



US Army Corps
of Engineers
Alaska District

Public Notice of Application for Permit

ANCHORAGE
Regulatory Division (1145)
CEPOA-RD
Post Office Box 6898
JBER, Alaska 99506-0898

PUBLIC NOTICE DATE:	January 9, 2023
EXPIRATION DATE:	February 8, 2023
REFERENCE NUMBER:	POA-2022-00495
WATERWAY:	Liberty Falls

Interested parties are hereby notified that a Department of the Army permit application has been received for work in waters of the United States as described below and shown on the enclosed project drawings.

All comments regarding this public notice should be sent to the address noted above. If you desire to submit your comments by email, you should send it to the project manager's email as listed below or to regpagemaster@usace.army.mil. All comments should include the public notice reference number listed above.

All comments should reach this office no later than the expiration date of this public notice to become part of the record and be considered in the decision. Please contact Shannon L Johnson at (907) 753-2677, toll free from within Alaska at (800) 478-2712, or by email at Shannon.L.Johnson@usace.army.mil if further information is desired concerning this public notice.

APPLICANT: Alaska Department of Transportation and Public Facilities (DOT&PF),
2301 Peger Road, Fairbanks, Alaska 99709.

LOCATION: The project site is located on Edgerton Highway (MP 24-29) at Latitude 61.6204°, Longitude -144.5362°; near the City of Chitina, Alaska.

PURPOSE: The applicant's stated purpose is to resurface the Edgerton Highway from Mile Post (MP) 24 to MP 29 in order to preserve and extend the service life of the highway and to enhance safety.

PROPOSED WORK: The roadway would be repaved using Hot Mix Asphalt. To achieve this, the current roadway is proposed to be reclaimed using a milling machine or reclaimer. The surface is proposed to be graded and paved to as-built conditions. In addition to resurfacing, the following activities are proposed: Vegetation clearing along the proposed alignment (within the right of way boundary) and in material sites, replace signs, replace guardrails, reconditioning ditches, replace existing culverts, reapplication of pavement markings, and resurface approaches.

Two 24 inch culverts would be replaced with 36 inch culverts along the project corridor for cross-drainage along the highway between MP 27 and MP 28. Replacement culverts at these locations would be installed in the same place and at the same depth as existing culverts using half width construction. Following culvert replacement work, discarded culverts and any temporary fill material in wetlands would be removed, then disturbed areas graded and seeded. Approximately 0.1-acre of palustrine scrub-shrub (PSS) wetlands would be temporarily impacted to support the replacement of two cross-drainage culverts. Temporary impacts would result from a 50 foot wide work area that would be driven on by construction equipment. If there is standing water, then perimeter control using best management practices (BMP's) would be installed. Temporary wetland impact areas would be rehabilitated following construction activities.

Materials for this project would be from these existing material sites (MS): MS 850-032-5 (South Liberty Falls Pit), and MS 850-033-5 (North Liberty Falls Pit). The project would utilize approximately 2,000 cubic yards of D-1 and 3,800 cubic yards of paving aggregates. Approximately 3 acres of PSS wetlands would be permanently impacted from removal of material at the North Liberty Falls Pit.

All work would be performed in accordance with the enclosed plan (sheets 1-18), dated October 30, 2007, and October 14, 2022.

APPLICANT PROPOSED MITIGATION: The applicant proposes the following mitigation measures to avoid, minimize, and compensate for impacts to waters of the United States, from activities involving discharges of dredged or fill material.

During the preliminary and final design process, DOT&PF evaluated major and minor route and material site changes to identify the least environmentally damaging practicable alternative (LEDPA). During this process, the DOT&PF made substantial efforts to reduce and avoid impacts to wetland functions in the project area. These avoidance and minimization considerations are the following:

- a. The highway will be maintained on its current alignment with no major realignments, thereby reducing the wetland impacts.
- b. Existing foreslopes will remain however ditches will be reconditioned.

- c. Existing drainage patterns will be maintained or enhanced wherever possible, including replacement of damaged or failing cross-drainage culverts with pipes of equal size. Culvert replacement will help improve water quality by reducing scour and erosion, reduce flooding, and provide improved hydrological connectivity, resulting in some amount of ecological uplift for existing streams and wetlands adjacent to the roadway.
- d. Appropriate erosion and sediment control measures (BMP's) will be implemented on or at all perimeters of disturbed soil surfaces to minimize transport of sediment to waters of the U.S.
- e. Disturbed upland areas, vegetated prior to the project and left unprotected by improvements, will be stabilized and re-vegetated. Ground disturbances in these areas will be addressed by measures such as raking slopes, seeding, fertilizing and mulching as well as the BMP's mentioned above. This would reduce erosion and sediment transport and help establish vegetative cover, thereby, minimizing short-term and long-term impacts to adjacent downstream waters.
- f. Temporary stockpiles and staging area will be located in uplands or previously disturbed areas.
- g. The North Liberty Falls Pit (MS 850-033-5) is a material site containing wetlands. This site has the most abundant and suitable materials required for resurfacing the Edgerton Highway, and is the only material site in the area with quality material and relatively level enough to allow room for contractor equipment, operations, and stockpiles.
- h. The South Liberty Falls Pit (MS 850-032-5) is a previously developed site within the project area that provides a source for borrow materials. This site has steep slopes that does not lend enough space to develop all the necessary materials for this project.

Given the steps described above to avoid and minimize unavoidable wetland impacts, DOT&PF is not proposing any compensatory mitigation for this project.

WATER QUALITY CERTIFICATION: A permit for the described work will not be issued until a certification or waiver of certification, as required under Section 401 of the Clean Water Act (Public Law 95-217), has been received from the Alaska Department of Environmental Conservation.

CULTURAL RESOURCES: DOT&PF conducted a cultural resources survey of the project corridor which was completed in the Spring of 2022. Upon review of the report, *Phase I/II Cultural Resources Survey for the Edgerton Highway Milepost 24-29 Resurfacing Project* (dated March 15, 2022), the Office of History and Archaeology (OHA) concurred with the finding of no historic properties affected in a letter dated April 13, 2022.

Any comments State Historic Preservation Office, federally recognized tribes, and other consulting parties may have concerning presently unknown archeological or historic data that may be lost or destroyed by work under the requested permit will be considered in our final assessment of the described work.

ENDANGERED SPECIES: According to a search of the U.S. Fish and Wildlife service (USFWS) Information for Planning and Consultation (IPAC) database on January 3, 2023, there are no federally listed species or their designated critical habitats within or adjacent to the project area.

We have determined the described activity would have no effect on any listed or proposed threatened or endangered species, and would have no effect on any designated or proposed critical habitat, under the Endangered Species Act of 1973 (87 Stat. 844). Therefore, no consultation with the USFWS or the National Marine Fisheries Service (NMFS) is required. However, any comments they may have concerning endangered or threatened wildlife or plants or their critical habitat will be considered in our final assessment of the described work.

ESSENTIAL FISH HABITAT: The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996, requires all federal agencies to consult with the NMFS on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH).

No EFH species are known to use the project area. We have determined the described activity would not adversely affect EFH in the project area.

TRIBAL CONSULTATION: The U.S. Army Corps of Engineers (Corps) fully supports tribal self-governance and government-to-government relations between federally recognized tribes and the federal government. Tribes with protected rights or resources that could be significantly affected by a proposed federal action (e.g., a permit decision) have the right to consult with the Alaska District on a government-to-government basis. Views of each tribe regarding protected rights and resources will be accorded due consideration in this process. This public notice serves as notification to the tribes within the area potentially affected by the proposed work and invites their participation in the federal decision-making process regarding the protected tribal right or resource. Consultation may be initiated by the affected tribe upon written request to the District Commander during the public comment period.

PUBLIC HEARING: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, reasons for holding a public hearing.

EVALUATION: The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts of the proposed activity and its intended use on the public interest. Evaluation of the probable impacts, which the proposed activity may have on the public interest, requires a careful weighing of all the factors that become relevant in each particular case. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. The outcome of the general balancing process would determine whether to authorize a proposal, and if so, the conditions under which it will be allowed to occur. The decision should reflect the national concern for both protection and utilization of important resources. All factors, which may be relevant to the proposal, must be considered including the cumulative effects thereof. Among those are conservation, economics, aesthetics, general environmental concerns, wetlands,

cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. For activities involving 404 discharges, a permit will be denied if the discharge that would be authorized by such permit would not comply with the Environmental Protection Agency's 404(b)(1) guidelines. Subject to the preceding sentence and any other applicable guidelines or criteria (see Sections 320.2 and 320.3), a permit will be granted unless the District Commander determines that it would be contrary to the public interest.

The Corps is soliciting comments from the public; federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

AUTHORITY: This permit will be issued or denied under the following authority:

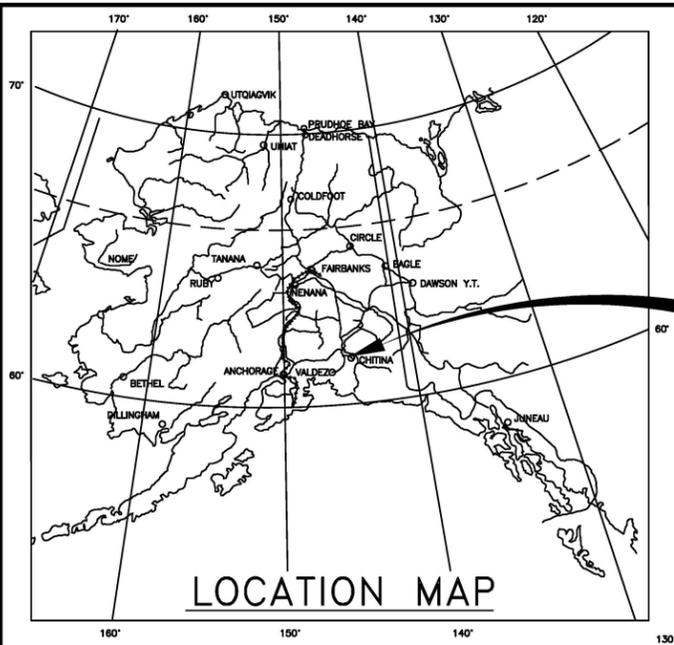
(X) Discharge dredged or fill material into waters of the United States – Section 404 Clean Water Act (33 U.S.C. 1344). Therefore, our public interest review will consider the guidelines set forth under Section 404(b) of the Clean Water Act (40 CFR 230).

Project drawings are enclosed with this public notice.

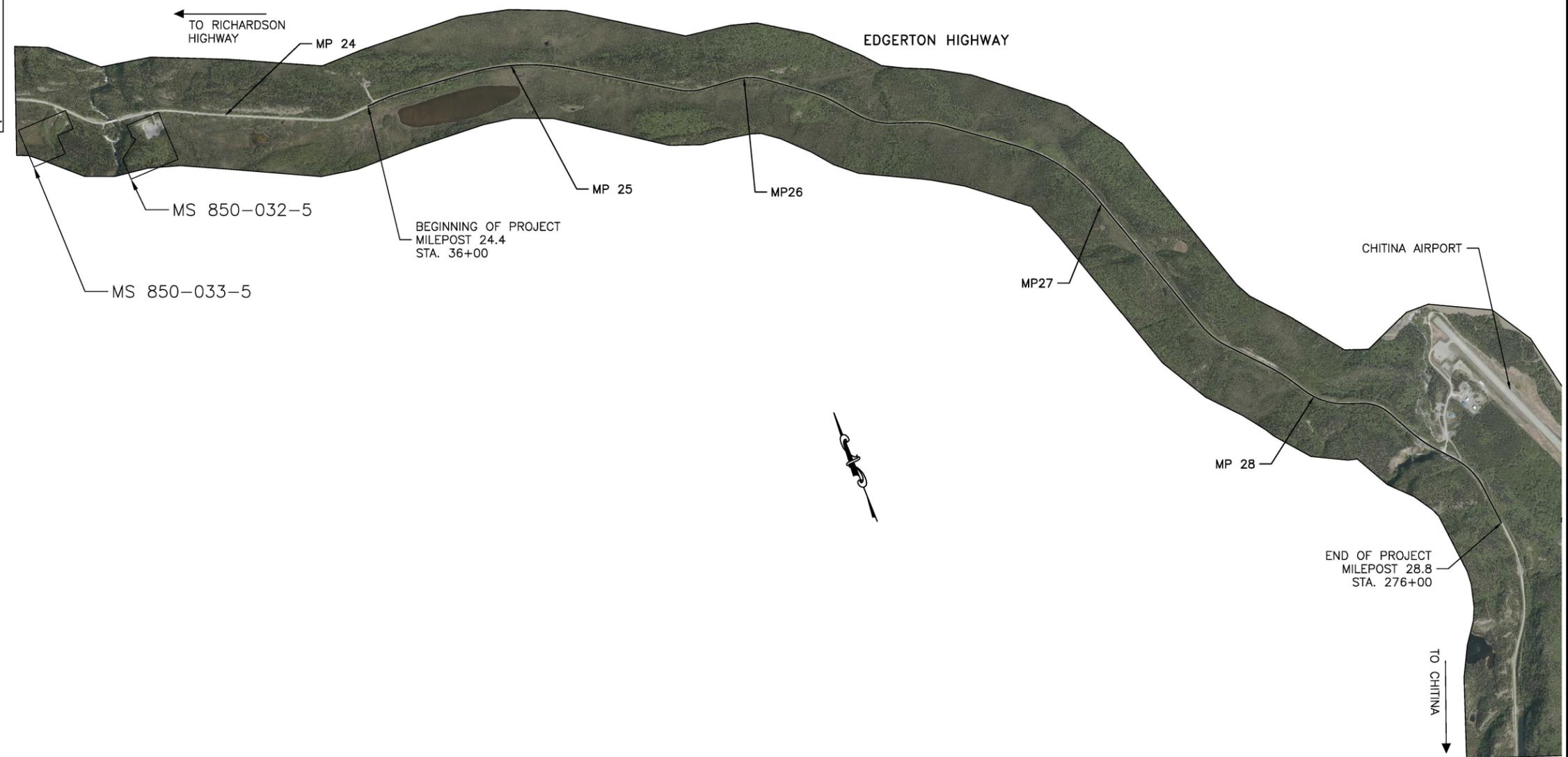
District Commander
U.S. Army, Corps

Enclosure

PLANS DEVELOPED BY: STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES, NORTHERN REGION, 2301 PEGER ROAD, FAIRBANKS, AK 99709 (907) 451-2200
C:\Home\Projects\00587_Edg_Hwy_24-29_Resurf\6_Design\4_C3D\2_Drawings\00587_Permit_Title-1_Permit_Title Fri, Oct/14/22 12:04pm



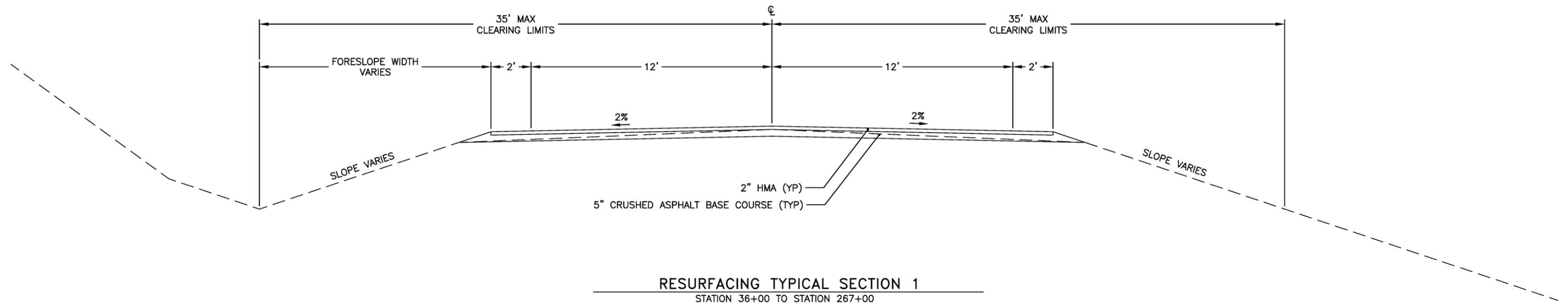
PROJECT LOCATION



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
2301 Peger Rd. Fairbanks, AK 99709

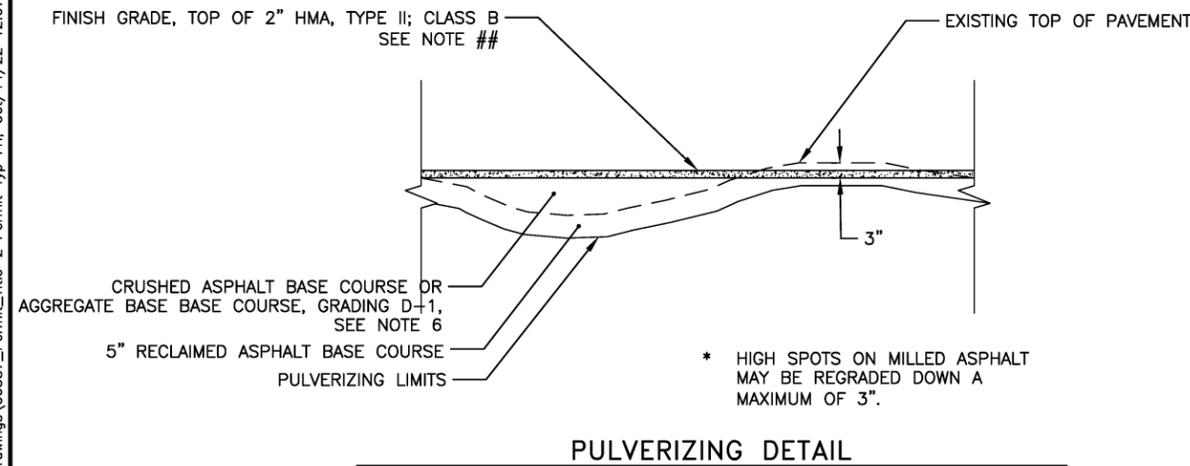
EDGERTON HWY MP 24-29 RESURFACING
0850030/NFHWHY00587

FILE NO.: ____-2022-_____
WATERWAY: COPPER RIVER,
LIBERTY CREEK, FIVEMILE CREEK
POA-2022-00495
Sheet 1 of 18



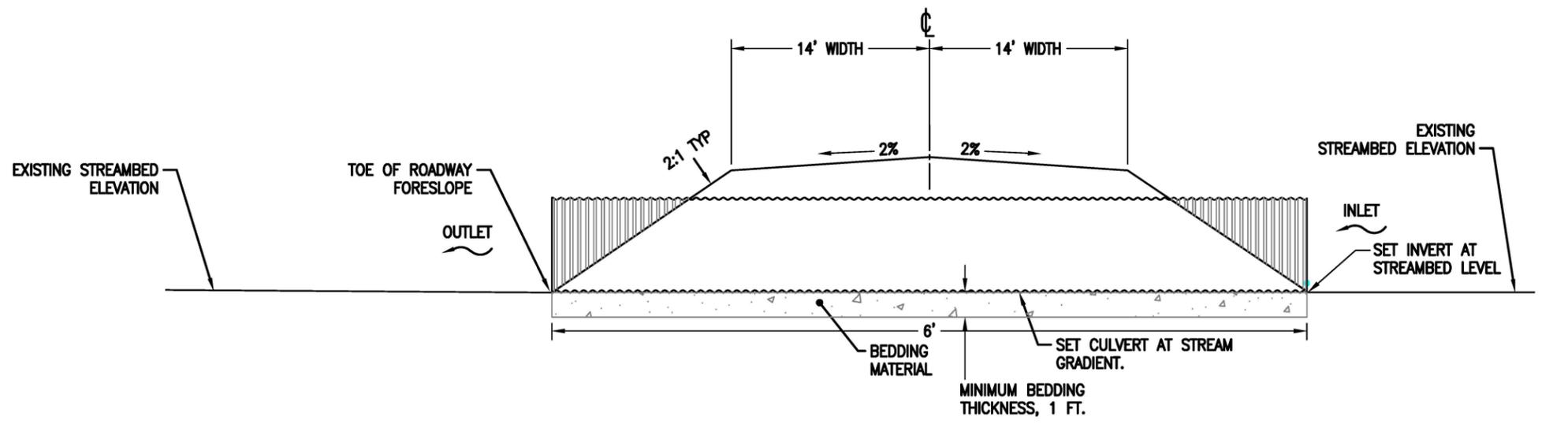
RESURFACING TYPICAL SECTION 1

STATION 36+00 TO STATION 267+00

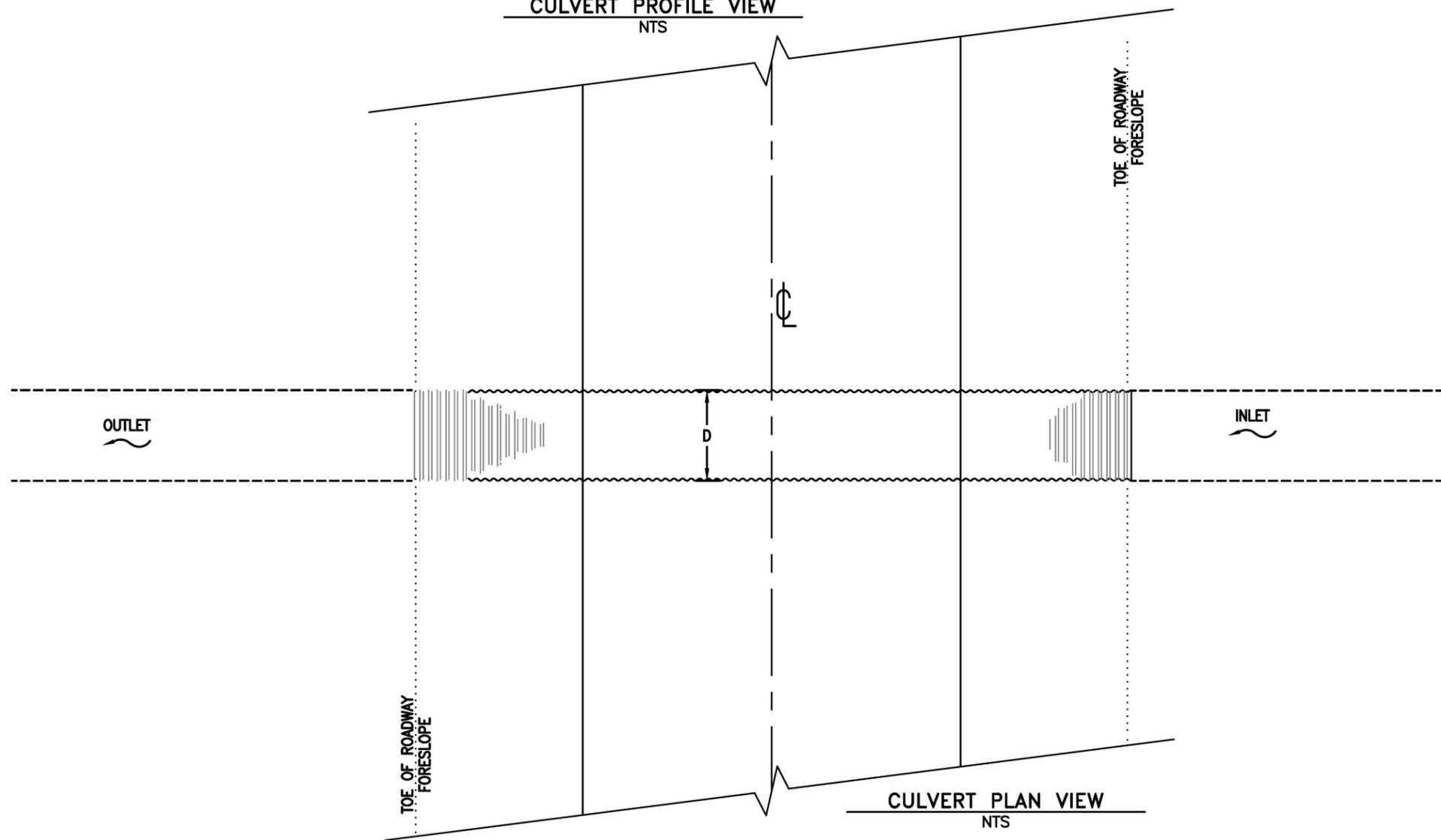


PLANS DEVELOPED BY: STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES, NORTHERN REGION, 2301 PEGER ROAD, FAIRBANKS, AK 99709 (907) 451-2200
C:\Home Projects\00587_Edg_Hwy_24-29_Resurf\6 Design\4 C3D\2 Drawings\00587_Permit_Typ_Fri_Oct/14/22 12:07pm

<p>STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES 2301 Peger Rd. Fairbanks, AK 99709</p>	<p>EDGERTON HWY MP 24-29 RESURFACING 0850030/NFHWY00587</p>	<p>TYPICAL SECTION VIEW</p>	<p>FILE NO.: ____-2022-____ WATERWAY: COPPER RIVER, LIBERTY CREEK, FIVEMILE CREEK POA-2022-00495 Sheet 2 of 18</p>
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CULVERT PROFILE VIEW
NTS



CULVERT PLAN VIEW
NTS

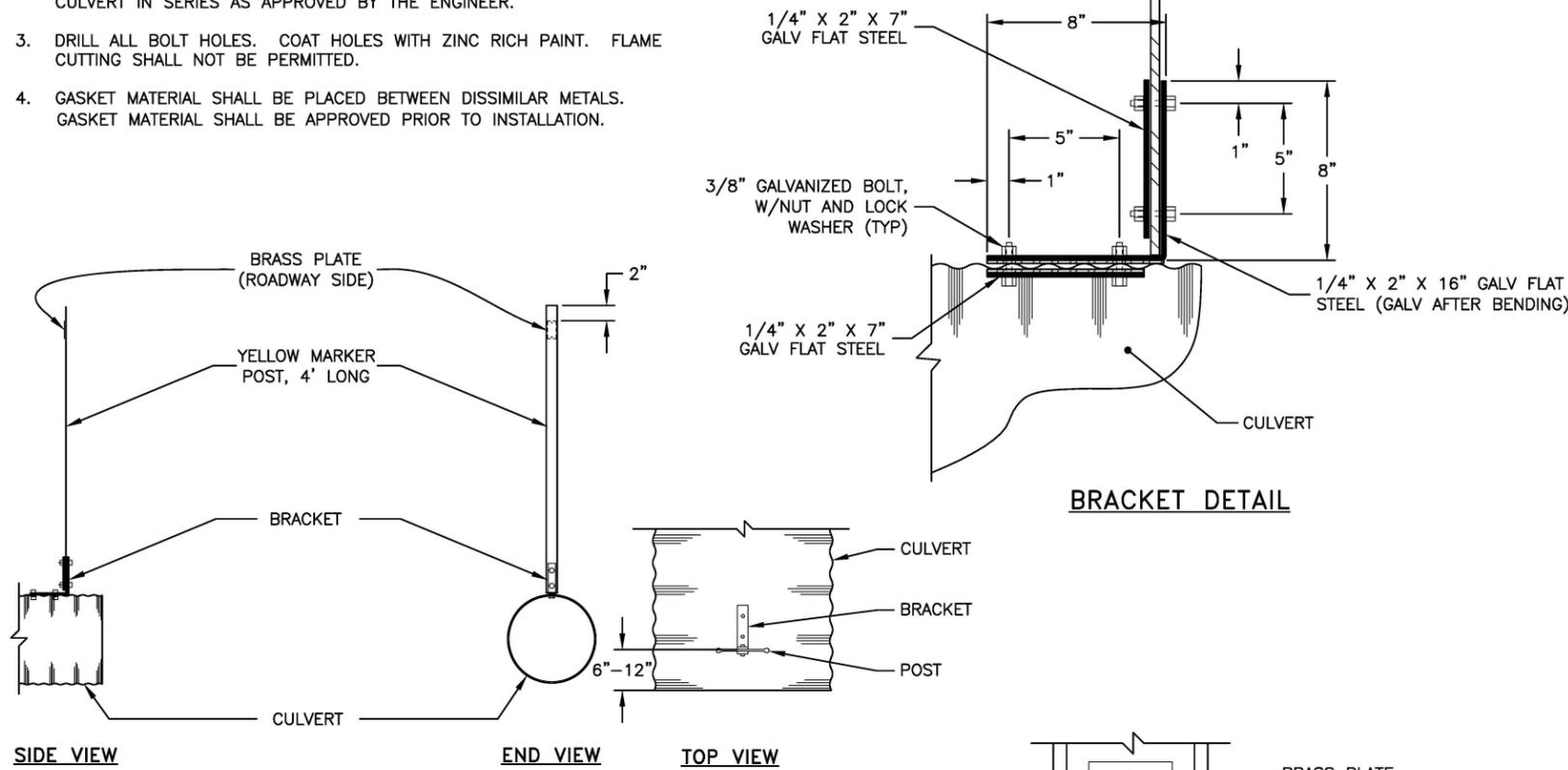
NOTES:

1. PLACE INLET AND OUTLET INVERTS TO MATCH EXISTING CHANNEL DEPTH. OUTLET AND INVERTS TO BE APPROVED BY ENGINEER.
2. SHAPE INLET AND OUTLET DITCHES TO MATCH EXISTING CHANNEL CROSS SECTIONS.
3. INSTALL 1 FOOT CULVERT BEDDING COMPLETELY AROUND CULVERT.

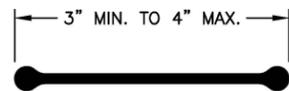
PLANS DEVELOPED BY: STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES, NORTHERN REGION, 2301 PEGGER ROAD, FAIRBANKS, AK 99709 (907)451-2200
 Fri, 14/Oct/22 12:12pm C:\Home\Projects\00587_Edg_Hwy_24-29_Resurf\6_Design\4_C3D\2 Drawings\00587_Permit\Culvert-CULVERT RIPRAP APRON

CULVERT MARKER POSTS NOTES:

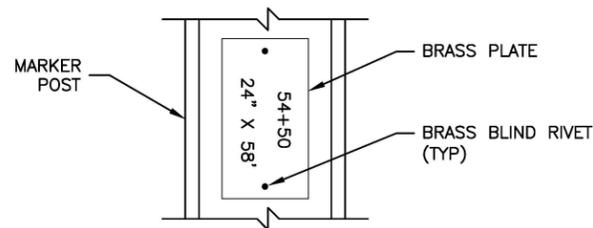
1. MARKER POSTS ARE TO BE INSTALLED ON CROSS CULVERTS ONLY.
2. IF CULVERTS ARE CLOSELY SPACED, MARK ONLY THE FIRST AND LAST CULVERT IN SERIES AS APPROVED BY THE ENGINEER.
3. DRILL ALL BOLT HOLES. COAT HOLES WITH ZINC RICH PAINT. FLAME CUTTING SHALL NOT BE PERMITTED.
4. GASKET MATERIAL SHALL BE PLACED BETWEEN DISSIMILAR METALS. GASKET MATERIAL SHALL BE APPROVED PRIOR TO INSTALLATION.



CULVERT MARKER POST DETAIL

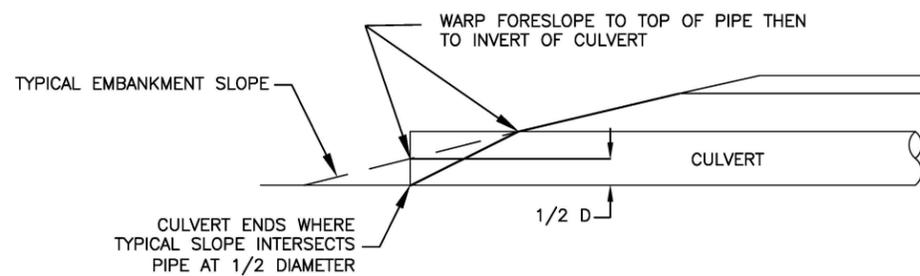


POST DETAIL

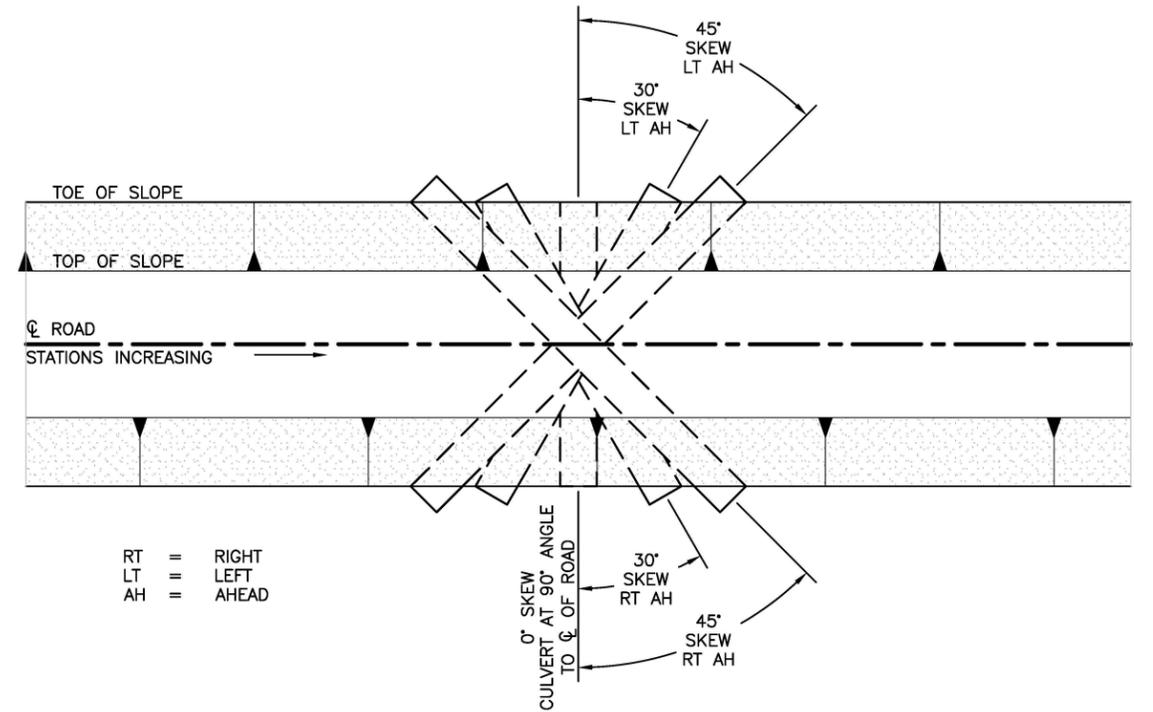


STAMP STATION AND PIPE SIZE, USING 3/8" HIGH MINIMUM LETTERS INTO A 2" X 4" X 0.064" THICK BRASS PLATE. FASTEN PLATE TO THE SIDE FACING THE ROADWAY WITH TWO 1/8" BRASS BLIND RIVETS.

BRASS PLATE DETAIL

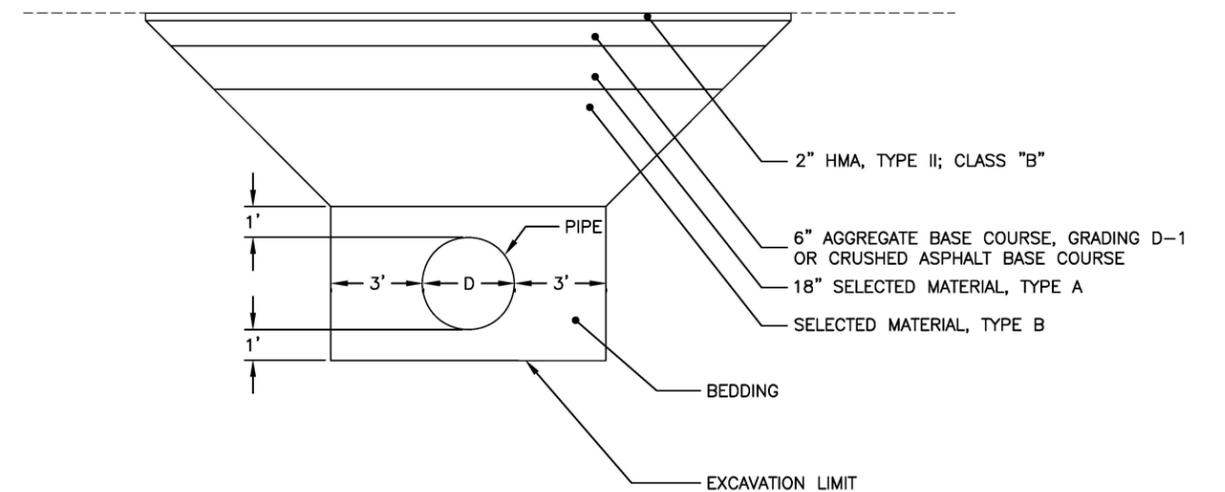


CULVERT SLOPE WARPING DETAIL
2:1 OR FLATTER FORESLOPES



RT = RIGHT
LT = LEFT
AH = AHEAD

CULVERT SKEW



CULVERT BEDDING DETAIL
END VIEW

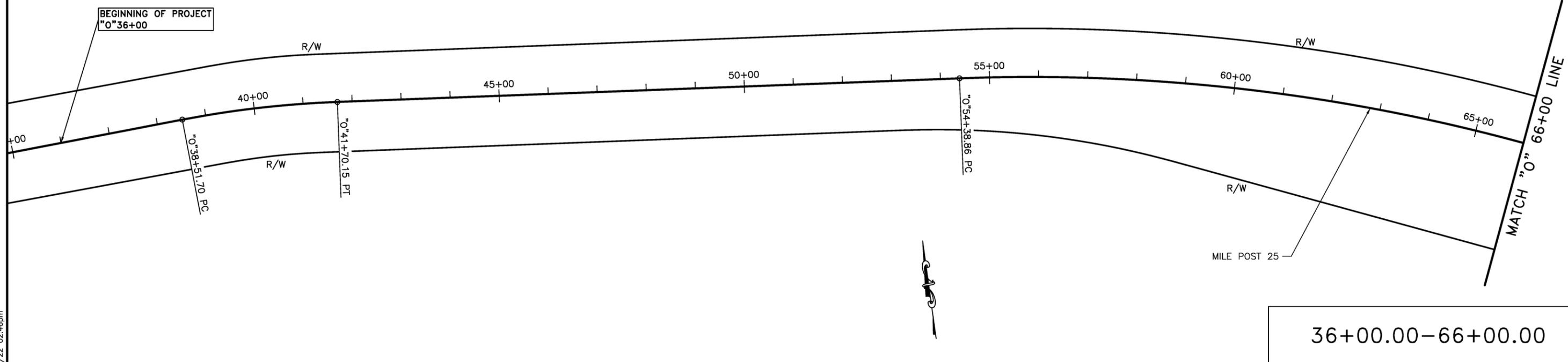
CULVERT BEDDING NOTES:

1. INSTALL MATERIAL LAYERS AS SHOWN ON TYPICAL SECTIONS.
2. 18" SELECTED MATERIAL, TYPE A, AND SELECTED MATERIAL, TYPE B, LAYERS MAY BE OMITTED AS DIRECTED.

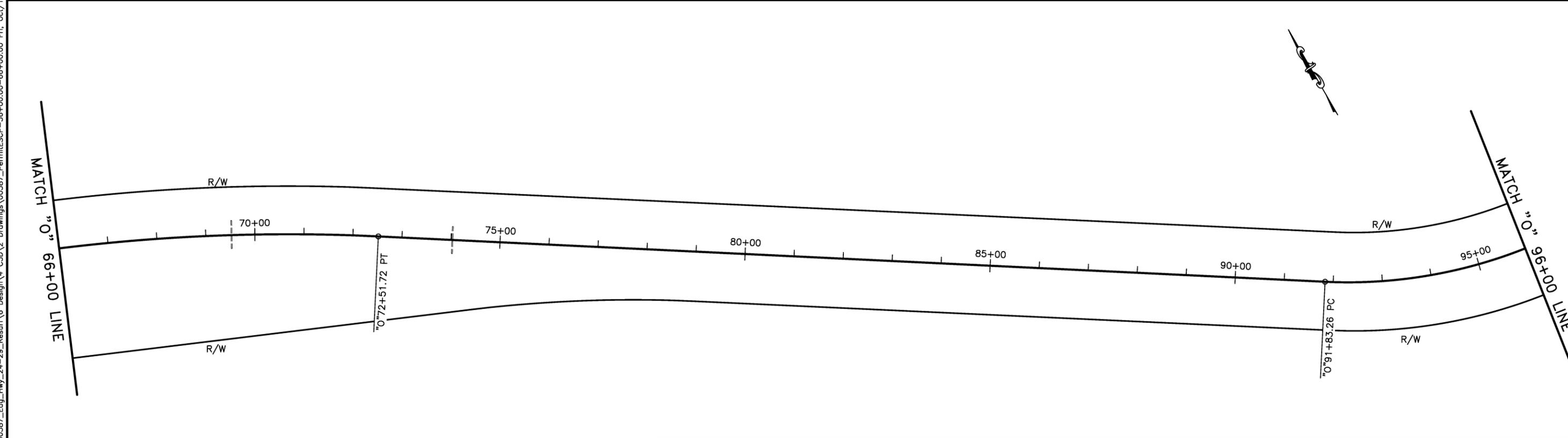
PLANS DEVELOPED BY: STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES, NORTHERN REGION, 2301 PEGER ROAD, FAIRBANKS, AK 99709 (907) 451-2200
C:\Home Projects\00587_Edg_Hwy_24-29_Resurf\6 Design\4 C3D\2 Drawings\00587_Permit_Tile-3 Permit Culvert Fri, Oct/14/22 12:13pm

LEGEND:

- WETLAND AREA
- TEMPORARY WETLAND IMPACTS
- PERMANENT WETLAND IMPACTS
- FILL LIMITS



36+00.00-66+00.00



66+00.00-96+00.00

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
2301 Peger Rd. Fairbanks, AK 99709

EDGERTON HWY MP 24-29 RESURFACING
0850030/NFHWY00587

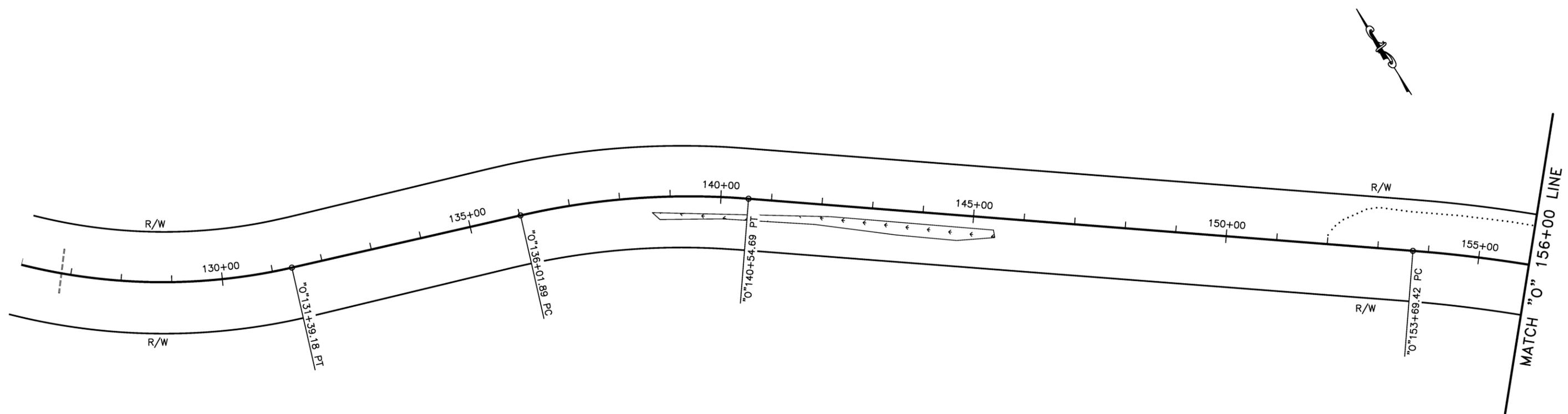
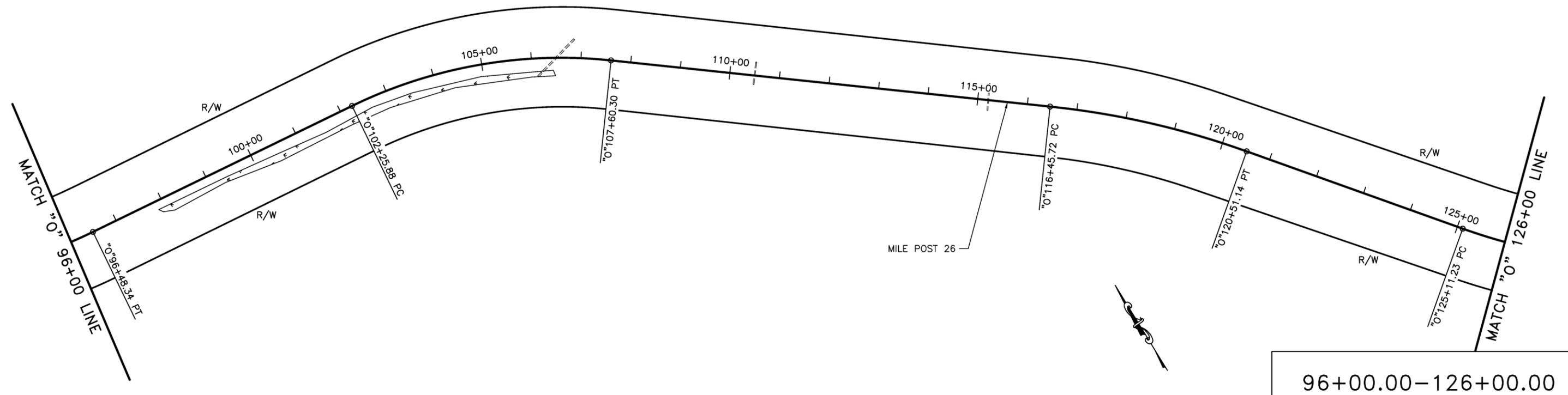
Plan View 1

FILE NO.: ____-2022-____
WATERWAY: COPPER RIVER,
LIBERTY CREEK, FIVEMILE CREEK
POA-2022-00495
Sheet 5 of 18

PLANS DEVELOPED BY: STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES, NORTHERN REGION, 2301 PEGER ROAD, FAIRBANKS, AK 99709 (907)451-2200
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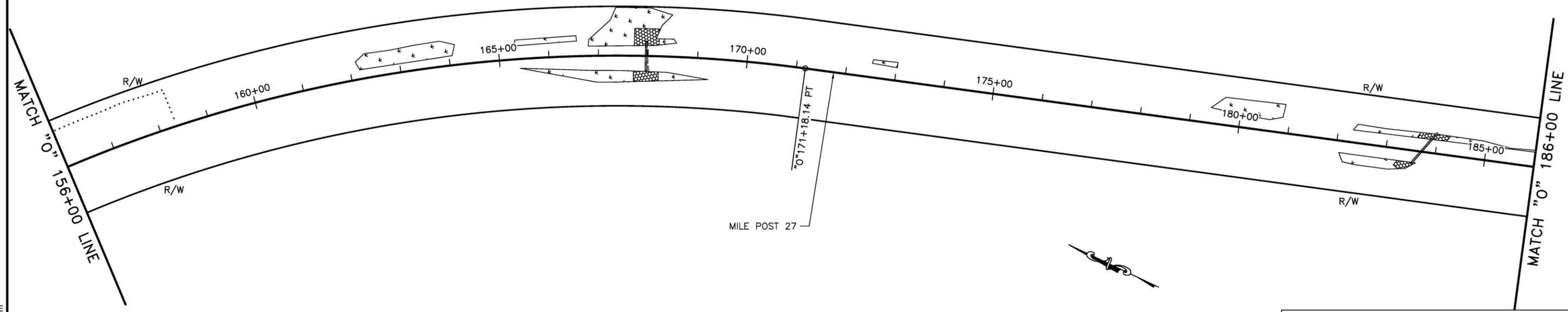
- WETLAND AREA
- TEMPORARY WETLAND IMPACTS
- PERMANENT WETLAND IMPACTS
- FILL LIMITS



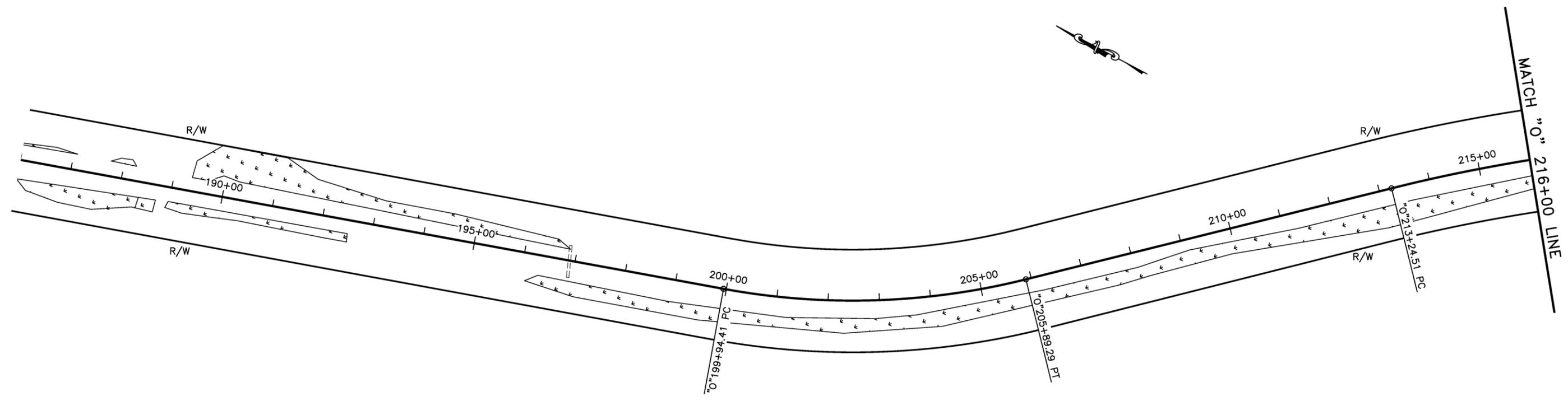
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LEGEND:

- WETLAND AREA
- TEMPORARY WETLAND IMPACTS
- PERMANENT WETLAND IMPACTS
- FILL LIMITS



156+00.00-186+00.00



186+00.00-216+00.00

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
2301 Peger Rd. Fairbanks, AK 99709

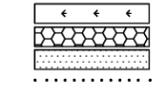
EDGERTON HWY MP 24-29 RESURFACING
0850030/NFHWY00587

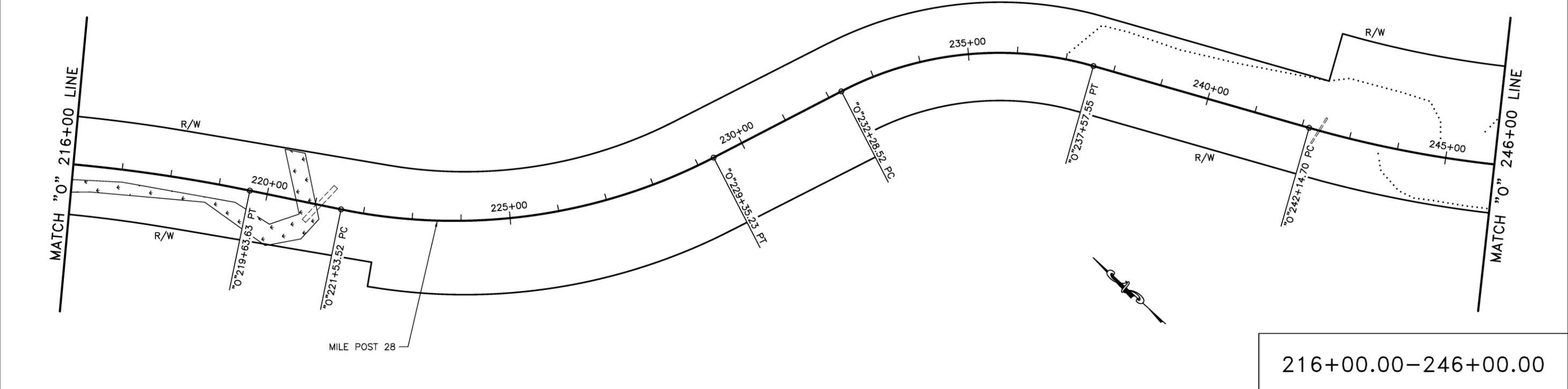
Plan 3

FILE NO.: ____-2022-____
WATERWAY: COPPER RIVER,
LIBERTY CREEK, FIVEMILE CREEK
POA-2022-00495
Sheet 7 of 18

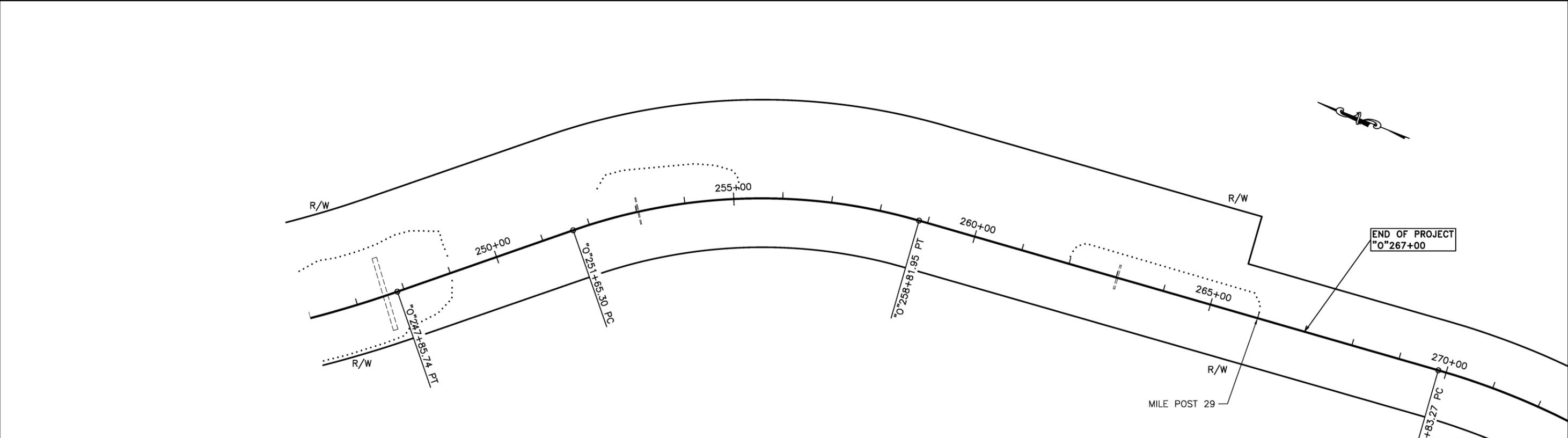
PLANS DEVELOPED BY: STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES, NORTHERN REGION, 2301 PEGER ROAD, FAIRBANKS, AK 99709 (907)451-2200
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PLANS DEVELOPED BY: STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES, NORTHERN REGION, 2301 PEGER ROAD, FAIRBANKS, AK 99709 (907)451-2200
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LEGEND: WETLAND AREA TEMPORARY WETLAND IMPACTS PERMANENT WETLAND IMPACTS FILL LIMITS		WETLAND AREA IMPACTS	
	DATE: Oct-2022	SHEET: 8 OF 9	



216+00.00-246+00.00



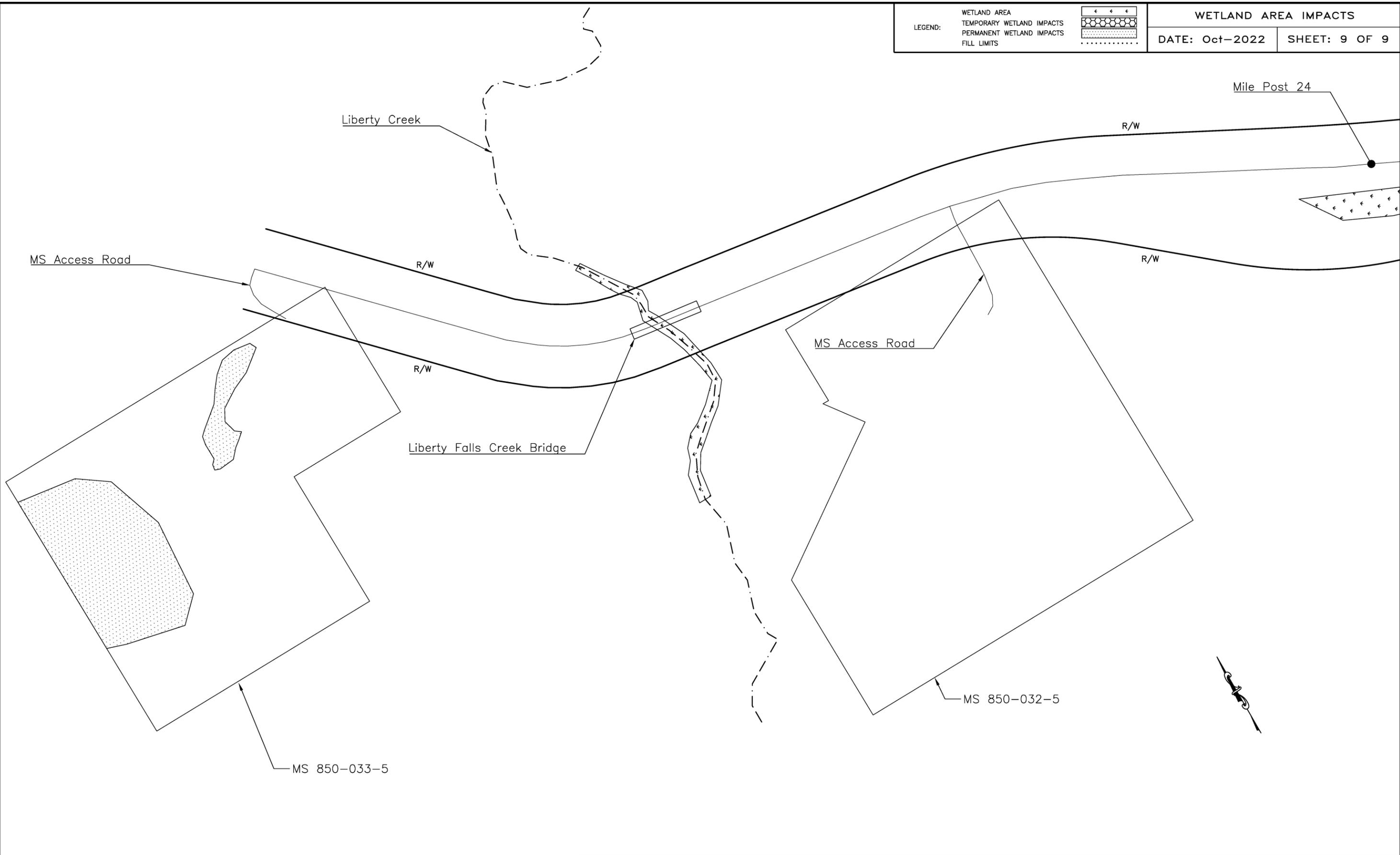
246+00.00-267+00.00

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES <small>2301 Peger Rd. Fairbanks, AK 99709</small>	EDGERTON HWY MP 24-29 RESURFACING 0850030/NFHWY00587	Plan View 4	<small>FILE NO.: --2022--</small> WATERWAY: COPPER RIVER, LIBERTY CREEK, FIVEMILE CREEK POA-2022-00495 Sheet 8 of 18
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PLANS DEVELOPED BY: STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES, NORTHERN REGION, 2301 PEGER ROAD, FAIRBANKS, AK 99709 (907)451-2200
C:\Home Projects\00587_Edg_Hwy_24-29_Resurf\6 Design\4 C3D\2 Drawings\00587_PermitESCP-Material Pits Fri, Oct/14/22 02:49pm

LEGEND:	WETLAND AREA	
	TEMPORARY WETLAND IMPACTS	
	PERMANENT WETLAND IMPACTS	
	FILL LIMITS	

WETLAND AREA IMPACTS	
DATE: Oct-2022	SHEET: 9 OF 9

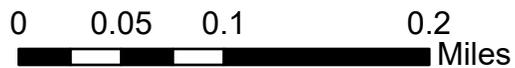


66+00.00-96+00.00	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES 2301 Peger Rd. Fairbanks, AK 99709	EDGERTON HWY MP 24-29 RESURFACING 0850030/NFHWY00587	Material Site View	FILE NO.: ____-2022-____ WATERWAY: COPPER RIVER, LIBERTY CREEK, FIVEMILE CREEK POA-2022-00495 Sheet 9 of 18
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Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**Edgerton Highway MP 24-29
Wetlands**

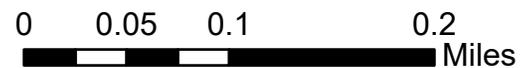


STATE OF ALASKA
Department of Transportation and Public Facilities
2301 Peger Road Fairbanks, AK 99709





Edgerton Highway MP 24-29
Wetlands

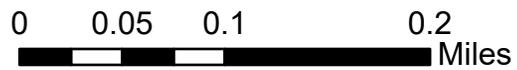


STATE OF ALASKA
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Edgerton Highway MP 24-29
Wetlands



STATE OF ALASKA
Department of Transportation and Public Facilities
2301 Peger Road Fairbanks, AK 99709



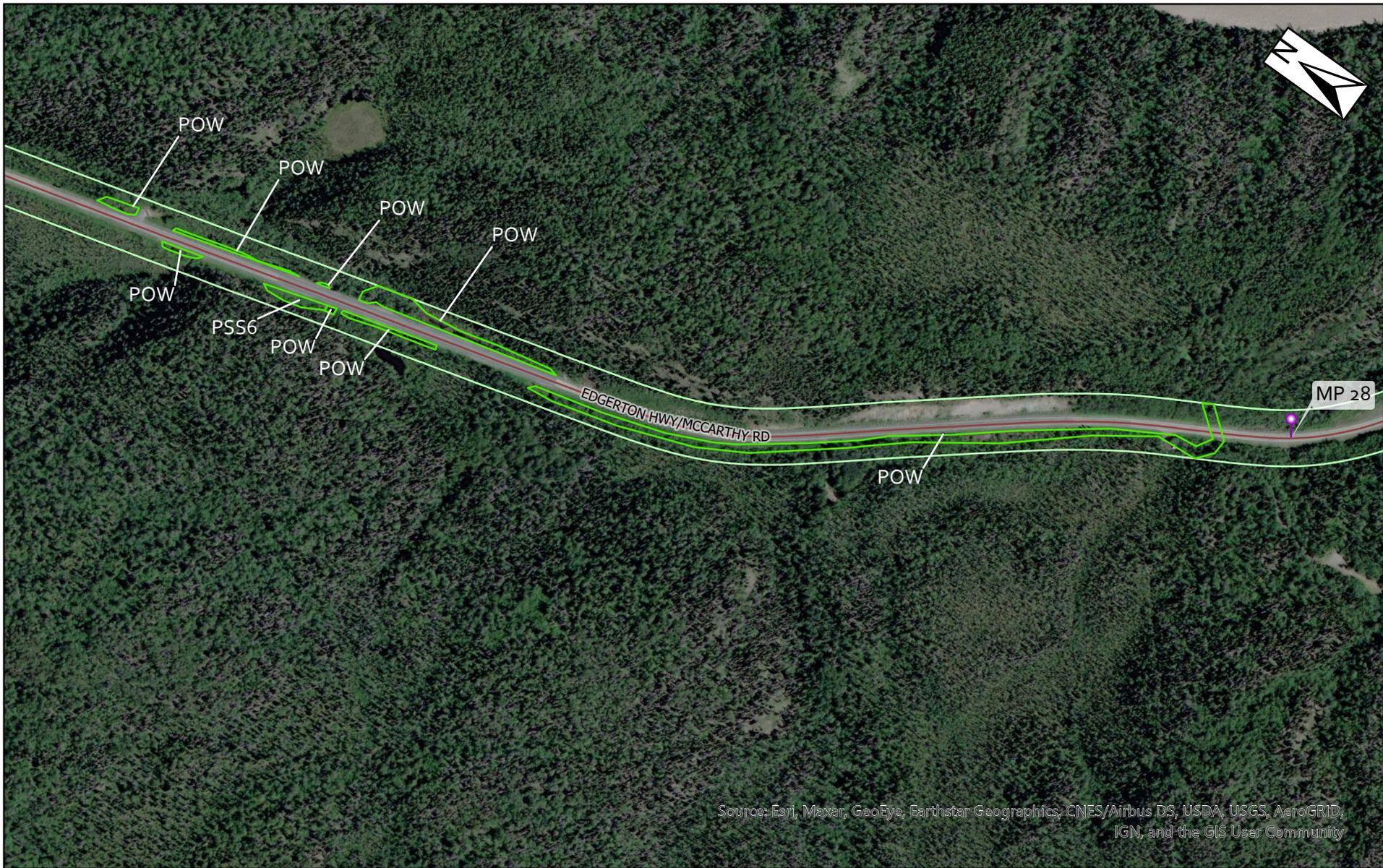


Edgerton Highway MP 24-29
Wetlands



STATE OF ALASKA
Department of Transportation and Public Facilities
2301 Peger Road Fairbanks, AK 99709





Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**Edgerton Highway MP 24-29
Wetlands**



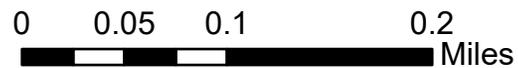
STATE OF ALASKA
Department of Transportation and Public Facilities
2301 Peger Road Fairbanks, AK 99709



Projection Alaska Albers Equal Area Conic. Sources



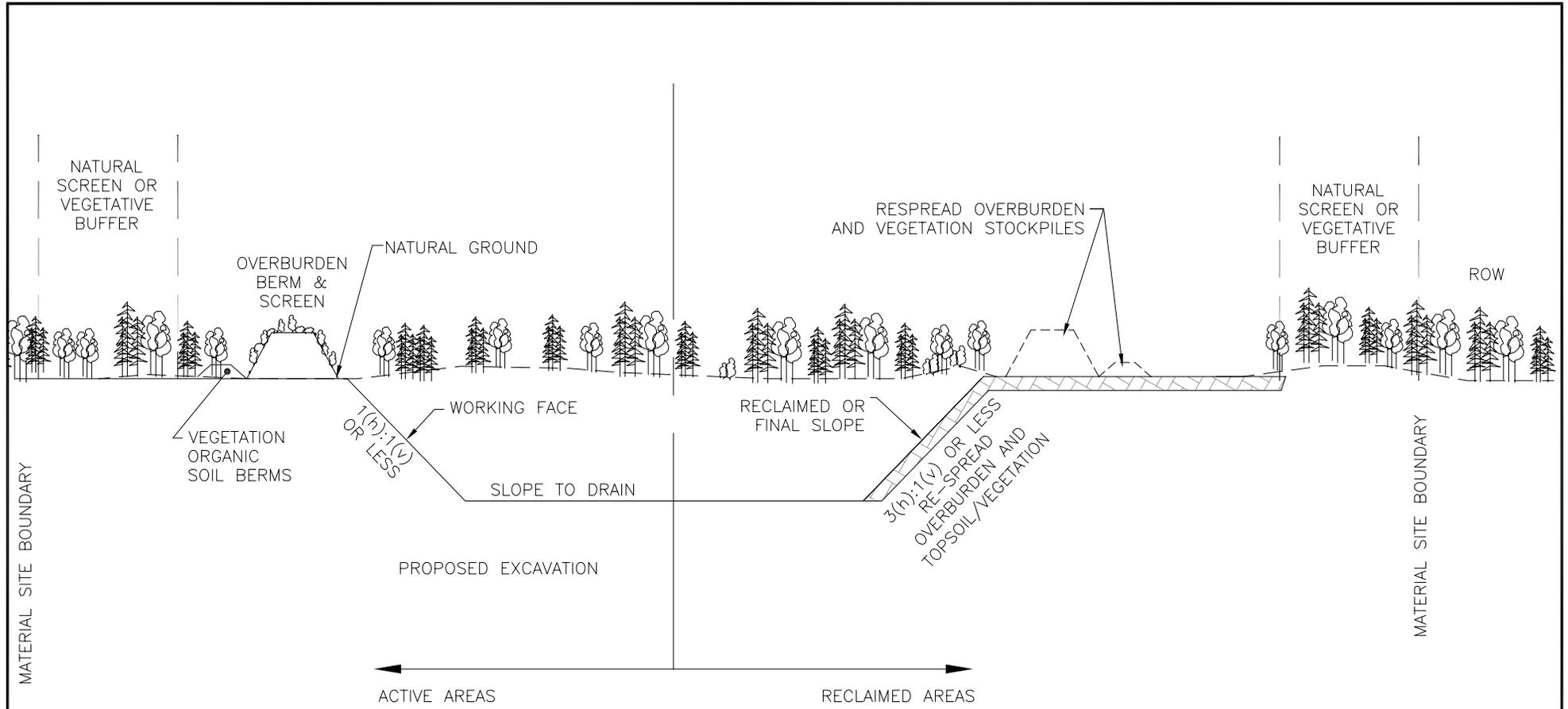
Edgerton Highway MP 24-29
Wetlands



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Department of Transportation and Public Facilities
2301 Peger Road Fairbanks, AK 99709



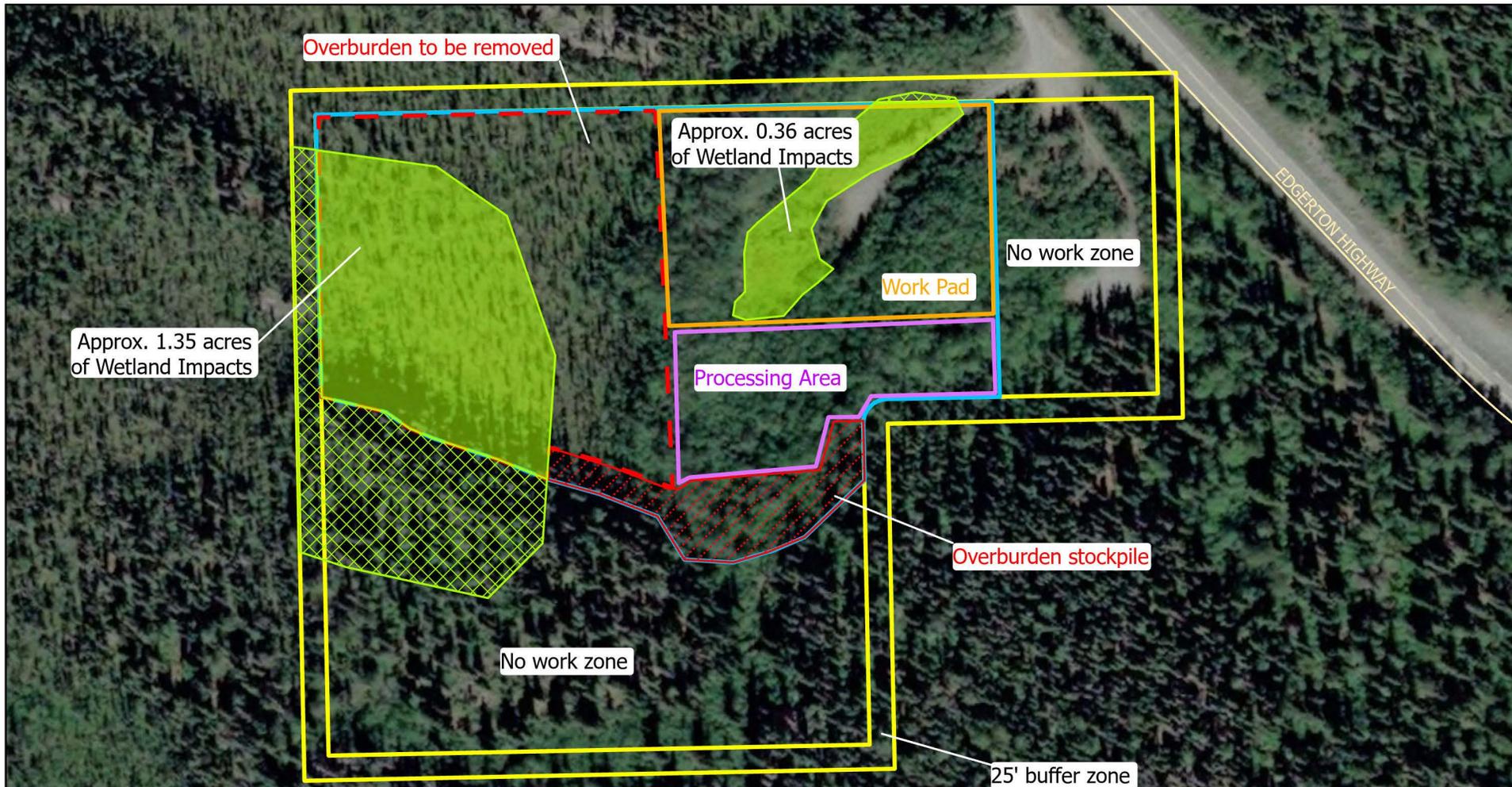
Oct 30, 2007 - 10:08am - Tab: 1



TYPICAL CROSS SECTION OF EXCAVATION ABOVE WATER TABLE
NOT TO SCALE

- FIGURE #### -
- PAGE #### -

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES	
DATA: SM	PROJECT TITLE
DRAWN: RDP	
APPROVED:	PROJECT NO. ####
DATE: ####	Q:\MTR\GEO\Xsect_gravel_excavation_bwt-1 POA-2022-00495

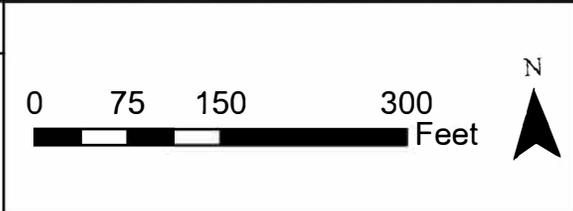


LEGEND

- Edgerton Highway
- Wetland Impacts
- No Wetland Impacts
- Material Site Boundary

Figure 1 11/30/2022

NFHWY00587
 Edgerton Highway MP 24-29 Resurfacing
 North Liberty Falls Pit (MS 850-033-5)

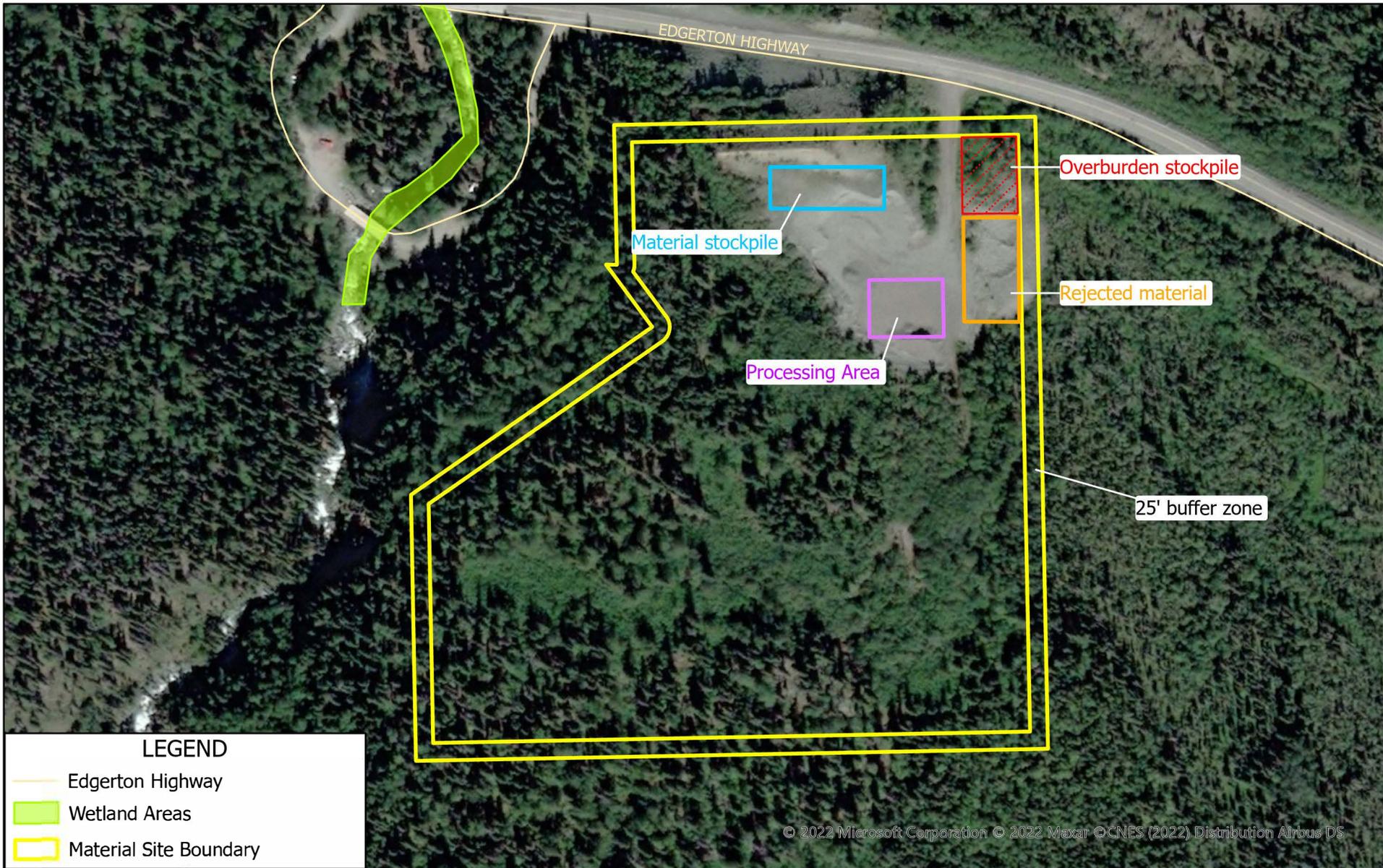


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Projection Alaska Albers Equal Area Conic. Sources



LEGEND

-  Edgerton Highway
-  Wetland Areas
-  Material Site Boundary

Figure 2 11/30/2022

NFHWY00587
 Edgerton Highway MP 24-29 Resurfacing
 South Liberty Falls Pit (MS 850-032-5)

0 75 150 300
 Feet

N



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Projection Alaska Albers Equal Area Conic. Sources