



US Army Corps  
of Engineers  
Alaska District

# Public Notice of Application for Permit

FAIRBANKS FIELD OFFICE  
Regulatory Division (1145)  
CEPOA-RD  
1046 Marks Road  
Fort Wainwright, Alaska 99703

<b>PUBLIC NOTICE DATE:</b>	<b>May 31, 2024</b>
<b>EXPIRATION DATE:</b>	<b>Jul 1, 2024</b>
<b>REFERENCE NUMBER:</b>	<b>POA-2023-00175</b>
<b>WATERWAY:</b>	<b>Pearl Creek</b>

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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](mailto: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 Carolyn Farmer at (561) 785-5634 or by email at [Carolyn.H.Farmer@usace.army.mil](mailto:Carolyn.H.Farmer@usace.army.mil) if further information is desired concerning this public notice.

**APPLICANT:** Alaska Department of Transportation and Public Facilities, Division of Design and Engineering Services, Point of Contact Kerri Martin, 2301 Peger Road, Fairbanks, Alaska 99709

**LOCATION:** The project site is located at Section 31, T. 2N., R. 1W., Fairbanks Meridian; USGS Quad Map Point Roberts OE N; starts at Latitude 64.886° N., Longitude 147.813° W and ends at Latitude 64.892° N., 147.817° W.; Fairbanks, Alaska.

PURPOSE: The applicant's stated purpose is to repave the existing parking lot and extend a second driveway into Pearl Creek Elementary School to alleviate congestion during student pickup and drop-off times, which will reduce vehicle wait times. The project will also provide electrical vehicle plug-ins for preheating motor vehicles during cold temperatures. The decrease in congestion will reduce the time vehicles will be idling in a queue and installation of electrical plug-ins will decrease emissions and cold engine starts. Together these improvements will reduce vehicle fuel consumption, emissions, and engine wear.

PROPOSED WORK: The proposed driveway installation and parking lot upgrades consist of 1.30 acres of permanent impacts from the discharge of approximately 8,000 cubic yards of fill and 0.70 acres of temporary impacts for fill in slopes as well as clearing limits into waters of the U.S. (WOTUS). This access improvement project includes restriping of the parking lot, installation of new electrical vehicle plug-ins, utility relocates, new sign installation, cleaning and reconditioning of ditches, culvert installation on new and existing pavement, and vegetation clearing and grubbing. The project is scheduled to begin construction summer 2024 and estimated to be completed fall 2025.

All work would be performed in accordance with the enclosed plan (sheets 1-5), dated February 2024.

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.

- a. Avoidance and Minimization: The applicant has stated that complete avoidance of wetlands is not practicable as there is no reasonable, entirely upland alternative (location and/or alignment) within the project area. The impacts to palustrine waters of the U.S. have been avoided where possible.

These avoidance and minimizations considerations are:

- The embankment slopes have been designed to minimize wetland impacts by using 3:1 slopes.
- Existing drainage patterns will be maintained or enhanced wherever possible, including installation of cross-drainage culverts. Culvert quantity and placement are above hydraulic requirements. Culvert installations will improve water quality by reducing scour and erosion, reduce flooding, and maintain hydrological connectivity, resulting in ecological uplift for existing wetlands adjacent to the project area.
- Temporary stockpiles and staging area will be located in uplands or previously disturbed areas.
- Appropriate erosion and sediment control measures (BMPs) will be implemented on or at the perimeters of disturbed soil surfaces to minimize the transport of sediment.
- Wetlands left with exposed soil as a result of construction will be seeded with a native perennial grass seed mixture to provide vegetation stabilization. Project contract specs include utilization of certified weed-free seed mixture. Seed containing prohibited noxious weeds will not be incorporated into the project.

b. Compensatory Mitigation: The applicant is not proposing compensatory mitigation.

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: The lead Federal agency, ADOT&PF acting for the Federal Highway Administration, is responsible for compliance with the requirements of Section 106 of the National Historic Preservation Act. The latest published version of the Alaska Heritage Resources Survey (AHRs) has been consulted by ADOT&PF for the presence or absence of historic properties, including those listed in or eligible for inclusion in the National Register of Historic Places. There are cultural resources in the permit area or within the vicinity of the permit area. A Categorical Exclusion (CatEx) for 106 compliance determined that the project "meets all the Tier 1 & 2 Allowances General Conditions (1-6) as outlined in the First Amended FHWA Alaska Division Section 106 Programmatic Agreement Appendix B, December 11, 2017 (revised October 2018). The Corps has reviewed the Section 106 documentation from AKDOT&PF and concurs with their findings and/or determinations.

ENDANGERED SPECIES: No threatened or endangered species are known to use 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 U.S. Fish and Wildlife Service 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 (Magnuson-Stevens 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).

The project area is not within mapped EFH.

We have determined the described activity would not adversely affect EFH in the project area.

TRIBAL CONSULTATION: The 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 Corps, 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 rights or resources. Consultation may be initiated by the affected Tribe upon written request to the

District Commander. If applicable this application will be coordinated with federally recognized tribes and other consulting parties.

**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:

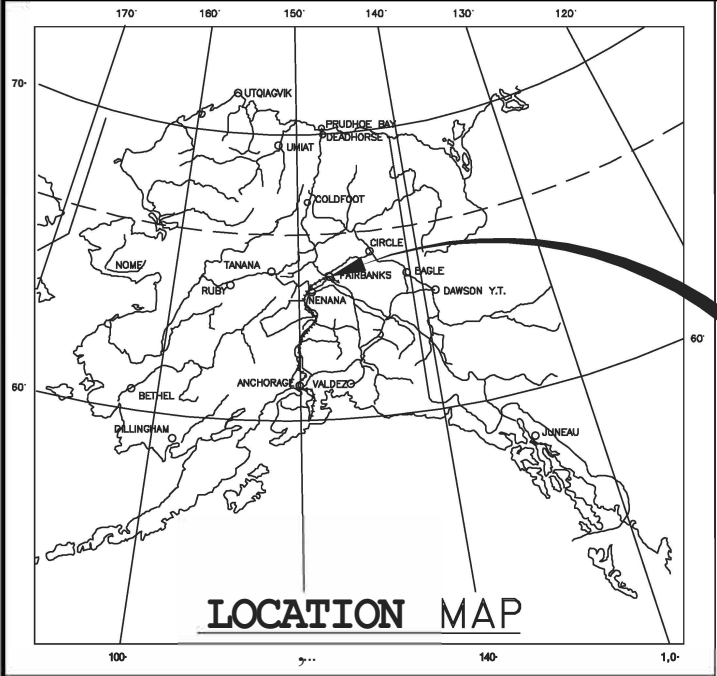
(X) Discharge dredged or fill material into waters of the United States – Section 404 Clean Water Act (33 U.S.C. 1344). Therefore, our public interest review will consider the guidelines set forth under Section 404(b) of the Clean Water Act (40 CFR 230).

Project drawings are enclosed with this public notice.

District Commander  
U.S. Army, Corps of Engineers

Enclosures

100, FAIRBANKS, AK 99709, (907) 374-0275



PROJECT  
LOCATION

PROPOSED PROJECT

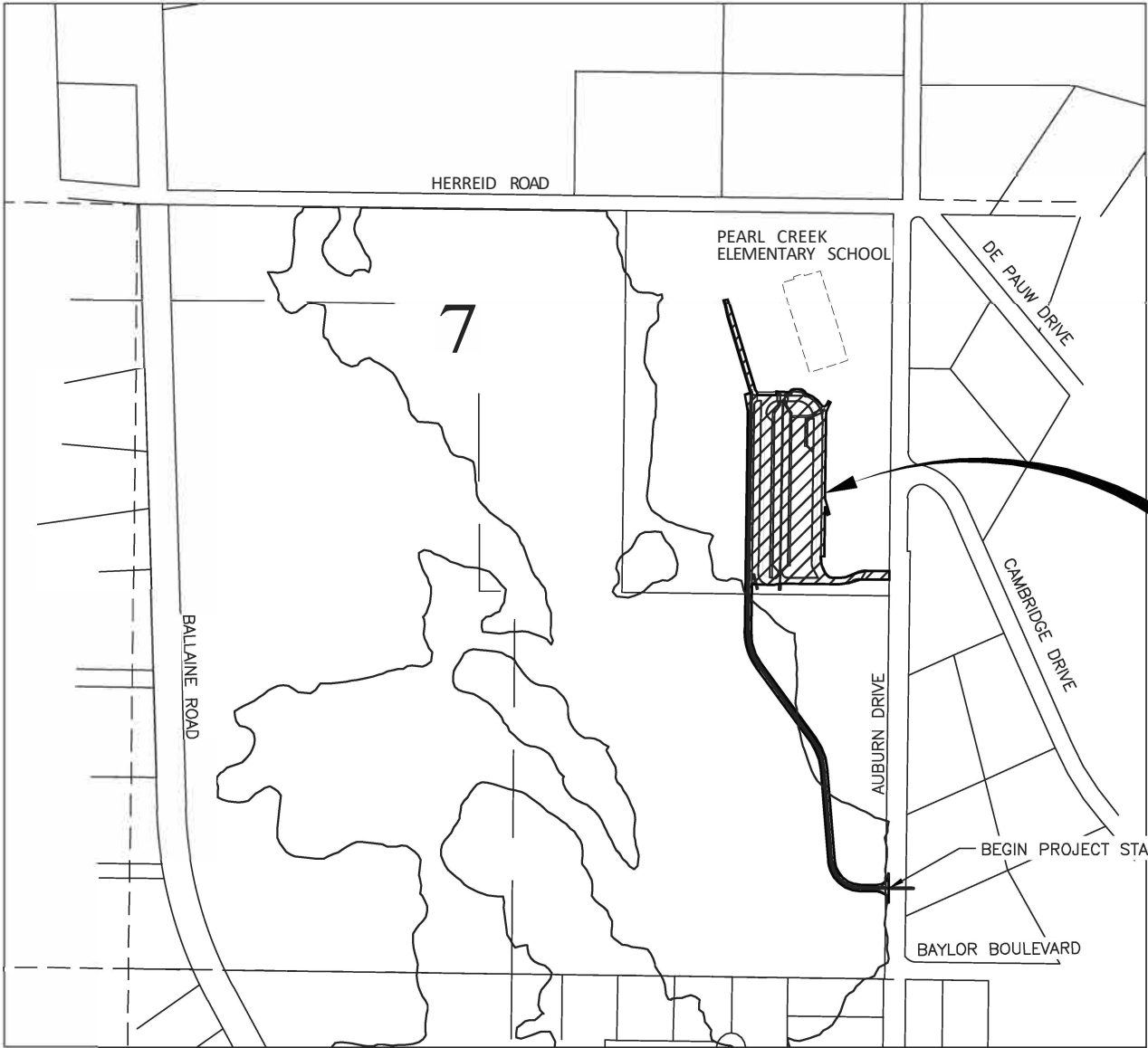
PEARL CREEK ELEMENTARY SCHOOL ACCESS IMP AND PLUG-INS

002519/NFHWWY00712

WETLANDS IMPACT

WETLANDS AREA IMPACTS			
DATE: FEB 2024	0002519/NFHWWY00712	SHEET: 1	OF 3

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
1	COVER
2	TYPICAL SECTION
3	ACCESS ROAD



PROJECT  
LOCATION

STATE OF ALASKA

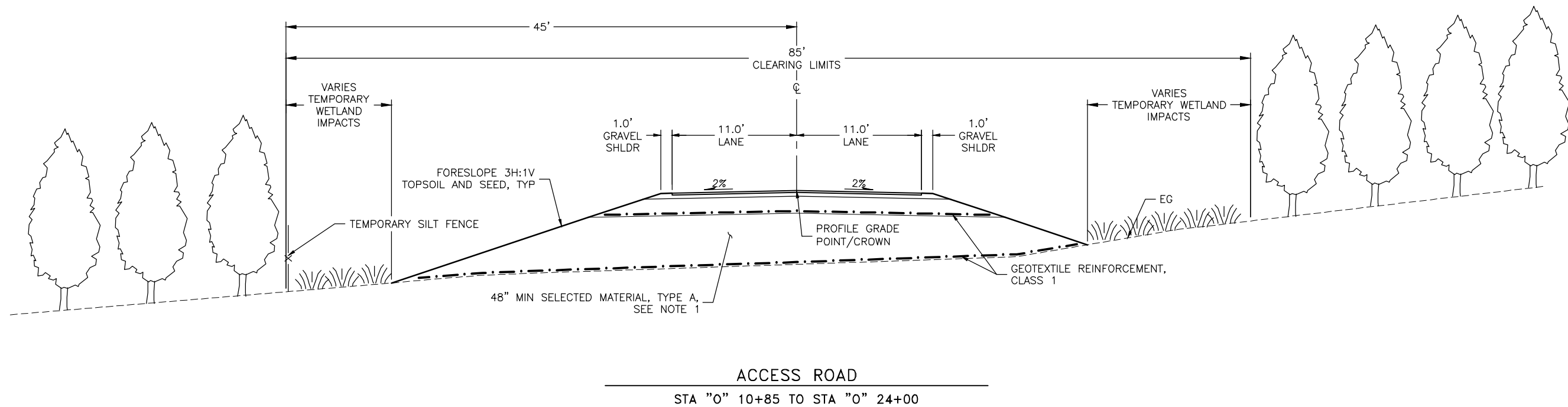
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

2301 PEGER RD. FAIRBANKS, AK 99709

DESIGN PERMIT FIGURES  
NOT FOR CONSTRUCTION

PLANS DEVELOPED BY: DOWL, LLC, CERT. OF AUTHORIZATION NO.: AECL848, 3535 COLLEGE ROAD, SUITE 100, FAIRBANKS, AK 99709, (907) 374-0275  
C:\dowl\_pw\30407288\00712\_B-2\_Thu, Apr/11/24 11:18am

WETLANDS AREA IMPACTS			
DATE: FEB 2024	0002519/NFHWY00712	SHEET: 2	OF 3



PERMITTING NOTES:

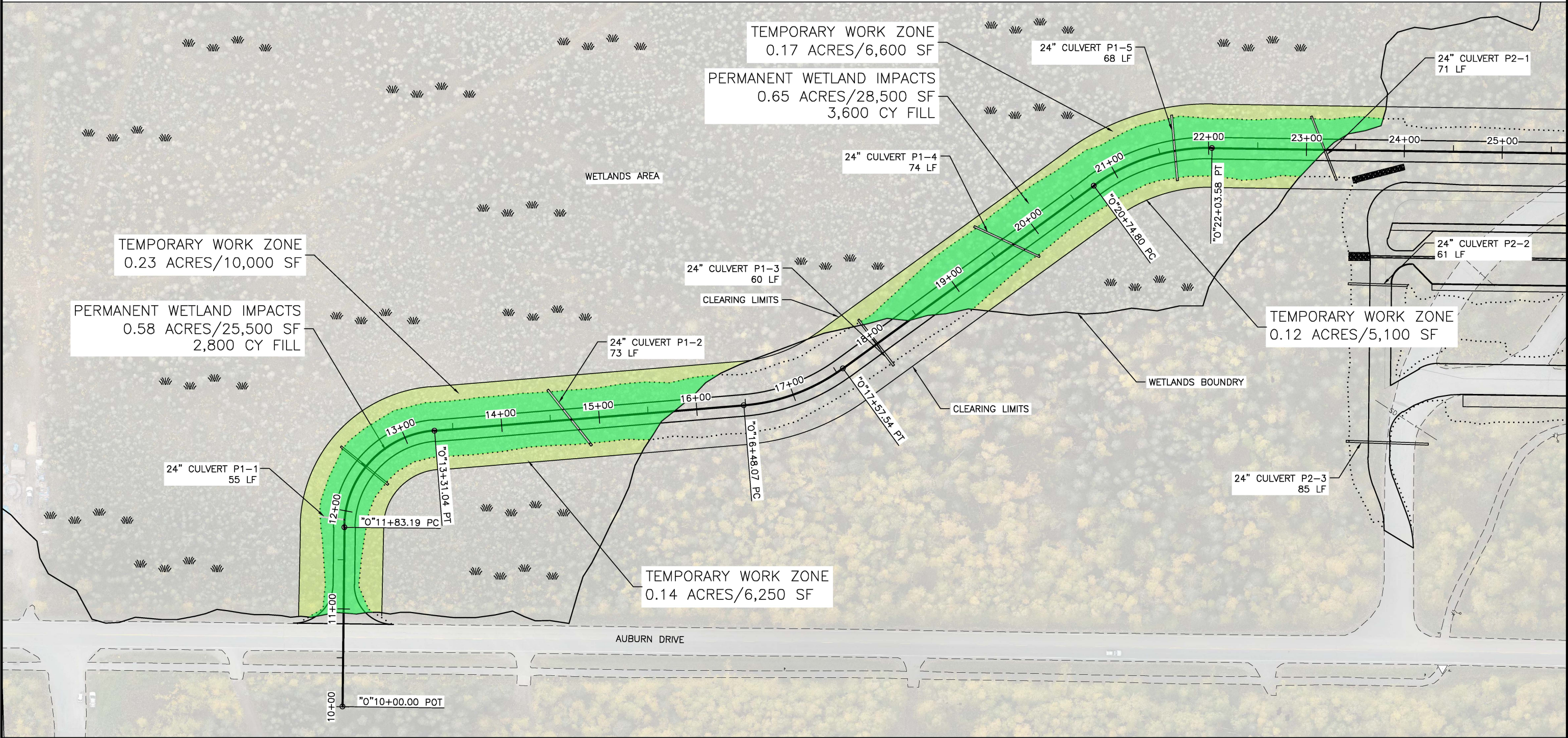
1. MAPPED WETLAND IMPACTS ONLY EXIST ALONG ACESS ROAD BETWEEN "O" 10+85 AND "O" 24+00.
2. CLEARING LIMITS DO NOT INCLUDE GRUBBING.
3. CLEARING LIMITS CHOSEN TO PROVIDE ADEQUATE ROOM FOR THE PLANNED WORK AND TO ALLOW FOR DRIVER COMFORT WHEN DRIVING ALONG THE ACCESS DRIVE.
4. CULVERTS INSTALLED PER ALASKA STANDARD PLAN D-01.02

TYPICAL SECTIONS

DESIGN PERMIT FIGURES  
NOT FOR CONSTRUCTION



PLANS DEVELOPED BY: DOWL LLC, CERT. OF AUTHORIZATION NO.: AECL848, 3535 COLLEGE ROAD, SUITE 100, FAIRBANKS, AK 99709, (907) 374-0275  
C:\dowl\_pw\0406607\Pearl Creek Wetlands Impact-3 Thu, Apr/11/24 10:09am



LEGEND:

- |  |                   |
|--|-------------------|
|  | MAPPED WETLANDS   |
|  | TEMPORARY IMPACTS |
|  | PERMANENT IMPACTS |

NEW ACCESS ROAD

DESIGN PERMIT FIGURES  
NOT FOR CONSTRUCTION



PLANS DEVELOPED BY: DOWL, LLC, CERT. OF AUTHORIZATION NO.: AECL848, 3535 COLLEGE ROAD, SUITE 100, FAIRBANKS, AK 99709, (907) 374-0275  
C:\dowl\_pw\30412685\00712\_D-D1 Fri, Jan/19/24 03:03pm

NO.	DATE	REVISION	STATE	PROJECT	DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	0002519/NFH	WY00712	2024	D1	D1

608.0006.0000 - CURB RAMP						
SHEET	NORTHING	EASTING	TYPE	DETECTABLE WARNING TILE		REMARKS
				LAYOUT TYPE	W1/W2 X DEPTH (FT)	
F2/G2	215654.86	662997.80	Parallel	RECTANGULAR	7'X2'	
F2/G2	215690.21	662998.31	Parallel	RECTANGULAR	7'X2'	
F2/G2	215725.56	662998.83	Parallel	RECTANGULAR	7'X2'	
F2/G2	215743.09	663019.97	Parallel	RECTANGULAR	6'X2'	
F2/G2	215756.62	663048.82	Perendicular	RECTANGULAR	6'X2'	
F2/G2	215790.09	662926.70	Perendicular	RECTANGULAR	6'X2'	
F2/G2	215789.83	662902.14	Perendicular	RECTANGULAR	7'X2'	
F2/G2	215811.01	662902.45	Perendicular	RECTANGULAR	6'X2'	
F2/G2	215810.65	662926.95	Perendicular	RECTANGULAR	6'X2'	
TOTAL:		9	EACH			
PAY ITEM QUANTITY:		9	EACH			

630.0003.0001 - GEOTEXTILE, REINFORCEMENT, CLASS 1					
SHEET	STATION FROM	STATION TO	OFFSET	AREA (SY)	REMARKS
F1/F2	"O" 10+85	"O" 24+00	CL	8,253	MATERIAL UNDER BORROW, TYP A FOR ACCESS ROAD
F1/F2	"O" 23+38	"O" 29+85	RT	7,097	MATERIAL UNDER BORROW TYPE A FOR WIDENED PARKING LOT AND DRIVEWAY
F1/F2	"O" 10+80	"O" 29+96	CL	7,025	MATERIAL BELOW SUBBASE GRADING F
TOTAL:				22,375	SY
PAY ITEM QUANTITY:				22,400	SY

603.0001.0024 CSP 24 INCH										
SHEET	PIPE ID	START			END			LENGTH (FT)	GRADE	REMARKS
		NORTHING	EASTING	INVERT	NORTHING	EASTING	INVERT			
F1	P1-1	214138.9	663177.7	580.7	214085.3	663171	579.5	54.1	2.2%	
F1	P1-2	214365.5	663098.4	587.4	214320.5	663042	584.5	72.6	4.0%	
F1	P1-3	214674.1	663016.8	597.8	214637.9	662970	596.6	59.3	2.0%	
F1	P1-4	214823.2	662905.7	608.1	214756.1	662875	601.8	73.9	8.5%	
F1	P1-5	214964.7	662828.0	608.4	214959.0	66760.9	606.0	67.4	3.6%	
F2	P2-1	215126.2	662827.3	615.2	215123.9	662762	613.8	65.6	2.1%	
F2	P2-2	215198.8	662935.2	620.9	215138.3	662933	618.6	60.6	3.7%	
F2	P2-3	215138.3	662933.2	627.4	215136.2	663094	624.5	84.0	3.5%	
TOTAL:								537.5	FT	
PAY ITEM QUANTITY:								540	FT	

618.0002.0000 - SEEDING					
SHEET	STATION FROM	STATION TO	OFFSET	WEIGHT (LB)	REMARKS
F1/F2	"O" 10+85	"O" 29+74	LT	48.5	ACCESS ROAD FILL SLOPES
F1/F2	"O" 10+85	"O" 29+96	RT	59.1	ACCESS ROAD, LOWER PARKING, AND DRIVEWAY FILL SLOPES
F2	"O" 23+89	"O" 29+96	RT	23.9	AREA BETWEEN BUS LOADING AND UPPER PARKING LOT
F2	"O" 24+46	"O" 30+26	RT	6.5	AREA BEHIND BUS LOADING SIDEWALK
TOTAL:				138.0	LB
PAY ITEM QUANTITY:				138	LB

620.0001.0000 - TOPSOIL					
SHEET	STATION FROM	STATION TO	OFFSET	AREA (SY)	REMARKS
F1/F2	"O" 10+85	"O" 29+74	LT	3,590.8	ACCESS ROAD FILL SLOPES
F1/F2	"O" 10+85	"O" 29+96	RT	4,379.9	ACCESS ROAD, LOWER PARKING, AND DRIVEWAY FILL SLOPES
F2	"O" 23+89	"O" 29+96	RT	1,772.2	AREA BETWEEN BUS LOADING AND UPPER PARKING LOT
F2	"O" 24+46	"O" 30+26	RT	478.7	AREA BEHIND BUS LOADING SIDEWALK
TOTAL:				10,221.6	SY
PAY ITEM QUANTITY:				10,300	SY

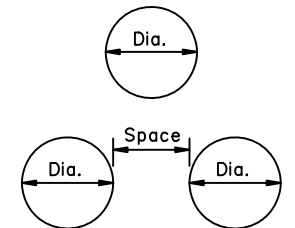
SUMMARY TABLES



GENERAL NOTES:

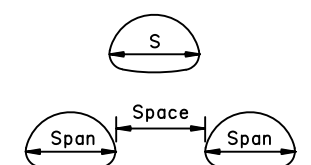
1. Sidefill shall be placed and compacted with care under haunches of pipe and shall be brought up evenly and simultaneously on both sides of pipe to 1 foot above the top of the full length of the pipe.
2. Alternate installation methods may only be used when specified or approved by the Engineer.

D = Nominal Pipe Diameter



MULTIPLE INSTALLATIONS	
Dia.	Minimum Space Between Pipes
0" - 42"	24"
48" & Over	1/2 Dia. of pipe or 3', whichever is less.

S = Nominal Pipe Arch Span



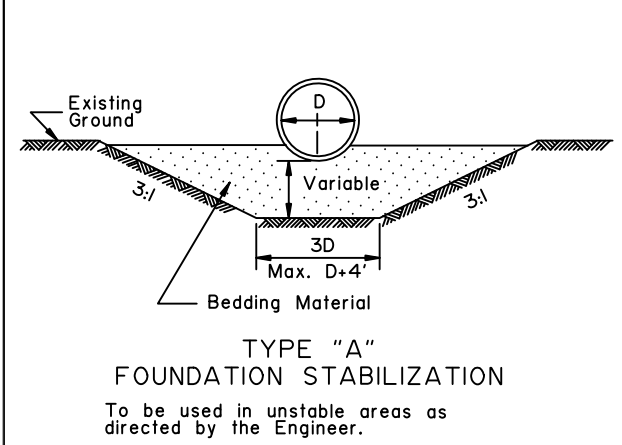
MULTIPLE INSTALLATIONS	
Dia.	Minimum Space Between Pipes
0" - 42"	24"
48" & Over	1/2 Span of pipe arch or 3', whichever is less.

State of Alaska DOT&PF  
ALASKA STANDARD PLAN  
CULVERT PIPE & ARCH  
INSTALLATION DETAILS

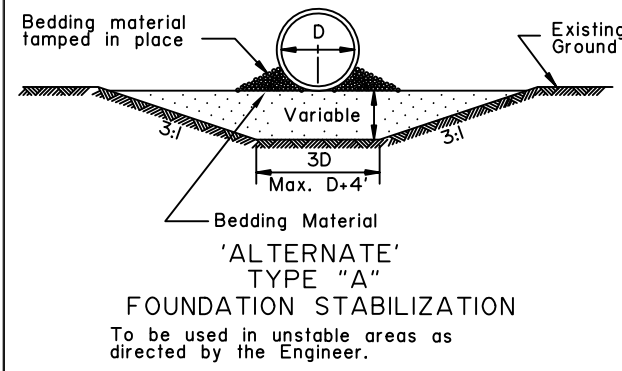
Adopted as an Alaska  
Standard Plan by: *Kenneth J. Fisher*  
Kenneth J. Fisher, P.E.  
Chief Engineer

Adoption Date: 02/08/2019

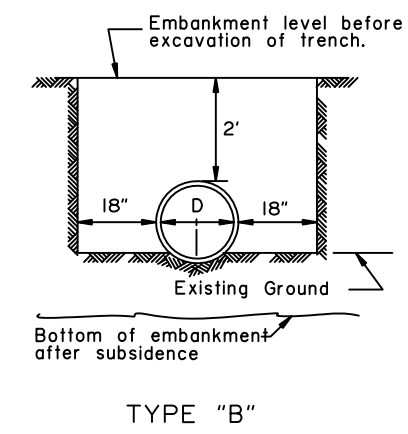
Last Code and Stds. Review  
By:                      Date:  
Next Code and Standards Review date: 02/08/2029



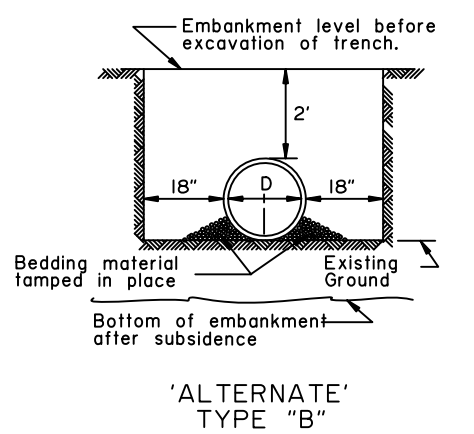
TYPE "A"  
FOUNDATION STABILIZATION  
To be used in unstable areas as  
directed by the Engineer.



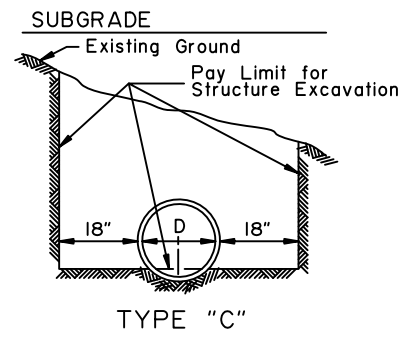
'ALTERNATE'  
TYPE "A"  
FOUNDATION STABILIZATION  
To be used in unstable areas as  
directed by the Engineer.



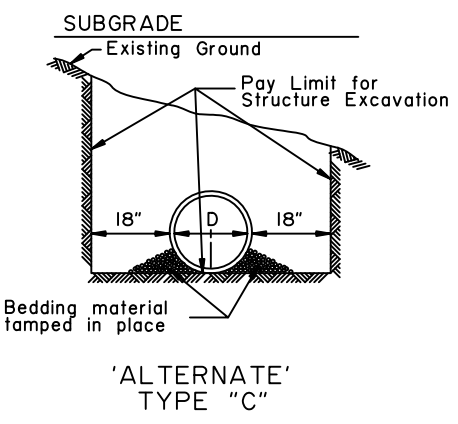
TYPE "B"



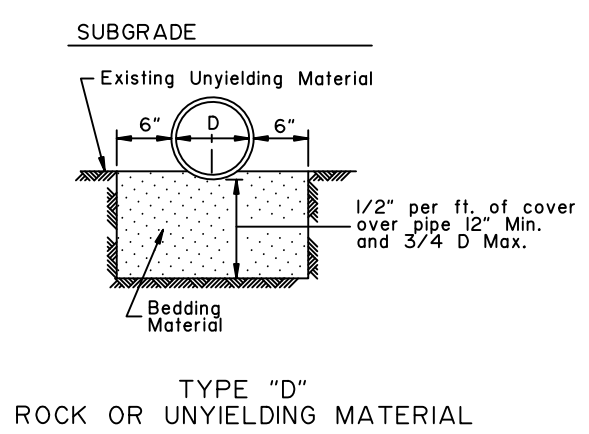
'ALTERNATE'  
TYPE "B"



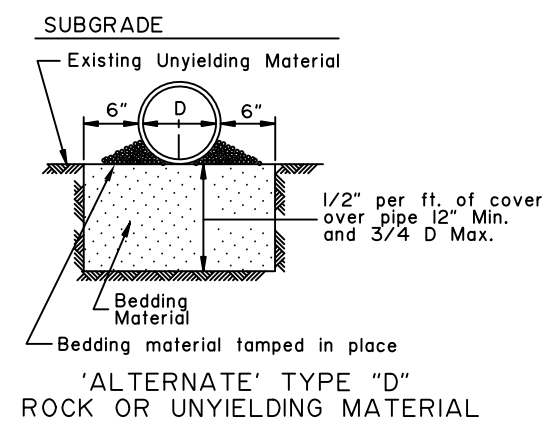
TYPE "C"



'ALTERNATE'  
TYPE "C"

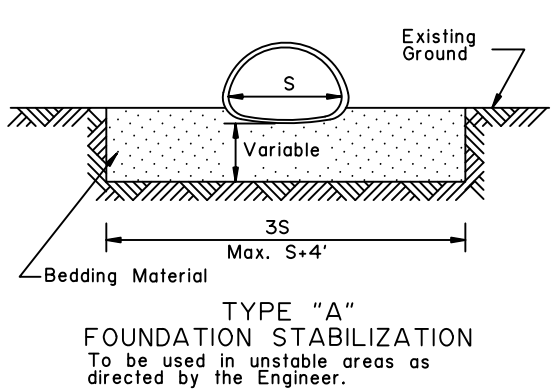


TYPE "D"  
ROCK OR UNYIELDING MATERIAL

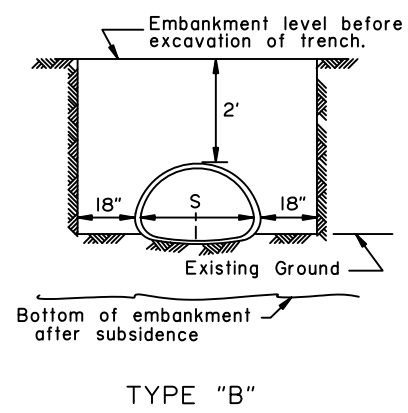


'ALTERNATE' TYPE "D"  
ROCK OR UNYIELDING MATERIAL

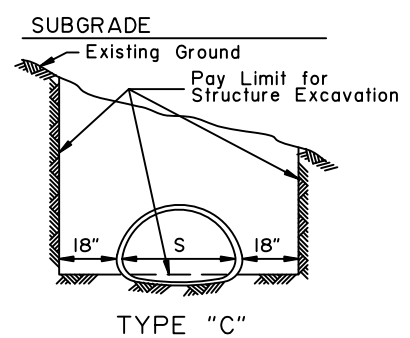
CULVERT PIPE



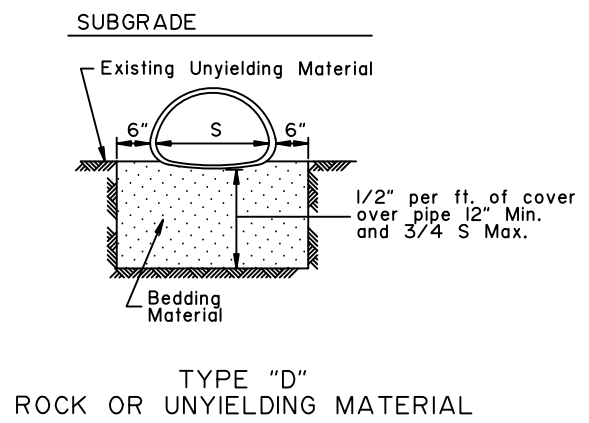
TYPE "A"  
FOUNDATION STABILIZATION  
To be used in unstable areas as  
directed by the Engineer.



TYPE "B"



TYPE "C"



TYPE "D"  
ROCK OR UNYIELDING MATERIAL

ARCH