



**US Army Corps
of Engineers**
New England District

**Maine Project Office
675 Western Avenue #3
Manchester, Maine 04351**

PUBLIC NOTICE

Date: 27-Jul-2010
Comment Period Ends: 27-Aug-2010
File Number: NAE-2009-00892
In Reply Refer To: Jay L. Clement
Or by e-mail: jay.l.clement@usace.army.mil

The District Engineer has received a permit application from the applicant below to **conduct work in waters of the United States** as described below. The Corps is soliciting comments on both the project itself and the range of issues to be addressed in the environmental documentation.

APPLICANT: TRANSCANADA MAINE WIND DEVELOPMENT, INC., 3647 THE ARNOLD TRAIL, CHAIN OF PONDS TOWNSHIP, MAINE 04936

ACTIVITY: Place permanent and temporary fill in inland waterways and adjacent freshwater wetlands between Kibby Township and Chain of Ponds Township, Maine in order to expand an existing mountain top windfarm as shown on the attached plans and described as follows:

The proposed expansion, consisting of 15 turbine towers, will be located along the Sisk Mountain ridgeline, west of the previously authorized Kibby Mountain windfarm project (Corps Permit No. NAE-2005-03179). Minor upgrades of the existing logging road network to the Sisk Mountain site, crane paths between the turbine sites, and turbine pads will result in approximately 0.76 acres of permanent wetland impact and 0.02 acres of permanent impact to streams (crossings). The total generating capacity for the expansion will be 45 MW.

The expansion site will be linked to the existing Kibby Wind Power facility 115kV transmission line by a 34.5kV collector line, new substation, and short section of 115kV transmission line. Installation of the new collector line will result in approximately 3.47 acres of vegetation clearing, converting existing cover types to emergent or scrub-shrub cover types. Clearing overstory vegetation in wetlands will not require filling, stump removal, or more than diminimus soil disturbance. To facilitate clearing operations and pole installation, approximately 0.2 acres of temporary access fill in the form of timber mats will be required. These mats will be removed and the affected areas restored upon completion of the project.

The expansion, much like the existing windfarm, will generate electrical power for distribution to the ISO New England Electrical grid, which distributes power to energy customers throughout New England.

Since direct impacts are primarily associated with upgrades to existing roads, roads which have adversely affected drainage and erosion, and since the upgrades are expected to remediate those issues, no compensatory mitigation is proposed for the project's direct impacts. To compensate for the project's unavoidable indirect impacts to aquatic resources, the applicant proposes a \$32,594.00 contribution to the Maine Natural Resource Mitigation Fund (Maine In-Lieu Fee Program). The applicant is proposing these measures seeking to lessen the project's impact on aquatic resources. This notice solicits comments on these proposed measures from the interested or affected public as well as those agencies who speak to the public interest. It also solicits recommendations for alternative mitigation sites or measures not yet identified by the applicant. After receipt of the comments, the Corps of Engineers will obtain any necessary additional information from the applicant and determine

whether the proposed measures are practicable and serve to help mitigate this project's unavoidable impacts.

WATERWAY AND LOCATION OF THE PROPOSED WORK: This work is proposed in numerous wetlands and waterways between Kibby Township and Chain of Ponds Township, Maine. The windfarm project site (ridgeline) is located on the USGS JIM POND, ME quadrangle sheet at latitude 45.3685456°N; and longitude 70.6242385°W.

AUTHORITY

Permits are required pursuant to:

- Section 10 of the Rivers and Harbors Act of 1899
- Section 404 of the Clean Water Act
- Section 103 of the Marine Protection, Research and Sanctuaries Act).

The decision whether to issue a permit will be based on an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which may reasonably accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are: conservation, economics, aesthetics, general environmental concerns, wetlands, cultural value, fish and wildlife values, flood hazards, flood plain value, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people.

The Corps of Engineers 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 of Engineers 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.

Where the activity involves the discharge of dredged or fill material into waters of the United States or the transportation of dredged material for the purpose of disposing it in ocean waters, the evaluation of the impact of the activity in the public interest will also include application of the guidelines promulgated by the Administrator, U.S Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act, and/or Section 103 of the Marine Protection Research and Sanctuaries Act of 1972 as amended.

SECTION 106 COORDINATION

Based on his initial review, the District Engineer has determined that the proposed work may impact properties listed in, or eligible for listing in, the National Register of Historic Places. Therefore, the Corps will continue review and consultation with the Maine Historic Preservation Commission and Maine's Indian Tribes in order to fulfil requirements under the National Historic Preservation Act of 1966, as amended.

ENDANGERED SPECIES CONSULTATION

Pursuant to the **Endangered Species Act**, the District Engineer is hereby requesting that the appropriate Federal Agency provide comments regarding the presence of and potential impacts to listed species or its critical habitat.

The following authorizations have been applied for, or have been, or will be obtained:

- (X) Permit, License or Assent from State.
- (X) Permit from Local Wetland Agency or Conservation Commission.
- (X) Water Quality Certification in accordance with Section 401 of the Clean Water Act.

In order to properly evaluate the proposal, we are seeking public comment. Anyone wishing to comment is encouraged to do so. **Comments should be submitted in writing by the above date.** If you have any questions, please contact Jay Clement at 207-623-8367 at our Manchester, Maine Project Office.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for a public hearing shall specifically state the reasons for holding a public hearing. The Corps holds public hearings for the purpose of obtaining public comments when that is the best means for understanding a wide variety of concerns from a diverse segment of the public.

The initial determinations made herein will be reviewed in light of facts submitted in response to this notice. All comments will be considered a matter of public record. Copies of letters of objection will be forwarded to the applicant who will normally be requested to contact objectors directly in an effort to reach an understanding.

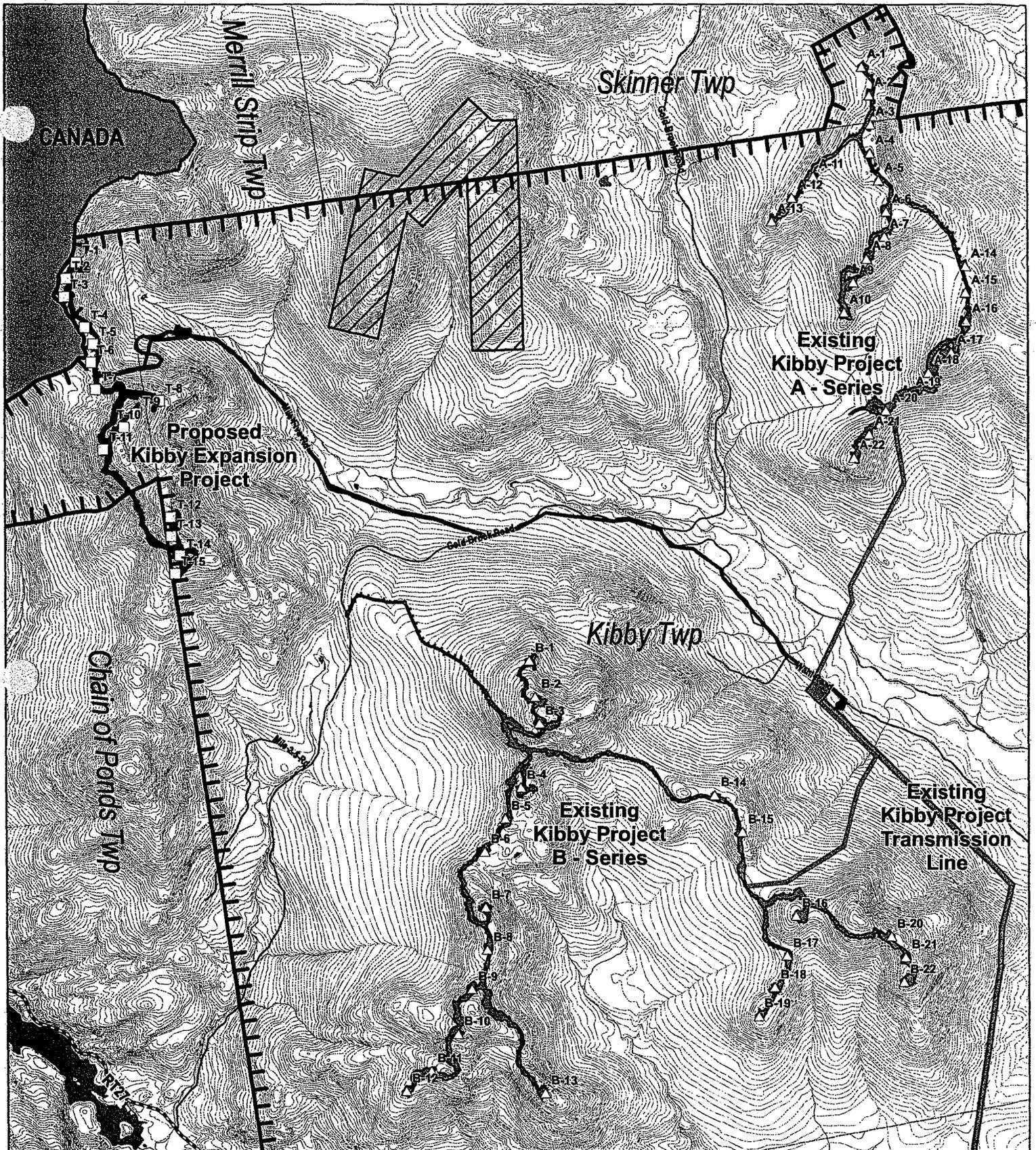
For more information on the New England District Corps of Engineers programs, visit our website at <http://www.nae.usace.army.mil>.

THIS NOTICE IS NOT AN AUTHORIZATION TO DO ANY WORK.

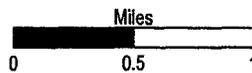

Frank J. Del Giudice
Chief, Permits and Enforcement Branch
Regulatory Division

If you would prefer not to continue receiving Public Notices, please contact Ms. Tina Chaisson at (978) 318-8058 or e-mail her at bettina.m.chaisson@usace.army.mil. You may also check here () and return this portion of the Public Notice to: Bettina Chaisson, Regulatory Division, U.S. Army Corps of Engineers, 696 Virginia Road, Concord, MA 01742-2751.

NAME: _____
ADDRESS: _____



- Kibby Expansion Turbine Layout
- Kibby Expansion Project Footprint
- Kibby Turbine Layout
- Kibby Project Footprint
- Protected from Wind Development via Kibby Project Agreement
- Expedited Wind Energy Project Permitting Area
- Route 27
- Existing Road



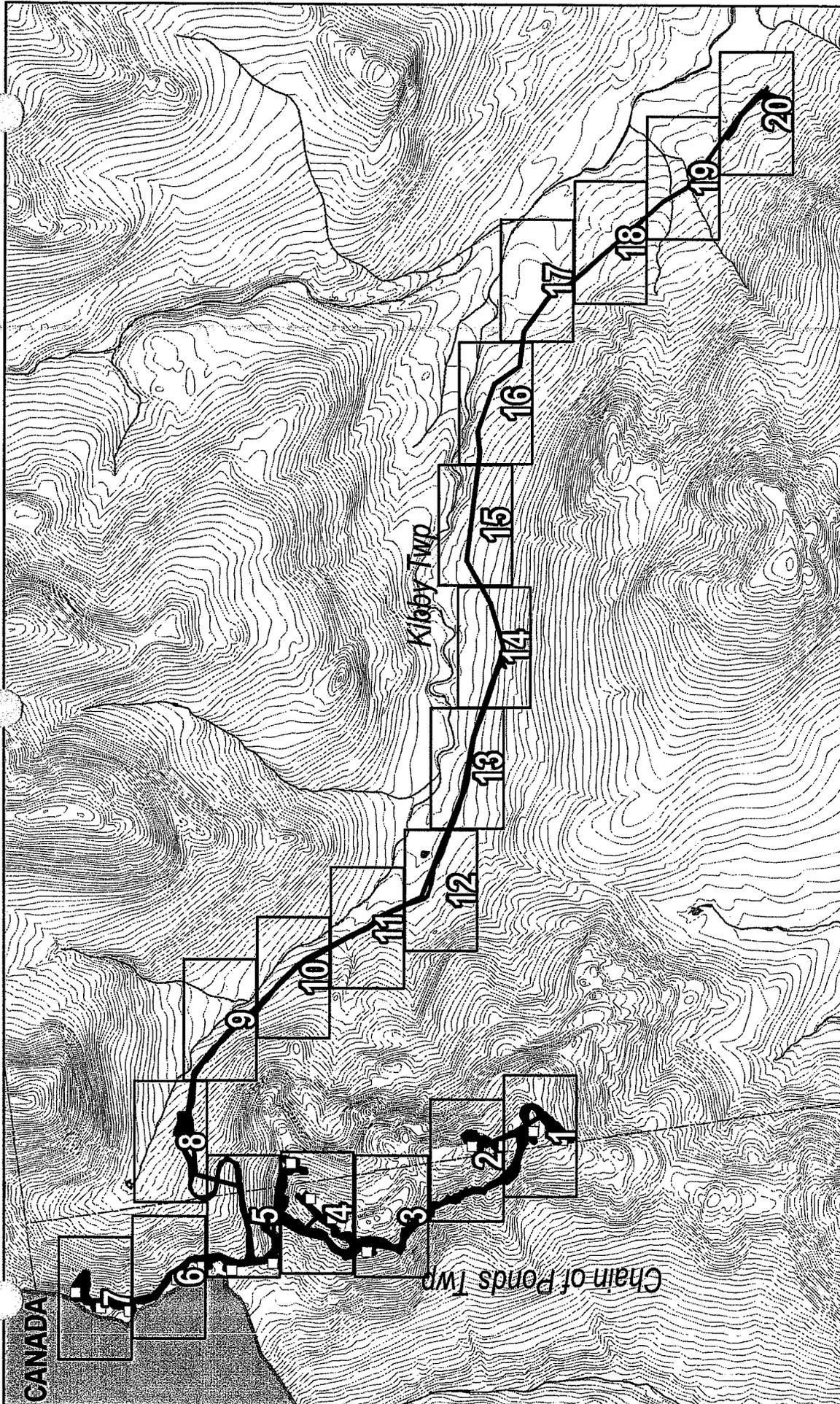
Kibby Expansion Wind Power Project

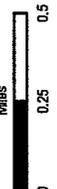
Kibby Expansion Wind Power Project and Kibby Wind Power Project Layout Overview

Sources: Maine OGIS, USGS, TRC

TRC 14 Gabriel Drive
Augusta, ME 04330

5/17/2010



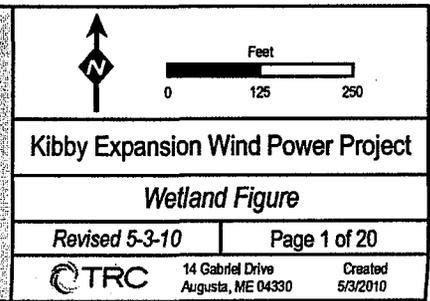
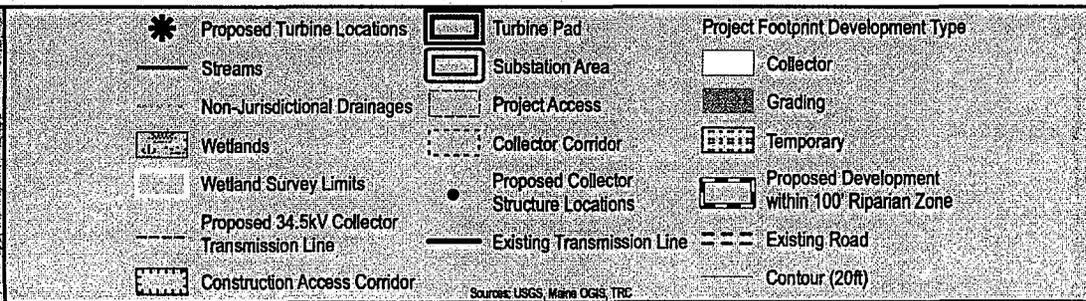
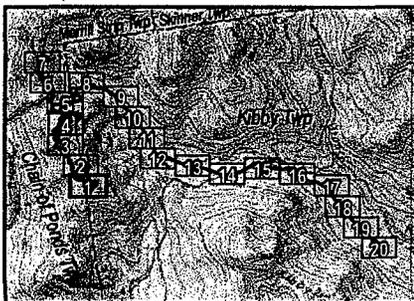
Kibby Expansion
Wind Power Project
Wetland Figure Index Map


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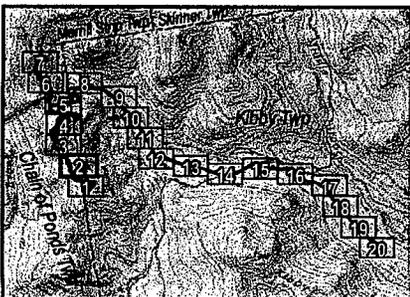

 Proposed Turbine Locations Wetland Figure Page
 Kibby Expansion Project Footprint

Sources: USGS, Maine OCS, TRC

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Proposed Turbine Locations	Turbine Pad	Project Footprint Development Type
Streams	Substation Area	Collector
Non-Jurisdictional Drainages	Project Access	Grading
Wetlands	Collector Corridor	Temporary
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Proposed 34.5kV Collector Transmission Line	Existing Transmission Line	Existing Road
Construction Access Corridor	Contour (20ft)	

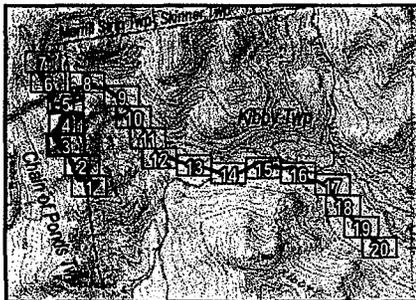
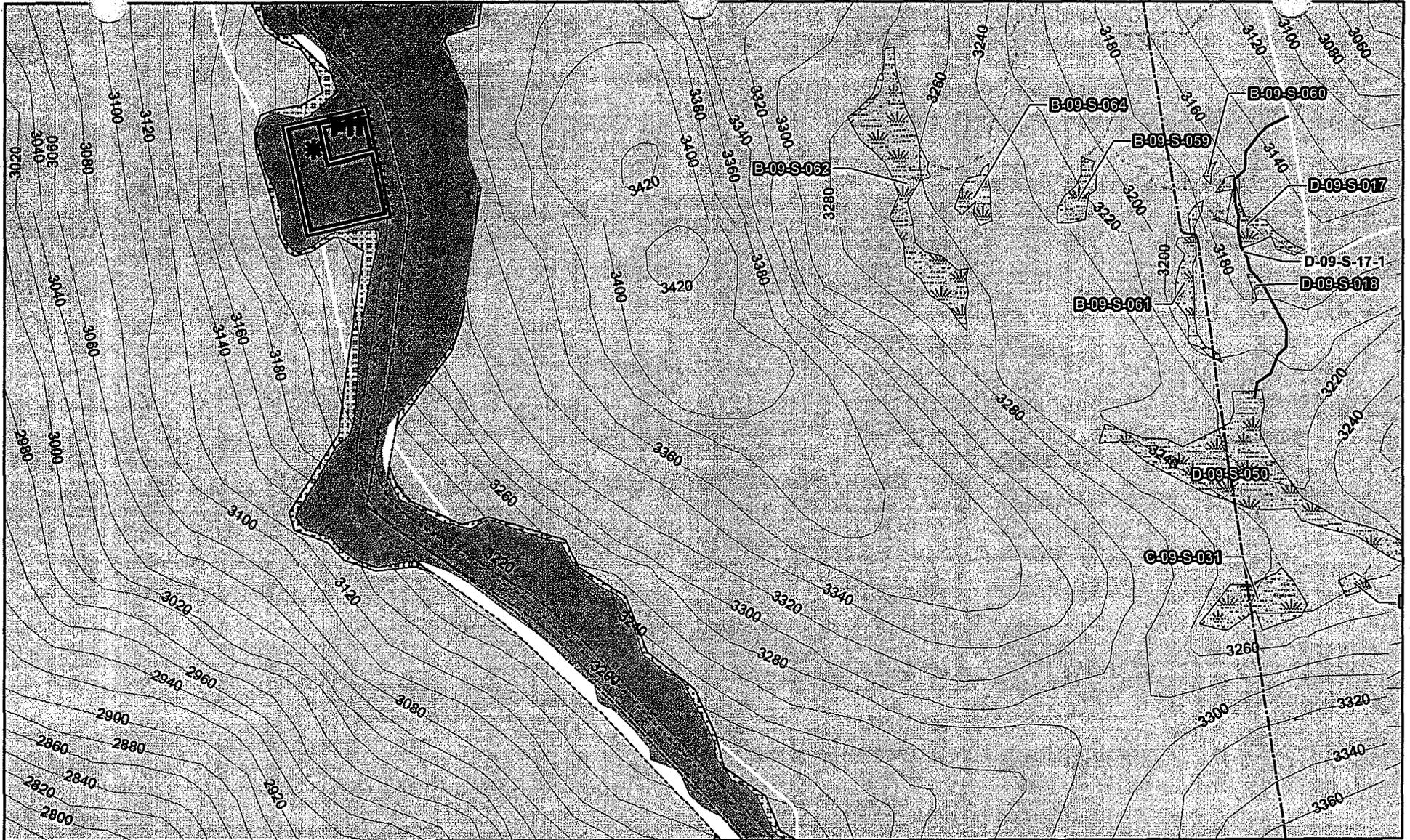
Source: USGS, Maine OGIS, TRC

Kibby Expansion Wind Power Project

Wetland Figure

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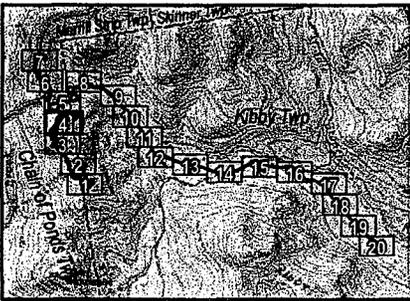
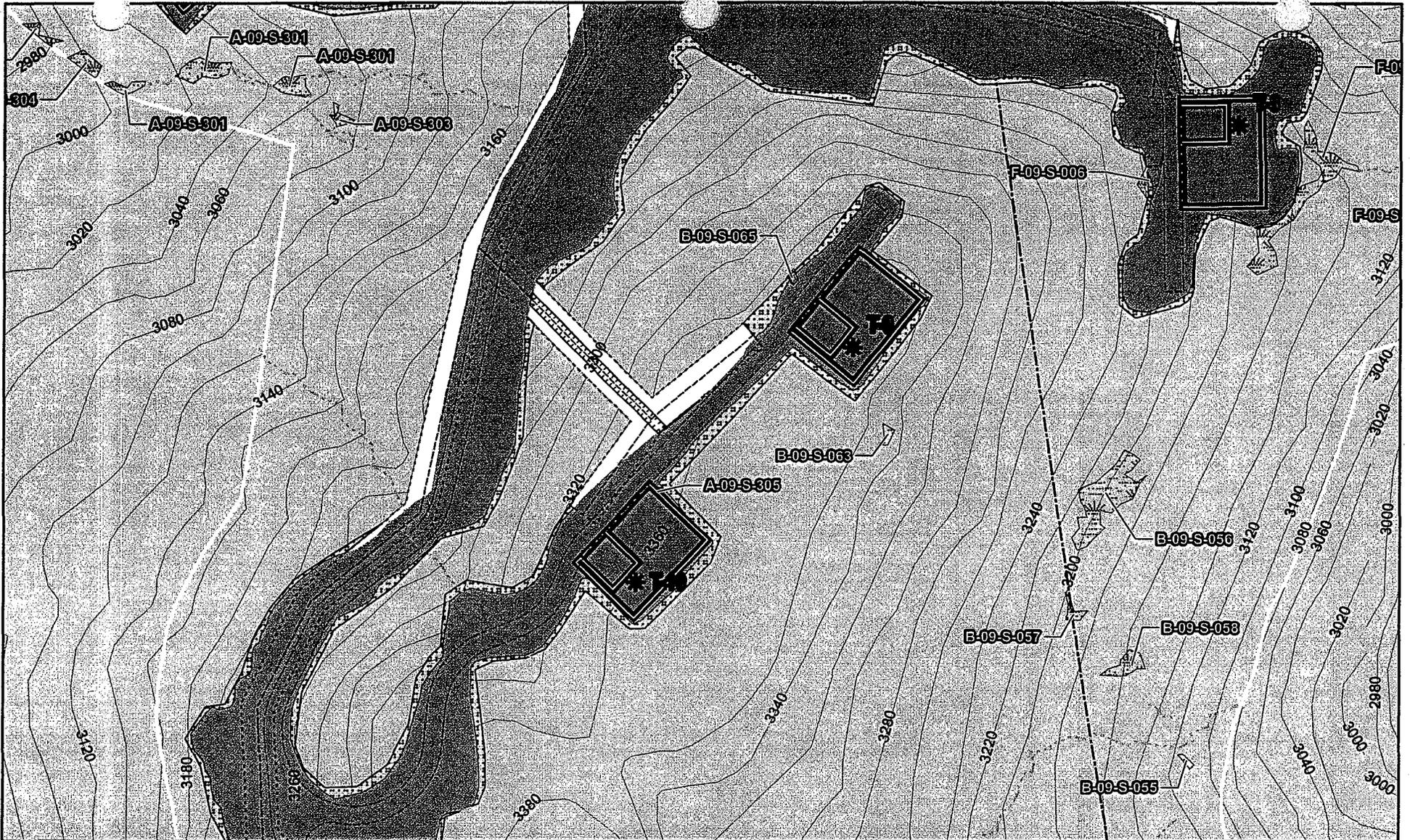
Sources: USGS, Maine OGIS, TRC

Kibby Expansion Wind Power Project

Wetland Figure

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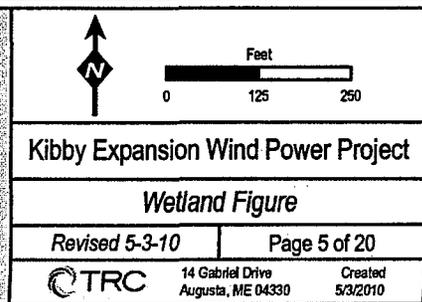
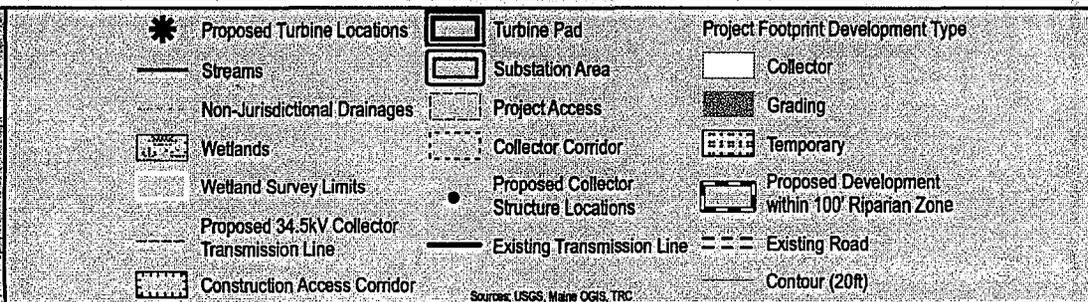
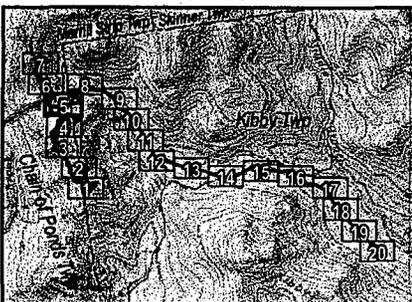
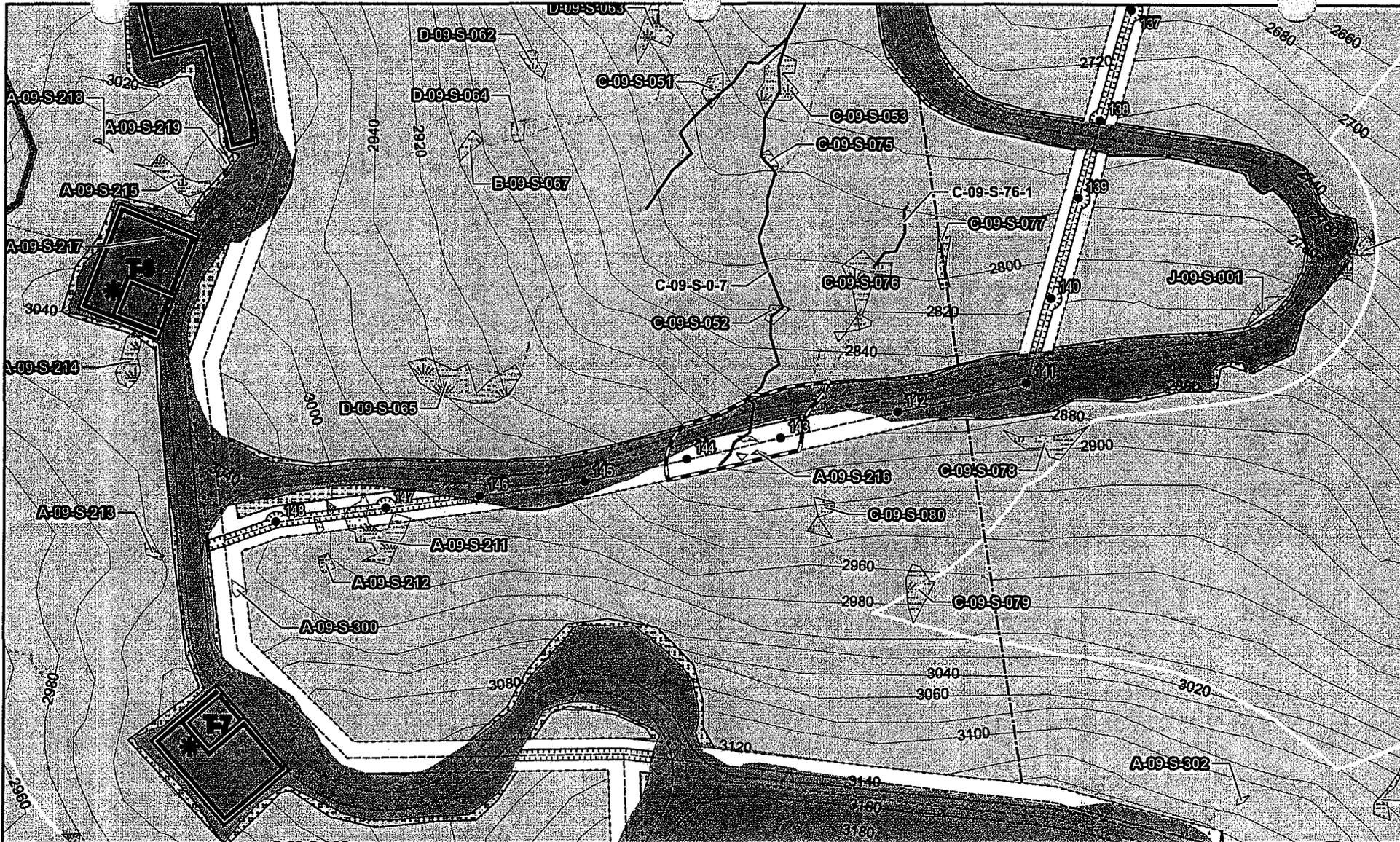
Source: USGS, Maine DGIS, TRC

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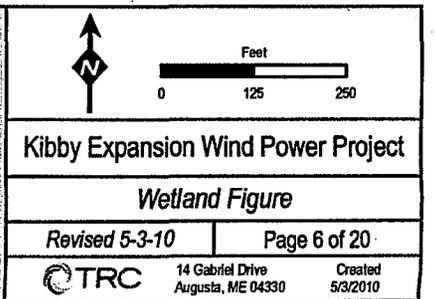
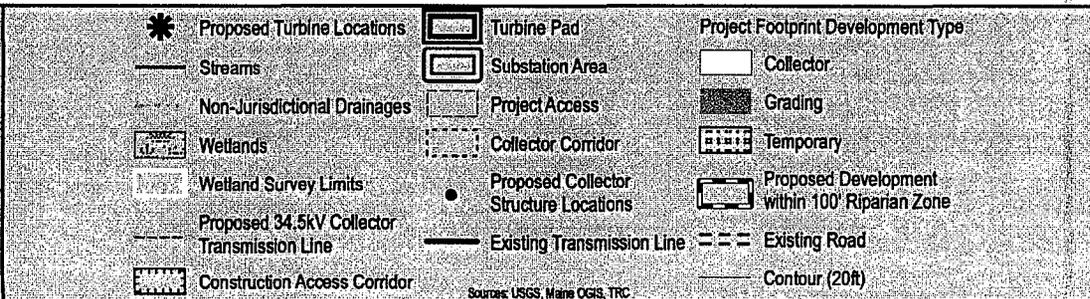
Wetland Figure

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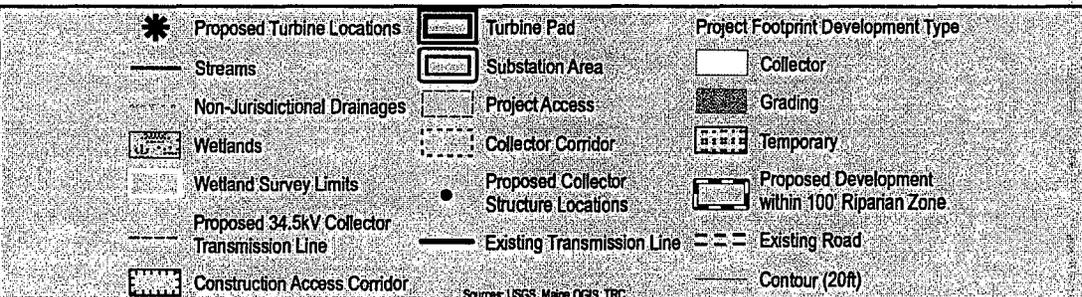
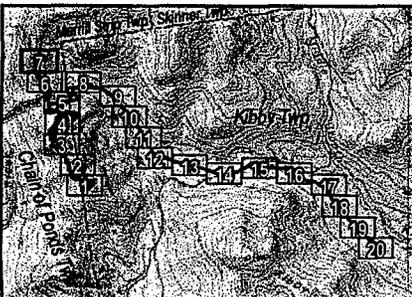
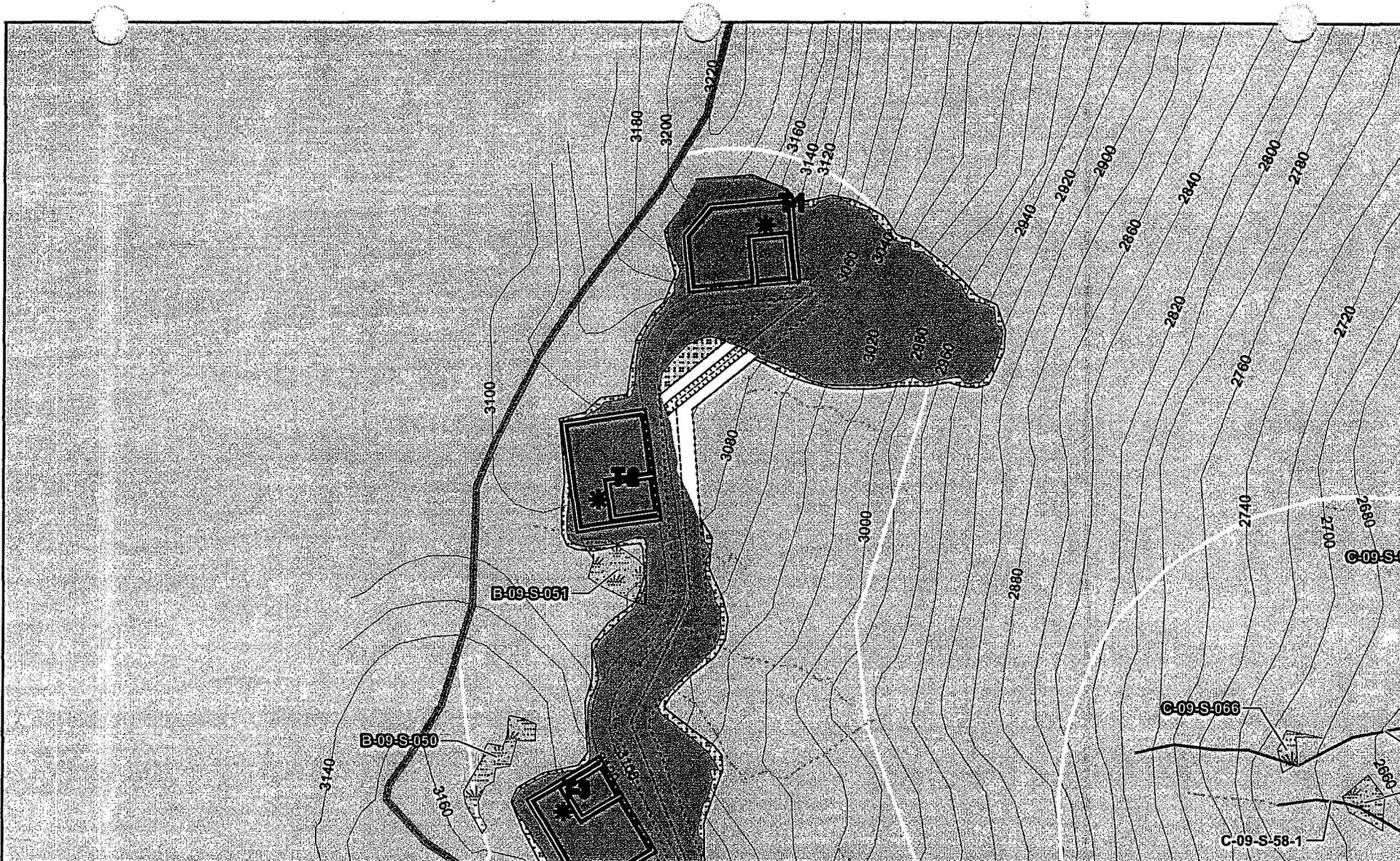
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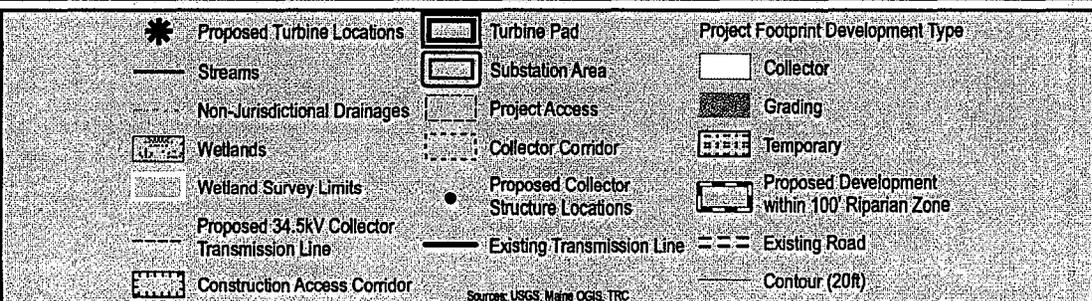
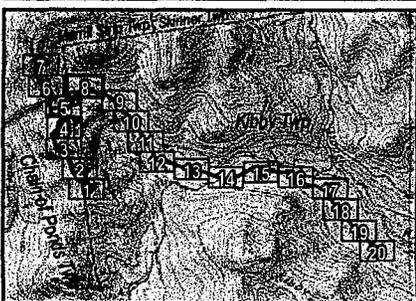
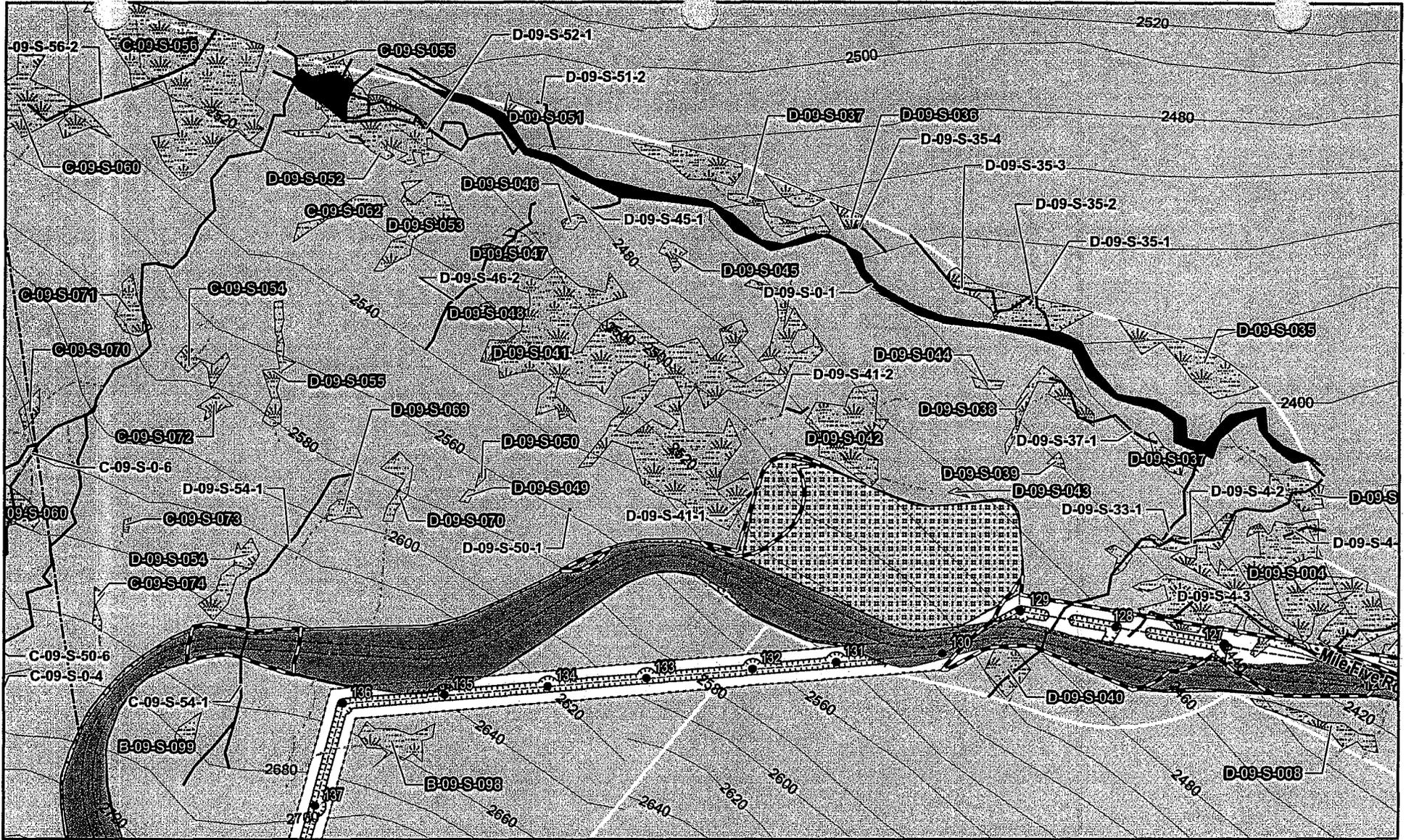


Kibby Expansion Wind Power Project

Wetland Figure

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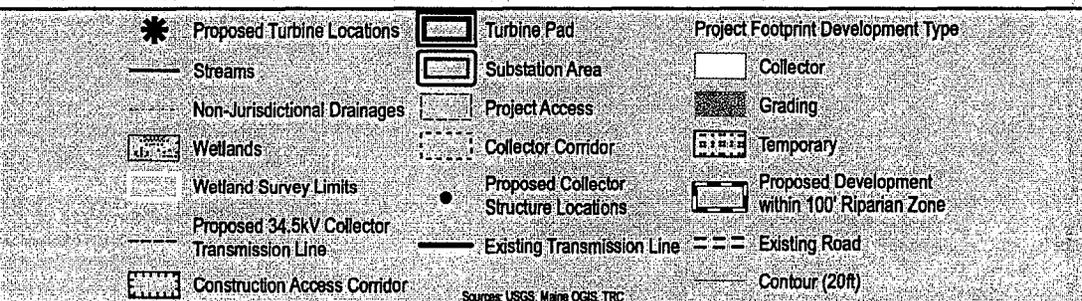
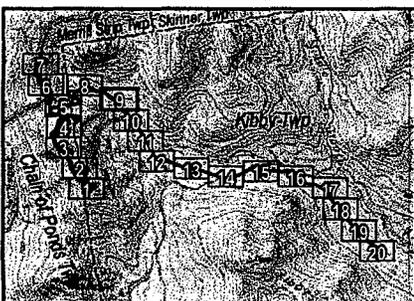
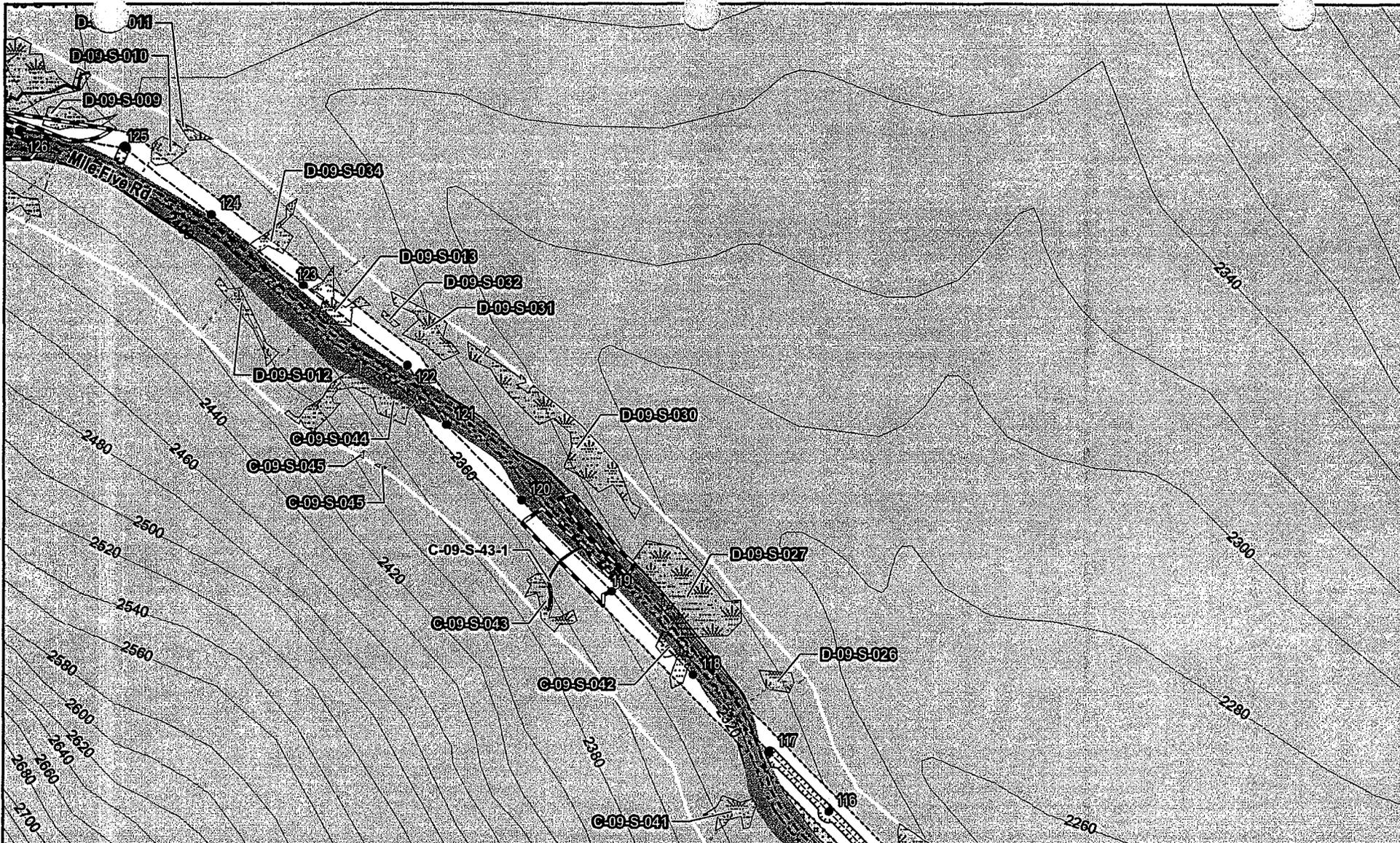
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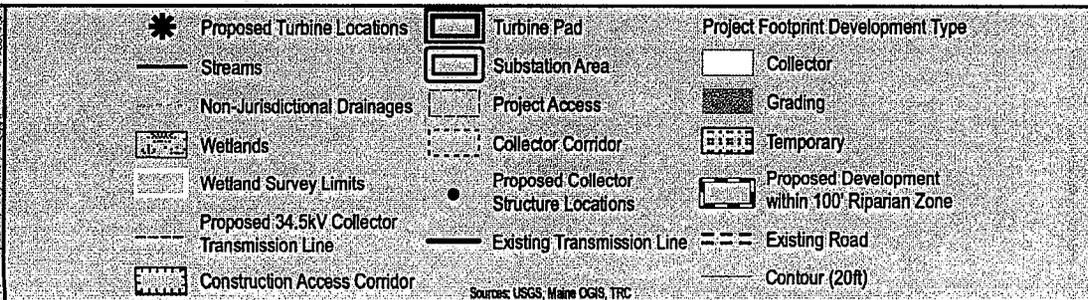
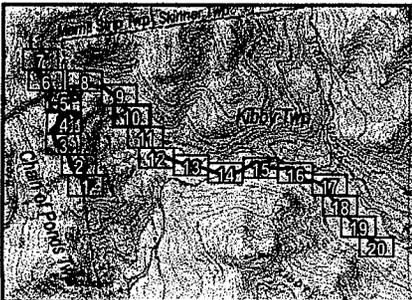
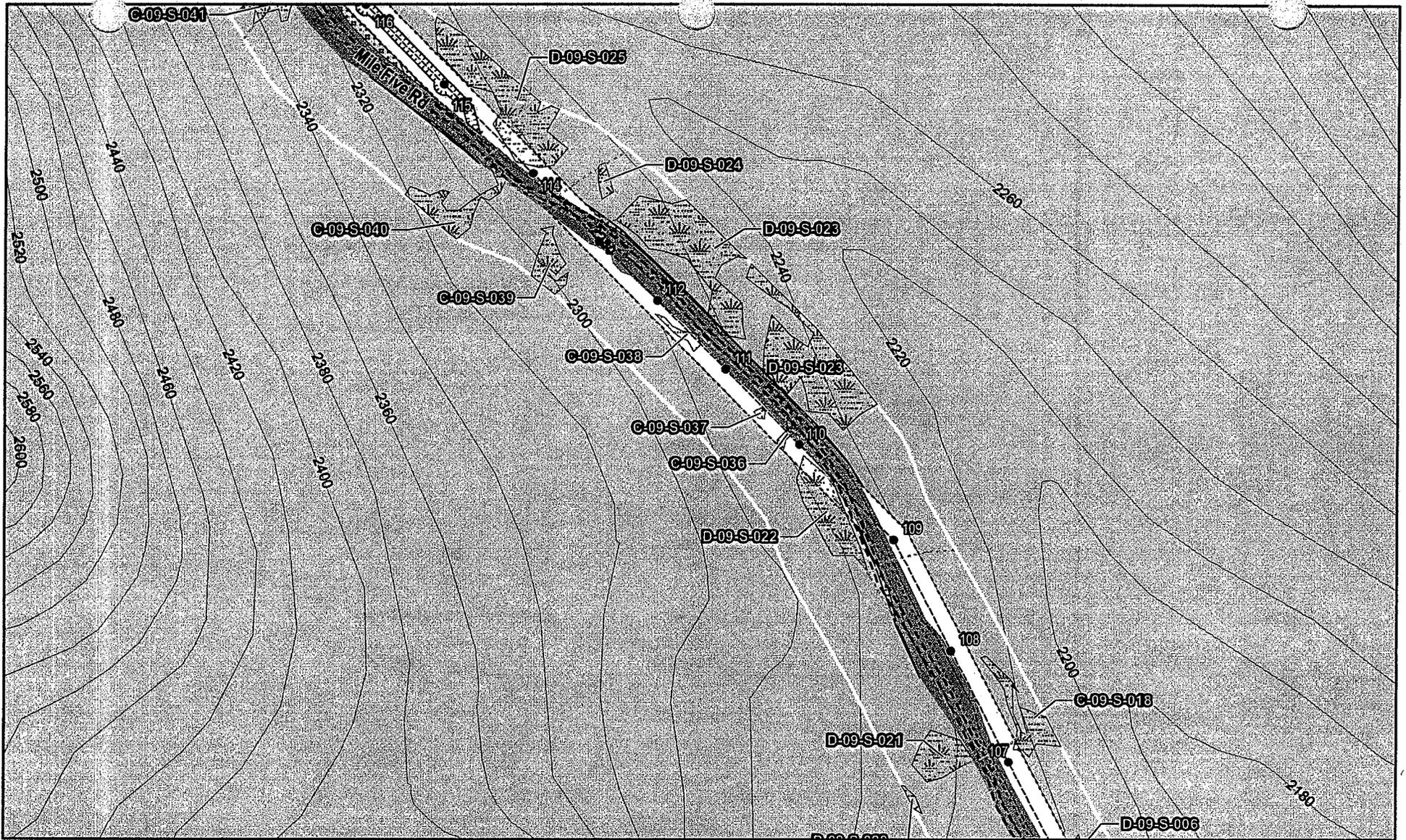
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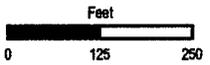
Kibby Expansion Wind Power Project

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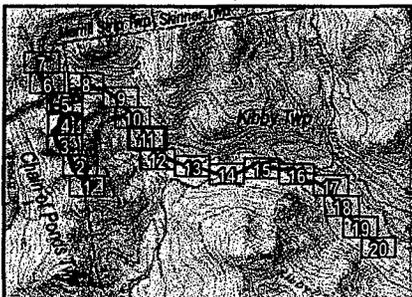
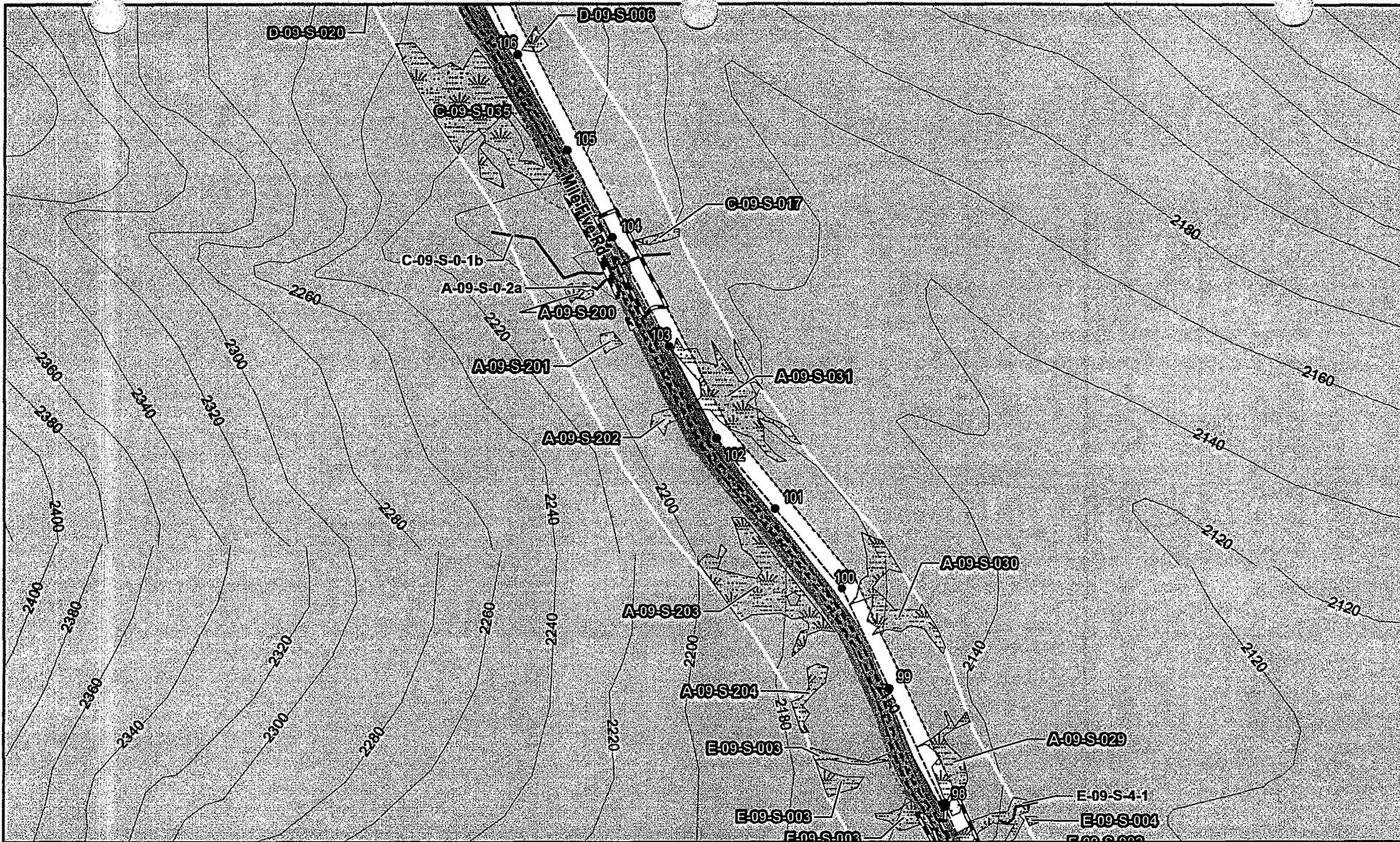




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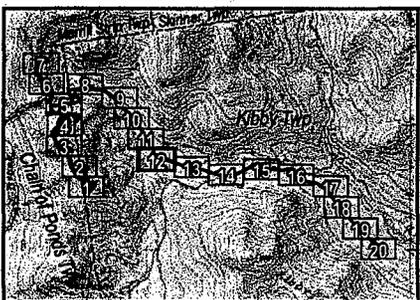
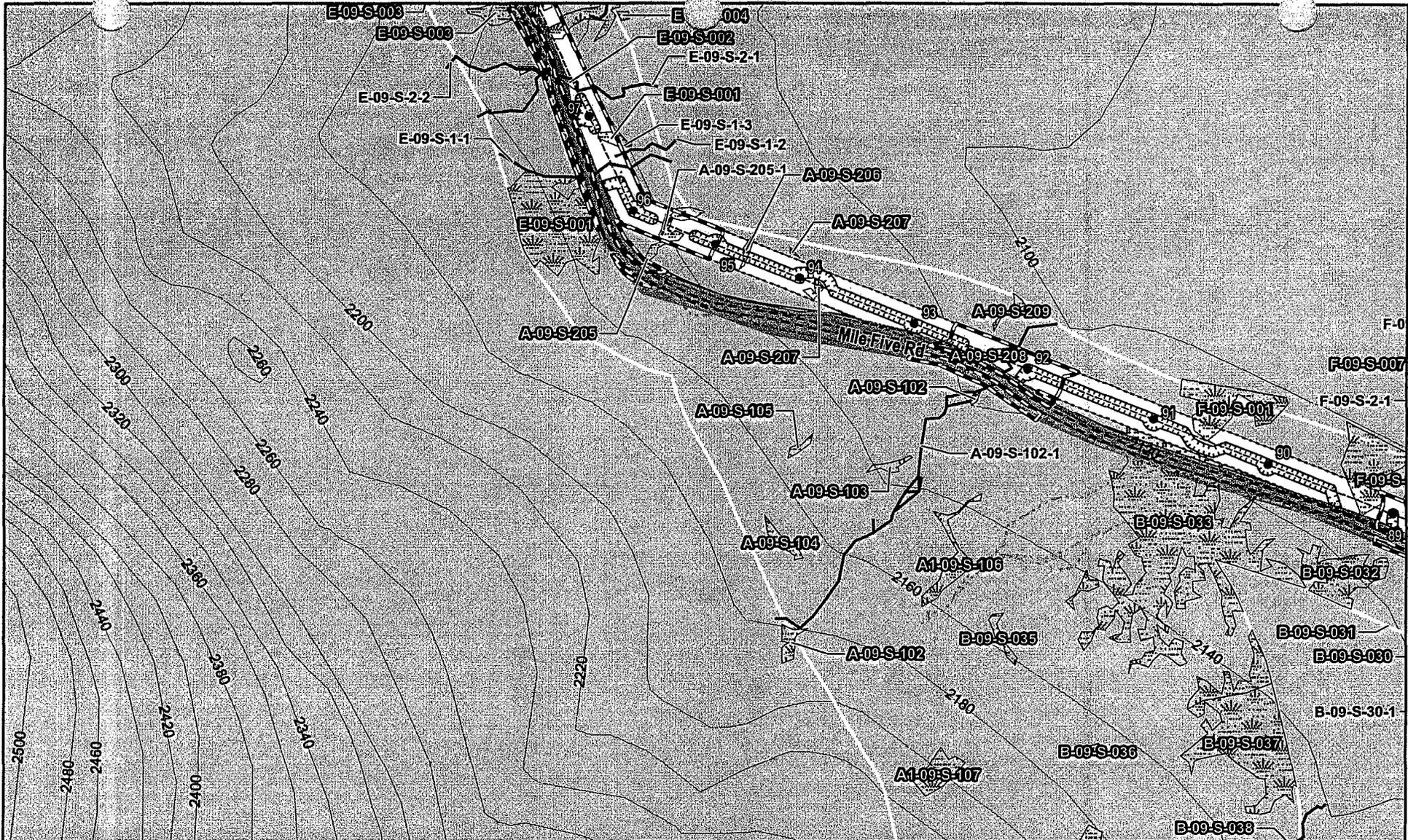
Proposed Turbine Locations	Turbine Pad	Project Footprint Development Type: Collector
Streams	Substation Area	Grading
Non-Jurisdictional Drainages	Project Access	Temporary
Wetlands	Collector Corridor	Proposed Development within 100' Riparian Zone
Wetland Survey Limits	Proposed Collector Structure Locations	Existing Road
Proposed 34.5KV Collector Transmission Line	Existing Transmission Line	Contour (20ft)
Construction Access Corridor		

Sources: USGS, Maine OGIS, TRC

Kibby Expansion Wind Power Project

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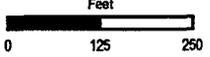
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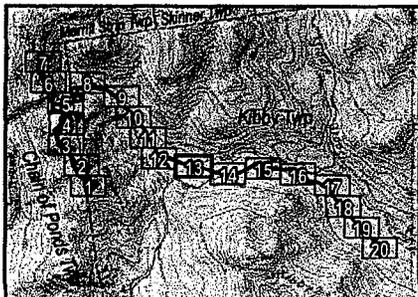
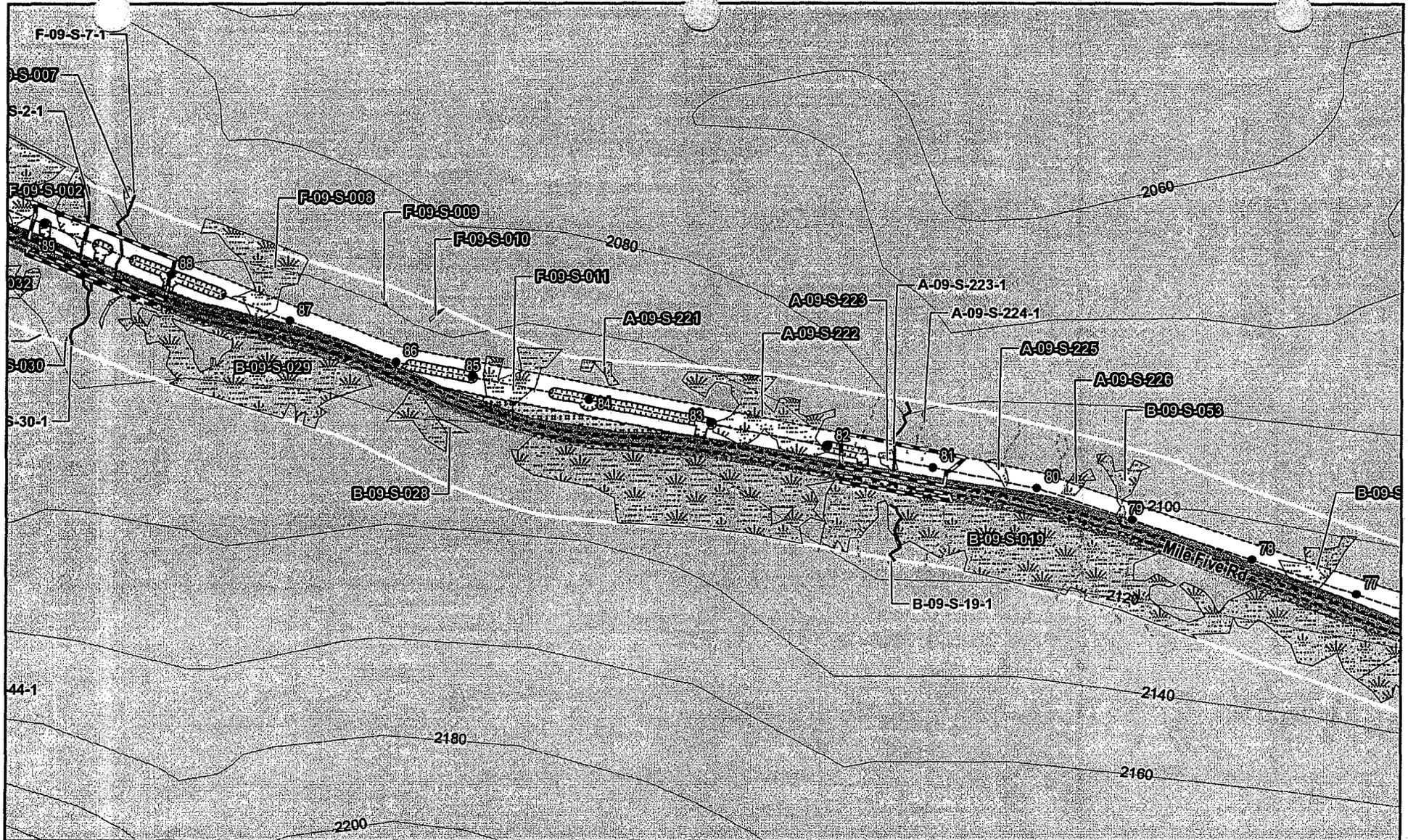


Kibby Expansion Wind Power Project

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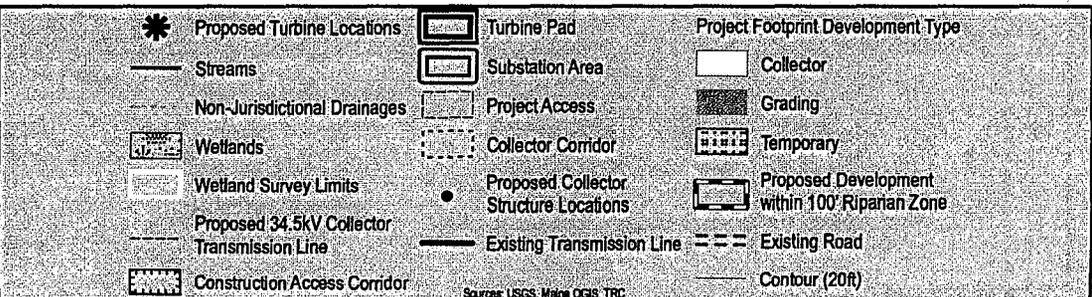
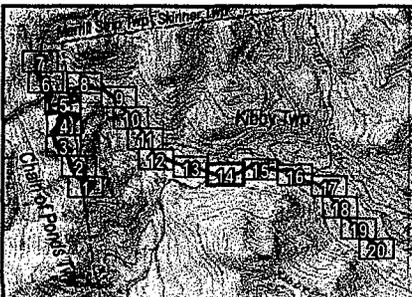
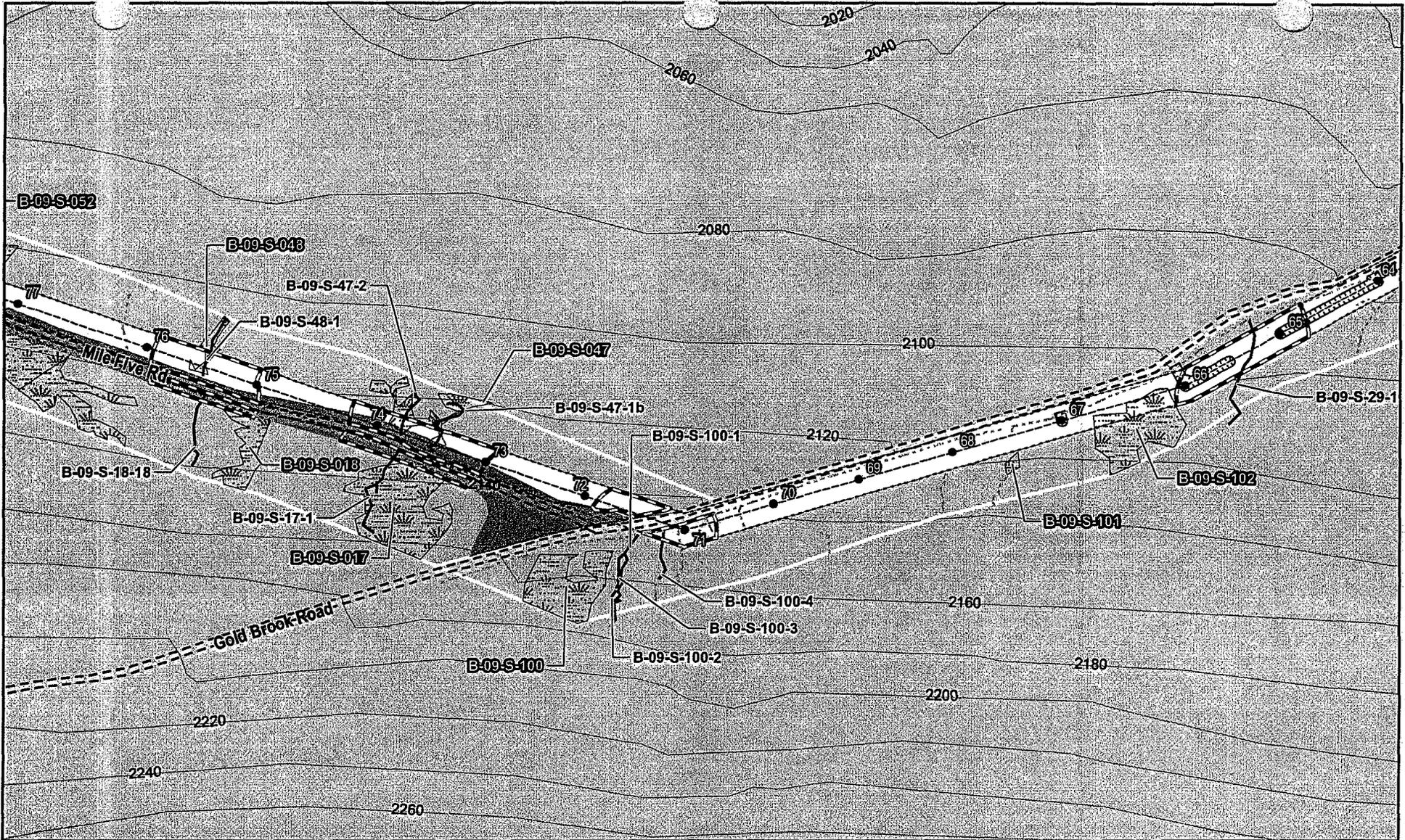


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Sources: USGS, Maine OGIS, TRC

Kibby Expansion
 Wind Power Project

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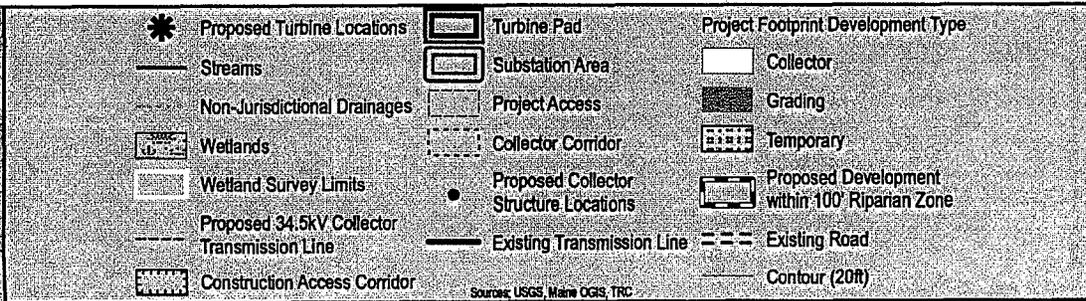
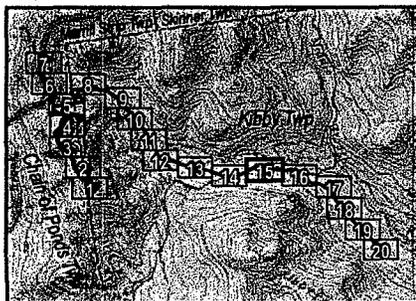
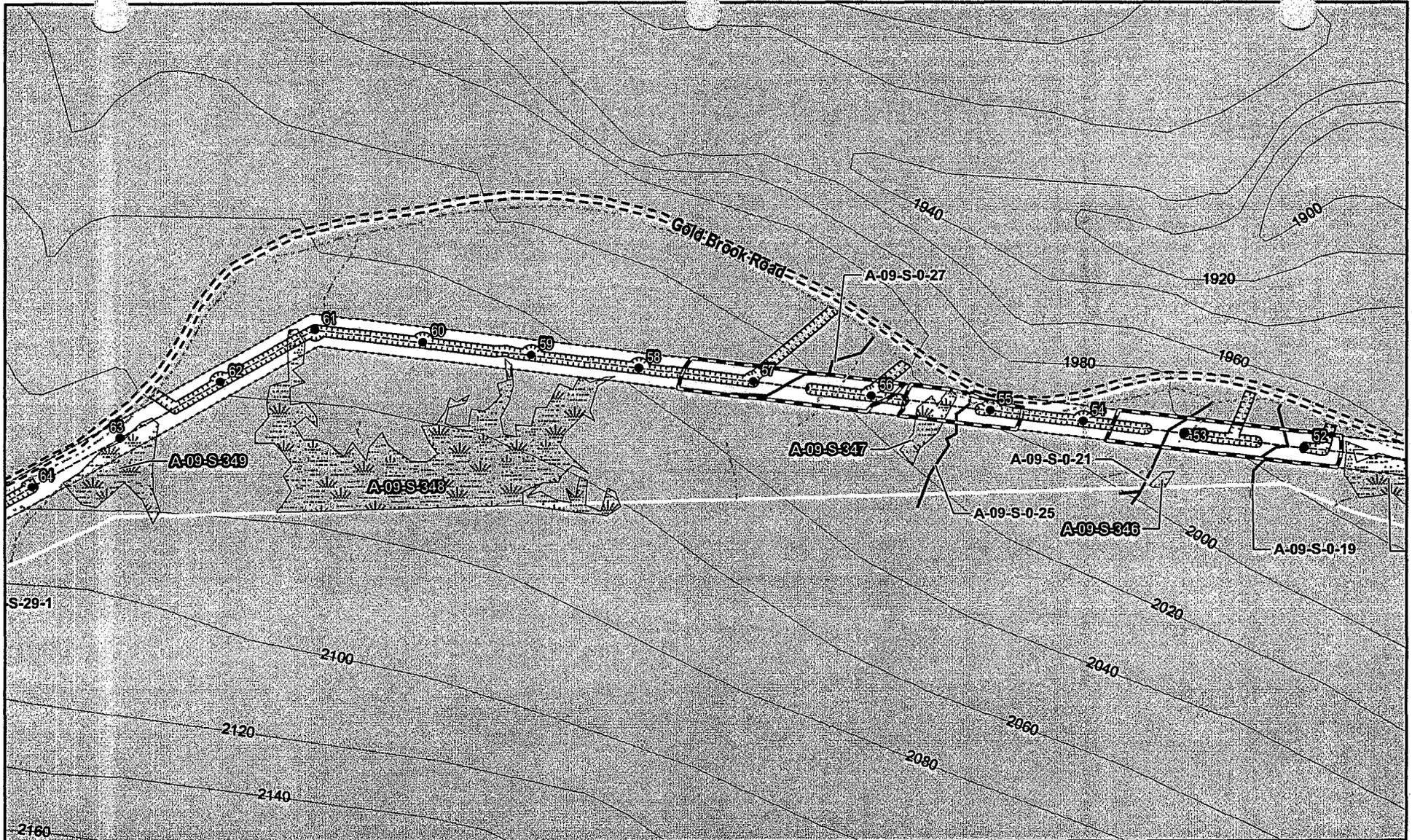




Kibby Expansion Wind Power Project

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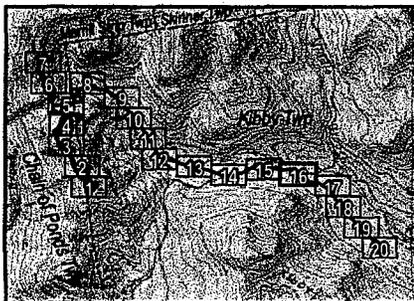
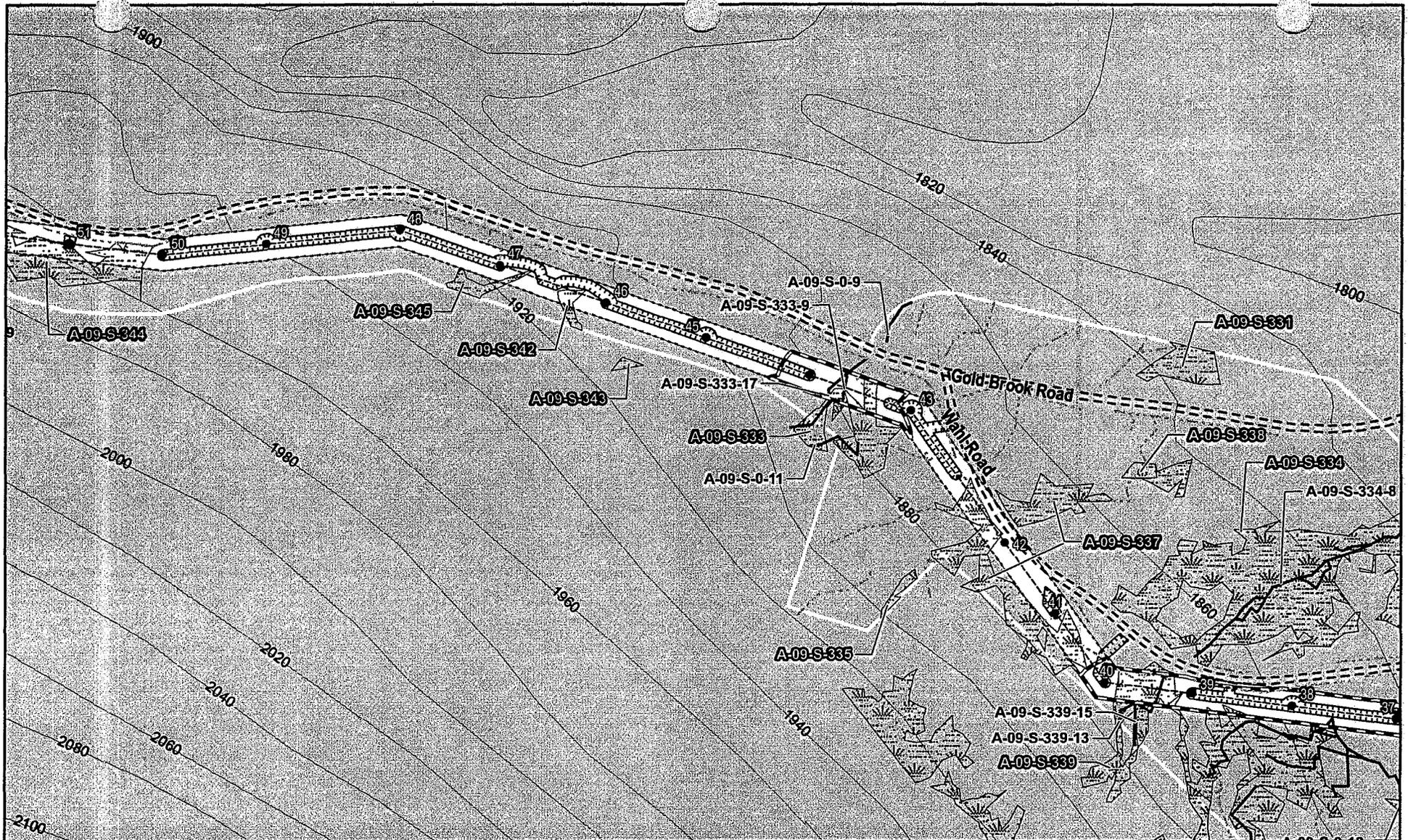




Kibby Expansion Wind Power Project

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Source: USGS, Maine OGIS, TRC

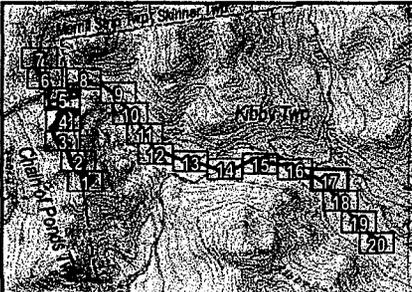
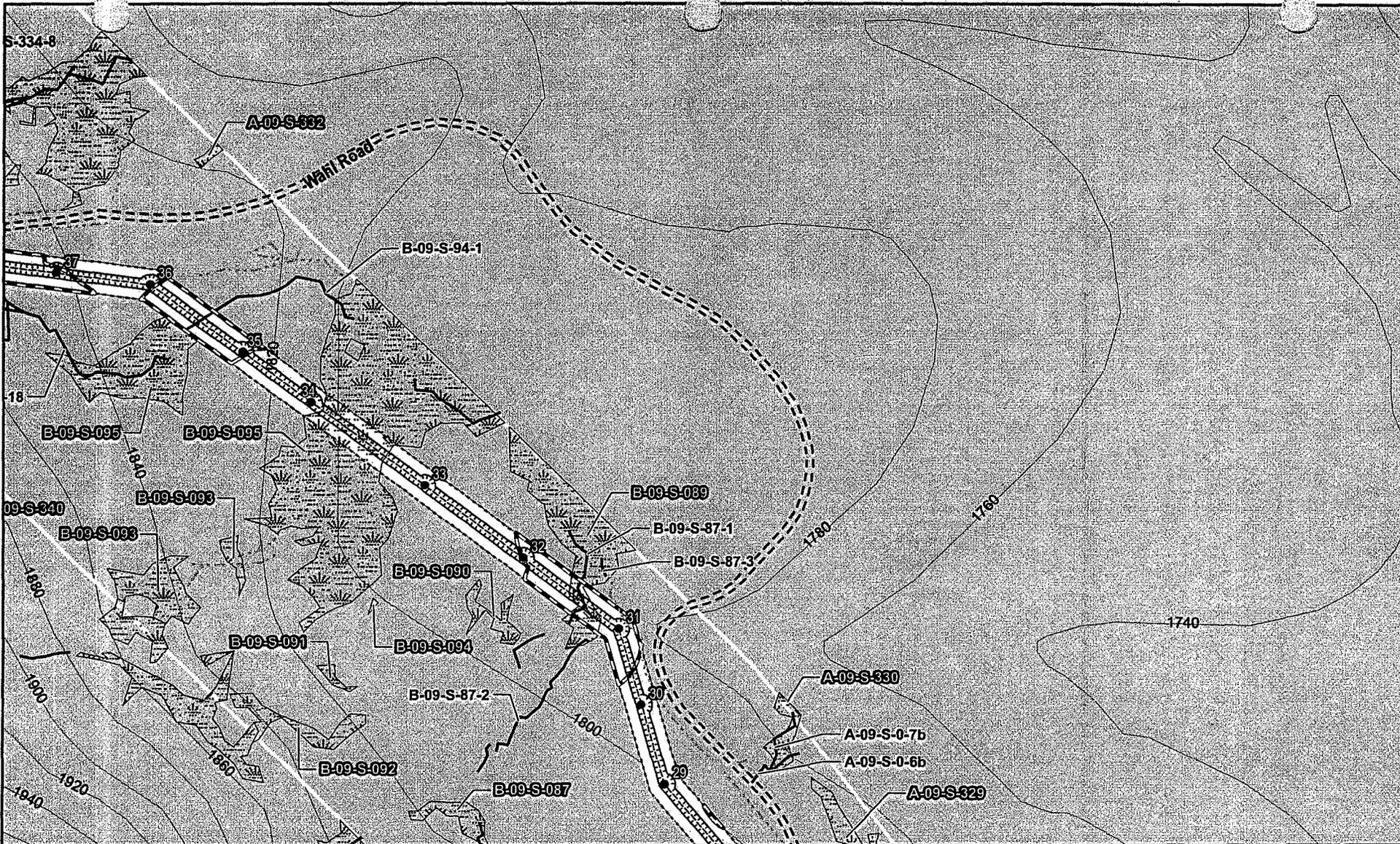
Kibby Expansion Wind Power Project

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14 Gabriel Drive
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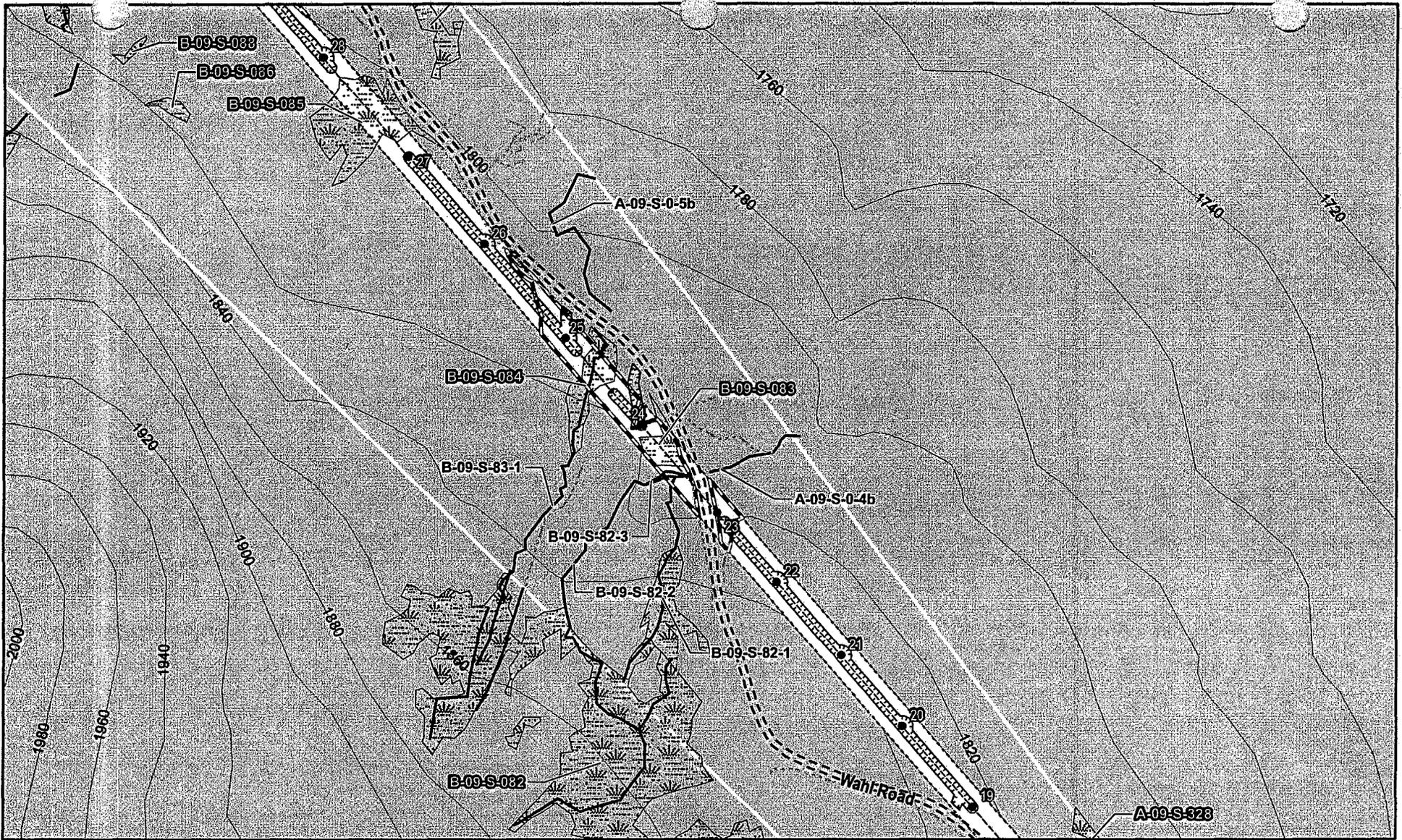
Proposed Turbine Locations	Turbine Pad	Project Footprint Development Type
Streams	Substation Area	Collector
Non-Jurisdictional Drainages	Project Access	Grading
Wetlands	Collector Corridor	Temporary
Wetland Survey Limits	Proposed Collector Structure Locations	Proposed Development within 100' Riparian Zone
Proposed 34.5kV Collector Transmission Line	Existing Transmission Line	Existing Road
Construction Access Corridor	Contour (20ft)	

Source: USGS, Maine DGIS, TRC

Kibby Expansion Wind Power Project

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Kibby Expansion Wind Power Project

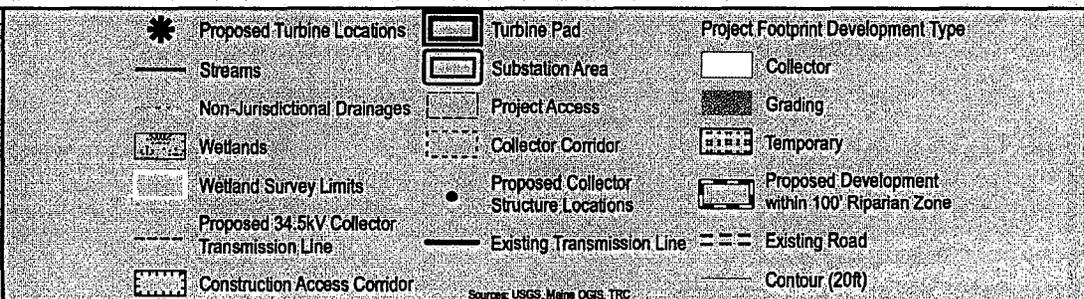
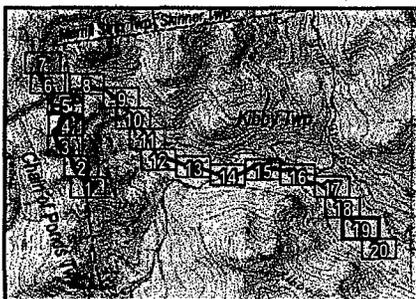
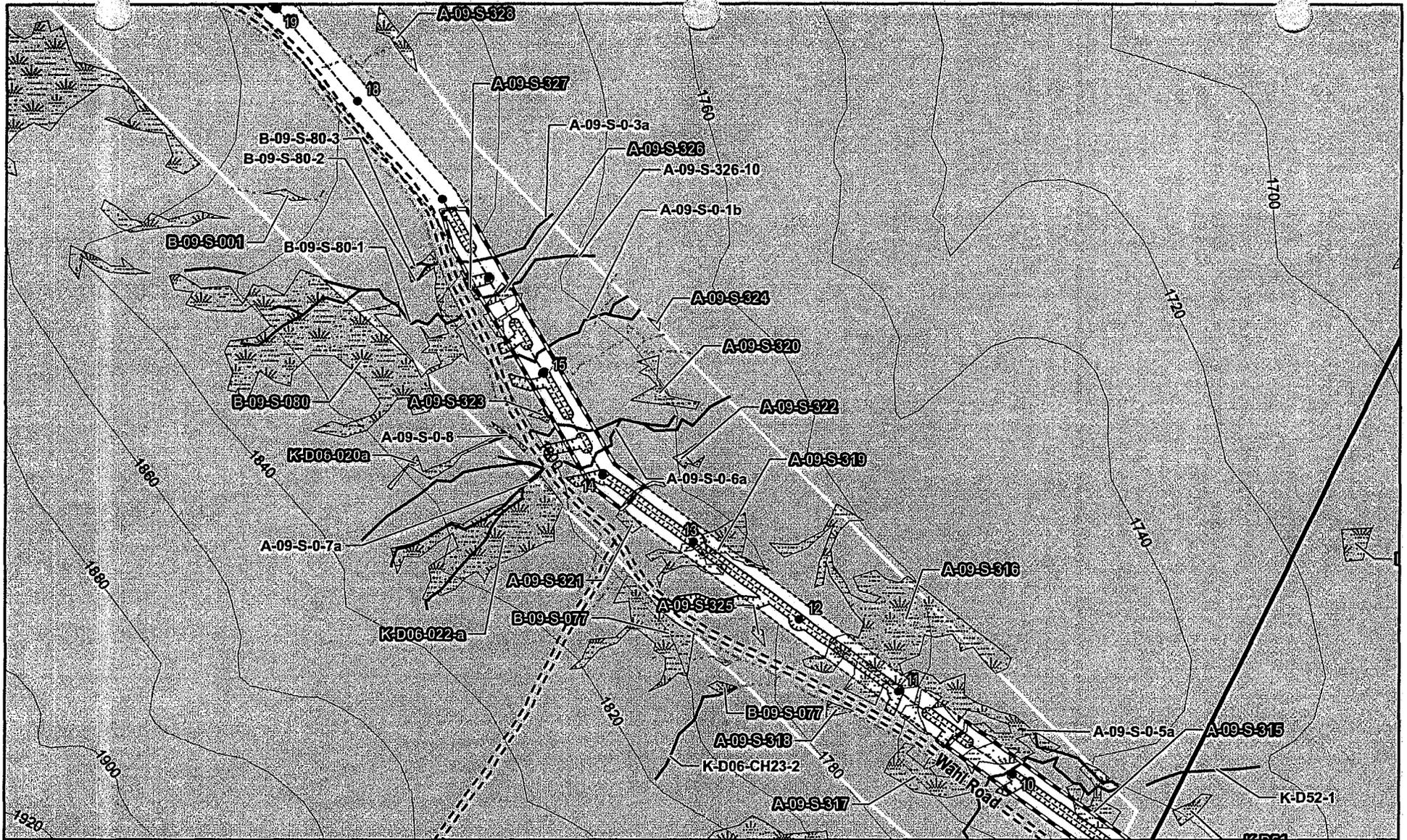
Wetland Figure	Page 18 of 20
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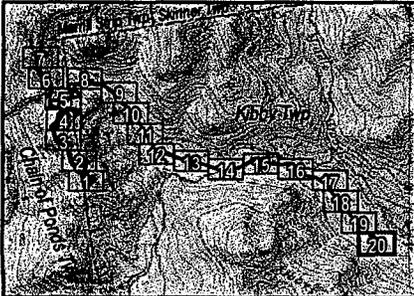
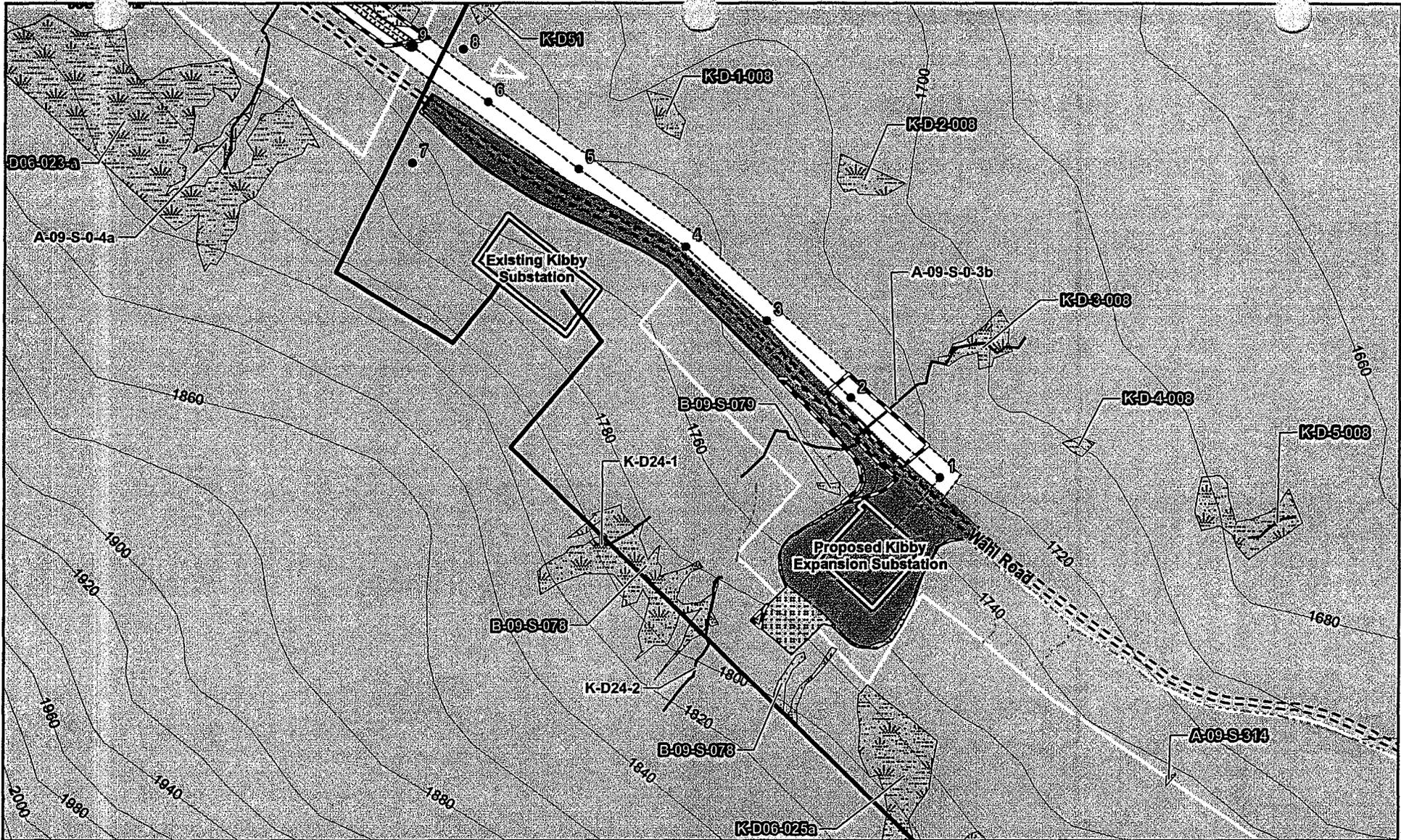
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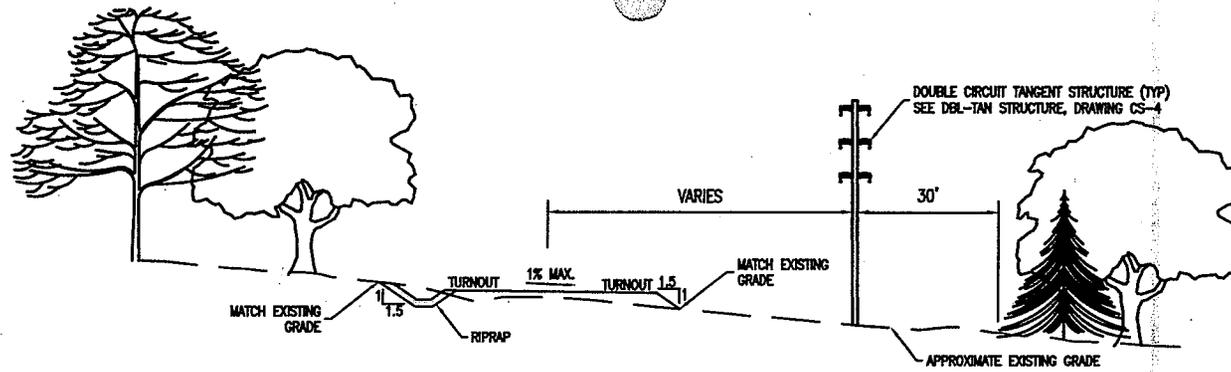
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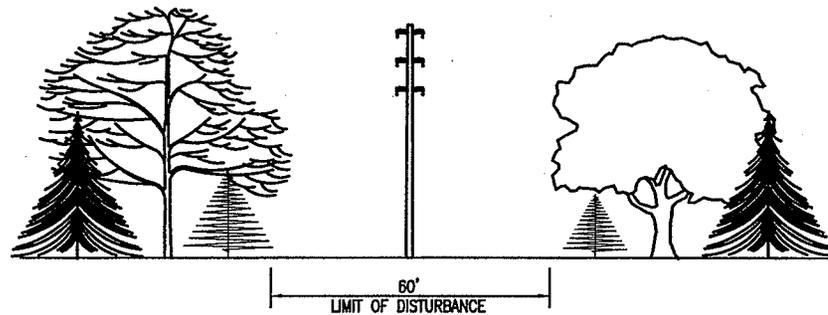
Kibby Expansion
 Wind Power Project

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14 Gabriel Drive Augusta, ME 04330 Created 1/12/2010	

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TYP. ACCESS ROAD SECTION
NOT TO SCALE



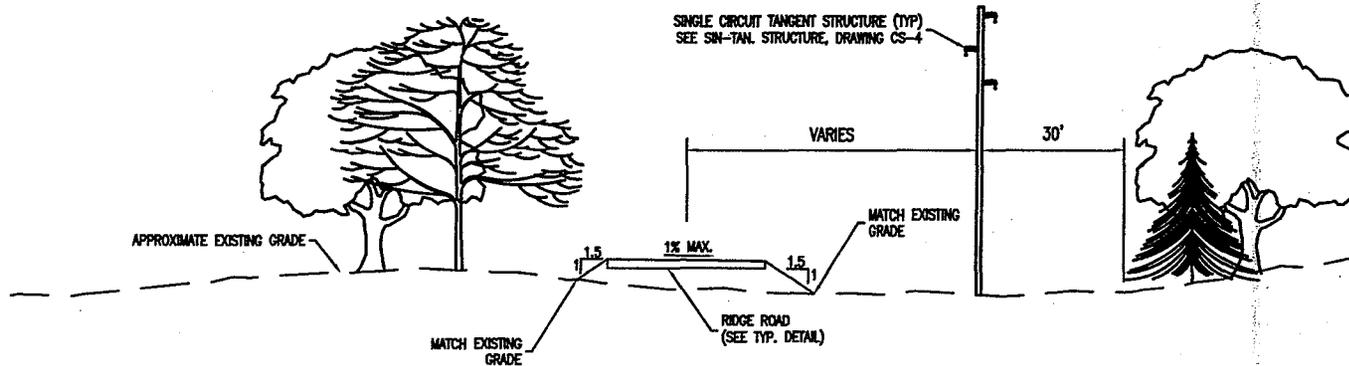
TYP. CROSS-COUNTRY COLLECTOR ROW CROSS-SECTION
NOT TO SCALE

NOTES:

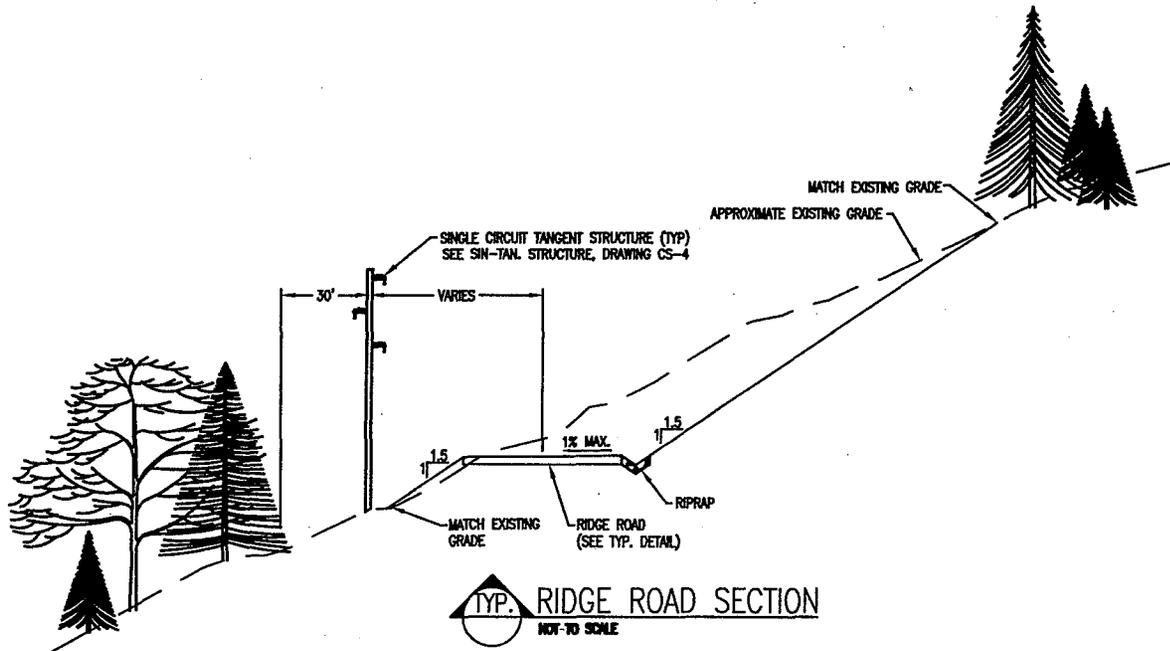
- SEE DRAWING C-2 FOR PROJECT NOTES, LEGEND, AND ABBREVIATIONS.
- SEE DRAWING C-3 FOR OVERALL PROJECT MAP AND OVERALL PROJECT DRAWING INDEX.

NOT FOR CONSTRUCTION

NO.	REVISION	DATE	BY	CK	P.E. DESIGNED BY	P.E. No.	CLIENT APPROVAL	DESIGNED	ROAD AND COLLECTOR CORRIDOR CROSS-SECTIONS			
								DRAWN	ARMY CORPS APPLICATION NAE-2009-00892			REVIEWED
								CHECKED	TRANSCANADA			
								CORPORATE	KIBBY EXPANSION WIND POWER PROJECT			
								DATE	CHAIN OF PONDS & KIBBY TOWNSHIPS MAINE			
								249 WESTERN AVENUE AUGUSTA, ME 04330 PROJECT NO: 170019 SCALE: AS NOTED DATE: 10-28-09				
									SHEET 1			REV.



TYP. RIDGE ROAD SECTION
NOT TO SCALE



TYP. RIDGE ROAD SECTION
NOT TO SCALE

NOTES:

- SEE DRAWING G-2 FOR PROJECT NOTES, LEGEND, AND ABBREVIATIONS.
- SEE DRAWING G-3 FOR OVERALL PROJECT MAP AND OVERALL PROJECT DRAWING INDEX.

NOT FOR CONSTRUCTION

NO.	REVISION	DATE	BY	CK	P.E. APPROVED	P.E. No.

CLIENT APPROVAL	DESIGNED
	DRAWN
	CHECKED
	APPROVED
APPROVED BY	REVIEWED
COMPANY	
DATE	

ROAD AND COLLECTOR CORRIDOR CROSS-SECTIONS
 ARMY CORPS APPLICATION NAE-2009-00892
 TRANSCANADA
 KIBBY EXPANSION WIND POWER PROJECT
 CHAIN OF PONDS & KIBBY TOWNSHIPS MAINE

TRC 249 WESTERN AVENUE
 AUGUSTA, ME 04330
 PROJECT NO: 170019
 SCALE: AS NOTED DATE: 10-26-09

SHEET 2

REV.

**Summary of Wetland Impacts Associated with the Kibby Expansion Project
by Cowardin Classification**

Crane Path and Turbine Development		
	Permanent Fill Impacts	Clearing Impacts (Temporary/Will be Allowed to Revegetate Fully)
PEM	0.02 acres (880 square feet)	<0.01 acres (347 square feet)
PSS	<0.01 acres (336 square ft)	<0.01 acres (30 square ft)
PFO	0.05 acres (2,288 square ft)	0.04 acres (1,661 square ft)
Streams	0.0 acres (0 square ft)	--
Subtotal	0.08 acres (3,504 square ft)	0.05 acres (2,038 square ft)
Access Road		
	Permanent Fill Impacts	Clearing Impacts (Temporary/Will be Allowed to Revegetate Fully)
PEM	0.52 acres (22,500 square ft)	0.01 acres (618 square ft)
PSS	<0.01 acres (78 square ft)	--
PFO	0.13 acres (6,997 square ft)	0.03 acres (1,112 square ft)
Streams	0.02 acres (957 square ft)	--
Subtotal	0.70 acres (30,532 square ft)	0.04 acres (1,730 square ft)
Collector line		
	Permanent Fill Impacts	Clearing Impacts (Permanent/Will be Maintained in a Herbaceous or Scrub Shrub State)
PEM		1.35 acres (58,863 square ft)
PSS		1.39 acres (60,482 square ft)
PFO		0.75 acres (32,683 square ft)
Subtotal	0.0 acres (0 square ft)	3.49 acres (152,028 square ft)
Grand Total	0.78 acres (34,036 square ft)	0.08 acres (3,768 square ft) Temporary Clearing Impacts and 3.49 acres (152,028 square ft.) of Permanent Clearing Impacts

Kibby Expansion Wind Power Project

IMPACT TABLE

Revised 5-3-10



14 Gabriel Drive
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5/3/2010