U.S. Department of Veterans Affairs

PROJECT # 508-22-104

Upgrade PACS

Atlanta VA Health Care System
Joseph Maxwell Cleland Atlanta VAMC, Fort McPherson VA Clinic, Trinka-Davis Veterans Village

PROJECT MANUAL

CONSTRUCTION DOCUMENTS

REVISION 1
April 6, 2026

PREPARED BY

FFE | HEAPY

Site: Atlanta VAMC, Project No. 508-22-104
Project Title: Upgrade PACS

CONSTRUCTION DOCUMENTS PROJECT MANUAL

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OWNER'S PROJECT REQUIREMENTS

OWNER AND USER REQUIREMENTS

Pertinent Project History

Atlanta VA Health Care System (AVAHCS) intends to upgrade the Security Control Center (SCC), Physical Access Control System (PACS), and/or Intrusion Detection System (IDS) at three campuses in the Atlanta area: Joseph Maxwell Cleland Atlanta VAMC (main hospital), Fort McPherson VA Clinic (an outpatient clinic and residential facility), and Trinka-Davis Veterans Village (also an outpatient clinic and residential facility).

These facilities have existing intrusion detection and access control systems which are in in various states of functionality. In addition, the Police Dispatch Center at the main hospital needs upgrading and expansion to accommodate the requirements of the VAMC Police operations.

The current system is comprised of 22 IDS panels (Honeywell Vista alarm panels) reporting to a single PC. The site PC is failing, leaving owners without a system status. It is recommended to replace all 22 IDS panels including PC (virtual receiver) and integrate with other electronic security systems (ESSs).

Only one of the five UPS systems in the Police Dispatch Center is operational. A new UPS was installed on July 11, 2022.

As-built drawings for the network topology and cable layout are not available.

Media access control addresses (MACs) on the IT Department allowed lists are not functioning.

Primary Purpose, Program, and Use of Project

The primary purpose of this project is to prepare construction bid documents (plans and specifications) to upgrade and integrate AVAHCS-owned facilities' Security Control Center and PACS to meet the 2016 VA Value Management Study's physical security recommendations in accordance with the VA Secretary's Physical Security Strategies for VA Facilities.

The project will include, but is not limited to, renovation of existing SCC spaces, upgrading ESS servers, Network Storage Devices, monitors, card readers, sensors, low-voltage wire/cabling/fiber, UPS, software, door hardware, conduit, and Electronic Security Systems Commissioning (PACS) as required and hazardous material abatement.

DESIGN NARRATIVE (BASIS OF DESIGN)

JOSEPH MAXWELL CLELAND ATLANTA VAMC - 1670 Clairmont Rd, Decatur, GA

ARCHITECTURAL

Project Scope:

The architectural scope is focused on a small interior remodel of a Police Dispatch Center room, combining two rooms into a single larger space. This remodel will involve removing two non-load-bearing interior partitions, a door, acoustical ceiling, and selected floor finishes. The perimeter walls of the Police Dispatch Center will be unchanged.

A new acoustical ceiling will be installed at the same height to avoid interference with existing MEP/FP systems above the ceiling. The remodel will also include new wall paint and baseboards to match the current finishes, along with the installation of a new antistatic flooring system. One of the partitions being removed intersects with a smoke barrier wall, and work will be done to ensure the integrity of the barrier is maintained. The remodel is designed to be minimal and contained, with little disruption.

Accessible Barrier Free Design:

The new interior remodel will comply with all accessible requirements outlined within the code.

Applicable Codes & Standards

- NFPA 13, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, 2022
- NFPA 101 LIFE SAFETY CODE 2021
- NFPA 220 STANDARD ON TYPES OF BUILDING CONSTRUCTION
- OCCUPATIONAL, SAFETY, AND HEALTH ADMINISTRATION (OSHA) STANDARDS
- NFPA 70, NATIONAL ELECTRIC CODE; 2023
- NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE; 2022
- INTERNATIONAL PLUMBING CODE; 2021
- ASHRAE 90.1, ENERGY STANDARD; 2013 AND 2016
- ASME CODE FOR PRESSURE PIPING
- ARCHITECTURAL BARRIERS ACT ACCESSIBILITY STANDARDS (ABAAS) INCLUDING VA SUPPLEMENT, BARRIER FREE DESIGN GUIDE (PG-18-13), AMERICAN DISABILITY ACT 2010
- VA SUSTAINABLE DESIGN MANUAL
- PHYSICAL SECURITY RESILIENCY DESIGN MANUAL 2020 (REVISED 2023)
- VA SEISMIC DESIGN REQUIREMENT
- VA HVAC DESIGN MANUAL (REVISED 2022)
- VA FIRE PROTECTION DESIGN MANUAL, 9TH EDITION, NOVEMBER, 2023

FIRE SUPPRESSION

Sprinkler head locations will be revised to accommodate the new room layout in the dispatch area.

MECHANICAL

1. HVAC scope for this project consists of fitting a heat pump split DX unit to provide year-round cooling and backup heat for the new Police Center Dispatch room(s). The indoor unit will be mounted above ceiling and ducted to the space. The outdoor unit will be set on the second floor roof. The split unit has a rated capacity of 3.5-tons cooling, and was sized to offset CCTV equipment within the dispatch room. Counts and cutsheets for equipment within the dispatch room were provided by the VA. Additionally, the existing ground level central HVAC system will be modified to meet the new interior design, ventilation, and

partial mechanical conditioning needs. Modifications will include replacing a heating hot water reheat air terminal unit and fitting new diffuser(s), ducts, and thermostats within the space.

2. All HVAC systems will be controlled via a Direct Digital Control (DDC) Automatic Temperature Control (ATC) system. The DDC system will be an extension of the existing facility DDC system. The existing interphase will be updated to reflect the new layout, equipment, and associated new work. The added equipment will be fully monitored and controlled via the DDC system.
3. Ductwork will be constructed of galvanized sheet metal to SMACNA standards, based on the operating pressure of the ductwork. All ductwork will be seal class A. Fire dampers and smoke dampers with access doors will be installed in accordance with NFPA. Balancing dampers will be provided or relocated throughout the distribution system in accordance with ASHRAE Standard 111 recommendations and at the branch connection serving individual outlets. Supply air will be externally insulated. Air systems will be insulated to meet ASHRAE Standard 90.1 insulation thicknesses, or as required by the current VA Master Standards. Return air ductwork will be uninsulated.
4. Refrigerant piping will conform to ANSI B31.5 and ASTM B280. Refrigerant piping systems and components will be engineered, installed, tested, and placed in operation in accordance with ASME B31.5, latest edition. Piping systems will be insulated to meet ASHRAE Standard 90.1 insulation thicknesses or as required by the current VA Master Standards.
5. Equipment and piping located outside will be properly supported and compliant with wind restrain values for roof or on-grade mounting. Exterior routed refrigerant piping will be supported every 36 inches and weather-protected via insulated jacketing. All penetration through the building exterior as a result of constriction will be fully sealed; the existing façade will be repaired if disturbed.

ELECTRICAL

1. One dedicated 120V-20A circuit will be provided in each existing Technology Room (TR) where new equipment is to be installed. The circuit will be served from the closest critical branch panel with available space and capacity.
2. One new 60A-208Y/120V-3PH-18 pole panelboard will be provided in the new Police Center Dispatch Room. The panel will be served from the closest critical branch distribution board with space and capacity. The new panel will serve all new receptacles and data loads in the dispatch area.
3. One double duplex receptacle and data rough-in will be provided at each workstation in the dispatch area. One duplex receptacle and data rough-in will be provided at each wall mounted monitor location. One dedicated 208V power connection (per manufacturer requirements) will be provided at each freestanding rack location. All connections will be served from the new 60A-208Y/120V-3PH panel.
4. Two general purpose duplex receptacles will be provided in the dispatch area. The receptacles will be served with a new 120V-20A circuit from the closest normal branch panel with available space and capacity.
5. One new audible/visual fire alarm device will be provided in the dispatch area.
6. New LED lighting will be provided in the dispatch area. Lighting will be divided between normal and critical branch circuits. New dimming and occupancy sensor controls will be provided.
7. Power connection to new HVAC cooling equipment will be provided in the dispatch area. The equipment will be served from the new 60A-208Y/120V-3PH branch panel.
8. Power connection to door security will be provided. All required rough-ins will be provided.

PACS

1. The new/expanded system will be Software House CCURE 9000.

a. The scope includes new servers to be located in the Police Dispatch at the main hospital. The new PACS equipment will be connected to a new security network at the main hospital. The PACS at Trinka Davis and Ft. Mac will be connected to the main hospital via the existing Wide Area Network (WAN).

b. The scope includes complete system programming for all doors, door groups, and door schedules. VA is to provide programming of credentials and credential holders along with privileges.

c. Main Hospital

d. Existing Software House (SWH) panels installed in the Electrical Rooms and TRs will be reused. Existing panels consist of a panel tub, main controller, and one or two 8-door controllers. The scope includes "flashing" the existing controllers to the latest firmware. New Altronix AL400 power supplies with batteries will be provided to power the existing SWH panels.

e. The scope includes additional new controllers and 8-door controllers to be located in existing TRs as required to serve additional PACS doors identified in the PSRDM audit.

f. The existing and new SWH panels will be connected to the existing VA network in the existing TRs. SWH panels located in existing Electrical Rooms will be provided with new VA network data drops to the local existing TR.

g. All existing access control equipment at existing PACS doors (credential reader, door contact, REX alarm shunt motion detector, push to exit buttons, and cabling) will be replaced. New PACS doors to be provided with all new PACS equipment.

h. The existing PACS server in the Research area will be removed, and SWH panels will be transferred to the new security network to be served from the new Main PACS server. Re-program all readers in the Research area from the new PACS server.

CCTV

1. A new CCTV system will be provided by VA under a separate project.
2. Police Dispatch
   a. The existing Dispatch Room will be reconfigured to accommodate more video wall space. This work will include removing the small office space in the room and making repairs to the existing services. See Appendix B for the overall room layout.
   b. The project will include video monitors and mounting hardware. The CCTV equipment will be provided by the VA under a separate project.
3. Security Network
   a. A new Security network will be established by the VA under a separate project.

IDS

1. There is an existing Honeywell/Vista Intrusion Alarm System (IDS) consisting of 16 Honeywell Vista panels, and remote devices (door contacts, motion detectors and keypad entry stations) scattered throughout the main hospital. The system is connected to a PC in Dispatch running WinPak software.
2. The status of the current system is not operational. Due to the age of the system and the unreliability of the devices, the scope includes the complete replacement of the system
3. A new PSRDM-compliant IDS will be designed. The new system will include new IDS control panels to replace the existing, and new IDS devices (door contacts, motion detectors, and keypad stations) as

required in all spaces and at all doors identified in the PSRDM, APPENDIX B. The system will be network-based and new VA network drops will be provided at each IDS control panel.

4. The system will include direct software integration with Software House C-CURE 9000 so that the IDS can be monitored and managed by the PACS system.

FT. MCPHERSON VA CLINIC - 1701 Hardee Avenue, SW, Atlanta, GA

PACS

1. Existing PACS hardware in Electrical Rooms and TRs will be maintained.
2. All existing credential readers at existing PACS locations will be replaced.
3. System programming will be updated to support PIV II class cards. Programming in servers will be provided at the main hospital for all existing and new PACS doors and credential holders.

CCTV

Existing IP cameras and Avigilon servers are to remain.

TRINKA-DAVIS VETERANS VILLAGE - 180 Martin Dr, Carrollton, GA

PACS

1. Existing PACS hardware in Electrical Rooms and TRs will be maintained.
2. All existing credential readers at existing PACS locations will be replaced.
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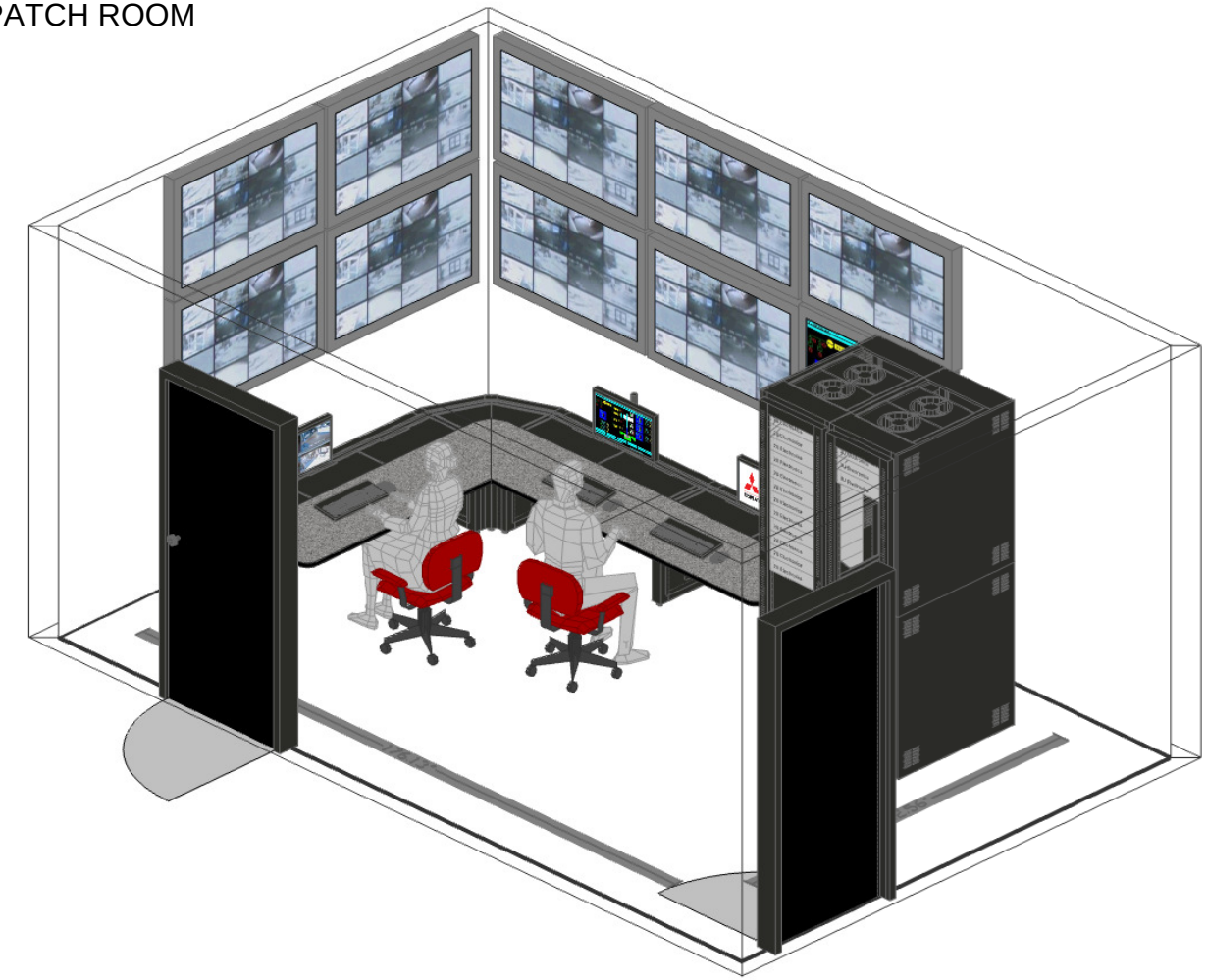
CCTV

Existing IP cameras and Avigilon servers are to remain.

Appendix B: New Dispatch Room

APPENDIX B POLICE DISPATCH ROOM

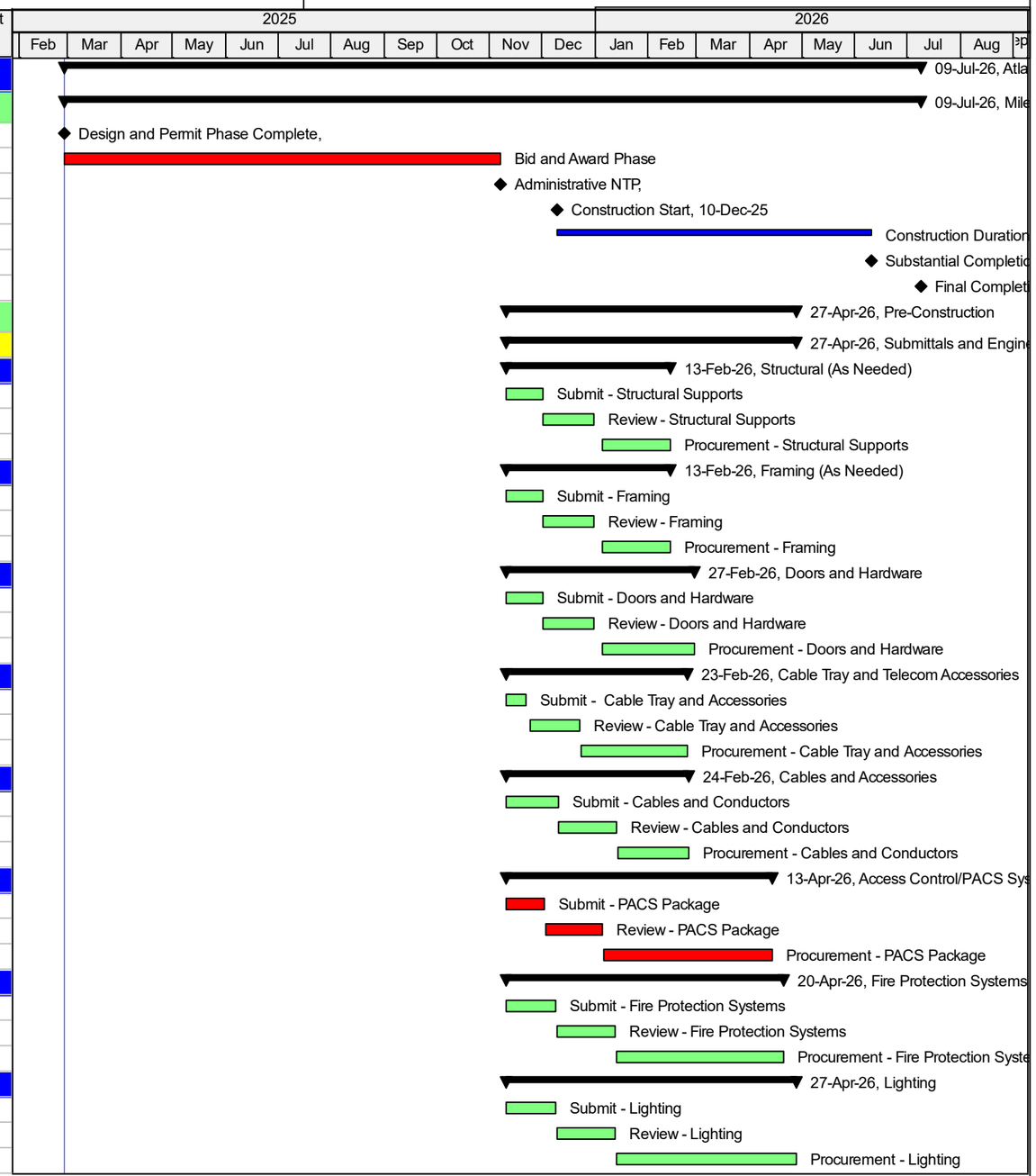


Width: 102.56" (260.51 cm) Depth: 176.13" (447.38 cm) Height: 84.88" (215.59 cm) Diagonal: 203.82" (517.70 cm)

Title:	**VA Atlanta - Police Dispatch**		**WELS 4.2.8**	**(C) 2003 Winsted Corporation**
Designer:	**JDK**		**Winsted Corporation** **10901 Hampshire Avenue South** **Minneapolis MN 55438 USA**	**Phone: (952) 944 - 9050** **FAX: (952) 944 - 1546** **email: info@winsted.com**
Date:	**9/17/2024**			

Appendix C: CPM Schedule

Activity ID	Activity Name	OD	Rem Dur	Activity % Complete	Start	Finish	Total Float
Atlanta VAMC CCTV and PACS System Upgrades (95% Des		356	356		27-Feb-25	09-Jul-26	0
Milestone		356	356		27-Feb-25	09-Jul-26	0
MILE-1720	Design and Permit Phase Complete	0	0	0%		27-Feb-25	0
MILE-1730	Bid and Award Phase	180	180	0%	27-Feb-25	07-Nov-25	0
MILE-1000	Administrative NTP	0	0	0%		07-Nov-25	0
MILE-1740	Construction Start	0	0	0%	10-Dec-25		44
MILE-1750	Construction Duration (Cal Days)	183	183	0%	10-Dec-25	10-Jun-26	0
MILE-1710	Substantial Completion	0	0	0%		10-Jun-26	0
MILE-1700	Final Completion	0	0	0%		09-Jul-26	0
Pre-Construction		115	115		10-Nov-25	27-Apr-26	6
Submittals and Engineering		115	115		10-Nov-25	27-Apr-26	6
Structural (As Needed)		64	64		10-Nov-25	13-Feb-26	49
SUB-1120	Submit - Structural Supports	14	14	0%	10-Nov-25	01-Dec-25	49
SUB-1130	Review - Structural Supports	20	20	0%	02-Dec-25	31-Dec-25	49
SUB-1140	Procurement - Structural Supports	30	30	0%	05-Jan-26	13-Feb-26	49
Framing (As Needed)		64	64		10-Nov-25	13-Feb-26	36
SUB-1150	Submit - Framing	14	14	0%	10-Nov-25	01-Dec-25	36
SUB-1160	Review - Framing	20	20	0%	02-Dec-25	31-Dec-25	36
SUB-1170	Procurement - Framing	30	30	0%	05-Jan-26	13-Feb-26	36
Doors and Hardware		74	74		10-Nov-25	27-Feb-26	42
SUB-1180	Submit - Doors and Hardware	14	14	0%	10-Nov-25	01-Dec-25	42
SUB-1190	Review - Doors and Hardware	20	20	0%	02-Dec-25	31-Dec-25	42
SUB-1200	Procurement - Doors and Hardware	40	40	0%	05-Jan-26	27-Feb-26	42
Cable Tray and Telecom Accessories		70	70		10-Nov-25	23-Feb-26	49
SUB-1040	Submit - Cable Tray and Accessories	10	10	0%	10-Nov-25	21-Nov-25	49
SUB-1050	Review - Cable Tray and Accessories	20	20	0%	24-Nov-25	23-Dec-25	49
SUB-1030	Procurement - Cable Tray and Accessories	40	40	0%	24-Dec-25	23-Feb-26	49
Cables and Accessories		71	71		10-Nov-25	24-Feb-26	7
SUB-1210	Submit - Cables and Conductors	21	21	0%	10-Nov-25	10-Dec-25	7
SUB-1220	Review - Cables and Conductors	20	20	0%	11-Dec-25	13-Jan-26	7
SUB-1230	Procurement - Cables and Conductors	30	30	0%	14-Jan-26	24-Feb-26	7
Access Control/PACS Systems		105	105		10-Nov-25	13-Apr-26	0
SUB-1270	Submit - PACS Package	15	15	0%	10-Nov-25	02-Dec-25	0
SUB-1280	Review - PACS Package	20	20	0%	03-Dec-25	05-Jan-26	0
SUB-1290	Procurement - PACS Package	70	70	0%	06-Jan-26	13-Apr-26	0
Fire Protection Systems		110	110		10-Nov-25	20-Apr-26	8
SUB-1090	Submit - Fire Protection Systems	20	20	0%	10-Nov-25	09-Dec-25	8
SUB-1100	Review - Fire Protection Systems	20	20	0%	10-Dec-25	12-Jan-26	8
SUB-1110	Procurement - Fire Protection Systems	70	70	0%	13-Jan-26	20-Apr-26	8
Lighting		115	115		10-Nov-25	27-Apr-26	2
SUB-1390	Submit - Lighting	20	20	0%	10-Nov-25	09-Dec-25	2
SUB-1400	Review - Lighting	20	20	0%	10-Dec-25	12-Jan-26	2
SUB-1410	Procurement - Lighting	75	75	0%	13-Jan-26	27-Apr-26	2



Actual Level of Effort
Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
summary

*All Activities by WBS
TASK filter: All Activities

U.S. Department of Veterans Affairs
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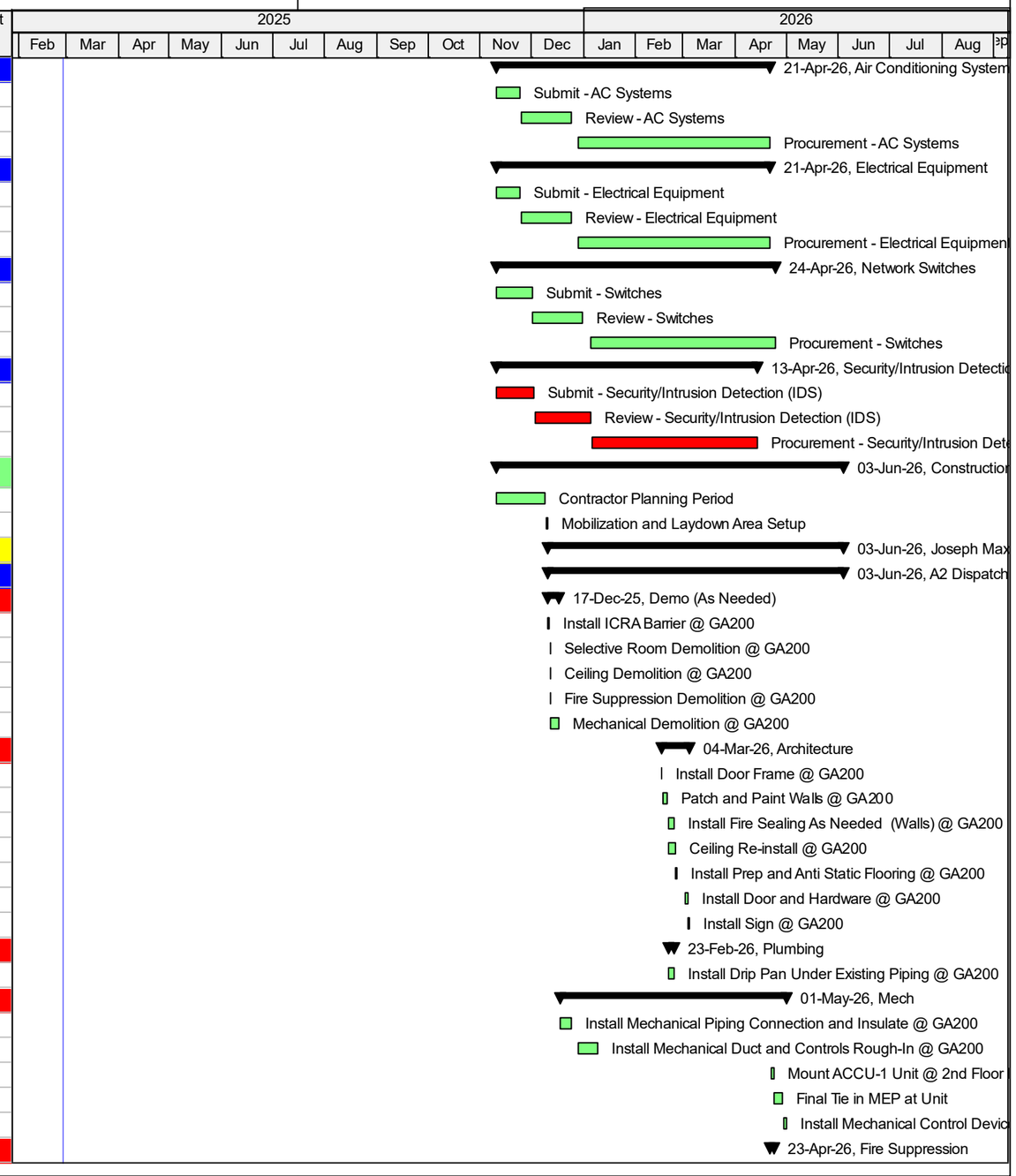
Activity ID	Activity Name	OD	Rem Dur	Activity % Complete	Start	Finish	Total Float
Air Conditioning Systems		111	111		10-Nov-25	21-Apr-26	2
SUB-1240	Submit - AC Systems	11	11	0%	10-Nov-25	24-Nov-25	2
SUB-1250	Review - AC Systems	20	20	0%	25-Nov-25	24-Dec-25	2
SUB-1260	Procurement - AC Systems	80	80	0%	29-Dec-25	21-Apr-26	2
Electrical Equipment		111	111		10-Nov-25	21-Apr-26	7
SUB-1360	Submit - Electrical Equipment	11	11	0%	10-Nov-25	24-Nov-25	7
SUB-1370	Review - Electrical Equipment	20	20	0%	25-Nov-25	24-Dec-25	7
SUB-1380	Procurement - Electrical Equipment	80	80	0%	29-Dec-25	21-Apr-26	7
Network Switches		114	114		10-Nov-25	24-Apr-26	7
SUB-1000	Submit - Switches	14	14	0%	10-Nov-25	01-Dec-25	7
SUB-1010	Review - Switches	20	20	0%	02-Dec-25	31-Dec-25	7
SUB-1020	Procurement - Switches	80	80	0%	05-Jan-26	24-Apr-26	7
Security/Intrusion Detection (IDS)		105	105		10-Nov-25	13-Apr-26	0
SUB-1060	Submit - Security/Intrusion Detection (IDS)	15	15	0%	10-Nov-25	02-Dec-25	0
SUB-1070	Review - Security/Intrusion Detection (IDS)	20	20	0%	03-Dec-25	05-Jan-26	0
SUB-1080	Procurement - Security/Intrusion Detection (IDS)	70	70	0%	06-Jan-26	13-Apr-26	0
Construction		141	141		10-Nov-25	03-Jun-26	5
MOB-1000	Contractor Planning Period	20	20	0%	10-Nov-25	09-Dec-25	44
MOB-1010	Mobilization and Laydown Area Setup	1	1	0%	10-Dec-25	10-Dec-25	46
Joseph Maxwell Cleland, Decatur		120	120		11-Dec-25	03-Jun-26	0
A2 Dispatch Area (GA200 and adjacent Space)		120	120		11-Dec-25	03-Jun-26	0
Demo (As Needed)		5	5		11-Dec-25	17-Dec-25	74
GA200-D-1000	Install ICRA Barrier @ GA200	1	1	0%	11-Dec-25	11-Dec-25	46
GA200-D-1010	Selective Room Demolition @ GA200	1	1	0%	12-Dec-25	12-Dec-25	46
GA200-D-1020	Ceiling Demolition @ GA200	1	1	0%	12-Dec-25	12-Dec-25	77
GA200-D-1030	Fire Suppression Demolition @ GA200	1	1	0%	12-Dec-25	12-Dec-25	77
GA200-D-1040	Mechanical Demolition @ GA200	4	4	0%	12-Dec-25	17-Dec-25	46
Architecture		13	13		16-Feb-26	04-Mar-26	44
GA200-A-1010	Install Door Frame @ GA200	1	1	0%	16-Feb-26	16-Feb-26	36
GA200-A-1020	Patch and Paint Walls @ GA200	3	3	0%	17-Feb-26	19-Feb-26	36
GA200-A-1040	Install Fire Sealing As Needed (Walls) @ GA200	2	2	0%	20-Feb-26	23-Feb-26	36
GA200-A-1090	Ceiling Re-install @ GA200	3	3	0%	20-Feb-26	24-Feb-26	46
GA200-A-1050	Install Prep and Anti Static Flooring @ GA200	2	2	0%	24-Feb-26	25-Feb-26	47
GA200-A-1030	Install Door and Hardware @ GA200	2	2	0%	02-Mar-26	03-Mar-26	42
GA200-A-1080	Install Sign @ GA200	1	1	0%	04-Mar-26	04-Mar-26	44
Plumbing		2	2		20-Feb-26	23-Feb-26	51
GA200-P-1000	Install Drip Pan Under Existing Piping @ GA200	2	2	0%	20-Feb-26	23-Feb-26	51
Mech		93	93		18-Dec-25	01-May-26	2
GA200-M-1020	Install Mechanical Piping Connection and Insulate @ GA200	5	5	0%	18-Dec-25	24-Dec-25	62
GA200-M-1010	Install Mechanical Duct and Controls Rough-In @ GA200	8	8	0%	29-Dec-25	09-Jan-26	62
GA200-M-1000	Mount ACCU-1 Unit @ 2nd Floor Roof GA200	2	2	0%	22-Apr-26	23-Apr-26	2
GA200-M-1040	Final Tie in MEP at Unit	3	3	0%	24-Apr-26	28-Apr-26	2
GA200-M-1030	Install Mechanical Control Devices, Wire and Program @ GA200	3	3	0%	29-Apr-26	01-May-26	2
Fire Suppression		3	3		21-Apr-26	23-Apr-26	8



Actual Level of Effort
Level of Effort
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Remaining Work
Critical Remaining Work
Milestone
summary

*All Activities by WBS
TASK filter: All Activities

U.S. Department of Veterans Affairs
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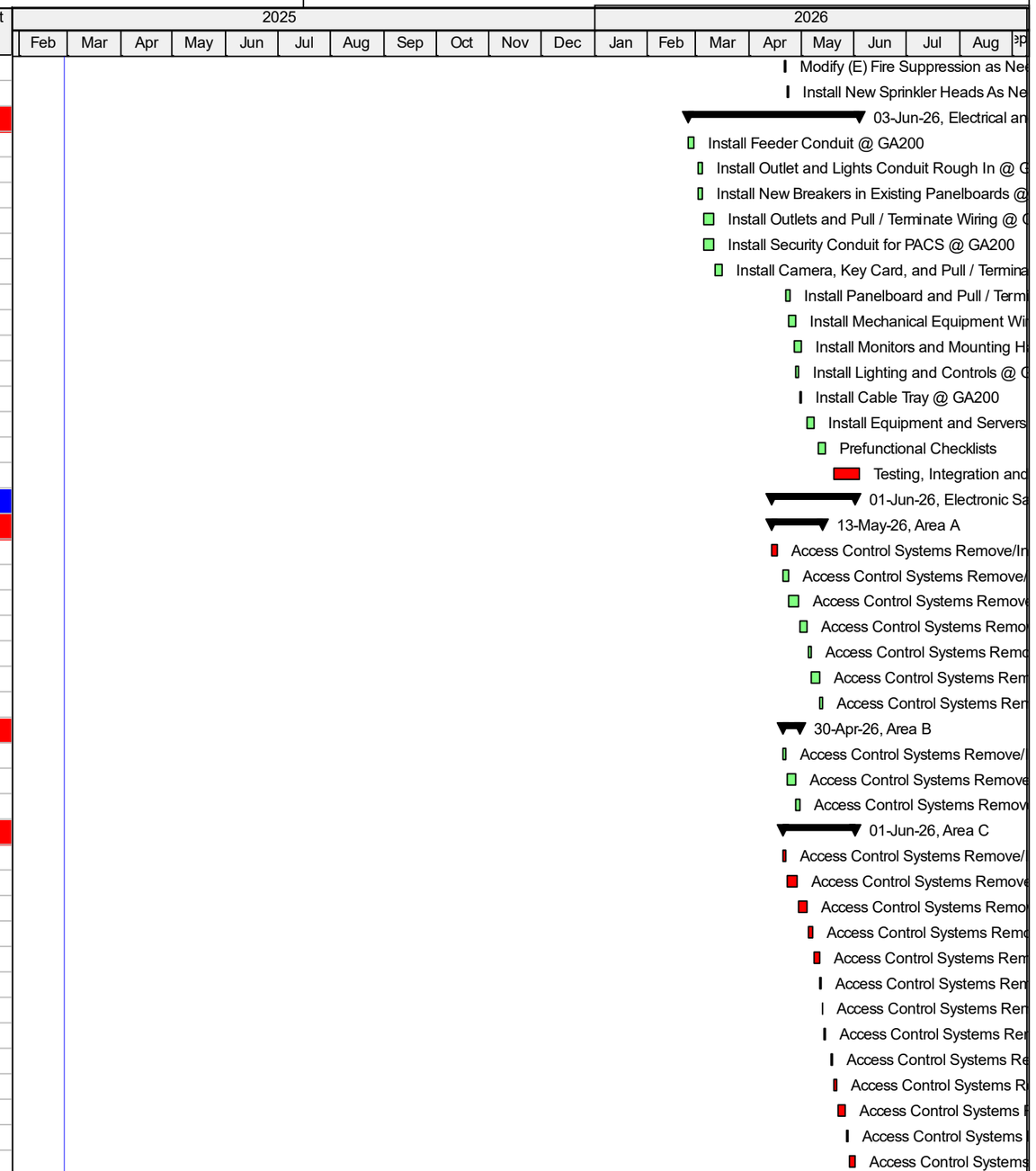
Activity ID	Activity Name	OD	Rem Dur	Activity % Complete	Start	Finish	Total Float
GA200-FS-1000	Modify (E) Fire Suppression as Needed @ GA200	2	2	0%	21-Apr-26	22-Apr-26	8
GA200-FS-1010	Install New Sprinkler Heads As Needed @ GA200	1	1	0%	23-Apr-26	23-Apr-26	8
Electrical and Security Systems		71	71		24-Feb-26	03-Jun-26	0
GA200-E-1000	Install Feeder Conduit @ GA200	4	4	0%	24-Feb-26	27-Feb-26	36
GA200-E-1010	Install Outlet and Lights Conduit Rough In @ GA200	3	3	0%	02-Mar-26	04-Mar-26	36
GA200-E-1120	Install New Breakers in Existing Panelboards @ GA200	3	3	0%	02-Mar-26	04-Mar-26	41
GA200-E-1030	Install Outlets and Pull / Terminate Wiring @ GA200	5	5	0%	05-Mar-26	11-Mar-26	39
GA200-E-1090	Install Security Conduit for PACS @ GA200	5	5	0%	05-Mar-26	11-Mar-26	36
GA200-E-1100	Install Camera, Key Card, and Pull / Terminate Wiring @ GA200	3	3	0%	12-Mar-26	16-Mar-26	36
GA200-E-1020	Install Panelboard and Pull / Terminate Feeder Wiring @ GA200	3	3	0%	22-Apr-26	24-Apr-26	7
GA200-E-1110	Install Mechanical Equipment Wiring @ GA200	2	2	0%	24-Apr-26	27-Apr-26	3
GA200-E-1080	Install Monitors and Mounting Hardware	5	5	0%	27-Apr-26	01-May-26	12
GA200-E-1040	Install Lighting and Controls @ GA200	2	2	0%	28-Apr-26	29-Apr-26	2
GA200-E-1050	Install Cable Tray @ GA200	2	2	0%	30-Apr-26	01-May-26	2
GA200-E-1060	Install Equipment and Servers PACS/IDS @ GA200	5	5	0%	04-May-26	08-May-26	2
GA200-E-1130	Prefunctional Checklists	5	5	0%	11-May-26	15-May-26	2
GA200-E-1070	Testing, Integration and Programming @ Dispatch Room	10	10	0%	20-May-26	03-Jun-26	0
Electronic Safety and Security All Areas/PACS		34	34		14-Apr-26	01-Jun-26	0
Area A		22	22		14-Apr-26	13-May-26	12
ESS-A-1010	Access Control Systems Remove/Install - Basement	4	4	0%	14-Apr-26	17-Apr-26	0
ESS-A-1020	Access Control Systems Remove/Install - Level 1	4	4	0%	20-Apr-26	23-Apr-26	12
ESS-A-1030	Access Control Systems Remove/Install - Level 2	4	4	0%	24-Apr-26	29-Apr-26	12
ESS-A-1040	Access Control Systems Remove/Install - Level 3	3	3	0%	30-Apr-26	04-May-26	12
ESS-A-1050	Access Control Systems Remove/Install - Level 4	2	2	0%	05-May-26	06-May-26	12
ESS-A-1060	Access Control Systems Remove/Install - Level 5	3	3	0%	07-May-26	11-May-26	12
ESS-A-1070	Access Control Systems Remove/Install - Level 6	2	2	0%	12-May-26	13-May-26	12
Area B		9	9		20-Apr-26	30-Apr-26	13
ESS-B-1010	Access Control Systems Remove/Install - Ground	3	3	0%	20-Apr-26	22-Apr-26	13
ESS-B-1020	Access Control Systems Remove/Install - Level 1	3	3	0%	23-Apr-26	27-Apr-26	13
ESS-B-1030	Access Control Systems Remove/Install - Level 2	3	3	0%	28-Apr-26	30-Apr-26	13
Area C		30	30		20-Apr-26	01-Jun-26	0
ESS-C-1010	Access Control Systems Remove/Install - Basement	3	3	0%	20-Apr-26	22-Apr-26	0
ESS-C-1020	Access Control Systems Remove/Install - Level 1	4	4	0%	23-Apr-26	28-Apr-26	0
ESS-C-1030	Access Control Systems Remove/Install - Level 2	4	4	0%	29-Apr-26	04-May-26	0
ESS-C-1040	Access Control Systems Remove/Install - Level 3	3	3	0%	05-May-26	07-May-26	0
ESS-C-1050	Access Control Systems Remove/Install - Level 4	2	2	0%	08-May-26	11-May-26	0
ESS-C-1060	Access Control Systems Remove/Install - Level 5 (NIC)	1	1	0%	12-May-26	12-May-26	0
ESS-C-1070	Access Control Systems Remove/Install - Level 6 (NIC)	1	1	0%	13-May-26	13-May-26	0
ESS-C-1080	Access Control Systems Remove/Install - Level 7	2	2	0%	14-May-26	15-May-26	0
ESS-C-1090	Access Control Systems Remove/Install - Level 8	2	2	0%	18-May-26	19-May-26	0
ESS-C-1100	Access Control Systems Remove/Install - Level 9	2	2	0%	20-May-26	21-May-26	0
ESS-C-1110	Access Control Systems Remove/Install - Level 10	2	2	0%	22-May-26	26-May-26	0
ESS-C-1120	Access Control Systems Remove/Install - Level 11	2	2	0%	27-May-26	28-May-26	0
ESS-C-1130	Access Control Systems Remove/Install - Level 12	2	2	0%	29-May-26	01-Jun-26	0

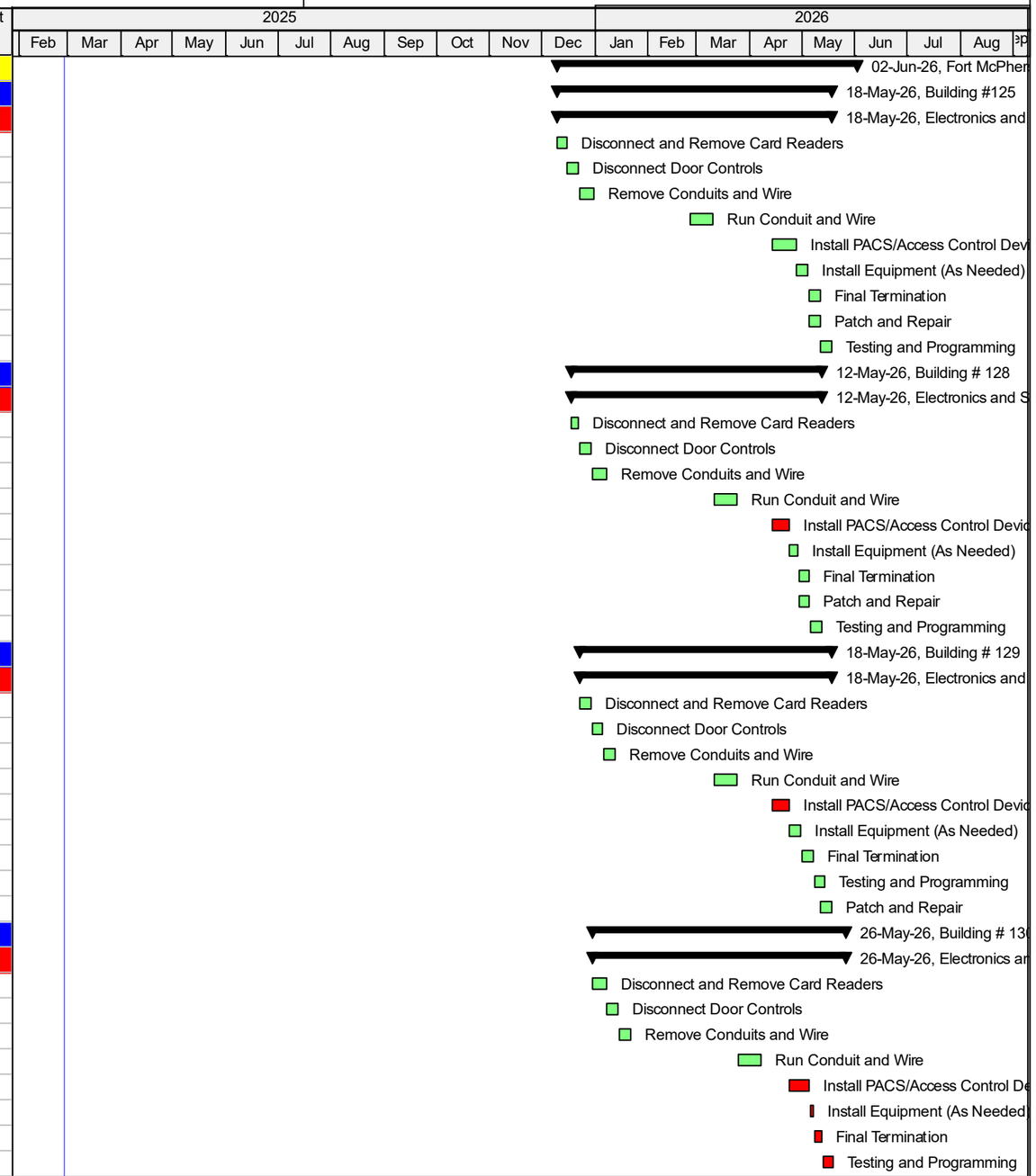


Actual Level of Effort
Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
summary

*All Activities by WBS
TASK filter: All Activities

U.S. Department of Veterans Affairs
RGD CONSULTING ENGINEERS
OCMI, Inc.

Activity ID	Activity Name	OD	Rem Dur	Activity % Complete	Start	Finish	Total Float
Fort McPherson, Atlanta		120	120		10-Dec-25	02-Jun-26	6
Building #125		110	110		10-Dec-25	18-May-26	1
Electronics and Security Systems		110	110		10-Dec-25	18-May-26	1
B125-1050	Disconnect and Remove Card Readers	4	4	0%	10-Dec-25	15-Dec-25	44
B125-1060	Disconnect Door Controls	5	5	0%	16-Dec-25	22-Dec-25	44
B125-1070	Remove Conduits and Wire	5	5	0%	23-Dec-25	31-Dec-25	44
B125-1030	Run Conduit and Wire	10	10	0%	25-Feb-26	10-Mar-26	7
B125-1040	Install PACS/Access Control Devices	10	10	0%	14-Apr-26	27-Apr-26	1
B125-1000	Install Equipment (As Needed)	5	5	0%	28-Apr-26	04-May-26	1
B125-1010	Final Termination	5	5	0%	05-May-26	11-May-26	1
B125-1080	Patch and Repair	5	5	0%	05-May-26	11-May-26	6
B125-1020	Testing and Programming	5	5	0%	12-May-26	18-May-26	1
Building # 128		100	100		18-Dec-25	12-May-26	20
Electronics and Security Systems		100	100		18-Dec-25	12-May-26	20
B128-1000	Disconnect and Remove Card Readers	3	3	0%	18-Dec-25	22-Dec-25	46
B128-1010	Disconnect Door Controls	3	3	0%	23-Dec-25	29-Dec-25	51
B128-1020	Remove Conduits and Wire	5	5	0%	30-Dec-25	07-Jan-26	51
B128-1030	Run Conduit and Wire	10	10	0%	11-Mar-26	24-Mar-26	7
B128-1040	Install PACS/Access Control Devices	8	8	0%	14-Apr-26	23-Apr-26	0
B128-1050	Install Equipment (As Needed)	3	3	0%	24-Apr-26	28-Apr-26	5
B128-1060	Final Termination	5	5	0%	29-Apr-26	05-May-26	5
B128-1080	Patch and Repair	5	5	0%	29-Apr-26	05-May-26	25
B128-1070	Testing and Programming	5	5	0%	06-May-26	12-May-26	5
Building # 129		101	101		23-Dec-25	18-May-26	6
Electronics and Security Systems		101	101		23-Dec-25	18-May-26	6
B129-1050	Disconnect and Remove Card Readers	3	3	0%	23-Dec-25	29-Dec-25	46
B129-1060	Disconnect Door Controls	3	3	0%	30-Dec-25	05-Jan-26	48
B129-1070	Remove Conduits and Wire	5	5	0%	06-Jan-26	12-Jan-26	48
B129-1030	Run Conduit and Wire	10	10	0%	11-Mar-26	24-Mar-26	7
B129-1040	Install PACS/Access Control Devices	8	8	0%	14-Apr-26	23-Apr-26	0
B129-1000	Install Equipment (As Needed)	5	5	0%	24-Apr-26	30-Apr-26	3
B129-1010	Final Termination	5	5	0%	01-May-26	07-May-26	3
B129-1020	Testing and Programming	5	5	0%	08-May-26	14-May-26	3
B129-1080	Patch and Repair	5	5	0%	12-May-26	18-May-26	6
Building # 130		103	103		30-Dec-25	26-May-26	6
Electronics and Security Systems		103	103		30-Dec-25	26-May-26	6
GA200-P-1000	Disconnect and Remove Card Readers	5	5	0%	30-Dec-25	07-Jan-26	46
B130-1060	Disconnect Door Controls	5	5	0%	08-Jan-26	14-Jan-26	51
B130-1070	Remove Conduits and Wire	5	5	0%	15-Jan-26	21-Jan-26	51
B130-1030	Run Conduit and Wire	10	10	0%	25-Mar-26	07-Apr-26	7
B130-1040	Install PACS/Access Control Devices	8	8	0%	24-Apr-26	05-May-26	0
B130-1000	Install Equipment (As Needed)	2	2	0%	06-May-26	07-May-26	0
B130-1010	Final Termination	3	3	0%	08-May-26	12-May-26	0
B130-1020	Testing and Programming	5	5	0%	13-May-26	19-May-26	0

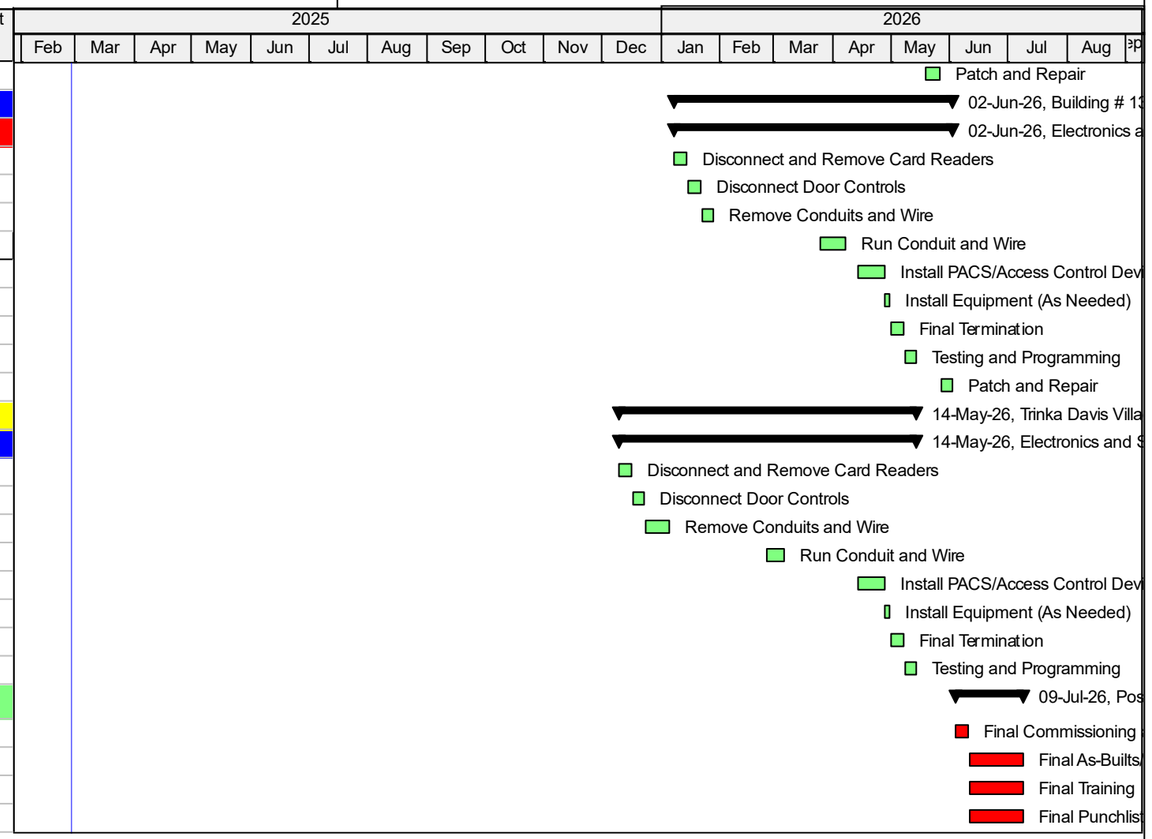


Actual Level of Effort
Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
summary

*All Activities by WBS
TASK filter: All Activities

U.S. Department of Veterans Affairs
RGD CONSULTING ENGINEERS
OCMI, Inc.

Activity ID	Activity Name	OD	Rem Dur	Activity % Complete	Start	Finish	Total Float
B130-1080	Patch and Repair	5	5	0%	19-May-26	26-May-26	6
Building # 131		103	103		08-Jan-26	02-Jun-26	6
Electronics and Security Systems		103	103		08-Jan-26	02-Jun-26	6
B131-1050	Disconnect and Remove Card Readers	5	5	0%	08-Jan-26	14-Jan-26	46
B131-1060	Disconnect Door Controls	5	5	0%	15-Jan-26	21-Jan-26	46
B131-1070	Remove Conduits and Wire	5	5	0%	22-Jan-26	28-Jan-26	46
B131-1030	Run Conduit and Wire	10	10	0%	25-Mar-26	07-Apr-26	
B131-1040	Install PACS/Access Control Devices	10	10	0%	14-Apr-26	27-Apr-26	3
B131-1000	Install Equipment (As Needed)	3	3	0%	28-Apr-26	30-Apr-26	3
B131-1010	Final Termination	5	5	0%	01-May-26	07-May-26	3
B131-1020	Testing and Programming	5	5	0%	08-May-26	14-May-26	3
B131-1080	Patch and Repair	5	5	0%	27-May-26	02-Jun-26	6
Trinka Davis Village, Carrollton		108	108		10-Dec-25	14-May-26	3
Electronics and Security Systems		108	108		10-Dec-25	14-May-26	3
508C-1050	Disconnect and Remove Card Readers	5	5	0%	10-Dec-25	16-Dec-25	65
508C-1060	Disconnect Door Controls	5	5	0%	17-Dec-25	23-Dec-25	65
508C-1070	Remove Conduits and Wire	5	5	0%	24-Dec-25	05-Jan-26	65
508C-1030	Run Conduit and Wire	8	8	0%	25-Feb-26	06-Mar-26	29
508C-1040	Install PACS/Access Control Devices	10	10	0%	14-Apr-26	27-Apr-26	3
508C-1000	Install Equipment (As Needed)	3	3	0%	28-Apr-26	30-Apr-26	3
508C-1010	Final Termination	5	5	0%	01-May-26	07-May-26	3
508C-1020	Testing and Programming	5	5	0%	08-May-26	14-May-26	3
Post Construction		26	26		04-Jun-26	09-Jul-26	0
POST-1020	Final Commissioning and Sign Off	5	5	0%	04-Jun-26	10-Jun-26	0
POST-1000	Final As-Builts/O&Ms	20	20	0%	11-Jun-26	09-Jul-26	0
POST-1010	Final Training	20	20	0%	11-Jun-26	09-Jul-26	0
POST-1030	Final Punchlist	20	20	0%	11-Jun-26	09-Jul-26	0



Actual Level of Effort
Level of Effort
Actual Work
Remaining Work
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Milestone
summary

*All Activities by WBS
TASK filter: All Activities

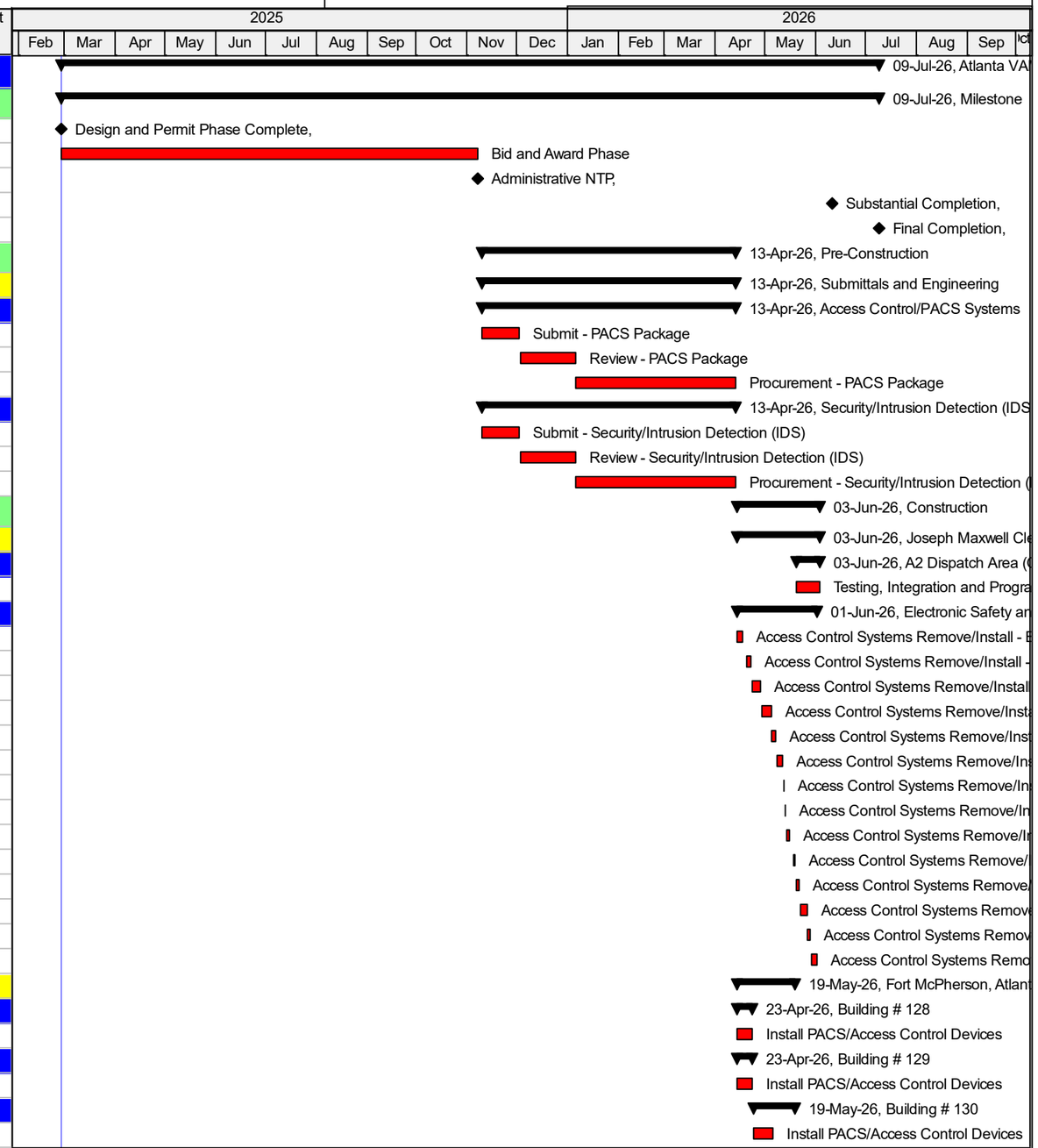
U.S. Department of Veterans Affairs
RGD CONSULTING ENGINEERS
OCMI, Inc.

Atlanta VAMC CCTV and PACS System Upgrades (95% Design)
Data Date: 27-Feb-25

*Critical Path
TASK filter: Longest Path.

Report Run Date: 26-Nov-24

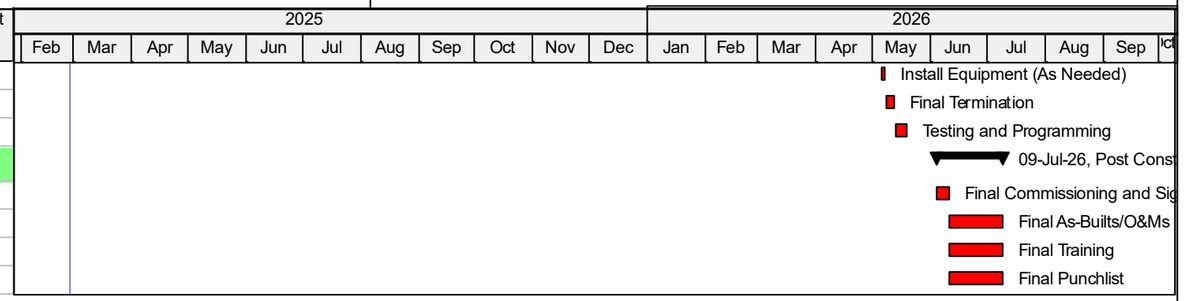
Activity ID	Activity Name	OD	Rem Dur	Activity % Complete	Start	Finish	Total Float
Atlanta VAMC CCTV and PACS System Upgrades (95		356	356		27-Feb-25	09-Jul-26	0
Milestone		356	356		27-Feb-25	09-Jul-26	0
MILE-1720	Design and Permit Phase Complete	0	0	0%		27-Feb-25	0
MILE-1730	Bid and Award Phase	180	180	0%	27-Feb-25	07-Nov-25	0
MILE-1000	Administrative NTP	0	0	0%		07-Nov-25	0
MILE-1710	Substantial Completion	0	0	0%		10-Jun-26	0
MILE-1700	Final Completion	0	0	0%		09-Jul-26	0
Pre-Construction		105	105		10-Nov-25	13-Apr-26	0
Submittals and Engineering		105	105		10-Nov-25	13-Apr-26	0
Access Control/PACS Systems		105	105		10-Nov-25	13-Apr-26	0
SUB-1270	Submit - PACS Package	15	15	0%	10-Nov-25	02-Dec-25	0
SUB-1280	Review - PACS Package	20	20	0%	03-Dec-25	05-Jan-26	0
SUB-1290	Procurement - PACS Package	70	70	0%	06-Jan-26	13-Apr-26	0
Security/Intrusion Detection (IDS)		105	105		10-Nov-25	13-Apr-26	0
SUB-1060	Submit - Security/Intrusion Detection (IDS)	15	15	0%	10-Nov-25	02-Dec-25	0
SUB-1070	Review - Security/Intrusion Detection (IDS)	20	20	0%	03-Dec-25	05-Jan-26	0
SUB-1080	Procurement - Security/Intrusion Detection (IDS)	70	70	0%	06-Jan-26	13-Apr-26	0
Construction		36	36		14-Apr-26	03-Jun-26	0
Joseph Maxwell Cleland, Decatur		36	36		14-Apr-26	03-Jun-26	0
A2 Dispatch Area (GA200 and adjacent Space)		10	10		20-May-26	03-Jun-26	0
GA200-E-1070	Testing, Integration and Programming @ Dispatch Roor	10	10	0%	20-May-26	03-Jun-26	0
Electronic Safety and Security All Areas/PACS		34	34		14-Apr-26	01-Jun-26	0
ESS-A-1010	Access Control Systems Remove/Install - Basement	4	4	0%	14-Apr-26	17-Apr-26	0
ESS-C-1010	Access Control Systems Remove/Install - Basement	3	3	0%	20-Apr-26	22-Apr-26	0
ESS-C-1020	Access Control Systems Remove/Install - Level 1	4	4	0%	23-Apr-26	28-Apr-26	0
ESS-C-1030	Access Control Systems Remove/Install - Level 2	4	4	0%	29-Apr-26	04-May-26	0
ESS-C-1040	Access Control Systems Remove/Install - Level 3	3	3	0%	05-May-26	07-May-26	0
ESS-C-1050	Access Control Systems Remove/Install - Level 4	2	2	0%	08-May-26	11-May-26	0
ESS-C-1060	Access Control Systems Remove/Install - Level 5 (NIC)	1	1	0%	12-May-26	12-May-26	0
ESS-C-1070	Access Control Systems Remove/Install - Level 6 (NIC)	1	1	0%	13-May-26	13-May-26	0
ESS-C-1080	Access Control Systems Remove/Install - Level 7	2	2	0%	14-May-26	15-May-26	0
ESS-C-1090	Access Control Systems Remove/Install - Level 8	2	2	0%	18-May-26	19-May-26	0
ESS-C-1100	Access Control Systems Remove/Install - Level 9	2	2	0%	20-May-26	21-May-26	0
ESS-C-1110	Access Control Systems Remove/Install - Level 10	2	2	0%	22-May-26	26-May-26	0
ESS-C-1120	Access Control Systems Remove/Install - Level 11	2	2	0%	27-May-26	28-May-26	0
ESS-C-1130	Access Control Systems Remove/Install - Level 12	2	2	0%	29-May-26	01-Jun-26	0
Fort McPherson, Atlanta		26	26		14-Apr-26	19-May-26	0
Building # 128		8	8		14-Apr-26	23-Apr-26	0
B128-1040	Install PACS/Access Control Devices	8	8	0%	14-Apr-26	23-Apr-26	0
Building # 129		8	8		14-Apr-26	23-Apr-26	0
B129-1040	Install PACS/Access Control Devices	8	8	0%	14-Apr-26	23-Apr-26	0
Building # 130		18	18		24-Apr-26	19-May-26	0
B130-1040	Install PACS/Access Control Devices	8	8	0%	24-Apr-26	05-May-26	0



Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
summary

OCMI, Inc.

Activity ID	Activity Name	OD	Rem Dur	Activity % Complete	Start	Finish	Total Float
B130-1000	Install Equipment (As Needed)	2	2	0%	06-May-26	07-May-26	0
B130-1010	Final Termination	3	3	0%	08-May-26	12-May-26	0
B130-1020	Testing and Programming	5	5	0%	13-May-26	19-May-26	0
Post Construction		26	26		04-Jun-26	09-Jul-26	0
POST-1020	Final Commissioning and Sign Off	5	5	0%	04-Jun-26	10-Jun-26	0
POST-1000	Final As-Builts/O&Ms	20	20	0%	11-Jun-26	09-Jul-26	0
POST-1010	Final Training	20	20	0%	11-Jun-26	09-Jul-26	0
POST-1030	Final Punchlist	20	20	0%	11-Jun-26	09-Jul-26	0



Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
summary

OCMI, Inc.

Department of Veterans Affairs
Atlanta VAMC PACS Upgrades
95% Design Schedule
Job No. 210957.000
26 November 2024

Department of Veterans Affairs
Atlanta VAMC PACS Upgrades

Atlanta, GA

Prepared by OCMI, Inc.

95% Design Schedule Narrative

21 November 2024

I. SCHEDULE

GENERAL PROJECT INFORMATION and ASSUMPTIONS

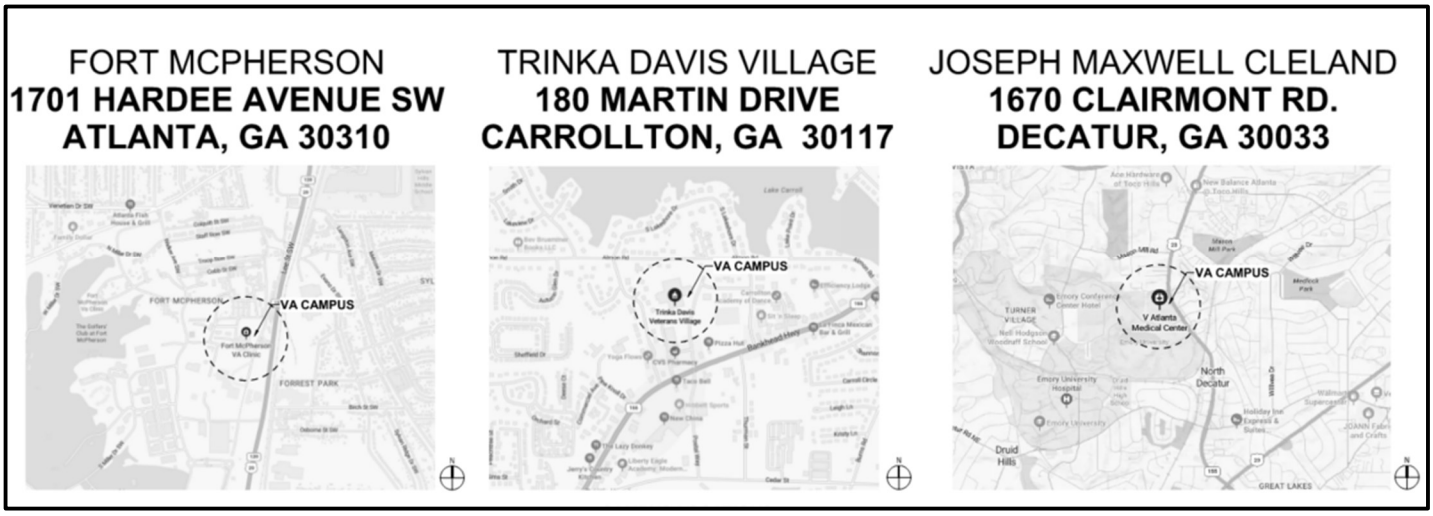
- This schedule is based on a Design-Bid-Build Delivery method.
- Schedule begins with the assumed Administrative Notice to Proceed Date of 11NOV2025 and Construction Start Date of 11DEC2025.
- The Construction only duration, which extends from the Construction Notice to Proceed to Substantial Completion, is approximately 6 months.
- The schedule is based upon 95% Design Construction Documents. The Design Narrative identifies the below key areas of work, which have been used to organize the Schedule Work Breakdown Structure.
    - Joseph Maxwell Cleland, Decatur (Building A, B, C)
    - Ft. McPherson, Atlanta (Building 125, 128, 129, 130, 131)
    - Trinka Davis Veterans Village, Carrolton (Building 508C)
- Given the shorter time frame of the project, early Submittals and early Procurement are being assumed (Using an administrative NTP) to avoid delays during construction. The schedule assumes a time frame of about 3 to 4 months for the procurement of long lead items including technology equipment and electrical equipment. Any significant challenges to the procurement of these long-lead items due to any supply chain challenges will have to be accounted for in a separate risk assessment. If an early NTP is not possible to start procurement the time will have to be adjusted in the construction time frame through a separate study.
- The following items are excluded from the schedule detail:
    - Special permits if any that may be required are assumed to be complete prior to the 10NOV2025 finish date as identified in Activity MILE-1000.
    - Regular Construction Inspections other than key inspections before turnover.
    - Furniture, Fixtures & Equipment, except as indicated.
    - Installation of Owner Furnished Equipment.
    - Hazardous Material Abatement / Removal.
- The buildings will remain in operation during the Switchover of Security Systems from the Old to the New equipment.
- The Dispatch Room work includes architectural work for reconfiguration and repairs to existing services and upgrades to the electronic security system.
- Scope includes new servers located in the Police Dispatch at the main hospital. The new PACS equipment will be connected to a new security network at the main hospital. The PACS at Trinka Davis and Ft. Mac will be connected to the Main Hospital via the existing Wide Area Network (WAN)
- As this is a design schedule, a window of time has been allocated on a Level-by-Level basis and by Building. In addition, an overall cutover time has been allowed at the end of the project schedule to simplify the representation of the time needed for the programming. During Construction, specific timelines by room will be determined by the Contractor after coordination with the VA.
- According to the schedule it is assumed Building 1 is the longest duration scope and will be driving the critical path. The other buildings are scheduled sequentially, while smaller buildings will happen concurrently, and all of them are scheduled to be completed within the 6-month timeframe.
- Contractor to create detailed phasing plan by floor based on coordination with the VA. The phasing should include the advance notice to be provided to the floor manager and IT department for the work.
- Construction durations are based on a 5 Day Work Week calendar with no Weekend work scheduled to allow the Medical Center's continued operation.

95% Design Schedule Narrative

21 November 2024

PROJECT LOCATION

The proposed project is located in Georgia and the locations are shown below.



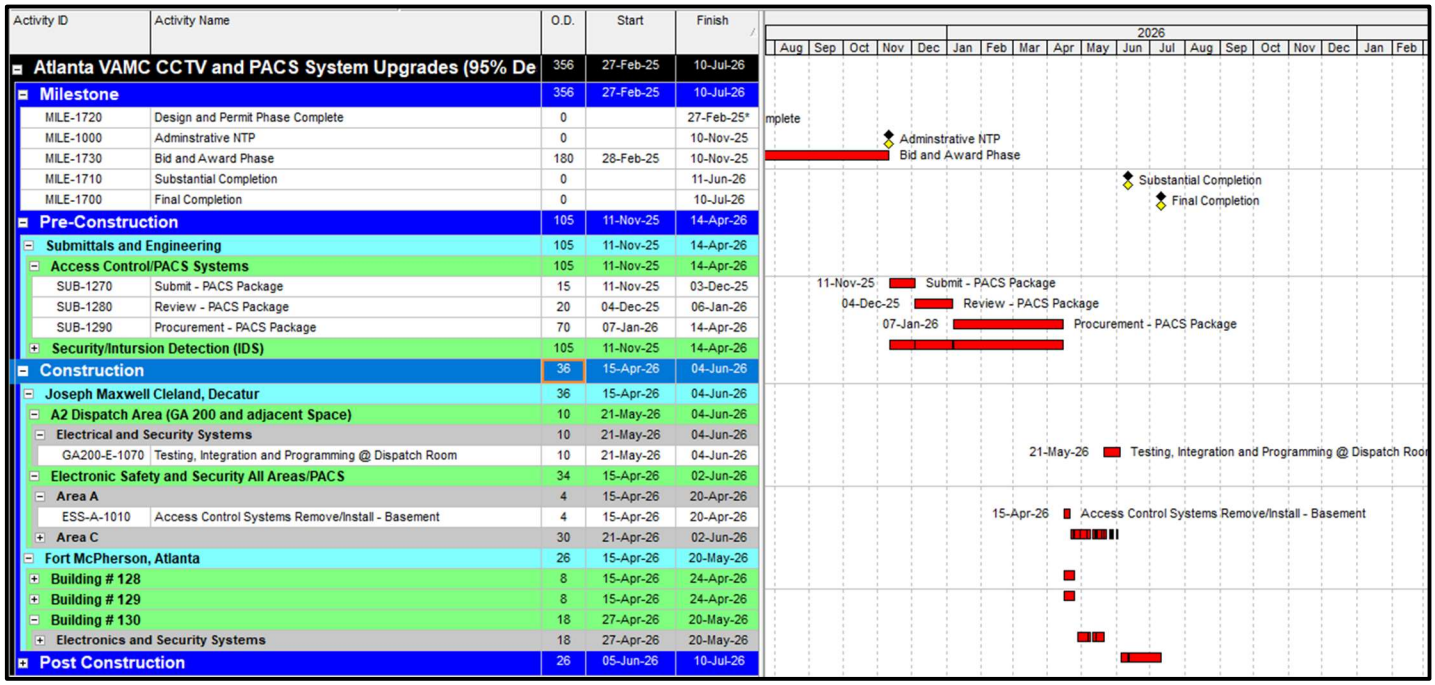
SCHEDULE

The overall project duration is about 6 months. The following are key Project Milestones:

Activity ID	Activity Name	O.D.	Start	Finish
Atlanta VAMC CCTV and PACS System Upgrades (95		762	03-Aug-23	10-Jul-26
Milestone		356	27-Feb-25	10-Jul-26
MILE-1720	Design and Permit Phase Complete	0		27-Feb-25*
MILE-1730	Bid and Award Phase	180	28-Feb-25	10-Nov-25
MILE-1000	Adminstrative NTP	0		10-Nov-25
MILE-1740	Construction Start	0	11-Dec-25	
MILE-1750	Construction Duration (Cal Days)	183	11-Dec-25	11-Jun-26
MILE-1710	Substantial Completion	0		11-Jun-26
MILE-1700	Final Completion	0		10-Jul-26

LONGEST PATH SEQUENCE

The construction Longest Path begins at Administrative NTP and then proceeds through the submittals, review and procurement of the PACS Equipment Package. It then follows the access control devices and cabling at Building 128 through Building 130. This is followed by the termination, testing and programming. The path that goes through the access control installation at Building 1 – Area C is also equally critical. This area converges into the testing, integration and programming at the Dispatch Room. The Path then flows through commissioning and Substantial Completion (11JUN2026); followed by Post Construction (Closeout) activities and Final Completion on 10JUL2026. See a snapshot of the longest path below.



Activity ID	Activity Name	O.D.	Start	Finish
Atlanta VAMC CCTV and PACS System Upgrades (95% De		356	27-Feb-25	10-Jul-26
Milestone		356	27-Feb-25	10-Jul-26
MILE-1720	Design and Permit Phase Complete	0		27-Feb-25*
MILE-1000	Adminstrative NTP	0		10-Nov-25
MILE-1730	Bid and Award Phase	180	28-Feb-25	10-Nov-25
MILE-1710	Substantial Completion	0		11-Jun-26
MILE-1700	Final Completion	0		10-Jul-26
Pre-Construction		105	11-Nov-25	14-Apr-26
Submittals and Engineering		105	11-Nov-25	14-Apr-26
Access Control/PACS Systems		105	11-Nov-25	14-Apr-26
SUB-1270	Submit - PACS Package	15	11-Nov-25	03-Dec-25
SUB-1280	Review - PACS Package	20	04-Dec-25	06-Jan-26
SUB-1290	Procurement - PACS Package	70	07-Jan-26	14-Apr-26
Security/Intursion Detection (IDS)		105	11-Nov-25	14-Apr-26
Construction		36	15-Apr-26	04-Jun-26
Joseph Maxwell Cleland, Decatur		36	15-Apr-26	04-Jun-26
A2 Dispatch Area (GA 200 and adjacent Space)		10	21-May-26	04-Jun-26
Electrical and Security Systems		10	21-May-26	04-Jun-26
GA200-E-1070	Testing, Integration and Programming @ Dispatch Room	10	21-May-26	04-Jun-26
Electronic Safety and Security All Areas/PACS		34	15-Apr-26	02-Jun-26
Area A		4	15-Apr-26	20-Apr-26
ESS-A-1010	Access Control Systems Remove/Install - Basement	4	15-Apr-26	20-Apr-26
Area C		30	21-Apr-26	02-Jun-26
Fort McPherson, Atlanta		26	15-Apr-26	20-May-26
Building # 128		8	15-Apr-26	24-Apr-26
Building # 129		8	15-Apr-26	24-Apr-26
Building # 130		18	27-Apr-26	20-May-26
Electronics and Security Systems		18	27-Apr-26	20-May-26
Post Construction		26	05-Jun-26	10-Jul-26