

**ATTACHMENT I-3  
1200-C PERMIT APPLICATION AND DRAFT EROSION AND SEDIMENT  
CONTROL PLAN**

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May 3, 2012

Ms. Jackie Ray  
Oregon Department of Environmental Quality  
700 SE Emigrant, Suite 330  
Pendleton, OR 97801

Dear Ms. Ray:

Idaho Power Company (IPC) proposes to construct an overhead, high-voltage transmission line, known as the Boardman to Hemingway Transmission Line Project (Project), from near Boardman, Oregon through Morrow, Umatilla, Union, Baker and Malheur counties and into southwest Idaho. We are currently in the permitting phase of the Project that is occurring on two parallel paths. Idaho Power is pursuing a site certificate from the Oregon Energy Facility Siting Council (EFSC) as administered by the Oregon Department of Energy (Department). A federal Environmental Impact Statement (EIS) is also under development. The US Department of Interior, Bureau of Land Management (BLM) is the lead federal agency for the EIS process.

The requirements of the EFSC certificate are found in Oregon Administrative Rules OAR 345, division 021. As part of the required soils analysis (OAR 345-021-0010(i), Exhibit I) the EFSC relies, in part, on meeting soil protection standards by a determination that the Project can be expected to receive a National Pollutant Discharge Elimination System (NPDES) 1200-C permit for stormwater discharge. OAR 345-021-0000(7) allows the applicant to submit the application for the site certificate prior to applying for the federally delegated permit, but requires a copy of the federally delegated permit be submitted to the department to support their completeness finding. An initial corridor alignment has been studied and forms the basis for the preliminary Application for Site Certificate, 1200-C permit, and other ancillary permits, however, the final alignment may be modified as the EIS and EFSC processes proceed. The final 1200-C permit cannot be completed until the two decision bodies concur on the final alignment.

The purpose of this letter is to transmit the preliminary application for a 1200-C stormwater permit for the construction of the Project. IPC is submitting this preliminary application including a preliminary Erosion and Sediment Control Plan (ESCP) to facilitate ODOE and ODEQ review of the preliminary Application for Site certification which is scheduled for submittal to ODOE later this year. In absence of a complete ESCP, based on the final alignment, IPC has included an example of the plan format, content, and details that would comprise the plan when submitted.

The basis for this approach was established at a January 12, 2012 project meeting attended by Ms. Krista Ratliff, of DEQ's Bend, Oregon office. In that meeting Pike Energy, LLC, IPC's engineer, had completed preliminary erosion and sediment control

plan (ESCP) drawings that comply with many of the requirements of the 1200-C permit. The result of that meeting was that IPC would present a preliminary 1200-C permit application, including the preliminary ESCP as a means of furthering the EFSC process. During the meeting, it was stated that the EFSC process can proceed without a final 1200-C permit if DEQ prepares a letter to EFSC that both acknowledges the initiation of the permit application process and states the estimated date when DEQ will complete its review and issue a permit decision. IPC understands that the project cannot proceed until the final 1200-C permit is obtained.

Enclosed are two copies of the preliminary 1200-C permit, including the preliminary ESCP, and the permit fee. We would appreciate your review and comments, with the understanding that later tasks may include DEQ production of the letter to EFSC, after this preliminary permit has been reviewed approved by your office.

We appreciate your consideration in this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "Todd Adams". The signature is fluid and cursive, with a long horizontal stroke extending from the end.

Todd Adams  
Project Manager

Cc: Z Funkhouser, IPC  
M Bracke, IPC  
D Dockter, IPC

**DEQ USE ONLY**

File #: \_\_\_\_\_  
 Application #: \_\_\_\_\_  
 LLID/RM: \_\_\_\_\_  
 River Mile: \_\_\_\_\_  
 Legal Name Confirmed: ☐  
 Notes: \_\_\_\_\_

## APPLICATION FOR NEW NPDES GENERAL PERMIT #1200-C

For stormwater discharges to surface waters from  
construction activities disturbing one acre or more  
that do not meet automatic coverage requirements.



State of Oregon  
Department of  
Environmental  
Quality

Oregon Department of Environmental Quality

**DEQ USE ONLY**

Date Received: \_\_\_\_\_  
 Amount: \$ \_\_\_\_\_  
 Check Name: \_\_\_\_\_  
 Check #: \_\_\_\_\_  
 Deposit #: \_\_\_\_\_  
 Receipt #: \_\_\_\_\_  
 Notes: \_\_\_\_\_

\* A project *may* be eligible for "automatic coverage" under NPDES general permit 1200-CN if stormwater *does not* discharge to a water body with a TMDL or 303(d) listing for sediment or turbidity *and* it meets one of the following criteria (see 1200-CN at <http://www.deq.state.or.us/wq/wqpermit/docs/general/npdes1200cn/1200CNPermit.pdf>):

- 1) Disturbs less than one acre and is located in Gresham, Troutdale, or Wood Village.
- 2) Disturbs less than five acres and is located in Albany, Corvallis, Eugene, Milwaukie, Multnomah Co. (unincorporated areas), Springfield, West Linn, or Wilsonville.
- 3) Disturbs less than five acres and is within the jurisdictions of Clackamas Co. Water Environment Services [Gladstone, areas within Clackamas Co. Service Dist. #1 (excluding Happy Valley), and areas within the Surface Water Management Agency of Clackamas Co. (including Rivergrove)], Clean Water Services (Banks, Beaverton, Cornelius, Durham, Forest Grove, Hillsboro, King City, North Plains, Sherwood, Tigard, Tualatin, and Washington Co. within Urban Growth Boundary), or Rogue Valley Sewer Services (Central Point, Phoenix, Talent, and portions of Jackson Co. in NPDES MS4 permit area).

**Please answer all questions.**

### A. PROJECT INFORMATION

<p>1. <b>Idaho Power Company</b>          Applicant (entity legally responsible for permit)  <b>Zach Funkhouser</b>          Contact Name (if different from applicant)  <b>1221 West Idaho Street</b>          Address  <b>Boise</b> ID <b>83702</b>          City State Zip  <b>(208) 388-5375</b> <b>zfunkhouser@idaho power.com</b>          Telephone E-Mail Address</p>	<p>2. <b>Zach Funkhouser</b>          Invoice Contact Name (if different from applicant)          (same as contact address)          Address          City State Zip          Telephone E-Mail Address</p>
<p>3. <b>Pike Energy Solutions, LLC</b>          Architect/Engineering Firm (Erosion &amp; Sediment Control Plan)  <b>Aaron Storo</b>          Project Manager  <b>(503) 937-2000</b> <b>astoro@pike.com</b>          Telephone E-Mail Address</p>	<p>4. <b>To Be Determined</b>          Applicant's Designated Erosion and Sediment Control Inspector          Company Name          Telephone E-Mail Address</p>
<p>5. _____          Name of Project  <b>Boardman to Hemingway Transmission Line</b>          Address or Cross Street          City State Zip          County</p>	<p>6. Nature of Construction Activity  <input type="checkbox"/> Single Family (SIC Code 1521)  <input type="checkbox"/> Multi-Family Residential (SIC Code 1522)  <input type="checkbox"/> Commercial (SIC Code 1542)  <input type="checkbox"/> Industrial (SIC Code 1541)  <input type="checkbox"/> Highway (SIC Code 1611)  <input checked="" type="checkbox"/> Utilities (SIC Code 1623): <b>Transmission Line</b>  <input type="checkbox"/> Other (include SIC Code): _____</p>

**A. PROJECT INFORMATION (continued)**

7. Approximate location of center of site:

Latitude: 45.012Longitude: -117.838

*\*\*For assistance: DEQ Location Tool at  
<http://deqgisweb.deq.state.or.us/llid/llid.html>\*\**

8. Project Size:

Total Site Acreage (acres): To Be DeterminedTotal Disturbed Area (acres): 5,228.9

9. Stormwater runoff during construction will flow to:

☐ Infiltration device(s)☐ Creek/Stream (provide name):☐ Ditch (provide name of receiving stream for ditch):☐ Municipal storm sewer or drainage system (provide name of receiving stream for system):☒ Other: See Attached Table A-910. Stormwater runoff during construction discharges directly to or through a storm sewer or drainage system that discharges to a water body with a Total Maximum Daily Load (TMDL) or 303(d) listing for turbidity or sedimentation? ☐ YES ☒ NO

*\*\*For assistance: DEQ Lookup Tool at <http://deq12.deq.state.or.us/tmdl/default.aspx> or  
DEQ Map/Table at <http://deq12.deq.state.or.us/tmdl/default.aspx>\*\**

**B. LAND USE COMPATIBILITY STATEMENT**

Submit a DEQ Land Use Compatibility Statement (LUCS) form that has been completed by the local land use authority with this application. Attach the *original* LUCS and, if applicable, written findings by the local authority. DEQ will not process the application unless the local land use authority indicates on the LUCS form that the project is compatible with the local acknowledged comprehensive plan and land use regulations. See Attached Insert B-1

*\*\*A copy of this form may be found at <http://www.deq.state.or.us/pubs/permithandbook/generallucs.pdf>\*\**

**C. SIGNATURE OF LEGALLY AUTHORIZED REPRESENTATIVE**The legally authorized representative *must* sign the application.

I hereby certify that the information contained in this application is true and correct to the best of my knowledge and belief. In addition, I agree to pay all permit fees required by Oregon Administrative Rules 340-045. This includes a compliance determination fee invoiced annually by DEQ to maintain the permit.

Vern PorterVP, Delivery, Engineering and Operations

Name of Legally Authorized Representative (Type or Print)

Title

Signature of Legally Authorized Representative

Date

**APPLICATION AND FEE SUBMITTAL**

To authorize permit registration, the following must be completed and submitted to the appropriate DEQ regional office or DEQ Agent (see list of offices in application instructions, pp. 3-4):

- ☒ DEQ application form signed by the Legally Authorized Representative and meeting the signature requirements below.
- ☐ DEQ LUCS by local land use authority indicating the activity is compatible with local acknowledged comprehensive plan and land use regulations. Include the Findings if so stated on the LUCS.
- ☐ Stormwater Erosion and Sediment Control Plan Narrative, if applicable.
- ☒ Stormwater Erosion and Sediment Control Plan Drawings; full-sized hard copy and electronic PDF files.
- ☐ The fee for a new application is \$1,586 payable to Oregon DEQ and you must submit it with this application. Please note that DEQ will also invoice you for an annual fee of \$804 if your project needs permit coverage for more than a year. These fees are subject to change; please visit <http://www.deq.state.or.us/wq/rules/div045/tables.pdf> for current fees. If you are sending your application to a DEQ Agent, check with the DEQ Agent for appropriate fees and make check payable to the DEQ Agent.

**NPDES General Permit 1200-C for Construction Activities  
Application Instructions**

**A. PROJECT INFORMATION**

1. Enter the legal name of the applicant. Permit coverage will be issued to this entity. This is the person, business, public organization, or other entity responsible for ensuring that erosion and sediment controls are in place and in working order through the life of the project.
  - The name must be a legal, active name registered with the Oregon Department of Commerce, Corporation Division in Salem at 503-378-4752 or [http://egov.sos.state.or.us/br/pkg\\_web\\_name\\_srch\\_inq\\_login](http://egov.sos.state.or.us/br/pkg_web_name_srch_inq_login), unless otherwise exempted by their rules. If the name of the applicant is not registered with the Corporation Division and the applicant is a business entity, attach legal documents that verify the entity's existence with the application. The applicant may not use an assumed business name.
  - Permit coverage may be transferred from one party to another. For example, a developer may apply for a permit and then transfer the permit to a contractor. Transfer forms are available from DEQ or at <http://www.deq.state.or.us/wq/stormwater/constappl.htm>.
2. Provide invoice contact information for billing of DEQ annual permit fee if different from the applicant in #1 above.
3. Provide contact information for the Architect or Consulting Engineer who designed the Erosion and Sediment Control Plan (ESCP).
4. Provide information on the Erosion and Sediment Control Inspector. This is not a DEQ or DEQ Agent inspector; this is an inspector employed by the applicant. If the inspector has not been selected yet, please provide the name of consultant who prepared the ESCP and their ESC certification. When the inspector is selected, submit to DEQ or to the DEQ Agent, the name, contact information, training and experience (see condition A.12.b.iii of the 1200-C).
5. Provide the common name of the project (for example, the name of the subdivision), the location of the site with respect to crossroads in the area, and, if available, a street address.
6. Check the box that best describes the nature of the construction activity. If "other" is selected, describe the use and include a Standard Industrial Classification Code (visit <http://www.osha.gov/pls/imis/sicsearch.html> for codes).
7. Enter latitude and longitude for the approximate center of the site (DEQ Location Tool at <http://deggisweb.deq.state.or.us/lid/lid.html> or at <http://deqapp1/website/lit/data.asp>).
8. Provide information on the project size as indicated (based on the total project and not just a single phase).
9. Indicate where stormwater runoff during construction will flow. Use your best judgment to determine the name of the receiving water body.
10. Indicate whether stormwater runoff during construction will discharge directly to or through a storm sewer or drainage system that discharges to a Total Maximum Daily Load (TMDL) or 303(d) listed water body for turbidity or sedimentation. To make this determination, the following tools are available on DEQ's website:
  - Map and table: <http://www.deq.state.or.us/WQ/TMDLs/basinmap.htm>
  - Lookup tool: <http://deq12.deq.state.or.us/tmdl/default.aspx>

**B. LAND USE COMPATIBILITY STATEMENT**

Complete as indicated.

**C. SIGNATURE OF LEGALLY AUTHORIZED REPRESENTATIVE**

**DEFINITION OF LEGALLY AUTHORIZED REPRESENTATIVE:**

Please also provide the information requested in brackets [ ]

- **Corporation** - president, secretary, treasurer, vice-president, or any person who performs principal business functions; or a manager of one or more facilities that is authorized in accordance to corporate procedure to sign such documents.
- **Partnership** - General partner *[list of general partners, their addresses, and telephone numbers]*.
- **Sole Proprietorship** - Owner(s) *[each owner must sign the application]*.
- **City, County, State, Federal, or other Public Facility** - Principal executive officer or ranking elected official.
- **Limited Liability Company** - Member *[articles of organization]*.
- **Trusts** - Acting trustee *[list of trustees, their addresses, and telephone numbers]*.

(please see 40 CFR §122.22 for more detail, if needed)

**NPDES General Permit 1200-C for Construction Activities  
Application Instructions**

**APPLICATION AND FEE SUBMITTAL**

Submit this application, Narrative Parts I, II & III (if applicable), LUCS, Erosion and Sediment Control Plan(2 full-sized hard copies and 1 PDF copy), and the applicable fee to the appropriate DEQ regional office or DEQ Agent listed below. Contact the appropriate DEQ regional office or DEQ Agent for the best way to submit the electronic version of the ESCP.

- If you are in an area serviced by a DEQ Agent, check with the DEQ Agent for appropriate fees and make check payable to the DEQ Agent.
- If you are sending your application to DEQ, the fee for a new application is \$1,586 payable to the Oregon DEQ. Please note that DEQ will also invoice you for an annual fee of \$804 if your project needs permit coverage for more than a year. These fees are subject to change; visit <http://www.deq.state.or.us/wq/rules/div045/tables.pdf> for current fees.

<b>DEQ Northwest Region</b> 2020 SW 4th Avenue, Suite 400 Portland, OR 97201-4987 503-229-5438 or 1-800-452-4011	<b>DEQ Western Region</b> 165 East 7th Avenue, Suite 100 Eugene, OR 97401 541-687-7326 or 1-800-452-4011	<b>DEQ Eastern Region</b> 700 SE Emigrant Avenue, Suite 330 Pendleton, OR 97801 541-278-4605 or 1-800-452-4011
<b>City of Eugene</b> 99 W. 10th Avenue Eugene, OR 97401 541-722-5519	<b>City of Hermiston</b> 215 Gladys Avenue Hermiston, OR 97838 541-667-5025	<b>City of Troutdale</b> 342 SW 4th Street Troutdale, OR 97060 503-674-7270
<b>Clean Water Services</b> 2550 SW Hillsboro Highway Hillsboro, OR 97123 503-681-5101 <i>Includes Banks, Beaverton, Cornelius, Durham, Forest Grove, Gaston, Hillsboro, King City, North Plains, Sherwood, Tigard, Tualatin, and portions of Washington Co.</i>	<b>Rogue Valley Sewer Services</b> 138 West Vilas Road, PO Box 3130 Central Point, OR 97502 541-353-4594 <i>Includes Central Point, Phoenix, Talent, White City and portions of Jackson Co.</i>	<b>Clack Co. Water Environmental Services</b> 150 Beavercreek Road, Suite 430 Oregon City, OR 97045 503-742-4567 <i>Unincorporated Clackamas County and areas within the Cities of Rivergrove and Gladstone</i>

## **Insert B-1**

Idaho Power Company (IPC) is applying for a Site Certification from the Energy Facility Siting Council (EFSC). IPC has elected to follow “Path B” under ORS 504 (1)(b), which means that the site certificate binds state and local jurisdictions to the EFSC’s action and requires them to issue permits, licenses, and certificates for construction and operations of the facility. The substantive criteria identified by each county from their county comprehensive plans and land use ordinances are taken into account as part of the site certification process.



**Table A-9. Stormwater Runoff to Streams**

Route/County	Corridor Length (miles)	Subbasin Name	Subbasin HUC	Total Disturbed Area (acres)	Intermittent		Perennial		303d	
					Disturbed Area (acres)	% Total Disturbed Area	Disturbed Area (acres)	% Total Disturbed Area	Disturbed Area (acres)	% Total Disturbed Area
Proposed Corridor										
Morrow	36.3	Middle Columbia-Lake Wallula	17070101	218.0	18.8	8.6	--	--	--	--
		Umatilla	17070103	312.2	103.7	33.2	8.2	2.6	0.1	<0.1
Umatilla	49.5	Umatilla	17070103	869.0	76.3	8.8	22.0	2.5	1.1	0.1
		Upper Grande Ronde	17060104	11.7	--	--	--	--	--	--
Union	39.8	Powder	17050203	193.9	18.6	9.6	4.0	2.1	0.3	0.1
		Umatilla	17070103	4.5	--	--	--	--	--	--
		Upper Grande Ronde	17060104	592.4	25.4	4.3	10.2	1.7	--	--
Baker	75.0	Brownlee Reservoir	17050201	39.6	10.3	25.9	9.2	23.3	--	--
		Burnt	17050202	648.1	68.7	10.6	66.1	10.2	45.7	7.1
		Powder	17050203	532.8	74.4	14.0	7.9	1.5	--	--
Malheur	73.8	Brownlee Reservoir	17050201	135.4	9.1	6.7	1.2	0.9	--	--
		Bully	17050118	148.8	16.4	11.0	2.9	2.0	1.3	0.9
		Lower Malheur	17050117	329.4	59.4	18.0	<0.1	<0.1	2.3	0.7
		Lower Owyhee	17050110	251.7	42.4	16.8	2.1	0.8	6.5	2.6
		Middle Snake-Succor	17050103	229.3	51.9	22.6	2.2	1.0	--	--
		Willow	17050119	227.5	20.1	8.8	10.5	4.6	10.5	4.6
Owyhee	23.8	Middle Snake-Succor	17050103	540.0	104.0	19.3	8.1	1.5	6.0	1.1
Total	298.2			5,284.3	699.6	13.2	154.8	2.9	73.7	1.4
Double Mountain Alternate										
Malheur	7.4	Bully	17050118	0.7	--	--	<0.1	4.9	--	--
		Lower Malheur	17050117	124.9	44.8	35.9	--	--	--	--
		Lower Owyhee	17050110	14.7	6.0	41.1	--	--	--	--
Total	7.4			140.3	50.9	36.3	<0.1	4.9	--	--

<h2><b>OWNER</b></h2> <p>IDAHO POWER COMPANY          1221 WEST IDAHO STREET          BOISE, ID 83702</p> <hr/> <h2><b>OWNER'S ENGINEER</b></h2> <p>PIKE ENERGY SOLUTIONS, LLC          700 NE MULTNOMAH ST. SUITE 500          PORTLAND, OR 97232          503-937-2000</p> <hr/> <h2><b>CONTRACTOR</b></h2> <p>TO BE DETERMINED</p> <hr/> <h2><b>NARRATIVE</b></h2> <p>IDAHO POWER IS PROPOSING TO CONSTRUCT AND OPERATE A NEW, APPROXIMATELY 30-MILE-LONG, ELECTRIC TRANSMISSION LINE BETWEEN SOUTHEASTERN OREGON AND SOUTHWESTERN IDAHO KNOWN AS THE BOARDMAN TO HEMINGWAY (B2H) PROJECT. THIS OVERHEAD 50-KV-LINE WILL CONNECT THE GRASSLAND SUBSTATION LOCATED NEAR BOARDMAN, OREGON TO THE HEMINGWAY SUBSTATION NEAR MELBA, IDAHO. THE LINE WILL CROSS FEDERAL, STATE, AND PRIVATE LANDS IN SIX COUNTIES IN OREGON AND IDAHO.</p> <p>THIS ESCP FIVE SHEETS INCLUDING THIS TITLE SHEET WAS DEVELOPED AS A REPRESENTATIVE SAMPLE OF A 1-MILE SECTION OF THE B2H PROJECT ROUTE. THIS SECTION OF THE PROJECT PORTRAYS A REPRESENTATIVE SAMPLE OF EXISTING CONDITIONS (E.G., TOPOGRAPHIC, SURFACE DRAINAGE, AND SOIL GEOLOGY) AND FEATURES OF THE PROPOSED TRANSMISSION LINE PROJECT.</p> <p>THE PROPOSED TRANSMISSION LINE CORRIDOR RIGHT OF WAY WIDTH IS 350 FEET. THE TRAVELED WIDTH OF ACCESS ROADS WILL RANGE FROM 16 TO 20 FEET (WITH A TOTAL DISTURBANCE WIDTH OF 25 FEET IN MOST AREAS). SHEET 2 SHOWS PROPOSED EXISTING AND NEW ACCESS ROADS WITHIN A 1-MILE CORRIDOR OF DISTURBANCE. THE PROPOSED TRANSMISSION LINE WITHIN A 250-FOOT WIDE RIGHT OF WAY, PROPOSED STRUCTURES (I.E., TOWERS) WITHIN 250-FOOT SQUARE CONSTRUCTION WORK AREA, A PROPOSED LINE PULLING AND TENSIONING SITE, AND THE LOCATIONS OF PROPOSED SILT FENCES, ROCK FORD STREAM CROSSINGS, WATERBARS, AND OTHER EROSION AND SEDIMENT CONTROL MEASURES. PRESENTED ON</p>	<h2><b>GENERAL NOTES:</b></h2> <ol style="list-style-type: none"> <li>ONLY CLEAR AND GRUB FOR INSTALLATION OF EROSION CONTROL MEASURES PRIOR TO MASS CLEARING.</li> <li>NO CLEARING SHALL BE ALLOWED WITHOUT THE INSTALLATION OF THE APPROVED EROSION CONTROL MEASURES.</li> <li>THE MINIMUM MEASURES INCLUDE TEMPORARY CONSTRUCTION ENTRANCES, WATERBARS ON NEW (AND IMPROVED EXISTING) ROADS, AND PERIMETER EROSION CONTROL MEASURES (SEEDING OF NEW DISTURBED CUT AND FILL SLOPES), ADDITIONAL MEASURES (I.E. STRUCTURAL BMPs) WILL BE APPLIED AS NEEDED AND DETAILED IN THIS ESCP.</li> <li>THE EROSION AND SEDIMENT CONTROL INSPECTOR MUST PERFORM DAILY INSPECTIONS OF THE BMPs AND DISCHARGE OUTFALLS WHEN RAINFALL AND RUNOFF OCCUR.</li> <li>ALL ESCP CONTROLS AND PRACTICES MUST BE INSPECTED VISUALLY ONCE TO ENSURE THAT BMPs ARE IN WORKING ORDER PRIOR TO THE SITE BECOMING INACTIVE OR IN ANTICIPATION OF SITE INACCESSIBILITY AND MUST BE INSPECTED VISUALLY ONCE EVERY TWO (2) WEEKS DURING INACTIVE PERIODS GREATER THAN SEVEN (7) CONSECUTIVE DAYS.</li> <li>DO NOT REMOVE TEMPORARY SEDIMENT CONTROL PRACTICES UNTIL PERMANENT VEGETATION OR OTHER COVER OF EXPOSED AREAS IS ESTABLISHED. SEED MIX MUST BE APPROPRIATE TO SEASON AND SITE CONDITIONS, PREFERABLY NATIVE, AND FREE OF NOXIOUS WEEDS. CONSULT LOCAL AGRONOMIST OR EROSION CONTROL SPECIALISTS FOR SEED MIXES.</li> <li>PROVIDE PERMANENT EROSION CONTROL MEASURES ON ALL SLOPES WITH LOGS. COMPLY WITH LOG REQUIREMENTS. PROPERLY DISPOSE OF CONSTRUCTION MATERIALS AND WASTE, INCLUDING SEDIMENT RETAINED BY TEMPORARY BMP.</li> <li>STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED.</li> <li>TOPSOIL AND ALL EXCESS SOIL GENERATED BY GRADING ACTIVITIES SHALL BE STOCKPILED SEPARATELY AND CONTAINED WITH AN APPROPRIATE BMP TO PREVENT OFFSITE SEDIMENTATION.</li> <li>CARE SHOULD BE TAKEN TO NOT MIX THE UNDERLYING SOIL AND THE TOPSOIL.</li> <li>ALL DISTURBED AREAS RECEIVE LAYER OF TOPSOIL SUFFICIENT IN DEPTH TO PROVIDE ADEQUATE GERMINATION OF PERMANENT SEED.</li> <li>VEGETATIVE BUFFER STRIP SHALL BE PLANTED OR REMOVED AS REQUIRED TO ELIMINATE ANY OTHER POLLUTANTS FROM RUNOFF, WHERE EFFECTIVE.</li> <li>MINIMUM WIDTH OF THE VEGETATIVE BUFFER STRIP SHALL BE:             <table border="1" style="width: 100%; text-align: center;"> <tbody> <tr> 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[illegible]

1. HOLD A PRE-CONSTRUCTION MEETING OF PROJECT CONSTRUCTION PERSONNEL (INCLUDING THE INSPECTOR) TO DISCUSS EROSION AND SEDIMENT CONTROL MEASURES AND CONSTRUCTION LIMITS. (SCHEDULE A.8.C.I.(3))
2. ALL PERMIT REGISTRANTS MUST IMPLEMENT THE ESCP. FAILURE TO IMPLEMENT ANY OF THE CONTROL MEASURES OR PRACTICES DESCRIBED IN THE ESCP IS A VIOLATION OF THE PERMIT. (SCHEDULE A.8.A)
3. RETAIN A COPY OF THE ESCP AND ALL EREVSIONS ON SITE AND MAKE IT AVAILABLE ON REQUEST TO DEQ, AGENT, OR THE LOCAL MUNICIPALITY. DURING INACTIVE PERIODS OF GREATER THAN SEVEN (7) CONSECUTIVE CALENDAR DAYS, RETAIN THE ESCP AT THE CONSTRUCTION SITE OR AT ANOTHER LOCATION. (SCHEDULE B.2.A)
4. THE ESCP MEASURES SHOWN ON THIS PLAN ARE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, UPGRADE THE ESCP MEASURES AS NEEDED TO COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL EROSION AND SEDIMENT CONTROL REGULATIONS. (SCHEDULE A.8.C.I.(1)(C))
5. SUBMISSION OF ALL ESCP REVISIONS IS NOT REQUIRED. SUBMITTAL OF THE ESCP REVISIONS IS ONLY UNDER SPECIFIC CONDITIONS. (SCHEDULE A.12.C.II)
6. PLEASE CLEARING AND GRADING TO THE MAXIMUM EXTENT PRACTICAL TO PREVENT EXPOSED INACTIVE AREAS FROM BECOMING A SOURCE OF EROSION. (SCHEDULE A.8.C.II.(1))
7. IDENTIFY, MARK, AND PROTECT (BY FENCING OFF OR OTHER MEANS) CERTAIN RIPARIAN AREAS AND VEGETATION INCLUDING IMPORTANT TREES AND ASSOCIATED ROOTING ZONES, AND VEGETATION AREAS TO BE PRESERVED. IDENTIFY VEGETATIVE BUFFER ZONES BETWEEN THE SITE AND SENSITIVE AREAS (E.G., WETLANDS), AND OTHER AREAS TO BE PRESERVED, ESPECIALLY IN PERIMETER AREAS. (SCHEDULE A.8.C.II.(1) & (2))
8. PREVENT DISTURBING OF VEGETATION AND SOILS WHEN PRACTICABLE BEFORE AND AFTER GRADING OR CONSTRUCTION. (SCHEDULE A.7.B.III.(1))
9. EROSION AND SEDIMENT CONTROL MEASURES INCLUDING PERIMETER SEDIMENT CONTROL MUST BE IN PLACE BEFORE VEGETATION IS DISTURBED AND MUST REMAIN IN PLACE AND BE MAINTAINED, REPAIRED, AND PROMPTLY IMPLEMENTED FOLLOWING PROCEDURES ESTABLISHED FOR THE DURATION OF CONSTRUCTION, INCLUDING PROTECTION FOR ACTIVE STORM DRAIN INLETS AND CATCH BASINS AND APPROPRIATE NON-STORMWATER POLLUTION CONTROLS. (SCHEDULE A.7.D.I & A.8.C.IV)
10. ESTABLISH CONCRETE TRUCK AND OTHER CONCRETE EQUIPMENT WASHOUT AREAS BEFORE BEGINNING CONCRETE WORK. (SCHEDULE A.8.C.II.(6))
11. APPLY TEMPORARY AND/OR PERMANENT SOIL STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS AS GRADING PROGRESSES AND FOR ALL ROADWAYS INCLUDING GRAVEL ROADWAYS. (SCHEDULE A.8.C.II.(2))
12. ESTABLISH TEMPORARY WASTE STORAGE AREAS, AND OTHER NON-STORMWATER CONTROLS. (SCHEDULE A.8.C.II.(7))
13. PREVENT TRACKING OF SEDIMENT ONTO PUBLIC OR PRIVATE ROADS USING BMPs SUCH AS: GRAVELED (OR PAVED) DRIVE ANDS AND PARKING AREAS, GRAVEL ALL UNPAVED ROADS LOCATED ONSITE, OR USE AN EXIT TIRE WASH. THESE BMPs MUST BE IN PLACE PRIOR TO LAND-DISTURBING ACTIVITIES. (SCHEDULE A.7.D.II.(1) AND A.8.C.IV)
14. WHENEVER SATURATED SOILS ON THE SITE, EITHER USE WATER-TIGHT TRUCKS OR DRAIN LOADS ON SITE. (SCHEDULE A.7.D.II.(3))
15. USE BMPs TO PREVENT OR MINIMIZE STORMWATER EXPOSURE TO POLLUTANTS FROM SPILLS, VEHICLE AND EQUIPMENT FUELING, MAINTENANCE, AND STORAGE; OTHER CLEANING AND MAINTENANCE ACTIVITIES; AND WASTE HANDLING ACTIVITIES. THESE POLLUTANTS INCLUDE FUEL, HYDRAULIC FLUID, AND OTHER OILS FROM VEHICLES AND MACHINERY, AS WELL AS DEBRIS, LEFTOVER PAINTS, SOLVENTS, AND GLUES FROM CONSTRUCTION OPERATIONS. (SCHEDULE A.7.E.I.(2))
16. USE A SOIL SPREADING AGENT OR OTHER DUST CONTROL TECHNIQUES AS NEEDED TO AVOID WIND-BLOWN DUST. (SCHEDULE A.7.E.II.(8))
17. THE APPLICATION RATE OF FERTILIZERS USED TO REESTABLISH VEGETATION MUST FOLLOW MANUFACTURER'S RECOMMENDATIONS TO MINIMIZE NUTRIENT RELEASES TO SURFACE WATERS. EXERCISE CAUTION WHEN USING TIME-RELEASE FERTILIZERS WITHIN ANY WATERWAY RIPARIAN ZONE. (SCHEDULE A.9.B.III)
18. IF A STORMWATER TREATMENT SYSTEM (FOR EXAMPLE, ELECTRO-COAGULATION, FLOCCULATION, FILTRATION, ETC) FOR SEDIMENT OR OTHER POLLUTANT IS EMPLOYED, IT MUST BE OPERATED IN ACCORDANCE WITH THE DESIGN AND CONSTRUCTION STANDARDS AND DESIGN AND CONSTRUCTION OF INLET, LOCATION OF DISCHARGE, DISCHARGE DISPERSION DEVICE DESIGN, AND A SAMPLING PLAN AND FREQUENCY) BEFORE OPERATING THE TREATMENT SYSTEM. OBTAIN PLAN APPROVAL BEFORE OPERATING THE TREATMENT SYSTEM. OPERATE AND MAINTAIN THE TREATMENT SYSTEM ACCORDING TO MANUFACTURER'S SPECIFICATIONS. (SCHEDULE A.8.A.D)
19. TEMPORARILY STABILIZE SOILS AT THE END OF THE SHIFT BEFORE HOLIDAYS AND WEEKENDS, IF NEEDED. THE REGISTRANT IS RESPONSIBLE FOR ENSURING THAT SOILS ARE STABLE DURING RAIN EVENTS AT ALL TIMES OF THE YEAR. (SCHEDULE A.7.B.I)

COMPANY/AGENCY: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
FAX: \_\_\_\_\_  
E-MAIL: \_\_\_\_\_  
DESCRIPTION OF EXPERIENCE: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

INSPECTION FREQUENCY:		
	SITE CONDITION	MINIMUM FREQUENCY
1	ACTIVE PERIOD	DAILY WHEN STORMWATER RUNOFF, INCLUDING RUNOFF FROM SNOWMELT, IS OCCURRING EVERY 2 WEEKS IN DRY CONDITIONS.
2	PRIOR TO THE SITE BECOMING INACTIVE OR IN ANTICIPATION OF SITE INACCESSIBILITY.	ONCE TO ENSURE THAT EROSION AND SEDIMENT CONTROL MEASURES ARE IN WORKING ORDER. ANY NECESSARY MAINTENANCE AND REPAIR MUST BE MADE PRIOR TO LEAVING THE SITE.
3	INACTIVE PERIODS GREATER THAN SEVEN (7) CONSECUTIVE CALENDAR DAYS.	ONCE EVERY TWO (2) WEEKS AND AFTER STORMS TOTALING 0.25 INCH OR MORE.
4	PERIODS DURING WHICH THE SITE IS ACCESSIBLE DUE TO INCLEMENT WEATHER.	IF PRACTICAL, INSPECTIONS MUST OCCUR DAILY AT A RELEVANT AND ACCESSIBLE DISCHARGE POINT OR DOWNSTREAM LOCATION.

- \* HOLD A PRE-CON MEETING OF PROJECT CONSTRUCTION PERSONNEL THAT INCLUDES THE ESC INSPECTOR.
- \* ALL INSPECTIONS MUST BE MADE IN ACCORDANCE WITH DEQ 1200 C PERMIT REQUIREMENTS.
- \* INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH DEQ 1200 C PERMIT REQUIREMENTS.
- \* CHANGES TO THE APPROVED ESC PLAN MUST BE SUBMITTED TO DEQ IN THE FORM OF AN ACTION PLAN.

- \* HOLD A PRE-CON MEETING OF PROJECT CONSTRUCTION PERSONNEL THAT INCLUDES THE EC INSPECTOR
- \* ALL INSPECTIONS MUST BE MADE IN ACCORDANCE WITH DEQ 1200 C PERMIT REQUIREMENTS.
- \* INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH DEQ 1200 C PERMIT REQUIREMENTS.
- \* CHANGES TO THE APPROVED ESC PLAN MUST BE SUBMITTED TO DEQ IN THE FORM OF AN ACTION PLAN.



THE PROJECT CORRIDOR BEGINS NEAR BOARDMAN IN MORROW COUNTY, OREGON AND ENDS AT HEMINGWAY SUBSTATION, LOCATED IN OWYHEE COUNTY, IDAHO.

OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THESE RULES FROM THE CENTER BY CALLING 503-232-1987. IF YOU HAVE ANY QUESTIONS ABOUT THE RULES, YOU MAY CONTACT THE CENTER. YOU MUST NOTIFY THE CENTER AT LEAST TWO BUSINESS DAYS, BEFORE COMMENCING AN EXCAVATION. CALL 503-246-6699.

IDAHO POWER COMPANY  
1221 WEST IDAHO STREET  
BOISE, ID 83702

PIKE ENERGY SOLUTIONS, LLC  
700 NE MULTNOMAH ST. SUITE 500  
PORTLAND, OR 97232  
503-937-2000

TO BE DETERMINED

IDAHO POWER IS PROPOSING TO CONSTRUCT AND OPERATE A NEW, APPROXIMATELY 304-MILE-LONG, ELECTRIC TRANSMISSION LINE BETWEEN NORTHEASTERN OREGON AND SOUTHWESTERN IDAHO KNOWN AS THE BOARDMAN TO HEMINGWAY (B2H) PROJECT. THIS OVERHEAD 500-KV LINE WOULD CROSS THE BOUNDARY BETWEEN THE TWO STATES NEAR BOARDMAN, OREGON TO THE HEMINGWAY SUBSTATION NEAR MELBA, IDAHO. THE LINE WILL CROSS FEDERAL, STATE, AND PRIVATE LANDS IN SIX COUNTIES IN OREGON AND IDAHO.

THIS ESCP (FIVE SHEETS INCLUDING THIS TITLE SHEET) WAS DEVELOPED A REPRESENTATIVE SAMPLE OF A 1-MILE SECTION OF THE B2H PROJECT ROUTE. THIS SECTION OF THE PROJECT PORTRAYS A REPRESENTATIVE SAMPLE OF THE EXISTING CONDITIONS (E.G., TOPOGRAPHIC, SURFACE DRAINAGE, AND SOIL, VEGETATION, AND CLIMATIC) AND FEATURES OF THE PROPOSED TRANSMISSION LINE PROJECT.

THE PROPOSED TRANSMISSION LINE CORRIDOR RIGHT OF WAY WITH WIDTH IS 250 FEET. THE TRAVELED WIDTH OF ACCESS ROADS WILL RANGE FROM 16 TO 20 FEET WITH A TOTAL DISTURBANCE WIDTH OF 25 FEET IN MOST AREAS. THE CORRIDOR WIDTH OF THE TRANSMISSION LINE CORRIDOR WILL BE 250 FEET. THE 25-FOOT WIDE CORRIDOR OF DISTURBANCE, THE PROPOSED TRANSMISSION LINE WITHIN A 200-FOOT WIDE RIGHT OF WAY, PROPOSED STRUCTURES (I.E., TOWERS) WITHIN 250-FOOT SQUARE CONSTRUCTION WORK AREA, A 25-FOOT WIDE CORRIDOR OF DISTURBANCE, THE PROPOSED TRANSMISSION LINE CORRIDOR, PROPOSED SILT FENCES, ROCK FORD STREAM CROSSINGS, WEATHERBARS AND OTHER EROSION AND SEDIMENT CONTROL MEASURES, PRESENTED ON THE CORRIDOR OF DISTURBANCE, THE PROPOSED TRANSMISSION LINE CORRIDOR, MEASURES AS WELL AS EXAMPLES OF STRUCTURE WORK AREAS AND ACCESS ROADS. WORK AREAS ARE TO BE RESTORED TO THEIR ORIGINAL CONDITION AND USE, OR AS AGREED TO BY LANDOWNERS. ROW AREAS TO BE RESTORED TO THEIR ORIGINAL VEGETATION MANAGEMENT PLAN AND ROW MAINTENANCE STANDARDS.

CONSTRUCTION TO BUILD A 500 KV TRANSMISSION LINE  
DISTURBED AREA  
STRUCTURE LOCATIONS =5.5 ACRES\*  
ACCESS ROADS =8.3 ACRES\*  
TOTAL DISTURBED AREA =13.8 ACRES\*  
PULLING AND TENSIONING SITES =4.9 ACRES\*  
WORK AREAS = 0.0 ACRES\*  
TOTAL RIGHT-OF-WAY AREA =38.4 ACRES\*

STRUCTURE	DESCRIPTION	AVERAGE SLOPE
D-088	GURDANE SLTY CLAY LOAM	7%-25%
D-089	GURDANE SLTY CLAY LOAM	7%-35%
D-090	GURDANE ROCKLY COMPLEX	2%-20%
D-091	GURDANE ROCKLY COMPLEX	2%-20%
D-092	GURDANE SLTY CLAY LOAM	25%-45%
D-093	GURDANE SLTY CLAY LOAM	25%-45%

ON-SITE SOILS HAVE A MODERATE TO HIGH EROSION  
POTENTIAL.\*  
ALL FILL MATERIAL SHALL BE GENERATED ON-SITE OR IMPORTED  
FROM PERMITTED LOCAL QUARRIES.

## UNNAMED TRIBUTARY TO MCKAY CREEK\*

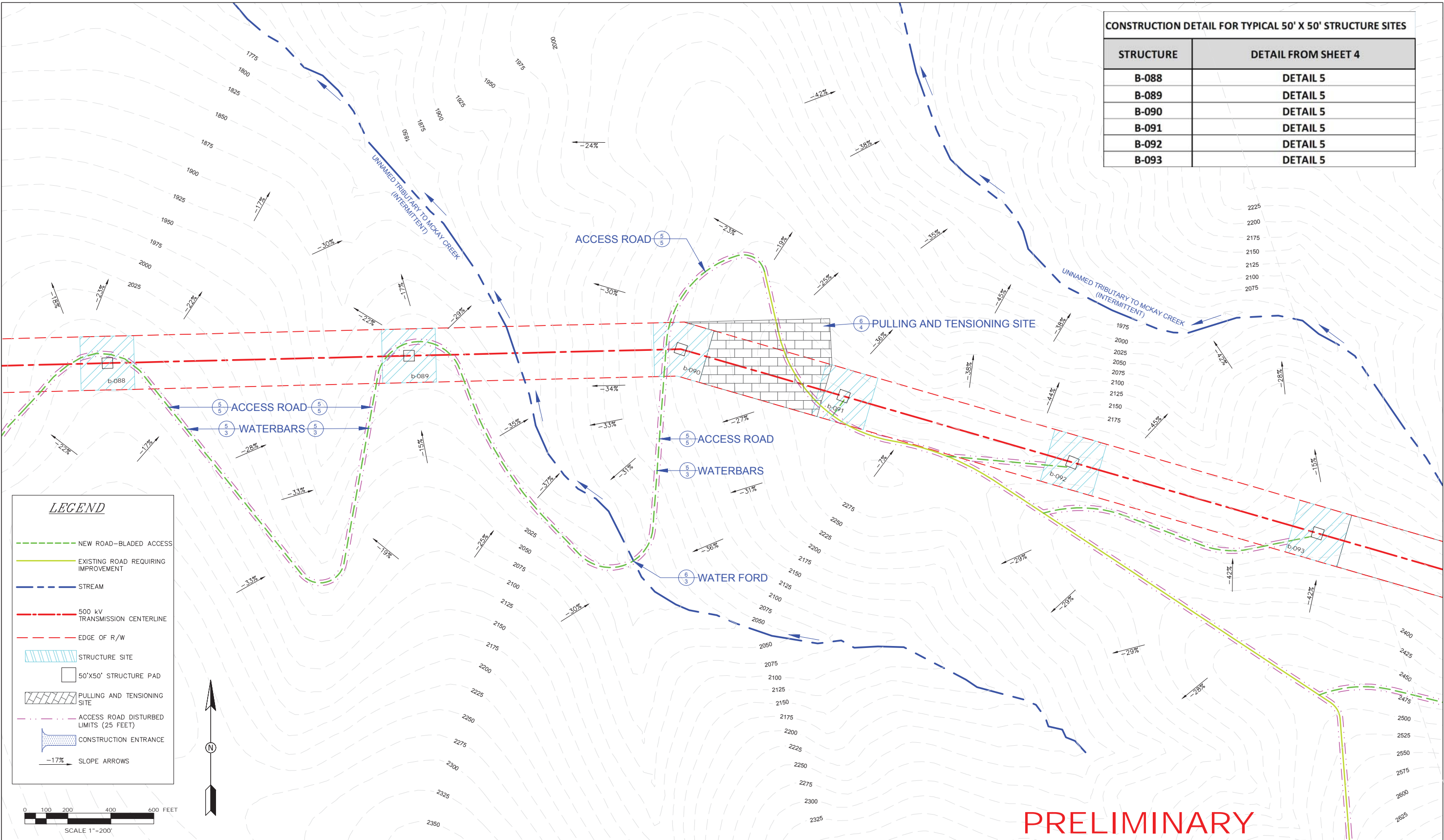
\* NOTE: INFORMATION IS SPECIFIED ONLY TO THIS EXAMPLE MILE-LONG SEGMENT OF THE BOARDMAN TO HEMINGWAY 500 KV PROJECT. A FULL TABULATION CONDITIONS FOR ALL APPLICABLE SEGMENTS WILL BE PRESENTED AS A SUPPLEMENT TO THIS ESCP.

THE PERMITTEE IS REQUIRED TO MEET ALL THE CONDITIONS OF THE 1200C PERMIT. THIS ESCP AND GENERAL CONDITIONS HAVE BEEN DEVELOPED TO FACILITATE COMPLIANCE WITH THE 1200C PERMIT REQUIREMENTS. IN CASES OF DISCREPANCIES OR OMISSIONS, THE 1200C PERMIT REQUIREMENTS SUPERCEDE REQUIREMENTS OF THIS PLAN.

1 OF 5 EROSION AND SEDIMENT CONTROL TITLE SHEET  
2 OF 5 EROSION AND SEDIMENT CONTROL PLAN  
3 OF 5 EROSION AND SEDIMENT CONTROL DETAILS A  
4 OF 5 EROSION AND SEDIMENT CONTROL DETAILS B  
5 OF 5 EROSION AND SEDIMENT CONTROL DETAILS C

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	0	B2H EROSION AND SEDIMENT CONTROL PLANS – DRAFT	10–10–11	DKR	KTM	CAH								DESIGNER: KTM		10–10–11	DRAWING #: TITLE SHEET
	1	REVISE	11–22–11	DKR	KTM								DRAFTER: CAH	10–10–11		VAULT #: 23D–00000–00	
	2	REVISED FOR DRAFT 1200–C APPLICATION	3–30–12			KHK							C.E.G. DKR	10–10–11		SHEET #: 1 OF 5	
													SCALE: NTS	HORIZ. VERT.			

Mar 30, 2012 - 12:48pm C:\Users\knowf65\_ka\My Desktop\BOARDMAN-SEC B2H 1 M[a 111711.dwg



CONSTRUCTION DETAIL FOR TYPICAL 50' X 50' STRUCTURE SITES	
STRUCTURE	DETAIL FROM SHEET 4
B-088	DETAIL 5
B-089	DETAIL 5
B-090	DETAIL 5
B-091	DETAIL 5
B-092	DETAIL 5
B-093	DETAIL 5

**LEGEND**

- NEW ROAD-BLADED ACCESS
- EXISTING ROAD REQUIRING IMPROVEMENT
- STREAM
- 500 kV TRANSMISSION CENTERLINE
- EDGE OF R/W
- STRUCTURE SITE
- 50'X50' STRUCTURE PAD
- PULLING AND TENSIONING SITE
- ACCESS ROAD DISTURBED LIMITS (25 FEET)
- CONSTRUCTION ENTRANCE
- SLOPE ARROWS

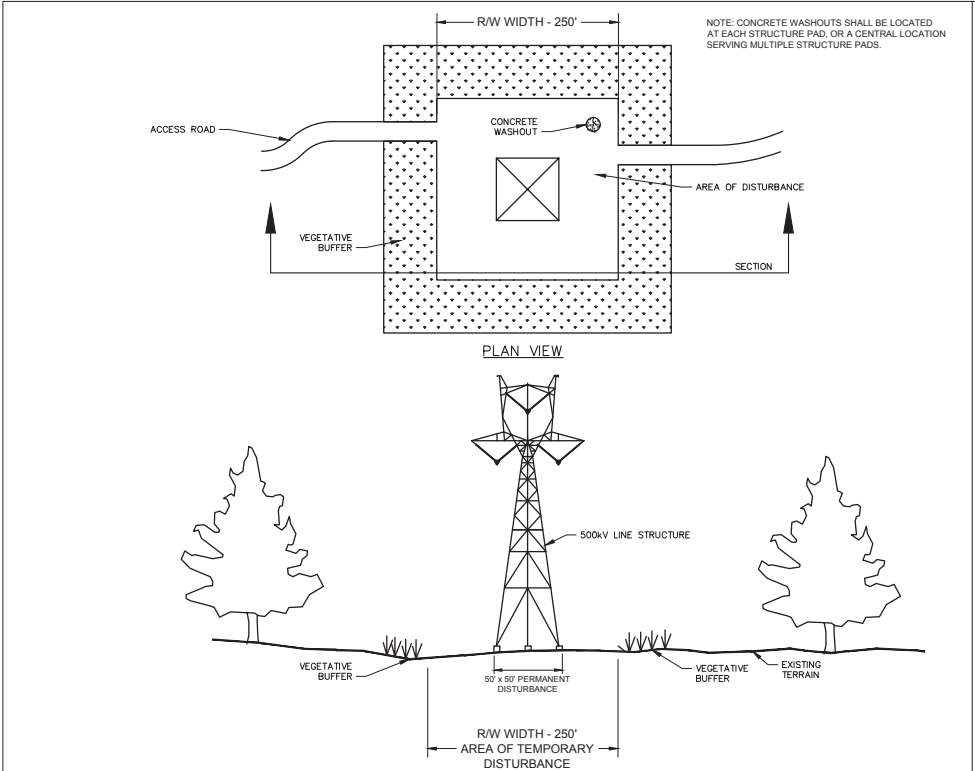


REV.	DESCRIPTION	DATE	C.E.G.	DSGN	DFTR	REV.	DESCRIPTION	DATE	C.E.G.	DSGN	DFTR	REFERENCES	DATE	PROJECT INFORMATION	TRANSMISSION DEPARTMENT
0	B2H EROSION AND SEDIMENT CONTROL PLANS - DRAFT	10-10-11	DKR	KTM	CAH							DESIGNER: KTM	10-10-11	BOARDMAN TO HEMINGWAY	DRAWING #: PLAN
1	REVISE	11-22-11	DKR	KTM	KTM							DRAFTER: CAH	10-10-11	500kV LINE #XXX	
												C.E.G. DKR	10-10-11	EROSION AND SEDIMENT	Vault #: 23D-00000-00
												SCALE: 1" = 200'	HORZ.	CONTROL PLANS	SHEET #: 2
													VERT.		OF 5

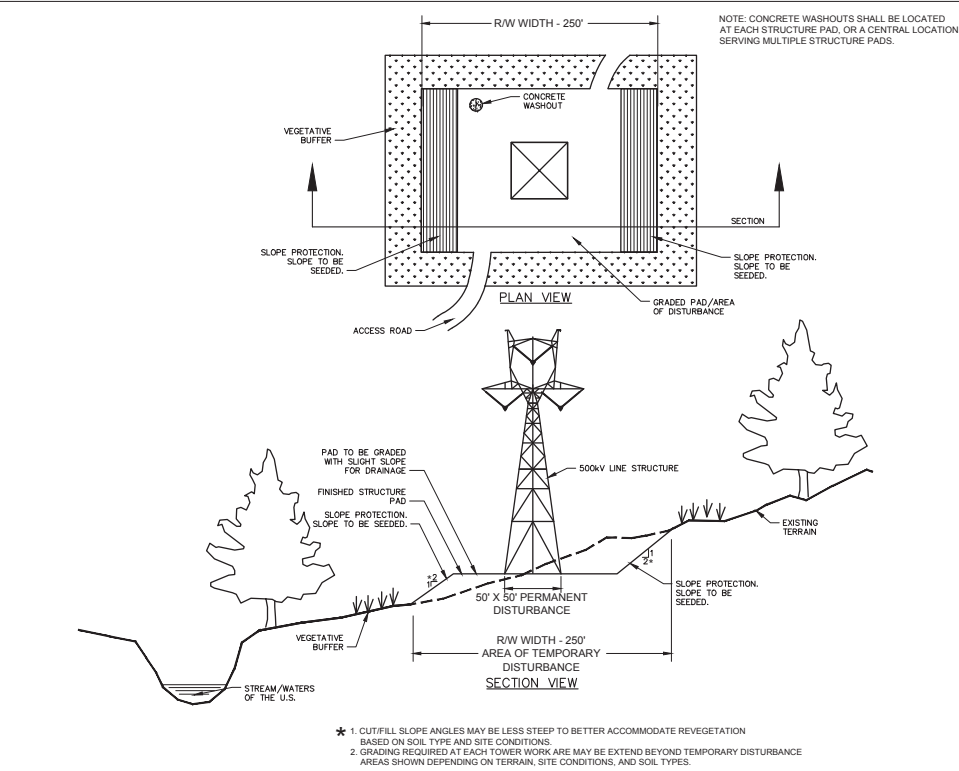
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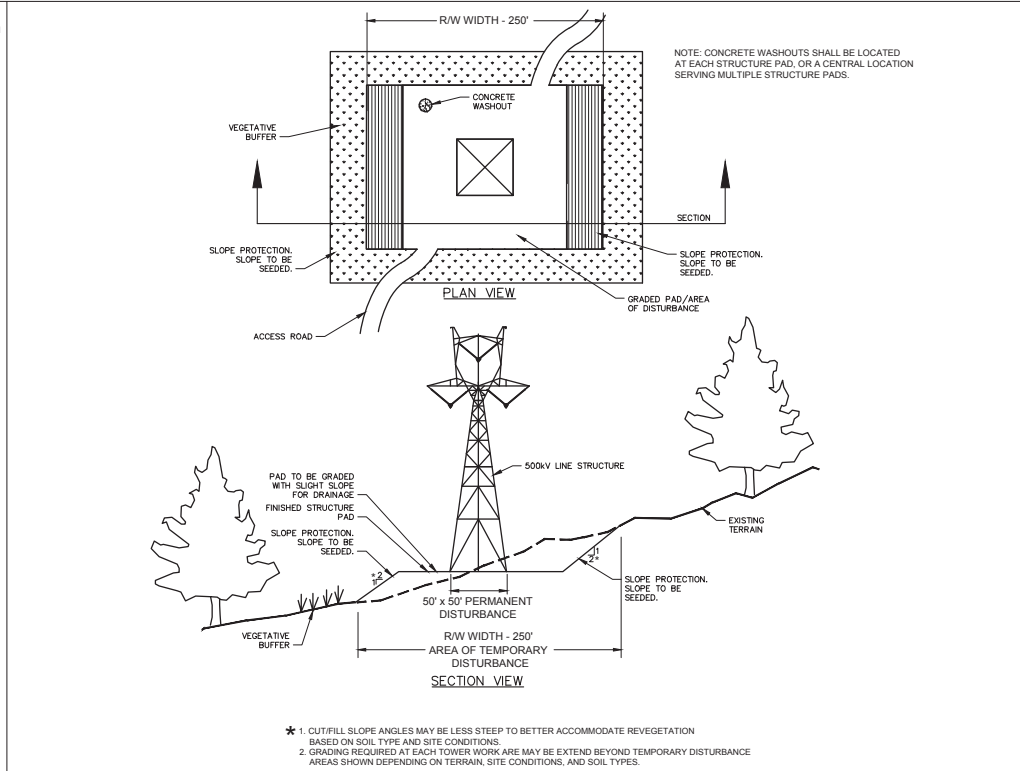




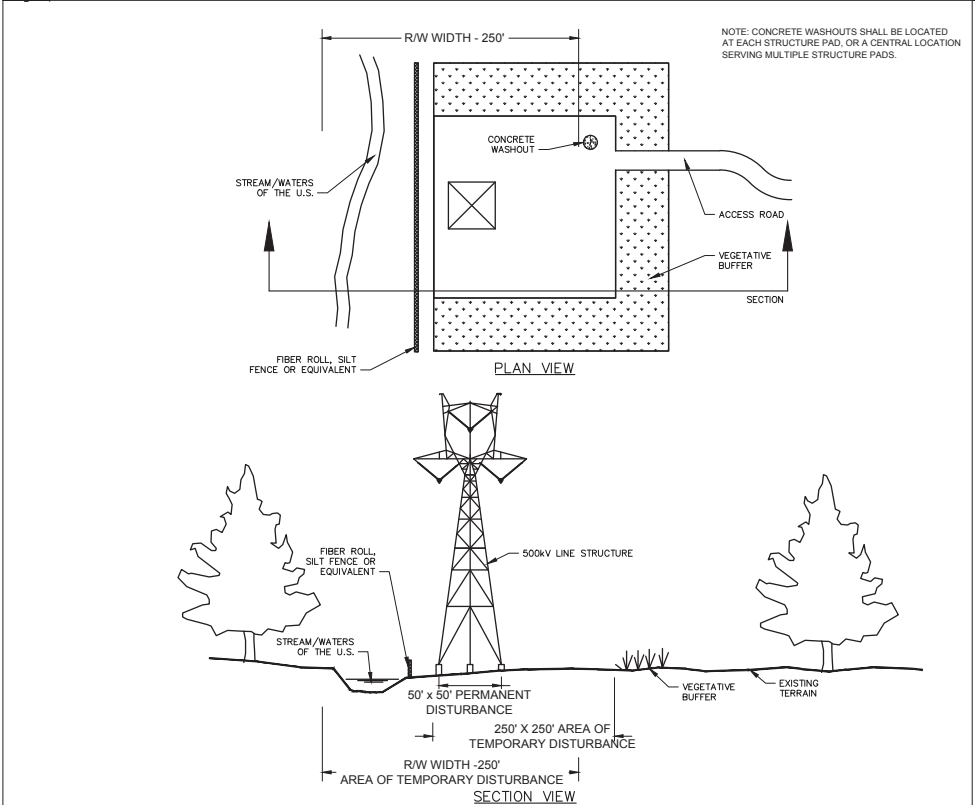
1  
4 TYPICAL STRUCTURE SITE



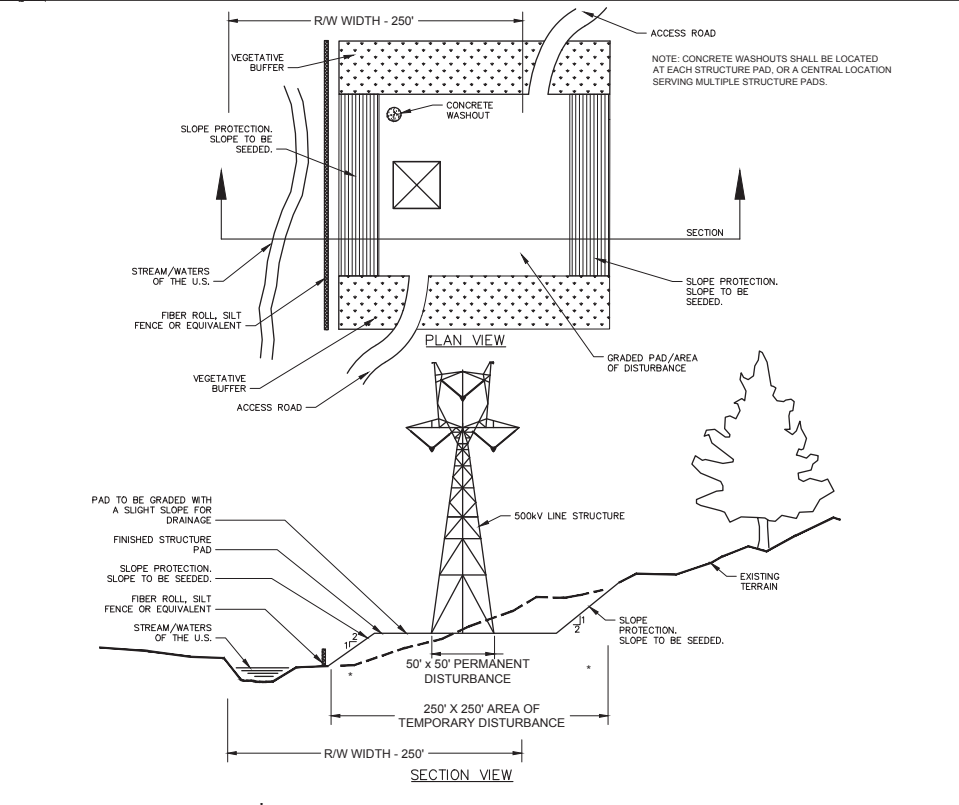
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4 TYPICAL STRUCTURE SITE-ALTERNATE 2



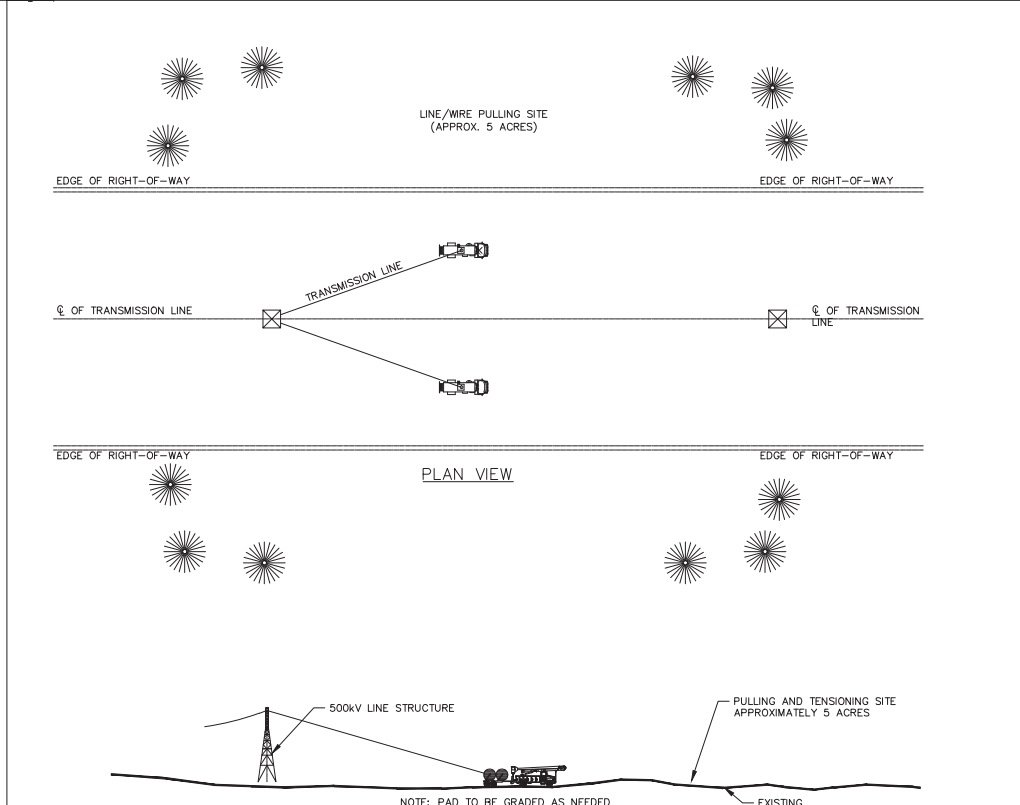
5  
4 TYPICAL STRUCTURE SITE-ALTERNATE 4



2  
4 TYPICAL STRUCTURE SITE-ALTERNATE 1



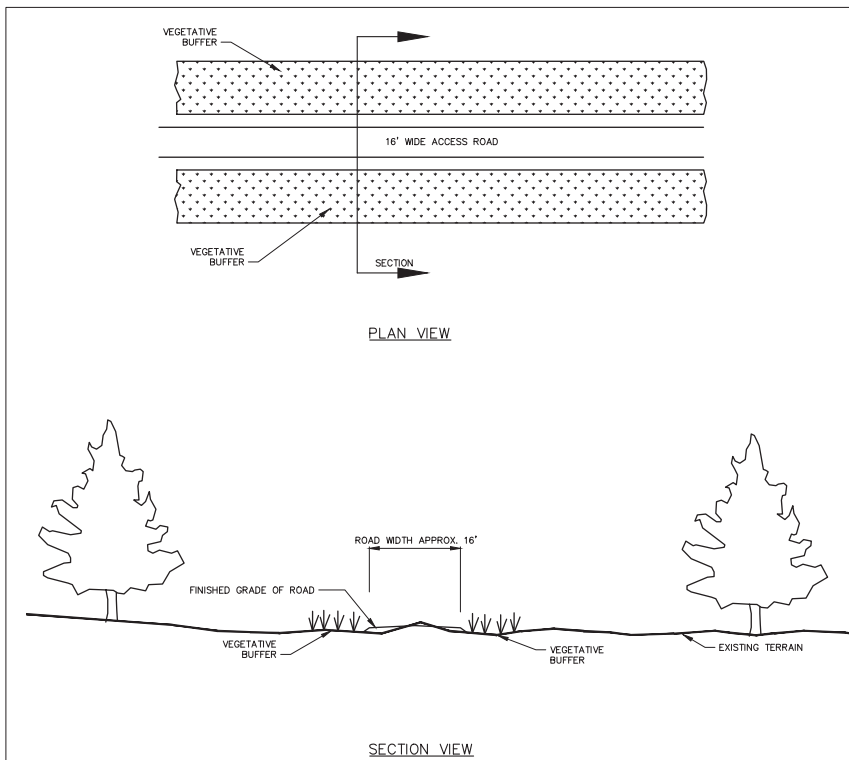
4  
4 TYPICAL STRUCTURE SITE-ALTERNATE 3



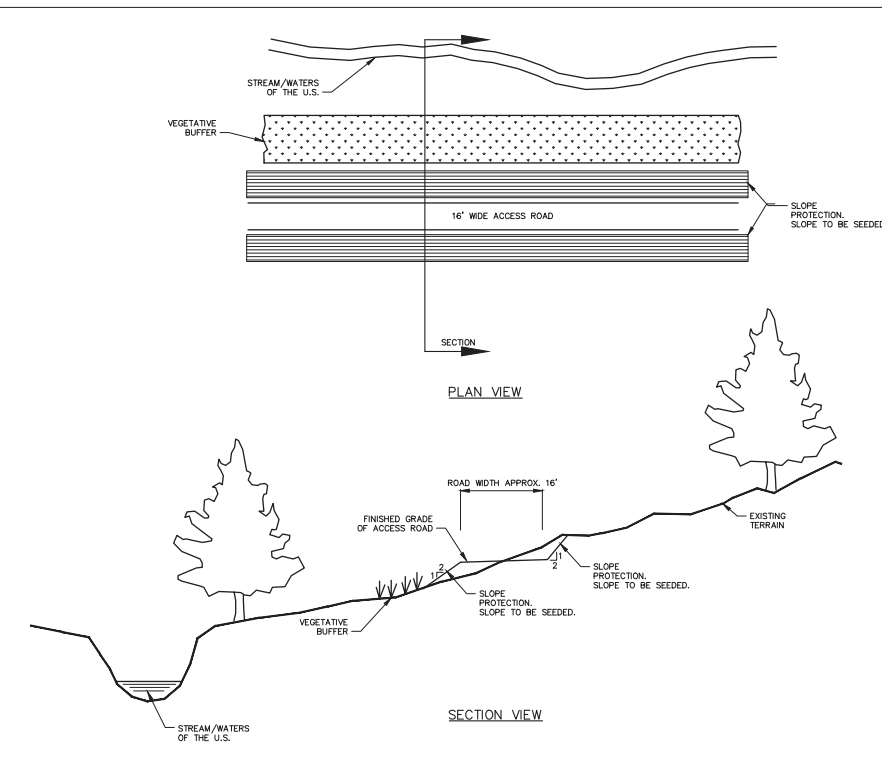
6  
4 PULLING AND TENSIONING SITE

REV.	DESCRIPTION	DATE	C.E.G.	DSGN	DFTR	REV.	DESCRIPTION	DATE	C.E.G.	DSGN	DFTR	REFERENCES	DATE	PROJECT INFORMATION	TRANSMISSION DEPARTMENT
0	B2H EROSION AND SEDIMENT CONTROL PLANS - DRAFT	10-10-11	DKR	KTM	CAH							DESIGNER: KTM	10-10-11	BOARDMAN TO HEMINGWAY	
1	REVISE	11-22-11	DKR	KTM	KTM							DRAFTER: CAH	10-10-11	500KV LINE #XXX	DRAWING #: DETAILS B
												C.E.G. DKR	10-10-11	EROSION AND SEDIMENT	VAULT #: 23D-00000-00
												SCALE: NTS	HORZ.	CONTROL PLANS	SHEET #: 4
													VERT.		OF 5

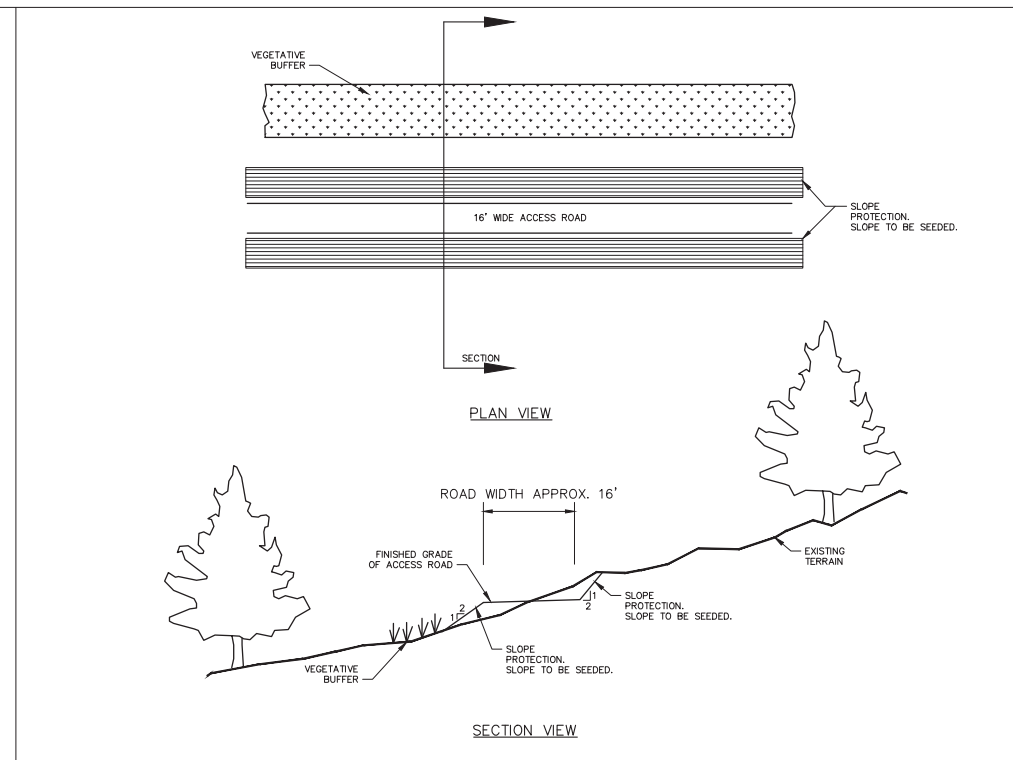
PRELIMINARY



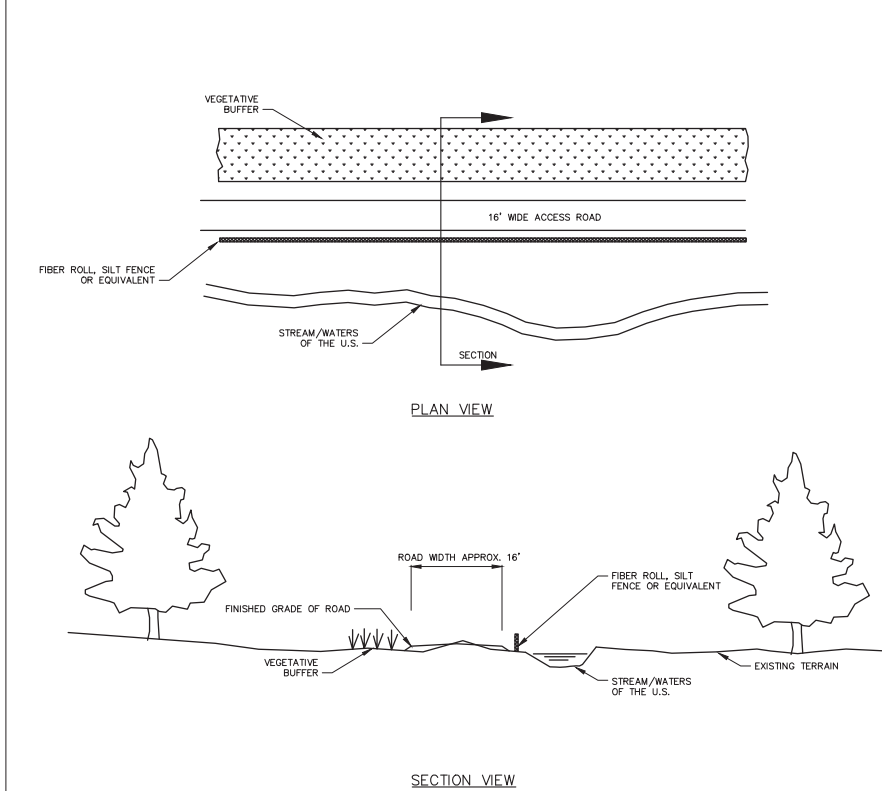
1/5 TYPICAL ACCESS ROAD INSTALLATION



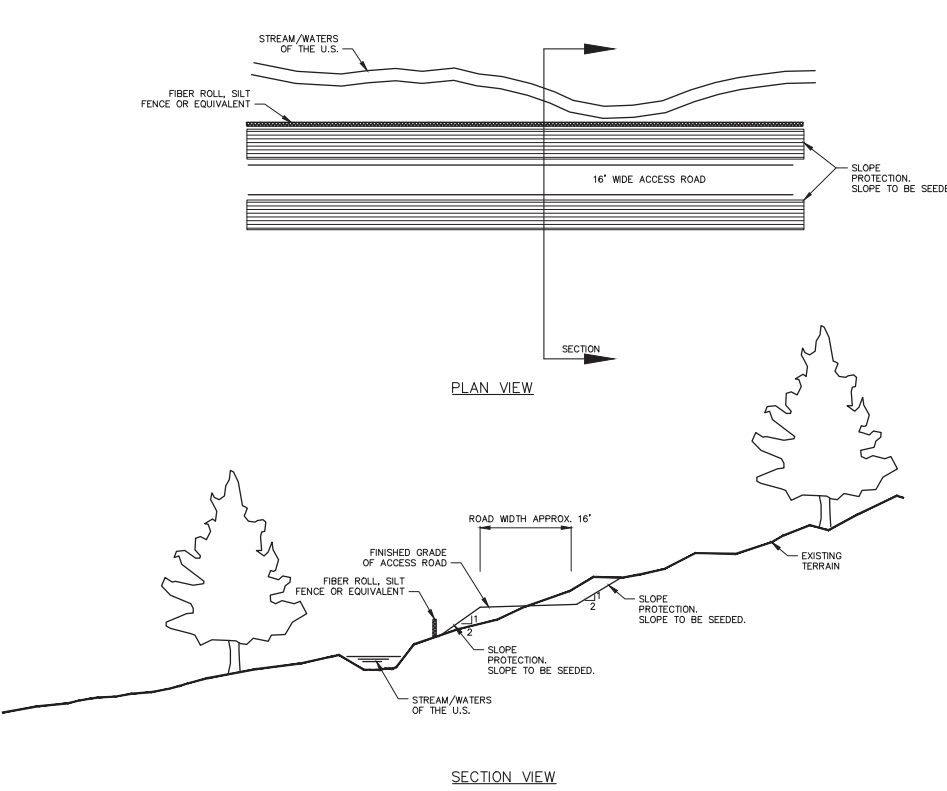
3/5 TYPICAL ACCESS ROAD INSTALLATION-ALTERNATE 2



5/5 TYPICAL ACCESS ROAD INSTALLATION-ALTERNATE 4



2/5 TYPICAL ACCESS ROAD INSTALLATION-ALTERNATE 1



4/5 TYPICAL ACCESS ROAD INSTALLATION-ALTERNATE 3

WATERBAR INSTALLATION FREQUENCY

SLOPE (%)	SPACING (FT)
<5%	125
5 TO 10	100
10 TO 20	75
20 TO 35	50
>35	25

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REV.	DESCRIPTION	DATE	C.E.G.	DSGN	DFTR
0	B2H EROSION AND SEDIMENT CONTROL PLANS - DRAFT	10-10-11	DKR	KTM	CAH
1	REVISE	11-22-11	DKR	KTM	KTM

REV.	DESCRIPTION	DATE	C.E.G.	DSGN	DFTR

REFERENCES	DATE
DESIGNER: KTM	10-10-11
DRAFTER: CAH	10-10-11
C.E.G.: DKR	10-10-11
SCALE: NTS	HORZ.
	VERT.

PROJECT INFORMATION
BOARDMAN TO HEMINGWAY 500KV LINE #XXX EROSION AND SEDIMENT CONTROL PLANS

TRANSMISSION DEPARTMENT
DRAWING #: DETAILS C
Vault #: 23D-00000-00
SHEET #: 5 OF 5

PRELIMINARY

Nov 15, 2012 - 4:02pm S:\ALL PROJECTS\B2H 500KV LINE\B2H\B2H11711.DWG