 3rd Quarter as well as entitlement completion on Sites 21-26. As of July 8, 2020, funding source for construction of Sites 21-26 has shifted and will no longer be funded through BTOP. Percent complete in narrative in this report have been adjusted to reflect this adjustment. For clarity, BTOP is funding through construction complete on Sites 1-20 and through entitlement complete on Sites 21-26.

Objective 2 Status:

The Round 2 Cell On Light Truck (COLT) and the Cell on Pickup Truck (COPT) units and were delivered to LA-RICS after completion of the acceptance testing in the 2nd Quarter 2020. All invoicing has been completed for the COLT and COPT.

Outreach Reporting

A Meeting with representatives from the City of Montebello took place in the month August as well as meetings with AT&T to discuss final technical and program management concerns, transition logistics as well as assignment and assumption agreement for the migration of the PSBN to the NPSBN.

Board Actions

No Board action relating to Site Access Agreements took place in the month of August.

Close Out Activities

On August 15, 2020, LA-RICS submitted all closeout materials, including all invoices and claims for reimbursement via Grants Online for NTIA/NOAA review.

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)
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	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or subsequent written updates provided to your program officer)
2a.	Overall Project	98	Completion of Sites 1-20.
2b.	Environmental Assessment	100	Finding of No Significant Impact (FONSI) received for 29 sites (26 sites, plus 3 contingency sites).
2c.	Network Design	100	The list of 26 PSBN Round 2 sites has been finalized. LA-RICS and AT&T have agreed on parameters for extending network fiber to sites.
2d.	Rights of Way	100	All LA-RICS site access agreements have been executed
2e.	Construction Permits and Other Approvals	100	All work relating to Building Permits have been complete
2f.	Site Preparation	100	Construction is complete for Sites 1-20
2g.	Equipment Procurement	100	All equipment was received in this Quarter
2h.	Network Build (all components - owned, leased, IRU, etc)	100	Network components for Round 2 have been installed at Sites 1-20.
2i.	Equipment Deployment	100	Round 2 Site equipment has been deployed at Sites 1-20.
2j.	Network Testing	100	Round 1 Testing Complete. Network Testing is not part of the Round 2 LA-RICS scope
2k.	Other (please specify):	0	

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).

The LTE Round 1 program has been 100% completed, tested, and transitioned.

The LTE Round 2 program has been completed.

Objective 2

1.) No Challenges or Issues. COLT and COPT were delivered to LA-RICS after completion of the acceptance testing in the 2nd Quarter 2020.

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	156	Includes all 15 point to point microwave links, including intermediate hops going to the non-LTE sites.
New network miles leased	0	No new network miles leased
Existing network miles upgraded	100	Calculates distance between nodes used on Los Angeles County and City of LA fiber.
Existing network miles leased	494	Existing network miles leased from Time Warner Cable and AT&T to Los Angeles County Fire Command Control Facility.
Number of miles of new fiber (aerial or underground)	0	Essentially less than a mile for site communication.
Number of new wireless links	12	PSBN microwave links.
Number of new towers	40	There are currently 40 Towers installed.
Number of new and/or upgraded interconnection points	0	

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

5b. Please list the names of the wholesale and last mile providers with whom you have signed agreements (100 words or less). Providers:
N/A

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:
N/A

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 third party operates (600 words or less).
N/A

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	Providers with signed agreements receiving new access	0	N/A
	Providers with signed agreements receiving improved access	0	N/A
	Providers with signed agreements receiving access to dark fiber	0	N/A
	Please identify the speed tiers that are available and the number of subscribers for each	0	N/A
Community Anchor Institutions (including Government institutions)	Total subscribers served	0	It is estimated that 606 CAIs will be added to the completed Network.
	Subscribers receiving new access	0	Pending system acceptance
	Subscribers receiving improved access	0	Pending system acceptance
	Please identify the speed tiers that are available and the number or subscribers for each	0	Pending system acceptance
Residential / Households	Entities passed	0	N/A
	Total subscribers served	0	N/A

Subscriber Type	Access Type	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
	Subscribers receiving new access	0	N/A
	Subscribers receiving improved access	0	N/A
	Please identify the speed tiers that are available and the number of subscribers for each	0	N/A
Businesses	Entities passed	0	N/A
	Total subscribers served	0	N/A
	Subscribers receiving new access	0	N/A
	Subscribers receiving improved access	0	N/A
	Please identify the speed tiers that are available and the number of subscribers for each	0	N/A

7. Please describe any special offerings you may provide (600 words or less).

N/A

8a. Have your network management practices changed over the last quarter? Yes No

8b. If so, please describe the changes (300 words or less).

N/A

9. Community Anchor Institutions:

Using the table below, please provide a list by service area of the community anchor institutions (including Government institutions) connected to your network as a result of BTOP funds. Figures should be reported for the most recent reporting quarter only (NOT cumulatively). Also indicate whether your organization is currently providing broadband service to the anchor institution. Finally, provide a short narrative description with examples of how institutions are using BTOP-funded infrastructure (300 words or less).

Institution Name	Service Area (town or county)	Type of Anchor Institution (as defined in your baseline)	Are you also the broadband service provider for this institution? (Yes / No)	Narrative description of how anchor institutions are using BTOP-funded infrastructure
N/A	N/A	N/A	N/A	N/A

Project Indicators (Next Quarter)

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

LTE Round 1- Initial 76 Sites Program
County Fire and Sheriff continue with device transitions to the FirstNet Network.

PSBN Site Transition to AT&T:

During the 4th Quarter 2020, all sites will have been transitioned and integrated into the AT&T network for a total of 71 sites except for 4 sites due to integrate into the network by 3/31/2021 due to pending lease agreements with Pasadena, LA City, LA City Harbor and LA County. All Site Access Agreements (SAA) are in progress and have no issues keeping them from being completed

PSBN Round 2

Objective 1 – (26) Site Augmentation: Equipment delivery completed at 26 sites during 3rd Quarter 2020.

Objective 2 – Cell On Light Truck (COLT):

1.) COLT and COPT were completed during the 3rd Quarter 2020 and have no more deliverables for 4th Quarter 2020.

Outreach

Final negotiations with the City of Montebello for LTE Round 2 site access agreements took place in the month of August. All Outreach to residents/businesses within 500 feet have been conducted.

Board Actions

All Site Access Agreements for LTE2 sites have been approved by Joint Power Authority (JPA) Board.

The BTOP award period ended on 7/31/2020. Other than addressing the Close Out administrative requirements, no additional project accomplishments are planned.

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	98	
2b.	Environmental Assessment	100	FONSIs have been received for all sites
2c.	Network Design	100	Round 2 List of 26 sites has been finalized.
2d.	Rights of Way	100	Round 2 LA-RICS Site Access Agreements executed for all 26 sites.
2e.	Construction Permits and Other Approvals	100	Round 2 Building permits issued for all 26 sites
2f.	Site Preparation	100	All sites completed for Round 2
2g.	Equipment Procurement	100	Round 2 Equipment received for all 26 sites.
2h.	Network Build (all components - owned, leased, IRU, etc.)	100	Round 2 Equipment deployed at 26 sites.
2i.	Equipment Deployment	100	Round 2 Equipment deployed at 26 sites.
2j.	Network Testing	100	Round 1 Testing Complete. Network Testing is not part of the Round 2 LA-RICS scope.
2k.	Other (please specify):	0	

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 LTE Round 2 program has the following challenge or issues:

Objective 1

1.) No issues. Round 2, Objective 1 is complete.

Objective 2

1.) No issues. COLT and COPT are complete.

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.

Budget for Entire Project				Actuals from Project Inception through End of Current Reporting 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	\$38,582,924	\$15,259,561	\$23,323,363	\$43,596,915	\$16,134,428	\$27,462,487	\$43,596,915	\$16,134,428	\$27,462,487
b. Land, structures, right-of-ways, appraisals, etc.	\$26,074,247	\$13,439,034	\$12,635,213	\$17,118,706	\$15,468,550	\$1,650,156	\$17,118,706	\$15,468,550	\$1,650,156
c. Relocation expenses and payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Architectural and engineering fees	\$38,448,541	\$1,569,511	\$36,879,030	\$39,293,495	\$1,569,511	\$37,723,984	\$39,293,495	\$1,569,511	\$37,723,984
e. Other architectural and engineering fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
f. Project inspection fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
g. Site work	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
h. Demolition and removal	\$17,903	\$0	\$17,903	\$0	\$0	\$0	\$0	\$0	\$0
i. Construction	\$33,414,414	\$0	\$33,414,414	\$32,530,632	\$0	\$32,530,632	\$32,530,632	\$0	\$32,530,632
j. Equipment	\$48,817,244	\$5,162,041	\$43,655,203	\$50,171,942	\$4,717,056	\$45,454,886	\$50,171,942	\$4,717,056	\$45,454,886
k. Miscellaneous	\$7,625,039	\$3,185,000	\$4,440,039	\$6,299,041	\$1,512,959	\$4,786,082	\$6,299,041	\$1,512,959	\$4,786,082
l. SUBTOTAL (add a through k)	\$192,980,312	\$38,615,147	\$154,365,165	\$189,010,731	\$39,402,504	\$149,608,227	\$189,010,731	\$39,402,504	\$149,608,227
m. Contingencies									
n. TOTALS (sum of l and m)	\$192,980,312	\$38,615,147	\$154,365,165	\$189,010,731	\$39,402,504	\$149,608,227	\$189,010,731	\$39,402,504	\$149,608,227

2. Program Income: Please provide the program income you listed in your application budget and actuals to date through the end of the reporting period.

a. Application Budget Program Income:	b. Program Income to Date: