



Project Fact Sheet



Point Lay - Airport Improvements

Project Description:

This project will provide airport improvements including storage and passenger accommodations; airport perimeter fencing for safety; and a runway expansion to accommodate larger aircraft. Currently there are no passenger facilities at the airport, so construction of a skid mounted, insulated, heated, and lighted warm located on the airport apron would provide both warm storage for freight as well as passenger shelter while waiting on aircraft.

Communities:

Point Lay

Project Benefits:

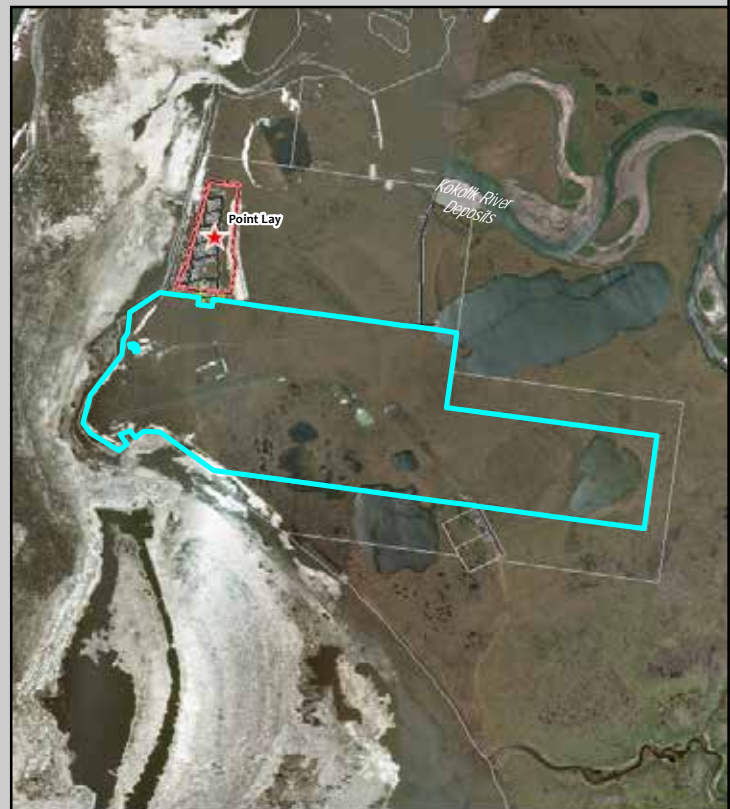
Health and Safety, Workforce Development

Proponent

Point Lay Comprehensive Plan 2017-2037

References:

Point Lay Comprehensive Plan 2017-2037: Adopted by the North Slope Borough on October 10,, 2017. NSB Assembly Ordinance #75-06-70, NSB Planning Commission Resolution #2017-10, Native Village of Point Lay #2017-07



ARCTIC STRATEGIC TRANSPORTATION AND RESOURCES

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Project Fact Sheet



Point Lay - Alternative Energy Development

Project Description:

Develop alternative energy source for the local community. This could include but is not limited to wind turbines, solar panels, coal, and hydrologic energy sources. The NSB already completed some of this work in the Final Draft North Slope Regional Energy Plan (WH Pacific 2015) and found potential for (1) Wind Diesel, (2) Solar, and (3) Coal was rated High. The Alaska Energy Authority (AEA) completed some preliminary design work for Wind Diesel in 2014 and this study could build upon the previous work with the next phase of design.

Communities:

Point Lay

Project Benefits:

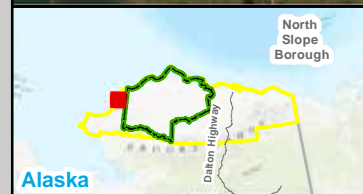
Health and Safety, Workforce Development, Lower Costs of Goods and Services

Proponent

Village of Point Lay

References:

Point Lay Comprehensive Plan 2017-2037, ASTAR Stakeholder Engagement Meeting notes and briefings (October 2018)



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Project Fact Sheet



Point Lay - Areawide Identify and Develop Alternative Year-round Water Source

Project Description:

A secondary water source and potentially new water well locations are required to address needed system upgrades.

Communities:

Point Lay

Project Benefits:

Health and Safety, Workforce Development, Lower Costs of Goods and Services

Proponent

North Slope Borough

References:

NSB Comprehensive Plan Appendix D: Public Facilities Capacities and Forecast Table 40, pages 432 - 434. ASTAR Stakeholder Engagement Meeting notes and briefings (October 2018).



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Project Fact Sheet



Point Lay - Areawide Sewer Systems Major Repairs

Project Description:

This project would address needed upgrades to the wastewater system to mitigate ongoing problems with buried sewer lines and wastewater exceedances that inflate during the spring/early summer. Parts of the existing system needs to be abandoned and replaced with individual holding tanks. In addition, some homes are currently using honey buckets and require system connections to improve community health and safety.

Communities:

Point Lay

Project Benefits:

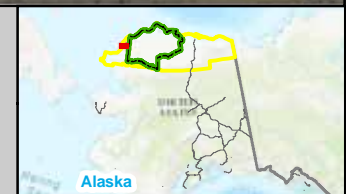
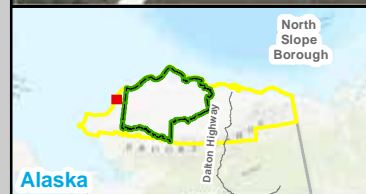
Health and Safety, Workforce Development

Proponent

Point Lay Comprehensive Plan 2017-2037

References:

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Project Fact Sheet



Point Lay - Areawide Street Lighting

Project Description:

This project would provide additional street lighting for vehicular and pedestrian safety, particularly for the road to the beach and boat dock where polar bears are often encountered or seen.

Communities:

Point Lay

Project Benefits:

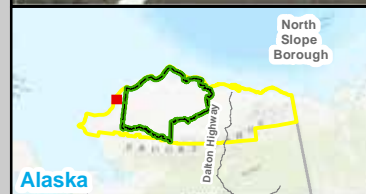
Health and Safety

Proponent

Point Lay Comprehensive Plan 2017-2037

References:

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Point Lay - Areawide Water System Upgrades

Project Description:

This stabilize and improve the Point Lay water system. The existing system has several issues, including water lines continuing to leak and break despite upgrades, as well as homes employing water holding tanks due to the unreliability of the current water system. Fresh Water Lake breached into the Kokolik River and drained during the summer of 2016, instigating an ongoing investigation into potential alternative water sources, including developing a non-lake water source such as a reverse osmosis system that could desalinate water from the ocean.

Communities:

Point Lay

Project Benefits:

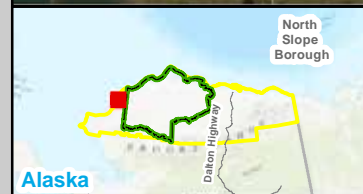
Health and Safety, Workforce Development, Lower Costs of Goods and Services

Proponent

Point Lay Comprehensive Plan 2017-2037

References:

Point Lay Comprehensive Plan 2017-2037.NSB Comprehensive PlanAppendix D: Wastewater and Sewage Treatment, Capacity, and ForecastTable 41, pages 435 - 436



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Project Fact Sheet



Point Lay - ATM Banking Facilities

Project Description:

This project would provide Point Lay with needed ATM/banking facilities for faster, more reliable monetary transactions and improvement of fiscal safety.

Communities:

Point Lay

Project Benefits:

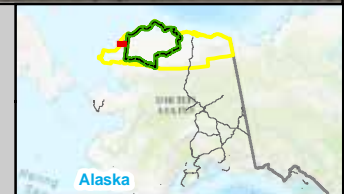
Workforce Development

Proponent

Point Lay Comprehensive Plan 2017-2037

References:

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Project Fact Sheet



Point Lay - Baseball Field

Project Description:

This project would provide a baseball field for recreational opportunities and team sport participation for the community during the summer.

Communities:

Point Lay

Project Benefits:

Health and Safety

Proponent

Point Lay Comprehensive Plan 2017-2037

References:

Point Lay Comprehensive Plan 2017-2037: Adopted by the North Slope Borough on October 10,, 2017. NSB Assembly Ordinance #75-06-70, NSB Planning Commission Resolution #2017-10, Native Village of Point Lay #2017-07



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Project Fact Sheet



Point Lay - Boat Dock

Project Description:

This project proposes (unspecified) upgrades to the community boat dock.

Communities:

Point Lay

Project Benefits:

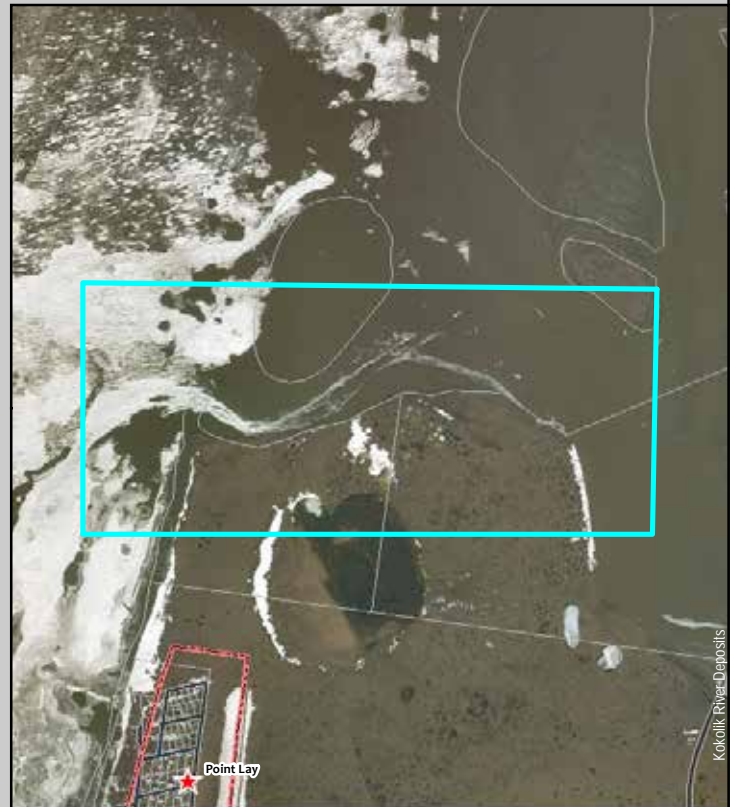
Health and Safety, Workforce Development, Subsistence

Proponent

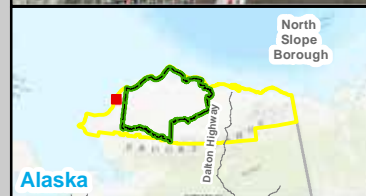
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References:

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Kokolik River Deposits



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Point Lay - Bridge for River Crossing

Project Description:

Build a bridge for a river crossing to mitigate hazardous summer river crossings.

Communities:

Point Lay

Project Benefits:

Health and Safety, Subsistence

Proponent

Village of Point Lay

References:

ASTAR Stakeholder Engagement Meeting notes and briefings (October 2018)



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Point Lay - Child Care Facility

Project Description:

This project will address the need for a childcare facility which would provide reliable childcare, jobs, and allow access to employment opportunities as well as include an Inupiaq language immersion program.

Communities:

Point Lay

Project Benefits:

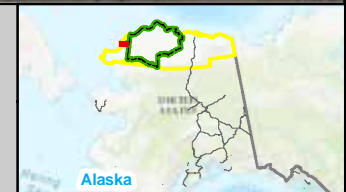
Health and Safety, Workforce Development, Community Connectivity

Proponent

Point Lay Comprehensive Plan 2017-2037

References:

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Point Lay - Cully Corporation Beluga Camp

Project Description:

This project will replace the current Beluga Camp, which is deteriorated, with a newly constructed facility.

Communities:

Point Lay

Project Benefits:

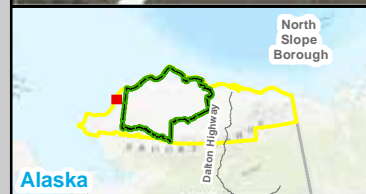
Health and Safety

Proponent

Point Lay Comprehensive Plan 2017-2037

References:

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Point Lay - Develop Coal Resources

Project Description:

This project would develop the local bituminous coal resources, located just south of Point Lay, as an alternate, less expensive energy source for the community.

Communities:

Point Lay

Project Benefits:

Lower Costs of Goods and Services

Proponent

Point Lay Comprehensive Plan 2017-2037

References:

Point Lay Comprehensive Plan 2017-2037: Adopted by the North Slope Borough on October 10,, 2017. NSB Assembly Ordinance #75-06-70, NSB Planning Commission Resolution #2017-10, Native Village of Point Lay #2017-07



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Point Lay - Develop Local Gravel Source

Project Description:

This project would provide for the identification and development of a local gravel source for Point Lay to enhance the current limited supply, which may help reduce the cost of shipping it in for major projects. A possible new source may be a sand bar near where the existing stockpile is located. The community indicated a need for different size rocks for rip-rap and other uses.

Communities:

Point Lay

Project Benefits:

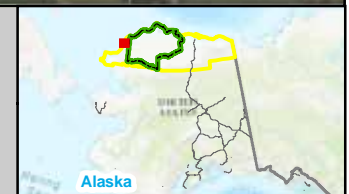
Lower Costs of Goods and Services

Proponent

Point Lay Comprehensive Plan 2017-2037

References:

Point Lay Comprehensive Plan 2017-2037: Adopted by the North Slope Borough on October 10,, 2017. NSB Assembly Ordinance #75-06-70, NSB Planning Commission Resolution #2017-10, Native Village of Point Lay #2017-07



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Point Lay - Electrical Metering Upgrade

Project Description:

This project would provide metering upgrades and electrical upgrades that are needed for all homes to address safety issues.

Communities:

Point Lay

Project Benefits:

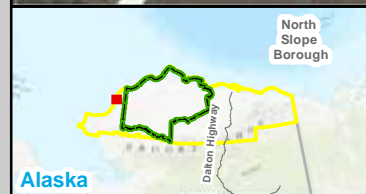
Health and Safety

Proponent

Point Lay Comprehensive Plan 2017-2037

References:

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Point Lay - Evacuation Building

Project Description:

This project seeks to identify and provide Point Lay with an emergency evacuation location and facility. The community wishes to take ownership of the three remaining DEW line buildings and potentially re-purpose the warehouse into an emergency evacuation center for the community.

Communities:

Point Lay

Project Benefits:

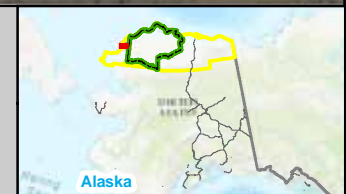
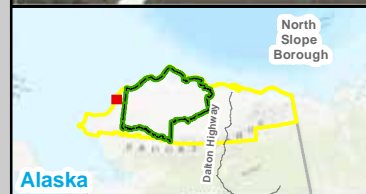
Health and Safety, Workforce Development

Proponent

Point Lay Comprehensive Plan 2017-2037

References:

Point Lay Comprehensive Plan 2017-2037: Adopted by the North Slope Borough on October 10,, 2017. NSB Assembly Ordinance #75-06-70, NSB Planning Commission Resolution #2017-10, Native Village of Point Lay #2017-07



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Project Fact Sheet



Point Lay - Home Renovations

Project Description:

This project would provide home renovations by addressing existing problems such as lead paint, asbestos presence, and air quality/ventilation issues within homes. In addition, homes on wooden pilings accelerate permafrost thaw, therefore some may require additional gravel for piling support and/or re-leveling.

Communities:

Point Lay

Project Benefits:

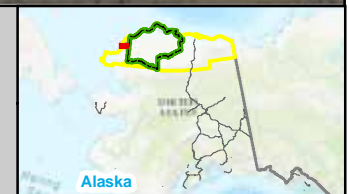
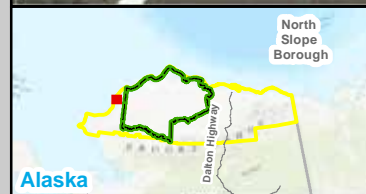
Health and Safety, Workforce Development

Proponent

Point Lay Comprehensive Plan 2017-2037

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Point Lay - Housing Program

Project Description:

This project will seek to develop a housing program that supports housing quality, variety, and affordability while addressing anticipated community growth. An estimate of 29 additional homes will be needed in the near future with the possible need of 51 by the year 2035. The program should examine the need for new itinerant housing for NSB Public Works personnel, which will free up existing homes and ease overcrowding, as well as address the current occupation of condemned buildings.

Communities:

Point Lay

Project Benefits:

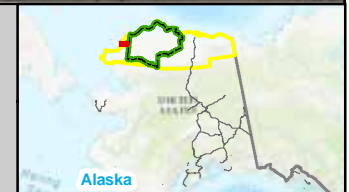
Health and Safety, Workforce Development

Proponent

Point Lay Comprehensive Plan 2017-2037

References:

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Point Lay - Internet Connectivity Improvement

Project Description:

This project would improve local internet bandwidth and interconnection with regional and global telecommunications networks by providing fiber optic or other telecommunications technology to replace current dial-up only systems for the community. Point Lay is not currently part of the Quintillion fiber optic cable project and must find other means to provide these services to the community.

Communities:

Point Lay

Project Benefits:

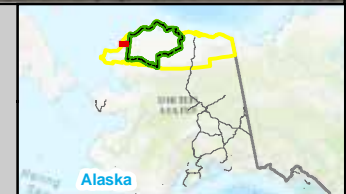
Community Connectivity, Education, Lower Costs of Goods and Services

Proponent

Point Lay Comprehensive Plan 2017-2037

References:

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Point Lay - Lagoon Dredging

Project Description:

This project proposes the dredging of Point Lay Lagoon to create shipping channels to mitigate the currently cumbersome and sometimes process of repeated watercraft transits to bring shipped goods ashore. It is also proposed to utilize the dredged sand/silt to help manage erosion and subsidence of the shoreline areas.

Communities:

Point Lay

Project Benefits:

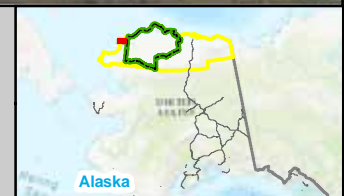
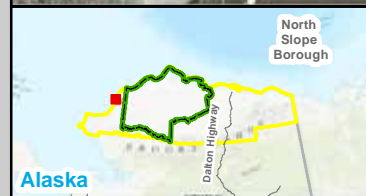
Health and Safety, Subsistence, Lower Costs of Goods and Services

Proponent

Point Lay Comprehensive Plan 2017-2037

References:

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Point Lay - Multi-Use Facility

Project Description:

This project proposes construction of a Multi-Use building that could include a museum, a Heritage Center/Cultural Center, Teen Center, Bowling Alley, and could provide a place for cultural gatherings. The current facility needs (unspecified) upgrades and may be inadequate for future use.

Communities:

Point Lay

Project Benefits:

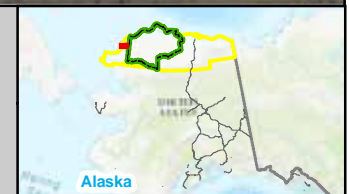
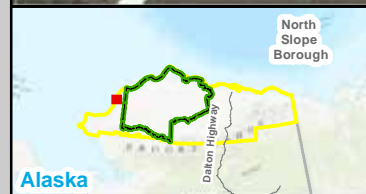
Workforce Development, Community Connectivity, Education

Proponent

Point Lay Comprehensive Plan 2017-2037

References:

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Point Lay - Playground

Project Description:

This project would install new playground equipment at two community playgrounds; one is behind Kali School, and the other is next to the village building. New equipment will provide a safer environment for kids to play.

Communities:

Point Lay

Project Benefits:

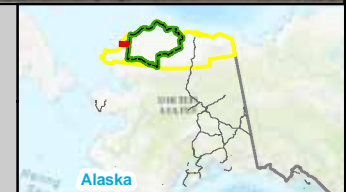
Health and Safety

Proponent

Point Lay Comprehensive Plan 2017-2037

References:

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Point Lay - Post Office

Project Description:

This project provides (unspecified) upgrades and repairs to the Point Lay Post Office.

Communities:

Point Lay

Project Benefits:

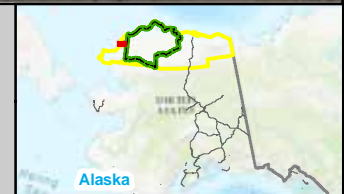
Workforce Development, Community Connectivity

Proponent

Point Lay Comprehensive Plan 2017-2037

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Point Lay - Repair Line Breaks

Project Description:

This project provides needed repairs to fix line breaks and leaks in the existing water system.

Communities:

Point Lay

Project Benefits:

Health and Safety, Workforce Development, Lower Costs of Goods and Services

Proponent

North Slope Borough

References:

NSB Comprehensive Plan Appendix D: Public Facilities Capacities and Forecast Table 40, pages 432 - 434



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Project Fact Sheet



Point Lay - Roads

Project Description:

This project provides needed road upgrades and repairs to the roads in Point Lay. Repairs could include but are not limited to surface improvements, drainage improvements, culvert repairs, subsidence repair. Construction of an additional road on the north end of town to accommodate new development and construction of an alternate (emergency) road to the airport due to frequent snow drifts closures on the existing. Repair of occasional potholes and rutting; and mitigation of road dust, unabated despite regular watering, which may be leading to poor respiratory conditions and the

Communities:

Point Lay

Project Benefits:

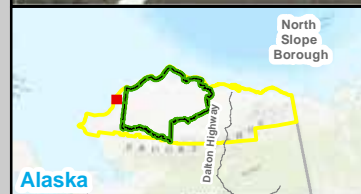
Health and Safety, Workforce Development

Proponent

Point Lay Comprehensive Plan 2017-2037,
NPR-A Impact Mitigation Grant (15-DC-119)

References:

DCRA Grant Data Reports



ARCTIC STRATEGIC TRANSPORTATION AND RESOURCES

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Project Fact Sheet



Point Lay - School Cafeteria

Project Description:

This project will provide for a separate gymnasium and cafeteria at the Kali School. Currently the cafeteria and gymnasium are combined and a new structure or addition is needed to separate the two.

Communities:

Point Lay

Project Benefits:

Health and Safety, Workforce Development, Education

Proponent

Point Lay Comprehensive Plan 2017-2037

References:

Point Lay Comprehensive Plan 2017-2037: Adopted by the North Slope Borough on October 10,, 2017. NSB Assembly Ordinance #75-06-70, NSB Planning Commission Resolution #2017-10, Native Village of Point Lay #2017-07



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Project Fact Sheet



Point Lay - Search and Rescue Facility

Project Description:

This project would construct a new Search and Rescue facility or renovate the existing one. The current volunteer search and rescue facility is too small to store all of the equipment, is poorly insulated, is susceptible to flooding, and lacks restroom facilities.

Communities:

Point Lay

Project Benefits:

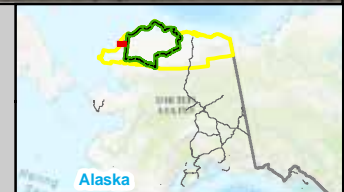
Health and Safety, Workforce Development

Proponent

Point Lay Comprehensive Plan 2017-2037

References:

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Project Fact Sheet



Point Lay - Senior Housing

Project Description:

This project provides for the construction of much needed senior housing that is currently lacking in the community.

Communities:

Point Lay

Project Benefits:

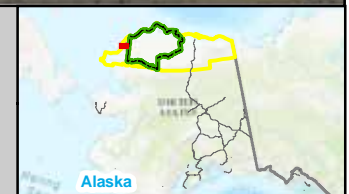
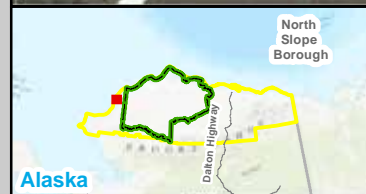
Health and Safety, Workforce Development

Proponent

Point Lay Comprehensive Plan 2017-2037

References:

Point Lay Comprehensive Plan 2017-2037: Adopted by the North Slope Borough on October 10,, 2017. NSB Assembly Ordinance #75-06-70, NSB Planning Commission Resolution #2017-10, Native Village of Point Lay #2017-07



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Project Fact Sheet



Point Lay - Sewage Lagoon

Project Description:

This project provides for the design and construction of an additional sewage lagoon. Additionally it will include upgrades to existing sewage lagoon systems such as honey buckets and a truck to haul the wastewater while the new facility is being built. An area has been designated and lagoon construction is currently funded.

Communities:

Point Lay

Project Benefits:

Health and Safety, Workforce Development, Lower Costs of Goods and Services

Proponent

Point Lay Comprehensive Plan 2017-2037

References:

NSB Comprehensive Plan Appendix D: Landfill and Sewage Lagoon Capacity, and Forecast Table 42, pages 441 - 443. Point Lay Comprehensive Plan 2017-2037: Adopted by the North Slope Borough on October 10, 2017. NSB Assembly Ordinance #75-06-70, NSB



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Project Fact Sheet



Point Lay - Shuttle Barge Project

Project Description:

Shuttle Barge Project - This project will provide seasonal access to the barrier islands when the Westbound cargo ships leave cargo on the barrier islands.

Communities:

Point Lay

Project Benefits:

Health and Safety, Workforce Development, Community Connectivity, Subsistence, Lower Costs of Goods and Services

Proponent

References:

ASTAR Stakeholder Engagement Meeting (April 2019)



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Project Fact Sheet



Point Lay - Silt Mining

Project Description:

This project proposes examination of potential silt mining around Point Lay, possibly at Fresh Water Lake. Recent studies completed at the University of Fairbanks indicate that silt would be useful to mitigate subsidence when applied as a cap on ice rich soils. It may be possible to mine silt from the Fresh Water Lake because it has drained.

Communities:

Point Lay

Project Benefits:

Health and Safety, Workforce Development

Proponent

Point Lay Comprehensive Plan 2017-2037

References:

Point Lay Comprehensive Plan 2017-2037. Point Lay, Kali, Utility, Water, and Sewage System and Permafrost Issues Initial Findings, University of Alaska Fairbanks, 2015. NSB Assembly Ordinance #75-06-70, NSB Planning Commission Resolution #2017-10, Native



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Project Fact Sheet



Point Lay - Snow Fence Expansion

Project Description:

This project would provide additional snow fences at the edges of town and at landfill, as recommended by the PAR, to extend the system currently in place (east of town and at the landfill).

Communities:

Point Lay

Project Benefits:

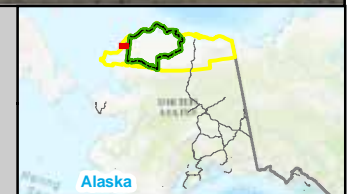
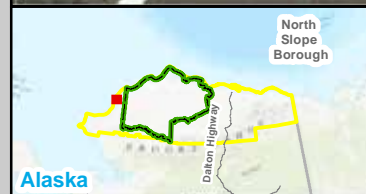
Health and Safety, Workforce Development, Lower Costs of Goods and Services

Proponent

North Slope Borough

References:

Point Lay Comprehensive Plan 2017-2037.
NSB Comprehensive Plan Appendix D: Snow Fence Forecast Table 44, pages 439. Point Lay 2018 6-Year Capital Improvement Plan



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Project Fact Sheet



Point Lay - Snow Machine and Vehicle Shop

Project Description:

This project proposes the construction of a building for conducting repairs on snow machines and other vehicles in Point Lay.

Communities:

Point Lay

Project Benefits:

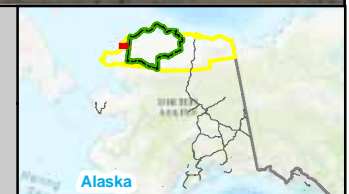
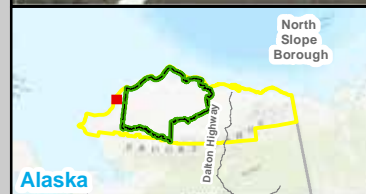
Health and Safety, Workforce Development

Proponent

Point Lay Comprehensive Plan 2017-2037

References:

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Project Fact Sheet



Point Lay - Solar Power

Project Description:

This project would develop solar power use as an alternate energy source for the community.

Communities:

Point Lay

Project Benefits:

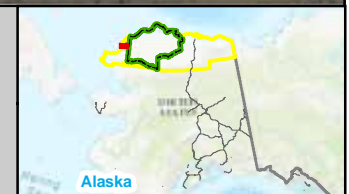
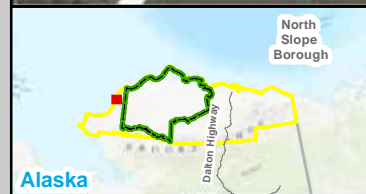
Lower Costs of Goods and Services

Proponent

Point Lay Comprehensive Plan 2017-2037

References:

Point Lay Comprehensive Plan 2017-2037.
'ASTAR Stakeholder Engagement Meeting notes and briefings (October 2018).



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Project Fact Sheet



Point Lay - Store

Project Description:

This project would provide expansion and (unspecified) upgrades for the Point Lay Store.

Communities:

Point Lay

Project Benefits:

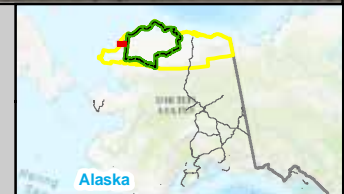
Health and Safety, Workforce Development

Proponent

Point Lay Comprehensive Plan 2017-2037

References:

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Project Fact Sheet



Point Lay - Trail Marking Improvements

Project Description:

This project provides for improved trail marking through GPS use and tripod markers, as well as hardening the trail, to lessen the frequency of trail marker displacement during extreme weather events. Trail marking and related improvements help search and rescue efforts.

Communities:

Point Lay

Project Benefits:

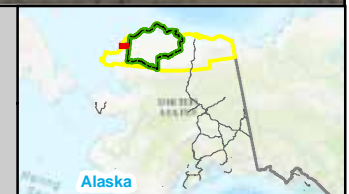
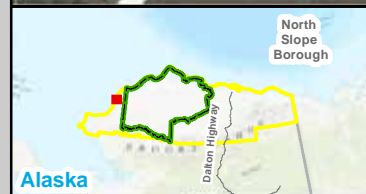
Health and Safety

Proponent

Point Lay Comprehensive Plan 2017-2037

References:

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Project Fact Sheet



Point Lay - Washateria

Project Description:

This project would reopen the currently closed community Washateria, possibly with showers added to accommodate community members whose homes do not have access to running water and sewer.

Communities:

Point Lay

Project Benefits:

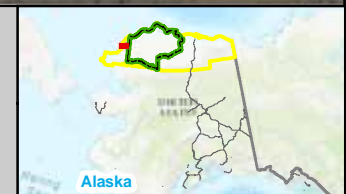
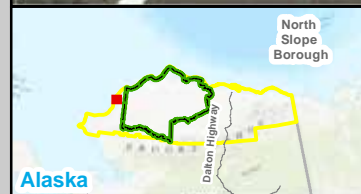
Health and Safety

Proponent

Point Lay Comprehensive Plan 2017-2037

References:

Point Lay Comprehensive Plan 2017-2037: Adopted by the North Slope Borough on October 10,, 2017, Table 21. NSB Assembly Ordinance #75-06-70, NSB Planning Commission Resolution #2017-10, Native Village of Point Lay #2017-07



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Project Fact Sheet



Point Lay - Waste Heat at NSB facilities

Project Description:

This project provides for energy efficiency system upgrades to the waste heat capabilities at the NSB facilities.

Communities:

Point Lay

Project Benefits:

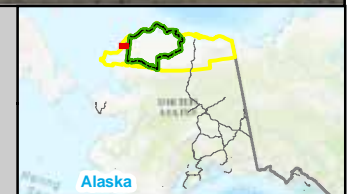
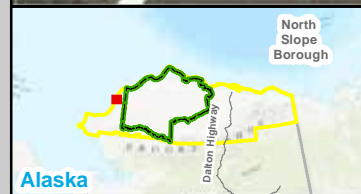
Lower Costs of Goods and Services

Proponent

Point Lay Comprehensive Plan 2017-2037

References:

Point Lay Comprehensive Plan 2017-2037: Adopted by the North Slope Borough on October 10,, 2017. NSB Assembly Ordinance #75-06-70, NSB Planning Commission Resolution #2017-10, Native Village of Point Lay #2017-07



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Project Fact Sheet



Point Lay - Weatherization

Project Description:

This project would provide energy cost savings across the community by weatherizing doors and windows that do not close or seal as well as replacing cracked windows.

Communities:

Point Lay

Project Benefits:

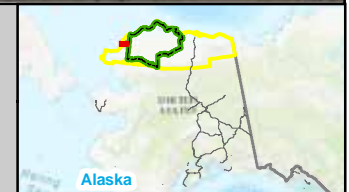
Workforce Development

Proponent

Point Lay Comprehensive Plan 2017-2037

References:

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