



EXECUTIVE OFFICE OF TECHNOLOGY SERVICES & SECURITY

COMMONWEALTH OF MASSACHUSETTS | 1 ASHBURTON PLACE, 8TH FLOOR, BOSTON, MA 02108

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July 31, 2025

Frank Pozniak
Executive Director
State 911 Department
151 Campanelli Dr., Suite A
Middleborough, MA 02346

**RE: FISCAL YEAR 2025 - COMIRS 4TH QUARTER REPORT
(Reporting Period April 1, 2025 – June 30, 2025)**

Dear Director Pozniak,

In accordance with Department of Telecommunication and Cable (hereinafter D.T.C.) Order 18-2 dated June 29, 2018, D.T.C. Order 19-2 dated May 16, 2019, D.T.C. Order 20-1 dated May 26, 2020, D.T.C. Order 21-3 dated May 26, 2021, D.T.C. Order 22-1 dated June 1, 2022, D.T.C. Order 23-2 dated June 14, 2023, D.T.C. Order 24-2 dated June 4, 2024, D.T.C. Order 25-2 dated June 12, 2025, and the State 911 Department's Guidance Document as issued to the Executive Office of Technology Services and Security (hereinafter EOTSS) on or about September 9, 2020, I respectfully submit the Fiscal Year 2025 4th Quarter Report for the Commonwealth's project to modernize, improve, and expand its interoperable public safety radio system (hereinafter CoMIRS).

The 4th Quarter of Fiscal Year 2025 was highlighted by:

- the continuation of activities necessary to prepare for TDMA radio network implementation,
- the implementation of substantive construction activities at Phase 1A sites,
- the update of site selection in the Boston metropolitan area,
- the coordination of the shared use of the Mt Wachusett summit,
- the development of engineering and leasing documents for planned communications sites in Phases 1B, 1C, and 1D (together referred to as "Phase 1B+"),
- the initiation of construction activities for Phase 1B+ sites,
- the sharing of program information and coordinated planning with CoMIRS stakeholders, and
- the continued monitoring and auditing of the CoMIRS budget and expenditures.

The details of the program activities recorded during the reporting period are described below.

THE COMIRS PROGRAM MANAGEMENT OFFICE'S (PMO) CONTINUATION OF ACTIVITIES IN PREPARATION OF THE IMPLEMENTATION OF THE COMMONWEALTH'S TDMA RADIO NETWORK:

(CoMIRS Strategic Plan Roadmap Major Activity 6.2.8, “Prepare for TDMA Radio Network Implementation”)

The PMO continues to meet both virtually and in-person with the Motorola project team, multiple times per week, on an unlimited number of technical and/or contract administration issues. Site visits are regularly performed by members of the CoMIRS, Motorola, and subcontractor teams involved in system implementation, engineering, and construction. Construction teams are managed by a Motorola construction manager and are often accompanied in the field by technicians and engineers from the Department of State Police. All contractors working on CoMIRS sites have proper certificates of insurance and meet State Police access requirements, including CORI background checks, where applicable. Prevailing wage rate schedules have been provided to contractors, and contractors are responsible for posting wage reports and maintaining adherence to Commonwealth regulations regarding prevailing wage and workforce participation.

The CoMIRS PMO is responsible for the timely execution of agency agreements, the review and approval of engineering designs, the coordination with land and tower owners, the issuances of authorizations to pull building permits and notices to proceed for construction, and the oversight of the overall project schedule and budget.

CoMIRS PROGRAM MANAGEMENT OFFICE (PMO) ACTIVITIES YIELDING SUBSTANTIVE CONSTRUCTION MILESTONES:

(CoMIRS Strategic Plan Roadmap Major Activity 6.2.10, “Build, Lease or Upgrade Radio Sites”)

Beginning in December of 2023, the PMO authorized the initiation of major civil construction activities in support of the modernization of the CoMIRS radio system. The construction activities at these sites can include:

- improvements to site access roads,
- installation or repair of equipment shelters,
- improvements to HVAC,
- upgrades to electrical and emergency generator systems,
- installation and/or upgrades of ice bridges and ice shields,
- compound improvements, including gate and fence repairs,
- site access security and video surveillance installation,
- tower remediations,
- custom mount installations,
- decommission of old antenna systems, dishes, lines, and mounts,
- installation of new antenna systems, dishes, lines, and mounts, and
- other services needed to establish mission critical communication sites.

Below is a list of the fourteen (14) building permitting authorizations (“BPA”) issued during the 4th Quarter of FY 2025 by the CoMIRS PMO. These BPAs are major project milestones issued by the CoMIRS PMO to Motorola Solutions that serve as a formal approval to submit building permitting applications on behalf of the project and initiate mobilization planning for civil construction at the specified communications site. BPAs may include specific conditions for the approved construction activities, issued by the CoMIRS PMO, the tower owner, the landowner, an access road owner, or other party. The FY 2025 4th Quarter BPAs include:

- Wrentham-Washington St (Crown Castle, building permitting authorized on 5/13/2025)
- Amesbury-Pow Wow Hill 2 (Industrial Tower and Wireless, LLC, building permitting authorized on 5/30/2025)

- Monson-Hovey Rd (Crown Castle, building permitting authorized on 5/29/2025)
- Barnstable-Oak St (Crown Castle, building permitting authorized on 5/30/2025)
- Rehoboth-Martin St (Industrial Tower and Wireless, LLC, building permitting authorized on 5/30/2025)
- Scituate-Clapp Rd (Crown Castle, building permitting authorized on 5/30/2025)
- Worcester-Millstone City Shelter (City of Worcester, building permitting authorized on 5/30/2025)
- Mendon-Chestnut Hill (DCR, building permitting limited to tower remediation authorized on 6/2/2025)
- Harvard-Pinnacle Rd (DCR, building permitting limited to tower remediation authorized on 6/2/2025)
- Fitchburg-Rollstone Hill (City of Fitchburg, building permitting authorized on 6/8/2025)
- Rowley-Prospect Hill (Crown Castle, building permitting authorized on 6/12/2025)
- Sandwich-Telegraph Hill (DCR, building permitting limited to tower remediation authorized on 6/12/2025)
- Plymouth-State Rd (Industrial Tower and Wireless, LLC, building permitting authorized on 6/18/2025)
- Canton-Blue Hill MSP (DCR, building permitting limited to tower remediation authorized on 6/20/2025)

Additionally, the CoMIRS PMO issued one (1) additional notice to proceed (NTP) for construction during the 4th Quarter of FY 2025. NTPs are issued when all appropriate owner, building inspector, and other approvals have been obtained and when the CoMIRS PMO concurs with the plan to be implemented at each site, including coordination and planning regarding any outages that existing CoMIRS users may experience during construction activities. Any specific conditions for construction issued by the CoMIRS PMO or the tower or site owner are included in the NTP document. The FY 2025 4th Quarter NTPs include:

- Shelburne-Mt Massaemett (SBA Communications, NTP for construction reissued on 6/13/2025)

Engineering and planning for several Phase 1B+ sites are near complete. The CoMIRS PMO expects to issue additional BPAs and NTPs throughout the remainder of calendar year 2025.

THE JOINT CoMIRS-MOTOROLA PROJECT TEAM CONTINUES TO CONDUCT RADIO SITE VISITS:
(CoMIRS Strategic Plan Roadmap Major Activity 6.2.10, “Build, lease, or upgrade radio sites”)

The CoMIRS PMO and the Motorola Solutions project team continue to conduct numerous site visits to assess existing communications sites, evaluate new sites, and plan the RF and backhaul network. Field visits are conducted utilizing joint Commonwealth and Motorola teams, and result in the development of project deliverables, including equipment inventories, compound and tower diagrams, and microwave path reports. These deliverables are used to support lease applications, obtain owner approval for compound and tower changes, inform civil engineers conducting tower structural analyses, perform equipment delivery and installation, and construct communications sites. Project deliverables are posted to the Commonwealth’s Microsoft SharePoint site.

ONGOING MAPPING AND STRUCTURAL ANALYSIS ACTIVITIES, ENVIRONMENTAL ASSESSMENTS AND PRE-CONSTRUCTION REPORTS FOR COMMUNICATIONS TOWERS:
(CoMIRS Strategic Plan Roadmap Major Activity 6.2.10, “Build, lease, or upgrade radio sites”)

There are forty-four (44) communications towers in Phase 1A and forty-five (45) communications towers in Phase 1B+ of the CoMIRS+P25 system implementation that will require the project team or the tower owner to complete a structural analysis to assure that the added or changed load on the tower can be properly handled by the communications tower and its foundation. If the added load exceeds national standard engineering thresholds for the designated tower class, then the tower must be remediated to handle the additional load. These remediations may include such repairs or improvements as reinforcing tower legs with steel, repouring or expanding tower or anchor foundations, replacing, or adding guyed wires, or, if

needed and financially viable, replacing an existing tower. Much of the allowances planned for “Tower Remediation” are reserved to fund these required tower improvements.

Phase 1A Site Work Summary Through June 30, 2025

Below are the major activities completed through the end of this quarterly reporting period. The metrics reported below are based on site completions. For instance, a site may have multiple antenna systems installed on its tower. The “Antennas and Lines (A&L) Completed” metric below will show a completion of “1” for each site where all antenna systems planned for that site are installed. It is not a count of the number of antenna systems installed, but rather a count of the completion of a major activity at each of the planned communication sites. Additionally, metrics may change across reporting periods based on changes to approval status, changes to project needs, evolution of engineering designs, or other criteria.

Each major activity is described in narrative, including a discussion of why that project activity is needed. Under each narrative description is a table summarizing the total number of communication sites that need that major activity completed and how many have been completed through the end of the reporting period for the whole project and for just those sites in Phase 1A. At the far right of these tables are counts by quarter of FY 2025 in which it is reported that this activity has been completed at a communication site. Please note that some activities are recorded as “TBD” until a formal determination has been made about the need for that activity at each individual communication site.

Site Walks Completed: Site walks are physical visits to potential equipment site locations, typically including both CoMIRS and contractor personnel. Contractor personnel take pictures and measurements of the visited site and discuss with CoMIRS personnel the viability of the site for use on the CoMIRS project. Site walks allow engineers to begin preparing initial site designs and identify early in the project potential site issues or unanticipated project costs.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
130	0	107	82%	50	0	47	94%	1	0	0	2

SOW Completed: The scope of work (SOW) document is a tabulated list of all work to be performed at a site. It includes a list of changes to the scope, with the appropriate financial credit or debit for the change. The SOW document aids in tracking scope changes at individual sites and provides a mechanism for agreement on approved scope between the CoMIRS PMO and Motorola Solutions. These documents are used to finalize subcontracting agreements for services and equipment to be provided to a project site.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
115	0	83	72%	45	0	43	96%	0	4	17	16

Lease Amendment Completed: A lease amendment is a change to an existing lease at a site. Lease amendments are needed when existing equipment is changed or new equipment is added to a leased communications site. Upon completion, the new lease captures the proposed loading and ground space

changes. Obtaining an amended lease agreement is a necessary step to implement the changes needed at an existing leased site.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
70	0	35	50%	40	0	26	65%	0	0	1	9

Tower Mapping Completed: A tower mapping is a deliverable resulting from a site visit with a tower climb to document structural steel members of a tower as well as a detailed inventory of antennas, feedlines, and other tower loads. A report is provided with a tower mapping as well as pictures of loads and key tower features. Tower mappings allow for an accurate structural analysis to be conducted on a tower and provide an updated inventory of tower equipment, including mount locations.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
47	1	43	91%	23	0	23	100%	0	1	0	1

Foundation Mapping Completed: A foundation mapping is a deliverable resulting from a site visit that uses a combination of ground-penetrating radar and excavation of the existing tower foundation to supplement engineering information should existing documentation provide insufficient foundation details. Foundation mappings are used in conjunction with tower mappings to conduct a rigorous structural analysis of a tower.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
23	19	23	100%	12	0	12	100%	1	0	0	1

Structural Analysis Completed: A structural analysis is a calculated determination of the loading of a tower compared to its loading capacity, done to meet the TIA/EIA-222 standard. All discrete loads (antennas, dishes, and other items attached to the tower) and continuous cabling loads are considered in the analysis. The analysis is based on a proposed final loading of the tower. A structural analysis validates the structural integrity of the tower to support the proposed loading through inclement weather, including ice.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
93	0	60	65%	45	0	36	80%	1	8	12	6

Mount Analysis Completed: A mount analysis is a calculated determination of the loading of a mount compared to its loading capacity, done to meet the TIA/EIA-222 standard for the supporting structure for antennas and small wind turbines. All discrete loads (antennas, dishes, and other items attached to the mount) are considered in the analysis. The analysis is based on a proposed final loading for the mount and validates the structural integrity of the mount to support the proposed loading. Mount analyses are more broadly recommended or required under TIA/EIA-222 RevH, adopted as a construction standard in Massachusetts in 2025.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
20	59	13	65%	3	43	3	100%	2	0	0	11

Custom Mount Design Completed: The custom mount design is a document detailing a unique engineered design of a mounting structure to be built and used at a communication site. These include mounts designed to limit damage to fire tower cabins and mounts used to hold equipment in unique configurations. The custom mount design ensures the mounting structure proposed will safely support the antennas and microwave dishes planned.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
11	43	9	82%	6	1	6	100%	0	2	2	1

Foundation Design Completed: The foundation design is a document describing the engineered foundation for a proposed tower, shelter, or equipment pad. Calculations as well as drawings and specifications for the foundation are found in this document. A foundation design provides assurance that the proposed infrastructure will support the required loading without structural failure.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
10	47	2	20%	10	1	2	20%	0	1	0	1

FAA Screening Completed: The FAA screening consists of determining whether an FAA Obstruction Evaluation (OE) is required for a tower. Adhering to the results of FAA screening ensures the CoMIRS system is in compliance with FAA regulations. As a result, some towers may require specific types of aviation standard painting or tower top lighting to promote aviation safety.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
92	0	84	91%	45	0	43	96%	37	4	0	1

100% Construction Drawing Completed: A construction drawing (CD) is a multi-page document with work details, relevant specifications, and drawings of the work proposed at a site. The final set is stamped and sealed by an engineer of record that all work is specified according to best standards and industry practices. Construction drawings provide an on-site reference for the crew of the work to be completed and how to properly complete it. CDs also serve as an agreement document between vendor and customer on what work is to be completed and how it is to be completed.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
93	0	60	65%	45	0	40	89%	4	4	12	5

Building Permit Pulled: A building permit (BP) is required for most site work involving changes to tower and compound equipment. The building permit is needed to ensure compliance with any authorities having jurisdiction where the sitework is being performed. Depending on the ownership of the communication site land, the building permit may be pulled with the approval of a municipal building inspector or state building inspector.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
91	0	43	47%	44	0	38	86%	17	4	3	3

Construction Started: This milestone denotes the formal beginning of construction activities at a site. Construction activities typically include a pre-construction kickoff meeting where all involved parties meet to discuss the work to be performed and any rules or considerations for accessing the site or completing the agreed upon scope of work. Tracking the start date of construction helps in tracking work progress.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
97	0	39	40%	50	0	38	76%	8	7	3	3

Clearing Completed: Clearing of trees and underbrush is often required at a site compound to protect equipment or to improve site access. Clearing of the proposed compound area or access road is often needed to permit the delivery and installation of larger items at the site (e.g. shelter, generator, tower, cranes). Clearing is also often needed to protect equipment from damage caused by overgrowth.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
5	39	5	100%	5	5	5	100%	1	1	1	1

Generator Foundation Complete: This activity tracks when the foundation for a new generator has been poured and tested, and when the foundation is ready for generator placement. The generator foundation allows for the safe placement of the proposed generator at a site and helps protect the generator from damage over time.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
31	61	6	19%	8	37	5	63%	0	3	0	2

Fuel Tank Foundation Completed: This activity tracks when the foundation for a new fuel tank has been poured and tested, and when the foundation is ready for fuel tank placement. The fuel tank foundation allows for safe placement of the proposed fuel tank at a site and helps protect the fuel tank from damage over time.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
30	61	2	7%	10	35	1	10%	0	1	0	1

Underground Utilities Completed: This activity tracks when any underground runs of utility power from the utility demarcation point to the shelter are complete. Having utility work completed allows for the shelter to be powered up, providing an air-conditioned environment suitable for fixed network equipment (FNE). Equipment installation is not recommended until this step is complete.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
12	72	12	100%	12	28	12	100%	0	5	2	1

Underground Grounding Completed: This activity tracks when any underground grounding halo and connections to the halo are complete. Having a complete and continuous underground grounding system provides electrical protection to outdoor and indoor equipment at a site. Grounding systems prevent

damage to equipment from lightning and/or electrical surges and are typically installed prior to electronic equipment delivery and installation.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
28	60	28	100%	28	16	28	100%	4	8	2	2

New Shelter Set: This activity tracks when a new shelter at a site has been placed on its foundation, grounded, and ready for power. The shelter provides an environmentally controlled and secure place for fixed network equipment (FNE) and other components. Delivery of equipment cannot be made until appropriate shelter space is available.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
32	2	5	16%	9	0	5	56%	0	2	0	2

New Generator Set: This activity tracks when a new generator has been set on its foundation, configured, and is ready for power connection. The new generator provides emergency backup power in case of commercial power failure.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
30	19	5	17%	8	2	5	63%	0	2	0	2

Above Grade Electrical Completed: This activity tracks when any aerial run from the utility to the shelter has been completed. Having utility work completed allows for the shelter to be powered up, providing an air-conditioned environment suitable for FNE equipment. FNE equipment installation is not recommended until this step is complete.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
6	81	2	33%	6	36	2	33%	0	0	0	1

Above Grade Grounding Completed: This activity tracks when grounding of equipment to the grounding system has been completed. Grounding of equipment provides protection from electrical surges.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
9	79	4	44%	9	34	4	44%	0	2	0	1

Ice Bridge Installed: This activity tracks when the ice bridge posts and grating have been installed and grounded. The ice bridge provides protection and support for proposed antenna cabling. Due to the protection it provides, ice bridges are required to be installed before antennas and lines can be installed.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
5	39	5	100%	5	4	5	100%	0	2	0	1

Compound Final Grade Completed: After all below grade work has been completed, the compound is brought up to final grade and compacted and the specified rock fill has been distributed over top. The final grading of a site returns the ground level to that proposed as part of site work. This activity provides a level surface for final stoning and filling of a site.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
4	47	4	100%	4	8	4	100%	0	0	1	1

Antennas and Lines (A&L) Completed: This activity tracks when all antennas and lines have been installed, relocated, or removed as called out in the scope of work. Antennas and lines being installed allow for the delivery and installation of FNE equipment in the shelter. Without antennas and lines, the FNE equipment cannot be configured and optimized.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
86	9	32	37%	42	3	32	76%	5	7	1	5

Line Sweeps Completed: Line sweeps are measurements taken by a spectrum analyzer or service monitor tool to capture performance of any installed RF cabling. Line sweeps provide assurance that lines and antennas are to specification and will operate as intended. The line sweeps provide a mechanism for identifying issues along lines and connections to antennas and other equipment.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
91	9	32	35%	47	3	32	68%	5	7	1	4

Site Restoration Completed: Site restoration is the cleanup and final grading of soil at a site as well as any seeding needed to bring the site back to pre-construction condition. Site restoration returns the site to a condition agreed upon by the site owner. A third-party inspection will usually not be conducted until site restoration is complete, as it will be a part of the inspection.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
112	6	30	27%	50	0	30	60%	4	6	1	2

FNE Equipment Delivery Completed: This activity tracks when all fixed network and radio equipment has been delivered to the site. Proper tracking of this milestone allows Motorola to schedule crews for the installation and configuration of equipment shortly after delivery.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
90	0	11	12%	43	0	11	26%	3	3	3	1

Microwave Installation Completed: This activity tracks when all microwave equipment has been installed, powered up, configured, and tested at a communications site. Installation of the microwave equipment allows for the proposed connectivity to the site to be operational. It is a key component to having the site on the air.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
17	74	14	82%	15	26	14	93%	3	5	2	2

Video Surveillance Completed: This activity tracks when the installation and configuration of site security video cameras is completed. Installation and configuration of the video surveillance equipment provides security and site awareness from the point of turn-up. This is critical for maintaining the security and operations of each site.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
45	45	41	91%	40	4	38	95%	9	14	3	3

Access Control Completed: This activity tracks when the installation and configuration of site access control panels is completed. The access control system provides a centralized access control system for authorized personnel to gain entry to sites. This is critical for maintaining the security and operations of each site.

Total IS-1				Total Phase 1A				FY 2025			
Needed	TBD	Completed	% Completed	Needed	TBD	Completed	% Completed	Q1	Q2	Q3	Q4
44	46	41	93%	40	4	38	95%	10	13	3	3

AUTHORIZED EXPENDITURES FROM CONTRACT “ALLOWANCES”:

(CoMIRS Strategic Plan Roadmap Major Activity 6.2.10, “Build, lease, or upgrade radio sites”)

As part of the contract with Motorola Solutions, a portion of the overall contract price was reserved for project expenses that could not be fully identified or costed at the time of contract signing. These include large expenditures like tower remediations and smaller expenditures like required NEPA studies.

During the 4th Quarter of Fiscal Year 2025, the PMO authorized new expenditures from the Allowances in the amount of \$2,344,955.83 from:

Task Order 038 Misc 1A (\$326,988.49)

TO 038 is an omnibus task order for various additional costs needed for the installation of the CoMIRS+P25 system at various Phase 1A communications sites, including sites in Springfield, Pelham, Adams, Charlton, Richmond, North Adams, Monson, Brimfield, and Holyoke. Tasks include additional microwave path surveys, access control changes, antenna mounting, access road improvements, shelter delivery costs, raven nest drone inspections, TIA inspection services, mount analyses, tower remediation changes, and waveguide protection, among others.

Task Order 040 Tower Remediations for Phase 1B (\$372,004.00)

TO 040 authorizes the remediation of towers that do not meet structural analysis requirements at sites in Harvard, Canton, Sandwich, and Mendon. The work for each site is defined in the corresponding tower remediation design.

Task Order 042 D-Series Equipment for Waltham-Bear Hill and Boston-Kneeland St (\$1,158,325.54)

TO 042 funds the equipment, licenses, and related components required for two additional communications sites in the Boston metropolitan area. The Waltham-Bear Hill site was one of two

sites added to replace the Woburn-Zion Hill site, which the CoMIRS PMO was unable to lease. The second site, Boston-Kneeland St, provides an additional RF site in downtown Boston to supplement urban coverage. This site was added as a result of the end of the Metro 700 system and the inability to obtain an agreement for shared infrastructure with the City of Boston. This site will be part of the Boston Metro simulcast cell.

Task Order 043 Revere D-Series Equipment (\$487,637.80)

TO 043 funds the equipment, licenses, and related components required to upgrade the existing Metro 700 RF site in Revere to be an integrated communications site on the CoMIRS+P25 system. This site is needed to address coverage issues in the Revere area that would occur with the loss of the current site. This site was added as a result of the end of the Metro 700 system and the inability to obtain an agreement for shared infrastructure with the City of Boston. This site will be part of the Boston Metro simulcast cell.

During the 4th Quarter of Fiscal Year 2025 the PMO did not authorized any payments for previously authorized expenditures.

Below is the summary budget for each Allowance category. The full value of all Allowances is still \$18,476,554.00. Through the end of the 4th Quarter of FY 2025, \$9,114,072.47 has been authorized to be expended from Allowances, and \$3,915,062.75 has been expended (approved for payment). \$109,472.70 has been returned to the Allowances budget, leaving \$9,471,954.23 (51.3%) remaining in Allowances.

Allowance Category	Baseline Budget	Authorized	Expended	Returned to Allowances	Remaining (Baseline - Authorized + Returned)	Remaining Percent
Approved Additional Expenditures	\$ 28,752.00	\$ -	\$ -		\$ 28,752.00	100.0%
Backhaul Improvements	\$ 1,510,592.00	\$ 1,376,523.32	\$ 717,826.87		\$ 134,068.68	8.9%
Frequency Licensing	\$ 88,174.00		\$ -		\$ 88,174.00	100.0%
Permitting, NEPA & Compliance	\$ 550,324.00	\$ 53,353.66	\$ 46,951.21	\$ 6,402.45	\$ 503,372.79	91.5%
Site Improvements	\$ 6,994,080.00	\$ 5,486,617.36	\$ 2,218,158.82	\$ 32,704.39	\$ 1,540,167.03	22.0%
Tower Remediation	\$ 9,304,632.00	\$ 2,197,578.13	\$ 932,125.85	\$ 70,365.86	\$ 7,177,419.73	77.1%
Total	\$ 18,476,554.00	\$ 9,114,072.47	\$ 3,915,062.75	\$ 109,472.70	\$ 9,471,954.23	51.3%

Several new Task Orders are expected to account for Phase 1B, 1C, and 1D sites and for additional, unplanned construction expenses related to Phase 1A sites. In addition, the CoMIRS PMO has been in discussions with Motorola Solutions about how the Contractor will adhere to contract provisions as a critical piece of radio equipment (the GTR 8000 base station) will be reaching the end of manufacturing during or shortly after this project. Any changes in equipment from the GTR 8000 base station to the new D-Series base station are expected to be documented in a project Change Order. Change Order 005 is expected to be proposed by Motorola Solutions in the 1st Quarter of FY 2026.

EXECUTION OF MASTER SERVICE AGREEMENTS WITH COMMERCIAL COMMUNICATION SITE PROVIDERS: (CoMIRS Strategic Plan Roadmap Major Activity 6.2.10, "Build, lease, or upgrade radio sites")

The communication sites that are planned for the CoMIRS+P25 system include a combination of Commonwealth agency owned sites, county or municipality owned sites, and commercial or privately-owned sites. For Phase 1A of the CoMIRS+P25 system implementation, many of the planned sites are already subject to a formal lease. The approach for communications sites with existing leases focuses on amending existing leases under the existing agreements with the site owner.

For Phase 1B+ of the CoMIRS+P25 system implementation, several new commercial sites are planned. For these new sites, the CoMIRS PMO led efforts to create a new department contract for leasing

commercial tower space. This department contract may be used by the EOTSS or MSP. The Land Mobile and Microwave Radio Communication Equipment Site and Tower Installation Rights Procurement (COMMBUYS Bid# BD-22-1060-ITD00-ITD00-70921) was structured to have two parts. Part 1 established a list of pre-approved communications sites vendors. Part 2 solicited bids for the use of communications sites within twenty-seven specific geographic areas. Awards under Part 1 or Part 2 are posted to COMMBUYS.

To date, five apparent successful awards have been announced, and master service agreements have been executed with American Tower LLC, Crown Castle USA Inc., and Industrial Tower & Wireless LLC. These master agreements will facilitate the execution of site-specific agreements that will form the CoMIRS+P25 network constellation. The CoMIRS PMO is authorized to enter into lease negotiations for sites procured through this RFR with companies that have executed a master service agreement under this contract. Master service agreements with additional bidders and lease negotiations at several sites are ongoing.

REVIEW, ANALYZE, AUTHORIZE AND PROCESS THE PURCHASE OF REPLACEMENT SUBSCRIBER UNITS FOR OPERABLE USERS OF THE CoMIRS NETWORK:

(CoMIRS Strategic Plan Roadmap Major Activity 6.2.7, “Acquire TDMA Digital Radios for Current [Network] Users”)

During the 4th Quarter of FY 2025, the CoMIRS PMO began the process to “upgrade” approved subscriber units that are digital radio system capable but lack one or more licenses or features that are required to properly operate on the CoMIRS+P25 system. The new CoMIRS+P25 system will operate on a digital standard called P25 Phase 2 (or “TDMA”) and utilize Radio Authentication to uniquely identify radios on the system and prevent access to unauthorized radios. Once the new system is available, agencies will need radios that work on P25 Phase 2 and have Radio Authentication to use the new CoMIRS+P25 system.

In addition to the basic features that allow radios to operate on the current CoMIRS system, any digital-capable radio planned for continued use on the new system needs the following features:

- Project 25 Digital Trunking Systems (Phase 1 and Phase 2)
- Project 25 Data Services
- Project 25 Radio Authentication
- Project 25 AES 256-bit encryption with multikey and over-the-air rekeying (if planning to use encrypted talkgroups)

These features have been part of the recommended radio specification issued by the Massachusetts State Police for the past five years and have been grant requirements for most Commonwealth grant opportunities over the past several years. Many radios purchased before 2020, though, do not have all the entitlements needed for the new system.

Motorola Solutions has ended upgrades to several series of radios currently in use in the Commonwealth, including:

- APX 6000 AN Portable - Model # starts with H98 and ends with AN - Serial # starts with 481
- APX 7000 Portable - Model # starts with H97 - Serial # starts with 655
- APX 7500 Mobile - Model # starts with M30 - Serial # starts with 656
- APX 7500 Console - Model # starts with L30 - Serial # starts with 761

New features cannot be purchased directly from Motorola Solutions for these radios. Additionally, Motorola factory support is ending September 30, 2025, for two other Motorola radio models. Any new features for radios of these models will need to be ordered prior to the end of September:

- APX 4500 Mobile - Model # starts with M22 and ends with AN - Serial # starts with 471
- APX 6500 Mobile - Model # starts with M25 and ends with AN - Serial # starts with 527

The CoMIRS PMO negotiated a program where the CoMIRS PMO can coordinate with Motorola Solutions to identify which new features are needed for existing radios and to purchase these features, including models otherwise unavailable for upgrade. Motorola Solutions had indicated that certain older Motorola radio models may only be upgraded through June 2025. The CoMIRS PMO worked with Motorola Solutions to extend that upgrade by date to August 31, 2025.

Radio upgrades previously approved by the CoMIRS PMO under the CoMIRS Radio Upgrade Program (RUP) will be a project expense and are included in the existing CoMIRS project budget, under object code U10. Radio upgrades not covered by the CoMIRS Radio Upgrade Program are the financial responsibility of the requesting agency. The CoMIRS PMO will coordinate obtaining these features and will charge back any costs to the agency responsible. Radios purchased under this agreement with Motorola Solutions, whether RUP-approved or agency-paid, are eligible for the CoMIRS PMO negotiated 35% bulk discount, which is contingent based on the volume of the program.

The installation of these additional features will be a logistical challenge as each radio must be individually examined to determine what specific features the radio needs. Once the radio has been examined and payment has been approved, the necessary feature sets will be installed. The PMO has allocated project funds to complete the upgrade initiative and will report further on this initiative as it proceeds.

In the 4th Quarter of FY 2025, four orders were placed with Motorola Solutions to upgrade radios currently in use on the CoMIRS system and planned for continued use on the CoMIRS+P25 system. In total, 1993 radios will receive upgrades under these four orders. 5,688 features will be added to these radios at a total cost of \$1,774,237.74. The Barnstable Fire Department is responsible for payment of Order No. 25-01. The Department of Conservation and Recreation is responsible for payment of Order No. 25-02.

Order No.	Recipient	Radios (Features)	Billed To	List Price Total	Discounted Total
25-01 Other (Barnstable Fire)	Barnstable Fire Department	43 (87)	Barnstable FD (SCF)	\$18,249.00	\$11,861.85
25-02 Other DCR	Dept of Conservation and Recreation	170 (178)	DCR (BAR)	\$23,362.00	\$15,185.30
25-03 CoMIRS MSP	Dept of State Police	374 (1271)	CoMIRS Project	\$620,517.50	\$403,336.39
25-04 CoMIRS MSP	Dept of State Police	1401 (4152)	CoMIRS Project	\$2,067,468.00	\$1,343,854.20
		1993 (5688)		\$2,729,596.50	\$1,774,237.74

Additional orders are expected in the 1st Quarter of FY 2026.

THE PMO CONTINUES TO MEET WITH CoMIRS STAKEHOLDERS AS A MEANS TO KEEP THEM INFORMED OF THE PROJECT'S PROGRESS AND IMPLEMENTATION SCHEDULES AND TO NEGOTIATE AGREEMENTS FOR THE NEW DIGITAL SYSTEM:

In support of the activities needed to upgrade the thousands of radios currently in operation on the current CoMIRS system for use on the new CoMIRS+P25 system, a formal notification was drafted and sent via multiple channels to existing user agency contacts, including agency leadership, administrative staff, and technical staff. Included among those notified of the need to upgrade radios for the new system were:

- Fire Chiefs Association of Massachusetts
- Massachusetts Chiefs of Police Association
- State 911 and all Public Safety Answering Points (PSAPs)
- Massachusetts Communications Supervisors Association
- Statewide Interoperability Executive Committee (SIEC) members, including all five regional homeland security representatives and coordinators with independent distribution lists for their respective regions
- Massachusetts State Communications Unit (COMU) member distribution lists, including communications and interoperability contacts for areas throughout the Commonwealth
- MEMA's Emergency Support Function #2 (ESF-02, Communications) statewide distribution list
- Technical and administrative contacts maintained by CoMIRS
- Communications shops responsible for radio programming

This notification, which is available on mass.gov/comirs, was distributed in April 2025. The notification explains the features needed to operate on the CoMIRS+P25 system and provides guidance on how to obtain upgrades for existing radios. Additional follow-up has been made with individual agencies, supporting their efforts to prepare their fleets of radios for the new digital system.

The CoMIRS PMO continues to coordinate with the Franklin Regional Council of Governments (FRCOG) on radio transition planning, discussing communication needs at the Greenfield Community College, and identifying problem areas for radio coverage.

The Commonwealth and the City of Boston were unable to reach a shared infrastructure agreement that would have joined the CoMIRS+P25 system with the new Boston P25 system. The CoMIRS PMO recommended a single system with multiple administrators but was unable to obtain the approval of the City of Boston for this approach. As a result, the CoMIRS PMO is pursuing a backup plan for pervasive, reliable coverage throughout the Boston metropolitan area. Coordination with the Boston Police Department is ongoing to support planned and unplanned events. A future interface between the two systems (called an "Inter-RF Subsystem Interface" or "ISSI") may be needed but is not currently funded. Outreach to public safety agencies in the Boston metropolitan region is ongoing.

The CoMIRS PMO continues to work with the City of Worcester and the Town of Shrewsbury on a shared infrastructure agreement for the integration of the five-site Worcester-Shrewsbury system with the CoMIRS+P25 system. Redline to a draft agreement has been received by the CoMIRS PMO, and follow-up with the City of Worcester and the Town of Shrewsbury is planned for the 1st Quarter of FY 2026.

Building on the four-party memorandum of agreement executed amongst the Department of Conservation and Recreation (DCR), the Massachusetts State Police (MSP), the Executive Office of Public Safety and Security (EOPSS), and the Executive Office of Technology Services and Security (EOTSS), the CoMIRS PMO continued to work with DCR to plan needed improvements to multiple DCR-owned sites, including communications sites in Princeton, Chelmsford, Canton, Harvard, Mendon, and Sandwich. Significant investments are needed for the sites in Princeton and Chelmsford, and the CoMIRS PMO and the State Police have been working closely with DCR on approach and needed reviews and approvals.

The CoMIRS PMO continues to serve in a coordinating role for the CoMIRS project and system, facilitating and responding to numerous information and usage requests from agencies throughout the Commonwealth.

Project oversight meetings are held bi-weekly and include representatives of EOTSS, EOPSS, MSP, and State 911.

PARTICIPATION IN ANNUAL DTC REVIEW OF STATE 911 FUNDING PETITION:

On May 20, 2025, the Secretary of Technology Services and Security Jason Snyder, the EOTSS Assistant Secretary Matthew Moran, and CoMIRS Program Manager Scott Bailey participated and testified in the Department of Telecommunication and Cable's review of petition DTC 25-2 "Petition of the State 911 Department for Approval of Fiscal Year 2025 Expenditures, and Approval of Fiscal Year 2026 Development Grant Amount." Testimony and filings included expenditures and accomplishments to date and the proposed FY26 project budget. The DTC approved the petition under Order 25-2 dated June 12, 2025.

MONITORING AND AUDITING OF THE PROJECT BUDGET AND EXPENDITURES:

During 4th Quarter of Fiscal Year 2025, the CoMIRS PMO, the Director of Finance for the State 911 Department, and the Director of Finance for EOTSS collectively and individually monitored the program's expenditures. Authorized expenditures paid during the 4th Quarter of FY 2025 are listed below. The reported expenditures are limited to those made between April 1, 2025, and June 30, 2025. All stated expenditures were paid from the Enhanced 911 Trust account. A full and complete financial report for all Fiscal Year 2025 transactions will be included in the Fiscal Year 2025 Annual Report.

CoMIRS Expenditures -- FY 2025, 4th Quarter	
MMARS Object Code / Recipient	Sum of Amounts
E16 Administrative Expenses	\$ 2,983.11
Indirect Cost Recoupment	\$ 2,983.11
E19 FEES, FINES, LICENSES, PERMITS & CHARGEBACKS	\$ 2,250.00
SBA SITE MANAGEMENT, LLC	\$ 2,250.00
U05 IT Temporary Staff Augmentation Professionals	\$ 28,863.42
MCINNIS CONSULTING SERVICES	\$ 28,863.42
U07 Information Technology (IT) Equipment Purchases	\$ 1,117,744.56
MOTOROLA SOLUTIONS, INC	\$ 1,117,744.56
U11 Information Technology (IT) Contract Services	\$ 182,740.76
MISSION CRITICAL PARTNERS LLC	\$ 99,208.01
SWBAILEY CONSULTING LLC	\$ 83,532.75
Grand Total	\$ 1,334,581.85

In the event there are any questions or if clarification concerning any aspect of this report would be helpful, the CoMIRS PMO would be pleased to assist. Inquiries may be directed to Assistant Secretary Matthew Moran at 617.626.4400 or email at Matthew.E.Moran@mass.gov.

Respectfully,

A handwritten signature in blue ink that reads "Matthew Moran". The signature is fluid and cursive, with the first name and last name clearly distinguishable.

Matthew Moran
Assistant Secretary of Technology Services and Security
Chief Engagement Officer