

Programmatic Agreement Annual Report for 2021

Sterling Highway Milepost 45-60 Project

STP-F-021-2(15)/Z530140000



Prepared for:



Alaska Department of Transportation and Public Facilities,
Central Region

PREPARED BY

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The environmental review, consultation, and other actions required by applicable Federal environmental laws for this project are being, or have been, carried out by DOT&PF pursuant to 23 U.S.C. 327 and a Memorandum of Understanding dated November 3, 2017, and executed by FHWA and DOT&PF.

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Attachment B: Specimen Logs – Artifacts Collected During the 2021 Field Season
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Acronyms and Abbreviations

ACHP	Advisory Council on Historic Preservation
AHRS	Alaska Heritage Resources Survey
Booklet	soft-cover booklet
CIRI	Cook Inlet Region, Inc.
DOE	Determination of Eligibility
DOT&PF	Alaska Department of Transportation and Public Facilities
FHWA	Federal Highway Administration
Forest Service	U.S. Forest Service, U.S. Department of Agriculture
HDR	HDR, Alaska, Inc.
KIT	Kenaitze Indian Tribe
MOU	Memorandum of Understanding
MP	Milepost
NRHP	National Register of Historic Places
PA	Programmatic Agreement
PQI	Professional Qualified Individual
Project	Sterling Highway Milepost 45–60 Project
Publication	Professional Publication
SAM	Supervisory Archaeological Monitor
SHPO	State Historic Preservation Officer
SOL	Statute of Limitations
Treatment Plan	Amended Data Recovery/Historic Properties Treatment Plan
UAMN	University of Alaska Museum of the North
USFWS	U.S. Fish and Wildlife Service

1.0 Introduction

The Alaska Department of Transportation and Public Facilities (DOT&PF) is proposing to reconstruct and realign the Sterling Highway between Mileposts (MP) 45 and 60 (Project). The Project is funded by the Federal Highway Administration (FHWA) and is therefore considered a federal undertaking subject to Section 106 of the National Historic Preservation Act of 1966, as amended, and its implementing regulations found in 36 Code of Federal Regulations 800. The environmental review, consultation, and other actions required by applicable Federal environmental laws for this Project are being, or have been, carried out by DOT&PF pursuant to 23 U.S. Code 327 and a Memorandum of Understanding (MOU) dated November 3, 2017, and executed by FHWA and DOT&PF.

DOT&PF and FHWA have found, with concurrence from the Alaska State Historic Preservation Officer (SHPO), that construction of the Project will have adverse effects on historic properties, including sites associated with Alaska Heritage Resources Survey (AHRS) site KEN-00156/SEW-00282 (the “Squilantnu Archaeological District”). DOT&PF and FHWA have prepared a Programmatic Agreement (PA) to resolve those adverse effects (DOT&PF 2018). The PA was executed in March 2018 by the following Signatories: DOT&PF; FHWA; the Advisory Council on Historic Preservation (ACHP); the Alaska SHPO; the Kenaitze Indian Tribe (KIT); Cook Inlet Region, Inc. (CIRI); the U.S. Forest Service, U.S. Department of Agriculture (Forest Service); and the U.S. Fish and Wildlife Service (USFWS).

HDR, Alaska, Inc. (HDR), prepared this document under contract to DOT&PF in accordance with PA Stipulation IX, *Reporting and PA Review*, which requires DOT&PF to submit an Annual Report to the PA Signatories on the progress and implementation of the PA stipulations. Per this stipulation, DOT&PF is required to submit the Annual Report to the Signatories on or before January 31 each year. This Annual Report fulfills that obligation and addresses the following topics:

- Progress on construction of the highway;
- Progress in archaeological construction monitoring under Stipulation IV;
- Progress in mitigation measures under Stipulation V;
- Progress in artifact curation under Stipulation VIII;
- Problems or unexpected issues encountered during the year;
- Sequence and timeframe of future PA actions not completed in the reporting year; and
- Proposed modifications to the implementation of the PA.

2.0 Progress on Construction of the Highway

DOT&PF preconstruction efforts on behalf of the Project in 2021 included:

- Stage 1A (MP 56 – 58): DOT&PF’s clearing contractor focused heavily on rock excavation, installing slope reinforcement, building out subgrade, preparing for Fuller Creek re-alignment, and installing retaining walls that mitigate additional wetland impacts. This phase is anticipated to be completed in 2022.
- Advanced Clearing (Phases 3 & 4): As cultural pedestrian surveys were completed, the clearing contractor was able to continue clearing, including staging and disposal sites that will be used throughout the Project. The clearing contractor also continued to provide assistance to geotechnical drilling operations as needed. The Advanced Clearing project is complete.

3.0 Progress in Archaeological Construction Monitoring

According to PA Stipulation IV, *Archaeological Construction Monitoring*, the PA Signatories have identified areas where cultural resources are known or have a high potential to exist (see PA Appendix C, *Archaeological Monitoring Plan*). DOT&PF shall ensure that a Secretary of the Interior-qualified Supervisory Archaeological Monitor (SAM) will be on-site during earth-moving activities associated with excavation in these areas unless the SAM determines after field observations and consultation with the Signatories (in accordance with the *Archaeological Monitoring Plan*) that monitoring is not necessary.

The *Archaeological Monitoring Plan* outlines activities to be conducted prior to construction activities (PA Appendix C, *Archaeological Monitoring Plan*, Sections V.A.1–4). These activities are listed in Table 3-1.

Table 3-1. Archaeological Construction Monitoring Activities

Construction Monitoring Activities	Progress / Timeframe
<p>DOT&PF shall develop and distribute maps exhibiting areas that contain or have high sensitivity for cultural resources in Project ground-disturbing locations to Archaeological and Tribal Observers of the PA Signatories. Signatories and Monitors will have 60 days to provide comments on the archaeological sensitivity area maps.</p>	<p>Sensitivity maps were distributed to PA Signatories in January 2021 and were also included in the cultural awareness training packet.</p> <p>HDR updated the sensitivity maps based on the newest Project alignment and the results of the 2021 field effort. The revised maps are included as Attachment A.</p>
<p>DOT&PF or its qualified consultant shall acquire any necessary permits for conducting monitoring activities from the appropriate land managing agency and/or private landowner.</p>	<p>A monitoring permit was acquired from the Alaska Office of History and Archaeology for the 2021 field season by the SAM Paul Howard.</p>
<p>The DOT&PF Project Engineer, the DOT&PF Professionally Qualified Individual (PQI), Archaeological Monitor(s), and Tribal Observers shall organize and participate in a pre-construction meeting with the Construction Contractor and their subcontractors to explain the PA stipulations for the Project and the procedures to follow if Project personnel inadvertently discover or affect historic properties or human remains. The meeting will also discuss the roles and authorities of the Archaeological Monitor(s) and Tribal Observers.</p> <p>The DOT&PF PQI or the Supervisory Archaeological Monitor shall conduct cultural awareness training to ensure that construction personnel understand the terms of the PA and the types of resources that could be inadvertently discovered or affected during Project activities.</p>	<p>The pre-construction meeting was held on June 2, 2021 jointly with the cultural awareness training, as allowed under Appendix C, V.A.3. The pre-construction meeting was attended by DOT&PF (Project Managers and PQIs), the Construction Contractor and their subcontractors, KIT Tribal Archaeologist, and the SAM.</p>

Construction Monitoring Activities	Progress / Timeframe
<p>Archaeological Monitors will flag or guide the placement of construction fencing around historic properties as “avoidance areas” for construction personnel.</p>	<p>The SAM placed flagging around all known historic properties adjacent to work areas. Avoidance zones were erected around historic properties and discoveries in consultation with Tribal Observers and the clearing contractor.</p>

Archaeological monitoring was conducted by SAM Paul Howard working on behalf of Scarsella Brothers Inc. Monitoring commenced on June 2, 2021 within the Phase 1A of the project. Mr. Howard was accompanied by KIT Tribal Archaeologist Norma Johnson, KIT Tribal Observer Ruby Willoya-Williams, or KIT Tribal Observer Andrew Wilson during monitoring efforts. HDR archaeologists provided support to Mr. Howard, as needed. DOT&PF provided weekly monitoring summary reports to PA Signatories throughout the monitoring program (21 in total), in accordance with PA Stipulation IV.I.1. and Appendix C *Archaeological Monitoring Plan*. DOT&PF provided the Archaeological Monitoring Annual Report for Phase 1A to PA Signatories on January 21, 2022 for a ninety (90) day review and comment, pursuant to PA Stipulation IV.I.2.

Archaeological monitoring resulted in three inadvertent discoveries during construction monitoring:

1. June 7, 2021: DOT&PF notified PA Signatories that the SAM observed a depression (possible cache pit) on the north side of the highway near [REDACTED] that may be associated with site KEN-0092. The discovery site was secured with fencing until investigations were complete. Because the small depression (<2 meters) could not be avoided by the project, DOT&PF treated the discovery as eligible for inclusion on the National Register of Historic Places (NRHP) and found the depression would be adversely affected, in accordance with Appendix G.VIII. DOT&PF applied Appendix D.-5.1 *Field Methods* to complete recovery efforts. A *Cultural Resources Inadvertent Discovery Summary* was attached to *Archaeological Weekly Monitoring Memo #2* and distributed to Signatories on June 17, 2021.
2. August 13, 2021: DOT&PF notified PA Signatories that the SAM observed a hearth with fire-cracked rock, calcined bone, charcoal, and other materials near [REDACTED] that may have been associated with KEN-0092. The SAM exercised his professional judgement and placed fencing at an appropriate distance from the discovery to protect the finding from the construction activities. The fencing was maintained until data recovery was completed. Sean Teeter and Owen Ford of HDR visited the site, located the visible boundaries of the feature with high precision GPS, and concurred with the SAM’s finding that the feature is significant and located within the limits of the 1984 testing grid at the site. Because the site could not be avoided by the Project, DOT&PF treated the discovery as eligible for inclusion on the NRHP and found the site would be adversely affected, in accordance with Appendix G.VIII. DOT&PF applied Appendix D.-5.1 *Field Methods* to complete recovery efforts. A *Cultural Resources Inadvertent Discovery Summary* was attached to *Archaeological Weekly Monitoring Memo #21* and distributed to Signatories on October 29, 2021.

3. September 24, 2021: The DOT&PF notified Signatories of a possible undocumented feature at KEN-00092 by email and that the Department would continue investigating the questionable feature. Following the investigation completed on October 27, 2021 by HDR, and in consultation with the SAM, the Department concluded that the area in question was not previously recorded or noted during past investigations. On October 29, 2021, DOT&PF notified PA Signatories of the discovery. The DOT&PF treated the discovery as part of KEN-0092, which is eligible for inclusion in the NRHP. The additional depression will continue to be avoided by construction and testing was not necessary.

4.0 Progress on Mitigation Measures

PA Stipulation V, *Mitigation*, outlines the mitigation measures that have been identified in the PA. Table 4-1 lists each mitigation measure and its progress status or anticipated timeframe for completion.

Table 4-1. Progress in Mitigation Measures

Mitigation Measures	Progress / Timeframe
<p>FHWA and DOT&PF shall develop a Data Recovery/Historic Properties Treatment Plan in consultation with the Signatories. The Treatment Plan is to be updated following selection of the build alternative.</p>	<p>Appendix D- <i>The Data Recovery/ Historic Properties Treatment Plan</i> (Treatment Plan) was revised and submitted to Signatories in August 2021. A <i>Site Specific Treatment Plan</i> was included as Attachment B to the Treatment Plan.</p> <p>The final version of Appendix D was distributed to Signatories on December 2, 2021 for review and signature as an amendment.</p> <p>A PA Amendment Meeting is scheduled for February 14, 2022 to continue consultation.</p>
<p>DOT&PF shall complete data recovery fieldwork for historic properties identified in the Treatment Plan prior to construction activities that may adversely affect historic properties.</p>	<p>Site boundary delineation fieldwork, pedestrian survey, and data recovery were completed in 2021 according to the requirements of the Treatment Plan. Additional data recovery and field survey fieldwork is scheduled for 2022.</p>
<p>DOT&PF shall develop a professional publication (Publication) that compiles and summarizes available ethnographic, archaeological, scientific, and other literature, accounts, studies, and research products associated with the Sqilantnu Archeological District.</p>	<p>The Publication was drafted and submitted to the PA Signatories for review in 2021. Comments were received from USFWS and SHPO. Further development of the Publication will be investigated in 2022.</p>
<p>Based on the contents of the Publication described above, DOT&PF shall develop a public education booklet intended for the general public.</p>	<p>The public education booklet (Booklet) is scheduled for initial development in 2022.</p>
<p>DOT&PF shall prepare or sponsor the preparation of a formal NRHP nomination for the Sqilantnu Archeological District based on the results of the Publication.</p>	<p>The nomination process is scheduled for initial development in 2022.</p>
<p>DOT&PF and FHWA will work with PA Signatories during design to identify locations and content for Interpretative Signage.</p>	<p>Consultation will occur during design phase of the Project. DOT&PF anticipates that consultation will occur in 2023 – 2024, with implementation of the signage scheduled for 2026.</p>

Mitigation Measures	Progress / Timeframe
<p>DOT&PF shall coordinate with Signatories and provide funding for Dena'ina Oral Histories Digitization, including digitizing, translating, transcribing, publishing, and distributing previously acquired Dena'ina oral histories currently on cassettes, on CDs, and in written form.</p>	<p>Work has begun on the Dena'ina Oral Histories Digitization and the work is ongoing. An inventory of previous archival work is necessary to avoid duplication of previous efforts. DOT&PF will continue to coordinate with Signatories on the timeframe, although it is anticipated that this mitigation measure will be finalized in 2023.</p>
<p>DOT&PF shall re-investigate the adversely affected segment of the Bean Creek Trail located in the Direct Area of Potential Effects, the segment located at the temporary trail crossing, and the trail segment that would be permanently rerouted.</p>	<p>Completed during 2020 field survey.</p>
<p>DOT&PF shall ensure public access to and the continued usability of the Bean Creek Trail during construction.</p>	<p>To be conducted during construction.</p>
<p>DOT&PF shall reroute Bean Creek Trail, in coordination with the Forest Service, approximately 450 feet west of its current location. The alignment of the rerouted trail is subject to an archaeological survey to ensure that no archaeological sites would be impacted.</p>	<p>Rerouted trail alignment was surveyed during the 2020 field season. Bean Creek Trail will remain in the same location, although on a temporary gravel surface, until bridge construction begins in early 2024.</p>
<p>DOT&PF shall provide an interpretive display with a historic mining theme at the trailhead to be built west of the Juneau Creek Bridge for the Resurrection Pass Trail and along the Bean Creek Trail at a location determined by the Forest Service.</p>	<p>Display panels are to be installed at the time of trail and trailhead construction. DOT&PF will work with PA Signatories during design to identify locations and content for appropriate signage. DOT&PF anticipates that consultation will occur in 2023 – 2024, with implementation of the display scheduled for 2026.</p>

5.0 Progress in Artifact Curation

PA Stipulation VIII, *Curation*, outlines the curation guidelines for artifacts collected during the course of the Project. The Curation Plan is included as PA Appendix H. The Curation Plan clarifies ownership and disposition of artifacts and materials. It also addresses the disposition of artifacts, faunal materials, and/or samples that archaeologists collected for the Project, along with photographs, field notes, and other related materials from activities covered by the PA. Table 5-1 summarizes the procedures outlined in the Curation Plan.

Table 5-1. Artifact Curation Procedures

Curation Procedures	Progress / Timeframe
<p>Following selection of an alternative for the Project, the Data Recovery/Historic Properties Treatment Plan will be updated and will include information on the maintenance and treatment of collections prior to disposition at the University of Alaska Museum of the North (UAMN) or other approved curation facility.</p>	<p>To be completed following approval of Authority to Proceed through Final Plans, Specifications, and Estimate by FHWA.</p> <p>Maintenance and treatment information was added to Section 8.2 of Treatment Plan for PA Signatory review. No comments were received from PA Signatories on this section.</p>
<p>A curation agreement with the UAMN and the appropriate land-managing agency and/or owner will be developed. The curation agreement will follow the procedures outlined in the Curation Plan (Appendix H of the PA) regarding such matters as ownership, curation funding, and reporting.</p>	<p>The UAMN MOU Curation Agreement was used for 2021 Field Permits. Curation agreements for data recovery activities were part of 2021 permit applications.</p>
<p>DOT&PF and the UAMN have a MOU (DOT&PF 2013) in place regarding the curation of collections from State lands (included as Appendix H of the PA).</p>	<p>Per the MOU (II.A), the document reached the end of its 5-year review period in January 2019. DOT&PF and the UAMN reviewed the agreement and extended the MOU for an additional 10 years.</p>

5.1 Artifacts Collected During the 2021 Field Season

Specimens collected during the 2021 field season are included in Attachment B.

In order to use Project time and funds more efficiently, DOT&PF intends to store these artifacts in their current location so that they may be accessioned by UAMN with other artifacts expected to be recovered during later field seasons.

6.0 Problems or Unexpected Issues Encountered During the Year

- The COVID-19 pandemic resulted in complications to archaeological fieldwork during the 2021 season. Field staff followed all COVID-19 safety guidelines issued by the Centers for Disease Control, the State of Alaska, and DOT&PF. While necessary for safety guidelines, these requirements did add additional burdens in terms of time and logistics.
- Between September 9 – 10, 2021, HDR archaeologists conducted pedestrian survey and intended to verify the location and boundary of AHRS site SEW-00402 due to its proximity to the Project's footprint. While attempting to delineate the site boundary, five shovel tests were placed on a CIRI parcel, as the archaeologists thought they were still on Forest Service managed lands. All shovel tests were negative for cultural resources and the tests were backfilled. HDR discovered this oversight in early November as the GPS data for the field survey were being processed. Robyn Miller, HDR cultural resources lead, informed Suzanne Settle of the inadvertent access via email on November 9, 2021.
- Construction monitoring in 2021 was a Lump Sum contract during the first year of the Stage 1A project. DOT&PF and contractors found this unsatisfactory and going forward will support the monitoring task on a Time and Materials basis using an experienced local consultant.
- Early snowfall in September resulted in a premature end to the field season.

7.0 Progress on PA Actions

7.1 Annual Meeting

DOT&PF shall coordinate an annual Project Update Meeting with all parties to the PA to be held by the end of March 2022 (per PA Stipulation IX., *Reporting and PA Review*). DOT&PF shall notify the ACHP 30 days prior to the meeting. The ACHP may participate at its discretion.

- Project Update Meeting will be held via videoconference 60 days after the issuance of the Annual Report (March 31, 2022). Participants will be given 30 days advance notice of the meeting.

7.2 Mid-Year Meeting

DOT&PF shall coordinate a mid-year Project Update Meeting with all parties to the PA. This meeting will be held via videoconference; participants will be given 30 days' advance notice of the meeting.

7.3 Data Recovery and Other Field Efforts

The goal of data recovery is to recover data from the sites within the Project footprint through systematic archaeological excavation and analyses before partial or complete destruction of the sites' cultural remains by Project construction activities. Field efforts in 2021 included pedestrian surveys, subsurface site boundary delineation, archaeological monitoring, and data recovery. The results of the 2021 field survey and boundary delineation will be described in a fieldwork report that will be submitted to consulting parties in early February 2022. The *Draft Annual Data Recovery Report* will be submitted to PA Signatories within nine months following completion of data recovery, per PA Stipulation V.A.2.

Additional fieldwork activities are anticipated for the 2022 field season based on updated to the Project footprint and construction schedule.

7.4 Archaeological Construction Monitoring and Pre-Construction Meetings

As detailed in Section 3.0, prior to excavation in areas identified as highly sensitive for containing cultural resources, the DOT&PF Project Engineer, the DOT&PF PQI, Archaeological Monitor(s), and Tribal Observer(s) shall organize and participate in a pre-construction meeting with the Construction Contractor and subcontractors to explain PA stipulations, procedures for inadvertent discovery of or effects on cultural resources or human remains, and the roles of Archaeological Monitor(s) and Tribal Observers. The DOT&PF PQI or the SAM will also conduct on-site cultural awareness training to ensure that construction personnel understand the terms of the PA and the types of resources that could be encountered during Project activities. Prior to initiation of

construction activities, Archaeological Monitors will flag or guide the placement of construction fencing around historic properties as “avoidance areas” for construction personnel.

DOT&PF anticipates multiple contractors and pre-construction meetings to be held prior to construction on various Project segments. DOT&PF shall provide written and electronic notice to Signatories at least 15 days prior to the meetings. The pre-construction meetings will be held in conjunction with the on-site cultural resources awareness training. Avoidance areas shall be flagged prior to construction activities at the discretion of the Archaeological Monitor(s).

HDR updated the sensitivity maps based on the newest Project alignment and the results of the 2021 field effort. The revised maps are included as Attachment A.

7.5 Professional Publication

DOT&PF shall develop a professional publication that compiles and summarizes available ethnographic, archaeological, scientific, and other literature, accounts, studies, and research products associated with the Sqilantnu Archeological District. The Publication will be drafted within 2 years following the end of the Record of Decision Statute of Limitations (SOL) period. The SOL period ended November 5, 2018.

HDR, under contract to DOT&PF, has drafted the Publication and it has been submitted to the PA Signatories. Comments were received from USFWS and SHPO. Due to substantial comments from SHPO, development of the Publication will be revisited in 2022. It is anticipated that work will continue on the Publication in 2022. The Publication may undergo further revisions at the behest of the Alaska Journal of Anthropology editorial board prior to acceptance.

7.6 Public Education Booklet

Based on the contents of the Publication, DOT&PF shall also develop a soft-cover booklet (Booklet) intended for the general public. DOT&PF will coordinate with the Signatories and the Kenai Peninsula and Anchorage school districts to identify the State Educational Standards expectations, and for their recommendations on the Booklet and an associated compendium of school-appropriate learning aides.

- DOT&PF anticipates initial development of the Booklet will begin in 2022.

7.7 National Register of Historical Places Nomination

DOT&PF shall prepare a formal NRHP nomination for the Sqilantnu Archeological District based on the results of the Publication and provide it to the Russian River Land Act MOU Group.

- DOT&PF anticipates that initial development of the NRHP nomination will begin in 2022.

7.8 Cultural Awareness Training

Prior to the initiation of construction activities on the Project, the DOT&PF Project Engineer, the DOT&PF PQI, Archaeological Monitor(s), and Tribal Monitors shall organize and participate in a pre-construction meeting with the Construction Contractor and their subcontractors to explain PA stipulations for the Project and the procedures to follow if Project personnel inadvertently discover or affect historic properties or human remains and to discuss the roles of the Archaeological Monitor(s) and Tribal Monitors.

- HDR, under contract to DOT&PF, provided this training by video during 2021, both as a response to the COVID-19 pandemic and so that construction contractors and subcontractors could include Cultural Awareness training with their other training courses. The video was provided to construction contractors on June 2, 2021 by SAM Paul Howard, Principal Investigator Robyn Miller, PQI Mark Rollins, and Tribal Observer Norma Johnson.
- HDR, under contract to DOT&PF, anticipates conducting Cultural Awareness training by video for the 2022 season in early spring 2022.

7.9 Installation of Interpretive Signage

DOT&PF and FHWA will work with PA Signatories during design to identify locations and content for appropriate signage (e.g., notification that travelers are entering an historic district, interpretive signage at pull-outs or trailheads) and will erect agreed-to signage during construction.

- DOT&PF has not begun work on this PA action.

7.10 Dena'ina Oral Traditions Digitization

Organization and inventory of the Kenaitze archives began in January 2021. It is clear that it has been attempted many times before but never completed. No accurate notes or plans had been left behind by previous attempts by those archivists. A complete inventory must be taken to fully understand where things stand and what still needs to be done so that previous digitizing is not duplicated. KIT archives houses at least nine different media types and hundreds if not thousands of hours of language, cultural events, elder interviews and tribal meetings.

At this time, DOT&PF is working with KIT to complete a scope of work to finalize the inventory and digitization of the collection. Over 200 files are in queue to be cross checked to the recreated catalog.

8.0 Proposed Modifications to the Implementation of This PA

DOT&PF submitted an initial request for Amendment to the PA Appendices to Signatories for review and comment on September 1, 2021. Comments were received from the SHPO, KIT, USFWS, and CIRI. Amendments to the appendices were subsequently updated and included in DOT&PF's letter dated December 2, 2021. Following consultation with several Signatories, the DOT&PF agreed to extend the review and signature deadline by two weeks, to January 14, 2022. The DOT&PF received comments or signatures from all required Signatories by the extended timeline of January 14, 2022.

The common themes among comments received included the following: amendment of the PA (both the body and appendices); clarify the lead agency (DOT&PF); amending Appendix D Data Recovery/ Historic Properties Treatment Plan; revised finding of effect; and a plan for future project changes. DOT&PF will address these themes and other amendment issues through continued consultation with Signatories.

A PA Amendment Meeting was held February 14, 2022.

9.0 Effects Analysis

The DOT&PF made determinations of eligibility (DOEs) for 14 sites on May 19, 2021, along with itemized effects by site and a continued finding of adverse effect on historic properties for the Project as a whole.

DOT&PF provided additional information for the DOEs on October 25, 2021, along with a continued finding of adverse effect on historic properties, including contributing elements to the Sqilantnu Archaeological District (KEN-00156/SEW-00282), and attached a running list of sites in a table that included itemized effects.

DOT&PF again provided additional information on DOEs on December 9, 2021, along with a continued finding of adverse effect on historic properties, including contributing elements to the Sqilantnu Archaeological District (KEN-00156/SEW-00282), and stated that an effects analysis would be included in the PA Annual Report.

DOT&PF finds that the Project will continue to have an adverse effect on historic properties, including contributing elements to the Sqilantnu Archaeological District (KEN-00156/SEW-00282)¹. The Effects Analysis Table is included as Attachment C to this report.

10.0 PA Signatory Contact Information

DOT&PF added Table 10-1 to this Annual Report in order to ensure that current contact information is acquired from all parties. The PA Signatories are asked to review this table and provide corrected information (or names of additional individuals who need to be added to the distribution list) to DOT&PF.

¹ The PA was established to govern the resolution of adverse effects due to anticipated complex project situations [36 CFR 800.14(b)]. Although the sites listed in the Effects Analysis Table are subject to change throughout the life of the Project, effects on historic properties are similar and repetitive. As such, the finding of adverse effect for the Project as a whole remains unchanged, and the PA will continue to be used to mitigate adverse effects. Itemized effects to sites will be updated annually in in the Effects Analysis Table to be included in the PA Annual Reports.

Table 10-1. PA Signatory Contact List

Agency / Entity	Name and Title	Address	Phone	Email
Advisory Council on Historic Preservation	[REDACTED]	[REDACTED]		[REDACTED]
Alaska State Historic Preservation Officer	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Chugach National Forest, U.S. Forest Service	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
	[REDACTED]	[REDACTED]		[REDACTED]
	[REDACTED]	[REDACTED]		[REDACTED]
	[REDACTED]	[REDACTED]		[REDACTED]
Cook Inlet Region, Inc.	[REDACTED]	[REDACTED]		[REDACTED]
	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Department of Transportation and Public Facilities	[REDACTED]	[REDACTED]		[REDACTED]
	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

Agency / Entity	Name and Title	Address	Phone	Email
	[REDACTED]		[REDACTED]	[REDACTED]
	[REDACTED]			[REDACTED]
Federal Highway Administration	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
	[REDACTED]		[REDACTED]	[REDACTED]
	[REDACTED]			[REDACTED]
Kenai Natives Association, Inc.	[REDACTED]			[REDACTED]
Kenaitze Indian Tribe	[REDACTED]	[REDACTED]		[REDACTED]
	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
	[REDACTED]	[REDACTED]		[REDACTED]
	[REDACTED]	[REDACTED]		[REDACTED]
	[REDACTED]	[REDACTED]		[REDACTED]
	[REDACTED]	[REDACTED]		[REDACTED]
U.S. Fish and Wildlife Service Regional Office	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
	[REDACTED]			[REDACTED]
	[REDACTED]			[REDACTED]

11.0 References Cited

DOT&PF (Alaska Department of Transportation and Public Facilities)

2013 Memorandum of Understanding between the Department of Transportation and Public Facilities and the University of Alaska Museum of the North Fairbanks, Alaska. Updated January 31, 2019.

2018 Final Section 106 Programmatic Agreement for the DOT&PF Sterling Highway Milepost 45-60 Project. Project No. STP-F-021-2(15)/Z530140000. March.

Teeter, Sean, Kris Farnen, Kaitlyn Hosken, Robyn Miller, Hollis Reddington, and Travis Shinabarger

2020 Cultural Resources Investigations Report DOT&PF Sterling Highway MP 45–60 Project Kenai Peninsula Borough, Alaska. April 2021. Prepared by HDR Alaska, Inc., for Alaska Department of Transportation and Public Facilities, Central Region, Anchorage, AK.