

**2011 Military Relocation Programmatic Agreement (PA) Appendix E Table 1:
Andersen Air Force Base Projects, Section 106 Effect Determination and Affected Resources**

Project Number	Project Title	FY Execution	DoD Effect Determination	Historic Properties Directly Affected	Historic Properties Indirectly Affected	FEIS/Original Survey Reference	Status: Current as of August 31, 2019
Andersen Air Force Base - North Ramp							
J-001 (Original) J-001A (New)	U&SI Mass Grub and Grade Phase 1 Ace Gate, GoJ (Original) RC2014-0625 AAFB ACE Gate and Facilities (New) RC2011-88321/PA	2010 (Original) 2011 (New)	Adverse Effect	66-08-2552	None	Dixon and Walker 2011	Consultation completed upon signing of 2011 Military Relocation PA. Adverse effect mitigated via archaeological data recovery (Stipulation VI.1.b.) under MILCON P-100, preparation of Public Education and Interpretation materials (Stipulation VI.B.) and update of Guam Historic Properties Information data form (Stipulation VI.G.), completed May 2013. Construction complete.
P-100	AAFB North Ramp Utilities Increment 1 RC2011-8831 ; also RC2011-8835/8836/36c (included P101 review)	2010 (Original) 2011 (New)	Adverse Effect	66-07-1064 (North Field), 66-08-2305, 66-08-2551, 66-08-2552	None	66-07-1064: GHPI Data Form, 1975 66-08-2305: Welch 2010 66-08-2551: Dixon and Walker 2011 66-08-2552: Dixon and Walker 2011	Consultation completed upon signing of 2011 Military Relocation PA. Adverse effect mitigated via preparation of Historic American Engineering Record (HAER) Survey of GHPI Site 66-07-1064 (North Field), archaeological data recovery (Stipulation VI.1.b.) of GHPI Sites 66-08-2305, -2551 and -2552, preparation of Public Education and Interpretation materials (Stipulation VI.B.) and update of Guam Historic Properties Information data forms (Stipulation VI.G.), completed May 2013. Construction Completed.
P-100A (Original) J-200 (New)	AAFB North Ramp Utilities, Increment 2 (Original) RC2011-8835/8836 AAFB North Ramp Utilities II (New) RC2013-0904	2012 (Original) 2014 (New)	Adverse Effect	66-07-1064 (North Field)	None	GHPI Data Form, 1975	Consultation completed upon signing of 2011 Military Relocation PA. Adverse effect mitigated via preparation of Historic American Engineering Record (HAER) Survey of GHPI Site 66-07-1064 (North Field), archaeological data recovery (Stipulation VI.1.b.) of GHPI Sites 66-08-2305, -2551 and -2552, preparation of Public Education and Interpretation materials (Stipulation VI.B.) and update of Guam Historic Properties Information data forms (Stipulation VI.G.), completed May 2013. Structured archaeological monitoring will also occur during intrusive activity. Construction in-progress. J-200 Phase 2 and Phase 3 projects in planning phases.
P-101 (Original) P-101/P-101A (New)	North Ramp Parking, Increments 1 and 2 (Original) RC2011/8835/8836 AAFB North Ramp Parking Increments 1 and 2 (New)	2010 (Original) 2011 (New)	Adverse Effect	66-07-1064 (North Field)	None	GHPI Data Form, 1975	Consultation completed upon signing of 2011 Military Relocation PA. Adverse effect mitigated via preparation of Historic American Engineering Record (HAER) Survey of GHPI Site 66-07-1064 (North Field), archaeological data recovery (Stipulation VI.1.b.) of GHPI Sites 66-08-2305, -2551 and -2552, preparation of Public Education and Interpretation materials (Stipulation VI.B.) and update of Guam Historic Properties Information data forms (Stipulation VI.G.), completed May 2013. Construction completed.
Unassigned	North Ramp Design Studies (New) RC2013-1114	2014	Adverse Effect	66-07-1064 (North Field)	None	GHPI Data Form, 1975	SHPO concurred with Determination of Effect on 5 August 2014. Consultations Completed. This PA Memo covered all future design efforts in the N. Ramp area.

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P-109	VMM Hangar #1 (Original) Aircraft Hangar #1 (New) RC2013-0827	2012 (Original) 2014 (New)	Adverse Effect	66-07-1064 (North Field)	None	GHPI Data Form, 1975	SHPO concurred with Determination of Effect on October 15, 2013. Adverse effect mitigated via preparation of Historic American Engineering Record (HAER) Survey of GHPI Site 66-07-1064 (North Field), preparation of Public Education and Interpretation materials (Stipulation VI.B.) and update of Guam Historic Properties Information data form (Stipulation VI.G.), completed May 2013.
Unassigned (Original) P-230 (New)	GSE Shop/Shed, AV Armament/Life Supp & LOX Pad (Original) GSE Shops (New) RC2014-0673	2014 (Original) 2015 (New)	Adverse Effect	66-07-1064 (North Field)	None	GHPI Data Form, 1975	SHPO concurred with Determination of Effect on 15 August 2014. Consultation has been completed.
Unassigned (Original) P-240 (New)	MWSS Elec Comm & Flightline Armory (Original) MWSS Facilities (New) RC2014-0838	Unscheduled (Original) 2015 (New)	Adverse Effect	66-07-1064 (North Field)	None	GHPI Data Form, 1975	SHPO concurred with Determination of Effect on 6 November 2014. On 4 November 2014, NFM responded to SHPO request for monitoring at P240 stating that monitoring was not needed because of demonstrated shallow soils and absence of cultural material in several referenced surveys. SHPO response agreed that there was shallow soil and concluded that the project could be monitored without submitting a formal AMDP for review. Consultation has been completed.
P-601	Transient Squadron Hangar #2 (Original) Aircraft Hangar #2 (New) RC2016-0039	2013 (Original) 2017 (New)	No historic properties affected	None	None	Welch 2010	future project under 2010 Record of Decision; Sec. 106 consultation complete RC2016-0039, dated Dec. 28, 2015.
P-250	MALS Facility RC2016-0124	2017	No historic properties affected ("no historic properties remain to be affected" - refers to previous obliteration of portion of North Field by site preparation activities)	None	None	Welch 2010	SHPO concurrence with DoD determination that no historic properties are affected ("no historic properties remain to be affected" in letter (RC2016-0124) dated March 2, 2016. Consultations have been completed.
P-260	Corrosion Control Hangar RC2016-0125	2017	No historic properties affected ("no historic properties remain to be affected" - refers to previous obliteration of portion of North Field by site preparation activities)	None	None	Welch 2010	SHPO concurrence with DoD determination that no historic properties are affected ("no historic properties remain to be affected" in letter (RC2016-0125) dated March 3, 2016. Consultations have been completed.
Unassigned (Original) P-280 (New)	Aircraft/Line Ops Building (Original) Air Ops Building (New)	Unscheduled (Original) Confirmed 2022 Project	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Welch 2010	future project under 2010 Record of Decision
This project is P-270, J-036 is a BEQ at Finegayan	ACE Gym and Dining P-270 RC 2019-0011	2019	PA Memo 1 delivered 10/05/18; SHPO concurrence with no historic properties affected (RC2019-0011)			Davis 1983, Dixon et al. 2015, Grant et al. 2007, Liston 1996, Mohlman 2015, Salo and Mohlman 2012, Tuggle 1993, Welch 2010, Yoklavich and Tuggle 2004	consultation completed

Need to add J-036 to the App. E N

Andersen Air Force Base - Munitions Storage Area

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Project Number	Project Title	FY Execution	DoD Effect Determination	Historic Properties Directly Affected	Historic Properties Indirectly Affected	FEIS/Original Survey Reference	Status: Current as of August 31, 2019
P-295	Ordnance Ops RC2017-0879	2019	PA Memo 1 delivered 4/06/2018; SHPO comments dated 5/22/2018 with non-concurrence; JRM addressed SHPO comments; , maintain that there are no historic properties affected.			TBD	In design phase; PA Memo to be developed FY17. Archaeological survey contract has been awarded for the project. Archaeological work plan delivered to SHPO 2/2/18. Survey completed; Draft archaeological report delivered to SHPO 2/02/2018; no comments received. Final technical report and GIS data delivered 4/19/2018. PA Memo 1 delivered 4/06/2018. SHPO non-concurrence received 5/22/2018. DON response to SHPO 7/18/2018 maintaining determination that no historic properties will be affected. Construction planned for FY19
P-296	Ordnance Ops Admin (RC2019-0028)	Beyond FY19	PA Memo 1 Design Studies delivered 11/05/2018; SHPO comments dated 12/31/2018 with concerns; JRM addressed SHPO comments; site of concern outside of APE			TBD	In design phase; PA Memo 1 completed for design studies 1/11/2019. Construction planned beyond FY19.
P-290	ECM (MSA) RC2017-0605	Beyond FY19	PA Memo 1 delivered 5/24/2017 with finding of adverse effect; however, additional archaeological investigations provided opportunity for design changes to avoid sites and avoid adverse effects. Revised PA Memo 1 was delivered to SHPO 1/15/2019 with determination of no adverse effect as a result of conditions to avoid the sites.			TBD	PA Memo #1 determined adverse effect on two sites. PA Memo #2 currently in preparation; adverse effect will be avoided by protection of the sites during construction and preservation in place. PA Memo #2 delivered to SHPO 7/13/17. DON agreed to additional survey requested by SHPO. Work plan for survey will be provided to SHPO. Draft work plan delivered 4/12/2018; SHPO commented 6/5/2018; Final work plan addressing SHPO comments delivered 7/12/2018. Surveys completed and PA Memo 1 (Revised) with determination of no adverse effect. Construction is planned for FY19. Final Technical Report delivered February 2019.
Andersen Air Force Base - Main Base							
J-031	Elementary School	Beyond FY19	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	TBD	future project
P-415	Child Development Center	Beyond FY19	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	TBD	future project
P-403	Middle School - Expansion	Beyond FY19	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	TBD	future project
P-411	Youth Center	Beyond FY19	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	TBD	future project
Unassigned	Family Housing	Beyond FY19	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	TBD	H-279: multi-phase demolition and construction of military family housing was previously consulted on (27 Oct 2015 with concurrence with DoD determination of no historic properties affected. H-280 is construction of new family housing within the APE consulted on under H-279.
Andersen Air Force Base - Northwest Field							

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P-715	KD Ranges - LFTRC (RC2012-10751)	2016	Adverse Effect	Further consultations were conducted under Range Mitigation Plan resulting in data recovery on 14 archaeological sites	Further consultation under Range Mitigation Plan identified sites in the SDZ; a representative sample of these sites will be selected for pre-construction documentation and monitoring for two years during construction and operation of the ranges. In addition, SHPO identified a set of sites for which additional research was requested. Navy provided a report in March 2016 addressing concerns on the sites and subsequently provided an addendum (July 2016) containing additional information obtained from the National Archives, Washington, DC.	Church 2009, Dixon 2014, Dixon et al. (2011, 2012), Kurashina et al. 1987, Welch 2010	Navy received concurrence from SHPO that the information provided satisfies concerns about the sites in question. Archaeological fieldwork was completed in June 2016; draft technical report and draft public information document were delivered to SHPO for review January 24, 2016. Recommended treatment of human bone found during lab analysis was provided by SHPO. Bone was treated as artifact but bagged separately and protected by padding. Next actions: consult on SDZ signage, complete final report and Public information booklet; translate booklet into Chamorro language. Collect baseline data on sites to be monitored. MCAG archaeologists collected baseline data from sites near construction footprint and sites on FWS land. Final technical report was delivered to SHPO on 11/16/2017; educational booklets (50 English and 50 Chamorro versions) were delivered to SHPO 2/15/18. Design review of P715 clear and grade plans and Rt 3A highway improvements (both consulted under RMP) was completed Aug 7, 2018. 2019 update: P-715 is an area covered by the Dispute Resolution Agreement of July 2018. Construction is in progress and monitors are present. As of August 2019, inadvertent discoveries have been made in the KDRR, MRFR, and range road. Inadvertent Discovery protocol was followed; Contracted archaeologists are at work on data recovery.
P-715 (New)	Installation of Ungulate Fencing for forest enhancement area	2016 (New)	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Relocation of existing ungulate fencing, which will be displaced by P-715; in consultation with USFWS regarding appropriate location for replacement fence. Pending BO 2019 update: PAM 1 delivered April 2019; SHPO did not concur with No Historic Properties, preferred No Adverse Effect. PAM 2 delivered 7/8/19 with revised determination per SHPO recommendation. SHPO concurrence 8/6/19.
P-735	Machine Gun Range	2019	Further consultation under Range Mitigation Plan	Further consultation under Range Mitigation Plan	Further consultation under Range Mitigation Plan	Church 2009, Dixon 2014, Dixon et al. (2011, 2012), Kurashina et al. 1987, Welch 2010	future project; however, clearing and grubbing will be funded by J-200 and is expected to occur in early FY18. Revised plan: funding for clearing and grubbing will not be funded by J-200. This remains a future project. Initial design review package was delivered to SHPO 12/13/2018 for 45 days review period, which ended 1/28/2019 without comment. Additional review of 60% design is pending. Construction is planned for FY19. Delivery for 15 day review of 60% drawings April 2019. No comments received; however, email from SHPO to PAC stated there were no concerns. Note: P735 was not referenced in the 2018 Dispute; however, SHPO assumed that all LFTRC was included. We anticipate effort by SHPO to extend monitoring requirement into P735.
P-746	USFWS Replacement	2021-?	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Church 2009, Dixon 2014, Dixon et al. (2011, 2012), Kurashina et al. 1987, Welch 2010	project removed
Andersen Air Force Base - Andersen South							
Unassigned	Andersen South Design Studies (New) RC2013-1101	2014	No Adverse Effect	66-04-2324, 66-04-2325, AS-T-2008-01, AS-T-2008-04, 66-04-2326	None	Welch 2010 Dixon, Walker and Carson 2011	Submitted as J755 Design Studies. No Adverse Effect determination due to protection of four historic properties in APE by high visibility fencing. Revised PA Memo #2 was delivered August 31, 2016. Revisions included communication ducts and proposed further evaluation of an additional historic property (04-2326), possibly associated with former Army hospital. SHPO comments led to revised figures, which were delivered Oct 19, 2016. SHPO concurrence received Oct 26.

Current Status??

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Unassigned (Original) J-755 (New)	MOUT Facility/Rappelling, Phase 1 (Original) Urban Combat Training (Previous) Andersen South Training Complex (New) RC2013-1101	2014 (Original) 2015 (New)	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Welch 2010 Dixon, Walker and Carson 2011	PA Memo #1 for construction and operation was delivered March 9, 2017. PA Memo #2 was delivered June 5. Includes MOUT Facility/Rappelling Phase 2, Company Level Maneuver, General Improvements/ Breaching House, and Driver Convoy Course. In addition, APE will include entirety of Andy South to accommodate company level maneuver training. Some sites will be affected. MCAG received SHPO staff comments on 8/24/17 and responded on 11/16/17. Following discussion with SHPO, MCAG submitted a third PAM which clarifies that PA Memo 2 responded to comments by the State Archaeologist, not SHPO. PA Memo 3 responds to official SHPO comments and clarifies that construction and operation are being consulted on separately. MCAG archaeologists visited specific former <i>lancho</i> locations near the construction footprint that were called out by SHPO and confirmed that there are no known eligible sites within the construction footprint. Sites within the operations footprint will be consulted on with a future PA Memo. 2019 update: J755 was included in 2018 Dispute Resolution Agreement; geotech work is underway with monitor. The APE in the construction PA memo does not include all of Andersen South. Refer to Andersen South Operations.
Andersen South Operations Operations N/A	Andersen South Operations	2020	Adverse Effect	Data recovery and a site eligibility determination planned	Further Consultation Required via PA Process	Welch 2010 Dixon, Walker and Carson 2011	PAM 1 for operations was delivered August 2019. The APE for Andersen South Operations includes the area to be used for future training activities. Data recovery and a site eligibility determination planned to address adverse site effects.

**2011 Military Relocation Programmatic Agreement (PA) Appendix E Table 2:
Naval Base Guam Projects, Section 106 Effect Determination and Affected Resources**

Project Number	Project Title	FY Execution	DoD Effect Determination	Historic Properties Directly Affected	Historic Properties Indirectly Affected	FEIS/Original Survey Reference	Status: Current as of Aug 31, 2019
Naval Base Guam - Apra Harbor							
P-1003	Apra Harbor Military Working Dog Relocation (Original) Military Working Dog Relocation (New)	2010	No Historic Properties Affected	N/A	N/A	Dixon, Walker and Carson 2011	Consultation completed upon signing of 2011 Military Relocation PA. Mitigation not required. Construction Completed.
P-204	Apra Harbor Wharf Improvements, Increments 1 and 2 (Original) Apra Harbor Infrastructure (New)	2010	No Historic Properties Affected	N/A	N/A	Mason Architects Inc. and Weitze Research 2010	Consultation completed upon signing of 2011 Military Relocation PA. Mitigation not required. Construction Completed.
J-001	U&SI Mass Grub and Grade, Phase 1 (GoJ) [Secondary Access Road] (Original) Apra Harbor Infrastructure (New)	2010	No Historic Properties Affected	N/A	N/A	Athens 2009 Welch 2010 Dixon and Walker 2011 Dixon, Walker and Carson 2011	Consultation completed upon signing of 2011 Military Relocation PA. Mitigation not required. Construction complete.
J-006	Apra Harbor Dental/Medical Clinic (Original) Apra Medical Clinic (New) RC2011-7959	2011 (Original) 2016 (New)	No Adverse Effect No-Historic Properties Affected	N/A	N/A	Athens 2009 Welch 2010 Dixon and Walker 2011 Dixon, Walker and Carson 2011	Consultation completed upon signing of 2011 Military Relocation PA. Mitigation not required. In design. New information: inclusion of utility corridor prompted requirement for additional consultation. Revised PA Memo 1 showing additional APE and determination of no historic properties affected was delivered to SHPO on 1/15/2019. Resolved SHPO comments by changing determination to NAE and performing site checks. MEC operations discovered scattered human bone fragments in re-deposited topsoil on job site. MCAG EV followed protocol for notification and recovery and agreed to provide report to SHPO on conclusion of project. Source of fill material is unknown; ethnicity of fragmented bone is unknown.
J-007	Apra Harbor Waterfront HQ Building (Original) Waterfront HQ Building (New)	2011 (Original) 2016 (New)	No Historic Properties Affected	N/A	N/A	Athens 2009 Welch 2010 Dixon and Walker 2011 Dixon, Walker and Carson 2011	Consultation completed upon signing of 2011 Military Relocation PA. Mitigation not required. In design. Construction pending. Construction underway. Two large anchors (one US, the other Japanese) discovered during wharf improvement projects will be displayed on the building grounds. Pad for anchor exhibit has already been poured and anchors have been brought to project site.
P-600 (Original) P-609 (New)	Apra Harbor Embark Ops (Original) Apra Embark Facility (New)	2013 (Original) Beyond FY19	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Welch 2010	future project under 2010 Record of Decision. PA Memo to come next reporting period.

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Naval Base Guam - Finegayan							
J-001 (Original) J-001B (New)	U&SI Mass Grub and Grade, Phase 1 (GoJ) (Original) Finegayan Utilities and Site Improvements Phase 1 (New) RC2014-0625	2011 (Original) 2015 (New)	Adverse Effect	66-08-2295, 66-08-2297, 66-08-2298, 66-08-2303, 66-08-2307 (Original) 66-08-1350, 66-08-2302, 66-08-2303, 66-08-2305, 66-08-2306, 66-08-2307, 66-08-2308, 66-08-2309 (New)	66-08-0007	Athens 2009 Welch 2010 Athens 2009, Dixon et al 2011, Haun 1988, Highness and Haun 1990, Kurashina et al. 1987, Kurashina et al. 1988, Olmo et al. 2000, Reinman 1977, Welch 2010	Consultation for original APE completed upon signing of 2011 Military Relocation PA. PAM 2 delivered Dec 9, 2014. SHPO comments on PA Memo 2 received on Jan. 23, 2015 (RC 2014-0625), NFM staff met with SHPO Jan 29 to discuss comments and work to resolve issues. This was followed by site visit with SHPO staff to location shown on archival maps as farm. Located cistern on the site; SHPO assigned site number. Data recovery was completed at 9 sites: 08-2309, 08-2306, 08-2305, 08-1350, 08-2308, 08-2303, 08-2804, 08-2701, and 08-2307 on Oct. 21, 2016. 08-2804 is a cistern at a location pointed out by SHPO. The site was added to the data recovery effort. 08-2303 is a disturbed latte site. Plans have been made to salvage latte elements from the site. PAC is coordinating salvage operations as a contract mod with the clearing contractor. Also, two historic features on 66-08-2303 required additional investigations with MEC support. The investigation is anticipated to be completed by the end of August 2017. Results will be incorporated into the draft technical report. The draft report and draft public information will be delivered to SHPO for review. Draft technical report and draft public information booklet were delivered to SHPO 11/09/2017. DON ended review after 117 days and request for third extension of review period. Final technical report was delivered 4/19/2018. Final Public Information booklet delivery was delayed due to illness of translator. U&SI work is currently in progress. J-001B is one of four areas being monitored under 2018 Dispute Resolution agreement. New information: two inadvertent discoveries have been made during U&SI work. Site 1 has been data recovered; investigation at Site 2 and the area between the two sites is pending. Inadvertent Discovery protocol was followed per Stipulation XI of the 2011 PA. 2019 update: contract has been awarded for data recovery at site 2; other inadvertent discoveries have been made, including extensions of 66-08-2303. Public information booklets arrived from printer and are being distributed.
J-001B (New)	Installation of Ungulate Fencing for forest enhancement areas (new) RC2014-0625 , CR RC2014-0291	2015 (New)	No Historic Properties Affected	None	None	Welch 2010	SHPO concurred with Determination of Effect on Feb 2, 2016 (RC2016-0048). Consultation has been completed.
1147910 (New)	Establishment of Native Plant Nurseries RC2016-0014	2015 (New)	No Historic Properties Affected	N/A	N/A	Athens 2009 Welch 2010 Kurashina et al. 1987	SHPO concurred with Determination of Effect on 16 December 2015. SHPO noted in their correspondence that PA Memos are not "addendums" to 2011 PA and Navy will ensure that this terminology is not used in future PA Memos. Consultation has been completed.

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P-113 (Original) J-017 (New)	U&SI Mass Grub and Grade, Phase 2 (US) (Original) Finegayan Utilities and Site Improvements Phase 2 (New)	2012 (Original) 2017 (New)	Adverse Effect	66-08-2295, 66-08-2297, 66-08-2298, 66-08-2303, 66-08-2307 (Original) 66-08-1350, 66-08-2308 (New)	66-08-0007	Reinman 1977 Kurashina, McGrath and Manner 1987 Haun 1988 Highness and Haun 1990 Olmo, Mangieri, Welch and Dye 2000 Athens 2009 Welch 2010	Consultation for original APE completed upon signing of 2011 Military Relocation PA. New Information consultation (Stipulation IV.F.) for new APE on hold. In design. 2019 update: Project has been separated into multiple phases; new J-017 -2 will have different APE from that previously consulted on. Other related projects will be listed separately.
J-017 (New)	Installation of Ungulate Fencing for forest enhancement areas (new)	2017 (New)	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Welch 2010	In consultation with USFWS Planned for FY19.
J-011	Base Headquarters (Original) Base Admin and Comm (New)	2011 (Original) 2017 (New)	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Welch 2010	future project 2019 update: Consultation (PA Memo) is expected next reporting period (July-Dec 2019).
J-016	Bachelor Enlisted Quarters 1 - 3 (Original) Bachelor Enlisted Quarters (New) - 1 Building	2011 (Original) 2017 (New)	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Welch 2010	Located within J-001B footprint. Geotech work was proposed ahead of J-001B U&SI work. Navy consulted with SHPO, who concurred that consultations for J-001B covered the proposed geotech work on J-016. PA memo for construction will be prepared in the future. Planned for FY19, PA Memo will consult on J016 and J-030, which will be awarded in the same construction contract. 2019 update: instead of J-016 and J-030, the first multiple vertical construction consultation is for J-031, J-033, P-311, P804 and P-459. PA memo was delivered 7/8/19; SHPO did not concur. Further consultations pending.
P-305	4th Marines Reg Fac	2018	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Athens 2009, Welch 2010	Within J001B APE,
P-306	CLB-4 Fac	2018	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Athens 2009, Welch 2010	Within J001B APE,
Unassigned (Original) P-307 (New)	III MEF Armory (Original) Consolidated Armory (New)	2014 (Original) 2018 (New)	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Welch 2010	future project
P-308	Law Enf Bn Co	2018	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Welch 2010	future project
P-311	Central Fuel Station	2018 (Original) Beyond FY19 (New)	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Athens 2009, Welch 2010	future project 2019 update: project included in multiple vertical construction consultation. PA Memo delivered 7/8/19.
P-309	GCE Inf Bn 1 and 2 Fac	2018	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Athens 2009, Welch 2010	future project

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J-012, J-302, (Previous) J-301 (New)	Consolidated HQ Facility (includes CLB-4 HQ, 3rd MEB CE, GCE Inf Bn HQ 1, GCE Inf Bn HQ 2, 4th Marines Reg HQ).	2018	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	TBD	future project
J-015	Enlisted Dining Facility #1 (Original) Enlisted Dining Facility (New)	2011 (Original) 2018 (New)	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Welch 2010	future project
J-030	Base Enlisted Quarters - 1 Building	2018	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	TBD	future project Planned for FY19. PA Memo for vertical construction to come next reporting period. PA Memo to include both J-016 and J-030. 2019 update: initial vertical construction consultation was for J-031, J-033, P-459 (all are barracks), also P-311 and P-804.
J-023	Bachelor Officer Quarters 1 - 3 (Previous) Bachelor Officer Quarters - 1 Building	2013 (Original) 2018 (New)	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Welch 2010	future project
J-018	Security (Police) Station (Original) Security Building/Police Station (New)	2012 (Original) 2018 (New)	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Welch 2010	future project
J-008	Fire Station	2011 (Original) 2018 (New)	No Historic Properties Affected	N/A	N/A	Athens 2009 Welch 2010	Consultation completed upon signing of 2011 Military Relocation PA. Mitigation not required. Planning development.
Unassigned (Original) P-312 (New)	CRSP Warehouse, Phase 1 (Original) District Warehouse (New)	Unscheduled (Original) 2019 ? (New)	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Welch 2010	future project 2019 update: PA Memo expected next reporting period
P-316	Artillery Battery	2019 ?	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	TBD	future project
P-610	AAV/LAR/CEB Maint	2019 ?	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	TBD	future project
P-314	MEB Enablers	2019 ?	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	TBD	future project
J-032	Bachelor Enlisted Quarters - 3 Buildings	2019 ?	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	TBD	future project
J-025	Medical/Dental Clinic	2019 ?	N/A	N/A	N/A	N/A	
J-304	Dental Co Admin	2019 ?	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	TBD	future project
Unassigned (Original) P-317 (New)	9th ESB Warehouse, Phase 1 (Original) 9th ESB EOD (New)	Unscheduled (Original) Beyond FY19? (New)	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Welch 2010	future project

**2011 Military Relocation Programmatic Agreement (PA) Appendix E Table 2:
Naval Base Guam Projects, Section 106 Effect Determination and Affected Resources**

Project Number	Project Title	FY Execution	DoD Effect Determination	Historic Properties Directly Affected	Historic Properties Indirectly Affected	FEIS/Original Survey Reference	Status: Current as of Aug 31, 2019
P-871	Gas Chamber (Original) CBRNE Training (New)	2013 (Original) 2019 ? (New)	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Welch 2010	future project
Unassigned (Original) J-401 (New)	Indoor Physical Fitness Center #2 (Original) Fitness Center (New)	Unscheduled (Original) Beyond FY19 ? (New)	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Welch 2010	future project
J-033	Bachelor Enlisted Quarters - 2 Buildings	Beyond FY19	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	TBD	future project 2019 update: included in multiple vertical construction consultation; PA Memo delivered 7/8/19
J-034	Bachelor Officer Quarters - 1 Building	Beyond FY19	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	TBD	future project
Unassigned (Original) J-402 (New)	Outdoor Playing Field	Unscheduled (Original) Beyond FY19	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Welch 2010	future project
Unassigned (Original) P-408 (New)	Religious Ministry Facility (Original) Religious Ministry Services (New)	Unscheduled (Original) Beyond FY19	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Welch 2010	future project
P-606 (Original) P-313 (New)	Corrosion Control Facility (Original) Corrosion Control - Ground Phase 1 (New)	2014 (Original) 2019 ? (Previous) Beyond FY19 ? (New)	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Welch 2010	future project
Unassigned (Original) P-404 (New)	Exchange Auto Services (Original) Exchange Retail Store (New)	Unscheduled (Original) Beyond FY19 ? (New)	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Welch 2010	future project
P-804	Central Issue Facility	Beyond FY19	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	TBD	future project
J-875	BSTF	Beyond FY19	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	TBD	future project
Unassigned (Original) P-407 (Previous) J-035 (New)	Library/Education Center/RMF (Original) Education Center (New)	Unscheduled (Original) Beyond FY19	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Welch 2010	future project
P-803	Ind Combat Skills Trng	Beyond FY19	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	TBD	future project

**2011 Military Relocation Programmatic Agreement (PA) Appendix E Table 2:
Naval Base Guam Projects, Section 106 Effect Determination and Affected Resources**

Project Number	Project Title	FY Execution	DoD Effect Determination	Historic Properties Directly Affected	Historic Properties Indirectly Affected	FEIS/Original Survey Reference	Status: Current as of Aug 31, 2019
Unassigned (Original) P-802 (New)	Base DSSA Warehouse, Phase 2 (Original) Base Warehouse (New)	Unscheduled (Original) Beyond FY19	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Reinman 1977 Kurashina, McGrath and Manner 1987 Haun 1988 Highness and Haun 1990 Olmo, Mangieri, Welch and Dye 2000 Athens 2009 Welch 2010	future project
Unassigned (Original) P-760	AV Simulation/MISTIC Training Facility (Original) Battle Sim Center (New)	Unscheduled (Original) Beyond FY19	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Welch 2010	future project
Unassigned (Original) P-410 (New)	Auditorium/Band Building (Original) Auditorium/Theater (New)	Beyond FY19	N/A	N/A	N/A	N/A	future project
Unassigned (Original) P-320 (New)	Recycling Center (Original) Recycle Center/Waste Transfer (New)	Unscheduled (Original) Beyond FY19	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Welch 2010	future project
Unassigned (Original) P-406 (New)	Recreation Center	Unscheduled (Original) Beyond FY19	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Welch 2010	future project
Unassigned (Original) P-414 (New)	Main Exchange (Original) Location Exchange (New)	Unscheduled (Original) Beyond FY19	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Welch 2010	future project
Unassigned (Original) P-318 (New)	Public Works Facility (Original) Public Works/Maintenance Shops (New)	Unscheduled (Original) Beyond FY19	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Welch 2010	future project
Unassigned (Original) P-409 (New)	Consolidated Club	Unscheduled (Original) Beyond FY19	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Welch 2010	future project
Unassigned (Original) P-323 (New)	5th ANGLICO Auto Shop (Original) Base Auto Shop (New)	Unscheduled (Original) Beyond FY19	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Welch 2010	future project
P-321	Corrosion Control - Ground Phase 2	Beyond FY19	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	TBD	future project
P-412	Transient Quarters	Beyond FY19	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	TBD	future project
P-322	Base EOD	Beyond FY19	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	TBD	future project
P-326	PEI Warehouse	Beyond FY19	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	TBD	future project

**2011 Military Relocation Programmatic Agreement (PA) Appendix E Table 2:
Naval Base Guam Projects, Section 106 Effect Determination and Affected Resources**

Project Number	Project Title	FY Execution	DoD Effect Determination	Historic Properties Directly Affected	Historic Properties Indirectly Affected	FEIS/Original Survey Reference	Status: Current as of Aug 31, 2019
Unassigned (Original) P-324 (New)	9th ESB Administration (Original) 9th ESB HQ (New)	Unscheduled (Original) Beyond FY19	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Welch 2010	future project
P-459	Base Enlisted Quarters - 1 Building	Beyond FY19	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	TBD	future project 2019 update: project is included in multiple vertical construction consultation; PA Memo delivered 7/8/19
P-405	Bachelor Officer Quarters	Beyond FY19	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	TBD	future project
J-021 (Original) P-413 (New)	Temporary Lodging Facility	Unscheduled (Original) Beyond FY19	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Welch 2010	future project 2019 update: Project was consulted on by AAFB; SHPO concurred with determination of no historic properties affected
Unassigned (Original) P-325 (New)	9th ESB Warehouse, Phase 2 (Original) 9th ESB EOD (-) (New)	Unscheduled (Original) Beyond FY19	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Welch 2010	future project
P-870	Engineering Pit (Dig Pit) (Original) Eng & Brdg Cmplx (New)	Beyond FY19	N/A	N/A	N/A	N/A	future project
Naval Base Guam - Naval Munitions Site							
P-608	ECMs (NBGOA)	Beyond FY19	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	TBD	future project 2019 update: PA Memo delivered 6/7/19; SHPO advised DON of documented site in APE. Additional research, including a site visit discovered standing latte set adjacent to proposed APE. Additional survey of the area is planned. Geotech work is being monitored.

**2011 Military Relocation Programmatic Agreement (PA) Appendix E Table 3:
Miscellaneous Projects, Section 106 Effect Determination and Affected Resources**

Project Number	Project Title	FY Execution	DoD Effect Determination	Historic Properties Directly Affected	Historic Properties Indirectly Affected	FEIS/Original Survey Reference	Status: Current as of August 31, 2019
Miscellaneous							
Unassigned	Tumon-Maui Well Rehabilitation (New) RC2016-0122	2011	No Adverse Effect	66-01-2278	None	Yoklavich, Craib and Drolet 1996	Consultation complete. No Adverse Effect determination due to compliance with Secretary of Interior Standards for Rehabilitation.
Unassigned	Ungulate (Hoofed Animal) Fencing (New) RC2012-9846	2011	No Historic Properties Affected	N/A	N/A	Reinman and Nees 1998 Dixon, Gosser, Gilda and Nees 2004 Welch 2010	Consultation complete. This was along Rt. 2 from NBG main gate south to join existing fence across from Apra Heights Mobil Station.
Unassigned	Wetland Restoration, Phase 1 (New) RC2011-8981	2011	No Adverse Effect	N/A	N/A	Dixon, Gosser, Gilda and Nees 2004	Consultation Complete
Unassigned (Original) P-102 (New)	Underground Power Line (Original) Power Upgrade - Harmon to NCTS SS UG (New) RC2015-0129	Unscheduled (Original) 2017 (New)	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Further Consultation Required via PA Memo Process	Welch 2010	future project; Sec 106 Consultation complete RC2015-0129 , dated Oct 28, 2015. Changes due to ongoing P-102 design (route change at AAFB) requires further consultation (PA Memo #1 Revision was delivered to SHPO April 2017 with SHPO response concurring with "no historic properties affected"). Consultations completed. January 2018 - contractor found proposed laydown area unsuitable due to tendency to flooding after rain; proposed an alternate area already permitted and in use about 1/2 mile south of originally proposed area. Revised PA Memo is in preparation for SHPO review. Revision concurred on by SHPO.

**2011 Military Relocation Programmatic Agreement (PA) Appendix E Table 3:
Miscellaneous Projects, Section 106 Effect Determination and Affected Resources**

Project Number	Project Title	FY Execution	DoD Effect Determination	Historic Properties Directly Affected	Historic Properties Indirectly Affected	FEIS/Original Survey Reference	Status: Current as of August 31, 2019
Unassigned (New) P-103 (Original)	Water Wells/Pipeline RC2016-0122	Unscheduled (Original) 2018 (New)	Further Consultation Required via PA Memo Process no adverse effect determination regarding testing phase	Further Consultation Required via PA Memo Process none affected by testing phase	Further Consultation Required via PA Memo Process none affected by testing phase	Welch 2010	2017: Project Design has changed in response to need to work outside of explosive safety arcs established around AAFB munitions storage bunkers. New design eliminates proposed eastern wells and corridors. Revised PA Memo will be submitted for SHPO review. Revised PAM 1 delivered to SHPO July 31, 2017; SHPO comments dated Sept. 11, 2017 stated disagreement with DON eligibility assessment for site that revised corridor passes through. MCAG and AAFB archaeologists visited the location in question on 12/4/17 and reported physical separation of sites in question and confirmed original determination of not eligible for the site the corridor passes through. DON responded to SHPO comments on 1/17/18. PAM 2 was delivered to SHPO on 2/15/2018 with comments due 3/26/18. 2019: Although design work ongoing, more revisions to construction footprint anticipated due to site constraints due to USGS Geomagnetism Laboratory instrumentation. 2019: PAM2 for construction was delivered to SHPO 8/23/2019. Details of corridor near eligible sites were included to demonstrate separation.
P-416	High School - Expand	Beyond FY19	TBD	TBD	TBD	TBD	future project
Unassigned	IT/Comm Phase 1	2019 ?	TBD	TBD	TBD	TBD	future project to be presented as J-200 Phase 2. Consultation in next reporting period
Unassigned	IT/Comm Phase 2	Beyond FY19	TBD	TBD	TBD	TBD	future project