

**QUARTERLY PERFORMANCE PROGRESS REPORT FOR BROADBAND INFRASTRUCTURE PROJECTS**

**General Information**

<b>1. Federal Agency and Organizational Element to Which Report is Submitted</b>  Department of Commerce, National Telecommunications and Information Administration	<b>2. Award Identification Number</b>  NT10BIX5570158	<b>3. DUNS Number</b>  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

<b>5. Current Reporting Period End Date (MM/DD/YYYY)</b>  06-30-2020	<b>6. Is this the last Report of the Award Period?</b>  <input type="radio"/> Yes <input checked="" 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.**

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

<b>7b. Signature of Certifying Official</b> 	<b>7e. Date Report Submitted (MM/DD/YYYY):</b>  8/24/2020
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**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 2nd Quarter 2020, another site was transitioned and integrated into the AT&T network for a total of 58 sites that have transitioned off the PSBN to the AT&T system.

**Network Monitoring and Operations**

Currently all operations are with AT&T.

**Network Optimization**

Currently 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 2nd 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**

On June 1, 2020 LA-RICS formally requested a No-Cost Extension allowing LA-RICS to complete certain construction activities through July 7, 2020, with our assurance all final close-out activities will be completed on or before August 15, 2020. NOAA approved the extension request on June 9, 2020.

On June 22, 2020 LA-RICS formally submitted request for a No-Cost Extension to the award period through July 31, 2020, to allow LA-RICS Authority to complete orders for equipment as well as complete entitlement work for sites 21-26 with closeout materials including invoices and claims for reimbursement to be submitted to the National Telecommunications and Information Administration (NTIA) by no later than August 15, 2020. NOAA approved the extension request on June 29, 2020.

The Round 2 programs progressed during the 2nd Quarter 2020.

**Objective 1 (26) Site Augmentation:**

Work continued on PSBN Round 2 during the 2nd Quarter 2020 related to completing construction on Sites 1-20. Sites 1-14 were completed by June 30th, 2020. Sites 15–20 are scheduled to be completed in the beginning of 3rd Quarter 2020. Work was temporarily stopped on sites 21-26 because it was projected that they would not be completed by June 30th, 2020. However, these sites have been re-started and a partial building permit has been issued for Montebello, entitlements for the remaining 5 sites are in process along with the balance of the remaining permit for Montebello.

**Objective 2 Status:**

LA-RICS received the FirstNet Remote Mobility Zone (FRMZ) equipment that was delivered on April 7, 2020 to the Cell On Light Truck (COLT) and the Cell on Pickup Truck (COPT) vendor for installation on COLT/COPT units. During the 2nd Quarter 2020, final designs and equipment were completed for the COLT/COPT Units as well as the COLT/COPT units were furnished, enclosures completed, equipment was installed and tested. Final Acceptance testing and training were completed at the Vendors facility in Phoenix Arizona. The COLT and COPT units were delivered to LA-RICS after completion of the acceptance testing. The units are currently stored at the Sheriff facility near the LA-RICS Head Quarters.

**Outreach Reporting**

Various meetings continued in the months of May, June and July with AT&T with ongoing discussions on technical and program management concerns, transition logistics as well as assignment and assumption agreement meetings for the migration of the PSBN to the NPSBN. During this reporting period, Executive Director Edson and LA-RICS Outreach Team continued meetings with City Managers and/or Police and Fire Chiefs from the cities of Glendale, the Ports of Los Angeles and Long Beach and Montebello to discuss potential Round 2 PSBN sites.

**Board Actions**

On July 9, 2020, the Board approved Sublicenses and Consent to Sublicenses for three (3) County owned LTE2 sites. These sites are Cerro Negro 2 (CRN2), LACF Del Valle 2 (Del2) and Monte Vista Star Center (MVS2).

**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	91	Substantial completion has been achieved for 20 of 26 sites. Drawings for PSBN Round 2 sites.
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	96	All LA-RICS site access agreements have been executed with the exception of POM2 which is pending the Judicial Courts of California (JCC) for final executable document.
2e.	Construction Permits and Other Approvals	84	Full building permits have been issued for 22 of 26 sites.
2f.	Site Preparation	77	For Round 2, 20 of 26 sites were under construction in April, May and June.
2g.	Equipment Procurement	95	Equipment for Round 2 has been fully received for 20 sites. Most equipment has been received for sites 21-26 and the remainder is on order.
2h.	Network Build (all components - owned, leased, IRU, etc)	77	Network components for Round 2 has been installed at 20 of 26 sites.
2i.	Equipment Deployment	77	Round 2 site equipment has been deployed at 20 of 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. 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. Current outstanding issue is the final Site Access Agreements (SAAs) between AT&T and 14 different site owners, and 15 sites left to integrate in the AT&T FirstNet System.

The LTE Round 2 program has the following challenge or issues:

Objective 1

- 1.) In early March, supply-chain issues related to COVID-19 began to affect delivery dates for certain pieces of equipment. These problems are ongoing and we expect them to continue for the foreseeable future.
- 2.) Later in March, stay-at-home orders by State and local governments due to COVID-19 began to impact LA-RICS' ability to timely complete designs and obtain site access agreements along with zoning and building permit approvals and inspections during the construction process. These problems are ongoing and we expect them to also continue for the foreseeable future.
- 3.) Managing concurrent construction work at multiple sites.
- 4.) Timely delivery of final power maps from Southern California Edison (SCE).
- 5.) Navigating conflicting and delayed direction regarding zoning clearances from City of Los Angeles and City of Long Beach.

Objective 2

- 1.) COLT and COPT were delivered to LA-RICS facility on time.

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	N/A

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 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)

Subscriber Type	Access Type	Total	Narrative (describe your reasons for any variance from the baseline plan or any other relevant information)
<b>Broadband Wholesalers or Last Mile Providers</b>	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
<b>Community Anchor Institutions (including Government institutions)</b>	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.
<b>Residential / Households</b>	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
<b>Businesses</b>	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:

AT&T has 58 of 75 sites transitioned to date. Currently we are tracking both site access agreements and site cutovers to ensure a majority of the sites are transition to AT&T FirstNet's Core by 4th Quarter 2020 with 4 sites to complete in 1st Quarter 2021.

PSBN Round 2

Objective 1 – (26) Site Augmentation:

Six of the first 20 sites (Sites 15-20) were not completed by June 30th, 2020, however these will be completed by July 7th, 2020. By July 31st, 2020 we expect to have all entitlements complete for Sites 21-26. However, this is contingent upon cooperation from the City of Los Angeles and City of Long Beach as the permitting jurisdictions for the sites in the Ports of Los Angeles and Long Beach: POLA1, POLA2 and POLB1. In addition to the permits obtained from the Ports of Los Angeles and Long Beach, all 3 sites require permits from the applicable City.

Objective 2 – Cell On Light Truck (COLT):

1.) COLT and COPT were delivered to LA-RICS facility. No more deliverables for 3rd Quarter 2020.

Outreach

Final negotiations with agencies for LTE Round 2 site access agreements to continue. 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.

**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	91	
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.

	Milestone	Planned Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
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.) In early March, supply-chain issues related to COVID-19 began to affect delivery dates for certain pieces of equipment. These problems are ongoing and we expect them to continue for the foreseeable future.
- 2.) Later in March, stay-at-home orders by State and local governments due to COVID-19 began to impact LA-RICS' ability to timely complete designs and obtain site access agreements along with zoning and building permit approvals and inspections during the construction process. These problems are ongoing and we expect them to also continue for the foreseeable future.
- 3.) Managing concurrent construction work at multiple sites.
- 4.) Timely delivery of final power maps from Southern California Edison (SCE).
- 5.) Navigating conflicting and delayed direction regarding zoning clearances from City of Los Angeles and City of Long Beach.

Objective 2

- 1.) No issues. COLT and COPT were delivered to LA-RICS facility.

**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	\$41,808,489	\$15,611,160	\$26,197,329	\$42,133,984	\$15,705,858	\$26,428,126
b. Land, structures, right-of-ways, appraisals, etc.	\$26,074,247	\$13,439,034	\$12,635,213	\$13,406,215	\$11,829,541	\$1,576,674	\$13,531,334	\$11,937,872	\$1,593,462
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	\$38,688,124	\$1,569,511	\$37,118,613	\$38,827,487	\$1,569,511	\$37,257,976
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	\$26,509,603	\$0	\$26,509,603	\$26,537,575	\$0	\$26,537,575
j. Equipment	\$48,817,244	\$5,162,041	\$43,655,203	\$48,649,269	\$4,717,056	\$43,932,213	\$48,781,835	\$4,757,984	\$44,023,851
k. Miscellaneous	\$7,625,039	\$3,185,000	\$4,440,039	\$6,299,041	\$1,512,959	\$4,786,082	\$6,361,428	\$1,540,289	\$4,821,139
<b>l. SUBTOTAL (add a through k)</b>	\$192,980,312	\$38,615,147	\$154,365,165	\$175,360,741	\$35,240,227	\$140,120,514	\$176,173,643	\$35,511,514	\$140,662,129
m. Contingencies									
<b>n. TOTALS (sum of l and m)</b>	\$192,980,312	\$38,615,147	\$154,365,165	\$175,360,741	\$35,240,227	\$140,120,514	\$176,173,643	\$35,511,514	\$140,662,129

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: