B2H Exhibit J Errata Sheet

Dear Reader:

Exhibit J provides information regarding wetlands and other waters of this state (WOS) within the Site Boundary for the Boardman to Hemingway Transmission Line Project (Project). Additionally, Exhibit J includes evidence supporting issuance of an Oregon Department of State Lands (DSL) Removal-Fill Permit for those parcels IPC has had access to and has surveyed for WOS, and Idaho Power Company (IPC) requests that the Energy Facility Siting Council (EFSC or Council) approve a Removal-Fill Permit under Oregon Revised Statute (ORS) 469.401(3) covering those parcels and that the approval be included in and governed by the site certificate. For the parcels IPC has not yet had access to, IPC request that the Council include a condition in the site certificate providing IPC shall complete WOS surveys for those parcels after gaining access to the same, IPC shall supplement its Removal-Fill Permit application to finalize the information relevant to the previously unsurveyed parcels, and the Oregon Department of Energy (ODOE) may approve the supplemented Removal-Fill Permit covering all relevant Project parcels, including those that were previously unsurveyed.

The Applicant submitted its final Application for Site Certification on October 3, 2018. Subsequently, the Oregon Department of Energy requested certain additional information about the Project pursuant to Oregon Administrative Rule (OAR) 345-015-0190(9). This errata sheet provides the requested information—which may include corrections to the exhibit text, tables, figures, and/or proposed conditions—as it relates to Exhibit J.

As you read this exhibit, please keep in mind that any additional information identified in this errata sheet shall prevail over the contents of the exhibit document itself.

Summary of Additional Information Provided for Exhibit J and Its Attachments

Page #	Section #	Description of Change(s) Made
Page 1	Attachment J-3	JPA form added. The JPA form was inadvertently not included in the ASC submittal.
Page 130 and Page 132	JPA, Part 3	Table O-1A and Table O-2A were revised to include columns for temporary removal-fill volumes
Attachment K	Attachment K	Appendix K figures K-239, K-240, and K-241 were added. They were inadvertently not included in the ASC submittal.

Specific Additional Information Provided for Exhibit J

Page 1, Section Attachment J-3,

Description of Additional Information: JPA Form was added. JPA form added. The JPA form was inadvertently not included in the ASC submittal.

Text Edits Shown in Red**:**

Please see attached revised JPA Form.

Page, 130 and 132, Section Table U-O-1A and O-2A

Description of Additional Information: Table O-1A and Table O-2A were revised to include columns for temporary removal-fill volumes

Text Edits Shown in Red:

Table O-1A. Temporary and Permanent Impacts to Delineated Wetlands

Feature ID	County	Appendix K Crossing Type	R F Dimensions	Permanent Impacts (acres)	Temporary Impacts (acres)	Permanent Removal (cubic yards)	Permanent Fill (cubic yards)	Temporary Removal (cubic yards)	Temporary Fill (cubic yards)
BA_BR_W446	Baker	K239	Variable	0.003	0.008	8	8	13	13
BA_FL_W_011	Baker	K239	Variable	0.006	0.008	16	17	13	13
BA_FL_W_012	Baker	K239	Variable	0.008	0.019	21	22	30	30
BA_WT_W_010	Baker	K239	Variable	0.002	0.002	5	6	3	3
BA_WT_W_202	Baker	K239	Variable	0.003	0.008	8	8	13	13
BA_WT_W_204	Baker	K239	Variable	0.015	0.037	39	41	60	60
BA_WT_W_206	Baker	K239	Variable	0.006	0.013	16	17	21	21
UN_MC_W_018	Union	K239	Variable	0.151	0.177	390	413	286	286
UN_MC_W_019	Union	K239	Variable	0.010	0.099	26	28	160	160
UN_ML_W_004	Union	K239	Variable	0.003	0.006	8	8	10	10
UN_ML_W_015	Union	K239	Variable	0.003	0.008	8	8	13	13
Grand Total				**0.211**	**0.386**	**545**	**576**	**622**	**622**

Table O-2A. Temporary and Permanent Impacts to Delineated Other Waters

Feature ID	County	Appendix K Crossing Type	RF Dimensions	Permanent Impacts (acres)	Temporary Impacts (acres)	Permanent Removal (cubic yards)	Permanent Fill (cubic yards)	Temporary Removal (cubic yards)	Temporary Fill (cubic yards)	Permanent Stream Length (Feet)	Temporary Stream Length (Feet)
BA_FL_008	Baker	K-241	Variable	0.001	0.002	0	0	3	3	25.67	102.34
BA_FL_STRM_023	Baker	K-241	Variable	0.002	0.003	4	3	5	5	20.85	29.26
BA_FL_STRM_024	Baker	K-241	Variable	0.000	0.004	0	0	6	6	0.00	14.80
BA_WT_STRM_017	Baker	K-240	Variable	0.006	0.007	12	8	11	11	55.08	57.87
BA_WT_STRM_020	Baker	K-240	Variable	0.002	0.002	4	3	3	3	15.19	17.40
BA_WT_STRM_027	Baker	K-240	Variable	0.005	0.012	4	6	19	19	22.03	54.65
BA_WT_STRM_029	Baker	K-240	Variable	0.001	0.004	1	1	6	6	15.22	38.35
BA_WT_STRM_211	Baker	K-240	Variable	0.001	0.002	2	1	3	3	15.64	33.45
BA_WT_STRM_213	Baker	K-240	Variable	0.001	0.002	2	1	3	3	15.23	31.52
BA_WT_STRM_214	Baker	K-240	Variable	0.001	0.001	2	1	2	2	14.38	16.43
BA_WT_STRM_215	Baker	K-240	Variable	0.007	0.009	14	9	15	15	120.06	150.03
BA_WT_STRM_225	Baker	K-240	Variable	0.002	0.004	4	3	6	6	17.53	43.48
MA_TM_005	Malheur	K-240	Variable	0.001	0.001	2	1	2	2	16.22	18.56
MA_TM_465	Malheur	K-240	Variable	0.000	0.000	0	0	0	0	0.00	1.12
MO_SW_STRM_300	Morrow	K-240	Variable	0.007	0.015	14	9	24	24	14.79	31.60
UM_SW_STRM_004	Umatilla	K-240	Variable	0.013	0.027	26	17	44	44	28.04	60.27
UM_SW_STRM_008	Umatilla	K-241	Variable	0.000	0.000	0	0	2	2	0.00	0.01
UM_SW_STRM_013	Umatilla	K-240	Variable	0.011	0.013	22	15	21	21	14.32	16.33
UN_MC_STRM_001	Union	K-240	Variable	0.002	0.004	4	3	6	6	28.33	29.69
UN_MC_STRM_005	Union	K-240	Variable	0.004	0.006	8	5	10	10	40.98	57.87
UN_MC_STRM_006	Union	K-240	Variable	0.001	0.001	2	1	2	2	15.03	16.03
UN_MC_STRM_300	Union	K-240	Variable	0.000	0.000	0	0	2	2	2.69	12.18
UN_MC_STRM_301	Union	K-240	Variable	0.001	0.002	2	1	3	3	14.58	16.68
UN_ML_STRM_300	Union	K-240	Variable	0.002	0.005	0	0	8	8	14.23	37.52
Grand Total				**0.071**	**0.125**	**129**	**88**	**206**	**206**	**526.08**	**887.42**

Note: Project impacts currently listed at streams with fish presence will be avoided after final design, before the project is completed

Attachment K, Figures K-239, K-240, and K-241

Description of Additional Information: Appendix K figures K-239, K-240, and K-241 were revised.

Text Edits Shown in Red

Please see attached revised Appendix K figures K-239, K-240, and K-241

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Joint Permit Application

This is a joint application, and must be sent to both agencies, who administer separate permit programs. Alternative forms of permit applications may be acceptable; contact the Corps and DSL for more information.

Date Stamp

U.S. Army Corps of Engineers Portland District	Oregon Department of State Lands
Corps Action ID Number	DSL Number

(1) APPLICANT AND LANDOWNER CONTACT INFORMATION

	Applicant	Property Owner (if different)	Authorized Agent (if applicable) ☐ Consultant ☐ Contractor
Contact Name	**Zach Funkhouser**	**See Appendix A**	
Business Name	**Idaho Power Company**		
Mailing Address 1	**1221 W Idaho Street**		
Mailing Address 2			
City, State, Zip	**Boise, ID 83702**		
Business Phone	**(208) 388-5375**		
Cell Phone			
Fax			
Email			

(2) PROJECT INFORMATION

A. Provide the project location.

Project Name	Tax Lot #	Latitude & Longitude*
Boardman to Hemingway Transmission Line Project	**See Appendix C**	**Start: 45.846764, -119.616633 End: 43.549194, -117.026997 See Appendix C**
Project Address / Location **See Appendix B**	City (nearest) N/A	County Mo, Um, Un, Ba, Ma

Township	Range	Section	Quarter/Quarter
See Appendix C	**See Appendix C**	**See Appendix C**	**See Appendix C**

Brief Directions to the Site
See Appendix D for Directions to the Sites.

B. What types of waterbodies or wetlands are present in your project area? (Check all that apply.)

☑ River / Stream ☐ Non-Tidal Wetland ☐ Lake / Reservoir / Pond
☐ Estuary or Tidal Wetland ☐ Other ☐ Pacific Ocean

Waterbody or Wetland Name**	River Mile	6th Field HUC Name	6th Field HUC (12 digits)
See Appendix E			

C. Indicate the project category. (Check all that apply.)

☐ Commercial Development ☐ Industrial Development ☐ Residential Development
☐ Institutional Development ☐ Agricultural ☐ Recreational
☐ Transportation ☐ Restoration ☐ Bank Stabilization
☐ Dredging ☑ Utility lines ☐ Survey or Sampling

(2) PROJECT INFORMATION

☐ In- or Over-Water Structure ☐ Maintenance ☐ Other:

* In decimal format (e.g., 44.9399, -123.0283)
** If there is no official name for the wetland or waterway, create a unique name (such as "Wetland 1" or "Tributary A").

(3) PROJECT PURPOSE AND NEED

Provide a statement of the purpose and need for the overall project.

See Appendix F for Project Purpose and Need.

(4) DESCRIPTION OF RESOURCES IN PROJECT AREA

A. Describe the existing physical and biological characteristics of each wetland or waterway. Reference the wetland and waters delineation report if one is available. Include the list of items provided in the instructions.

See Appendix G, Description of Resources: Wetlands and Waters Characteristics.

Table G-1A. Characteristics of Delineated Wetland Resources Proposed for Removal Fill Impacts

Table G-2A. Characteristics of Delineated Other Waters Proposed for Removal Fill Impacts

Table G-3. Characteristics of Delineated Other Waters (Ephemeral Streams) Proposed for Removal Fill Impacts

See Appendix H, State and Federally Listed Species.

Table H-1 Federal or State Threatened and Endangered Species Potentially Present within the Project Site Boundary

B. Describe the existing navigation, fishing and recreational use of the waterway or wetland.

OAR § 141-085-0565(3)(c) states that the Department of State Lands will issue a permit if it determines the project "would not unreasonably interfere with the paramount policy of this state to preserve the use of its waters for navigation, fishing and public recreation, when the project is on state-owned land."

No impacts to wetlands or other waters are currently proposed on state-owned land within the Site Boundary.

(5) PROJECT SPECIFIC CRITERIA AND ALTERNATIVES ANALYSIS

Describe project-specific criteria necessary to achieve the project purpose. Describe alternative sites and project designs that were considered to avoid or minimize impacts to the waterway or wetland.

(5) PROJECT SPECIFIC CRITERIA AND ALTERNATIVES ANALYSIS

See Appendix I, Alternatives Analysis.
Table I-1 Avoidance and Minimization Actions

(6) PROJECT DESCRIPTION

A. Briefly summarize the overall project including work in areas both in and outside of waters or wetlands.

See Appendix J, Summary of Overall Project Work.

B. Describe work within waters and wetlands.

See Appendix K, Work in Waters and Wetlands.

C. Construction Methods. Describe how the removal and/or fill activities will be accomplished to minimize impacts to waters and wetlands.

(6) PROJECT DESCRIPTION

See Appendix L, Measures to Minimize Impacts.
Table L-1

See Appendix M, Erosion and Sediment Control Plan.

D. Describe source of fill material and disposal locations if known.

See Appendix N, Fill Material and Disposal Locations.

(6) PROJECT DESCRIPTION

E. Construction timeline.

What is the estimated project start date? **2023**

What is the estimated project completion date? **2026**

Is any of the work underway or already complete? ☐ Yes ☐ No
If yes, describe.

F. Fill Volumes and Dimensions (if more than 4 impact sites, include a summary table as an appendix)

Wetland / Waterbody Name *	Fill Dimensions					Duration of Impact**	Material***
	Length (ft.)	Width (ft.)	Depth (ft.)	Area (sq.ft. or ac.)	Volume (c.y.)		
See Appendix O	See Appendix K Figures K-239 through K-241			ACRES			See Appendix N
Wetlands	varies	varies	varies	0.211 ac	576	Permanent	"
Wetlands	varies	varies	varies	0.386 ac	622	Temporary	"
Other Waters	varies	varies	varies	0.071 ac (0.072 ac for ephemerals)	206 (96 c.y. for ephemerals)	Permanent	"

Other Waters	**varies**	**varies**	**varies**	**0.125 ac (0.339 ac for ephemerals)**	**206**	**Temporary**	**“**

G. Total Fill Volumes and Dimensions

Fill Impacts to Waters	Length (ft.)	Area (sq. ft or ac.)	Volume (c.y.)
Total Fill to Wetlands	varies	0.597 ac.	576
Total Fill Below Ordinary High Water	526’ Permanent +887’ Temporary 1413’ Total (1083’ Permanent for ephemerals)	0.071ac Perm. 0.125ac Temp. 0.196ac Total (0.09 ac Permanent for ephemerals)	88 Permanent; 206 Temporary 294 Total (119 c.y. Permanent for ephemerals)
Total Fill Below Highest Measured Tide	N/A	N/A	N/A
Total Fill Below High Tide Line	N/A	N/A	N/A
Total Fill Below Mean High Water Tidal Elevation	N/A	N/A	N/A

H. Removal Volumes and Dimensions (if more than 4 impact sites, include a summary table as an appendix)

Wetland / Waterbody Name*	Removal Dimensions					Duration of Impact**	Material***
	Length (ft.)	Width (ft.)	Depth (ft.)	Area (sq. ft. or ac.)	Volume (c.y.)		
See Appendix O	See Appendix K Figures K-239 through K-241			ACRES			See Appendix N
Wetlands	varies	varies	varies	0.211 ac	545	Permanent	“
Wetlands	varies	varies	varies	0.386 ac	622	Temporary	“
Other Waters	varies	varies	varies	0.071 ac (0.072 ac for ephemerals)	129 (139 c.y. for ephemerals)	Permanent	“
Other Waters	varies	varies	varies	0.125 ac (0.339 ac for ephemerals)	622	Temporary	“

I. Total Removal Volumes and Dimensions

Removal Impacts to Waters	Length (ft.)	Area (sq. ft or ac.)	Volume (c.y.)
Total Removal to Wetlands	varies	0.597 ac.	545
Total Removal Below Ordinary High Water	526’ Permanent +887’ Temporary 1413’ Total (1083’ Permanent for ephemerals)	0.071ac Perm. 0.125ac Temp. 0.196ac Total (0.09 ac Permanent for ephemerals)	129 permanent; 206 temporary 335 Total (139 c.y. Permanent for ephemerals)
Total Removal Below Highest Measured Tide	N/A	N/A	N/A
Total Removal Below High Tide Line	N/A	N/A	N/A
Total Removal Below Mean High Water Tidal Elevation	N/A	N/A	N/A

* If there is no official name for the wetland or waterway, create a unique name (such as "Wetland 1" or "Tributary A").
** Indicate the days, months or years the fill or removal will remain. Enter "permanent" if applicable. For DSL, permanent removal or fill is defined as being in place for 24 months or longer.
*** Example: soil, gravel, wood, concrete, pilings, rock etc.

(7) ADDITIONAL INFORMATION

Are there any state or federally listed species on the project site?	☑ Yes	☐ No	☐ Unknown
Is the project site within designated or proposed critical habitat?	☑ Yes	☐ No	☐ Unknown
Is the project site within a national Wild and Scenic River?	☐ Yes	☑ No	☐ Unknown
Is the project site within the 100-year floodplain?	☐ Yes	☐ No	☑ Unknown

*** If yes to any of the above, explain in Block 4 and describe measures to minimize adverse effects to these resources in Block 5. See Appendix H regarding critical habitat noted in Block 4, and Appendix P regarding fish passage.**

Is the project site within the Territorial Sea Plan (TSP) Area?	☐ Yes	☑ No	☐ Unknown

*** If yes, attach TSP review as a separate document for DSL.**

Is the project site within a designated Marine Reserve?	☐ Yes	☑ No	☐ Unknown

*** If yes, certain additional DSL restrictions will apply.**

Will the overall project involve construction dewatering or ground disturbance of one acre or more?	☑ Yes	☐ No	☐ Unknown

*** If yes, you may need a 1200-C permit from the Oregon Department of Environmental Quality (DEQ).**

Is the fill or dredged material a carrier of contaminants from on-site or off- site spills?	☐ Yes	☑ No	☐ Unknown
Has the fill or dredged material been physically and/or chemically tested?	☐ Yes	☑ No	☐ Unknown

***If yes, explain in Block 4 and provide references to any physical/chemical testing report(s).**

Has a cultural resource (archaeological) survey been performed on the project area?	☑ Yes	☐ No	☐ Unknown

*** If yes, provide a copy of the survey with this application. Do not describe any resources in this document.**
See Appendix Q, Cultural and Historic Resources.

Identify any other federal agency that is funding, authorizing or implementing the project.

Agency Name	Contact Name	Phone Number	Most Recent Date of Contact
US Army Corps of Engineers	**Melanie O'Meara**	**(541) 465-6765**	

List other certificates or approvals/denials required or received from other federal, state or local agencies for work described in this application. For example, certain activities that require a Corps permit also require 401 Water Quality Certification from Oregon DEQ.

Approving Agency	Certificate/ approval / denial description	Date Applied
USACE	**CWA Section 404**	**Application will be made 60 days prior to issuance of the site certificate.**

Other DSL and/or Corps Actions Associated with this Site (Check all that apply.)

☐ Work proposed on or over lands owned by or leased from the Corps		
☐ State owned waterway	DSL Waterway Lease #	
☐ Other Corps or DSL Permits	Corps #	DSL #
☐ Violation for Unauthorized Activity	Corps #	DSL #
☑ Wetland and Waters Delineation	Corps #	DSL # **WD2012-0050, 0091, -0092, -0197, -0141**

- [x] A wetland / waters delineation has been completed (if so, provide a copy with the application)
- [ ] The Corps has approved the wetland / waters delineation within the last 5 years
- [ ] DSL has approved the wetland / waters delineation within the last 5 years

(8) IMPACTS, RESTORATION/REHABILITATION, COMPENSATORY MITIGATION

A. Describe unavoidable environmental impacts that are likely to result from the proposed project. Include permanent, temporary, direct, and indirect impacts.

See Appendix R, Unavoidable Project Impacts

B. For temporary removal or fill or disturbance of vegetation in waterways, wetlands or riparian (i.e., streamside) areas, discuss how the site will be restored after construction.

See Appendix S, Restoration and Rehabilitation of Temporary Impacts.

Compensatory Mitigation

C. Proposed mitigation approach. Check all that apply:

☐ Permittee-responsible Onsite Mitigation	☑ Permittee-responsible Offsite mitigation	☐ Mitigation Bank or in-lieu fee program	☐ Payment to Provide (not approved for use with Corps permits)

D. Provide a brief description of mitigation approach and the rationale for choosing that approach. If you believe mitigation should not be required, explain why.

See Appendix T, Compensatory Wetland and Non-Wetland Mitigation Plan.

Mitigation Bank / In-Lieu Fee Information:

Name of mitigation bank or in-lieu fee project: N/A

Type of credits to be purchased: N/A

If you are proposing permittee-responsible mitigation, have you prepared a compensatory mitigation plan?

☑ Yes. Submit the plan with this application and complete the remainder of this section.

☐ No. A mitigation plan will need to be submitted (for DSL, this plan is required for a complete application).

Mitigation Location Information (Fill out only if permittee-responsible mitigation is proposed)

Mitigation Site Name/Legal Description **See Appendix U, Mitigation Location Information**	Mitigation Site Address	Tax Lot #
County	City	Latitude & Longitude (in DD.DDDD format)

Township	Range	Section	Quarter/Quarter

(9) ADJACENT PROPERTY OWNERS FOR PROJECT AND MITIGATION SITE		
☐ **Pre-printed mailing labels of adjacent property owners attached**	**Project Site Adjacent Property Owners**	**Mitigation Site Adjacent Property Owners**

See Appendix V, Names and Addresses of Property Owners

(10) CITY/COUNTY PLANNING DEPARTMENT LAND USE AFFIDAVIT (TO BE COMPLETED BY LOCAL PLANNING OFFICIAL)

I have reviewed the project described in this application and have determined that:

- ☐ This project is not regulated by the comprehensive plan and land use regulations.
- ☐ This project is consistent with the comprehensive plan and land use regulations.
- ☐ This project will be consistent with the comprehensive plan and land use regulations when the following local approval(s) are obtained:
  - ☐ Conditional Use Approval
  - ☐ Development Permit
  - ☐ Other Permit (see comment section)
- ☐ This project is not consistent with the comprehensive plan. Consistency requires:
  - ☐ Plan Amendment
  - ☐ Zone Change
  - ☐ Other Approval or Review (see comment section)

An application ☐ has ☐ has not been filed for local approvals checked above.

Local planning official name (print)	Title	City / County (circle one)

Signature	Date

Comments:
This Block of the JPA is not applicable to this project.

(11) COASTAL ZONE CERTIFICATION

If the proposed activity described in your permit application is within the Oregon coastal zone, the following certification is required before your application can be processed. A public notice will be issued with the certification statement, which will be forwarded to the Oregon Department of Land Conservation and Development (DLCD) for its concurrence or objection. For additional information on the Oregon Coastal Zone Management Program, contact DLCD at 635 Capitol Street NE, Suite 150, Salem, Oregon 97301 or call 503-373-0050.

CERTIFICATION STATEMENT

I certify that, to the best of my knowledge and belief, the proposed activity described in this application complies with the approved Oregon Coastal Zone Management Program and will be completed in a manner consistent with the program.

Print /Type Name **This Block of the JPA is not applicable to this project.**	Title
Signature	Date

(12) SIGNATURES

Application is hereby made for the activities described herein. I certify that I am familiar with the information contained in the application, and, to the best of my knowledge and belief, this information is true, complete and accurate. I further certify that I possess the authority to undertake the proposed activities. By signing this application I consent to allow Corps or DSL staff to enter into the above-described property to inspect the project location and to determine compliance with an authorization, if granted. I hereby authorize the person identified in the authorized agent block below to act in my behalf as my agent in the processing of this application and to furnish supplemental information in support of this permit application. I understand that the granting of other permits by local, county, state or federal agencies does not release me from the requirement of obtaining the permits requested before commencing the project. I understand that payment of the required state processing fee does not guarantee permit issuance.

To be considered complete, the fee must accompany the application to DSL. The fee is not required for submittal of an application to the Corps.

Fee Amount Enclosed	$

Applicant Signature	
Print Name	Title
Signature	Date

Authorized Agent Signature	
Print Name	Title
Signature	Date

Landowner Signature(s)	
Landowner of the Project Site (if different from applicant)	
Print Name **See Appendix W, Signatures.**	Title
Signature	Date

Landowner of the Mitigation Site (if different from applicant)	
Print Name **See Appendix W, Signatures.**	Title
Signature	Date

Department of State Lands, Property Manager (to be completed by DSL)	
If the project is located on state-owned submerged and submersible lands, DSL staff will obtain a signature from the Land Management Division of DSL. A signature by DSL for activities proposed on state-owned submerged/submersible lands only grants the applicant consent to apply for a removal-fill permit. A signature for activities on state-owned submerged and submersible lands grants no other authority, express or implied and a separate proprietary authorization may be required.	
Print Name	Title
Signature	Date

(13) ATTACHMENTS

- ☑ **Drawings (items in bold are required)**
  - ☑ **Location map with roads identified**
  - ☑ **U.S.G.S topographic map**
  - ☑ **Tax lot map**
  - ☑ **Site plan(s)**
  - ☑ **Cross section drawing(s)**
  - ☑ **Recent aerial photo**
  - ☐ Project photos
  - ☑ Erosion and Pollution Control Plan(s), if applicable
  - ☐ DSL/Corps Wetland Concurrence letter and map, if approved and applicable
- ☑ Pre-printed labels for adjacent property owners (Required if more than 5)
- ☑ Restoration plan or rehabilitation plan for temporary impacts
- ☑ Mitigation plan
- ☑ Wetland functional assessment and/or stream functional assessment
- ☑ Alternatives analysis
- ☐ Biological assessment (if requested by Corps project manager during pre-application coordination.)
- ☐ Stormwater management plan (may be required by the Corps or DEQ)
- ☐ Other:
  - ☐
  - ☐

Send Completed form to:

U.S. Army Corps of Engineers
ATTN: CENWP-OD-GP
PO Box 2946
Portland, OR 97208-2946
Phone: 503-808-4373

Counties:
Baker, Clackamas, Clatsop, Columbia, Gilliam, Grant, Hood River, Jefferson, Lincoln, Malheur, Marion, Morrow, Multnomah, Polk, Sherman, Tillamook, Umatilla, Union, Wallowa, Wasco, Washington, Wheeler, Yamhill

OR

U.S. Army Corps of Engineers
ATTN: CENWP-OD-GE
211 E. 7th AVE, Suite 105
Eugene, OR 97401-2722
Phone: 541-465-6868

Counties:
Benton, Coos, Crook, Curry, Deschutes, Douglas Jackson, Josephine, Harney, Klamath, Lake, Lane, Linn

Send Completed form to:

DSL - West of the Cascades:

Department of State Lands
775 Summer Street NE, Suite 100
Salem, OR 97301-1279
Phone: 503-986-5200

OR

DSL - East of the Cascades:

Department of State Lands
1645 NE Forbes Road, Suite 112
Bend, Oregon 97701
Phone: 541-388-6112

Send all Fees to:
Department of State Lands
775 Summer Street NE, Suite 100
Salem, OR 97301-1279
Pay by Credit Card by Calling 503-986-5253

INSTRUCTIONS FOR PREPARING THE JOINT APPLICATION

This is a joint application, and must be sent to both agencies, who administer separate permit processes. For more complete instructions, contact the Corps and/or DSL or refer to online resources:

- DSL's Removal-Fill Guide; or,
- The Corps' "Permitting 101" video: http://www.nwp.usace.army.mil/Missions/Regulatory.aspx

General Instructions and Tips

- Provide the information in the appropriate blocks of the application form. If you need more space, provide a summary in the space provided and attach additional detail as an appendix to the application.
- Not all items on the application form will apply to all projects.
- For most applications, binding and section dividers are not necessary and require additional handling.

The information requested on the form is necessary for the agencies to begin their review. For complex projects or for those that may have more than minimal impacts, additional information may be necessary to complete the evaluation and make a permit decision. Alternative forms of permit applications may be acceptable; contact the Corps and DSL for more information.

Section 1. Applicant and Landowner Contact information

Applicant: The applicant is the responsible party. If the applicant is an agency, business entity or other organization, indicate the name of the organization and a person that has the authority to sign the application.
Authorized Agent: An authorized agent is someone who has permission from the applicant to represent their interests and supply information to the agencies. An agent can be a consultant, an attorney, builder, contractor, or any other person or organization. An authorized agent is optional.
Landowner: Provide landowner information if different from the applicant. The landowner must also sign the application.

Section 2. Project Information

Provide location information. Latitude and longitude can be found by zooming in to your respective project location and reading off the coordinates displayed on the bottom of the map.
Provide information on wetlands and waterways within the project area. Indicate the category of activities that make up your project.

Section 3. Project Purpose and Need

Explain the purpose and need for the project. Also include a brief description of any related activities needed to accomplish the project objectives.

The following items are required by DSL, as applicable:

- If the removal-fill would satisfy a public need and the applicant is a public body, include any pertinent findings regarding public need and benefit.
- If the project involves fill in the estuary for a non-water dependent use, explain how the project is for public use and/or satisfies a public need.
- If the project is located within a marine reserve or marine protected area, explain how the project is needed to study, monitor, evaluate, enforce or protect the designated area.

Section 4. Description of Resources in Project Area

Territorial Sea: For activities in the Territorial Sea (mean lower low water seaward 3 nautical miles), provide a separate evaluation of the resources and effects determination.

For each wetland, include:

- Whether the wetland is freshwater or tidal, and the Cowardin class and Hydrogeomorphic (HGM) class.
- Source of hydrology and direction of flow (if any).
- Dominant plant species by layer (herb, shrub, tree).
- A functional assessment of the wetland to be impacted (for impacts greater than 0.2 acre, DSL requires use of ORWAP or HGM), should be attached as a separate document.
- Identify any vernal pools, bogs, fens, mature forested wetland, seasonal mudflats, or native wet prairies in or near the project area.
- Refer to wetland delineation report if available, and provide copies to agencies (if not previously provided).
- Describe existing uses, including fish and wildlife use (type, abundance, period of use, significance of site).

For rivers, streams, other waterways, lakes and ponds, include a description of, as applicable:

- Streamflow regime (e.g., perennial year-round flow, intermittent seasonal flow, ephemeral event-driven flow). If flow is ephemeral, provide streamflow assessment data sheet or other information that supports your determination.
- Field indicators used to identify the Ordinary High Water Mark (OHWM).
- Channel and bank conditions.
- Type and condition of riparian (streamside) vegetation.
- Channel morphology (structure and shape).
- Stream substrate.
- Assessment of the functional attributes including hydrologic, geomorphic, biological and chemical and nutrient related functions.
- Fish and wildlife (type, abundance, period of use, significance of site).

Section 5. Alternatives to Avoid and Minimize Impacts to Waters

Provide a brief explanation describing how impacts to waters and wetlands are being avoided and minimized on the project site. For DSL, the alternatives analysis must include:

- Project-specific criteria that are needed to accomplish the stated project purpose.
- A range of alternative sites and designs that were considered with less impact.
- An evaluation of each alternative site and design against the project criteria and a reason for why the alternative was not chosen.
- If the project involves fill in an estuary for a non-water dependent use, a description of Alternative non- estuarine sites must be included.

Section 6. Project Description

Overall Description. Provide a brief description of the overall project, including:

- All associated work with the project both outside and within waters or wetlands.
- Total ground disturbance for all associated work (i.e, area and volume of ground disturbance).
- Total area of impervious surfaces created or modified by the project, if applicable.

Work within Waters and Wetlands. Provide a description of the proposed work within waters and wetlands, including:

- Each removal or fill activity proposed in waters or wetlands, as well as any construction or maintenance of in-water or over-water structures.
- The number and dimensions of in-water or over-water structures (i.e., pilings, floating docks) proposed within waters or wetlands.

Fill Material and Disposal. Provide a description of fill material and procedure for disposal of removed material, including:

- The source(s) of fill materials (if known).
- Locations for disposal area(s) for dredged material, if applicable. If dredged material is to be discharged on an upland site, identify the site and the steps to be taken (if necessary) to prevent runoff from the dredged material back into a waterbody. If using an upland disposal area that is not a DEQ-regulated landfill, a Solid Waste Letter of Authorization or a Beneficial Use Determination from DEQ may be required.

Construction Methods. Describe how the removal and/or fill activities will be accomplished including the following:

- Construction methods, equipment to be used, access and staging areas, etc.
- Measures you will use during construction to minimize impacts to the waterway or wetland. Examples may include isolating work areas, controlling construction access and using specialized equipment or materials. Attach work area isolation and/or erosion and pollution control plans, if applicable.

Construction Timing. Provide the proposed start and completion date for the project. Describe project work that is already complete, if applicable.

Summary of removal and fill activities. Summarize the dimensions, volume and type/composition of material being placed or removed in each waterbody or wetland. Describe each impact on a separate row. For

instance, if two culverts are being removed from Clear Creek, use two rows. Add extra rows if needed, or include an appendix.

The DSL and the Corps use different elevations for determining whether an activity in tidal waters is regulated by the State's Removal-Fill law, the Clean Water Act, and/or the Rivers and Harbors Act. DSL regulates activities below the highest measured tide. The Clean Water Act applies below the high tide line. The Rivers and Harbors Act applies below the mean high water.

Section 7. Additional Information
Any additional information you provide helps the reviewer(s) understand your project and the other approvals or reviews that may be required.

Section 8. Site Restoration/Rehabilitation and Compensatory Mitigation
Site Restoration/Rehabilitation. For temporary disturbance of soils and/or vegetation in waterways, wetlands or riparian (streamside) areas, discuss how you will restore the site after construction. This may include the following:

- Grading plans to restore pre-existing elevations.
- Planting plans and species list (native species only) to replace vegetation in riparian or wetland areas.
- Maintenance and monitoring plans to document restoration to wetland condition and/or vegetation establishment.
- Associated erosion control for site stabilization.

Compensatory Mitigation. Describe your proposed compensatory mitigation approach, or explain why you believe compensatory mitigation is not required. If proposing permittee-responsible mitigation for permanent impact to wetlands, see OAR 141-085-0705 and 33 CFR 332.4(c) for plan requirements. For permanent impact to waters other than wetlands, see OAR 141-085-0765 and 33 CFR 332.4(c) for plan requirements.

Section 9. Adjacent Property Owners for Impact and Mitigation Site(s)
Names and addresses for properties that are adjacent to the project site and permittee responsible mitigation site (if applicable), are required. “Adjacent” means those properties that share or touch upon a common property line or are across the street or stream. If more than 5, attach pre-printed labels. A list of property owners may be obtained by contacting the county tax assessor’s office.

Section 10. City/County Planning Department Land Use Affidavit
This section is required to demonstrate land use compatibility for removal fill permits and water quality certifications. Provide this form to your local planning official for them to complete and sign.

Section 11. Coastal Zone Certification
Your signature for this statement is required for projects within the coastal zone (generally, west of the summit of the Coast Range).

Section 12. Signatures
The application must be signed by the responsible party, landowner and agent, as identified in section 1.

Section 13: Appendixs
Project Drawings. A complete application must include a location map, site plan, cross-section drawings and recent aerial photo. All drawings should be clear, legible and formatted for 8.5 by 11 printing. Use the fewest number of sheets necessary for your drawings or illustrations. While illustrations need not be professionally prepared, they should be clear, accurate, and contain all necessary information, as follows:

Location maps (with subject property identified):

- Location map with roads identified
- U.S.G.S. Topographic map
- Tax lot map (with subject tax lot(s) identified)

Site plan(s), including:

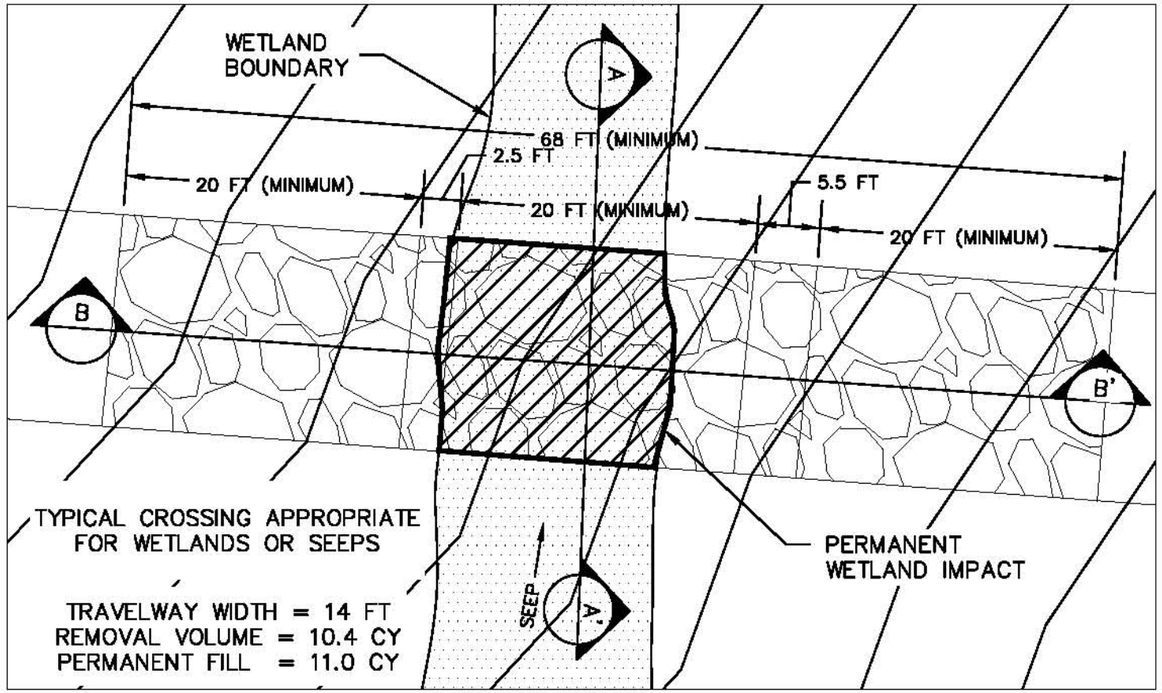
- Entire project site and activity areas
- Existing and proposed contours

- Location of ordinary high water, wetland boundaries or other jurisdictional boundaries (include wetland delineation report if not previously provided)
- Identification of temporary and permanent impact areas within waterways or wetlands
- Map scale or dimensions and north arrow
- Location of staging areas and construction access
- Location of cross section(s), as applicable
- Location of mitigation area, if applicable

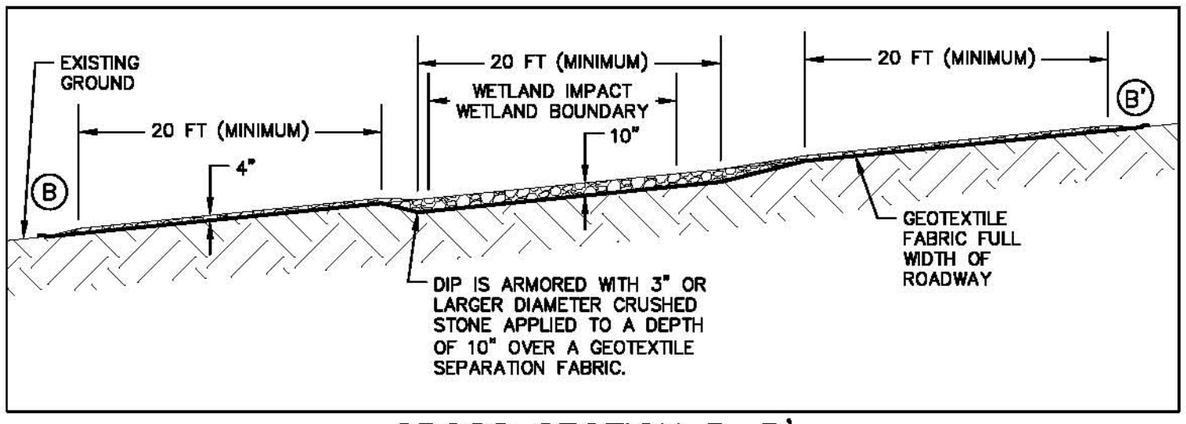
Cross section drawing(s), including:
- Existing and proposed elevations
- Identification of temporary and permanent impact areas within waterways or wetlands
- Ordinary high water and/or wetland boundary or other jurisdictional boundaries
- Map scale or dimensions

Recent Aerial photo
- 1:200, or if not available for your site, highest resolution possible

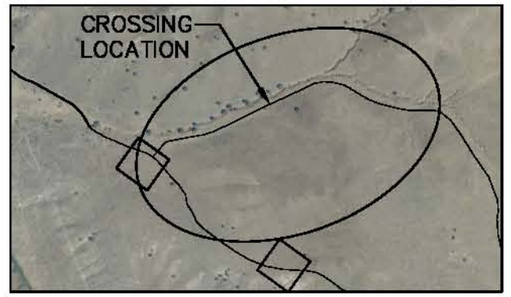
DSL Wetland Concurrence (map and letter)

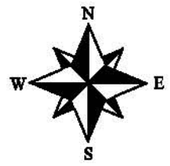


PLAN
1 INCH = 10 FEET



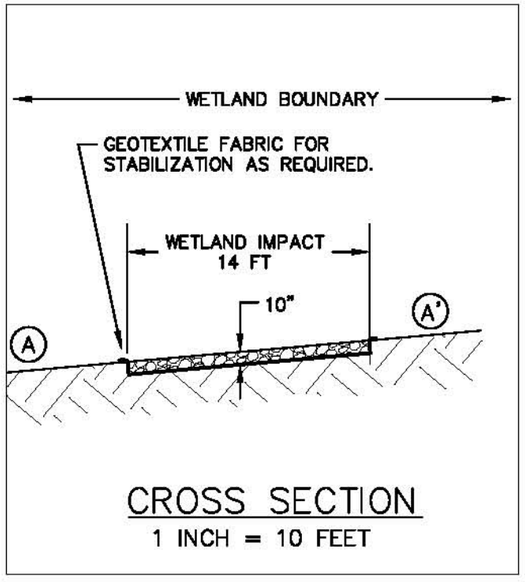
CROSS SECTION B–B'
1 INCH = 10 FEET





VICINITY MAP
1 INCH = 1000 FEET

SEEP
LAT/LONG NXX.XXX, –XXX,XXX

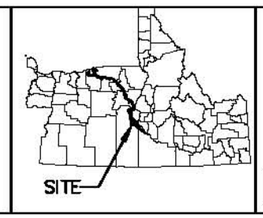


CROSS SECTION
1 INCH = 10 FEET

SCALE AS SHOWN

PLAN SCALE
0 10
FEET

IDAHO POWER
An IDACORP Company

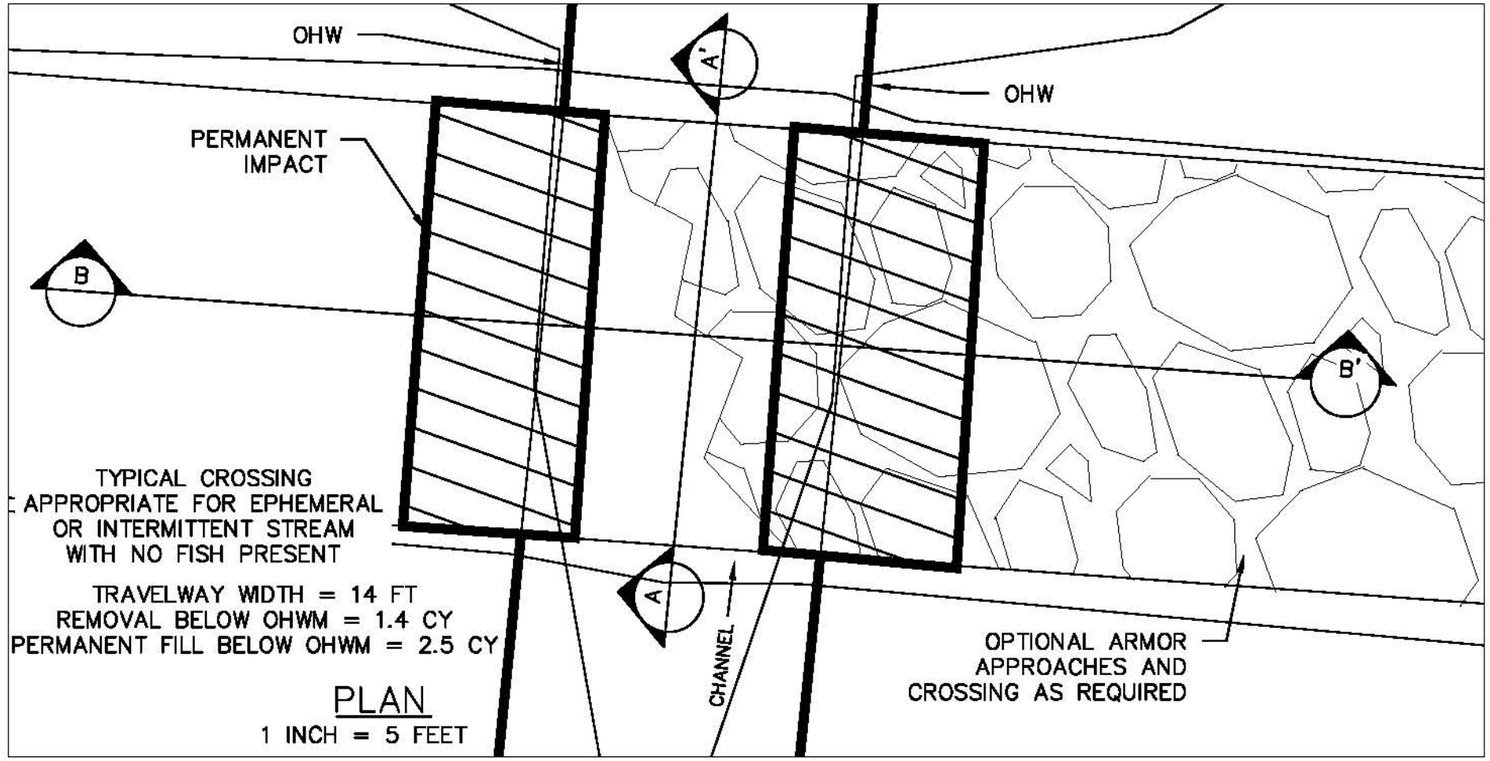


NON-STREAM WETLAND CROSSING - BROAD BASED DIP

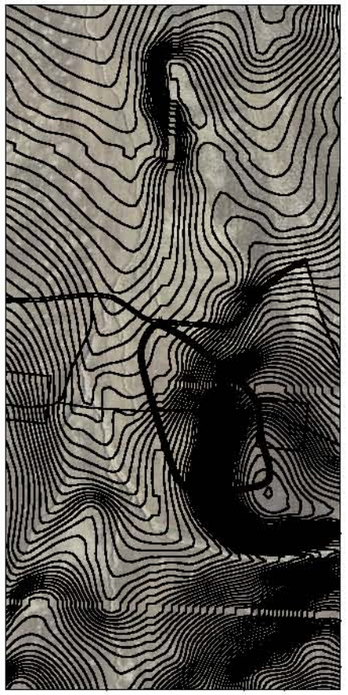
PRELIMINARY–DO–NOT–USE–FOR–CONSTRUCTION

COORDINATE SYSTEM:
NAD 1983 UTM ZONE 11N.

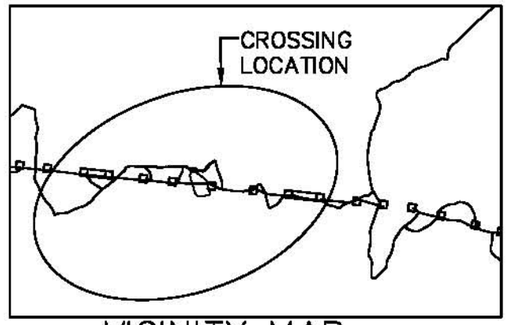
STREAM CROSSING SAMPLES
NON-STREAM WETLAND CROSSING
BROAD BASED DIP
Appendix K-239
IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY
500kV TRANSMISSON LINE PROJECT
January 2018



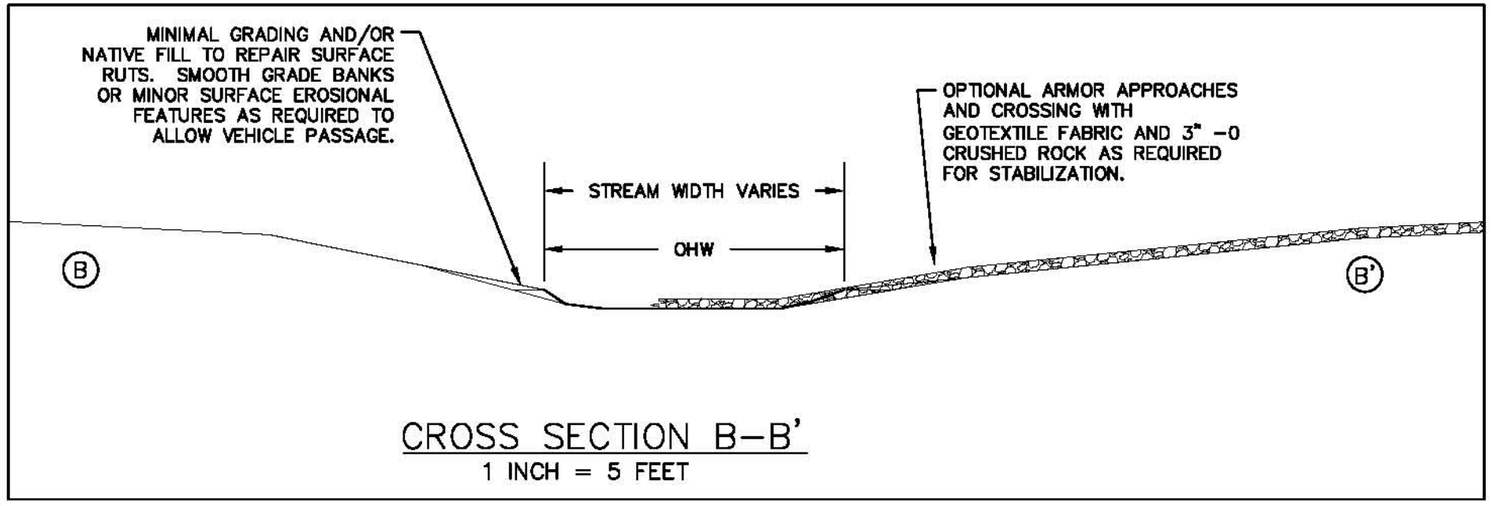
PLAN
1 INCH = 5 FEET



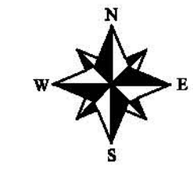
BASIN AREA
1 INCH = 800 FEET



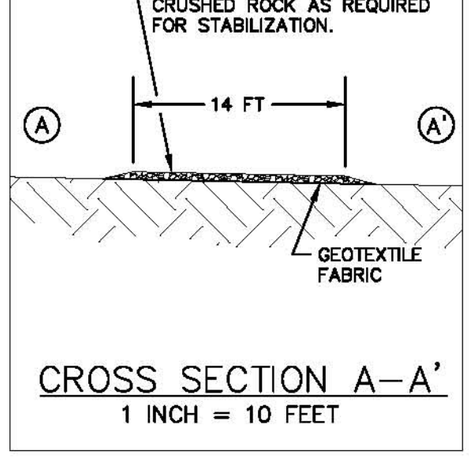
VICINITY MAP
1 INCH = 1 MILE



CROSS SECTION B–B'
1 INCH = 5 FEET



EPHEMERAL STREAM
LAT/LONG NXX.XXX, -XXX,XXX
BASIN AREA = XX ACRES
CHANNEL SLOPE = X.X%
ACTIVE CHANNEL WIDTH = XX.X FT

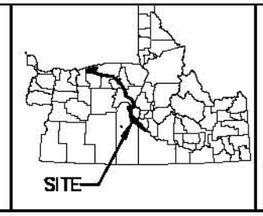


CROSS SECTION A–A'
1 INCH = 10 FEET

SCALE AS SHOWN

PLAN SCALE
0 5
FEET

IDAHO POWER
An IDACORP Company

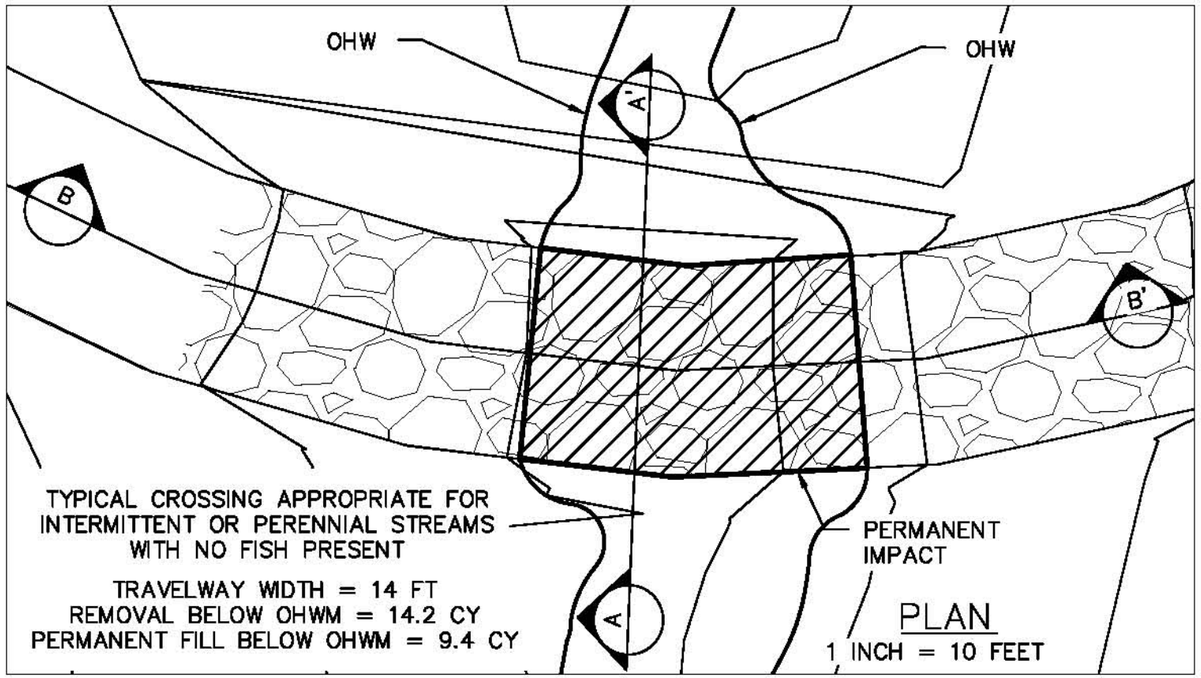


TYPE 1 CROSSING - DRIVE THROUGH

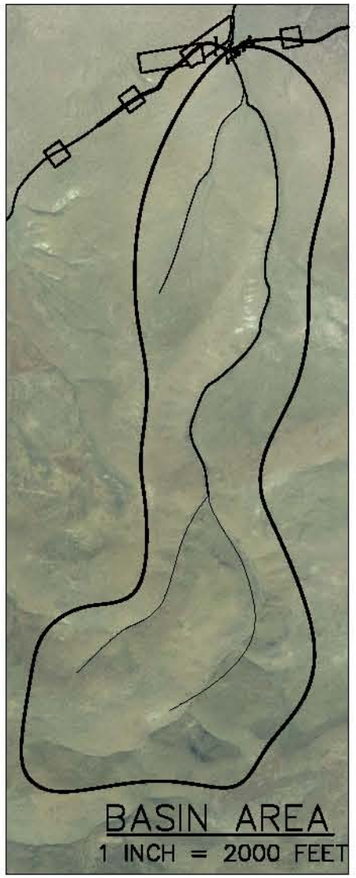
PRELIMINARY-DO-NOT-USE-FOR-CONSTRUCTION

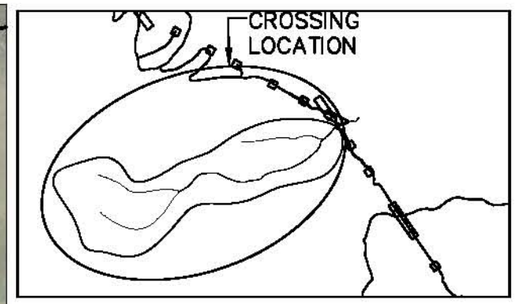
COORDINATE SYSTEM:
NAD 1983 UTM ZONE 11N.

STREAM CROSSING SAMPLES
TYPE 1 CROSSING
DRIVE THROUGH
Appendix K-240
IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY
500kV TRANSMISSON LINE PROJECT
January 2018

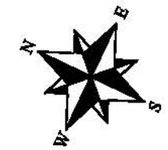


PLAN
1 INCH = 10 FEET

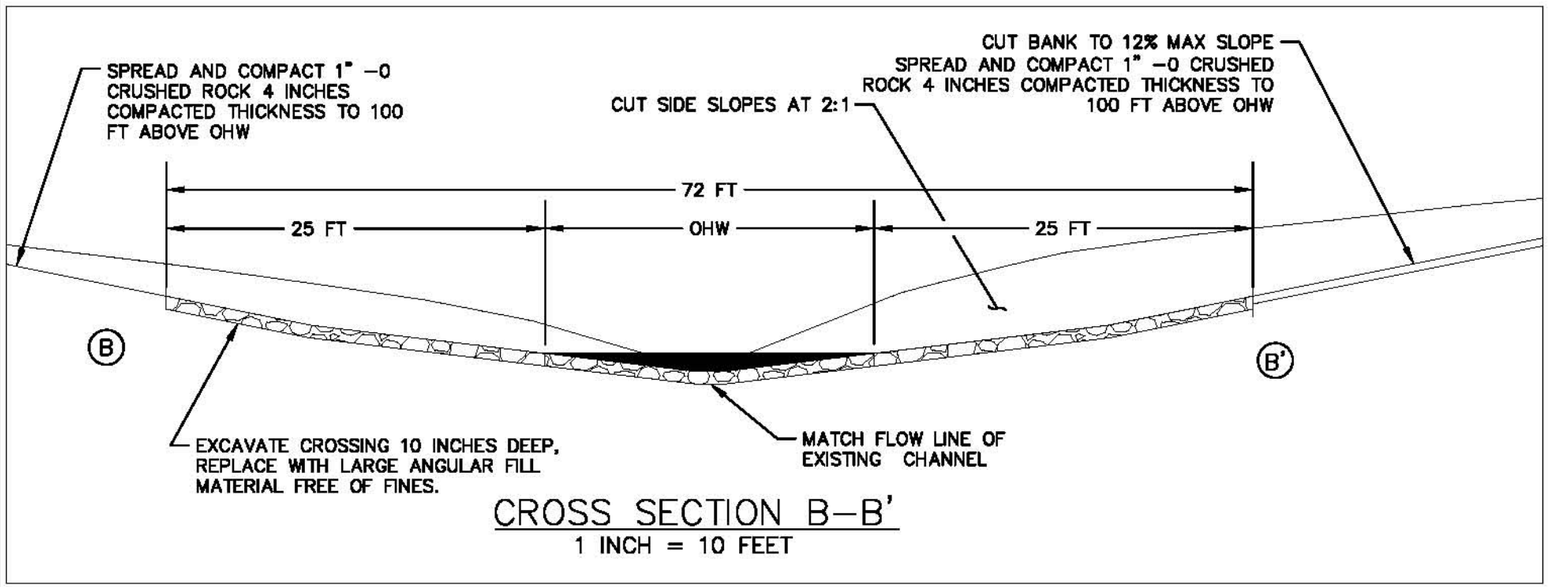




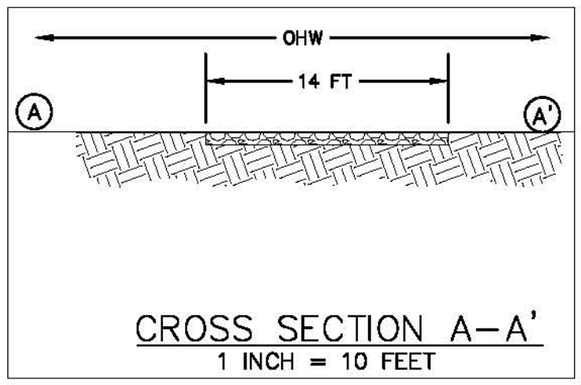
VICINITY MAP
1 INCH = 1 MILE



INTERMITTENT STREAM
LAT/LONG NXX.XXX, −XXX,XXX
BASIN AREA = XX ACRES
CHANNEL SLOPE = X.X%
ACTIVE CHANNEL WIDTH = XX.X FT



CROSS SECTION B−B'
1 INCH = 10 FEET

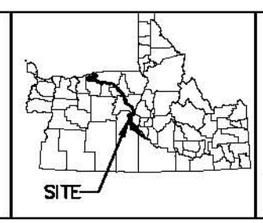


CROSS SECTION A−A'
1 INCH = 10 FEET

SCALE AS SHOWN

PLAN SCALE
0 10
FEET

IDAHO POWER
An IDACORP Company



TYPE 2 CROSSING - IMPROVED FORD

PRELIMINARY-DO-NOT-USE-FOR-CONSTRUCTION

COORDINATE SYSTEM:
NAD 1983 UTM ZONE 11N.

STREAM CROSSING SAMPLES
TYPE 2 CROSSING
IMPROVED FORD
Appendix K-241
IDAHO POWER COMPANY
BOARDMAN TO HEMINGWAY
500kV TRANSMISSON LINE PROJECT

January 2018