

Annual Monitoring Report

Alaska Federal-Aid Highway Program Section 106 PA October 1, 2021 - September 30, 2022

Prepared by the
Alaska Department of Transportation & Public Facilities
Statewide Environmental Office

for submission to the
Federal Highway Administration Alaska Division,
the Advisory Council on Historic Preservation, and
the Alaska State Historic Preservation Officer



May 15, 2023

Table of Contents

1.0	Introduction.....	1
2.0	Summary of Undertakings Processed under the 106 PA.....	2
2.1	Project Totals and Comparisons by Type	2
2.2	Project Listing Information.....	6
3.0	Program Observations.....	7
3.1	Ongoing Pandemic Adjustments and Adaptations	7
3.2	Accomplishments.....	8
3.3	Administrative Documentation Requirements.....	8
3.4	Emergency Situations	8
3.5	Post-Review Discoveries	9
3.6	PQI Staffing and Approval Role under the PA.....	9
3.7	Project Updates	11
3.8	Public Objections.....	11
3.9	Resolution of Adverse Effects	12
3.10	Semiannual Tracking Reports of Tiers 1 and 2 Submittals	12
3.11	Recommendations from Project Review (Appendix 2).....	12
4.0	Assessment of Agreement and Recommendations for Continued Implementation	14
4.1	Annual Program Review Meeting	14
4.2	Overall 106 PA	14
4.3	National Environmental Policy Act (NEPA) Assignment Program.....	15
4.4	Historic Roads Consideration	15
4.5	Updates to Programmatic Allowances Streamlined Reviews.....	15
4.6	Geotech Investigations.....	16
4.7	Training Requirements.....	16
4.8	STIP Funding.....	17
5.0	Conclusion	17

Appendix 1: Project Lists

Appendix 2: Program Monitoring: Project Review

Appendix 3: Program Monitoring Review Checklists

1.0 Introduction

This report summarizes the Alaska Department of Transportation & Public Facilities' (DOT&PF) Federal Fiscal Year (FFY)22 implementation of the *First Amended Programmatic Agreement Among the Federal Highway Administration, the Advisory Council on Historic Preservation, the Alaska State Historic Preservation Officer, and the Alaska Department of Transportation and Public Facilities Regarding Implementation of Section 106 of the National Historic Preservation Act for the Federal-Aid Highway Program (FAHP) in Alaska* (106 PA), executed November 1, 2017¹.

DOT&PF has assumed the Federal Highway Administration's (FHWA)'s responsibility for environmental reviews (including Section 106 reviews) for FAHP projects under the 23 U.S.C. 327 NEPA Assignment Program (NEPA Assignment Program) as outlined in a Memorandum of Understanding (MOU).² Under this program, the FHWA retained responsibility for government-to-government (G2G) consultation with Tribes. NEPA Assignment Program projects are referred to in this report as "assigned projects" while any FAHP projects excluded from these programs in the past are referred to as "non-assigned projects." During FFY22, all projects processed under the 106 PA were assigned projects.

The 106 PA recognizes the DOT&PF's existing assumption of Section 106 responsibility for assigned projects.³ The 106 PA also creates a streamlined review process for Programmatic Allowances, which are undertakings that have low potential to affect historic properties. Programmatic Allowances fall into two tiers, Tier 1 and Tier 2, and must meet specified conditions to qualify for streamlined review. These reviews are carried out internally and documented by the DOT&PF cultural resources staff, who are professionally qualified individuals (PQIs) meeting the Secretary of the Interior's Professional Qualifications Standards. This review process is outlined in the 106 PA's Appendix B.⁴ Projects that do not qualify for streamlined review are processed through standard Section 106 consultation, described in Appendix D of the 106 PA.

¹ This agreement replaced the October 14, 2014 *Programmatic Agreement Among the Federal Highway Administration, the Advisory Council on Historic Preservation, the Alaska State Historic Preservation Officer, and the Alaska Department of Transportation and Public Facilities Regarding Implementation of Section 106 of the National Historic Preservation Act for the Federal-Aid Highway Program (FAHP) in Alaska* (2014 106 PA).

² *Memorandum of Understanding between Federal Highway Administration and the Alaska Department of Transportation and Public Facilities concerning the State of Alaska's Participation in the Surface Transportation Project Delivery Program Pursuant to 23 U.S.C. 327.* (For more details on the NEPA Assignment Program, see <http://www.dot.state.ak.us/stwddes/desenviron/resources/nepa.shtml>.) Prior to the NEPA Assignment Program, DOT&PF operated under a previous assignment program delineated in a 2015 *Memorandum of Understanding between Federal Highway Administration Alaska Division, and the Alaska Department of Transportation and Public Facilities, State Assumption of Responsibility for Categorical Exclusions*. This earlier program was referred to as the 6004 program, as seen in previous Section 106 PA Annual Reports.

³ In addition, the 106 PA delegates most aspects of the FHWA's role in the Section 106 process to the DOT&PF for FAHP projects that may not be covered under the NEPA Assignment Program.

⁴ Projects qualifying for streamlined review as Programmatic Allowances must meet criteria detailed in 106 PA *Appendix B*, including all relevant conditions. Under both Tiers, projects are screened by PQIs, with Tier 2 projects requiring additional screening and conditions. Projects with a combination of Tier 1 and Tier 2 activities are considered Tier 2 projects.

The 106 PA requires the DOT&PF Statewide Environmental Office (SEO) to conduct annual program monitoring and prepare an annual report. This report, prepared to satisfy those requirements, includes: 1) summaries and complete lists of the undertakings processed under the 106 PA; 2) program review observations; and 3) recommendations for improving implementation of the agreement.

This report covers the federal fiscal year period from October 1, 2021 through September 30, 2022, and fulfills the annual reporting requirement under *Stipulation IX.D.2*.

2.0 Summary of Undertakings Processed under the 106 PA

This summary is prepared from an electronic database which was established by the SEO in December 2014 to provide statewide tracking information on compliance with Section 106 and the Alaska Historic Preservation Act (AHPA). The Section 106/AHPA database focuses on collecting information to satisfy reporting requirements, and it is not intended to replace necessary documentation in project files. The database is structured with a records folder for each region and the SEO. Each PQI enters data as various federal and state projects are processed.

2.1 Project Totals and Comparisons by Type

Altogether, 123 project reviews were completed under the 106 PA (see Table 1 and Figures 1 through 4). The total consists of projects which had Section 106 reviews completed during the reporting year.⁵ Review totals also include updates to previously processed projects, when a re-evaluation or change in proposed work necessitated further Section 106 consideration.

The summary in Table 1 is sorted by the type of review process applied. Note that all projects processed under the 106 PA during the FFY22 reporting year were assigned under the NEPA Assignment MOU. The “Streamlined Reviews” column refers to projects qualifying for Programmatic Allowance Tier 1 or Tier 2. The “Standard Consultation” column refers to the remaining projects which followed the Section 106 process under Appendix D.

Table 1: Number of Project Reviews Completed Under 106 PA

Project Review Applicable Tier or Finding	Streamlined Reviews	Standard Consultation	Total
Tier 1	7		7
Tier 2	90		90
No Historic Properties Affected		17	17
No Adverse Effect		7	7
Adverse Effect		2	2
Total	97	26	123

Figures 1 through 3 present numbers and percentages for the Alaska FAHP as a whole.

⁵ In the FFY15- FFY21 report tallies, undertakings, or “projects” were defined as those having a completed Section 106 action: either a streamlined review, or a standard consultation finding. If a project had more than one completed Section 106 action in the reporting period, each was counted for reporting purposes. The FFY22 report retains this approach.

Figure 1. Federal-Aid Projects by Finding

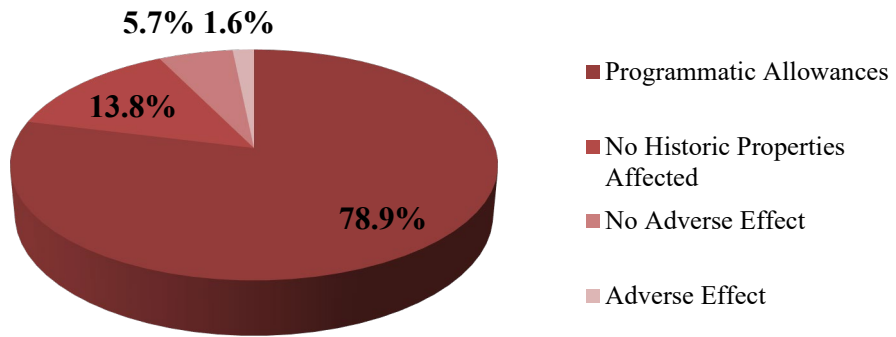


Figure 2. Federal-Aid Projects by Programmatic Allowance Tier

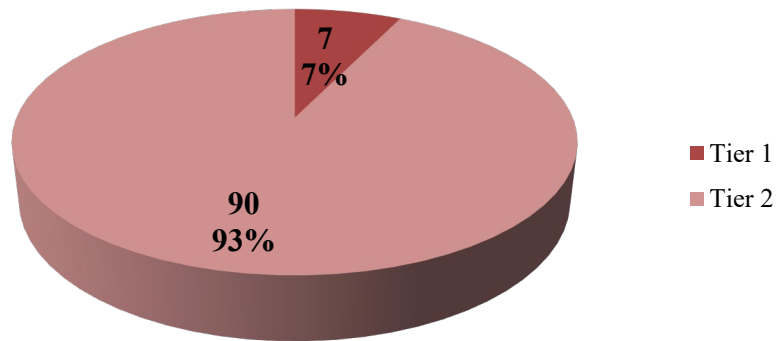
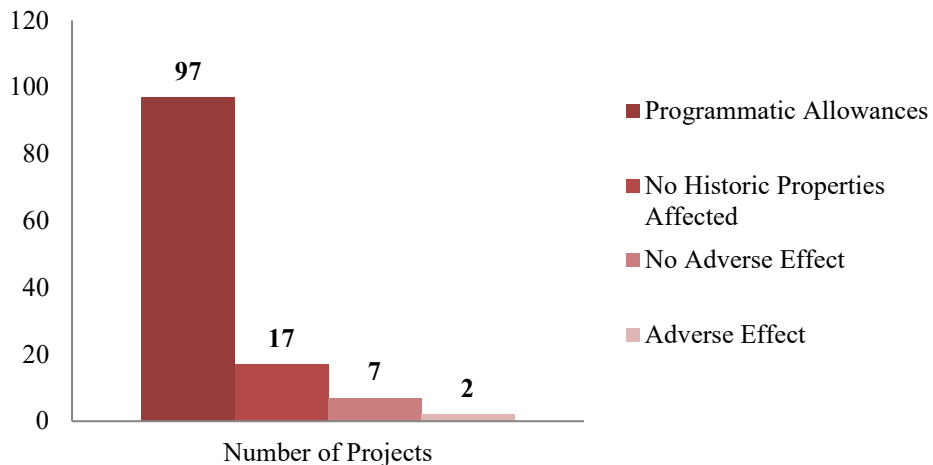


Figure 3. Federal-aid Projects by Finding



The Section 106 consultations for the overall Alaska FAHP resulted in 17 findings of No Historic Properties Affected, 7 findings of No Adverse Effect, and 2 Adverse Effect findings. The number of projects with a completed Section 106 action under the 106 PA was up slightly from the last two pandemic years.

Similar to other years' reporting results, in FFY22 there was a larger proportion of streamlined review projects (97) than Section 106 consultations (26). The overall percentage of streamlined reviews was 79% of the total project reviews under the 106 PA. During the early years under the 106 PA, the percentage of streamlined reviews ranged from 58% to 67%, and in the past three years has been 74%, 76%, and 74% respectively. Most of the FFY22 streamlined reviews qualified under Tier 2 (93%), which was higher than previous years (FFY15 [72%], FFY16 [66%], FFY17 [65%], FFY18 [73%], FFY19 [80%], FFY20 [77%] and FFY21 [76%]). This preponderance of Tier 2 projects within the streamlined review category reflects that it is more common for minor scope projects to exceed Tier 1 limitations because they also provide modest design improvements, which triggers Tier 2 review.

Tier 2 allows certain listed projects to be processed after PQI review of applicable conditions, including location-specific conditions. Some projects may not qualify for Tier 2 and must proceed to standard consultation. Because Tier 2 qualification depends on this case-by-case review, the proportion of projects that qualify for streamlined review was expected to vary moderately from year to year depending on individual project locations.

Out of the 123 total projects completed during the reporting year, 56 were updates of projects that had undergone Section 106 review at various times in the past. Of these 56, 15 were updated through standard consultation and 41 were updated through streamlined review. Table 2 shows how these updates compare to the total numbers of projects processed by each method.

Table 2: Project Updates Compared to Total Projects

Update Type	# Updates Processed	Total Projects (Updates + New)	Updates as Percent of Total Projects
Standard Consultations	15	26	58%
Streamlined Reviews	41	97	42%
Combined Total	56	123	46%

Figure 4 represents the proportion of updates compared with the total numbers of projects.

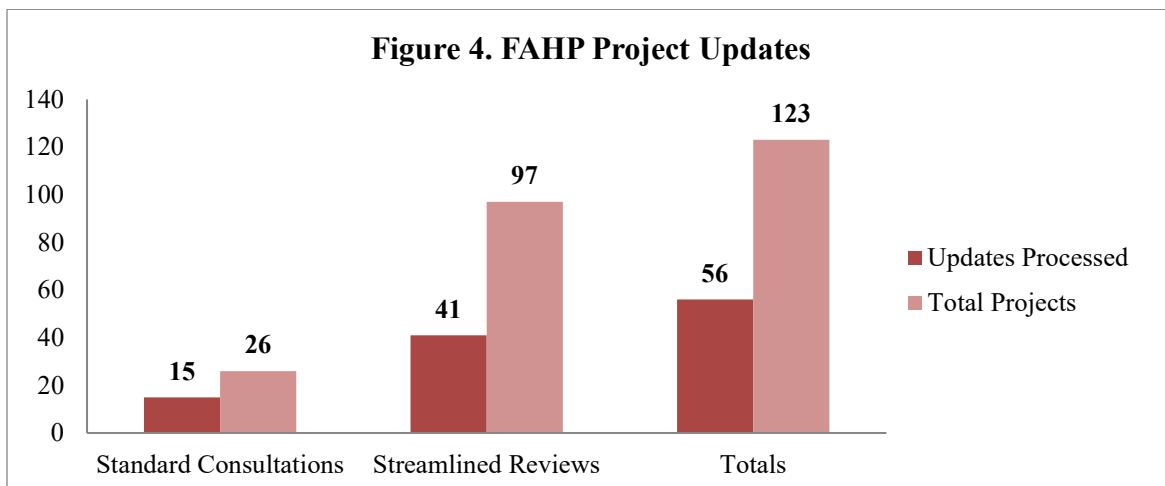
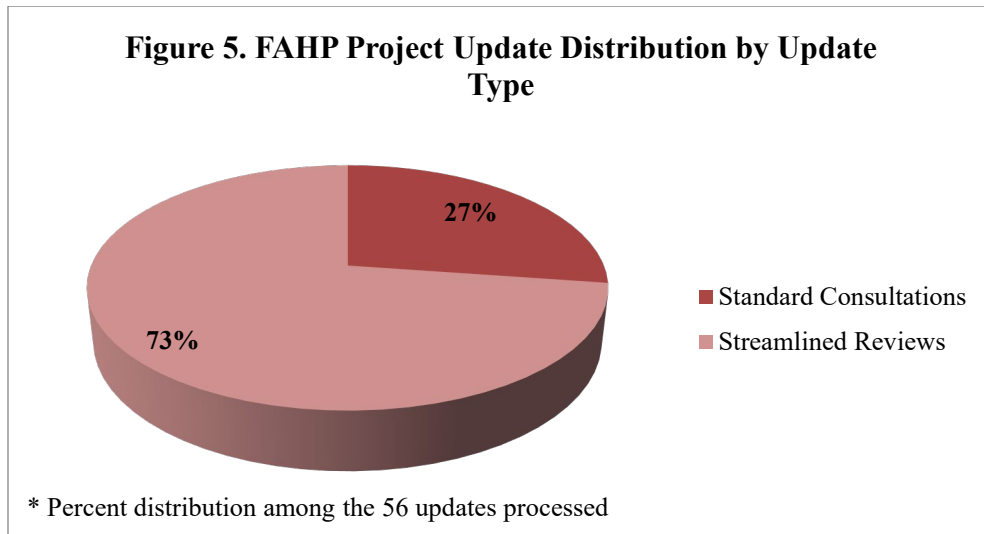
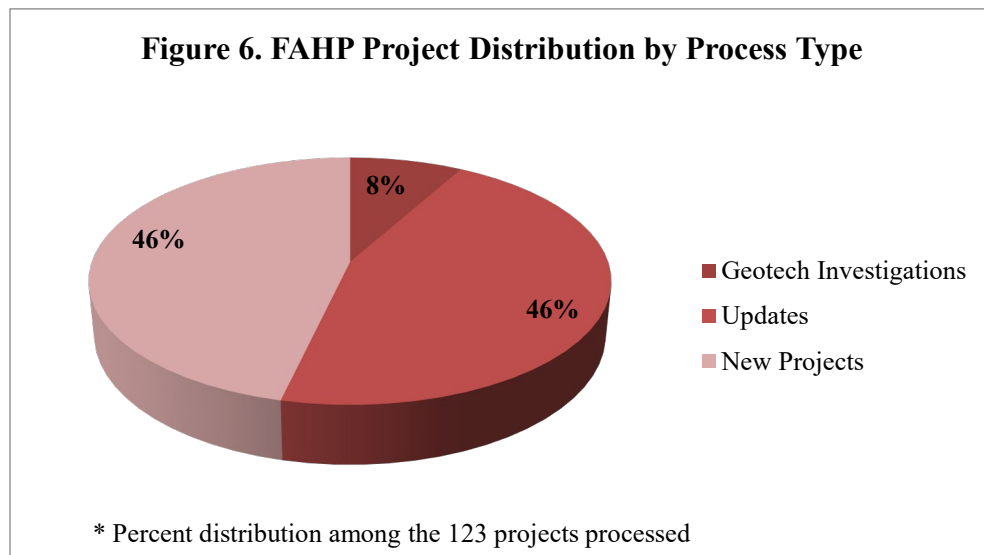


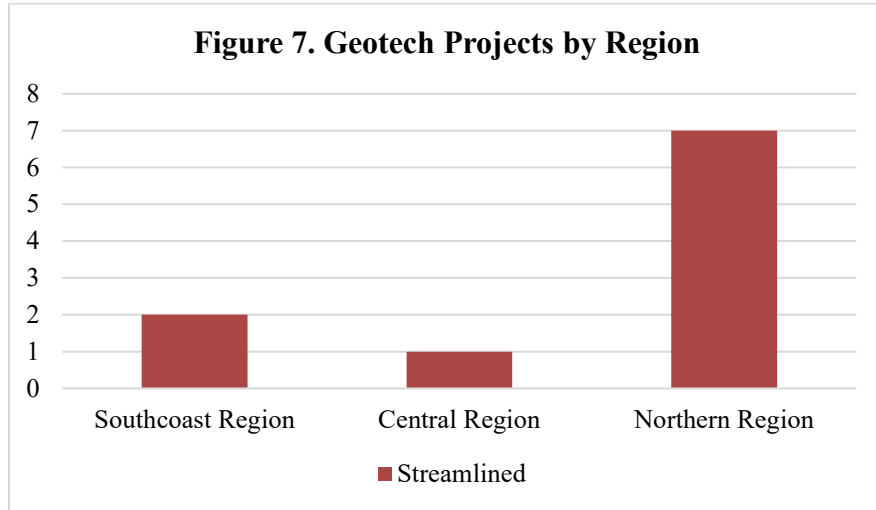
Figure 5 compares the set of updated projects according to the method used for the update.



These re-evaluations and updates represent a significant portion of all projects processed under the 106 PA during the reporting year, accounting for 46% of all projects, and over a third (42%) of all streamlined reviews. The reduced processing timelines for updates that qualify for streamlined review continues to be beneficial when modest design adjustments occur following the initial Section 106 review.

A time savings is also gained when using streamlined reviews for geotechnical (geotech) investigations. The Appendix B Tier 2 list allows geotech investigations which meet the applicable conditions to proceed as streamlined reviews. Geotech projects accounted for 8% of the total projects processed during FFY22 (Figure 6). Of the ten standalone geotech investigations processed, all qualified for streamlined review (Figure 7). In terms of streamlined review, geotech projects accounted for 10 percent of all projects processed with programmatic allowances.





2.2 Project Listing Information

Complete lists of projects processed under the 106 PA for each of the three regions and the SEO are enclosed in Appendix 1. The lists are divided into streamlined and standard consultation groups, and then subdivided by region.

Lists provide the following information:

- Project Name
- Alaska State Accounting System (AKSAS) Number
- Federal Project Number
- Project Type: identifies program assignment (i.e., “FHWA assignable” or “FHWA non-assignable”)
- Process Type (new project, update, or geotech)
- Project Description

Streamlined project lists also include:

- Applicable Tier 1 and 2 Activities: The alpha-numerical entries in this column identify specific project activity classifications from the tables of the *Appendix B Programmatic Allowances*.
- Review Screening Record Approval Date: indicates the PQI signature date of screening approval (documented in the project file on the Streamlined Project Review form of the 106 PA *Appendix C*).

Standard consultation project lists indicate:

- Project Finding
- Finding Letter Date

Since the 106 PA also requires semiannual reporting of streamlined projects under *Stipulation IX.D.1.a*, during FFY22 DOT&PF had previously submitted two *Semiannual Tracking of Tiers 1 and 2 Undertakings* reports to the FHWA and the State Historic Preservation Officer (SHPO) covering October 1, 2021 to March 31, 2022, and April 1, 2022 to September 30, 2022. The streamlined project portion of the lists appended to this report is a compilation of these previously submitted semiannual lists.

3.0 Program Observations

This year's program review reporting is based on information gathered from the statewide database, and from ongoing communication with PQIs, including cross-regional coordination through the Cultural Resources Team (CRT) during the year. The CRT consists of the DOT&PF Statewide Environmental Program Manager and the PQIs from each of the three DOT&PF regions and the SEO. The Cultural Resources Liaison from the Office of History and Archaeology (OHA) is also a member. The CRT meets monthly via teleconference to discuss Section 106 processing issues and DOT&PF cultural resources management program goals.

In addition, a more detailed review was also carried out on a randomized selection of projects, to assess conformance with procedures and adequacy of documentation. Twenty-five projects were selected for monitoring review. The number chosen for review reflects approximately 20% of the total processed during the reporting period. The results are presented in Appendix 2. A summary is included at the end of this section.

3.1 Ongoing Pandemic Adjustments and Adaptations

In March 2020, the worldwide COVID-19 pandemic altered the way work was carried out on a broad scale. DOT&PF and other departments at the State of Alaska widely adopted the use of video communications and screensharing technology to aid in geographically dispersed team communications. This proved useful for collaborating to keep projects moving ahead, and has become a prime communication mode. During the pandemic, leadership recognized the productivity that could be achieved in remote situations by staff, and developed new strategies to allow staff to design hybrid workplans which involve a combination of in-office time and telework time. Many DOT&PF employees chose to adopt a hybrid schedule, while others chose to return to the office full-time.

The new hybrid work environment has presented some challenges for onboarding new staff. For new environmental staff, learning the ropes during remote or hybrid on-boarding can be complicated by needing to learn an organization's structure, protocols, and sources of assistance, in the absence of more traditional opportunities for gaining that insight from co-workers in person, 5 days a week. For new staff, SEO dedicated some SEO PQI and NEPA manager staff time to assist them in learning the specifics of DOT&PF Section 106 procedures. As noted later in Section 4.7, a distance-delivered training session was presented for analysts, PQIs, and project managers covering the general Section 106 process and the Section 106 PA, in December 2022.

Also in response to the pandemic, in March 2020, the Alaska SHPO invoked tolling regarding the review timelines outlined in 36 CFR 800. Under tolling, the 30-day regulatory clock that would allow agencies to proceed with an undertaking following non-response after 30 days is suspended and SHPO would be allowed to comment beyond that timeframe. SHPO remained in tolling status throughout the FFY22 reporting year, but aimed to adhere to the reduced review timelines laid out in the FHWA Liaison MOU⁶ as much as possible. As such, tolling did not affect DOT&PF reviews during the fiscal year, with SHPO largely able to meet the timelines specified in the MOU.

⁶ *Memorandum of Understanding Among the Federal Highway Administration, the Alaska Department of Transportation and Public Facilities, and the Alaska Department of Natural Resources Office of History and Archaeology Regarding the Provision of a Cultural Resources Liaison*, Sept. 2017.

3.2 Accomplishments

General PA Operation

Overall, DOT&PF continues to operate successfully under the 106 PA to efficiently and effectively advance project development. PQIs and analysts are familiar with the 106 PA, and other DOT&PF staff continue to grow in knowledge of PA processes. Region PQIs, SEO, and the OHA Cultural Resources Liaison coordinate when implementation questions arise on individual projects.

Section 106/AHPA Electronic Database

The electronic Access database was created in late 2014 to track Section 106 processing under the 106 PA, and can also be used to track Section 106 or AHPA outcomes for other DOT&PF projects (state and other federal agency funded). PQIs enter project reporting information for their respective regions. The database has been a helpful tool in developing the semiannual reports and this annual report. SEO reviews draft reporting information with each PQI for quality control prior to finalizing project lists for these reports.

In November 2020, DOT&PF implemented a NEPA electronic database and file storage system referred to as the DOT&PF BPM system. DOT&PF is also working on a Section 106 component for the BPM system to replace the existing Section 106 Access database. Once implemented, this component would allow for the creation of streamlined review forms within the system and for standard consultation data entry. Reports and queries would be generated within the system to allow for tracking and analysis. However, the development and implementation of the BPM's Section 106 component was delayed during FFY22, and pushed forward into FFY23. Once the development process has been re-activated, DOT&PF plans to consult with FHWA and SHPO on layout adjustments to the streamlined review form prior to implementation of the BPM 106 component.

OHA Project Funding

Under 106 PA *Stipulation III.B.7*, DOT&PF pursued Federal-Aid Highway Program funding for maintenance and continued development of the Alaska Heritage Resources Survey (AHRs) database and for the OHA Cultural Resources Liaison position.

3.3 Administrative Documentation Requirements

Stipulation V.B of the 106 PA states that copies of streamlined review forms for region projects will be sent to Regional Environmental Managers (REMs) and SEO PQIs, and to the region PQI in the case of statewide projects. Consultation letter templates indicate that an SEO PQI is to be copied on the letter and enclosures.

3.4 Emergency Situations

Two emergency situations occurred during the current reporting year.

In July 2022, a strong storm system moved across the Eastern Interior of Alaska producing thunderstorms with downpours at once-in-500-year rates, causing flooding impacting the Richardson Highway from MP 208-234. This included damage to the roadway and bridges.

In September 2022, the remnants of Typhoon Merbek struck the western coast of Alaska. This powerful sea storm produced hurricane force winds, massive 50-foot-high sea waves, and record

wind-driven storm surges resulting in severe and widespread coastal flooding and wind damage. Damaged DOT&PF facilities included infrastructure in Nome and Teller. (Response to damage to other infrastructure and property was handled through other agencies such as FEMA.)

In both cases, DOT&PF PQIs informed SHPO of the emergency event and coordinated closely with regional personnel on the response efforts.

3.5 Post-Review Discoveries

One project which is operating under a project PA (Sterling Highway MP 45-60)⁷ addresses discoveries during archaeological monitoring under separate reporting protocols in that PA, and is not discussed here.

A project in another region encountered human remains in April 2022. Construction halted immediately. The project manager followed protocols for coordination with State Medical Examiner (SME), SHPO, and consultation with Tribes, with the assistance of the region PQI, SEO PQI and REM. A treatment plan was developed in consultation with the Tribes. A second find occurred elsewhere on the project in May 2022, initially inconclusive as to identification, with similar protocols followed. The second find was later identified as not human. The human remains were returned to the Tribes and scientific analysis is progressing as agreed upon through consultation.

Other post-review discoveries were archaeological. One of these, a discovery of a buried 8” pipe segment, occurred in September 2022 at the end of the reporting year during deep culvert work on a project. The discovery was reported to SHPO in accordance with protocols. In consultation with SHPO, DOT&PF arranged to provide photographs and location and condition information for the pipe. The region PQI noted that it was unclear whether the find was likely to be part of the former Haines Fairbanks Pipeline (HFP), due to its discovery away from the HFP’s historical location. The PQI also researched the HFP’s previous NRHP status and noted that individual pipe segments alone had not previously been determined eligible for the NRHP. DOT&PF provided the requested documentation and the discovery was resolved.

Another post-review discovery occurred on a project when a portion of a long linear feature was encountered during construction in June 2022. The eligibility for this linear feature, and its various surviving portions, was not clear in the AHRS database. In this case, the PQI communicated with SHPO and the land managing agency to provide information on the discovery.

3.6 PQI Staffing and Approval Role under the PA

The 106 PA Stipulation II.A notes that the DOT&PF commits to employing PQIs at each of the three regions and the SEO. Appendix E defines the DOT&PF PQI professional qualifications and lists training requirements. Training is discussed further in Section 4.7.

⁷ *Programmatic Agreement Among the Federal Highway Administration; the Alaska Department of Transportation and Public Facilities; the Advisory Council on Historic Preservation; the Alaska State Historic Preservation Officer; the United States Fish and Wildlife Service; the United States Forest Service; the Cook Inlet Region, Inc; and the Kenaitze Indian Tribe Regarding the Sterling Highway Milepost 45-60 Project STP-F-021-2(15)/Z530140000*, March 2018.

The 106 PA *Stipulation IX.A.2* and Appendix E require PQI approval of Section 106 project documentation. All Section 106 reviews undertaken by the DOT&PF under the 106 PA are executed by the PQIs. PQIs sign all initiation and findings letters as well as all streamlined review forms. They review the accompanying materials and assist project teams in coordination with cultural resources consultants to prepare surveys and Section 106 documentation.

This stipulation and appendix also require that when the PQI responsible for project review requires cultural resource expertise outside his/her area of specialty, he/she must either consult with a different PQI who has that expertise, or request assistance from OHA staff. The PQIs have contacted OHA throughout the reporting year, as appropriate. The FFY22 monitoring review included a checklist question on this topic; no issues were observed. This topic will continue to be included in the annual refresher training.

During this reporting year, two of the three regions were able to rely on experienced PQI staff. Central Region (CR) maintained its team of two PQIs, but did encounter a workload challenge when one of the PQIs was on long-term leave. Northern Region (NR) presently has two PQIs, one who served as PQI throughout the reporting year, along with a second who returned to DOT&PF from another agency part way through the year.

The Southcoast Region (SR) experienced turnover with its single PQI position, with a new PQI being hired and trained during the last few months of the reporting year. During a gap when that region did not have a PQI, SEO PQIs assisted SR, taking the lead on various Section 106 consultations and streamlined reviews. SEO also assisted the region REM with on-the-job training for the new PQI. Subsequently, early in the FFY23 reporting year, the PQI position was vacated again when the new employee left state service. The SEO again stepped in to assist with the PQI role for FAHP projects in that region, to the extent feasible, but some project timelines have been impacted. In order to increase the candidate pool, the region opened the position up statewide, with the option for an employee to work remotely in Fairbanks or Anchorage, or telework, which resulted in a successful recruitment. SEO is currently assisting the region with the new PQI's training.

The SEO also had turnover in its cultural resource specialist/PQI position, with an incumbent departing in October 2021, and a new PQI with external experience joining the team in February 2022. SEO's NEPA Manager/PQI stepped in for additional assistance with SEO cultural resources responsibilities during this time period.

Even when all existing positions are fully staffed, PQI workloads are considerable, extending beyond FAHP projects to include cultural resources assistance to multiple other programs, such as FAA and State projects. PQIs, SEO (and some REMs) have expressed concern that in the coming years, anticipated project work from the Infrastructure Investment and Jobs Act will exceed the capacity to carry it out. While this challenge has yet to be resolved, the topic of consultant assistance is sometimes raised, and briefly discussed below.

While consultants are invaluable for completion of field studies and cultural resources support, consultant products require careful review by PQIs, review that is sometimes extensive and iterative depending on the experience and skill level of the consultant. Experience has shown these are time consuming reviews. This has always been the case, but over the past reporting

year, PQIs have encountered more review challenges than ever, particularly as consultant firms address their own staffing situations, bring on new staff, and fill expertise gaps. While some of the DOT&PF's cultural resource consultants have maintained expectations throughout a difficult period, others have struggled considerably with deliverable quality and timeliness, and occasionally failed entirely.⁸ This issue is expected to take considerable time to improve, since limited availability of cultural resource staff has become a problem within Alaska and the lower 48.

At the same time, with PQI workload pressure and the occasional vacancies, some regions have also tasked consultants with drafting Section 106 consultation letters, with PQIs remaining responsible to edit and finalize them for acceptance and PQI approval signature. At least one region has found that this approach is not efficient for them, since review and adjustments take more time than the PQI would spend developing the letter.

SEO supports regional PQI recruitment to assist in filling vacancies as quickly as possible. PQI retention and training is important to the success of the 106 PA and to the agency's project delivery in general. The PQI approval role is key to the implementation of the 106 PA.

3.7 Project Updates

Projects may require Section 106 updates during subsequent project development and construction. During this reporting year, updates comprised nearly half (46%) of the projects processed. While some updates required additional consultation under the Appendix D standard consultation protocol, the majority of updates (roughly 73%) qualified for streamlined review.

The reduced processing timelines for updates which qualify for streamlined review continues to be a substantial benefit to project timelines when design adjustments are identified after the initial Section 106 review. While this benefit is not fully quantifiable and varies case-by-case, a general calculation of the number of streamlined updates (41) this year and the typical review time saved for each (30 days) results in potentially 1,230 project development days saved.

3.8 Public Objections

The reporting database did not indicate any Section 106 objections from the public for FAHP projects which were processed under the 106 PA during this reporting period. The database indicated that consulting parties, including SHPO, responded to six projects with substantive comments or requests for more information. One project with an earlier Section 106 consultation received additional community comments during the reporting year regarding associated ROW actions. The project has expanded its consulting party list per requests under 36 CFR 800.2(c)(5) and will be continuing consultation regarding project refinements as part of upcoming environmental re-evaluation.

Although not in response to consultation letters, a member of the public reported a concern to SHPO regarding a geotech exploration associated with an FAHP project at a material site where a known archaeological site is present. The PQI investigated and determined that a contractor

⁸ In one extreme situation, a consultant produced a series of unacceptable reports that did not meet even basic standards, requiring the PQI to spend considerable time reviewing, re-writing, and coaching to get viable products, which prompted region management to intervene in contract termination. In another instance, a PQI received incomplete work from a consultant after multiple unsuccessful attempts from the project team to secure the expected deliverable, and wrote the report in-house in order to move the project forward.

had performed the geotech exploration and that there had been a miscommunication between DOT&PF and the contractor regarding who was responsible for Section 106 processing. The region took immediate corrective action on multiple fronts—the PQI coordinated with the SHPO, and with the University of Alaska Museum of the North to do a site assessment, during which it was determined minimal impact had occurred to the archaeological resources. Additionally, the regional Preconstruction Engineer spoke with project managers about the issue and communications in order to prevent any future situations like this from occurring.

3.9 Resolution of Adverse Effects

During the FFY22 reporting year, no new projects made findings of adverse effects, and two projects updated an existing finding of adverse effect.⁹ These were Haines Highway, Phase 3 and Sterling Highway MP 45-60.

The Haines Highway project update continued the original finding of Adverse Effect for the project as a whole, as per protocol, while the update itself dealt with an area of the project where no additional adverse effects were occurring. No adjustment to the existing MOA was needed.

The Sterling Highway MP 45-60 project submitted one update during the reporting year (Oct. 25, 2021). As noted in previous years, the Sterling Highway MP 45-60 project has a Programmatic Agreement (PA) for its Section 106 compliance (executed on March 2, 2018). Central Region produces a separate annual report for that PA.

Appendix D contains a procedural requirement for SEO to participate in adverse effect findings (D.2.a.i), in MOA consultations at SEO discretion (E.1.a), and for approving text of MOAs (E.2.b). These procedures were followed as applicable.

DOT&PF also participated as a consulting party in discussions for an FHWA-led Programmatic Agreement relating to the 1993 Glenn Highway MP 35-109 Environmental Assessment. Consultation on this PA is ongoing, and DOT&PF expects to continue as a consulting party.

3.10 Semiannual Tracking Reports of Tiers 1 and 2 Submittals

The semiannual tracking reports for the 106 PA were posted on the DOT&PF website after transmitting them to the Signatories.

<http://www.dot.state.ak.us/stwddes/desenviron/resources/historicproperties.shtml>

3.11 Recommendations from Project Review (Appendix 2)

The monitoring review provided an opportunity to observe how the 106 PA processing evolved and strengthened during the reporting year. Best practice areas included good coordination among PQIs, the OHA Cultural Resources Liaison, and SEO; good work by PQIs in communicating with region staff on the application of the 106 PA, particularly given the difficulties of remote work; generally strong file documentation; and adherence to the guidelines governing application of Appendix B of the 106 PA for streamlined reviews. SEO has often observed the PQIs engaging professionally and courteously with consulting parties, and on many occasions PQIs have gone the extra mile to respond to requests and coordinate between project teams and consulting parties.

⁹ This report does not address projects outside the purview of the Section 106 PA.

Recommendations include:

Streamlined Reviews

- For Tier 1 projects, PQIs should continue to work with project teams to clarify proposed activities to confirm a project does not necessitate Tier 2 processing.
- PQIs should continue to carefully define the Area of Potential Effect (APE) for Tier 2 projects and assess whether projects qualify for Tier 2 or should go to standard consultation.
- Tier 2 General Conditions should continue to be individually acknowledged in the Tier 2 processing package. Any Tier 1 or Tier 2 allowance-specific conditions should also be acknowledged.
- In the case of Geotech streamlined forms, it is recommended that the streamlined review update form clearly indicate what the APE is for the geotechnical activities and if necessary, differentiate this from the larger project APE.
- PQIs should continue to work closely with analysts to get up-to-date project information to determine whether additional historic roads consideration is necessary. PQIs will continue to work with SEO and SHPO when questions arise regarding historic roads and the use of streamlined review.

Standard Consultations

- PQIs should continue to verify that all required consulting parties are included in correspondence, including Alaska Native Claims Settlement Act (ANCSA) corporations and local governments, and that federally recognized tribes receive letters with the G2G language at all points in the consultation. PQIs should review consulting party letters to ensure that letter contents correlate to the recipients.
- Recordkeeping: PQIs should continue to review enclosures and figures for clarity, since these are part of the compliance record, and should proofread letters for inclusion of required template information. PQIs should ensure that APE figures use Section 106 terminology and are consistent with the APE delineation in the letter. PQIs should ensure the MOU assignment language is present on all report covers, regardless of internal or external authorship. Regions should send email notifications to SEO when correspondence includes an SEO courtesy copy. When submitting DOEs for built environment properties, PQIs should ensure the historic property boundary has been defined.
- PQIs and environmental analysts should work together to coordinate Section 4(f) applicability with the appropriate NEPA Manager before finalizing findings letters. PQIs should continue to consult with both a Statewide NEPA Manager and the Statewide Cultural Resources Manager before signing findings letters that vary from the protocol in the posted letter templates with regard to 4(f) related language.
- SEO, region PQIs, and SHPO should continue to work closely together to ensure that historic roads consideration is implemented efficiently and smoothly into project development.

Project updates

- Updates should continue to clearly delineate what is being updated in the current consultation. This should include not only a narrative description, but graphics that clearly demonstrate the reason for the update.
- If a gap of five years or more has occurred, PQIs should re-initiate consultation prior to sending an updated findings letter.
- If a letter is prepared to update a project previously processed via streamlined review, the letter should clearly reference the project in its entirety.
- An update letter should clearly state the findings for the project as a whole in the conclusion of the letter, and not exclusively focus the finding on the changed portion or activity of the project.

4.0 Assessment of Agreement and Recommendations for Continued Implementation

4.1 Annual Program Review Meeting

A draft copy of the annual monitoring report was provided to the PA signatories on January 31, 2023, in accordance with Stipulation IX.D.2.c.i. The Annual Meeting was held on March 20, 2023, with representatives of DOT&PF SEO, OHA, ACHP, and FHWA.

The following discussion reflects DOT&PF's assessment and recommendations.

4.2 Overall 106 PA

The 106 PA was designed to be an effective streamlining tool to improve project delivery while ensuring that effects to cultural resources are appropriately taken into account. The 106 PA appears to be accomplishing the goals of the Signatories.

As DOT&PF has gained experience with streamlined review processing, the review efforts for these projects have taken relatively less of the PQIs' time. Implementation of the 106 PA has generally allowed PQIs to shift more effort from small-scope projects to the substantial Section 106 issues that arise on more complex projects and consultations. This is a key benefit of the PA for both the DOT&PF and the OHA.

Subjectively, the 106 PA implementation has created closer dialogue among the PQIs and increased consultation between the PQIs and the OHA Cultural Resources Liaison regarding project processing. It has substantially reduced the time the DOT&PF staff spends preparing consultation documentation, which provides the DOT&PF and the OHA staff with more time to focus on complex projects.

As noted above, DOT&PF is participating as a consulting party for an FHWA-led PA that may affect projects yet to be constructed from the 1993 Glenn Highway MP 35-109 Environmental Assessment. Among other aspects of the consultation, DOT&PF will carefully monitor how such an agreement may affect and/or interact with the FAHP 106 PA to ensure there are no unanticipated conflicts.

Recommendation: No substantial concerns are identified at this time and the 106 PA should remain in effect.

4.3 National Environmental Policy Act (NEPA) Assignment Program

On November 13, 2017, DOT&PF began operating under the NEPA Assignment Program established in 23 U.S.C. 327. Under NEPA Assignment, DOT&PF assumed FHWA's environmental responsibilities for Categorical Exclusions, Environmental Assessments, and Environmental Impact Statements; the assigned responsibilities include Section 106 compliance. The NEPA Assignment Program supplanted the previous 6004 Program, under which DOT&PF had assumed FHWA's environmental responsibilities for certain Categorical Exclusion projects.

DOT&PF and its PQIs continue to operate under NEPA assignment, complying with the 106 PA to process projects via streamlined review and standard consultation. SEO works with NEPA Managers to monitor compliance with Section 106 under assignment.

Recommendation: None at this time.

4.4 Historic Roads Consideration

In February 2019, DOT&PF transitioned from using the separate Alaska Roads PA¹⁰ to address historic road consideration to incorporating such consideration into the 106 PA.

Streamlined Reviews Appendix B (Streamlined Project Review Programmatic Allowances) provides lists of activities that may be processed through DOT&PF PQI review. In certain circumstances, Appendix B requires additional consideration prior to a decision on whether a project qualifies for streamlined review; this additional consideration is referred to as Historic Roads Analysis (HRA).

Standard Consultation Appendix J (Historic Roads Consideration) establishes protocols for historic road identification and consideration during standard consultations. Appendix J.I outlines scenarios where historic road identification is not necessary. Appendix J.II describes the processes for identification and evaluation of historic roads.¹¹ Appendix J also contains a section on assessing effects to eligible roads (J.III) and resolving adverse effects (J.IV). Appendix J.V. contains details on transitional processes, including a transitional allowance for projects in development at the time of the historic roads transition. SEO had begun coordinating with FHWA and SHPO on updates to J.V reflecting observations of its first years of use. This effort was not pursued during FFY22 due to other program and project priorities.

4.5 Updates to Programmatic Allowances Streamlined Reviews

No additions or edits were made to programmatic allowances during the past reporting year. One region has expressed interest in developing an allowance or an approach tailored to material site reviews. Another region has requested SEO to look at the possibility of including an

¹⁰ February 23, 2010 *Programmatic Agreement among the Federal Highway Administration, the Advisory Council on Historic Preservation, the Alaska Department of Transportation and Public Facilities, and the Alaska State Historic Preservation Officer Regarding Alaska's Highway System Roads Affected by the Federal-Aid Highway Program in Alaska*. The Alaska Roads PA sunsetted on February 23, 2019; at that time, revisions to the Section 106 PA's appendices went into effect to address historic road consideration.

¹¹ If a DOE is needed, preparers must follow the *Alaska Roads Methodology for Assessing National Register of Historic Places Eligibility*, which provides a sequential process for assessing National Register of Historic Places eligibility of individual roads. This methodology, prepared for DOT&PF by Mead & Hunt, 2014, is available on the DOT&PF Historic Properties website at

http://www.dot.state.ak.us/stwddes/desenviron/assets/pdf/resources/historic_2019/akroads_methodology.pdf

allowance to address winter trail markers which will be placed on top of the ground surface. SEO has also received a suggestion to accommodate mowing of medians under Tier 1.

Recommendation: DOT&PF will present suggestions at the annual meeting, and will continue to propose revisions to Appendix B (Programmatic Allowances) and Appendix C (Streamlined Project Review Form) in consultation with SHPO and FHWA when pertinent topics arise.

4.6 Geotech Investigations

As discussed earlier in this report, the geotech Tier 2 allowance provided helpful time savings during the past reporting year. Ten geotech investigations were processed during FFY22 and the programmatic allowance was used for each of those investigations; using the standard 30-day period as a time estimate, the allowance saved an estimated 300 project days.

4.7 Training Requirements

Training requirements are outlined in the 106 PA's Appendix E. As indicated during past annual meetings, there may be a need to adjust Appendix E. II in the future to account for funding, include other options for analysts, and address timing concerns and limitations on travel and in-person gatherings.

Discussions in past annual meetings have explored ideas for lower-cost training options, including online course modules. DOT&PF's online training module for the Cultural Resources chapter of the Environmental Procedures Manual (EPM) is available for viewing by DOT&PF environmental staff as well as consultants and other interested parties. OHA has also regularly advocated for advanced training opportunities for PQIs, and for PQIs to have more institutional support to attend training and professional development sessions. As one example, OHA suggested that DOT&PF consider the annual OHA cultural resources practitioners' workshop (formerly held annually in spring; on pause since the pandemic began) as a training opportunity for PQIs from all regions.

This reporting year staff continued to take advantage of the increased online opportunities which have arisen since the start of the COVID-19 pandemic. OHA's annual workshop traditionally held in person in Anchorage each year, continued to be on pause. In lieu of this in-person workshop, OHA began a virtual education series. During the reporting period, OHA staff presented 3 webinars: a Section 106 consultation panel; guidance for inadvertent discoveries; and a session devoted to the ins and outs of Certified Local Governments. This virtual education series continues into FFY23. Remote working groups such as the CRT continued to serve as venues for communication and informal training by SEO. The Alaska Anthropological Association's 2022 conference was presented virtually and free of registration charges, allowing greater access to staff to participate in sessions. The AASHTO (American Association of State Highway and Transportation Officials) cultural resources subcommittee's annual fall 2022 meeting was held virtually, allowing SEO cultural resource staff to attend these events and FHWA hosted a February 2022 virtual meeting on building and maintaining relationships with consulting tribes in transportation projects.

SEO coordinated with SRI Foundation for a distance-delivery training session for analysts, PQIs, and project managers covering the general Section 106 process and the Section 106 PA, which was presented in November 2021. This course was structured with a Day One that covered

general background suitable for a wide audience, and a more focused Day Two for the practitioners that work with details. The course was well received, and the compressed basic-to-advanced structure is useful for optimizing available time for attendees with various roles in the Department. DOT&PF offered this course again in the FFY23 reporting year. In addition to the Section 106 training, SEO organized two other distance-delivery training sessions: one on NEPA and one on Section 4(f). Both courses included direction on the integration of those laws with Section 106.

The ACHP also offers digital classroom workshops and FHWA debuted an online Section 106 training module within the reporting year. SEO will also provide recommendations for these trainings to regions when new hires come on board.

The monthly CRT staff meetings also provide a regular opportunity for informal discussions and clarifications on Section 106 processing under the PA, as needed.

Recommendations: SEO will work with new PQIs at SR and SEO to provide training and support throughout the upcoming year. DOT&PF will continue to explore options for introductory Section 106 training for new analysts, and will seek opportunities to strengthen multi-year Section 106 training planning, and will also encourage analysts, PQIs, and project managers to attend relevant ACHP online courses, in particular, [Early Coordination with Indian Tribes for Infrastructure Projects](#).

SEO will continue to emphasize the importance of PQI advanced training and professional development opportunities to DOT&PF management. Such training provides benefits to DOT&PF not only from strengthening staff expertise and retention, but also through the opportunities for inter-agency engagement which builds cooperating agencies' confidence in DOT&PF cultural resource capabilities. This in turn pays dividends in strengthening the Department's relationship with other agencies and can expand opportunities for time-and-cost-saving streamlining. DOT&PF, OHA, and FHWA may continue discussions on adjustments to Appendix E. II.

4.8 STIP Funding

Under 106 PA *Stipulation III.B.7*, DOT&PF offers to pursue federal STIP funding for the Alaska Heritage Resources Survey (AHRS) database program and the OHA Cultural Resources Liaison position. The AHRS MOU between DOT&PF and OHA was renewed on 8/16/2021. Having a liaison at OHA continued to prove invaluable for project efficiency and delivery. Partially funding the AHRS provides a great benefit to DOT&PF in that increased efficiency for AHRS users helps with more efficient project execution.

Recommendation: DOT&PF has requested STIP funding through FFY 2025 and will continue to pursue STIP funding for both programs and will continue to work together with OHA to maximize the efficacy and benefit of these programs.

5.0 Conclusion

The DOT&PF SEO looks forward to working with the FHWA and the SHPO on the recommendations offered within this report to strengthen the Section 106 program through the successful implementation of the 106 PA. The ongoing processing of projects under the 106 PA,

with the close coordination of and consultation with the OHA Cultural Resources Liaison, fosters productive professional discussions and a strong partnership between agencies. The 106 PA, enhanced by annual meetings with SHPO and FHWA, has helped the DOT&PF to better assess project effects on historic properties, while enabling the successful and expedited delivery of FAHP transportation projects to Alaskans.

Appendix 1: Project Lists

This Appendix provides lists of projects processed under the 106 PA for each of the three regions and by SEO. The lists are divided into streamlined and standard consultation groups, and then subdivided by region.

Lists provide the following information:

- Project Name
- Alaska State Accounting System (AKSAS) Number
- Federal Project Number
- Project Type: identifies program assignment¹ (i.e., “FHWA assignable” or “FHWA non-assignable”)
- Process Type (new project, update, or geotech)
- Project Description

Streamlined project lists also include:

- Applicable Tier 1 and 2 Activities: The alpha-numerical entries in this column identify specific project activity classifications from the tables of the *Appendix B Programmatic Allowances*.
- Review Screening Record Approval Date: indicates the PQI signature date of screening approval (documented in the project file on the Streamlined Project Review form of the 106 PA *Appendix C*).

Standard consultation project lists indicate:

- Project Finding
- Finding Letter Date

¹ Assignment as related in this table refers to the assignment status at the time the action occurred during the FFY22 reporting period.

Section 106 Programmatic Agreement
Annual Report on Tier 1 and Tier 2 Undertakings
Central Region
10/1/2021 - 9/30/2022

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
--------------	-------	-------------------	--------------	--------------	------------------------------------	---------------------------------------

Sterling Safety Corridor Improvements MP 82.5-94	CFHWY 00130	0A33026	FHWA assignable	Geotech	2.q	8/2/2022
---	--------------------	----------------	------------------------	----------------	------------	-----------------

Geotechnical testing using 8" hollow stem auger from truck mounted drill on pavement or rubber track mounted rig in clear zone. 94 locations possible.

Minnesota Drive: Tudor Road to 15th Avenue Pavement Preservation	CFHWY 00132	0421099	FHWA assignable	Project update	1.f, 2.d, 2.l	10/26/2021
---	--------------------	----------------	------------------------	-----------------------	----------------------	-------------------

Minor expansions to APE to terminate curb replacement in a logical location at an existing joint; minor expansion of APE to replace damaged storm drain within an existing drainage easement; expand area of repavement at utility relocation site.

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
Vine Road Improvements: KGB Road to Hollywood Road	CFHWY 00323	0001605	FHWA assignable	Geotech	2.q	9/20/2022

Geotechnical testing in the existing APE abutting Hollywood and Vine Roads.

Glenn Highway; Airport Heights to Parks Highway Pavement Preservation	CFHWY 00545	0001656	FHWA assignable	Geotech	2.q	8/3/2022
---	-------------	---------	-----------------	---------	-----	----------

Geotechnical testing. Up to 156 boring locations on interstate highway.

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
Anchorage Area Drainage Improvements	CFHWY 00551	0001651	FHWA assignable	Project update	2.b, 2.e, 2.f	9/30/2022

Excavate along C Street embankment to place erosion protection, armor the embankment with rip rap, and plant willow stakes in the rip rap for fish habitat

AMATS: Downtown Trail Connection	CFHWY 00586	TBD	FHWA assignable	Geotech	2.q	3/18/2022
<p>Geotechnical testing to support design and construction planning for a trail connecting the existing Ship Creek trail system to the existing trail system south of the boat launch facility.</p>						

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
AMATS: Potter Drive Rehabilitation Project	CFHWY 00600	TBD	FHWA assignable	Geotech	2.q	3/18/2022

Geotechnical testing will be conducted on and adjacent to Potter Road in Anchorage, Alaska. Access will be from existing pavement and areas adjacent to the existing road and sidewalk.

Wasilla-Fishhook Road Pavement Preservation Seldon to Tex-Al	CFHWY 00622	TBD	FHWA assignable	New project	1.a, 1.b, 1.d, 1.f, 1.i, 2.c, 2.d, 2.g, 2.h, 2.i	1/13/2022
---	--------------------	------------	------------------------	--------------------	---	------------------

Remove and replace pavement; replace substandard guardrail and guardrail end treatments; mitigate pavement edge drop-offs; restore culverts and regrade ditches to correct inadequate drainage; upgrade pedestrian facilities to comply with the ADA; structural section repairs; replace Automated Traffic Recorders; intersection improvements; utility relocations; lighting, signal, and signage improvements; roadside hardware as needed; vegetation clearing and grubbing.

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
Victory Road Pavement Preservation	CFHWY 00672	TBD	FHWA assignable	New project	1.a, 1.d, 2.b, 2.c, 2.d, 2.g, 2.i	11/4/2021

Resurfacing roadway; evaluating the structural section; drainage improvements (culverts, ditching); replacement or installation of signs, and roadside hardware.
 Project activities include striping; roadway embankment structural dig-outs; utility relocations; and vegetation clearing and grubbing.

Soldotna Community Connections & ADA Improvements	CFHWY 00687	TBD	FHWA assignable	New project	2.g, 2.h	6/9/2022
---	-------------	-----	-----------------	-------------	----------	----------

Pave existing gravel paths in Soldotna Creek Park; add new sidewalks along Homestead Lane; construct new path from Homestead Lane to Soldotna Creek Park; ADA improvements.

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
AMATS Northern Lights Boulevard, Minnesota Drive to Seward Highway Sidewalk Repairs	CFHWY 00713	TBD	FHWA assignable	New project	1.a, 2.b, 2.c, 2.g, 2.h, 2.i	1/27/2022

Work includes resurfacing, utility relocations, pedestrian and ADA improvements, roadside hardware, and landscaping.

Aleknagik Lake Road MP 5-20 Pavement Preservation	CFHWY 00721	TBD	FHWA assignable	Project update	1.a, 1.d, 1.e, 1.f, 2.c, 2.d, 2.h	8/11/2022
--	--------------------	------------	------------------------	-----------------------	--	------------------

Replacement of culverts at MP 1.0 and MP 1.8; milling and paving; upgrades to or installation of roadside hardware as necessary; drainage improvements; ADA improvements; and vegetation clearing and grubbing.

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
Aleknagik Lake Road MP 5-20 Pavement Preservation	CFHWY 00721	TBD	FHWA assignable	New project	1.a, 1.d, 1.m, 1.n, 2.c, 2.g, 2.h, 2.i	11/4/2021

This project was inadvertently omitted from the semi-annual report, due to a late database entry.

Milling and paving; upgrading and installing roadside hardware as necessary, including in-kind guardrail and guardrail end treatment; bridge cleaning; drainage improvements (culvert replacement); ADA improvements; limited utility relocation as needed; vegetation clearing and grubbing.

Bogard Road Pavement Preservation: Trunk Road to Wasilla-Fishhook Road	CFHWY 00723	TBD	FHWA assignable	New project	1.a, 1.d, 2.a, 2.b, 2.c, 2.d, 2.g, 2.h, 2.i	10/21/2021
<p>The proposed work includes resurfacing roadway; dig-outs; culvert improvements; drainage improvements (culverts, ditching); guardrail improvements, roadside hardware; and intersection improvements. Project activities also include; pedestrian and ADA improvements; utility relocations; lighting, signal, and signage improvements; and vegetation clearing and grubbing.</p>						

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
Snow River Bridges Non-motorized Pathway as Environmental Mitigation for Sterling Highway MP 45-60	CFHWY 00746	TBD	FHWA assignable	New project	2.o	11/10/2021

Add walkway to existing bridge and minor grading for approaches.

HSIP: Wasilla-Fishhook Rd and Spruce Ave/Peck St Roundabout, Geotechnical Investigations	CFHWY 00790	TBD	FHWA assignable	New project	2.c, 2.q	3/30/2022
---	--------------------	------------	------------------------	--------------------	-----------------	------------------

Geotechnical work would include an 8" hollow stem auger to complete geotechnical drilling. A truck-mounted drill rig will be used for the on-road test holes (six holes to a depth of 10 feet).
A tracked rig will be used for the off-road test holes (four holes to a depth of 20 feet). Brush cutting as needed will occur.

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
Soldotna: Redoubt Ave and Smith Way Rehabilitation	CFHWY 00800	TBD	FHWA assignable	Geotech	2.q	3/17/2022

Geotechnical testing to inform preliminary design of roadway.

Bridge Access Road Pavement Preservation	CFHWY 00830	TBD	FHWA assignable	New project	1.a, 1.b, 1.e, 1.l, 1.n, 1.o, 2.c, 2.d, 2.g, 2.h, 2.i	6/21/2022
<p>Resurface 3.3 miles of Bridge Access Road; repair structural sections; add additional layers of asphalt; new or replacement guardrail and lighting; striping and signage; signalization; bridge work; ADA improvements; drainage improvements including culvert replacements; utility relocation; vegetation clearing and grubbing.</p>						

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
Seward Highway MP 90-99 Pavement Preservation	CFHWY 00850	TBD	FHWA assignable	New project	1.a, 1.e, 1.i, 1.p, 1.q, 2.c, 2.d, 2.g, 2.h, 2.l, 2.o	2/22/2022

Work includes paving, resurfacing, install automated traffic recorders, pot hole repair with dig-outs, drainage improvements including culvert repair or replacement and ditch maintenance, improvements to roadside hardware, intersection improvements, pedestrian facility improvements, ADA compliance improvements, bridge repair, guardrail improvements, lighting and signage improvements, striping replacement, utility relocations, and vegetation clearing and grubbing.

Anchorage Area Pavement Preservation	CFHWY 00851	0001739	FHWA assignable	New project	1.a, 1.g, 1.l, 2.a, 2.c, 2.d, 2.g, 2.h, 2.l, 2.o	3/17/2022
--------------------------------------	-------------	---------	-----------------	-------------	--	-----------

Paving; resurfacing; installing automatic traffic recorders; sub-base repairs including digouts; drainage repair and improvements including culverts, ditch and storm drain repairs; improvements to roadside hardware; intersection improvements; raised medians; reinstall striping; relocate utilities as needed; and vegetation grubbing and clearing as needed. Bridge 1433 will have repair to guardrails, replacement of membrane and replacement of asphalt bridge deck. Bridge 391 will have repairs to guardrails, replacement of membrane and replacement of bridge deck and vegetation removed from bridge.

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
Anchorage Area Pavement Preservation	CFHWY 00851	0001739	FHWA assignable	Project update	1.a, 2.g	9/22/2022

Remove and replace in-road sensor, remove and replace pavement in sensor area.

Kenai Spur MP 29-MP 38 Pavement Preservation	CFHWY 00852	TBD	FHWA assignable	New project	1.a, 1.l, 1.n, 1.o, 2.c, 2.d, 2.g, 2.l	8/2/2022
--	-------------	-----	-----------------	-------------	--	----------

DOT&PF will resurface the highway; dig-out potholes and repair sections; make minor bridge repairs (bridge #7022 & #0214); improve drainage by repairing or replacing culverts and fixing ditches; repair roadside hardware; relocate utilities if needed; improve existing signage and striping; clear and grub vegetation.

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
--------------	-------	-------------------	--------------	--------------	------------------------------------	---------------------------------------

HSIP: Fifth Avenue Concrete Street to Karluk Street Pedestrian Improvements	CFHWY 00856	TBD	FHWA assignable	New project	1.a, 1.d, 1.e, 1.l, 2.c, 2.g, 2.l	3/2/2022
---	-------------	-----	-----------------	-------------	-----------------------------------	----------

The project is intended to reduce the number of midblock pedestrian fatal crashes by building a median barrier to encourage pedestrians to use the designated crosswalks at Concrete and Karluk streets, and aid visibility of pedestrians & bicyclists. Other project activities include repair of the road surfaces, striping, signage, drainage, lighting and to manage vegetation.

HSIP: Fifth Avenue Concrete Street to Karluk Street Pedestrian Improvements	CFHWY 00856	TBD	FHWA assignable	Geotech	2.q	3/16/2022
---	-------------	-----	-----------------	---------	-----	-----------

Project requires geotechnical testing at locations on either side of the road between Orca Street and Concrete Street.

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
NHS Anchorage District Preventative Maintenance	CFHWY 00860	TBD	FHWA assignable	New project	1.a, 1.b, 1.d, 1.e, 2.a, 2.b, 2.c, 2.d	10/28/2021

Application of pavement markings, crack sealant, surface aggregate, dust palliative and asphalt; cleaning storm drain structures; clean and recondition ditches; R/R drainage culverts and lighting components

Mat-Su District NHS Preventative Maintenance	CFHWY 00861	TBD	FHWA assignable	New project	1.a, 1.b, 1.d, 1.e, 2.a, 2.b, 2.c, 2.d	10/28/2021
---	--------------------	------------	------------------------	--------------------	---	-------------------

Application of pavement markings and crack sealant; clean and recondition ditches; and removal and replacement of drainage culverts and lighting components.
 Application of surface aggregate, dust palliative and asphalt; and cleaning of storm drain structures.

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
Peninsula District NHS Preventative Maintenance	CFHWY 00862	TBD	FHWA assignable	New project	1.a, 1.b, 1.d, 1.e, 2.a, 2.b, 2.c, 2.d	10/28/2021

Application of pavement markings and crack sealant; clean and recondition ditches; removal and replacement of drainage culverts and lighting components.
 Application of surface aggregate, dust palliative and asphalt; and cleaning of storm drain structures.

CR 22 Anchorage District Non-NHS Preventative Maintenance	CFHWY 00863	TBD	FHWA assignable	New project	1.a, 1.b, 1.d, 1.e, 2.a, 2.b, 2.c, 2.d	10/27/2021
---	-------------	-----	-----------------	-------------	--	------------

Application of pavement markings and crack sealant; clean and recondition ditches; and removal and replacement of drainage culverts and lighting components.
 Application of surface aggregate, dust palliative and asphalt; and cleaning of storm drain structures.

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
CR22 Mat-Su District Non-NHS Preventative Maintenance	CFHWY 00864	TBD	FHWA assignable	New project	1.a, 1.b, 1.d, 1.e, 2.a, 2.b, 2.c, 2.d	10/27/2021

Application of pavement markings and crack sealant; clean and recondition ditches; removal and replacement of drainage culverts and lighting components;
 Application of surface aggregate, dust palliative and asphalt; and cleaning of storm drain structures.

CR22 Peninsula District Non-NHS Preventative Maintenance	CFHWY 00865	TBD	FHWA assignable	New project	1.a, 1.b, 1.d, 1.e, 2.a, 2.b, 2.c, 2.d	10/27/2021
--	-------------	-----	-----------------	-------------	--	------------

Application of pavement markings and crack sealant; clean and recondition ditches; removal and replacement of drainage culverts and lighting components.
 Application of surface aggregate, dust palliative and asphalt; and cleaning of storm drain structures.

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
CR22 Southwest District Non-NHS Preventative Maintenance	CFHWY 00866	TBD	FHWA assignable	New project	1.a, 1.b, 1.d, 1.e, 2.a, 2.b, 2.c, 2.d	10/28/2021

Application of pavement markings and crack sealant; clean and recondition ditches; removal and replacement of drainage culverts and lighting components.
 Application of surface aggregate, dust palliative and asphalt; and cleaning of storm drain structures.

CR22 Bridge NHS Preventative Maintenance Program	CFHWY 00867	TBD	FHWA assignable	New project	1.e, 1.h, 1.l, 1.m, 1.n, 1.o, 1.p, 1.q, 1.r, 2.c, 2.o	10/27/2021
--	-------------	-----	-----------------	-------------	---	------------

Preventative maintenance work including bridge repairs on existing bridge surfaces, approaches and components.

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
CR 22 Bridge Non-NHS Preventative Maintenance Program	CFHWY 00868	TBD	FHWA assignable	New project	1.e, 1.h, 1.l, 1.m, 1.n, 1.o, 1.p, 1.q, 1.r, 2.c, 2.o	10/27/2021

Preventative maintenance work including bridge repairs on existing bridge surfaces, approaches, and components.

CR22 Anchorage Intersection Pavement Markings Program	CFHWY 00869	TBD	FHWA assignable	New project	1.a	10/26/2021
---	-------------	-----	-----------------	-------------	-----	------------

Repaint existing pavement markings.

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
HSIP: Church Rd and Spruce Ave Intersection Flashing Beacon	CFHWY 00883	TBD	FHWA assignable	New project	1.a, 2.a, 2.b, 2.c, 2.d, 2.g, 2.i	3/30/2022

Construct a flashing beacon and load center at the intersection of Church Road and Spruce Avenue. This project may include minor pavement work to allow for beacon system installation
Additional activities includ installing, replacing or repairing signage, striping, improvements to existing pathway to comply with the Americans with Disabilities Act (ADA)

OLD GLENN HWY, OUTER & INNER SPRINGER LOOP PAVEMENT PRESERVATION PROJECT	CFHWY 00887	0001(726)	FHWA assignable	New project	1.a, 1.e, 1.f, 1.n, 1.o, 2.c, 2.d, 2.g, 2.i, 2.o	8/31/2022
---	--------------------	------------------	------------------------	--------------------	---	------------------

Project proposes to resurface roadways; replace or install medians, curb ramps, sidewalks, shared use pathways and pedestrian facilities including ADA improvements; repair or replace guardrails and guardrail end treatments, signs, roadside hardware and striping; improve signals and lighting by switching to LEDs; relocate or adjust utilities as needed; repair, replace or improve drainage facilities and culverts; clear vegetation in ROW; bridge repairs including repair to expansion sleeves, guardrail end treatments, add transitions to bridge rails, replace silicone joints, remove debris; replace asphalt with polyester concrete deck, r/r lighting. May upgrade school crossing and improve parking area west of river on Arctic.

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
Hope HWY MP 7.9 & MP 12.9 Culvert Replacements	CFHWY 00928	TBD	FHWA assignable	New project	1.a, 2.a, 2.b, 2.c, 2.d, 2.e, 2.f, 2.g, 2.i	3/24/2022

Culvert replacements, resurfacing, erosion protection, roadside hardware (guardrail, signs, striping), utility relocations, vegetative clearing and grubbing, and repair existing road/subgrade.

Hope HWY MP 7.9 & MP 12.9 Culvert Replacements	CFHWY 00928	TBD	FHWA assignable	Project update	2.q	4/20/2022
--	-------------	-----	-----------------	----------------	-----	-----------

Geotechnical testing at 4 locations. Holes will be 8" diameter auger holes through column of fill to 30' and 60' in depth to better understand the type of fill material, water saturation and other details to support design of a culvert or bridge replacement.

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
Seward Highway MP 61.5 Culvert Improvement	CFHWY 01018	0212015	FHWA assignable	New project	2.d	9/8/2022

Repair failing culverts on Sixmile Creek at MP 61.5 Seward Highway and on adjacent USFS road.

Kenai Spur Highway Rehabilitation	54594	Pending	FHWA non-assignable	Project update	2.c, 2.g, 2.i	9/29/2022
-----------------------------------	-------	---------	---------------------	----------------	---------------	-----------

Project would connect existing streetlight systems between Delta Ave and Sports Lake Road in Soldotna and Swires Road to Dolly Varden Street in Kenai. May require utility relocations and vegetation grubbing and clearing in the ROW.

Section 106 Programmatic Agreement
Annual Report on Tier 1 and Tier 2 Undertakings
Northern Region
10/1/2020 - 9/30/2021

Project Name	AKSAS	Federal Project #	Project Type	Qualifies for Programmatic Allowance?	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
Susitna River Bridge Lateral Slope Movement	HFHWYO 0189		FHWA assignable	Yes	2.g, 2.q	4/11/2022

Update APE consists of drilling locations where monitoring equipment will be installed. The instrumentation will collect data to identify effective mitigation techniques to slow or stop ground movement and the impact on the Susitna River Bridge. The drill team will drill five 110-ft casings (4.5" diameter), two 40-ft casings (4.5" diameter) and install ten 15-ft metal post (2.5" diameter) survey markers in the ROW, not on Denali Hwy prism or the Susitna River Bridge.

Northern Region LED Lighting Replacement	NFHWYO 0277	0002(407)	FHWA assignable	Yes	2.l	8/10/2022
--	-------------	-----------	-----------------	-----	-----	-----------

This update will remove existing damaged load center and a new one will be installed south and west of the existing light pole on the southwest corner of the intersection of Peger Road and Airport Way in Fairbanks, AK. The new load center has a concrete foundation that will be buried 42-inches deep. It will be connected to the light system by new underground 2-inch service conduit via a 12-inch wide and 36-inch deep trench.

Project Name	AKSAS	Federal Project #	Project Type	Qualifies for Programmatic Allowance?	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
FMATS Chena River Walk Stage III	NFHWO 0280	0002(406)	FHWA assignable	Yes	2.g	11/29/2021

This update offsets the location of the multi-use asphalt path to the west along the Peger Road segment. The updated multi-use asphalt path along Peger Road remains within the existing DOT&PF ROW. Additionally, near and within the floodplain along the Chena River, the proposed multi-use path is proposed to be constructed on a boardwalk structure to elevate the path above the flood plain.

North Pole Woll Road Resurfacing and Widening	NFHWO 0448	Pending	FHWA assignable	Yes	1.a, 2.a, 2.c, 2.d, 2.g, 2.i, 2.l	11/2/2021
---	---------------	---------	-----------------	-----	--------------------------------------	-----------

Milling, repaving, and reapplying pavement markings on the road surface; widening shoulder embankments (within existing ROW); extending existing culverts; making other drainage improvements (upgrading and/or constructing ditches); upgrading approaches, installing and/or replacing guardrails, signs, and lighting; clearing vegetation; and relocating underground utilities further away from the road centerline to accommodate shoulder widening (within existing ROW). Utility relocates will still be within the previously disturbed and existing right-of-way (ROW) boundary.

Project Name	AKSAS	Federal Project #	Project Type	Qualifies for Programmatic Allowance?	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
Lake Louise Road Resurfacing	NFHWO 0481	Pending	FHWA assignable	Yes	1.a, 1.b, 1.d, 1.e, 2.a, 2.b, 2.c, 2.d, 2.g	6/22/2022

This Project Update is to extend the resurfacing of Lake Louise Road to between milepost (MP) 0-9 which is located north off the Glenn Highway near MP 160.2 with a chip seal/high-float treatment. Leveling and grading of the road subbase and surface back to its original grade, and re-striping. Paving of access road/driveway approaches. Cleaning of and re-establishment of slopes and ditches and brush/vegetation removal in areas where brush/vegetation was previously cleared. Removal and installation of new signs in original and new locations. All work will be occurring within the 200-foot right-of-way (ROW).

NR ADA Improvements Fairbanks: Geist Road	NFHWO 0504	Pending	FHWA assignable	Yes	1.a, 1.b, 2.g, 2.l	3/10/2022
--	---------------	---------	-----------------	-----	--------------------	-----------

This UPDATE adds: The installation of a new planter (80-feet long by 10-feet wide, by 3-feet high), resurfacing of the traffic island, relocation of two LED light poles, and replacing an existing retaining wall with a new wall that has similar dimensions and materials. Utility relocations may be necessary to replace the retaining wall.

Project Name	AKSAS	Federal Project #	Project Type	Qualifies for Programmatic Allowance?	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
HSIP: Old Steese Shoulder Widening	NFHWO 0527	Pending	FHWA assignable	Yes	2.c	10/1/2021

PROJECT UPDATE: Vegetation clearing and grubbing along the entire project APE via mechanical means in previously cleared and grubbed areas.

Tetlin National Wildlife Refuge Visitor Center Parking and Site Improvements (WLF)	NFHWO 0550	27563001	FHWA assignable	Yes	1.a, 2.a, 2.c, 2.k	11/24/2021
--	---------------	----------	-----------------	-----	--------------------	------------

The proposed project will resurface the Tetlin National Wildlife Refuge (NWR) Visitor Center (AK Highway MP 1229), and the Tetlin NWR Headquarters driveway (AK Highway MP 1314). These areas are currently gravel surfaces, that will be paved with asphalt and not require additional new ground disturbance. Additionally, a vaulted toilet will be constructed (requiring the excavation of an 8-foot hole) in an existing turnout at the Hidden Lake Trailhead (AK Highway MP 1240). Additional work includes minor grading to level the previously disturbed ground and possible vegetation clearing.

Project Name	AKSAS	Federal Project #	Project Type	Qualifies for Programmatic Allowance?	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
Northern Region ADA Improvements- Fairbanks 6th Avenue	NFHWO 0551	Pending	FHWA assignable	Yes	1.a, 2.d, 2.l	3/3/2022

1. Installation of a new storm drain trunk line from 6th to just north of 5th Ave to tie an existing storm drain trunk line,
2. Installation of new storm drain manholes & new storm drain inlet & laterals with increased capacity,
3. Relocating/upgrading the existing water mains along 5th & 6th Ave due to conflict between the new storm drain trunk line,
4. Replacement of existing sidewalk & roadway due to storm drain, water & sewer upgrades,
- & 5. Replacement of existing water & sewer lines within project limits (may require excavation up to 8-Ft depth).

Northern Region ADA Improvements- Fairbanks 6th Avenue	NFHWO 0551	Pending	FHWA assignable	Yes	2.h	11/5/2021
Replacement/widening of an existing sidewalk to meet ADA standards.						

Project Name	AKSAS	Federal Project #	Project Type	Qualifies for Programmatic Allowance?	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
Airport Way/Steese Interchange	NFHWO 0578	Pending	FHWA assignable	Yes	2.I	12/16/2021

Extending the APE by approximately 1,200 feet for the installation of new lighting conduit, fiber optic cable, and a junction box in previously disturbed areas along Airport Way from the Steese Highway to Noble Street. Work will be completed in the existing ROW.

Richardson Highway MP 329-340 Pavement Preservation	NFHWO 0583		FHWA assignable	Yes	2.c, 2.g, 2.i	2/15/2022
--	---------------	--	-----------------	-----	---------------	-----------

Adds relocating mailboxes at 6 locations between MP 329 and MP 333 of the Rich HWY to the project description. Mailbox relocations will require clearing and grubbing (within existing embankment) expanding the highway's shoulder (by an additional 4- at each of the respective mailbox relocation sites. Expanded shoulder areas (for mailbox placement) will require the placement of new gravel fill onto the existing highway embankment.
Additional activities include vegetation clearing via a hydroaxe in previously cleared areas within the existing ROW along the entire Richardson Highway project corridor between MP 329-340.

Project Name	AKSAS	Federal Project #	Project Type	Qualifies for Programmatic Allowance?	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
Northern Region ADA Improvements- Fairbanks: College Road	NFHWO 0591	Pending	FHWA assignable	Yes	1.a, 2.b, 2.h	5/11/2022

Rehabilitation of existing driveway approaches to match up to the ADA compliant sidewalks. Addition of new landscaping (shrubs, trees, perennials, and rounded cobbles) ground disturbance depths not to exceed 2 feet.

Rehabilitation/replacement of existing signal boxes, junction boxes, and manhole covers within the sidewalk.

Replacement of existing sidewalks, curb ramps, approaches, curb & gutters, pavement, & operable part clear spaces w/ADA compliant features-may include new ground disturbance.

FAST Improvement Program FFY2020-2021	NFHWO 0603	Pending	FHWA assignable	Yes	1.a, 1.d, 1.e, 2.a, 2.c, 2.d, 2.g, 2.h, 2.l, 2.o	11/3/2021
---------------------------------------	------------	---------	-----------------	-----	--	-----------

North Pole driveways- add surface course to driveway aprons & pave 8 gravel alleys. Dunbar Ave- mill and pave rd & upgrade approaches; replace existing underground util & signs; reapply pavement markings; storm drain maintenance. S. Cushman ext.-add course to existing gravel rd. Reshape existing ditches, upgrade approaches & clear veg. College Rd- install new RRFB & crosswalk, replace existing underground util, reapply pavement markings. 2nd Ave dog park- re-establish drainage, apply surface course, replace ped path, upgrade curb & gutter to ADA stds., clear veg. Phillips Field bike path- mill & pave, extend path, repair Noyes Slough bridge decking & rail, upgrade crosswalk & ramp to ADA stds, replace signs, reapply pavement markings, clear veg.

Project Name	AKSAS	Federal Project #	Project Type	Qualifies for Programmatic Allowance?	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
University Avenue South Bicycle/Pedestrian Facility (CMAQ)	NFHWO 0612	Pending	FHWA assignable	Yes	2.a, 2.c, 2.d, 2.g, 2.i	6/27/2022

Construction of a bicycle and pedestrian facility along University Avenue South to provide access to the East Ramp Airport facilities from Mitchell Expressway to Armistead Way, which will tie into the existing sidewalk along University Avenue South. Project activities include: pavement resurfacing, drainage improvements (upgrading and/or constructing ditches), clearing vegetation, relocating above and below ground utilities to accommodate path, installing and/or replacing as needed- signs, and lighting, new guardrails, and update approach aprons. Utility relocations will be within the previously disturbed and existing right-of-way (ROW) boundary.

Northern Region FY22 National Highway System (NHS) PM	NFHWO 0620	Pending	FHWA assignable	Yes	1.a, 1.b, 1.d, 1.e, 1.f	11/18/2021
---	------------	---------	-----------------	-----	-------------------------	------------

This project will include maintenance and rehabilitation of paved roadway; application of pavement stripes and markings; stabilization and repair of shoulders and ditches; cleaning of culverts, inlets and storm drains; repairs and/or refurbishment of lighting systems; and repair, rehabilitation and/or replacement of guardrail components and other roadside safety systems. All work will be confined to the existing roadway embankment or structure, and is intended to restore the system and its components to an as-built condition.

Project Name	AKSAS	Federal Project #	Project Type	Qualifies for Programmatic Allowance?	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
NR FFY22 NHS Non-Interstate and CTP PM	NFHWO 0621	Pending	FHWA assignable	Yes	1.a, 1.b, 1.d, 1.e, 1.f	11/22/2021

This project will include maintenance and rehabilitation of paved roadway; application of pavement stripes and markings; stabilization and repair of shoulders and ditches; cleaning of culverts, inlets and storm drains; repair and/or refurbishment of lighting systems; and repair, rehabilitation and/or replacement of guardrail components and other roadside safety systems. All work will be confined to the existing roadway embankment or structure, and is intended to restore the system and its components to an as-built condition.

Taylor Highway MP 54 Culvert Replacement	NFHWO 0631	pending	FHWA assignable	Yes	2.d	1/13/2022
--	------------	---------	-----------------	-----	-----	-----------

This UPDATE: Increases the APE within MS 785-055-2, which is located at MP 57 on the Taylor Highway.

Additionally, this update increases the size of the proposed culvert to be installed from 84-inches to 96-inches.

Project Name	AKSAS	Federal Project #	Project Type	Qualifies for Programmatic Allowance?	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
Taylor Highway MP 54 Culvert Replacement	NFHWO 0631	pending	FHWA assignable	Yes	1.a, 2.b, 2.c, 2.d, 2.e	10/7/2021

Replace a 60-inch temporary culvert previously installed by M&O with a 84-inch and 36-inch overflow culvert at an unnamed creek, which is a tributary of Dennison Fork. Additional work includes: replacing the surface course, riprap aprons at the inlet/outlet ends of the culvert, embankment protection by rebuilding the embankment resulting in a grade raise, and removing vegetation. Materials will come from previously developed and permitted portions of MS 785-055-2.

Richardson Highway MP 298 Revetment	NFHWO 0632	Pending	FHWA assignable	Yes	1.a, 1.e, 1.f, 2.a, 2.c, 2.d, 2.e, 2.f	11/29/2021
<p>Project activities include: restoration of the riverbank, placement of riprap, reconditioning of ditches, vegetation clearing (using a hydro-axe), paving the connection between the existing wayside and the Richardson Highway, and repair/replacement of existing culverts, signs, guardrails, pavement, and striping. Material source will be contractor furnished.</p>						

Project Name	AKSAS	Federal Project #	Project Type	Qualifies for Programmatic Allowance?	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
East College Road Resurfacing	NFHWO 0645	0640013	FHWA assignable	Yes	1.a, 1.e, 1.f, 2.d, 2.h	11/30/2021

The DOT&PF is proposing to re-pave College Road between the Margaret/Antoinette and Old Steese Highway intersections and the College Road/Johansen Expressway Interchange on and off ramps. The existing sidewalks, curb, and gutters will remain in place except in the areas where the curb and gutters have been damaged by snow removal equipment. In these areas, the damaged curb and gutters will be removed and replaced and the adjacent sidewalk may be replaced if needed to match/tie into new curb & elevations. Additional: replacing non-compliant ADA ramps; re-grading localized areas to improve drainage; re-grading crosswalks to meet current ADA standards; replacing signs; restriping pavement.

East College Road Resurfacing	NFHWO 0645	0640013	FHWA assignable	Yes	2.j	1/4/2022
Replacing railroad crossing gates, signs, and signals.						

Project Name	AKSAS	Federal Project #	Project Type	Qualifies for Programmatic Allowance?	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
East College Road Resurfacing	NFHWO 0645	0640013	FHWA assignable	Yes	2.a, 2.b, 2.g	9/13/2022

This Project Update adds the removal of contaminated soils, which are located under the road & sidewalks along College Road, and adds the temporary storage (while awaiting contamination testing) of soils near the snow dump area adjacent to the Johansen Expy to the project description.

Roads and sidewalks will be removed to access contaminated soils, then repaved/replaced. TCPs & TCEs are include in the APE.

Targeted Air Shed Dynamic Messaging Sign	NFHWO 0707		FHWA assignable	Yes	2.g	6/15/2022
--	---------------	--	-----------------	-----	-----	-----------

The DOT&PF proposes to install two Dynamic Messaging Signs (DMS) and associated concrete barriers to facilitate immediate communication of air quality alerts with the goal of increasing curtailment compliance. One DMS will be located within the median strip of the Parks Highway between Geist Road and Airport Way (MP 357.4). The other DMS will be located along the Richardson Highway adjacent to the MP 358 Weigh Station. Electrical power will be derived by trenching/horizontal drilling to power sources. Ground disturbance will be limited to areas previously disturbed by road construction and subsequent maintenance activities. Update addresses shift from state to federal funding.

Project Name	AKSAS	Federal Project #	Project Type	Qualifies for Programmatic Allowance?	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
Glenn Highway MP 143-154 Resurfacing	NFHWO 0719	Pending	FHWA assignable	Yes	1.a, 1.d, 1.e, 1.l, 1.m, 1.o, 1.r, 2.a, 2.c	8/8/2022

Applying chip seal over the existing highway's asphalt pavement and reapplication of pavement markings. Cleaning and reconditioning of ditches and catch basins, maintenance of culverts and drainage structures, culvert extensions, replacement of existing culverts with similar diameter culverts. Repair and/or replacement of existing signs. Vegetation clearing within previously cleared areas (via hydroaxe). Maintenance of Mendeltna Creek Bridge (#0551) work includes: Cleaning, repairing, and/or replacement of bridge deck joints, expansion joints, and failed grout; Deck sealing, overlays, and wearing surfaces; and Repair/replacement of the bridge's railing and transition railing.

Alaska Highway Passing Lanes	Z606320 000	0002(332)	FHWA assignable	Yes	2.g	10/8/2021
------------------------------	-------------	-----------	-----------------	-----	-----	-----------

This UPDATE: adds the installation of new signage to announce upcoming passing lanes along the Alaska Highway.

This UPDATE also increases the length of the APE at MP 1295 by approximately 1/10 of a mile.

Project Name	AKSAS	Federal Project #	Project Type	Qualifies for Programmatic Allowance?	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
Alaska Highway Passing Lanes	Z606320 000	0002(332)	FHWA assignable	Yes	2.g	2/4/2022

This update adds the installation of new signage to announce upcoming passing lanes along the Alaska Highway.

Alaska Highway Passing Lanes	Z606320 000	0002(332)	FHWA assignable	Yes	2.i	5/12/2022
------------------------------	----------------	-----------	-----------------	-----	-----	-----------

This update is for the addition of turning lanes onto Man Choh Road.

Project Name	AKSAS	Federal Project #	Project Type	Qualifies for Programmatic Allowance?	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
Parks Highway MP 231 Enhancements	Z612990 000	TE-0A4-4(20)	FHWA assignable	Yes	2.g, 2.i	3/4/2022

This UPDATE adds construction of a pedestrian pathway on the south side of the existing bridge that improves connectivity between Denali Park Village (McKinley Village) and the Grizzly Bear Cabins near MP 231 of the Parks Highway. This Update also adds a passing lane to the southbound lane of the Parks Highway near MP 231.

Parks Highway MP 231 Enhancements	Z612990 000	TE-0A4-4(20)	FHWA assignable	Yes	2.i	4/1/2022
Adding the construction of a turning lane into a road access at MP 229.9.						

Project Name	AKSAS	Federal Project #	Project Type	Qualifies for Programmatic Allowance?	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
Parks Highway MP 231 Enhancements	Z612990 000	TE-0A4-4(20)	FHWA assignable	Yes	1.a, 2.d, 2.g, 2.l	4/15/2022

This Project Update consists of replacing existing culverts, relocating underground utilities to accommodate new passing lanes, constructing a new pedestrian tunnel and repaving. Pedestrian tunnel goes under Parks Hwy near MP 231. Project Update APE is within current project APE, in the DOT&PF ROW, and in previously disturbed areas.

Parks Highway MP 231 Enhancements	Z612990 000	TE-0A4-4(20)	FHWA assignable	Yes	2.c	6/17/2022
-----------------------------------	----------------	--------------	-----------------	-----	-----	-----------

This project was inadvertently omitted from the semi-annual report, due to a late database entry.

This Project Update is to clarify that among the construction activities for this Project, vegetation removal, clearing and grubbing are to occur within the Area of Potential Effect (APE).

Project Name	AKSAS	Federal Project #	Project Type	Qualifies for Programmatic Allowance?	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
Airport Way West Improvements	Z618720 000	061(0004)	FHWA assignable	Yes	2.a	2/14/2022

This UPDATE: Adds pavement of driveway approaches and roadway shoulders to the project description.

Airport Way West Improvements	Z618720 000	061(0004)	FHWA assignable	Yes	1.f, 2.a, 2.c, 2.l	1/6/2022
<p>This UPDATE makes the following changes/additions to the description: Reconstructing Dale & Hoselton Rds (rather than resurfacing), repairing/replacing the existing curb and gutter on Old Airport Rd, replacing existing underground utilities (same depth/location), & clearing veg & grubbing (hydroaxe).</p>						

Project Name	AKSAS	Federal Project #	Project Type	Qualifies for Programmatic Allowance?	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
Parks Highway Milepost 183-192 Reconstruction	Z633890000	0A43021	FHWA assignable	Yes	2.i	7/28/2022

This Update adds the construction of a truck climbing lane to the project description between MP 186-189 within the existing APE.

Parks Highway Milepost 183-192 Reconstruction	Z633890000	0A43021	FHWA assignable	Yes	2.c	5/12/2022
---	------------	---------	-----------------	-----	-----	-----------

Vegetation clearing via hydroaxe. Expanding the APE to include MS 35-4-038-2 and MS 35-4-045-2.

Project Name	AKSAS	Federal Project #	Project Type	Qualifies for Programmatic Allowance?	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
Parks Highway Milepost 183-192 Reconstruction	Z633890000	0A43021	FHWA assignable	Yes	2.c, 2.q	1/10/2022

A geotechnical investigation is being proposed to support the Parks Highway MP 183-192 Reconstruction project. MS 35-4-038-2 near Parks Hwy MP 186-187 needs to be tested to verify the quantity and quality of usable material within the MS boundary. This investigation proposes to drill (using a CME 850X Drill Rig) 15 test holes in the MS. At the discretion of the field geologists, 2-3 trenches may be excavated within the undeveloped portion of the MS to further define the site characteristics. Additional proposed drilling sites include 2 culvert locations at MP 183.4 & 183.9, as well as centerline drilling near MS 35-4-038-2. Vegetation clearing via hydroaxe may be needed to provide the tracked rig access to undeveloped parts of the MS.

NR Deep Culverts Stage III- Orca Road	Z639130000	Pending	FHWA assignable	Yes	2.e, 2.f	2/7/2022
--	-------------------	----------------	------------------------	------------	-----------------	-----------------

Erosion repair work- rebuilding the road prism within the footprint of what was completed during the 2021 construction season. Capping the rebuilt area with riprap to armor the road shoulder.

Project Name	AKSAS	Federal Project #	Project Type	Qualifies for Programmatic Allowance?	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
Eureka Lodge Land Vacation	CDV#21-202-00x		FHWA non-assignable	Yes	2.s	4/7/2022

Land disposal/vacation of DOT&PF ROW easement near Eureka Lodge MP 128.3 Glenn Highway.

Section 106 Programmatic Agreement
Annual Report on Tier 1 and Tier 2 Undertakings
Southcoast Region
10/1/2021 - 9/30/2022

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
Auke Bay Terminal Building and Electrical Improvements	SAMHS 00279	9500150	FHWA assignable	Project update	2.n	9/30/2022

Additional activities include modification of the existing mooring ballard movement, modification of the existing fuel line davit, and modification of the floating fender, all located at the Auke Bay Ferry Terminal Eastern Stern Berth.

KTN - Sayles/Gorge Street Viaduct (#1841) Improvement	SFWY 00070	0003225	FHWA assignable	Geotech	2.q	4/22/2022
--	-------------------	----------------	------------------------	----------------	------------	------------------

The project update is for geotechnical investigations at up to 8 locations within the current project APE, 6 on the existing trestle and 2 located on embankments beyond the trestle abutment. Geotechnical drilling consists of 3 to 4 inch diameter bores of soil and rock to a depth of 20 feet. Test boring will be backfilled with drill cuttings.

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
Kodiak Chiniak Hwy Rehabilitation MP 15-31	SFHwy 00111	0391015	FHWA assignable	Geotech	2.q	7/1/2022

Geotechnical testing consisting of 22, 4.5" diameter borings to a depth ranging from 25' to 40'. All geotechnical testing locations are adjacent to the Chiniak Hwy within the DOT&PF ROW. A truck or track mounted drill rig will be transported via the Chiniak HWY to the drill locations. Maneuver area of drill rig is on road surface, and there is no planned vegetation clearing. APE is in DOTPF ROW, on a steeply sloped hillside with low potential for archeological resources. When the Chiniak Hwy was constructed the area was disturbed.

JNU Kaxdigoowu Heen Dei Improvements (Brotherhood Bridge Trail Improvements)	SFHwy 00259	TA18010	FHWA assignable	Project update	2.c	7/27/2022
--	-------------	---------	-----------------	----------------	-----	-----------

The Project Update is for vegetation removal within the APE at the location of riprap armoring. The disturbance vegetation was previously cleared during the initial installation of bridge and trail construction. An excavator will be used to clear and grub the vegetation as well as hand tools.

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
JNU Marine, Franklin & Thane: Seward to Mt. Roberts Resurface	SFHwy 00263	0003250	FHWA assignable	Project update	1.e, 2.a, 2.d, 2.h	6/13/2022

Extension of the EOP by 27-ft to overlap an existing surveyed pavement joint. The APE has also been updated to account for drainage inlet protection. Preventative maintenance activities include paving, minor structural section improvements, drainage repairs, striping, signs, and ADA improvements.

POW Hollis Highway Guardrail Improvements	SFHwy 00306		FHWA assignable	New project	2.g	2/25/2022
---	-------------	--	-----------------	-------------	-----	-----------

Replace existing guardrails and guardrail end terminals with parallel end terminals at 27 locations along Hollis Highway from milepoint 7.5 to milepoint 30.5. The installation of the end terminals may require the construction of a flared-out pad at certain locations in existing ROW.

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
Juneau – Egan - Yandukin Intersection Safety Improvements HSIP	SFHwy 00307	0003260	FHWA assignable	New project	1.a, 1.f, 2.g	2/23/2022

This project was inadvertently omitted from the semi-annual report, due to a late database entry.

Make safety improvements to the intersection of Yandukin and Egan Drive in Juneau by reducing speed through the intersection. Radar speed signs will be added along Egan Dr. Lane delineation will be improved and in kind guardrails installed where necessary.

Wrangell Zimovia Highway Rock Fall Mitigation HSIP	SFHwy 00308	0003262	FHWA assignable	Project update	1.h, 2.b	5/23/2022
---	--------------------	----------------	------------------------	-----------------------	-----------------	------------------

Update identifies two locations along the Zimovia Highway in Wrangell which require slope stabilization to address safety concerns: ZM2 and ZM3. At ZM2 (300-ft long) and ZM3 (200-ft long) the bedrock slope is in need of scaling and rock bolting. The bedrock slope will be hand cleared of vegetation. ZM2 and ZM3 will be accessed from the Zimovia Highway.

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
<p>Juneau Experimental Preventive Maintenance Using Sand Seal Tech, Glacier Hwy</p> <p>A sand seal is proposed to be continuously applied to a section along the old Glacier Highway between Vanderbilt Blvd and the Salmon Creek intersection with Egan Drive in Juneau, Alaska. The application of the sand seal will allow performance for resistance to studded tire wear and sealing for eliminating future distressed pavement similar to what the repairs are targeting. Work shall be conducted in one driving lane, between center line and edge of gutter. No new ground disturbance will occur.</p>	<p>SFHwy 00360</p>	<p>0003268</p>	<p>FHWA assignable</p>	<p>New project</p>	<p>1.a</p>	<p>5/24/2022</p>
<p>PSG Emergency Culvert Replacement MP 11.6</p> <p>Update to add relocation of existing utilities.</p>	<p>SFHwy 00379</p>	<p>SDRER00323</p>	<p>FHWA assignable</p>	<p>Project update</p>	<p>2.I</p>	<p>12/8/2021</p>

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
Juneau Non-NHS Chip Seal FY22	SFHwy 00400	0003273	FHWA assignable	Project update	1.d, 2.a, 2.c	12/17/2021

Perform annual maintenance repairing cracks in roads caused by seasonal weathering. The scope of work includes cutting roadside vegetation within the Right-of-Way; re-establishing drainage ditches; sweeping the road surface; and application of CRS-2P oil. A layer of B chips and E chips will cover the oil. Maintenance and repair will take place on the following roadways: 9-Mile Creek Road; Auke Nu Drive and Otter Way; Glacier Highway; Point Stephens Road; Point Stephens Spur Road; Tee Harbor Road; and Amalga Harbor Road. Glacier Highway will receive an asphalt-treated base with chipseal over the improved road surface.

FY22 SE District Highway Striping	SFHwy 00401	0003273	FHWA assignable	New project	1.a	12/8/2021
-----------------------------------	----------------	---------	-----------------	-------------	-----	-----------

The project proposes to re-apply pavement markings at existing facility locations throughout the Southeast District. Locations within the following community areas would receive new markings: Haines, Juneau, Ketchikan, Klawock, Petersburg, Skagway, Wrangell, and Yakutat.

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
FFY22 SR Highway Painting	SFHwy 00402	0003273	FHWA assignable	New project	1.a	12/9/2021

Reapply pavement markings at existing facility locations throughout the Southcoast Region for Maintenance & Operations (M&O).

Locations within the following community areas would receive new markings: Angoon, Gustavus, Haines, Hoonah, Iliamna, Kake, King Salmon, Kodiak, and Sitka.

SOUTHCOAST REGION HIGHWAYS MAINTENANCE & OPERATIONS-FHWA CRRSAA	SFHwy 00405	0003277	FHWA assignable	New project	1.a, 1.d, 1.e, 1.f	12/2/2021
--	----------------	---------	-----------------	-------------	--------------------	-----------

The project will include in-kind maintenance and repairs to existing paved and gravel roadways throughout the region. Activities include avalanche control and clean-up; snow hauling; winter thaw and clean-up; and associated road maintenance. No new ground disturbance will occur as a result of project activities.

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
JNU N DGLS HWY: BONNIE BRAE-DEC 20 SE PR	SFWY 00411	0093002	FHWA assignable	New project	2.a, 2.b, 2.l	6/24/2022

This project will design and construct permanent repairs to assets damaged by the December 2020 storm. The project is needed to repair and stabilize damaged road embankment on the N Douglas Hwy MP 3.46. Repairs may include, but are not limited to, asphalt, embankment, geotextile, riprap, drainage, roadside hardware, and utilities. The majority of the repair and stabilization of the road embankment, geotextile, and riprap are on the road prism and no new ground disturbance will occur.

JNU N DGLS HWY: BONNIE BRAE-DEC 20 SE PR	SFWY 00411	0093002	FHWA assignable	Project update	2.a, 2.b, 2.l	9/27/2022
--	------------	---------	-----------------	----------------	---------------	-----------

This project update is the result of an expanded area of slope stabilization within the original project APE.

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Applicable Tier 1 and 2 Activities	Review Screening Record Approval Date
KTN Wolfe Point Slope Stability Improvements	SFWY 00432	pending	FHWA assignable	New project	2.b	9/2/2022

Repair unstable slopes on North Tongass Highway between MP 3.0 and MP 3.2 in three zones.
 Zone 1: Maximum cut heights are approximately 90 feet tall. Horizontal distance from the roadway to the back of the proposed cut face is approximately 100 feet; blasting, ditching – clean rockfall debris, scaling, drill drain holes as needed, drill dowels, install pinned mesh. Zone 2: Drill rock dowels with an approximate length of 15 feet. Zone 3: Clear vegetation within 15 feet of slope crest and scale loose rock debris from slope; Drill rock dowels with an approximate length of 15 feet.

Tongass Avenue Improvements	Z68091 0000	0902042	FHWA assignable	Project update	2.g	7/6/2022
------------------------------------	--------------------	----------------	------------------------	-----------------------	------------	-----------------

This Project Update involves the moving of a proposed bus pullout at STA92+50LT to a new location at STA94+25 LT which is set on the edge of the existing roadway with boundaries delineated by striping. As a result of the move, two proposed on-street parking stalls are removed. In addition, the bike lane is extended 200 ft, now beginning at First Avenue. No changes were made to the adjacent sidewalk or driveways with this new design. All changes are within the original project APE and the travelway.

Standard Consultation Lists

This section of Appendix 1 contains each region's list of standard consultations processed during the FFY22 reporting year.

Section 106 Programmatic Agreement
Annual Report Standard Consultation Projects
Central Region
10/1/2021 - 9/30/2022

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Project Finding	Finding Letter Date
--------------	-------	-------------------	--------------	--------------	-----------------	---------------------

Knik-Goose Bay Reconstruction	52464	0525016	FHWA assignable	Project update	No Historic Properties Affected	11/3/2021
--------------------------------------	--------------	----------------	------------------------	-----------------------	--	------------------

Utility relocations required additional work in existing easements at five locations outside the previous project APE: S. Volt Street, West Harvest Loop, W Edlund Rd and W Moose Park Dr, S Fern St and E Leota St, and an area parallel to the existing S Century Drive between E Frank Smith Way and E Centaur Ave.

Bethel Tundra Ridge Road Paving	542890 000	STP-0001(207)	FHWA assignable	New project	No Historic Properties Affected	1/24/2022
--	-----------------------	----------------------	------------------------	--------------------	--	------------------

Improve the structure of and pave Tundra Ridge Road; improve drainage as needed; replace culverts at Brown's Slough with a fish passage culvert with head walls and cross culverts as needed; install guardrail on both sides at Brown's Slough crossing; provide signing and pavement markings; replace or widen embankment to accommodate two 11 foot lanes and 4 foot shoulders; utility work including communication, fiber optic, and electric.

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Project Finding	Finding Letter Date
Glenn Highway MP 66.5-92 Pavement Preservation	CFHWY 00394	0A15039	FHWA assignable	Project update	No Historic Properties Adversely Affected	6/16/2022

Additional consultation on project to resurface Glenn Hwy MP 66.5-92; rehab roadway structural sections and stabilize eroded areas; bridge maintenance, repair, and bridge deck overlays; replace, repair or install roadside hardware including lights, signs, guardrail and bridge rail; drainage improvements; intersection improvements; upgrade facilities to comply with ADA requirements; adjust or relocate utilities.

HSIP: CR Guardrail Inventory and Upgrade	CFHWY 00564	0001665	FHWA assignable	New project	No Historic Properties Adversely Affected	7/5/2022
--	-------------	---------	-----------------	-------------	---	----------

Inventory guardrails and guardrail end treatments for condition and conformance with standards; replace guardrail and guardrail end treatments; excavate and replace fill in the road prism; clear and grub vegetation as needed; widen and stabilize roadway embankments.

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Project Finding	Finding Letter Date
Parks Highway MP 99-163 Drainage and Culvert Improvements	CFHWY 00592	0A41042	FHWA assignable	New project	No Historic Properties Affected	9/19/2022

Improve drainage at 23 locations; maintain, repair or replace culverts including possible fish passage; ditch grading; digouts and associated resurfacing; guardrail and end treatments; signage repair and replacement; utility relocations; clearing and grubbing.

Spenard Road Rehabilitation: Minnesota to Benson	CFHWY 00604	TBD	FHWA assignable	New project	No Historic Properties Adversely Affected	5/24/2022
---	--------------------	------------	------------------------	--------------------	--	------------------

Rehab road structure including milling and paving; upgrade curb ramps to comply with ADA; improve signs, striping, signals, ITS and lighting; improve drainage; rehab or upgrade non-motorized facilities including sidewalks, pathways and bike lanes; relocate utilities; add streetscaping and landscaping. Project could also include: reduced number of traffic lanes from 4 to 2 with 2 way left turn lanes; access control; sidewalks, pathways and bike lanes; right of way acquisitions to accommodate improvements; public parking; transit facilities.

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Project Finding	Finding Letter Date
HSIP: Palmer-Fishhook Road and Trunk Road Roundabout	CFHWY 00829	Pending	FHWA assignable	New project	No Historic Properties Affected	2/9/2022

Realigning Palmer-Fishhook Road and Trunk Road at the intersection of the roads; realigning any driveway/apron approaches (as necessary) within the vicinity of the intersection; repaving and restriping of the roadway; improvements/relocation of lighting; improvements/adjustments/relocation of utilities; drainage improvements including ditches, storm drain(s) and culverts; replacement and/or installation of medians, curb ramps, sidewalks and pedestrian facilities to meet ADA standards; replacement installation of guardrails and guardrail end treatments; installation of new signs within the roadway; vegetation clearing and grubbing via mechanical means; landscaping.

Sterling Highway MP 45-60	Z53014 0000	STP-F-021	FHWA assignable	Project update	Adverse Effect/MOA	10/25/2021
----------------------------------	--------------------	------------------	------------------------	-----------------------	---------------------------	-------------------

Provides supplemental information for 2 determinations of eligibility: SEW-1629 & SEW-1630, found not eligible. Project overall will continue to have adverse effects on historic properties and will follow its Programmatic Agreement.

Section 106 Programmatic Agreement
Annual Report Standard Consultation Projects
Northern Region
10/1/2021 - 9/30/2022

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Project Finding	Finding Letter Date
--------------	-------	-------------------	--------------	--------------	-----------------	---------------------

Richardson Highway MP 65-80 Rehabilitation	NFHWO 0149	0711076	FHWA assignable	Project update	No Historic Properties Adversely Affected	6/30/2022
---	-------------------	----------------	------------------------	-----------------------	--	------------------

This UPDATE addresses a request from two consulting parties in relation to a different DOT&PF project (NFHWY00539 Copper River Boat Launch Facility) to re-evaluate the NRHP eligibility of two AHRS cemetery sites that are also located within the APE for the Richardson Highway MP 65-80 Rehabilitation project. Provides an updated finding of effect for the project that incorporates the changes to the sites' NRHP eligibility.

Richardson Highway Bear Creek Bridge #0593 Replacement	NFHWO 0278		FHWA assignable	Project update	No Historic Properties Affected	10/5/2021
---	-------------------	--	------------------------	-----------------------	--	------------------

Replace the Bear Creek Bridge (#0593) with a new single-span precast decked bulb-tee girder bridge (approximately 100-feet long). The bridge will be placed on a new alignment, downstream (to the west) from the current bridge location. Reconstruct the Richardson Highway between MP 232 and 234.5 to tie into the new bridge location. Widen the shoulders of the Richardson Highway between MP 232 and 234.5. Apply pavement markings. Make surface drainage improvements, including replacing existing (in the same locations at the same depth). Relocate underground utilities. ROW acquisitions. Replace existing roadside hardware (guardrails and signs).

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Project Finding	Finding Letter Date
Copper River Boat Launch Facility	NFHWO0539	pending	FHWA assignable	Project update	No Historic Properties Affected	2/14/2022

This UPDATE establishes a revised project number and name (NFHWY00539 Copper River Boat Launch), adds four additional Material Sites (MS 71-1-006-5, MS 850-032-5, MS 850-008-5, and MS 850-085-5) to the project description, increases the project incorporate the additional MSs, and provides an updated finding of effect that incorporates the changes in the project description and the APE.

Winter Trail Marking-Lower Kuskokwim 2022	NFHWO0546	0005(918)	FHWA assignable	New project	No Historic Properties Affected	5/23/2022
<p>The proposed project will install high reflective winter trail markers approximately 100-200 feet apart along the existing trails in the Lower Kuskokwim region and adjacent areas, specifically from Dillingham to Ekwok to New Stuyahok to Koliganek, Dillingham to Manokotak to Togiak, and Kipnuk to Kwigillingok to Kongiganak to Tuntutuliak.</p> <p>Installation of trail markers will either consist of a carsonite marker that is shoved into the snow/ice, or a tripod that is mounted on the ground surface. Winter work- No ground disturbance is anticipated.</p>						

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Project Finding	Finding Letter Date
Edgerton Highway MP 24-29 Reconstruction	NFHWO0587	0850030	FHWA assignable	New project	No Historic Properties Affected	3/15/2022

Resurface the Edgerton Highway between MP 24- 29. Vegetation clearing (via hydroaxe) along the proposed alignment and in MS 850-031-5, MS 850-032-5, and MS 850-033-5); replace signs; replace guardrails and update end terminals; embankment widening required to install new guardrail; reconstruction from MP 24.9 to MP 25; reconstruction from MP 26.6 to MP 27.4 to include grade raise and grade reduction; drainage improvement- recondition ditches, replace existing culverts; reapplication of pavement markings; resurface approaches; bridge repairs (Liberty Falls Campground Bridge #0285, Liberty Falls Creek Bridge #0279; utility relocation (Underground- where culverts are being replaced).

Elliott Highway MP 18-29 Resurfacing	NFHWO0588	Pending	FHWA assignable	New project	No Historic Properties Affected	7/1/2022
---	------------------	----------------	------------------------	--------------------	--	-----------------

Vegetation clearing (via hydro-axe) along the ROW and in MS 680-015-2 (MP 29 Pit) and MS 680-001-2 (Chatanika Pit). Replace existing signage (at the same locations and same depth). Replace existing guardrails & update terminals. Application of new surface course along the project corridor and reconstruction of roadway in first two miles of Project. Reapplication of pavement markings. Resurfacing existing approaches. Widening the embankment by 4-feet. Reconditioning ditches along the Project corridor. Replacing existing culverts. Bridge repairs for Washington Creek Bridge. Remove and replace asphalt surface and waterproofing membrane. Repair transitional rail. Patch cracks and spalls in adjacent girders. Utility Relocation.

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Project Finding	Finding Letter Date
Cordova Second Street Reconstruction	NFHWO0595	0002493	FHWA assignable	New project	No Historic Properties Adversely Affected	6/22/2022

Replacement of approximately 3,800 linear feet of existing sidewalk on both sides of Second Street to bring them up to ADA standards. Replacement of roadside hardware (streetlights, signage- similar in type as currently exists in Cordova). Modification of storm water runoff system (storm water runoff from buildings currently empties into the sewer system, modifications would funnel storm water runoff into the existing storm drain system). Drainage improvements (installation of a new culvert at the intersection of the Copper River Highway and Second Street). Pavement resurfacing and striping. Underground utility relocations.

Fairbanks Area PM 2.5 Motor Vehicle Plug-ins	NFHWO0627	pending	FHWA assignable	Project update	No Historic Properties Affected	5/27/2022
---	------------------	----------------	------------------------	-----------------------	--	------------------

This Update extends the project APE for the Chena Lakes location only, allowing for changes to the location of the Plug-ins and alternate locations for the installation of new powerlines/conduit to connect to the currently existing power supply. At Chena Lakes DOT&PF plans on installing overhead power lines, power poles, transformers, and, potentially, perform tree clearing and grubbing. Head bolt outlet installations require trenching from the utility poles to the metering equipment, load center and head bolt outlets themselves. Conduit will be placed in the trenches and backfilled. Trenches will be approximately three-feet deep, foundations for head bolt outlets will be about four-feet deep.

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Project Finding	Finding Letter Date
FAST Area Surface Upgrades FFY2023	NFHWO0633	Pending	FHWA assignable	New project	No Historic Properties Affected	9/9/2022

Fairbanks: Dog Park regrading the existing gravel driveway and parking area at the Dog Park to establish proper drainage; replacing the existing curb and gutter; repairing or replacing damaged sections of the asphalt paved bicycle/pedestrian path; clearing vegetation in previously cleared areas. In North Pole Aztec Suvdivision: consist of milling and repaving the following asphalt paved roads, gravel roads will be asphalt paved. Replace existing signage, replace failed culverts and clean/clear/re-establish existing ditches within the ROW.

Richardson Highway MP266-341 Passing Lanes	Z607150 000	0A023(021)	FHWA assignable	Project update	No Historic Properties Affected	1/31/2022
<p>Construct eight passing lanes within four general locations along the Richardson Highway between MP 266 and 344. The proposed passing lanes range in length from two miles to one mile and are spaced six to sixteen miles apart. The new segments are located between MP 270.2-271.3 Northbound (NB), MP 273.6-272.5 Southbound (SB), MP 290.8-292.8 NB, MP 294.1-292.4 SB, MP 316.5-318.4 NB, MP 320.4-319.1 SB, MP 326.6-327.7 NB, and MP 329.8-328.8 SB.</p>						

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Project Finding	Finding Letter Date
Alaska Highway MP1235-1268 Rehabilitation	Z607520 000	303232	FHWA assignable	Project update	No Historic Properties Adversely Affected	2/1/2022

This Update includes: Construct temporary detours for culvert replacements; Plac ACE embankment (riprap) at the toe of slope at MP 1265 and 1267 to complete slide repairs; repair an existing mailbox; vegetation clearing and grubbing.

Richardson Highway MP 148-173 Reconstruction	Z631860 000	0713(010)	FHWA assignable	Project update	No Historic Properties Affected	1/18/2022
--	----------------	-----------	-----------------	----------------	---------------------------------	-----------

Update for construction of a temporary access road to connect an existing Alyeska Pipeline access road (30-APL-1) to the northern edge of a retired Alyeska material source near MP 171 of the Rich Hwy.
This retired Alyeska material source is proposed to be reclaimed so that unusable/and or excess soils generated from the Richardson Highway MP 167-173 reconstruction project may be disposed of. Upon completion of the project, the temporary access will be reclaimed & blocked with large boulders to prevent access to the disposal site. The temporary access road will be graded to simulate natural topography & capped with six inches of organic soils, seeded, and fertilized.

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Project Finding	Finding Letter Date
Parks Highway Milepost 183-192 Reconstruction	Z633890000	0A43021	FHWA assignable	Project update	No Historic Properties Affected	10/14/2021

This Update extends the DOT&PF ROW along the Parks Highway from MP 186.75 to MP 187.6 to accommodate an alignment change, which requires an expansion of the project APE

The UPDATE also reduces the size of the APE at the beginning of the project. The project now begins at MP 183.1 rather than MP 182.9. This UPDATE increases the size of the APE at the end of the project from MP 188.25 to 188.3.

Selawik Barge Landing Access Road and Boardwalk Improvement Project	Z637720000	STP-0002(280)	FHWA assignable	Project update	No Historic Properties Affected	11/4/2021
--	-------------------	----------------------	------------------------	-----------------------	--	------------------

This UPDATE: Expands the APE at the Rainbow Bridge (#1401) to accommodate additional in-water work on the eastern bank of the Selawik River; expands the APE around the barge landing access road to accommodate road widening; shifts the APE at the barge landing staging area to the southwest to take advantage of elevated ground; expands the APE associated with the boardwalks adjacent to North Tundra Road and River Street; adds additional ROW to the project description; removes boardwalk installation from the project description and reduces the APE adjacent to the following roads: Selawik Winter Trail, 3rd Avenue, 4th Avenue, 5th Avenue, River Street, Commercial Avenue, Skin Street, and Community Hall Road.

Section 106 Programmatic Agreement
Annual Report Standard Consultation Projects
Southcoast Region
10/1/2021 - 9/30/2022

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Project Finding	Finding Letter Date
JNU Douglas Hwy Resurface & Sidewalk Repairs	SFWY 00058	0958032	FHWA assignable	Project update	No Historic Properties Adversely Affected	6/17/2022

Updates include repairs to Lawson Creek Bridge including replacement of existing guardrails and bridge transition rail and repairs to existing joints.
Update includes expansion of APE to accommodate minor changes to easements and temporary construction easements.

KTN Water Street Trestle No. 1 Improvement	SFWY 00069	0003224	FHWA assignable	Project update	No Historic Properties Affected	12/3/2021
--	------------	---------	-----------------	----------------	---------------------------------	-----------

Update to extend the area of potential effect to include additional paving location and accommodate equipment staging.

Project Name	AKSAS	Federal Project #	Project Type	Process Type	Project Finding	Finding Letter Date
JNU Kaxdigoowu Heen Dei Improvements (Brotherhood Bridge Trail Improvements)	SFHwy 00259	TA18010	FHWA assignable	New project	No Historic Properties Affected	6/17/2022
<p>The project proposes to replace or modify the pedestrian bridge at Montana Creek to provide a larger span for more natural stream movement and to allow emergency and maintenance vehicle use; rock armor Montana Creek streambanks to increase the expected life of the new/modified bridge; rock armor riverbanks under and upriver of the Mendenhall River Pedestrian bridge to prevent further erosion; construct/reconstruct trail which includes repairing subgrade in select areas, repaving the trail and adding shoulders; replacing/adding culverts; and construct approximately 1,500' of new trail section to the Wildmeadow and Pederson Hill neighborhoods.</p>						
HNS HWY Reconstruction Milepost 3.9-25.0	Z68606 0000	0958028	FHWA assignable	Project update	Adverse Effect/MOA	1/5/2022
<p>Updated consultation for final phase of construction, phase 3, MP 20-23. Expand APE for design refinement to realign the replacement Chilkat River Bridge back to original alignment, with slight widening for daylight (clearing) limits. Previously, DOT&PF planned to locate the replacement bridge downstream of the current alignment. Consultation also addressed NRHP eligibility status for the Donnelly Cabin site (SKG-00085) and Haines Fairbanks Pipeline Gate Valve 4 (SKG-00206). Overall project finding continues to be Adverse Effect from prior consultations.</p>						

Appendix 2: Program Monitoring -- Project Review

May 15, 2023

1.0 Introduction

The 106 PA requires annual program monitoring under *Stipulation IX.D.2.b*. As part of that monitoring, DOT&PF elected to perform a detailed review on a random selection of projects, distributed evenly across regions. This appendix provides the results.

This project review was conducted to supplement other monitoring measures that were in place. These included review of Programmatic Allowance documentation during preparation of semiannual reports; and ongoing informal communication and coordination among the SEO, region PQIs, and the OHA Cultural Resources Liaison.

The period covered by this review is October 1, 2021, through the end of the federal fiscal year on September 30, 2022.

2.0 Goals and Methods

The goal of the project review was to assess conformance with procedures and adequacy of documentation, building on the results from last year's FFY21 review. Past assessments have randomly selected projects for in-depth reviews, balancing a sample size that could illuminate areas for improvement with a manageable number of reviews. This balance was typically achieved in the range of 10-15% of the year's total Section 106 actions. The FFY22 assessment takes a similar approach, with particular focus on the improvement topics identified in previous years.

Using information from the Section 106 database, the SEO compiled lists of the completed streamlined reviews and standard consultations for each region, and applied a random number generator to the lists to select project actions for review. As in previous reviews, the SEO prepared checklists to assist reviewers in observing a shared set of baseline procedural and documentation topics. For FFY22, reviewers used essentially the same checklists employed during FFY21, with a focus on general assessments of file completeness and conformity to the PA.

Twenty-five projects were selected for monitoring review, the same as last year. The number chosen for review reflects approximately 20% coverage of the total Section 106 findings and streamlined reviews processed during the reporting period. The review set consisted of 15 streamlined review projects: six in Central Region (CR), six from Northern Region (NR), and three from Southcoast Region (SR)¹ as well as 10 standard consultations: three from CR, four from NR, and three from SR. Streamlined projects were processed per *Stipulation V* of the 106 PA; standard consultation projects were processed per Appendix D of the 106 PA.

Each regional PQI uploaded digital files for the selected projects into a shared drive. The SEO Cultural Resources Manager (CRM) and an SEO NEPA manager/archaeologist reviewed all of the selected projects.² Region PQIs were also invited to conduct reviews of other regions'

¹ There were no SEO projects during the reporting year. SEO PQIs assisted regions during region PQI vacancies; those projects are included among the region lists.

² The selection pool was based on a list of completed Section 106 actions, rather than on projects per se. Some projects have more than one completed Section 106 action during the review year. The random selection process is structured to identify specific actions for review. This selection technique can occasionally result in the selection of projects which have more than one Section 106 action during the reporting year. In past years, when a selected project had multiple completed actions during

projects, for additional perspective and peer information sharing; however, no region PQIs were able to participate in the review due to time constraints. SEO compiled the review results. The SEO CRM discussed project-specific observations with region PQIs individually and will hold a teleconference with region PQIs to discuss broad topics from the review.

While the checklists provide a means to examine project Section 106 files to illuminate areas where procedural or documentation issues may be emerging, they can also pick up small-scale, project-specific imprecisions. It is not the goal of the project review report to focus on these items. SEO discussed such projects with PQIs individually during this review and requested annotations to the project files where clarification was needed. The purpose of this report is to present an assessment of how well the procedural and documentation requirements in the PA are being implemented. These requirements include ensuring that:

1. Streamlined Review projects qualify under the specifications outlined in the 106 PA Appendix B, and that their documentation supports this.
2. Standard Consultation projects have followed the process outlined in the 106 PA Appendix D and do not have substantive issues with: consultation protocols; conformance with 36 CFR 800.4-800.7; adequate support for 4(f) processing when needed; or general documentation.

The review also seeks to identify best practice areas, as well as emerging questions and areas for improvement in execution or procedural adaptation.

Because project updates can raise different review and processing issues, a separate results section (5.0 Results: Project Updates) is included to provide additional discussion of those projects.

3.0 Results: Streamlined Review Projects

Of the fifteen streamlined projects selected for review, two were Tier 1 and the remainder were Tier 2. Five of the streamlined reviews were project updates. Updates are discussed further in Section 5.0.

Tier 1 projects are defined as those consisting solely of Tier 1 activities. Tier 2 projects are those which consist of Tier 2 activities, or a combination of Tier 1 and Tier 2 activities. For Tier 1 projects, the primary compliance subject is whether they were correctly classified for Tier 1 review, since Tier 1 does not require establishment of an APE or consideration of the general conditions that would apply for Tier 2.

Tier 2 allows projects with a wider variety of activities to be processed as streamlined reviews. For Tier 2 projects, APEs must be defined and documented, and the project must meet general conditions (GC) to qualify. The primary compliance review focus for Tier 2 projects is whether they indeed qualify for streamlined review or instead require standard consultation. Documentation of project APEs and fulfillment of general and allowance-specific conditions provide some of the necessary file support for Tier 2 qualification.

the reporting year, the SEO PQIs also looked at these associated actions during the review. Due to time constraints this year, SEO did not conduct these additional reviews.

Tier 2 projects can also include Tier 1 components. When a Tier 2 project has a combination of components, any activities which include the possibility of improvements or upgrades should use the Tier 2 version of the allowances, rather than the parallel Tier 1 allowance. This helps to ensure that an appropriate APE is developed.

With all streamlined reviews, it is important for PQIs to continue to communicate to project teams that subsequent project updates require additional 106 review, and depending on the extent or location of the updated work, may result in the project no longer qualifying for streamlined review.

3.1 General File Completeness

The review protocol relied on digital files for assessment, as uploaded by PQIs to a shared drive. Regions vary in their overall filing protocols, but all of the reviewed projects had signed streamlined review forms. This year, one reviewed project needed to add a map to the file; all others were complete.

3.2 Tier 1 Projects: Documentation Supports Tier 1 Classification³

The proportion of streamlined reviews that consist solely of Tier 1 projects has remained consistently modest, at about 20-30% or less of annual totals. Two of the reviewed projects this year were Tier 1, and no substantive issues were observed. Recent program reviews have not indicated concerns with Tier 1 projects, and SEO has retained the general recommendations for Tier 1 projects. One region in particular has developed a strong and consistent documentation of Tier 1 activity-specific conditions that can be a model for others, and as such is used by SEO as examples for new PQIs.

Recommendation: Previous program monitoring reports included recommendations that PQIs should continue to work with project teams to clarify proposed activities to the extent possible; to note Tier 1 allowance-specific conditions, as applicable; to prepare a Tier 2 review in cases where the possibility of new components is likely; and to communicate that subsequent updates to project activities require additional 106 review. DOT&PF will continue to implement these recommendations.

3.3 Adequate APE Description/Documentation for Tier 2 Projects

The goal of documentation is to enable any reviewers to understand the basis for the decision. Documentation of the APE can be a combination of narrative description, figures, and work location charts; the combination must enable a reviewer to understand the APE location. If detailed figures are not available, the APE description or other attachments need to fill the gap. Reviewers noted that these APEs were generally clear and understandable either by graphic, narrative, or a combination of the two. SEO reviewed thirteen Tier 2 forms. Eleven of these projects had good descriptions or documentation of the APE. The remaining two projects were also adequate, but would have benefitted from better maps.

³ Tier 1 projects consist of activities that have minimal potential to affect historic properties if the prescribed conditions are followed. Some other states' 106 PAs label these kinds of activities "exempt." The concept is similar for Tier 1 allowances, in that these activities are so modest that projects that qualify for this Tier would have a low documentation burden. When the project is limited to Tier 1 activities, establishment of an APE or an AHRs search are not required, since the key element for qualification is the type of activity, rather than where it occurs (subject to the appropriate conditions). As noted in previous years, occasionally Tier 1 project documentation may be exceeding what was expected during PA development. SEO is not advising a change in practice for projects that include the additional information at PQI discretion, but would re-state for future file reviews, that the level of documentation can be commensurate with the Tier type being processed.

Recommendation: APE definition continues to be a risk area for streamlined review compliance. It can be the key to whether a project qualifies for Tier 2 or should proceed to standard consultation, particularly when adjacent properties may need consideration. PQIs should continue to carefully define APEs and assess whether projects qualify for Tier 2. Documentation of the APE must enable a reviewer to understand its location and extent.

Previous program monitoring reports included a recommendation that PQIs should continue to coordinate with project teams to confirm whether project activities include improvements or upgrades so that Tier classification is accurate, and so that projects which fall into Tier 2 have appropriate activities considered when the APE is delineated. DOT&PF will continue to implement this recommendation.

3.4 Adequate Documentation that GCs Were Considered for Tier 2 Projects

All three regions have been including explicit confirmation that each of the general conditions is met. These statements are provided directly on the screening record form, or in attached memos.

In two cases, reviewers noted instances where references to general conditions could be improved upon. On the form for one project, General Condition #6 was left blank, due to a cut and paste error. For the other project, an archaeological site was incorrectly discussed as part of General Condition #4, when it would have been more appropriately described under General Condition #5.

Recommendation: PQIs will continue to indicate how each of the Tier 2 GCs are met. SEO will review best practices for documenting GCs in refresher training, and will work with new PQIs on this topic. SEO will remind PQIs to carefully proofread the General Conditions before form approval.

3.5 Streamlined Reviews Addressed Historic Roads Consideration When Applicable

Under the 2019 Appendix B revision, Tier 2 allowances may be used regardless of the National Register of Historic Places (NRHP) eligibility status of roads in the APE, with a few exceptions relating to specific allowances (2.g, 2.i, and 2.r). When a project proposes to use those allowances, and introduces new elements such as new roadway components, new bike/pedestrian facilities, new turning or auxiliary lanes, new roundabouts, etc., the project may still qualify for streamlined review after additional consideration; this consideration is referred to as Historic Roads Analysis (HRA). For example, using HRA, the PQI may determine that the project's new roadway elements are similar in scale and character to existing features, and the project can proceed as a streamlined review. The PQI may also use the HRA option of informal consultation with SHPO on the project's limited effects to the road, document their agreement, and proceed with streamlined review.

One culvert replacement project could have more clearly documented whether HRA applied for a 2.g allowance, which was noted as a minor issue. No other issues were observed in the projects in the review set. Overall, the HRA process is working as intended to preserve simplicity of streamlined reviews while allowing PQIs to identify situations where projects should be handled as standard consultations. PQIs are working collaboratively with analysts and project teams to get the most detailed description of the work so they can ascertain whether HRA is needed and whether it applies.

Recommendation: PQIs should continue to work closely with analysts to get up-to-date project information to determine whether HRA is necessary. PQIs will continue to work with SEO and SHPO when questions arise regarding historic roads and the use of streamlined review. SEO will continue to include a reminder in refresher training regarding allowances which do not trigger HRA.

3.6 Geotechnical Consultations

Geotech investigations are part of background work during project development, with timing that varies considerably. They may be necessary on projects that qualify for streamlined review as well as projects that proceed through standard consultation. The investigations typically take place prior to the project's Section 106 finding of effect. They would generally, but not always, follow an initiation of Section 106 consultation on the larger project. For example, a small geotech investigation could be warranted in a roadbed for a streamlined review project, which does not otherwise require consultation, or for a project which is following the Direct to Findings protocol.

The reviews showed that PQIs are regularly considering and documenting access to drilling locations, a tier-specific condition, when applying the programmatic allowance.

Geotech projects accounted for 8% of the total projects processed during FFY22. Although the number of geotech reviews was down in FFY22, the streamlined review process continued to be an important tool. Of the ten standalone geotech investigations processed, all qualified for streamlined review. Geotech projects accounted for 10% of all projects processed with programmatic allowances.

Recommendation: SEO will continue to track the use of streamlined reviews for geotech investigations.

4.0 Results: Standard Consultation Projects

Projects which are not eligible for streamlined review are processed through standard Section 106 consultation, as described in the 106 PA Appendix D. Since these projects have gone through external consultation to resolve historic property concerns, this annual review focused on general documentation and on topics which were raised in prior years' reviews.

Ten sets of consultation letters were reviewed. Eight of these had No Historic Properties Affected findings and one had a No Adverse Effect finding. One project was an update to a project with a previous finding of Adverse Effect. Five of the reviewed sets were updates.

4.1 Letters Follow Currently Approved Templates⁴

General

SEO last updated consultation letter templates in August 2020. In general, SEO has observed that the PQIs often go the extra mile to respond to requests and coordinate between project teams and consulting parties.

⁴ A note on templates: 106 PA Appendix D requires DOT&PF PQIs to use currently approved Section 106 letter templates for initiation of consultation and findings. Current templates are posted on the DOT&PF SEO Historic Properties webpage at <http://www.dot.state.ak.us/stwddes/desenviron/resources/historicproperties.shtml>. These tools were developed to ensure that pertinent up-to-date regulatory information, consultation topics, and supporting material are included in formal Section 106 communications with various types of consulting parties. Tribal templates also include specific language for federally recognized tribes.

One project in the review set did not follow the templates regarding statements for the project's finding of effect. Although it was generally clear from the context and other parts of the letter what was intended, there should always be a direct statement of the finding of effect and its supporting rationale near the conclusion of the letter, as provided in the templates. Another project had a minor proofreading error in the letter's header, where a different project was inadvertently referenced.

Recommendation: SEO will be reminding the PQIs to proofread for template language.

Clear delineation of Area of Potential Effect (APE)

No substantive issues were observed. Reviewers made some suggestions for best practices on occasional label clarity and figure preferences.

Recommendation: PQIs should continue to ensure that APE figures use Section 106 terminology and are consistent with the APE delineation in the letter.

Tribal consultation letters

DOT&PF recognizes that Section 106 consultation with tribes extends beyond formal consultation letters. In past years, PQIs in all regions have worked to develop personal contacts with tribes and tribal staff, and facilitate informal consultation on projects.

With regard to consultation letters, templates for initiating consultation with tribes includes language requesting consultation on places of traditional religious and cultural importance. Additionally, both initiation and findings letter templates for federally recognized tribes include a notification that tribes may conduct consultation on a G2G basis with the FHWA. This year's review noted a project where a newer PQI had not used the tribally-specific language; this was rectified at the time. The review also noted that a project in a different region had inadvertently omitted the language in one instance, which appeared to have been a coordination matter with a newer analyst.

The review checklist also inquired about inclusion of ANCSA corporations in project consultations. Both regional and village corporations are regularly consulted on projects. This is a complex area as differences exist among the ANCSA regions and entities. For example, the Doyon, Limited regional corporation regularly responds with acknowledgement of contact, but generally indicates no further interest in projects that occur off their corporation lands, while other regional corporations and/or their heritage subsidiaries express interest in all projects within their shareholders' traditional areas. PQIs have been building institutional knowledge for their respective regions, based on previous consultations and preferences expressed by these entities.

Recommendation:

SEO continues to re-emphasize use of the relevant language. This topic is also included in the Cultural Resources chapter of the NEPA Assignment Program Environmental Procedures Manual. The SEO will continue to emphasize this topic in the annual 106 PA refresher training, and at upcoming CRT meetings. PQIs and project teams should continue to coordinate closely to ensure that federally recognized tribes receive letters with the G2G language at all points in the consultation.

Inclusion of other regulatory-required parties

No issues were observed regarding this topic in this year's review.

Recommendation: PQIs should continue to ensure that Section 106 letters are provided to all pertinent consulting parties.

SHPO-specific letters and Section 4(f)

The findings letter templates include language for Section 4(f) coordination with SHPO in two specific situations, if applicable: for notification of *de minimis* findings, and for the archaeological site exception under 23 CFR 774.13(b). Other coordination with SHPO as the Official with Jurisdiction (OWJ) for 4(f) resources is typically handled separately from the Section 106 consultation. In the past, SEO had encountered a few cases where Section 106 letters contained other 4(f) language which was extraneous to the Section 106 coordination; this issue was not observed in this year's review.

Under the NEPA Assignment program, SEO NEPA Managers determine the applicability of Section 4(f) to a project and ensure compliance with its requirements. Since Section 4(f) applicability varies according to a particular project's circumstances, some projects will require Section 4(f) coordination with the SHPO as OWJ and others will not. As such, project environmental analysts and/or the PQI should coordinate with the NEPA Manager to determine whether the Section 4(f) language in the Section 106 findings letter templates is needed for their project. During the Section 106 virtual training in November 2021, SEO worked with the instructor to emphasize the importance of this communication. Section 4(f) specific training was also held in February 2022 where the NEPA manager-PQI coordination was also discussed.

This year's review noted no problems with 4(f)-specific language in findings letters. After noticing some issues during past reporting periods, SEO increased the frequency of reminders to PQIs and analysts that the NEPA manager should be consulted before including any 4(f) language, and that SEO cultural resources staff should additionally be consulted before including language not offered within templates. As noted above, SEO worked with trainers who presented Section 4(f) and Section 106 courses to DOT&PF staff to further emphasize this point. SEO did note one project whose findings letters to other consulting parties incorrectly contained other SHPO-specific language pertaining to concurrence; these were minor cut and paste errors.

Recommendations:

PQIs and environmental analysts should work together to coordinate Section 4(f) applicability with the appropriate NEPA Manager before finalizing findings letters. PQIs should also review consulting party letters to ensure that letter contents correlate to the recipients.

4.2 Letter Enclosures on File

The reviewed projects had complete enclosure sets on file. Reviewers noted that one group of letters in the review set was not signed with a digital signature, although the letters did contain the PQI's name in the signature block, and had been officially transmitted to consulting parties via PQI email. SEO has discussed with the PQI.

While this review did not explicitly address the content of survey report enclosures, since it is not a 106 PA compliance topic, PQIs consistently indicate that survey report review continues to be a substantial time-consuming task. This year, PQIs faced more challenges than ever in

reviewing incoming cultural resource survey draft reports, as report quality and preparers' experience levels dropped among a subset of consultants.

Recommendation: PQIs should continue to review enclosures and figures for clarity, since these are part of the compliance record.

4.3 Direct to Findings (DTF) Decision Documented Appropriately, if Applicable

Of the ten letter packages reviewed, one was processed as a DTF. Projects that do not send an initiation letter prior to sending a findings letter are required to complete a Direct to Findings (DTF) worksheet to document the appropriateness of this decision. Project teams are expected to initiate consultation early in project development; the DTF worksheet was developed as a tool to identify occasional exceptions. Use of the DTF option and form works well to address certain types of projects. No issues were observed in this year's review.

4.4 Standard Consultation Projects Followed Historic Roads Guidelines

Historic roads consideration for standard consultation projects is found within Appendix J of the Section 106 PA. This appendix provides guidance on when a road DOE is needed, and how to conduct such a DOE if one is required. Appendix J.I outlines scenarios where historic road identification is not necessary. Appendix J.II describes the processes for identification and evaluation of historic roads.

Overall, the incorporation of historic roads consideration into the Section 106 PA process has seen many successful examples of cooperative consultation between the SHPO's office and DOT&PF.

Recommendation: SEO, region PQIs, and SHPO should continue to work closely together to ensure that historic roads consideration is implemented efficiently and smoothly into project development.

4.5 Confidentiality Guidelines Followed as Applicable

No issues were observed in the reviewed projects. Overall, the PQIs are ensuring site confidentiality during the Section 106 process, and there does not appear to be a broader issue regarding Section 106 consultations at this time.

However, the SEO and a region team became aware of a site confidentiality issue on a Planning and Environmental Linkages (PEL) study being carried out by a consultant. SHPO reached out to DOT&PF when they learned of AHRS information being included in PEL documents at a public meeting and online. The pertinent region PQI coordinated with the project manager to work with the consultants to have the material redacted. SEO coordinated cross-regionally with REMs and PQIs to emphasize with environmental staff, project managers, and consultants to be aware of existing guidance in the DOT&PF PEL guidebook, cultural resources confidentiality guidance, and OHA AHRS policies to help prevent the issue going forward. SEO is also updating the cultural resources confidentiality guidance on the DOT&PF historic properties webpage to address these situations.

4.6 Assignment Notification under NEPA Assignment MOU

The Section 106 PA Appendix D requires that assignment status be indicated in consultation. Additionally, the NEPA Assignment MOU requires that certain language be included on the

cover page of reports, or included in the environmental document as part of the project's record.⁵ Under NEPA Assignment, all FAHP projects are presently assigned.⁶

All of the reviewed letters contained the language required by the NEPA Assignment MOU. The program review noted two instances where survey report enclosures prepared by a PQI were lacking the MOU language on the cover page. Based on a close read of the MOU requirement, SEO believes that since these reports were submitted to all parties in conjunction with correspondence that clearly stated the assignment status, there is no material MOU compliance concern. However, the best practice continues to be to ensure that the statement is included on the cover page, since at a later time, these reports could be viewed independently of the Section 106 submittal.

Recommendation:

PQIs should continue to ensure the MOU assignment language is present on all report covers, regardless of internal or external authorship. The Statewide NEPA Assignment Program Manager sent guidance to all regions (January 8, 2021) which outlined when the language must be used on DOT&PF documentation. This guidance is also posted on the historic properties website.

5.0 Results: Project Updates

There were ten updates of previous reviews or consultations in the review set. Five were processed via streamlined review, and five through standard consultation under Appendix D. Project update processing has become more consistent over the past few years. The most important aspect--ensuring that project changes are being incorporated into updated Section 106 review--appears to be operating well.

Updates via Streamlined Review

Streamlined review may be employed for an update if the PQI determines that all of the new proposed work falls within the Tier 1 and 2 parameters, including all conditions. It can be used for projects which originally completed the Section 106 process with either standard consultation or streamlined review.

No issues were observed with streamlined review updates in the review set. Reviewers also noted several forms which provided strong examples of clarity in figures and text regarding project changes, which can be used for future training. The streamlined review approach to project updates has been beneficial in terms of time saving for project delivery, and in terms of allowing PQIs to focus efforts on more complex project changes and new projects.

Updates via Standard Consultation

If an update falls outside the parameters for streamlined review, the project is updated via consultation letter according to the protocols in the 106 PA Appendix D. The expectation is that there would be a new findings letter, including all parties from the original consultation, if there

⁵ The statement is "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."

⁶ The NEPA Assignment MOU (dated November 3, 2017), went into effect November 13, 2017. A small group of sub-programs and projects were excluded from assignment at that time, as designated in the MOU's Section 3.3.2. These have subsequently been included in the assignment program, as of August 20, 2020. At the time of this report's preparation, a renewal of the MOU has gone into effect, as of April 13, 2023.

are substantive changes. As clarified in prior program review reports, an update with SHPO alone may be appropriate if: the minor nature of an update's scope, scale, and lack of effects are clear; there were no previous consulting party concerns; and SHPO agrees with the approach. The rationale behind this decision requires documentation in the project file.

No issues were observed in the review set. SEO did note several examples of best practices in update letters. These included steps to make it clear to consulting parties that the update was a continuation of consultation, and not consultation on a new project, such as language to indicate what has changed since previous consultation, e.g., APE expansion and continued findings of effects. Reviewers also noted a best practice strategy of clearly indicating original APE and APE change in figures appended to several of the update letters.

Updates which are processed as standard consultations fall into two types: 1) updates where the project had changed, and 2) updates when 5 years or more had passed since the project's last findings letter. When an update occurs due to this passage of time, DOT&PF's practice is to reach out to consulting parties to re-initiate consultation before making an updated finding. This practice takes into account that the individuals receiving consulting party letters may have changed in the interim, and may be unfamiliar with the project. Exceptions can be made in coordination with SEO.

SEO observed multiple examples of regions using graphics in addition to text to clearly show how an APE had changed in an update letter, when applicable. These included depicting the original consultation APE in one color and the adjusted APE in a different color, or otherwise using symbology to clearly differentiate between original APE and what had changed. Efforts to make this clear for all consulting parties were evident. Other best practices included an example of a clear narrative project description which indicated the updated information in a focused labeled subsection.

Additionally, some projects require follow-up findings letters prepared in response to SHPO or consulting party requests for more information to support a DOE or finding. These are entered in the reporting database as updates to distinguish them from the original findings letters, but are essentially follow-up communications to complete the project's Section 106 consultation.

Recommendation:

Overall, the 106 PA has provided a valuable mechanism for streamlining minor updates through the Programmatic Allowances. PQIs should continue to follow the established protocol either with streamlined project review update forms or approved letter templates. If a gap in correspondence of five or more years has occurred, PQIs should re-initiate Section 106 consultation prior to sending findings. Updated findings letters and streamlined reviews should clearly reference previous consultation to a degree that allows a cold reader to follow along. An update letter should clearly state the findings for the project as a whole in the conclusion of the letter, rather than exclusively focusing on the changed portion or activity of the project. SEO is available to review and assist with letters for optimal organizational flow when complex situations arise beyond the coverage of existing templates.

6.0 Conclusion

This monitoring review provided an opportunity to observe how the 106 PA processing evolved and strengthened during the reporting year. Best practice areas continue to include good coordination among PQIs and the OHA Cultural Resources Liaison and SEO; good work by PQIs in communicating with region staff on application of the 106 PA; stronger and more consistent communication with NEPA managers on Section 4(f) language prior to letter submittal; some good examples of explaining updates; and generally strong file documentation.

Key recommendations from the FFY22 review are summarized below.

Streamlined Reviews

- For Tier 1 projects, PQIs should continue to work with project teams to clarify proposed activities to confirm a project does not necessitate Tier 2 processing. This includes noting how allowance specific conditions are met.
- PQIs should continue to carefully define Tier 2 APEs and assess whether projects qualify for Tier 2, or should go to standard consultation.
- Tier 2 General Conditions should continue to be individually acknowledged in the Tier 2 processing package. Any Tier 2 or Tier 1 allowance-specific conditions should also be acknowledged.
- In the case of Geotech streamlined forms, it is recommended that the streamlined review update form clearly indicate what the APE is for the geotechnical activities and if necessary, differentiate this from the larger project APE.
- PQIs should continue to work closely with analysts to get up-to-date project information to determine whether HRA is necessary. PQIs will continue to work with SEO and SHPO when questions arise regarding historic roads and the use of streamlined review.

Standard Consultations

- PQIs should continue to verify that all required consulting parties are included in correspondence, including ANCSA corporations and local governments, and that federally recognized tribes receive letters with the G2G language at all points in the consultation. PQIs should review consulting party letters to ensure that letter contents correlate to the recipients.
- Recordkeeping: PQIs should continue to review enclosures and figures for clarity, since these are part of the compliance record, and should proofread letters for inclusion of required template information. PQIs should ensure that APE figures use Section 106 terminology and are consistent with the APE delineation in the letter. PQIs should ensure the MOU assignment language is present on all report covers, regardless of internal or external authorship. Regions should send email notifications to SEO when correspondence includes an SEO courtesy copy. When submitting DOEs for built environment properties, PQIs should ensure the historic property boundary has been defined.
- PQIs and environmental analysts should work together to coordinate Section 4(f) applicability with the appropriate NEPA Manager before finalizing findings letters. PQIs should continue to consult with both a Statewide NEPA Manager and the

Statewide Cultural Resources Manager before signing findings letters that vary from the protocol in the posted letter templates with regard to 4(f) related language.

- SEO, region PQIs, and SHPO should continue to work closely together to ensure that historic roads consideration is implemented efficiently and smoothly into project development.

Project updates

- Updates should continue to clearly delineate what is being updated in the current consultation. This should include not only a narrative description, but graphics that clearly demonstrate the reason for the update.
- If a gap of five years or more has occurred, PQIs should re-initiate consultation prior to sending an updated findings letter.
- If a letter is prepared to update a project previously processed via streamlined review, the letter should clearly reference the project in its entirety.
- An update letter should clearly state the findings for the project as a whole in the conclusion of the letter, and not exclusively focus the finding on the changed portion or activity of the project.

The DOT&PF will continue to identify best practices and areas in need of improvement during the coming years under the agreement and will continue to work closely with the signatory partners to ensure the streamlining provisions of the 106 PA are achieved while maintaining compliance with Section 106 regulatory provisions.

Appendix 3

Review Checklists

CRT Review Checklist for 106 PA Streamlined Projects, FFY 2022

Project:

Reviewer:

	Y	N	U	N/A	Comments
Signed Streamlined Review form	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Complete final copies of all referenced attachments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For Tier 1 projects*, documentation supports Tier 1 classification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For Tier 2 projects, adequate APE description/documentation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For Tier 2 projects, adequate documentation that General Conditions were considered	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For Tier 2 projects, Historic Roads Analysis documented (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For Tier 2 projects, if specialized PQI expertise was needed, it was obtained	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For project updates, appropriate process and documentation (i.e., update forms and consistency with 6/9/15 SEO guidance memo)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

* Defined as those where all the activities qualify as Tier 1. Projects with mixed activities are considered Tier 2 projects.
U = unknown

Additional Comments:

CRT Review Checklist for 106 PA Appendix D Consultation Projects, FFY 2022

Project:

Reviewer:

Please check for final versions of documentation, with signatures where appropriate. ***Steps that occurred prior to the reporting period (Oct 1, 2021-Sept 30, 2022) are not covered by this review.***

General Consultation and Documentation (all reviews)	Y	N	U	N/A	Comments
Regulatory-required parties were included: SHPO, federally recognized Tribes (FRT), ANCSA corps (regional and village as applicable), local gov't	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Letters follow currently approved* templates:					
<ul style="list-style-type: none"> • All letters contain required 327 MOU language per templates 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<ul style="list-style-type: none"> • APE is defined so that its extent is clear in narrative and/or figures 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<ul style="list-style-type: none"> • Initiation letters to Tribes (FRT) include consultation options form 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<ul style="list-style-type: none"> • Letters to FRT have G2G template language (<i>applicable to initiation, findings, and updated findings</i>) 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<ul style="list-style-type: none"> • Letters to FRT (and ANCSA corps) include language requesting consultation on places of traditional religious and cultural importance (<i>in initiation letters, as well as findings if project is DTF</i>) 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<ul style="list-style-type: none"> • Findings letter(s) to SHPO handle Section 4f according to templates 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<ul style="list-style-type: none"> • SHPO-specific language limited only to SHPO letters, and not carried into other parties' letters 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Letter enclosures on file	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

* Templates were last updated 8/24/20.

CRT Review Checklist for 106 PA Appendix D Consultation Projects, FFY 2022

If Direct to Findings, decision documented appropriately	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Reports contain required 327 MOU language on cover [327 MOU, 3.2.5]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Confidentiality guidelines (pp 3-4) followed for letters & enclosures as applicable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
File indicates how any documented tribal and consulting party concerns were addressed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

U = unknown

Add'l for project updates:	Y	N	U	N/A	Comments
Appropriate inclusion of consulting parties; if SHPO only, rationale is documented	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
The update references the previous consultation (or streamlined review) and indicates what has changed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Add'l for adverse effect projects:	Y	N	U	N/A	Comments
File indicates that SEO was consulted prior to making the finding, per PA Appendix D (D.2), and included in development of the MOA (E2.b)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
File indicates ACHP was informed of adverse effect finding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For completed consultations, file includes executed MOA with all signatures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For completed consultations, file indicates that signed MOA was transmitted to the ACHP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

CRT Review Checklist for 106 PA Appendix D Consultation Projects, FFY 2022

Optional overall comments (*Review would not be looking for differences in professional judgment, but for situations that may set precedents; indicate unusual evolution of eligibility trends; illuminate a process inconsistency or an area for improvement; or that could be considered a best practices example, etc.*)