

REPORT TO CONGRESS

ON

**FY 2022 ANNUAL REPORT OF MILITARY CONSTRUCTION
AND MILITARY FAMILY HOUSING SCHEDULE DELAYS**



**Office of the Under Secretary of Defense for
Acquisition and Sustainment**

January 2023

The estimated cost of this report or study for the Department of Defense is approximately \$34,500 for the 2023 Fiscal Year. This includes \$500 in expenses and \$34,000 in DoD labor.

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Introduction

This report responds to section 2851(d) of title 10, U.S. Code that requires the Secretary of Defense to provide an annual report on military construction (MilCon) and military family housing projects for which the estimated completion date is more than one year later than the completion date proposed at the time the contract for a project was awarded. This report provides information on the 109 projects that fall into this category, as of the end of fiscal year (FY) 2022.

The Department of Defense (DoD) components reviewed the reasons for the schedule delays. Based on their input, analysis indicates that project delays were attributable to inadequate project oversight, poor initial planning, H2B visas, changing mission requirements, environmental mitigation efforts, weather, unforeseen conditions such as the COVID-19 pandemic, and contractor issues such as poor performance. Several projects were delayed for more than one reason. The top three contributors to project delays were unforeseen conditions (53 percent), poor initial planning (25 percent), and contractor issues (22 percent). COVID-19 was the major factor in unforeseen delays that continues to effect construction completion. Other unforeseen delays include environmental mitigation and supply chain/material shortages. Poor initial planning includes factors that could have been reasonably addressed before a delay occurred such as the need for utility connections, design errors, insufficient planning for government approvals, and further specification of customer requirements. Contractor issues includes poor performance.

The current estimated project completion dates are based on the primary construction contract and do not account for any pending changes associated with time. Several projects that are 99 percent complete appear in the report because of construction deficiencies that are being resolved. A list of the delayed MilCon projects follows.

Section 2851(d) of title 10 U.S. Code

FY2022 Annual Report of Construction and Military Family Housing Schedule Delays

NOTE: PROJECTS ARE SORTED CHRONOLOGICALLY

As of 30 September, 2022

Project Fiscal Year	Project Sponsor Component Name	Construction Project Type Name	State Name	Country Name	Project Number	Project Title	Construction Start Date	Original Construction Completion Date	Current Construction Completion Date	Construction Percent Complete	Reason for Schedule Delays
2007	Defense Health Agency	Major Military Construction	Maryland	United States	58395	USAMRIID Replacement, Incrs 1-8	06/01/2009	05/31/2014	05/25/2023	98.0%	Schedule delay for all increments can be attributed to restoring the building after a fire during final stages of construction (April 2013), which seriously damaged lab spaces Bio Safety Level 4, interstitial mechanical space and adjacent areas. Subsequent to repair, issues arose during building commissioning that required redesign of some of the complex building systems resulting in additional delays and further impacted by contractor resourcing and performance. Additional delays are anticipated due to requirements for meeting Centers for Disease Control certification requirements.
2012	Defense Health Agency	Major Military Construction		Germany	76007	Medical Center Replacement, Incr 2 and Incr 3	09/07/2018	01/30/2021	11/30/2022	99.0%	<ul style="list-style-type: none"> Deficiencies identified in eHUBau design during mockup building reviews indicate risk of more errors requiring correction after award. Risk to cost and schedule. Continent-wide supply chain and personnel disruptions continue to cause delays. Commodity and energy prices across Europe have further spiked due to continued Russian hostilities in Ukraine. Legal and post-Beneficial Occupancy Date (BOD) implications of German hygiene laws still being clarified
2012	Defense Health Agency	Major Military Construction		Germany	76007	Medical Center Replacement, Incr 1, Incr 6	12/10/2014	12/30/2025	10/30/2027	11.0%	<ul style="list-style-type: none"> Deficiencies identified in eHUBau design during mockup building reviews indicate risk of more errors requiring correction after award. Risk to cost and schedule. Continent-wide supply chain and personnel disruptions continue to cause delays. Commodity and energy prices across Europe have further spiked due to continued Russian hostilities in Ukraine. Legal and post-Beneficial Occupancy Date (BOD) implications of German hygiene laws still being clarified
2012	Defense Health Agency	Major Military Construction		Germany	76007	Medical Center Replacement, Incr 1 through Incr 8	03/30/2015	12/30/2025	10/30/2027	2.0%	<ul style="list-style-type: none"> Deficiencies identified in eHUBau design during mockup building reviews indicate risk of more errors requiring correction after award. Risk to cost and schedule. Continent-wide supply chain and personnel disruptions continue to cause delays. Commodity and energy prices across Europe have further spiked due to continued Russian hostilities in Ukraine. Legal and post-Beneficial Occupancy Date (BOD) implications of German hygiene laws still being clarified
2012	Defense Health Agency	Major Military Construction		Germany	76007	Medical Center Replacement, Incr 1 and Incr 6	01/13/2014	12/30/2025	10/30/2027	7.0%	<ul style="list-style-type: none"> Deficiencies identified in eHUBau design during mockup building reviews indicate risk of more errors requiring correction after award. Risk to cost and schedule. Continent-wide supply chain and personnel disruptions continue to cause delays. Commodity and energy prices across Europe have further spiked due to continued Russian hostilities in Ukraine. Legal and post-Beneficial Occupancy Date (BOD) implications of German hygiene laws still being clarified
2012	Defense Health Agency	Major Military Construction		Germany	76007	Medical Center Replacement, Incr 8	09/01/2024	06/30/2025	06/30/2027	1.0%	<ul style="list-style-type: none"> Deficiencies identified in eHUBau design during mockup building reviews indicate risk of more errors requiring correction after award. Risk to cost and schedule. Continent-wide supply chain and personnel disruptions continue to cause delays. Commodity and energy prices across Europe have further spiked due to continued Russian hostilities in Ukraine. Legal and post-Beneficial Occupancy Date (BOD) implications of German hygiene laws still being clarified

2013	Air Force Active	Major Military Construction		Guam	AJY123010	GUAM STRIKE FUEL SYSTEMS MAINTENANCE HANGAR	03/18/2015	11/21/2017	11/30/2022	99.0%	The US Customs and Immigration Service (USCIS) implemented a quota on H2B worker visas creating a shortage of skilled workers significantly impacting the schedule for this project. Additionally, COVID-19 quarantine and positive tests added additional delays. A Munitions and Explosives of Concern (MEC) occurring after contract award added additional delays. Three contract upward adjustments added additional time to obtain the necessary funding. Additional construction issues occurred requiring resolution of hangar and apron problems. Project Delivery Team monitoring project to mitigate cost and time growth.
2013	Army Active	Major Military Construction		Japan	62783	Satellite Communications Facility	11/21/2014	06/09/2021	07/03/2026	83%	<ul style="list-style-type: none"> Delays were due to the Dubai contractor being unfamiliar with the Japan construction market, lack of skilled laborers and COVID travel restrictions. Project has an intricate schedule with two (2) government moves in the middle of construction. The COVID pandemic resulted in difficulty in obtaining and keeping project management, administrative and sub-contractors on-site and getting supplies to Japan. Travel restrictions, quarantine procedures, and more recent supply chain issues resulted in additional delays. Numerous issues with the contractor contributed to the delay in the construction schedule over the years. The contractor had issues keeping administrative and project management people on site. The effects of the COVID pandemic exacerbated ongoing issues as it became harder for the contractor to get project management personnel, sub-contractors, and supplies to Japan. Travel restrictions, quarantine procedures, and the more recent supply chain issues have resulted in additional delays to the contract schedule.
2013	Defense Information Systems Agency	Major Military Construction		Germany	13DISA01	DISA Europe Facility Upgrade	08/19/2015	12/31/2016	12/31/2022	90%	Delay due to changes in PM. Contract awarded to Bauamt (German contractor). Temporary Uninterrupted Power Supply (UPS) installed which caught fire and required replacement. Re-design of routing of power cabling through hallway ceilings and rooms and power cables from the power plant to the DISA building and all associated activities. Contract modification required. A separate facility project to correct major structural issue in powerhouse (bldg. 2374) was ongoing during FY21 creating additional delays. Delays in receipt of materials and parts. Some materials just received after long backorder.
2014	Air Force Active	Major Military Construction		Guam	AJY133027	PAR - TANKER GP MAINT HANGAR/AMU/SQD OPS	01/08/2015	01/30/2017	11/30/2022	99%	The US Customs and Immigration Service (USCIS) implemented a quota on H2B worker visas creating a shortage of skilled workers significantly impacting the schedule for this project. Additionally, COVID-19 quarantine and positive tests added additional delays. A Munitions and Explosives of Concern (MEC) occurring after contract award added additional delays. Three contract upward adjustments added additional time to obtain the necessary funding. A significant number of punch list items are being resolved.
2014	Army Active	Major Military Construction		Marshall Islands	59779	Pier	08/17/2016	06/10/2020	09/07/2025	85%	Delays resulted from impacts of COVID induced supply chain complications and travel restrictions to the Island.
2014	Defense Health Agency	Major Military Construction	Maryland	United States	77000	Public Health Command Laboratory Replacement	09/08/2015	02/19/2019	02/01/2023	99%	Contractor issued a time-impact analysis (TIA) identifying time growth causes as result of inadequate design and government inflicted issues. Claim currently under U.S. Army Corps of Engineers (USACE) review. USACE evaluating contract modifications to determine justification of cumulative time growth to the project.
2014	Defense Information Systems Agency	Major Military Construction	Hawaii	United States	14DISA01	DISA Pacific Facility Upgrade	01/11/2018	12/31/2018	11/30/2022	99%	<ul style="list-style-type: none"> Delays due to changes in Program Management (PM) and hazardous material (HAZMAT) quantities- (tennis court asbestos containing material) discrepancy and subsequent relocation of the water tank. Additionally, during the pre-construction meeting (29 Jan 20), it was determined an air separator would be required in the chiller plant. Delays in receipt of materials. Project completed Nov 2022. DD1354 being prepared.

2015	Air Force Active	Major Military Construction		Guam	AJY133028	PAR Low Observable/Corrosion Control/Composite Repair Shop	11/18/2016	09/20/2018	04/14/2023	89%	The US Customs and Immigration Service (USCIS) implemented a quota on H2B worker visas creating a shortage of skilled workers significantly impacting the schedule for this project. Additionally, COVID-19 quarantine and positive tests added additional delays. A Munitions and Explosives of Concern (MEC) occurring after contract award added additional delays. Encroachment delays with other projects were encountered with corresponding request for equitable adjustment (REA).
2015	Air Force Active	Major Military Construction		Italy	PAY215001H	ERI: Improve Weapons Storage Facility	12/04/2017	08/28/2020	08/18/2023	64%	RFI (Italian Rail) advised of their need for additional land, which was never previously discussed. Land transfer took one year delaying the project. Work was stopped for several weeks due to COVID. Italian environmental authority would not allow construction on a portion of the site until more mitigation was accomplished. Contractor has developed and implemented a plan to mitigate by shortening durations in the schedule where possible.
2015	Army Active	Major Military Construction	Hawaii	United States	70668	Command and Control Facility Complex	11/02/2017	11/07/2021	02/20/2023	96%	Delay due to plans and specs that did not represent the physical conditions of the site, design omission of additional secure communication cable installation, and repair of equipment damaged by an unusual occurrence of an electrical phenomena during generator testing and subsequent system modifications to the phenomena recurrence.
2015	Army Active	Unspecified Minor Military Construction	Louisiana	United States	81234	Fire Station Addition	09/27/2018	09/27/2019	11/30/2022	80%	<ul style="list-style-type: none"> Termination for Default was issued to the original contractor 29 March 2018 due to poor performance. Surety awarded a new contract 14 Sep 2018. Recent delays are attributed to lower than expected work productivity, design issues, weather impacts (hurricanes/tropic storm) and COVID restrictions. The contractor experienced delays due to inefficiency, skilled labor shortage, supply chain delays, and bad weather.
2015	Defense Health Agency	Major Military Construction	Virginia	United States	81430	Hospital Add/CUP Replacement	06/01/2019	03/18/2021	01/12/2023	94%	Contractor's poor performance and installed equipment failures has created significant delays to the schedule
2015	DoD Education Activity	Major Military Construction		Japan	PA00017	Killin Elementary School Replacement/Renovation	01/11/2017	11/17/2020	11/23/2022	90%	There were significant delays due to Munitions and Explosives of Concern found early in the project. Additional delays were incurred for re-procurement of subcontractors once work was able to resume.
2015	Navy Active	Major Military Construction	Maryland	United States	N61151190	ADVANCED ENERGETICS RESEARCH LAB COMPLEX, PHASE 2	05/11/2017	09/06/2019	04/09/2023	36%	Delay is attributable to the combination of using a design-build (DB) strategy for the construction contract and the resultant post-award design completion delay due to the three-year plus duration to secure DoD Explosives Safety Board (DDESB) review/approval. Approximately one year of DDESB review time was built into the schedule (deemed to be a reasonable estimate), however given DDESB's workload/priorities/capacity turned out to be insufficient.
2015	Navy Active	Major Military Construction		Spain	N62863712	SHIP BERTHING POWER UPGRADES	12/04/2015	05/23/2018	12/27/2022	96%	Delays due to host nation COVID restrictions causing suspension of work. Contractor has returned, but hampered by material delays.
2015	Navy Active	Major Military Construction	District Of Columbia	United States	N68469275	ELECTRONICS SCIENCE AND TECHNOLOGY LABORATORY	11/16/2017	06/16/2021	11/13/2022	39%	Post award building condition survey by the contractor revealed varying physical conditions from the construction documents and a large presence of hazardous material (HAZMAT). The varying conditions necessitated redesign effort, added cost and time impact. The government at some point suspended contractor activities to seek a feasible solution to the project cost and time impact due to the unforeseen conditions.
2015	Special Operations Command	Major Military Construction	North Carolina	United States	79437	SOF Training Command Building - 79437	02/21/2017	02/11/2019	10/10/2022	95%	Delays were due to contractor staffing issues, design errors, and delays associated with re-design. Beneficial Occupancy Date (BOD) occurred 29 July 22.
2016	Air Force Active	Unspecified Minor Military Construction	Texas	United States	FNWZ100071A	Military Working Dogs Facs - Multi	10/22/2018	10/22/2019	11/07/2022	88%	An 18-month schedule delay incurred to replace substandard foundation walls. Weather delays and COVID-19 caused additional delays. Additional issues with roofing, trusses and electrical panels further impacted schedule. Project Delivery Team monitoring project to mitigate cost and time growth.

2016	Air Force Active	Military Family Housing Improvement		Japan	LXEZ154288	IMPROVE FAMILY HSG INFRASTRUCTURE, PH 4	11/26/2018	01/14/2021	01/30/2023	98%	Due to several safety issues and no increase to project oversight capabilities, the contractor chose to cut their workforce in half to focus on one neighborhood at a time. U.S. Army Corps of Engineers (USACE) is continuing to monitor the contractor's safety and quality oversight. Contractor has begun to work in multiple neighborhoods again, as they have shown improvement in their safety and quality.
2016	Air Force Active	Military Family Housing Improvement		Japan	LXEZ164289	IMPROVE FAMILY HSG INFRASTRUCTURE, PH 5	11/26/2018	01/14/2021	01/30/2023	98%	Due to several safety issues and no increase to project oversight capabilities, the contractor chose to cut their workforce in half to focus on one neighborhood at a time. U.S. Army Corps of Engineers (USACE) is continuing to monitor the contractor's safety and quality oversight. Contractor has begun to work in multiple neighborhoods again, as they have shown improvement in their safety and quality.
2016	Air Force Active	Major Military Construction	Texas	United States	MPLS083737R5	BMT RECRUIT DORMITORY 5	03/20/2019	01/22/2022	08/31/2023	59%	Contractor performance is marginal and unsatisfactory in the areas of safety, quality, schedule, management and special inspections is unsatisfactory requiring corrective action. The contractor is also experiencing labor issues getting qualified personnel. U.S. Army Corps of Engineers (USACE) is monitoring these issues and determining the impact to the construction completion date. USACE sent a Letter of Concern on 11 Nov 2021.
2016	Air Force Active	Major Military Construction	Texas	United States	MPLS083737S3	BMT CLASSROOMS/DINING FACILITY PHASE 3	05/01/2019	01/20/2022	08/31/2023	61%	The contractor is continuing to have quality workmanship issues and is over one year behind the approved construction schedule. Air Force and U.S. Army Corps of Engineers (USACE) personnel are continuing to closely monitor the situation. Early plan is for the Dining Facility to be delivered first to meet Air Force requirements.
2016	Air Force Active	Military Family Housing Improvement		Germany	YANB144533	FAMILY HOUSING MANAGEMENT FACILITY	04/04/2020	07/26/2021	05/23/2024	25%	Original Construction Complete Date Problem. Original construction completion did not incorporate completion of all contracts for this project, just the first awarded contract. Based on current U.S. Army Corps of Engineers (USACE) data now including the second contract, the original construction completion date should be 23 May 2024.
2016	Defense Health Agency	Major Military Construction		Germany	77986	Dental/ Medical Clinic Addition	12/14/2016	06/04/2019	12/26/2022	98%	Contractor's poor performance (not enough workers on site) coupled with design challenges has lead to time extensions.
2016	Defense Health Agency	Major Military Construction	Texas	United States	81422	Lackland Ambulatory Care Center Phase 4	10/24/2018	04/01/2021	06/19/2023	86%	Unforeseen asbestos discovered on the interior of the exterior skin that significantly delayed the project.
2016	Defense Health Agency	Major Military Construction	Kentucky	United States	86953	Medical Clinic	04/13/2017	06/23/2021	01/04/2023	95%	Unforeseen asbestos discovered on the interior of the exterior skin that significantly delayed the project.
2016	DLA Defense Energy Support Center	Major Military Construction		Djibouti	DESC1701	Construct Fuel Storage Facilities, Camp Lemonnie, Djibouti, Horn-of-Africa	03/13/2017	11/30/2020	01/24/2025	95%	Delays are due to 1) issues with the contractor's quality control program that resulted in concrete issues and lack of qualified staff per contract specifications, 2) subject matter expert recommended design changes, 3) confined space entry permitting complications, 4) excessive rainfall, 5) review of tank shoring plan, 6) inadequate labor levels partially due to Djibouti no longer approving visa applications for foreign workers, 7) lack of concrete suppliers, and 8) base closure due to COVID-19. Naval Facilities Engineering Systems Command (NAVFAC) is negotiating with the Contractor to work a new schedule and work around to bring the project to completion.
2016	Marine Corps Active	Major Military Construction	North Carolina	United States	M670011280	2ND RADIO BN COMPLEX PHASE 1	06/13/2017	06/24/2019	08/10/2023	88%	Multiple Requests for Information (RFI) for unforeseen conditions and design deficiencies have resulted in proposed contract modifications involving cost and additional time.
2016	Marine Corps Active	Major Military Construction	Guam	Guam	N41557715	LIVE-FIRE TRAINING RANGE COMPLEX (NW FIELD)	09/07/2017	11/26/2020	01/08/2023	81%	Delays are due to 1) contractor labor shortages due to H2B visa and applications processing and increased workload, 2) slow cycad tree salvage progression due to the fragile nature of the plant species that does not do well when stressed, and 3) material delay of racks due to COVID.

2016	Missile Defense Agency	Major Military Construction		Poland	640	Aegis Ashore Missile Defense System Complex	03/14/2016	05/30/2018	03/09/2023	96%	Reason for schedule delay is related to the construction contractor performance in achieving Beneficial Occupancy Date (BOD) for the Deckhouse Facility. Missile Defense Agency (MDA) and the U.S. Army Corps of Engineers (USACE) are seeing positive progress by collaborating with the contractor on focused efforts to achieve project completion. The MDA and USACE will continue to coordinate with the contractor's senior executive leadership to ensure completion of construction efforts at the earliest possible date. Performance details and steps to minimize additional delays are provided quarterly to congress in the MDA Report on the Status of Construction and Obligations for Aegis Ashore Poland. USACE declared Joint Occupancy Date (JOC) on June 15, 2022 and BOD is expected December 16, 2022. Construction completion date as of September 30, 2022 is March 9, 2023.
2017	Air Force Active	Unspecified Minor Military Construction		Jordan	ASVF164000	DINING FACILITY	09/11/2018	03/04/2020	11/30/2022	95%	Numerous reasons for delay including troop labor (RED HORSE) rotations, COVID-19 impacts, task rework, and material acquisition delays.
2017	Air Force Active	Major Military Construction	Florida	United States	FTFA043000	Advanced Munitions Technology Complex	05/01/2019	09/20/2021	05/01/2023	97%	Delays in the user requirements and designs of the blast chamber have delayed the project by 14 months. Additional delays due to manufacturing and shipping of the blast chamber. Project Delivery Team monitoring project to mitigate cost and time growth.
2017	Air Force Active	Major Military Construction	Florida	United States	FTFA053017	Dormitories Replace Dorm 19	11/06/2019	11/05/2021	11/27/2022	77%	Delays on construction due to manpower shortage and material delays. Contract modifications add additional delays due to weather and COVID. Project continues to experience delays in construction. Project Delivery Team monitoring project to mitigate cost and time growth.
2017	Air Force Active	Major Military Construction		Bulgaria	LBPG150009	ERI: CONSTRUCT SQUADRON OPERATIONS/OPERATION ALERT FACILITY	02/11/2019	02/11/2022	05/17/2024	1%	Termination for default of original contract due to non-payment to the Designer of Record. Re-procurement of construction contract award in progress. The final design is being re-validated as a part of the re-procurement.
2017	Army Active	Major Military Construction	Hawaii	United States	70668	Command and Control Facility, Incr 2	11/02/2017	11/07/2021	02/20/2023	96%	Delay due to differing site condition, design omission of additional secure communication cable installation, and repair of equipment damaged by an unusual occurrence of an electrical phenomena during generator testing and subsequent system modifications to the phenomena recurrence.
2017	DLA Defense Energy Support Center	Major Military Construction	Florida	United States	DESC1513	Replace JP-8 Fuel Storage Tanks, Patrick AFB, FL- Demolition New Construction	07/15/2019	09/15/2020	01/03/2023	20%	Project is behind due to a difficult startup during early COVID-19, other deficiencies, and concrete shortage experienced in Florida. U.S. Army Corps of Engineers (USACE) expects concrete delays to mitigate in early 2023 and the contractor has submitted a recovery schedule that is currently being reviewed.
2017	DLA Defense Energy Support Center	Major Military Construction		Marshall Islands	DESC1704	Replace Fuel Tanks, Kwajalein Atoll	11/08/2017	11/07/2020	10/31/2025	51%	Initially the contractor encountered difficulties with deep soil mixing issues in installation of piles for tank foundations. COVID-19 essentially shut the entire atoll down for a year and a half preventing any significant progress in construction. Since reopening the contractor is making progress but the contractor continues to face resourcing issues. A new plan for completion is being worked by U.S. Army Corps of Engineers (USACE).
2017	Missile Defense Agency	Unspecified Minor Military Construction		Israel	673	Integrated Electronic Security System (IESS) Installation & Security Infrastructure Upgrades	08/15/2018	05/31/2019	10/15/2022	99%	Reason for schedule delay is project was on-hold from March 2020 to May 2021 due to Host Nation (HN) COVID-19 travel restriction on contractors being allowed to reenter the country. Testing complete and turnover planned for 2Q FY 2023. Construction completion date is now projected to be January 15, 2023.
2017	Navy Active	Major Military Construction	Maryland	United States	N61151190	ADVANCED ENERGETICS RESEARCH LAB COMPLEX PH 2	05/11/2017	09/06/2019	04/09/2023	9%	Delay is attributable to the combination of using a design-build (DB) strategy for the construction contract and the resultant post-award design completion delay due to the three-year plus duration to secure DoD Explosives Safety Board (DDESB) review/approval. Approximately one year of DDESB review time was built into the schedule (deemed to be a reasonable estimate), however given DDESB's workload/priorities/capacity turned out to be insufficient.

2017	Navy Reserve	Major Military Construction	Louisiana	United States	M68479777	MARINE CORPS RESERVE CENTER	02/19/2020	08/30/2021	09/27/2024	46%	An underground storage tank was discovered on site. The tank will be removed, but there has been some delays in processing the Utility Plant Office Building (UPOB) to use the FY17 contingency funds available. There were also delays getting the electrical service established as the electrical utility was not accustomed to the way Naval Facilities Engineering Systems Command (NAVFAC) operates.
2018	Air Force Active	Major Military Construction	Oklahoma	United States	AGGN053009	FIRE RESCUE CENTER	04/30/2020	05/14/2021	03/30/2023	64%	COVID - 19, materiel shortages, worker shortages and substantial differing site conditions caused significant delays. Construction is now progressing normally with pending contract modifications to being the contract back "on schedule." Project Delivery Team monitoring project to mitigate cost and time growth.
2018	Air Force Active	Major Military Construction		Italy	ASHE143008	GUARDIAN ANGEL OPERATIONS FACILITY	05/25/2020	07/26/2021	03/10/2023	65%	Design changes drove 12-month delay. Construction is progressing at a required pace, consistent with the original construction duration. Currently the contractor has submitted a request for equitable adjustment (REA), including time impact analysis. The Agent is evaluating the REA and it is very likely that the contractor will be granted additional contract time due to Government caused delays thus placing the contractor very close to being back on schedule.
2018	Air Force Active	Major Military Construction	Colorado	United States	CRWU093002	SBIRS Operations Facility	02/12/2019	04/22/2021	12/31/2022	99%	Schedule delay is primarily due to contract modifications to remove site generators and add modernization of building 442 switchgear. U.S. Army Corps of Engineers (USACE) is on site to monitor progress.
2018	Air Force Active	Major Military Construction	Alaska	United States	FTQW180107	F-35A Consolidated Munitions Admin Facility	04/05/2018	05/14/2020	12/31/2022	97%	Project is pending disposal of contaminated soil at a Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) approved landfill. The facility was placed in service 2 Jul 20 (on schedule). Alaska District, U.S. Army Corps of Engineers is executing the disposal.
2018	Air Force Active	Major Military Construction		United Kingdom	MSET153506	F-35A FIELD TRAINING DETACHMENT FACILITY	09/02/2020	02/19/2022	04/24/2023	80%	Contractor inability to provide resource levels required to maintain program. The Air Force and United Kingdom (UK) Defence Infrastructure Organisation (DIO) are working with the contractor to develop a delivery plan which sets precedence for other deliveries for the F35 program at Royal Air Force (RAF) Lakenheath. DIO is exploring contractual options to compel the contractor to increase resource levels in order to get back on schedule.
2018	Air Force Active	Major Military Construction		United Kingdom	MSET153509	F-35A INFRASTRUCTURE	04/09/2020	08/31/2022	09/30/2023	85%	Continual slippage of F35 projects at Royal Air Force (RAF) Lakenheath has caused the delay of this project. The Air Force and United Kingdom (UK) Defence Infrastructure Organisation (DIO) are working with the contractor to develop a delivery plan which sets precedence for other deliveries for the F35 program at RAF Lakenheath.
2018	Air Force Active	Major Military Construction		United Kingdom	MSET153514	F-35A SQUADRON OPERATIONS AND AMU	07/18/2019	02/01/2021	09/15/2023	83%	Multiple Design delays associated with the Intelligence Community Directive ICD-705 implementation are now causing significant delays in construction activities. Additionally, contractor has experienced supply chain/management issues and has difficulties de-conflicting the mechanical/fire/structural design elements. Additionally, there have been some delays due to COVID-19 (final impact still to be determined). The Air Force and United Kingdom (UK) Defence Infrastructure Organisation (DIO) are working with the contractor to develop a delivery plan which sets precedence for other deliveries for the F35 program at Royal Air Force (RAF) Lakenheath. DIO is exploring contractual options to bring the contractor back on schedule.
2018	Air Force Active	Major Military Construction	New Jersey	United States	PTFL163010	KC-46A Alter BLDGS FOR OPS AND TFI AMU-AMXS	11/14/2019	05/07/2021	11/30/2022	97%	Differing site conditions and Secure Area changes have delayed the overall completion date. Contract modifications totaling 560 days for facility changes. Project Delivery Team monitoring project to mitigate cost and time growth.
2018	Air Force Active	Major Military Construction	New Jersey	United States	PTFL163019	KC-46A TWO BAY GENERAL PURPOSE MX HANGAR	08/23/2019	07/23/2021	01/31/2023	97%	Fire alarm systems did not meet National Electric Manufacturers Association (NEMA) 4 environmental rating requirements; significant time is required to develop and action plan to remediate this in multiple areas in the facility. Weather and COVID-19 base access restrictions further delayed construction completion. Project Delivery Team monitoring project to mitigate cost and time growth.

2018	Air Force Active	Major Military Construction	Ohio	United States	ZHTV153201	FIRE/CRASH RESCUE STATION	05/06/2020	09/03/2021	10/16/2024	94%	Delay in pre-engineering metal building design and manufacture shipping delays impact construction completion. Additional delays due to roof deficiencies and air-handling unit (AHU) design deficiency.
2018	Air National Guard	Unspecified Minor Military Construction	Hawaii	United States	KNMD179040	MCCA Install 15 KVA Power Lines for Microgrid	05/14/2019	05/23/2021	02/01/2023	90%	Unspecified minor military construction project executed by the State of Hawaii via a Military Construction Cooperative Agreement (MCCA) with the state of Hawaii. This project is being executed through a public agency, High Technology Development Corporation (HDTC), in conjunction with another Research and Development microgrid demonstration project sponsored by the Air Force Research Laboratory. Both projects were awarded under a single design-build contract. In April 2020, Naval Facilities Engineering Systems Command (NAVFAC) introduced concerns with the microgrid infrastructure during an on-going review and approval of the Interconnect Service Agreement. These concerns were unforeseen during design phase of this contract and halted continued construction this project. Redesign is underway and expected to be completed in the fourth quarter of FY2023.
2018	Air National Guard	Major Military Construction	Tennessee	United States	PSXE999132	Replace KC-135 Maintenance Hangar and Shops	08/22/2019	08/22/2021	12/30/2022	98%	Significant delays (weather, COVID-19, manpower and material) occurred in the early part of the project. Additional delays were required to redesign the fire suppression system due to policy changes to eliminate use of Aqueous Film Forming Foam (AFFF).
2018	Army Active	Major Military Construction	Hawaii	United States	70668	Command and Control Facility, Incr 3	11/02/2017	11/07/2021	02/20/2023	96%	Delay due to differing site condition, design omission of additional secure communication cable installation, and repair of equipment damaged by an unusual occurrence of an electrical phenomena during generator testing and subsequent system modifications to the phenomena reoccurrence.
2018	Army Active	Major Military Construction	Virginia	United States	77779	Aircraft Maintenance Instructional Bldg	06/26/2019	02/15/2021	11/30/2022	98%	Delay due to plans and specs that did not represent the physical conditions of the site involving unsuitable soil and the addition of user requested change to the project scope identified by the Base Fire Department at time of project turnover.
2018	Army Active	Major Military Construction		Turkey	86832	Forward Operating Site	10/02/2018	03/25/2022	10/31/2024	76%	Delays are due to restricted site access to mitigate COVID and limited construction season (Apr-Oct, remote site/high elevation) which resulted in late construction start.
2018	Army Active	Major Military Construction		Germany	86991	Administrative Building	04/03/2020	06/22/2022	03/16/2024	82%	Delays resulted from the time required to obtain an above threshold reprogramming to fund the removal of contaminated soil stockpiled on the site.
2018	Defense Health Agency	Major Military Construction	North Carolina	United States	14042	Ambulatory Care Center/Dental Clinic Wallace Creek)	10/12/2019	10/30/2021	10/31/2022	99%	The project incurred critical path delays due to weather, some rework for an incomplete submittal review, and mostly material and labor shortages claimed to be related to COVID-19.
2018	Defense Health Agency	Major Military Construction	Colorado	United States	77987	Medical/Dental Clinic Addition/Alteration	10/23/2018	06/17/2021	06/23/2023	75%	Contractor has failed to provide sufficient manpower to maintain the schedule.
2018	Defense Health Agency	Major Military Construction	Maryland	United States	80906	Medical Center Add/Alt, Inc 2	07/01/2020	03/01/2026	05/13/2027	39%	<ul style="list-style-type: none"> • Deficiencies identified in eHUBau design during mockup building reviews indicate risk of more errors requiring correction after award. Risk to cost and schedule. • Continent-wide supply chain and personnel disruptions continue to cause delays. Commodity and energy prices across Europe have further spiked due to continued Russian hostilities in Ukraine. • Legal and post-Beneficial Occupancy Date (BOD) implications of German hygiene laws still being clarified
2018	DoD Education Activity	Major Military Construction		Italy	EU00117	Vicenza High School Replacement	09/27/2019	01/27/2022	05/08/2023	76%	There were significant delays due to COVID suspension of work by the Host Nation, base access issues, and manpower/supply issues.
2018	Marine Corps Active	Major Military Construction	California	United States	M006811310	AMMUNITION SUPPLY POINT UPGRADE	10/11/2018	10/10/2020	03/26/2023	55%	Delays are due to 1) received archaeological clearance late, 2) additional asbestos abatement was required, 3) site access issues due to FY14 P970 Ammunition Supply Point Facilities Pulgas, 4) unforeseen soil conditions, and 5) design issues that have been mitigated through design revisions.
2018	Marine Corps Active	Major Military Construction	California	United States	M67399192	POTABLE WATER TREATMENT/BLENDING FACILITY	10/13/2018	09/28/2021	02/15/2023	89%	A new chlorination system was required for the reverse osmosis building since it was determined that the existing chlorination system was degraded.

2018	Navy Active	Major Military Construction	Florida	United States	N00213731	FIRE STATION	10/03/2019	11/30/2020	10/31/2022	64%	In addition to COVID related delays due to material and labor shortages, the contractor has had numerous issues complying with contractual requirements as documented in interim unsatisfactory performance assessment. Most recent delay was chiller coil supply chain, commissioning to follow. The Public Works Department (PWD) is continuing to coordinate with the contractor to complete as soon as possible.
2018	Navy Active	Major Military Construction	California	United States	N00246988	UNDERSEA RESCUE COMMAND OPERATIONS BUILDING	09/13/2018	03/22/2021	10/05/2022	93%	Delays are due to differing site conditions, vague crane specifications, and computer installation.
2018	Navy Active	Major Military Construction		Guam	N41557250	MALS FACILITIES	10/08/2018	01/21/2021	10/06/2022	98%	Delays are due to 1) contractor labor shortages due to H2B visa and applications processing and increased workload and 2) equipment and material delivery from manufacturers due to COVID.
2018	Navy Active	Major Military Construction	Guam	Guam	N41557260	CORROSION CONTROL HANGAR	10/05/2018	12/28/2020	10/06/2022	87%	Delays are due to 1) contractor labor shortages due to H2B visa and applications processing and increased workload and 2) equipment and material delivery from manufacturers due to COVID.
2018	Navy Active	Major Military Construction	Virginia	United States	N62688495	CHAMBERS FIELD MAGAZINE RECAP PH 1	10/12/2018	02/04/2021	05/26/2023	47%	Naval Ordnance Safety and Security Activity (NOSSA) has been understaffed and have been unable to review drawings and submit to Department of Defense Explosives Safety Board (DDESB) for review/approval.
2018	Navy Active	Major Military Construction	Hawaii	United States	N62813013	COMMUNICATIONS/CRYPTO FAC (WAHIAWA)	08/09/2019	04/26/2021	04/24/2024	98%	A number of unforeseen situations necessitated the need for mods and an increase in project costs above the Program Amount. Long lead time for materials needed for the mods as well as the need to obtain reprogramming funds delayed the schedule. Reprogramming funds needed for cybersecurity requirements, Heating, Ventilation, and Air Conditioning (HVAC) redesign (direct digital control system) and hazardous material removal. To minimize the additional time growth, the Government prioritized mods that could be awarded with funds in hand to keep the work progressing. Also mods were prenegotiated so that as soon as reprogramming funds were available, awards could be immediately executed, work could commence and long lead items could be ordered.
2018	Navy Active	Major Military Construction	District Of Columbia	United States	N68469275	ELECTRONICS SCIENCE AND TECHNOLOGY LABORATORY	11/16/2017	06/16/2021	11/13/2022	98%	Post award building condition survey by the contractor revealed varying physical conditions from the construction documents and a large presence of hazardous material (HAZMAT). The varying conditions necessitated redesign effort, added cost and time impact. The government at some point suspended contractor activities to seek a feasible solution to the project cost and time impact due to the unforeseen conditions.
2018	Special Operations Command	Major Military Construction	Virginia	United States	80771	FY18 Battalion Complex, Phase 1	02/25/2019	12/26/2020	12/15/2022	99%	Delays due to changes to the Mechanically Stabilized Earth (MSE) Walls required to resolve existing weak soils condition. Project essentially complete at this time.
2018	Washington Headquarters Services	Major Military Construction	Virginia	United States	87637	Pentagon Corridor 8 Pedestrian Access Control Point	09/28/2020	06/21/2022	07/30/2023	13%	Congressional prior approval reprogramming due to increased structural requirements, market conditions, and work conditions delayed the project.
2018	Washington Headquarters Services	Major Military Construction	Virginia	United States	91474	Southeast Safety Traffic and Parking Improvements	02/01/2020	01/22/2021	12/29/2023	13%	Congressional prior approval reprogramming due to COVID impacts, traffic signaling scope change, and security enhancements delayed the project.
2019	Air Force Active	Major Military Construction	Alaska	United States	FTQW1053834	F-35 Aircraft Maintenance Unit Admin Facility	08/05/2019	08/05/2021	12/31/2022	98%	Small delay due to unanticipated fire alarm system modification to integrate it with the adjacent existing 8 bay weather shelter facility. Significant delay for remediation and disposal of contaminated soil due to change in Alaska law for Per-and Polyfluoroalkyl (PFAS) contamination levels.
2019	Air Force Active	Major Military Construction	Alaska	United States	FTQW1054329	F-35 Conventional Munitions Maintenance Fac	10/16/2019	10/13/2021	09/30/2023	95%	Award and execution of a contract to bring the existing fire water storage tank up to operational condition before completing the required work on the facility's fire protection system delayed construction completion. Resolving time delay Request for Equitable Adjustment (REA) before proceeding with remaining demolition work.

2019	Air Force Active	Major Military Construction		United Kingdom	MSET153503	F-35A FUEL SYSTEM MAINTENANCE DOCK 2 BAY	09/04/2020	04/20/2022	10/14/2023	72%	Reasons for delay include incorrect and missing site information which has affected water connection and delayed pavement quality concrete apron work. Some user requirement changes (within scope, not new apart from fire suppression shutdown policy), asbestos buried on site and a blocked pipe. Nesting protected birds inside hangar forced partial no-go areas. Difficulty in getting and keeping sub contractor labor. Beyond large, external factors, no further delays are expected and project is completing at the same speed as was originally programmed.
2019	Air Force Active	Major Military Construction	Nevada	United States	RKMF123009	CRH Simulator	11/20/2019	07/02/2021	10/31/2022	97%	Mission requirements added an overhead crane in the high bay area to project scope. Funding and contract modifications to add this crane significantly delayed the project. Additional rework was required to reroute heating, ventilation, and air conditioning ductwork to allow crane installations. Project Delivery Team monitoring project to mitigate cost and time growth.
2019	Army Active	Major Military Construction	Kentucky	United States	35782	Digital Air/Ground Integration Range	02/06/2020	02/05/2022	03/30/2023	82%	Delays due to challenges with awarding Operation and Maintenance Army (OMA) funded Unexploded Ordnance (UXO) contract in advance of MILCON activities.
2019	Army Active	Major Military Construction	New Jersey	United States	63054	Munitions Disassembly Complex	11/04/2019	11/03/2021	11/30/2022	96%	Delays are due to unforeseen site conditions with the subsurface and delivery of long lead items.
2019	Army Active	Major Military Construction	Hawaii	United States	70668	Command and Control Facility, Incr 4	11/02/2017	11/07/2021	02/20/2023	96%	Delay due to differing site condition, design omission of additional secure communication cable installation, and repair of equipment damaged by an unusual occurrence of an electrical phenomena during generator testing and subsequent system modifications to the phenomena reoccurrence.
2019	Army Active	Military Family Housing		Korea, South	81429	Family Housing Replacement Construction	10/31/2019	09/05/2022	09/19/2023	70%	The Fire Service Access Elevator specifications required additional review resulting in modification and contract extension. Additional delays resulted in unforeseen delivery delays for long lead times for offshore items.
2019	Army Active	Major Military Construction	Georgia	United States	88724	Cyber Instructional Fac and Network Ctr	07/17/2020	07/07/2022	11/30/2023	56%	Delays resulted from difficulty with the roofing installation combined with supply chain delays for curtainwall and terracotta siding.
2019	Defense Health Agency	Major Military Construction	North Carolina	United States	89838	Ambulatory Care CTR/Dental Clinic Replacement	09/30/2019	10/30/2021	03/31/2023	90%	The project incurred critical path delays due to unforeseen contaminated underground utilities, weather, an extended product submittal review, and material and labor shortages claimed to be related to COVID-19.
2019	Defense Health Agency	Unspecified Minor Military Construction	South Carolina	United States	93298	High Altitude Airdrop Mission Support (HAAMS)	11/30/2020	09/10/2021	11/15/2022	98%	The project incurred critical path delays due to structural design errors and the addition of the furniture/equipment procurement under the construction contract, though the largest impacts to this project were material and labor shortages claimed to be related to COVID-19.
2019	Navy Active	Major Military Construction	Florida	United States	N00213720	AUTEC AUSTERE QUARTERS	10/10/2019	12/13/2021	06/29/2023	20%	All delays are attributed to COVID based on strict Atlantic Undersea Test and Evaluation Center (AUTEC) Island restrictions. Notice to proceed and entrance to island was withheld during COVID, and contractor was not permitted to begin work resulting in 538 day time-only unilateral time extension.
2019	Navy Active	Major Military Construction	California	United States	N002450888	HARBOR DRIVE SWITCHING STATION	04/11/2019	08/18/2021	10/06/2022	80%	Delays attributed to unforeseen conditions during trenching operations for the electrical duct bank and during manhole investigation.
2019	Navy Active	Unspecified Minor Military Construction	Florida	United States	N60508288	AHTS TEMPORARY MAINTENANCE HANGAR FOUNDATION	01/24/2020	01/11/2021	03/30/2023	37%	Delays attributed to rework associated with fire protection, fire alarm and mass notification systems. Contractor initially failed to intelligibility criteria as specified in the contract. Beneficial Occupancy accepted 15 Mar 2022. All work is complete; Contract must remain open until end of lease & removal of temporary facilities.
2019	Navy Active	Major Military Construction		Cuba	N60514343	CONSOLIDATED FIRE STATION	10/04/2019	09/20/2021	10/12/2022	72%	Delays due to unforeseen (abandoned) utility line in footprint of new driveway and commissioning delays; no significant impact as two existing fire/emergency stations are operational.
2019	Navy Active	Major Military Construction	California	United States	N61065224	CAUSEWAY, BOAT CHANNEL & TURNING BASIN	07/29/2019	10/27/2022	06/18/2024	55%	Contract extended to pick up adjacent project (FY20 P226) as an option to the P224 contract.
2019	Navy Active	Major Military Construction	California	United States	N69232586	MISSILE ASSEMBLY BUILDING AND HIGH EXPLOSIVE MAG	10/10/2019	02/15/2021	10/31/2022	98%	Delays are due to 1) lack of post construction award services support early in the project, 2) archaeological monitoring plan development, 3) weather-related barging delays, and 4) issues with how the lightning protection was installed versus how it was designed.

2019	Special Operations Command	Major Military Construction		Unspecified World Wide	79447	SOF Human Performance Training Facility PN79447	06/11/2019	05/31/2021	03/01/2023	77%	Contractor delays resulted in a Termination for Default. Surety took over the project responsibilities and their contractor is performing satisfactorily.
2019	Special Operations Command	Major Military Construction		Unspecified World Wide	81899	SOF Mountaineering Facility , PN81899	06/11/2019	05/31/2021	01/28/2023	63%	Contractor delays resulted in a Termination for Default. Surety took over the project responsibilities and their contractor is performing satisfactorily.
2019	Washington Headquarters Services	Major Military Construction	Virginia	United States	87645	North Village Secondary VACP and Fencing	10/15/2020	04/23/2021	02/28/2023	33%	Delay due to multiple unforeseen conditions and State Land Disturbing Activity permit approval.
2020	Army Active	Major Military Construction	Hawaii	United States	70668	Command and Control Facility, Incr 5	11/02/2017	11/07/2021	02/20/2023	96%	Delay due to differing site condition, design omission of additional secure communication cable installation, and repair of equipment damaged by an unusual occurrence of an electrical phenomena during generator testing and subsequent system modifications to the phenomena reoccurrence.
2020	Army Active	Unspecified Minor Military Construction	Texas	United States	91328	Ready Building-Tactical Operations Center	11/09/2020	11/09/2021	02/26/2023	9%	Delays are a result of the Design-Build contractor's design errors which delayed the project's construction phase and completion.
2020	Army National Guard	Major Military Construction	Alabama	United States	011801	Enlisted Barracks, Transient Training	05/17/2021	10/21/2022	10/24/2023	18%	Delays were due to shortage disruption of construction material supply as steel and increased cost in overall construction materials.
2020	Army National Guard	Major Military Construction	Mississippi	United States	280408	Automated Multipurpose Machine Gun Range	09/15/2020	09/30/2021	10/14/2022	68%	Delays were due to shortage disruption of construction material, also a damaged wire on the range that had to be re-ordered. The wire needed will not be onsite until Jan 23.
2020	Defense Health Agency	Major Military Construction	Maryland	United States	80906	Medical Center Add/Alt, Inc 4	07/01/2020	03/01/2026	05/13/2027	28%	This is an incrementally funded project. Unforeseen site condition has delayed the progress of this project.
2020	Defense Health Agency	Major Military Construction	Maryland	United States	80906	Medical Center Add/Alt, Inc 3	07/01/2020	03/01/2026	05/13/2027	39%	<ul style="list-style-type: none"> • Deficiencies identified in eHUBau design during mockup building reviews indicate risk of more errors requiring correction after award. Risk to cost and schedule. • Continent-wide supply chain and personnel disruptions continue to cause delays. Commodity and energy prices across Europe have further spiked due to continued Russian hostilities in Ukraine. • Legal and post-Beneficial Occupancy Date (BOD) implications of German hygiene laws still being clarified
2020	Defense Health Agency	Major Military Construction	Maryland	United States	80906	Medical Center Add/Alt, Inc 4	07/01/2020	03/01/2026	05/13/2027	39%	<ul style="list-style-type: none"> • Deficiencies identified in eHUBau design during mockup building reviews indicate risk of more errors requiring correction after award. Risk to cost and schedule. • Continent-wide supply chain and personnel disruptions continue to cause delays. Commodity and energy prices across Europe have further spiked due to continued Russian hostilities in Ukraine. • Legal and post-Beneficial Occupancy Date (BOD) implications of German hygiene laws still being clarified
2020	Navy Active	Major Military Construction	Virginia	United States	N69212169	NMC ORDNANCE FACILITIES RECAP	04/08/2021	06/25/2023	07/17/2024	1%	Construction delays due to Naval Ordnance Safety and Security Activity (NOSSA) approval and permit delays.
2021	Special Operations Command	Major Military Construction		Unspecified World Wide	88658	SOF Operations Facility - 88658	09/16/2021	03/10/2023	03/21/2024	17%	Delay due to the discovery of lead contamination in the building identified for demolition.
2016	Army Reserve	Major Military Construction	Mississippi	United States	77163	Army Reserve Center	11/01/2019	06/23/2021	01/04/2023	80%	Contractor performance issues have resulted in schedule delays.
2018	Army Reserve	Major Military Construction	Fort Buchanan	Puerto Rico	77074	Army Reserve Center	10/30/2019	04/22/2021	03/28/2023	89%	Subcontractor labor coordination and supply chain issues have resulted in schedule delays.