



US Army Corps
of Engineers
St Paul District

APPLICANT: Bad River Band of Lake
Superior Chippewa
Indians

Public Notice

ISSUED: 28-FEB-2013
EXPIRES: 30-MAR-2013

REFER TO: 2011-01936-WMS

SECTION:404 - Clean Water Act

1. APPLICATION FOR PERMIT TO discharge fill material on the bed of unnamed tributaries to Denomie Creek, Sugarbush Creek and the Bad River, and into 7.23 acres of wetlands for the reconstruction of eight miles of Pine Flats Road.

2. SPECIFIC INFORMATION.

APPLICANT'S ADDRESS: P.O. Box 39
Odanah, Wisconsin 54861

PROJECT LOCATION: The project site begins at the intersection of Dock Road and ends at the intersection of Birch Hill and Falls Roads. The project is in Section 31, T. 48N., R. 2W., and Sections 6,7, 8, 16, 17, 20, 21, 28 & 33, T. 47N., R. 2W., Ashland County, Wisconsin. The approximate UTM coordinates are Zone 15, beginning at North 5162983, East 678700, and ending at North 5153689, East 682364.

DESCRIPTION OF PROJECT: The project involves the reconstruction of 8 miles of Pine Flats Road by raising and widening the road bed to 26-foot top width with 3:1 side-slopes, replacing culverts, and clearing within the road right-of-way to improve visibility and increase solar exposure. The existing gravel road varies in width from 16 to 20 feet and floods regularly due to its low profile and failing culverts.

QUANTITY, TYPE, AND AREA OF FILL: The proposed project would result in the cumulative loss of 7.23 acres of wetlands in 25 locations. The wetland impacts by wetland type include 0.35-acre of emergent wetlands, 4.61 acres of deciduous forested wetlands, 0.08-acre of coniferous forested wetlands and 2.18 acres of scrub-shrub wetlands. The project would also involve cutting and mowing woody vegetation in an additional 10.35 acres of forested and scrub-shrub wetlands within the road right-of-way.

SOURCE OF FILL MATERIAL: Fill material would be obtained from local commercial sources selected by the construction contractor.

SURROUNDING LAND USE: The project site is located in rural lands within the exterior boundaries of the Bad River Indian reservation.

THE FOLLOWING POTENTIALLY TOXIC MATERIALS COULD BE USED AT THE PROJECT SITE: Fuel, hydraulic fluid, lubricants, coolant, and other fluids commonly used by construction equipment would be expected to be present for construction of the project.

THE FOLLOWING PRECAUTIONS TO PROTECT WATER QUALITY HAVE BEEN DESCRIBED BY THE APPLICANT: The applicant would implement measures to protect water quality during and immediately after construction. Such measures include installing silt fence, erosion mat, erosion bales, ditch checks and seeding and mulching.

MITIGATION: The applicant proposes to compensate for the permanent loss of 7.23 acres of wetland and clearing woody vegetation in an additional 10.35 acres of forested and scrub-shrub wetlands by preserving 110.45 acres of wetlands and 1.34 miles of shore along the Bad River located within a 306-acre parcel in perpetuity. The 306-acre site proposed for preservation is owned by the Bad River Band of Lake Superior Chippewa Indians and is located in Section 23, T. 47N., R. 3W., Ashland County, Wisconsin.

3. REPLIES/COMMENTS.

Interested parties are invited to submit to this office written facts, arguments, or objections within 30 days of the date of this notice. These statements should bear upon the suitability of the location and the adequacy of the project and should, if appropriate, suggest any changes believed to be desirable. Comments received may be forwarded to the applicant.

Replies may be addressed to Regulatory Branch, St. Paul District, Corps of Engineers, 15954 Rivers Edge Drive, Suite 240, Hayward, Wisconsin, 54843.

Or, IF YOU HAVE QUESTIONS ABOUT THE PROJECT, call Bill Sande at the Hayward office of the Corps, telephone number (715) 934 -2170.

To receive Public Notices by e-mail, go to: http://www2.mvp.usace.army.mil/list_server/ and add your information in the New Registration Box.

4. FEDERALLY-LISTED THREATENED OR ENDANGERED WILDLIFE OR PLANTS OR THEIR CRITICAL HABITAT.

None were identified by the applicant or are known to exist in the permit area. However, Ashland County is within the known or historic range of the following Federally-listed threatened (T) and endangered (E) species:

<u>Species</u>	<u>Habitat</u>
Canada Lynx (T)	While no resident populations are known from Wisconsin, the species occasionally occurs in northern forested areas, and counties listed are those with the highest likelihood of occurrence.
Piping Plover (E)	Sandy beaches; bare alluvial and dredge spoil Islands.

This application is being coordinated with the U.S. Fish and Wildlife Service. Any comments it may have concerning Federally-listed threatened or endangered wildlife or plants or their critical habitat will be considered in our final assessment of the described work.

5. JURISDICTION.

This application is being reviewed in accordance with the practices for documenting Corps jurisdiction under Sections 9 & 10 of the Rivers and Harbors Act of 1899 and Section 404 of the Clean Water Act identified in Regulatory Guidance Letter 08-02. We have made an initial determination that the aquatic resources that would be impacted by the proposed project are regulated by the Corps of Engineers under Section 404 of the Clean Water Act and/or Section(s) 9 & 10 of the Rivers and Harbors Act. The Corps will prepare an approved or preliminary jurisdictional determination prior to making a permit decision. Approved jurisdictional determinations are posted on the St. Paul District web page at <http://www.mvp.usace.army.mil/Missions/Regulatory.aspx>.

THE APPLICANT HAS STATED THAT THE FOLLOWING STATE, COUNTY, AND/OR LOCAL PERMITS HAVE BEEN APPLIED FOR/ISSUED: N/A

6. STATE SECTION 401 WATER QUALITY CERTIFICATION. This Public Notice has been sent to the U.S. Environmental Protection Agency and is considered by the District Engineer to constitute valid notification to that agency for water quality certification. A permit will not be granted until the U.S. Environmental Protection Agency has issued Section 401 certification.

7. HISTORICAL/ARCHAEOLOGICAL. The latest versions of the National Register of Historic Places (Register) and the Wisconsin Historic Preservation Database (WHPD) have been consulted and no listed properties (known to be eligible for inclusion or included in the Register) are located within, or adjacent to the project area. This public notice is being sent to the Bad River Tribal Historic Preservation Office (THPO) for their comments.

8. PUBLIC HEARING REQUESTS.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, in detail, the reasons for holding a public hearing. A request may be denied if substantive reasons for holding a hearing are not provided or if there is otherwise no valid interest to be served.

9. PUBLIC INTEREST REVIEW.

The decision whether to issue a permit will be based on an evaluation of the probable impact, including cumulative impacts, 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 reasonably may be expected to 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. Among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality,

energy needs, safety, food and fiber production and, in general, the needs and welfare of the people. Environmental and other documents will be available for review in the St. Paul District Office.

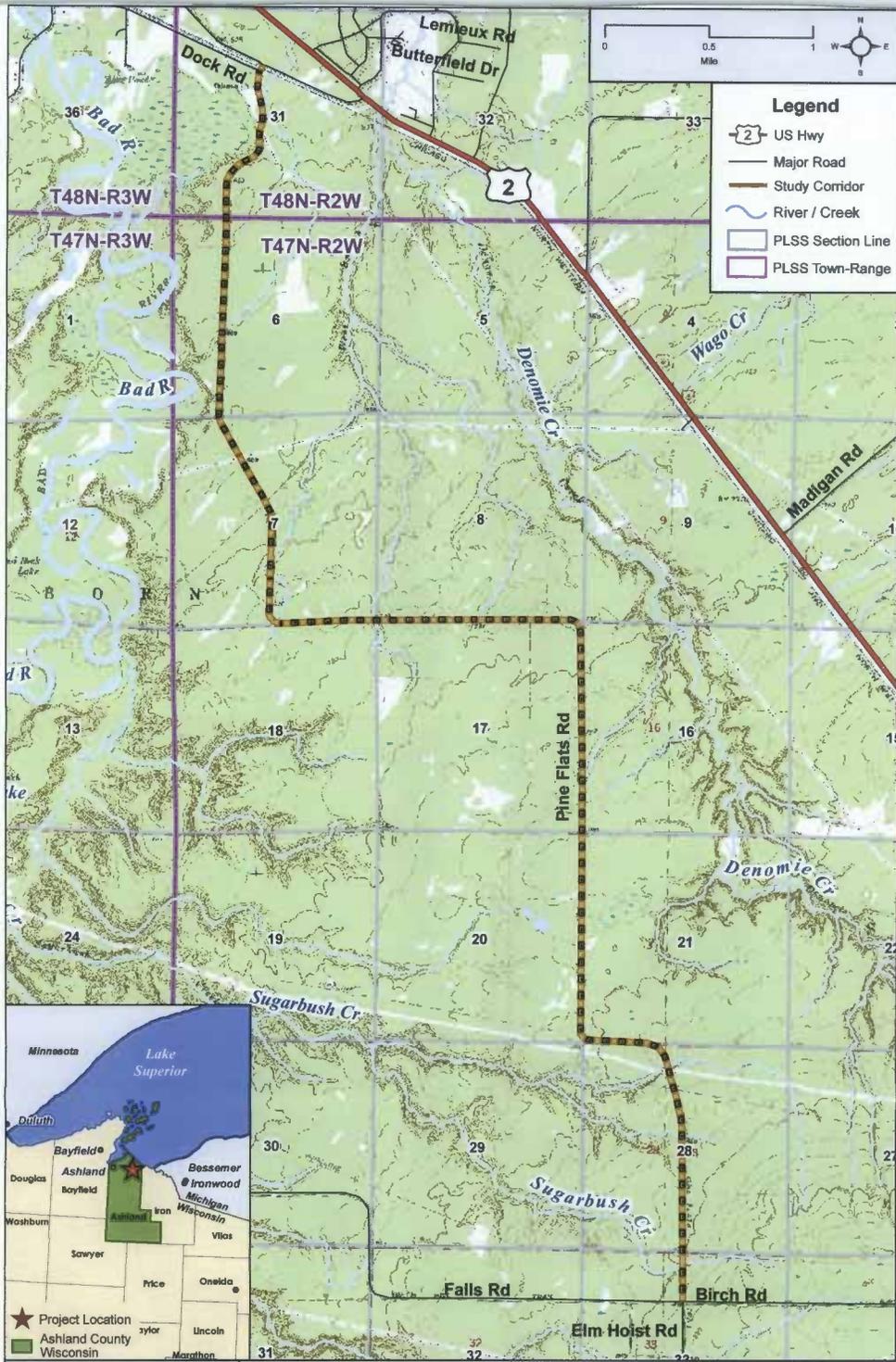
The Corps of Engineers is soliciting comments from the public; Federal, State, and local agencies and officials; Indian tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine 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.

10. COASTAL ZONE MANAGEMENT. The Wisconsin Coastal Management Program (WCMP) in the Department of Administration is inviting public comment regarding this project. The WCMP may conduct a Federal consistency review to verify that the project will comply with State policies in Wisconsin's coastal zone. Further information may be obtained from the Federal Consistency Coordinator at: Wisconsin Coastal Management Program, P.O. Box 7868, Madison, WI 53707-7868; (608) 266-8234. Any comments on whether or not this proposed project complies with the State enforceable policies should be received within 30 days by the Federal Consistency Coordinator.

Tamara E. Cameron
Chief, Regulatory Branch

Enclosures

NOTICE TO EDITORS: This public notice is provided as background information and is not a request or contract for publication.




COLEMAN ENGINEERING COMPANY
 635 CIRCLE DRIVE - POON MOUNTAIN, MICHIGAN 49881 (855) 774-3440
 200 EAST AYER STREET - FISHWOOD, MICHIGAN 49828 (800) 822-6946
 Web: www.coleman-engineering.com
 Email: info@coleman-engineering.com

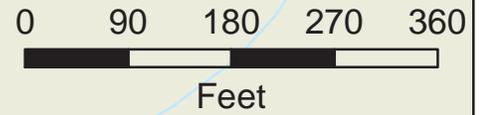
FIGURE 1: SITE LOCATION MAP
WETLAND DELINEATION - PINE FLATS ROAD
BAD RIVER BAND OF CHIPPEWA INDIANS

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Pine Flats Road Reconstruction

CAD Plan Drawings with Wetland Delineation (Page 1)

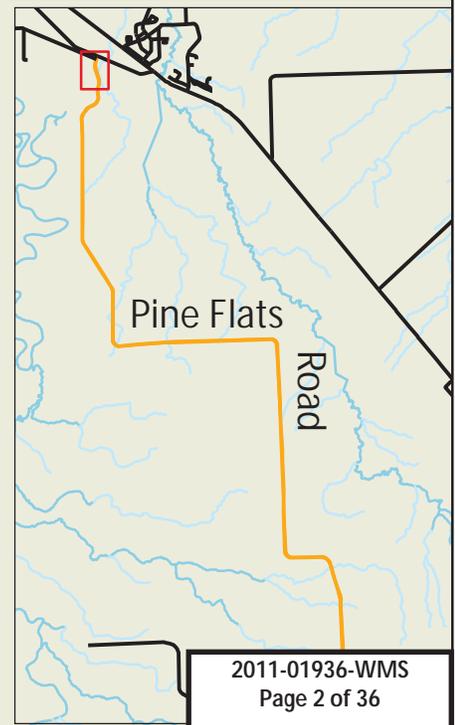


- Reservation
- Pine Flats Rd Project Details***
 - Station Lines
 - Proposed Centerline
 - Proposed Edge of Road
 - Proposed Edge of Road
 - Proposed Right-of-Way
 - Pine Flats CAD Plan Culverts
 - Delineated Wetlands
 - Wetland Shapes Filled**
- Reservation Roads**
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- Utility Right-of-Ways**
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 - Powerline
- Reservation Waters**
 - Lakes, ponds, etc.
 - Intermittant Watercourse
 - Perennial Watercourse

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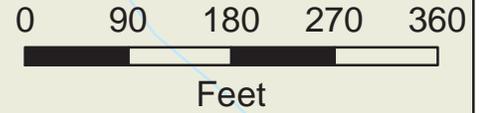
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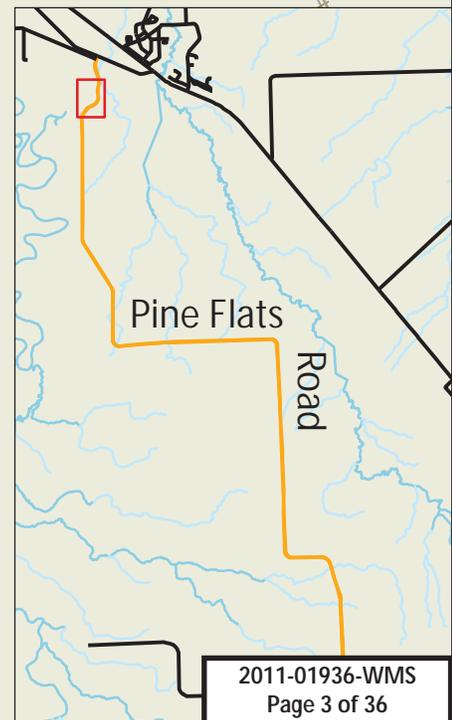
Pine Flats Road Reconstruction

CAD Plan Drawings with Wetland Delineation (Page 2)



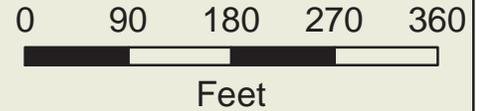
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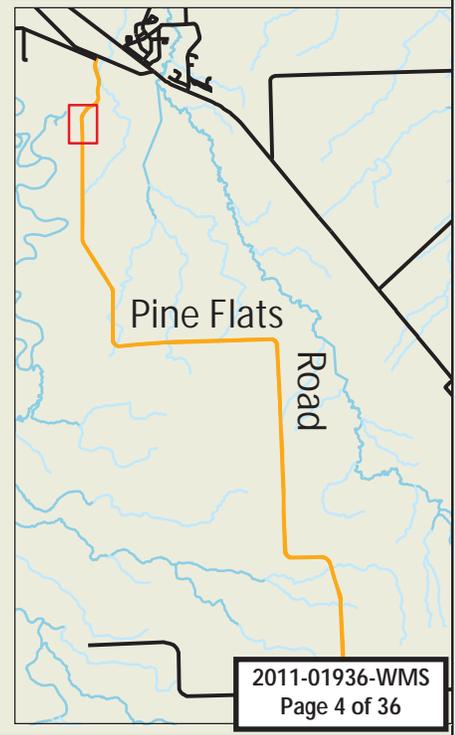


Pine Flats Road Reconstruction

CAD Plan Drawings with Wetland Delineation (Page 3)



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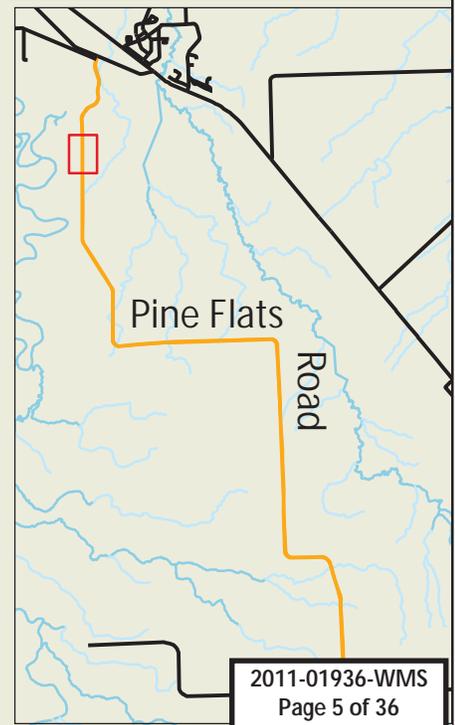
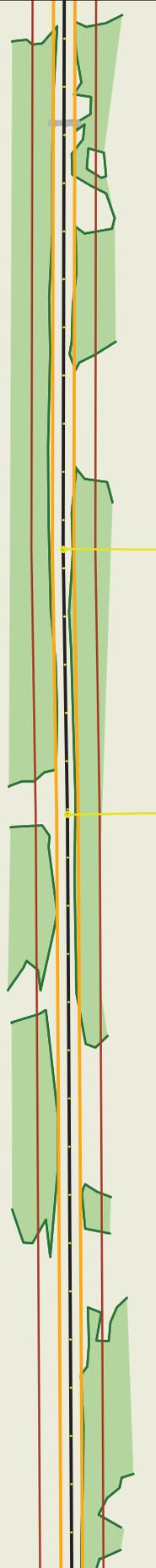
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Pine Flats Road Reconstruction

CAD Plan Drawings with Wetland Delineation (Page 4)



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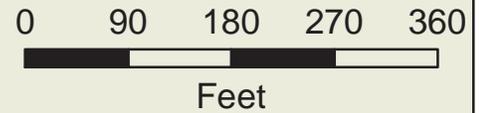
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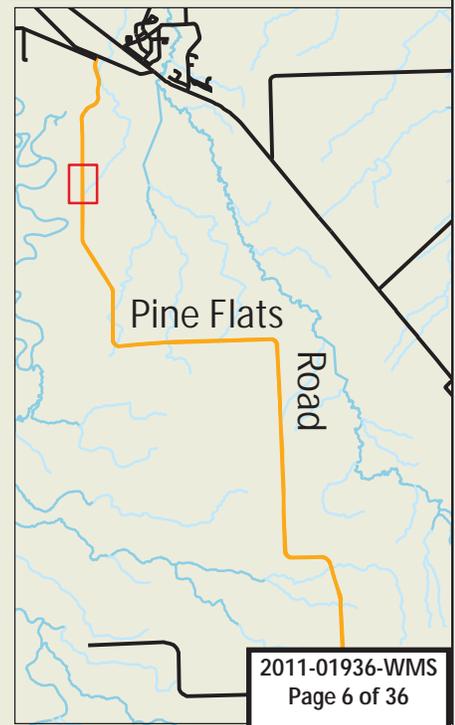


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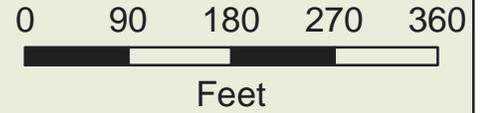
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CAD Plan Drawings with Wetland Delineation (Page 6)



Reservation

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Reservation Roads

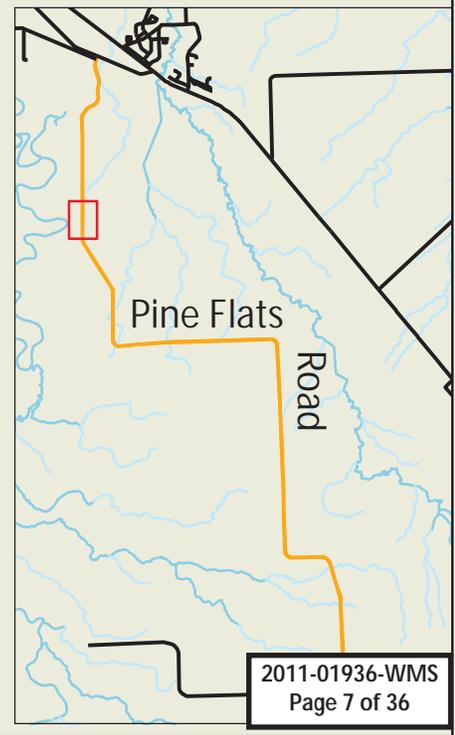
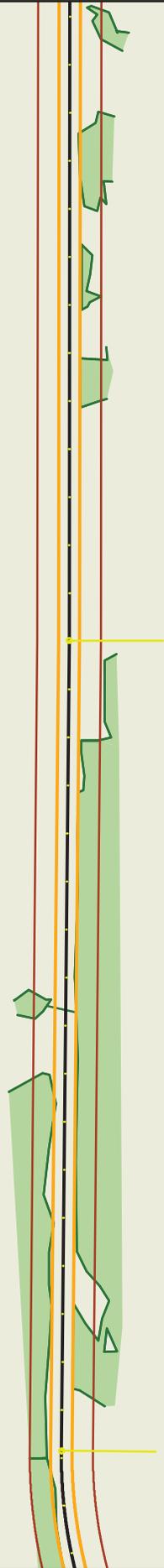
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Utility Right-of-Ways

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Reservation Waters

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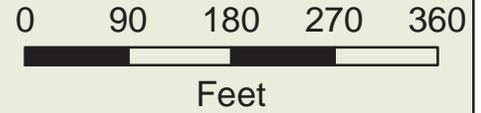
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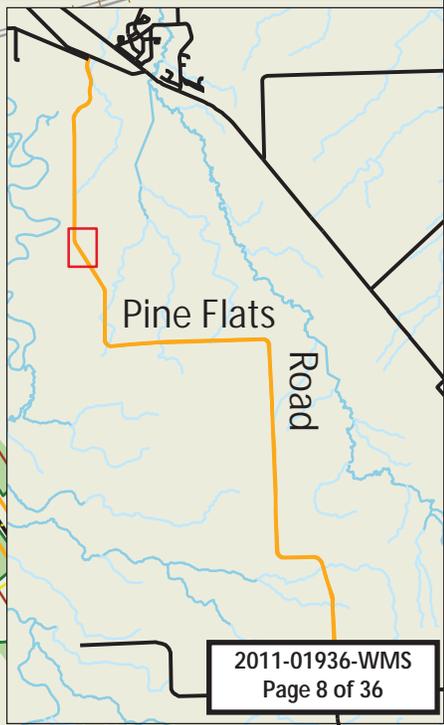
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Pine Flats Road Reconstruction

CAD Plan Drawings with Wetland Delineation (Page 7)



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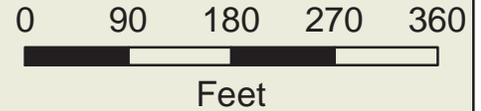
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Pine Flats Road Reconstruction

CAD Plan Drawings with Wetland Delineation (Page 8)



Reservation

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Reservation Roads

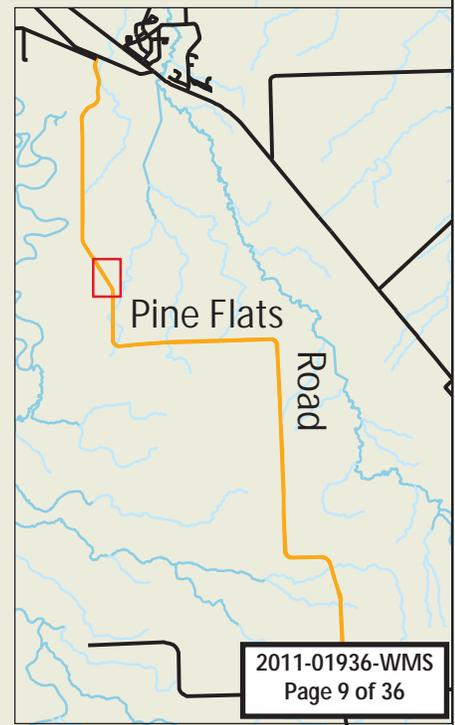
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Reservation Waters

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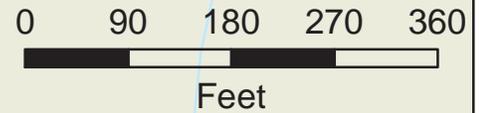
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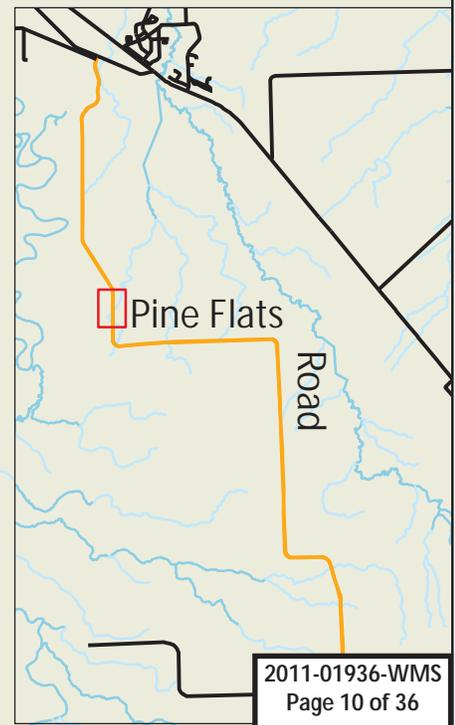
Pine Flats Road Reconstruction

CAD Plan Drawings with Wetland Delineation (Page 9)



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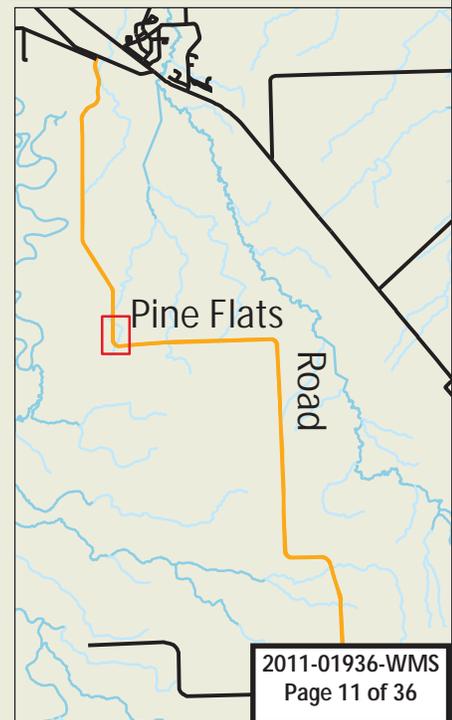
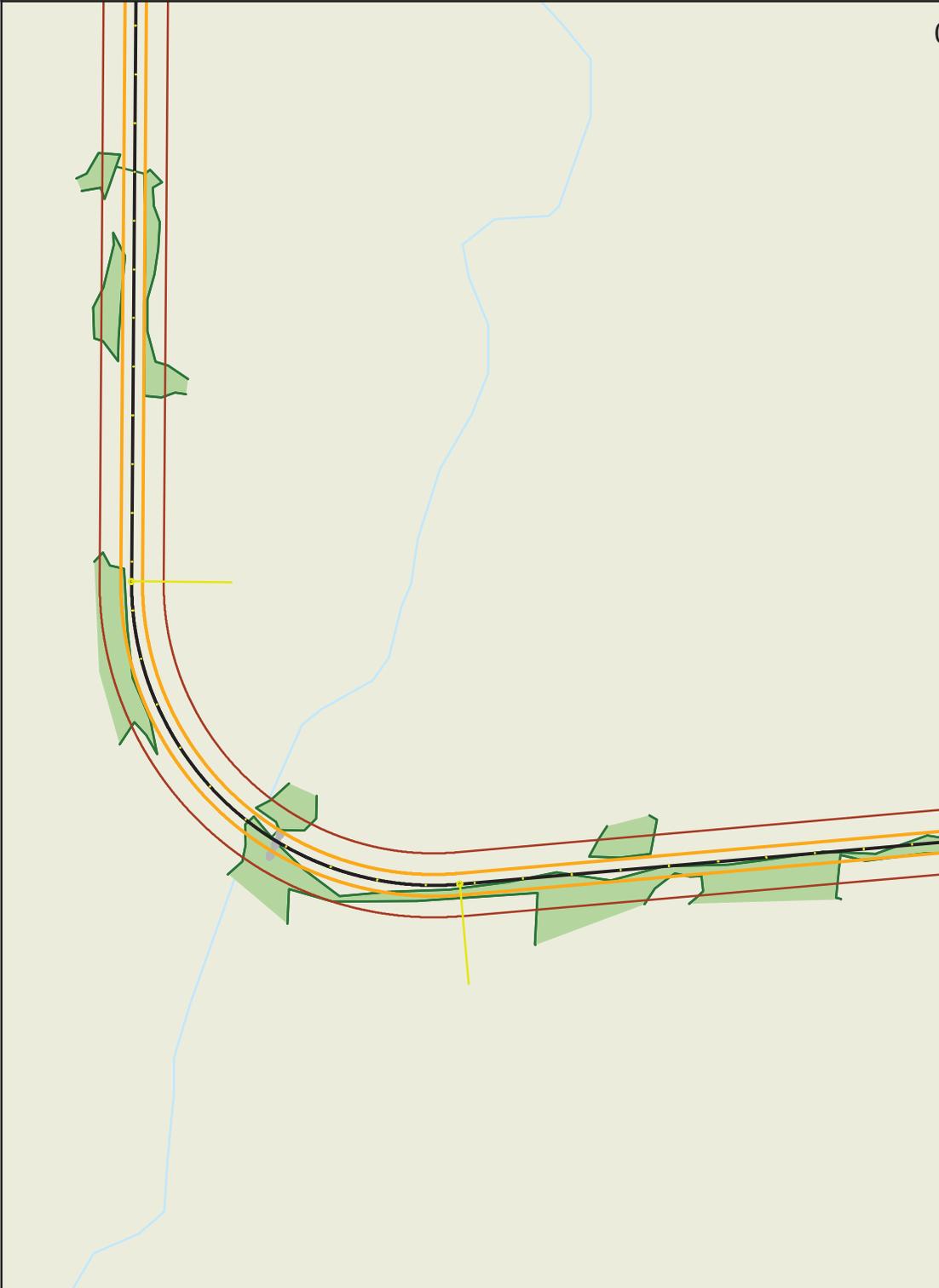


Pine Flats Road Reconstruction

CAD Plan Drawings with Wetland Delineation (Page 10)



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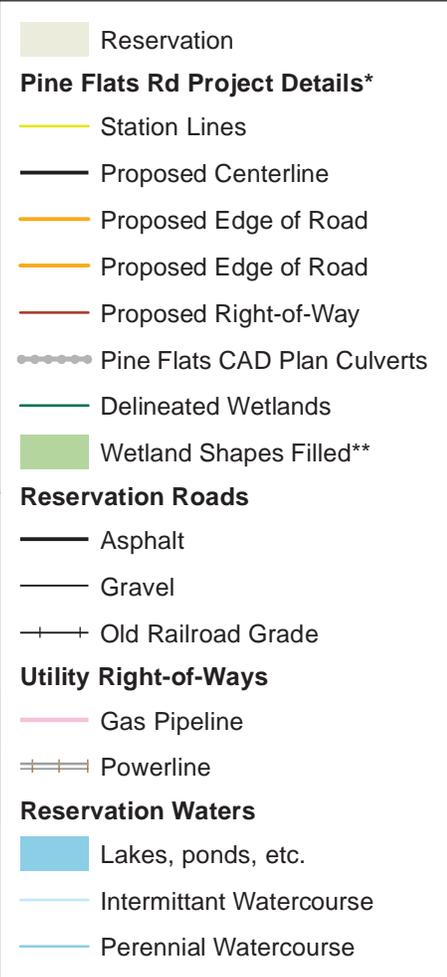
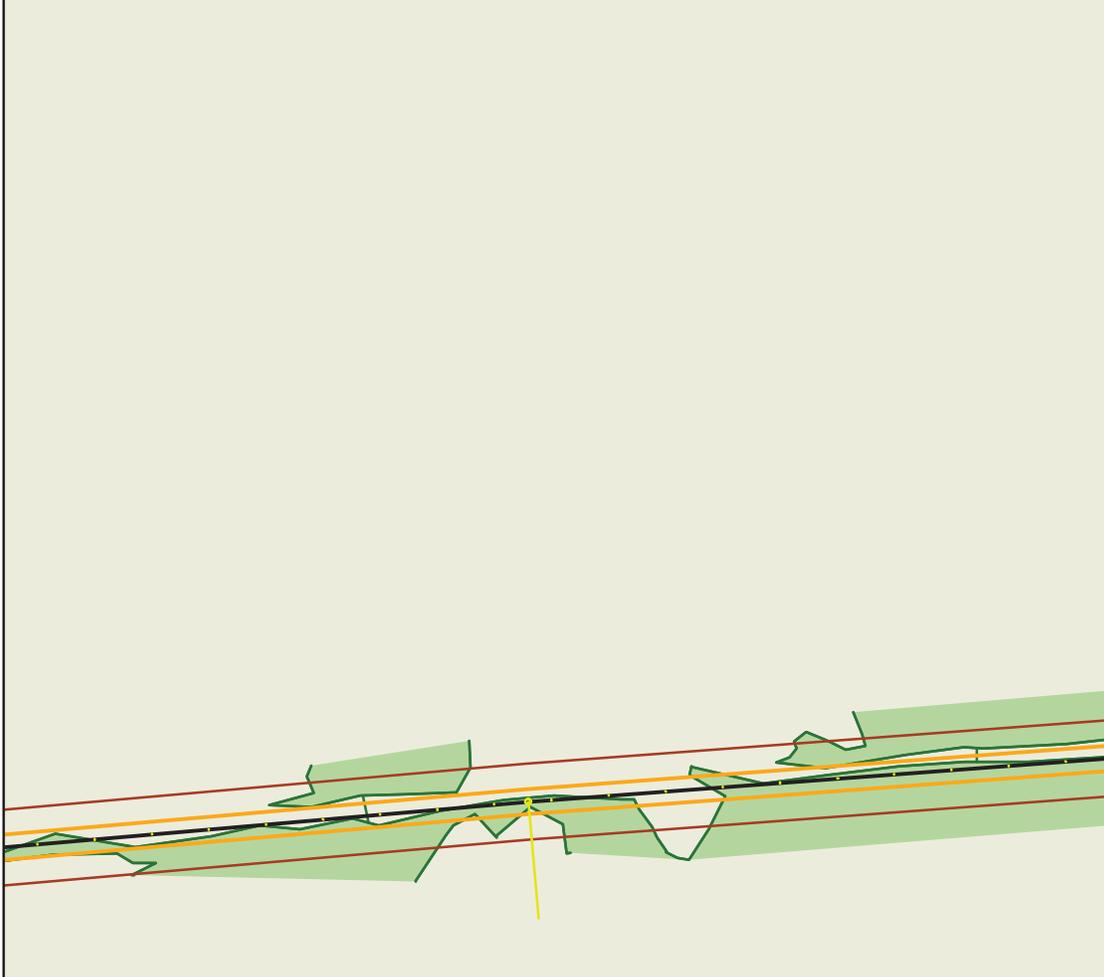
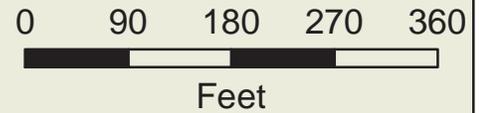
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Pine Flats Road Reconstruction

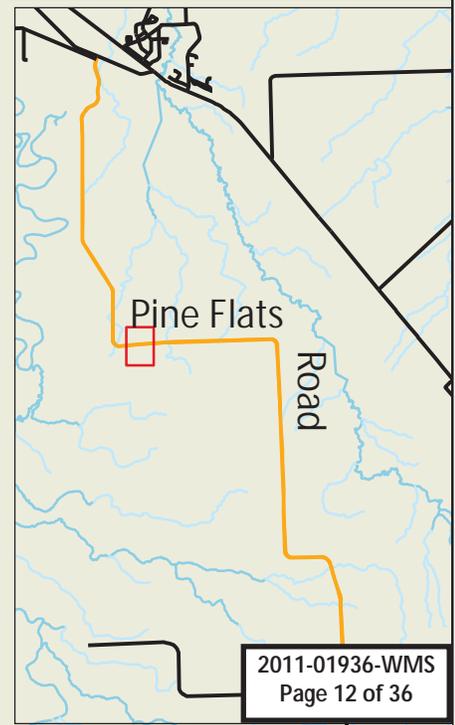
CAD Plan Drawings with Wetland Delineation (Page 11)



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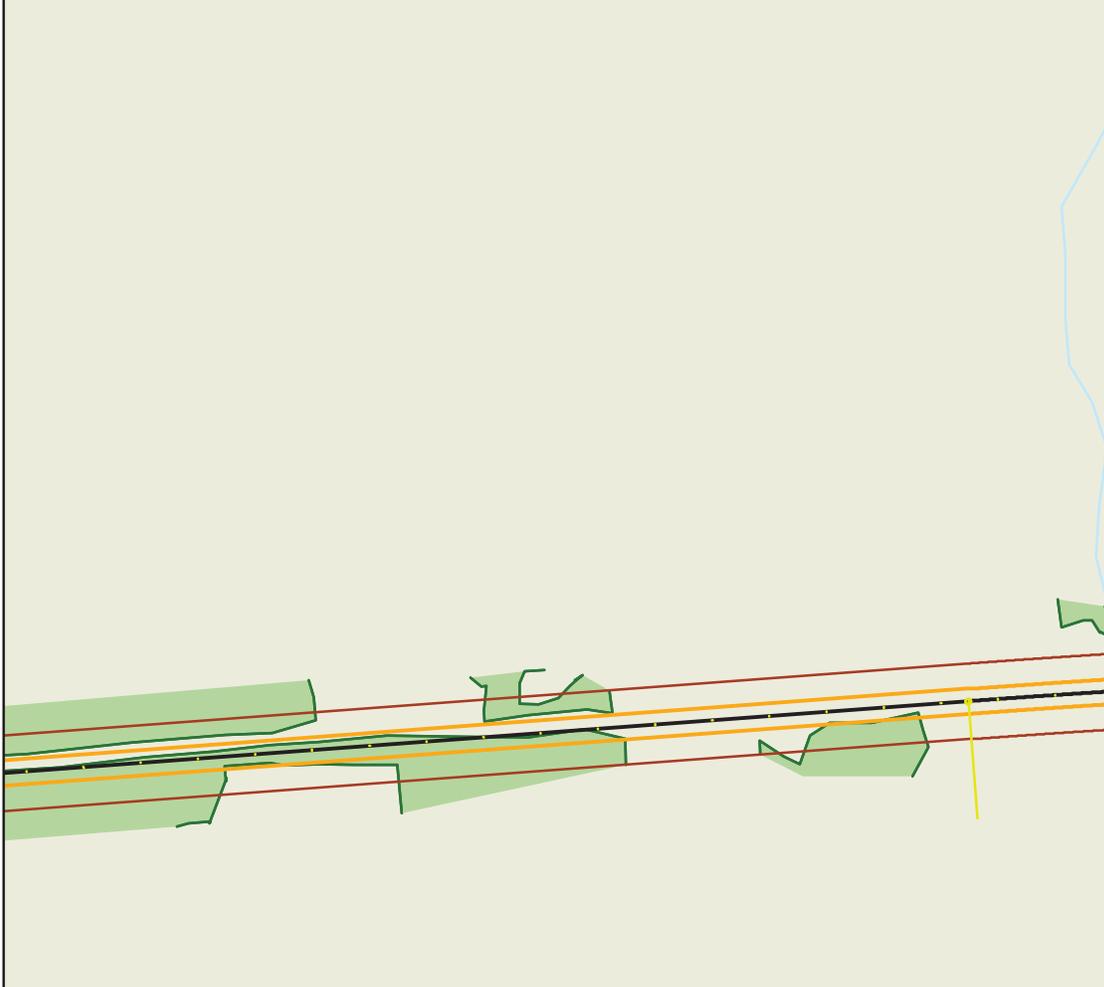
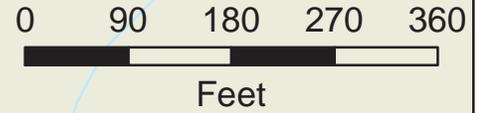
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Pine Flats Road Reconstruction

CAD Plan Drawings with Wetland Delineation (Page 12)



Reservation

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Reservation Roads

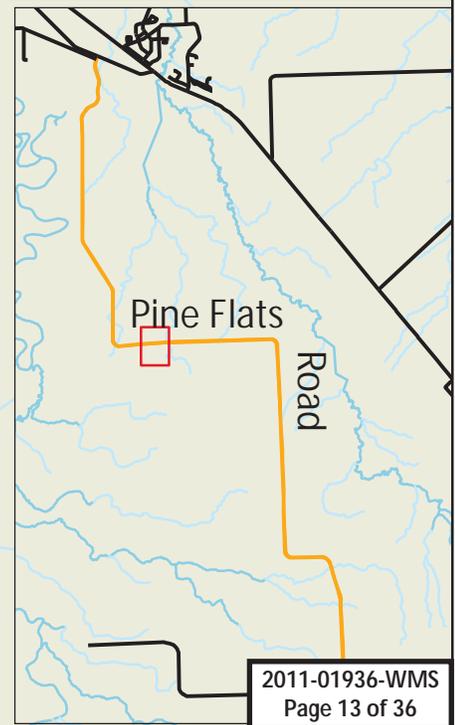
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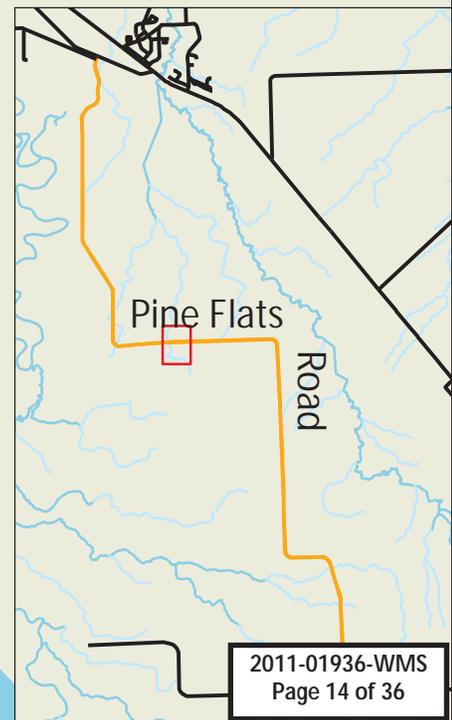
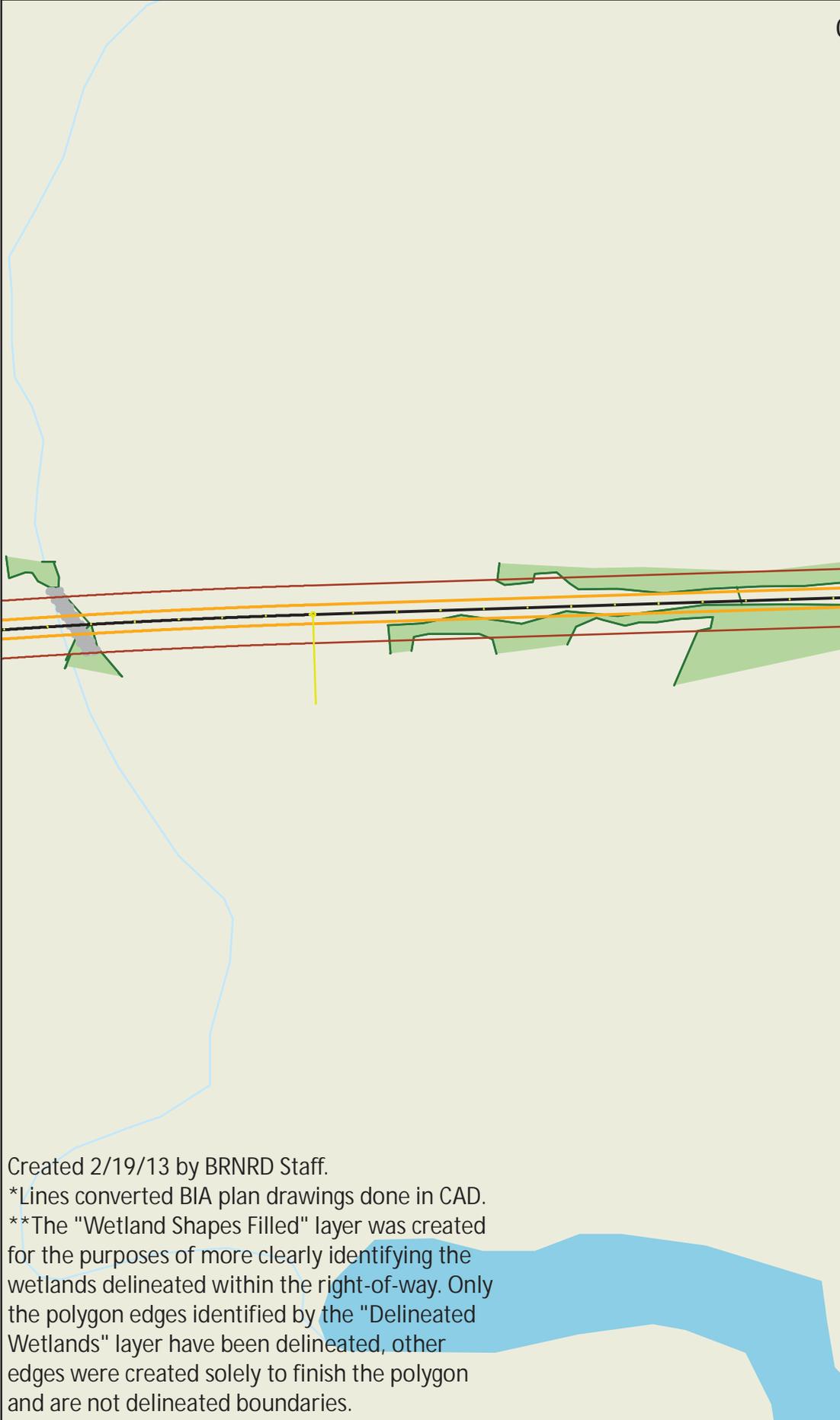
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Pine Flats Road Reconstruction

CAD Plan Drawings with Wetland Delineation (Page 13)



- Reservation
- Pine Flats Rd Project Details***
 - Station Lines
 - Proposed Centerline
 - Proposed Edge of Road
 - Proposed Edge of Road
 - Proposed Right-of-Way
 - Pine Flats CAD Plan Culverts
 - Delineated Wetlands
 - Wetland Shapes Filled**
- Reservation Roads**
 - Asphalt
 - Gravel
 - Old Railroad Grade
- Utility Right-of-Ways**
 - Gas Pipeline
 - Powerline
- Reservation Waters**
 - Lakes, ponds, etc.
 - Intermittant Watercourse
 - Perennial Watercourse



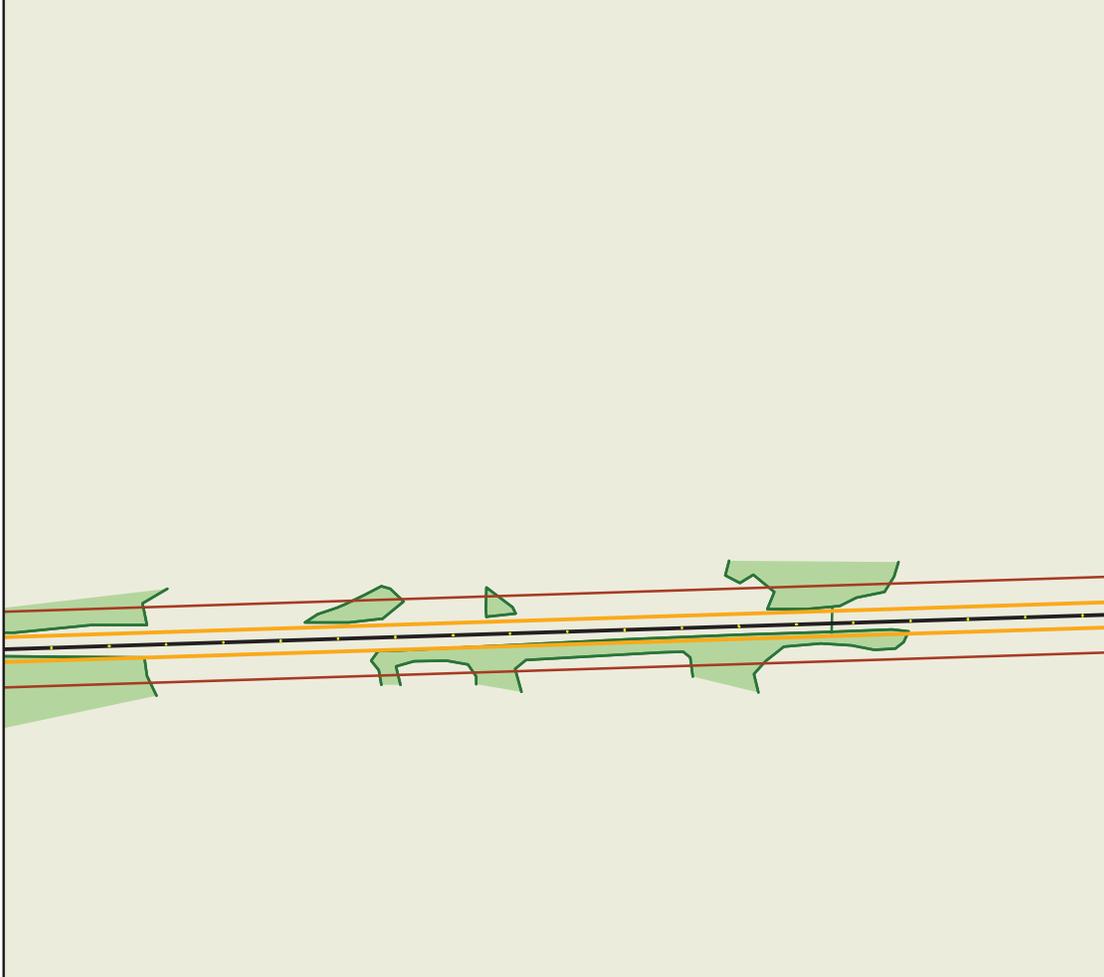
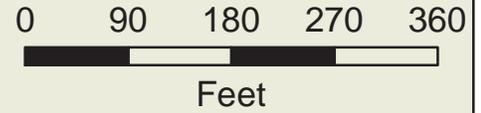
Created 2/19/13 by BRNRD Staff.

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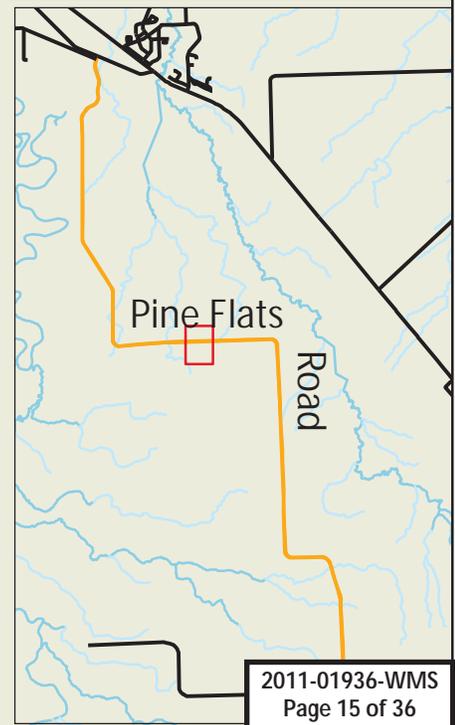
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Pine Flats Road Reconstruction

CAD Plan Drawings with Wetland Delineation (Page 14)



- Reservation
- Pine Flats Rd Project Details***
- Station Lines
- Proposed Centerline
- Proposed Edge of Road
- Proposed Edge of Road
- Proposed Right-of-Way
- Pine Flats CAD Plan Culverts
- Delineated Wetlands
- Wetland Shapes Filled**
- Reservation Roads**
- Asphalt
- Gravel
- Old Railroad Grade
- Utility Right-of-Ways**
- Gas Pipeline
- Powerline
- Reservation Waters**
- Lakes, ponds, etc.
- Intermittant Watercourse
- Perennial Watercourse



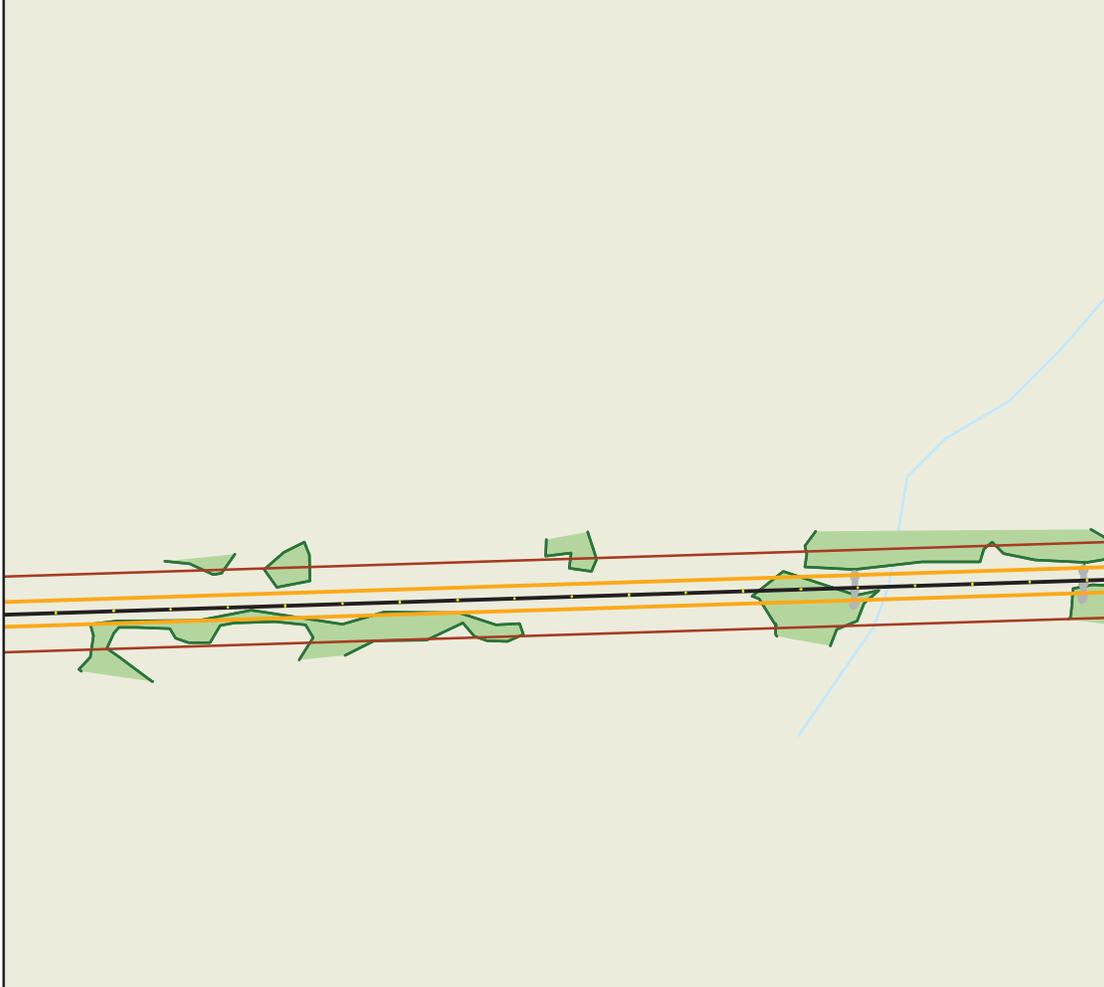
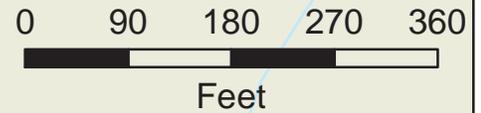
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Pine Flats Road Reconstruction

CAD Plan Drawings with Wetland Delineation (Page 15)

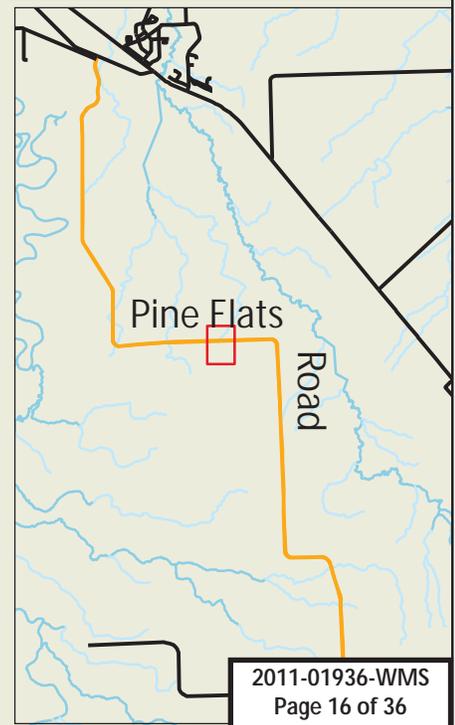


- Reservation
- Pine Flats Rd Project Details***
- Station Lines
- Proposed Centerline
- Proposed Edge of Road
- Proposed Edge of Road
- Proposed Right-of-Way
- Pine Flats CAD Plan Culverts
- Delineated Wetlands
- Wetland Shapes Filled**
- Reservation Roads**
- Asphalt
- Gravel
- Old Railroad Grade
- Utility Right-of-Ways**
- Gas Pipeline
- Powerline
- Reservation Waters**
- Lakes, ponds, etc.
- Intermittant Watercourse
- Perennial Watercourse

Created 2/19/13 by BRNRD Staff.

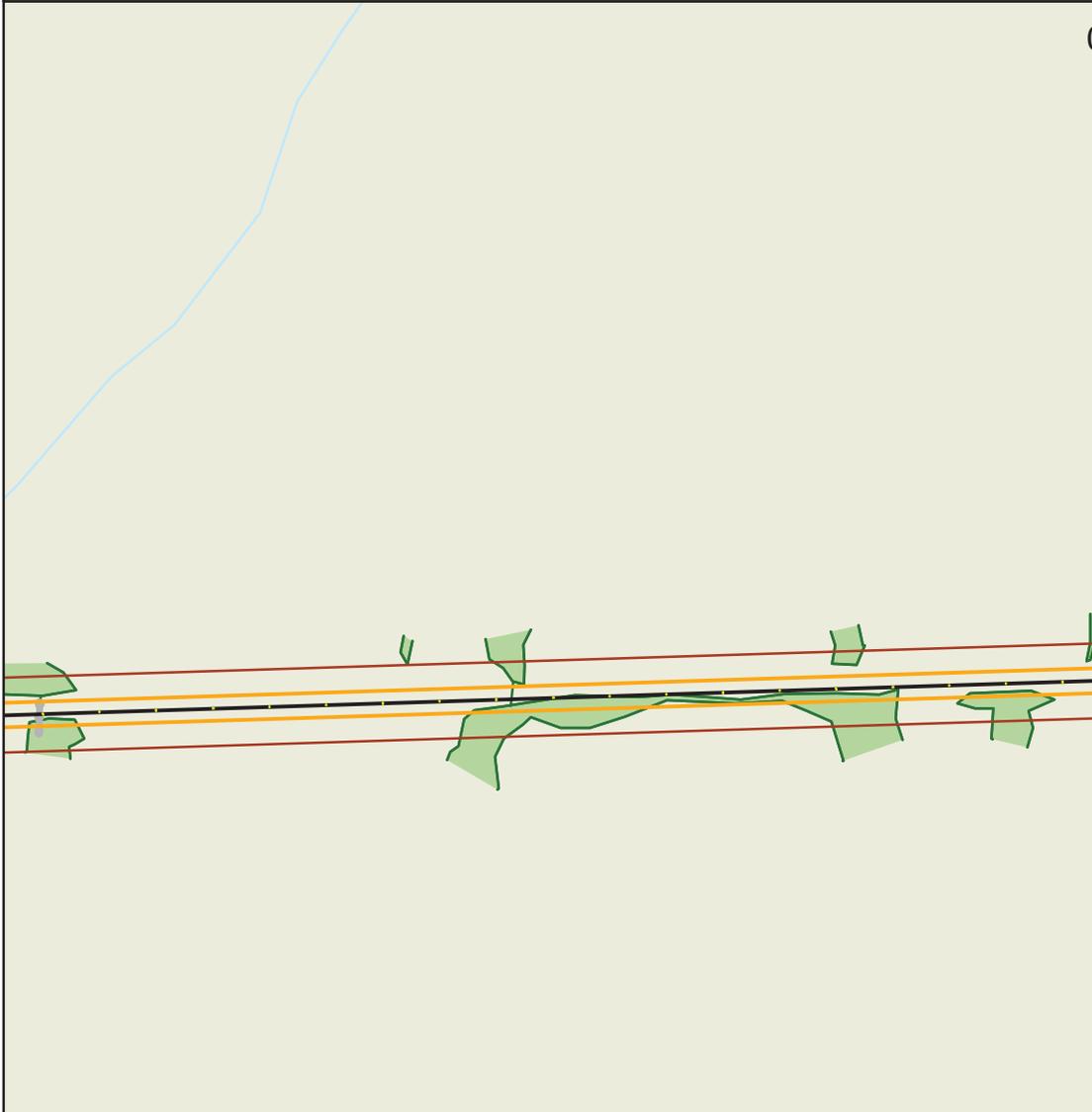
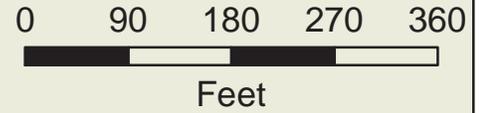
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Pine Flats Road Reconstruction

CAD Plan Drawings with Wetland Delineation (Page 16)

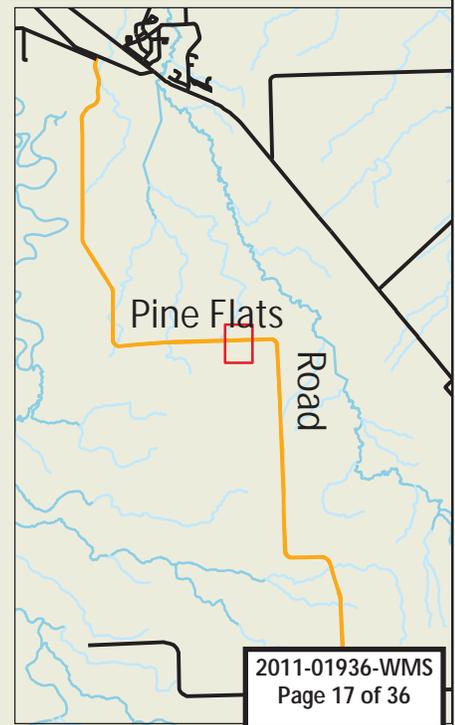


- Reservation
- Pine Flats Rd Project Details***
- Station Lines
- Proposed Centerline
- Proposed Edge of Road
- Proposed Edge of Road
- Proposed Right-of-Way
- Pine Flats CAD Plan Culverts
- Delineated Wetlands
- Wetland Shapes Filled**
- Reservation Roads**
- Asphalt
- Gravel
- Old Railroad Grade
- Utility Right-of-Ways**
- Gas Pipeline
- Powerline
- Reservation Waters**
- Lakes, ponds, etc.
- Intermittant Watercourse
- Perennial Watercourse

Created 2/19/13 by BRNRD Staff.

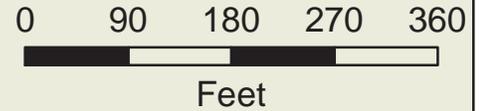
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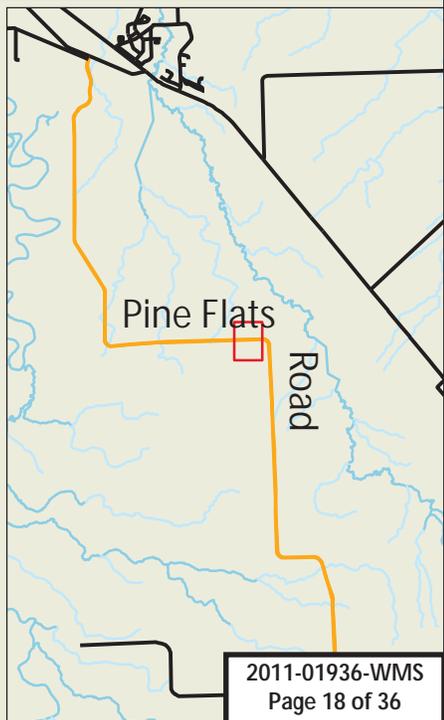
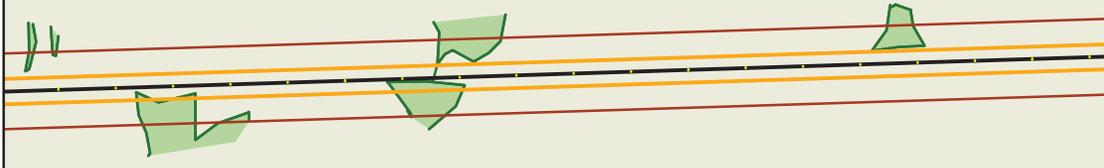


Pine Flats Road Reconstruction

CAD Plan Drawings with Wetland Delineation (Page 17)



- Reservation
- Pine Flats Rd Project Details***
- Station Lines
- Proposed Centerline
- Proposed Edge of Road
- Proposed Edge of Road
- Proposed Right-of-Way
- Pine Flats CAD Plan Culverts
- Delineated Wetlands
- Wetland Shapes Filled**
- Reservation Roads**
- Asphalt
- Gravel
- Old Railroad Grade
- Utility Right-of-Ways**
- Gas Pipeline
- Powerline
- Reservation Waters**
- Lakes, ponds, etc.
- Intermittant Watercourse
- Perennial Watercourse



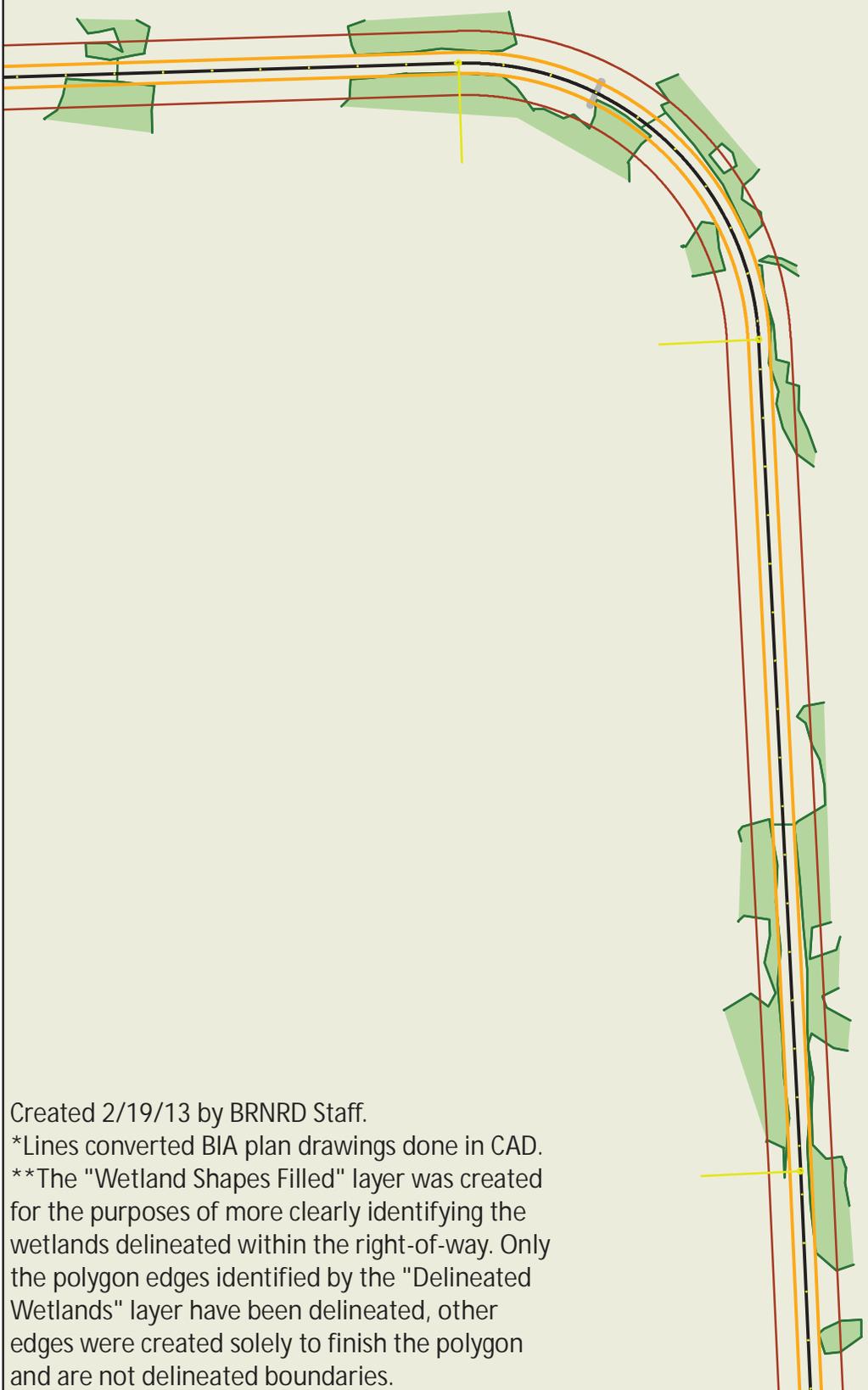
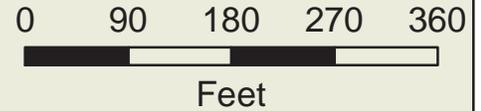
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Pine Flats Road Reconstruction

CAD Plan Drawings with Wetland Delineation (Page 18)



Reservation

Pine Flats Rd Project Details*

- Station Lines
- Proposed Centerline
- Proposed Edge of Road
- Proposed Edge of Road
- Proposed Right-of-Way
- Pine Flats CAD Plan Culverts
- Delineated Wetlands
- Wetland Shapes Filled**

Reservation Roads

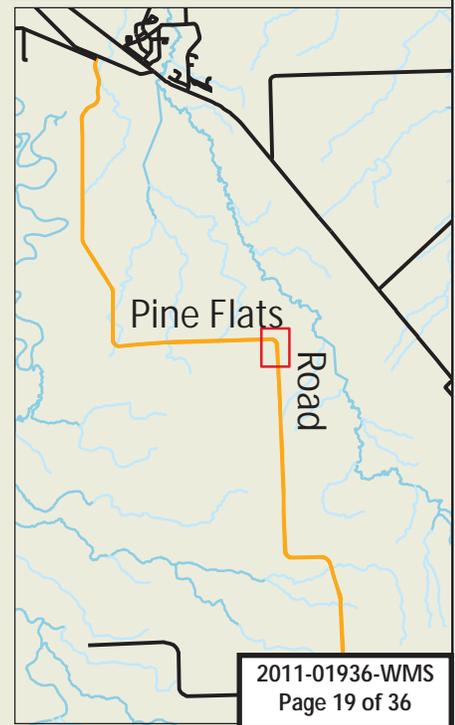
- Asphalt
- Gravel
- +— Old Railroad Grade

Utility Right-of-Ways

- Gas Pipeline
- Powerline

Reservation Waters

- Lakes, ponds, etc.
- Intermittant Watercourse
- Perennial Watercourse



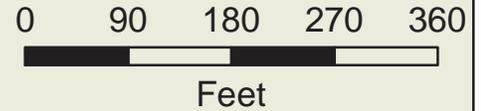
Created 2/19/13 by BRNRD Staff.

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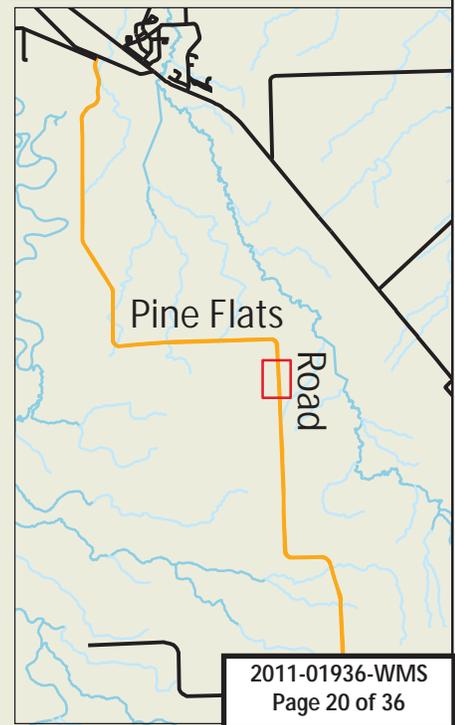
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Pine Flats Road Reconstruction

CAD Plan Drawings with Wetland Delineation (Page 19)



- Reservation
- Pine Flats Rd Project Details***
- Station Lines
- Proposed Centerline
- Proposed Edge of Road
- Proposed Edge of Road
- Proposed Right-of-Way
- Pine Flats CAD Plan Culverts
- Delineated Wetlands
- Wetland Shapes Filled**
- Reservation Roads**
- Asphalt
- Gravel
- Old Railroad Grade
- Utility Right-of-Ways**
- Gas Pipeline
- Powerline
- Reservation Waters**
- Lakes, ponds, etc.
- Intermittant Watercourse
- Perennial Watercourse



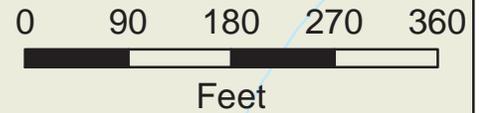
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Pine Flats Road Reconstruction

CAD Plan Drawings with Wetland Delineation (Page 20)



Reservation

Pine Flats Rd Project Details*

- Station Lines
- Proposed Centerline
- Proposed Edge of Road
- Proposed Right-of-Way
- Pine Flats CAD Plan Culverts
- Delineated Wetlands
- Wetland Shapes Filled**

Reservation Roads

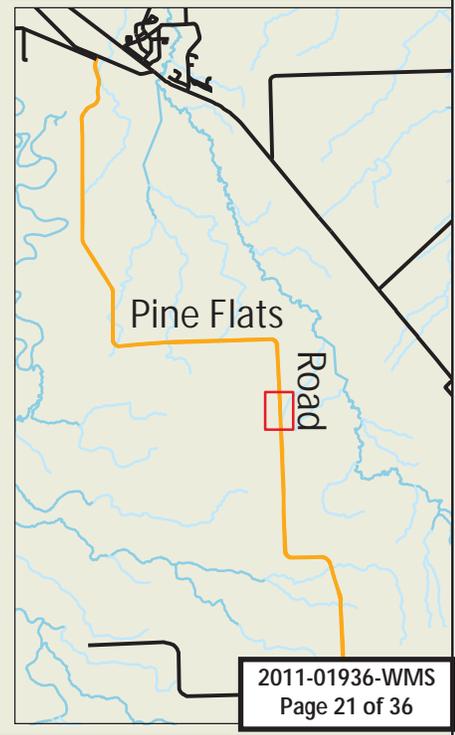
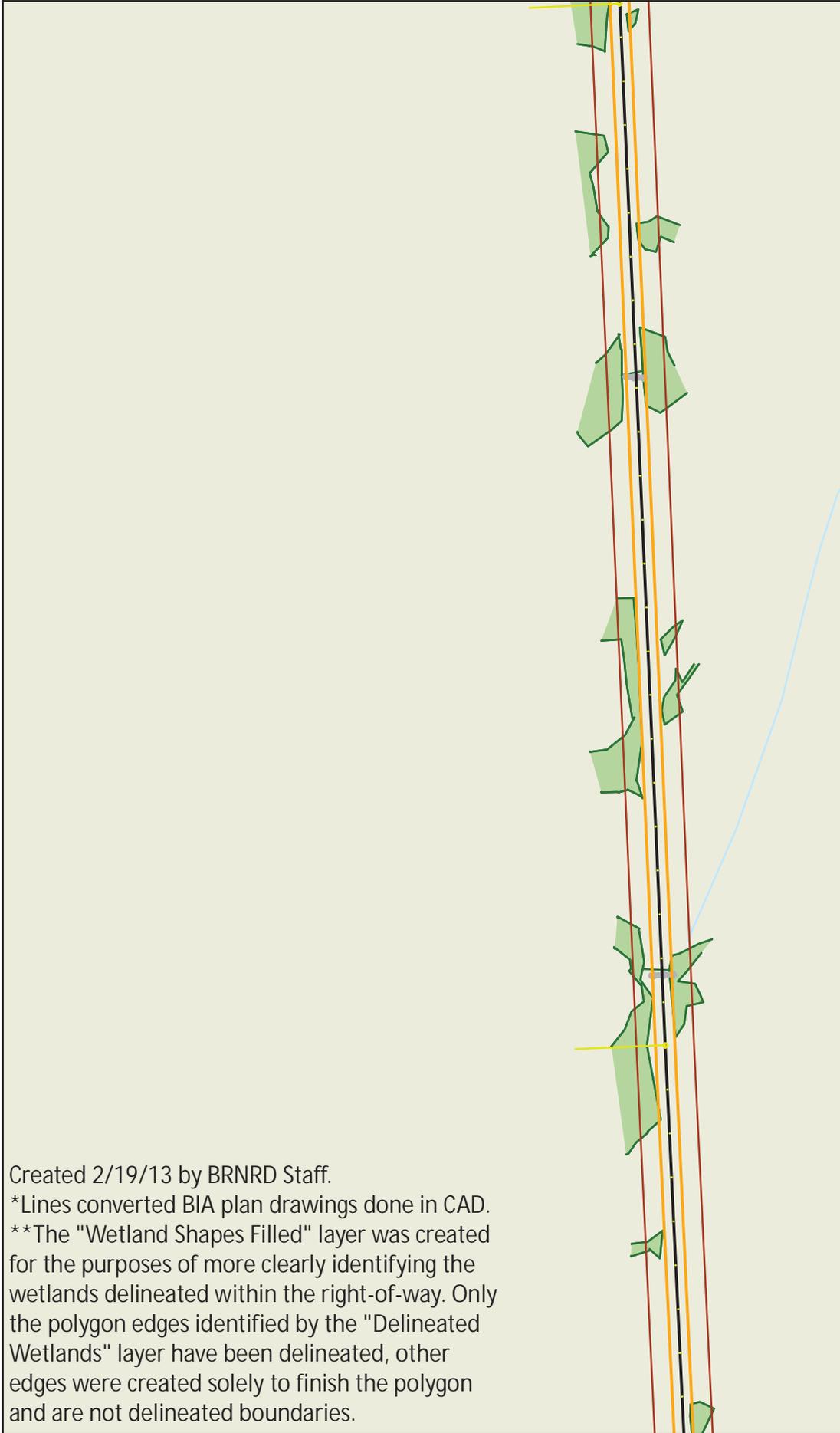
- Asphalt
- Gravel
- Old Railroad Grade

Utility Right-of-Ways

- Gas Pipeline
- Powerline

Reservation Waters

- Lakes, ponds, etc.
- Intermittant Watercourse
- Perennial Watercourse



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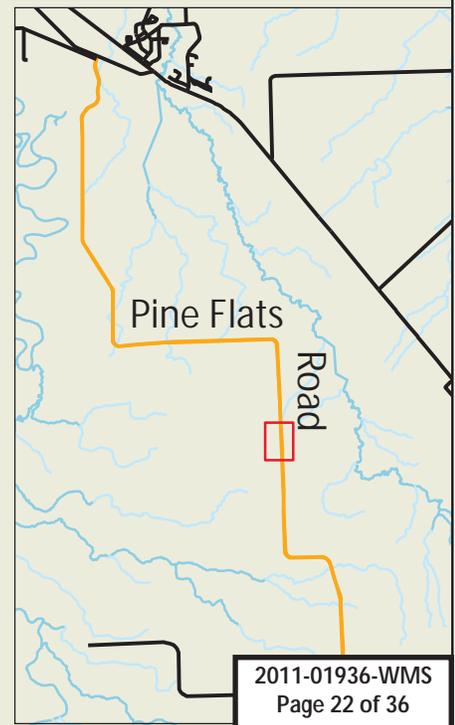
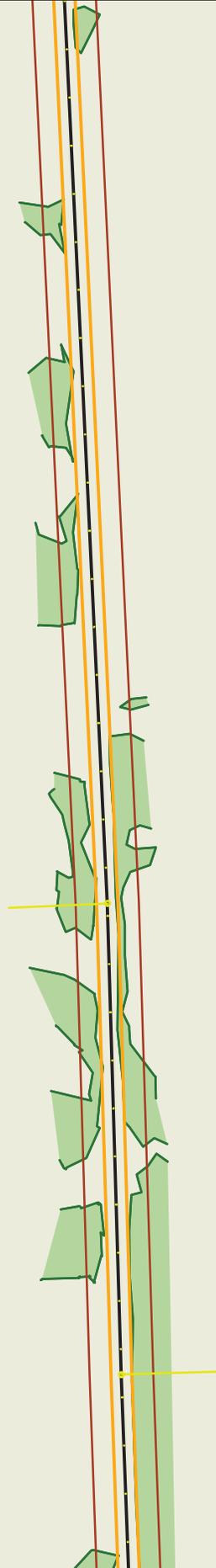
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Pine Flats Road Reconstruction

CAD Plan Drawings with Wetland Delineation (Page 21)



- Reservation
- Pine Flats Rd Project Details***
- Station Lines
- Proposed Centerline
- Proposed Edge of Road
- Proposed Edge of Road
- Proposed Right-of-Way
- Pine Flats CAD Plan Culverts
- Delineated Wetlands
- Wetland Shapes Filled**
- Reservation Roads**
- Asphalt
- Gravel
- Old Railroad Grade
- Utility Right-of-Ways**
- Gas Pipeline
- Powerline
- Reservation Waters**
- Lakes, ponds, etc.
- Intermittant Watercourse
- Perennial Watercourse



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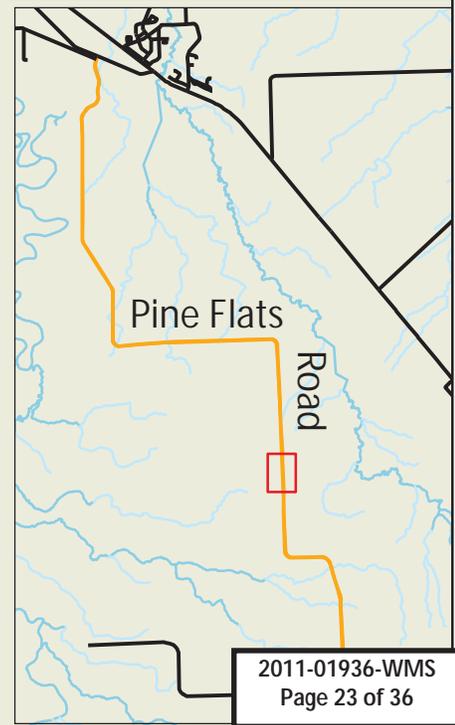
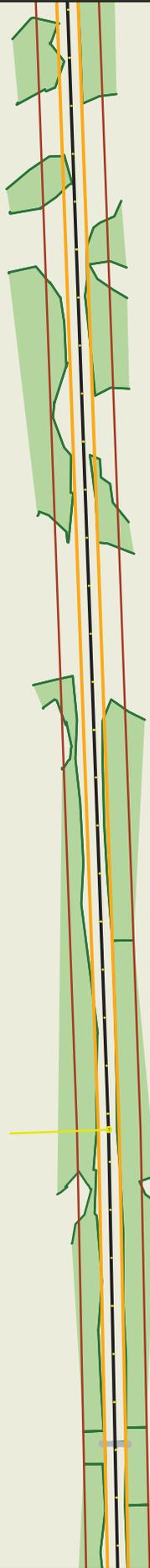
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Pine Flats Road Reconstruction

CAD Plan Drawings with Wetland Delineation (Page 22)



- Reservation
- Pine Flats Rd Project Details***
- Station Lines
- Proposed Centerline
- Proposed Edge of Road
- Proposed Edge of Road
- Proposed Right-of-Way
- Pine Flats CAD Plan Culverts
- Delineated Wetlands
- Wetland Shapes Filled**
- Reservation Roads**
- Asphalt
- Gravel
- Old Railroad Grade
- Utility Right-of-Ways**
- Gas Pipeline
- Powerline
- Reservation Waters**
- Lakes, ponds, etc.
- Intermittant Watercourse
- Perennial Watercourse



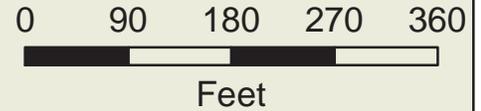
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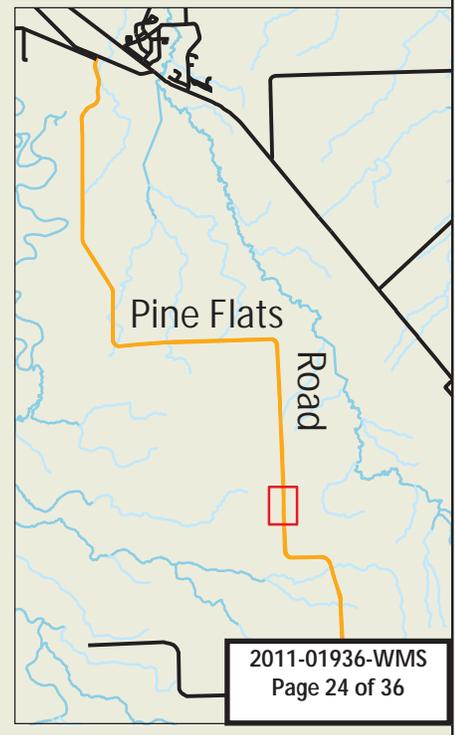
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Pine Flats Road Reconstruction

CAD Plan Drawings with Wetland Delineation (Page 23)



- Reservation
- Pine Flats Rd Project Details***
- Station Lines
- Proposed Centerline
- Proposed Edge of Road
- Proposed Edge of Road
- Proposed Right-of-Way
- Pine Flats CAD Plan Culverts
- Delineated Wetlands
- Wetland Shapes Filled**
- Reservation Roads**
- Asphalt
- Gravel
- Old Railroad Grade
- Utility Right-of-Ways**
- Gas Pipeline
- Powerline
- Reservation Waters**
- Lakes, ponds, etc.
- Intermittant Watercourse
- Perennial Watercourse



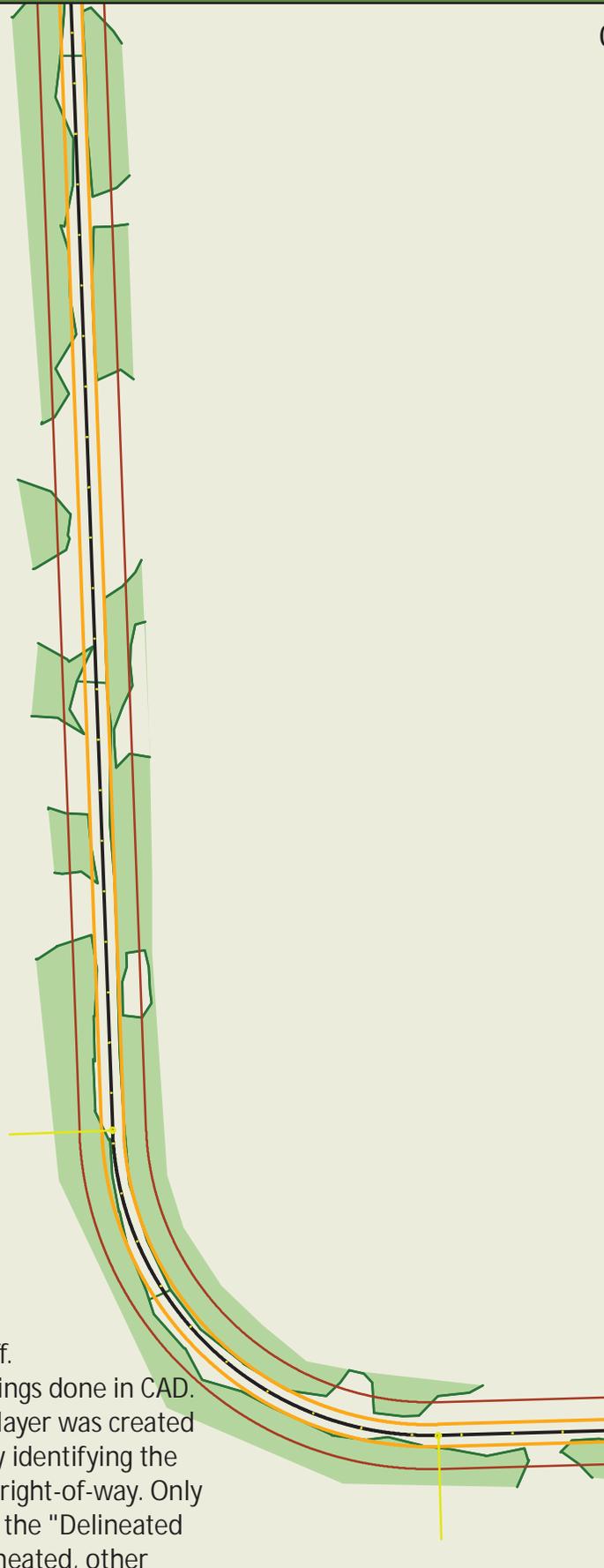
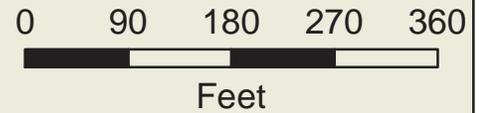
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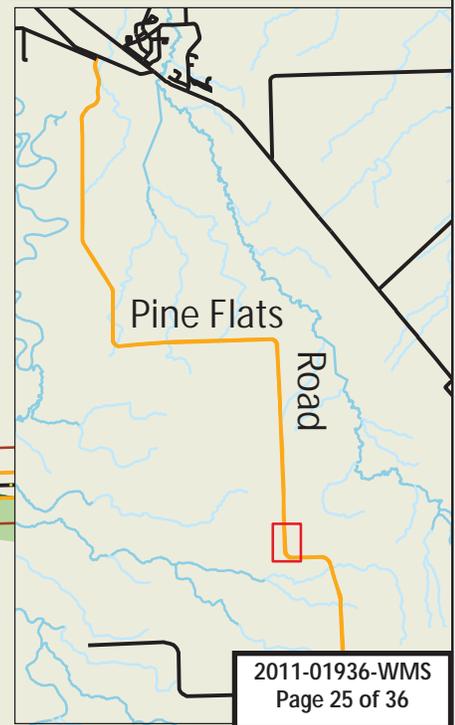
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Pine Flats Road Reconstruction

CAD Plan Drawings with Wetland Delineation (Page 24)



- Reservation
- Pine Flats Rd Project Details***
- Station Lines
- Proposed Centerline
- Proposed Edge of Road
- Proposed Edge of Road
- Proposed Right-of-Way
- Pine Flats CAD Plan Culverts
- Delineated Wetlands
- Wetland Shapes Filled**
- Reservation Roads**
- Asphalt
- Gravel
- Old Railroad Grade
- Utility Right-of-Ways**
- Gas Pipeline
- Powerline
- Reservation Waters**
- Lakes, ponds, etc.
- Intermittant Watercourse
- Perennial Watercourse



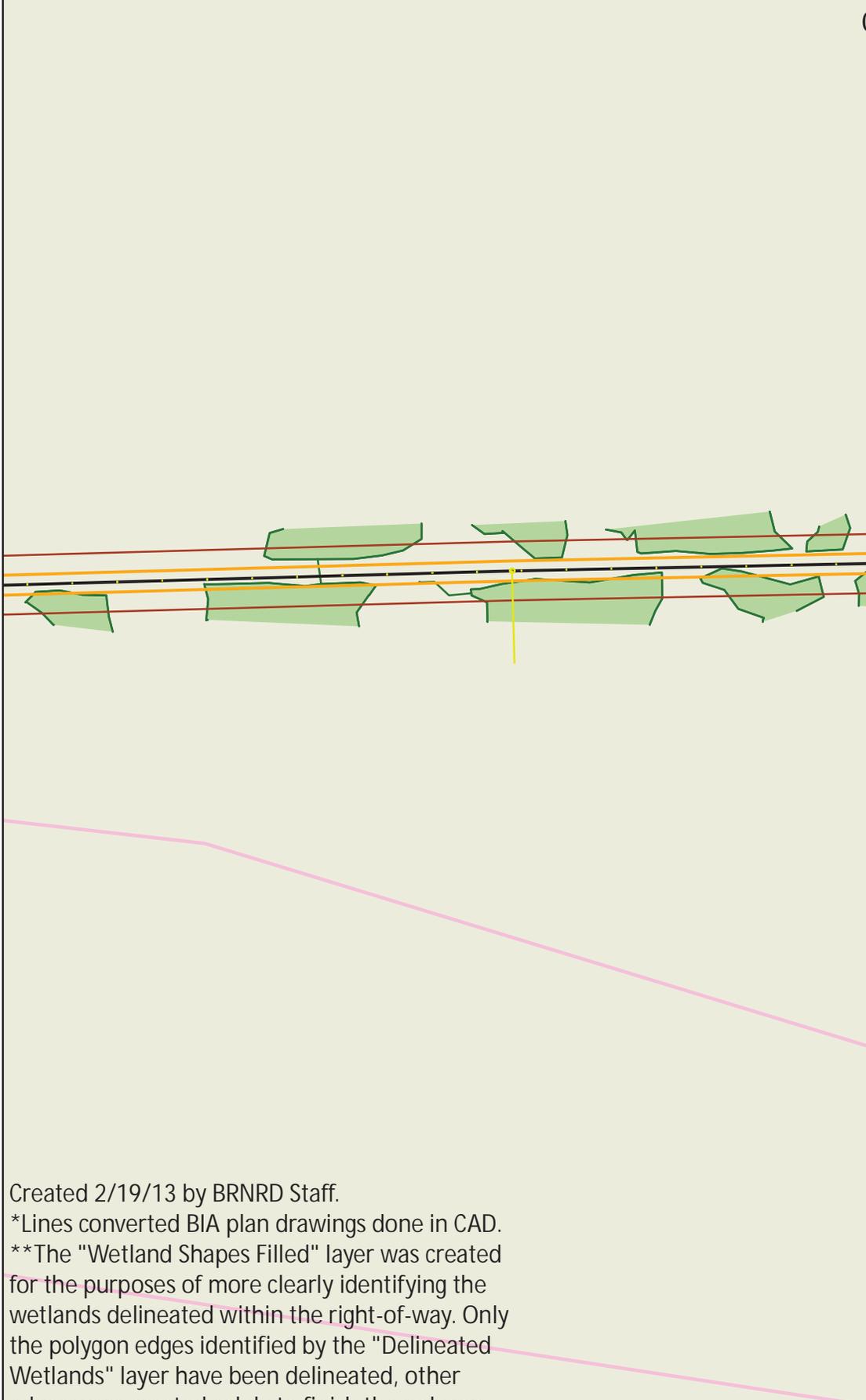
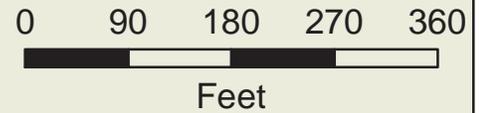
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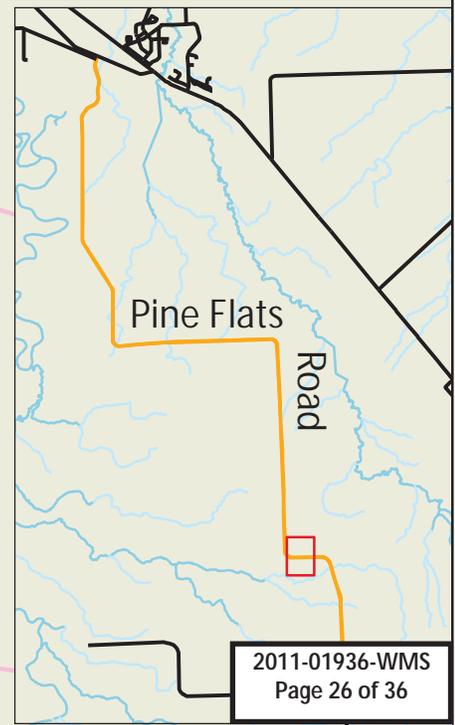
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Pine Flats Road Reconstruction

CAD Plan Drawings with Wetland Delineation (Page 25)



- Reservation
- Pine Flats Rd Project Details***
- Station Lines
- Proposed Centerline
- Proposed Edge of Road
- Proposed Edge of Road
- Proposed Right-of-Way
- Pine Flats CAD Plan Culverts
- Delineated Wetlands
- Wetland Shapes Filled**
- Reservation Roads**
- Asphalt
- Gravel
- Old Railroad Grade
- Utility Right-of-Ways**
- Gas Pipeline
- Powerline
- Reservation Waters**
- Lakes, ponds, etc.
- Intermittant Watercourse
- Perennial Watercourse



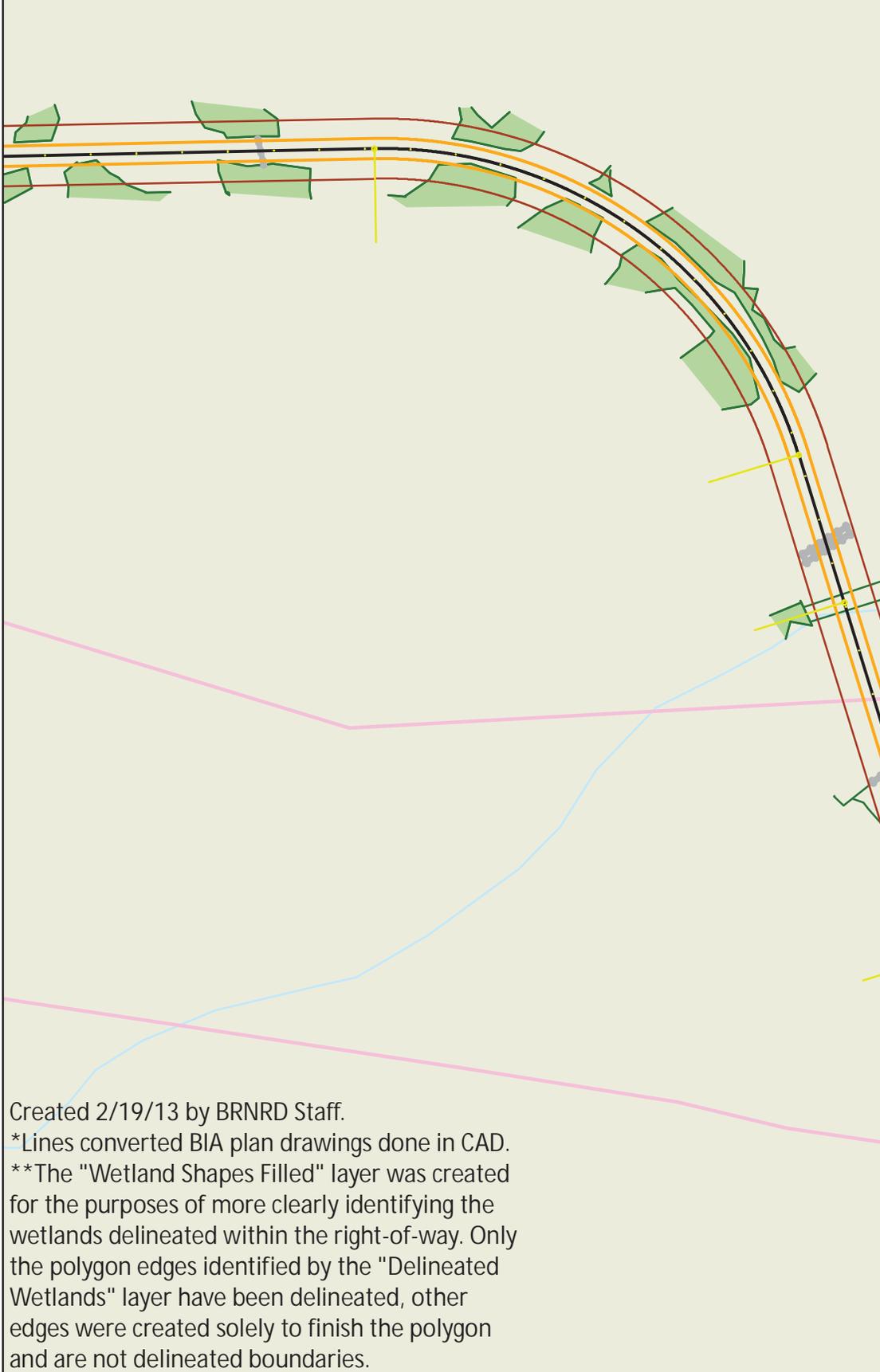
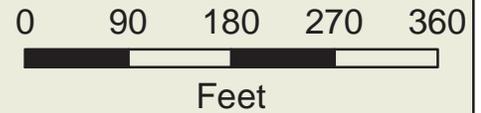
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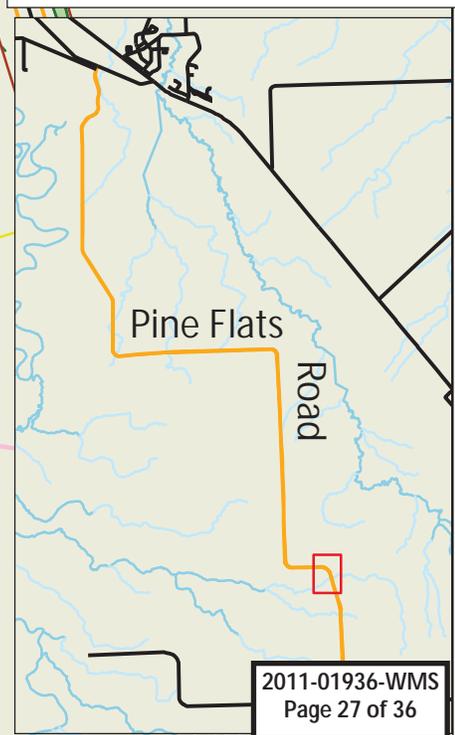
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Pine Flats Road Reconstruction

CAD Plan Drawings with Wetland Delineation (Page 26)



- Reservation
- Pine Flats Rd Project Details***
 - Station Lines
 - Proposed Centerline
 - Proposed Edge of Road
 - Proposed Edge of Road
 - Proposed Right-of-Way
 - Pine Flats CAD Plan Culverts
 - Delineated Wetlands
 - Wetland Shapes Filled**
- Reservation Roads**
 - Asphalt
 - Gravel
 - Old Railroad Grade
- Utility Right-of-Ways**
 - Gas Pipeline
 - Powerline
- Reservation Waters**
 - Lakes, ponds, etc.
 - Intermittant Watercourse
 - Perennial Watercourse



Created 2/19/13 by BRNRD Staff.

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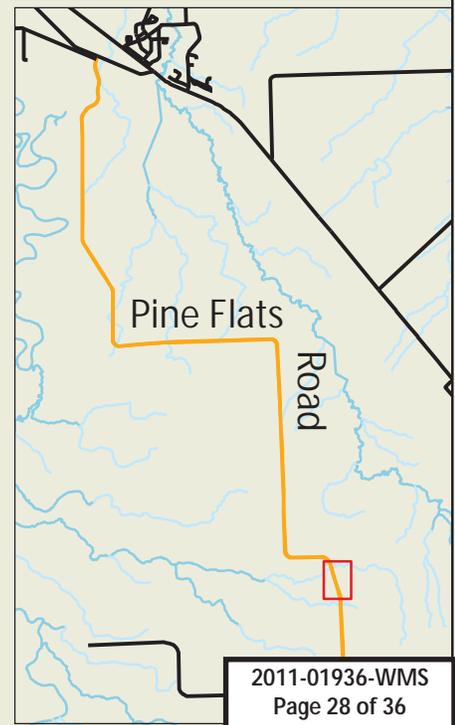
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Pine Flats Road Reconstruction

CAD Plan Drawings with Wetland Delineation (Page 27)



- Reservation
- Pine Flats Rd Project Details***
 - Station Lines
 - Proposed Centerline
 - Proposed Edge of Road
 - Proposed Edge of Road
 - Proposed Right-of-Way
 - Pine Flats CAD Plan Culverts
 - Delineated Wetlands
 - Wetland Shapes Filled**
- Reservation Roads**
 - Asphalt
 - Gravel
 - Old Railroad Grade
- Utility Right-of-Ways**
 - Gas Pipeline
 - Powerline
- Reservation Waters**
 - Lakes, ponds, etc.
 - Intermittant Watercourse
 - Perennial Watercourse



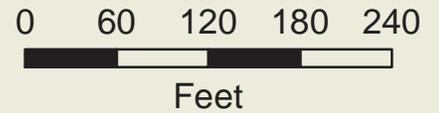
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Pine Flats Road Reconstruction

CAD Plan Drawings with Wetland Delineation (Page 28)



Reservation

Pine Flats Rd Project Details*

- Station Lines
- Proposed Centerline
- Proposed Edge of Road
- Proposed Edge of Road
- Proposed Right-of-Way
- Pine Flats CAD Plan Culverts
- Delineated Wetlands
- Wetland Shapes Filled**

Reservation Roads

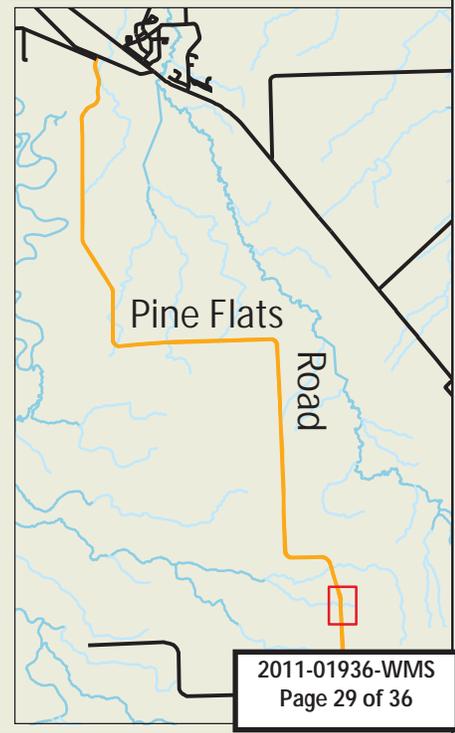
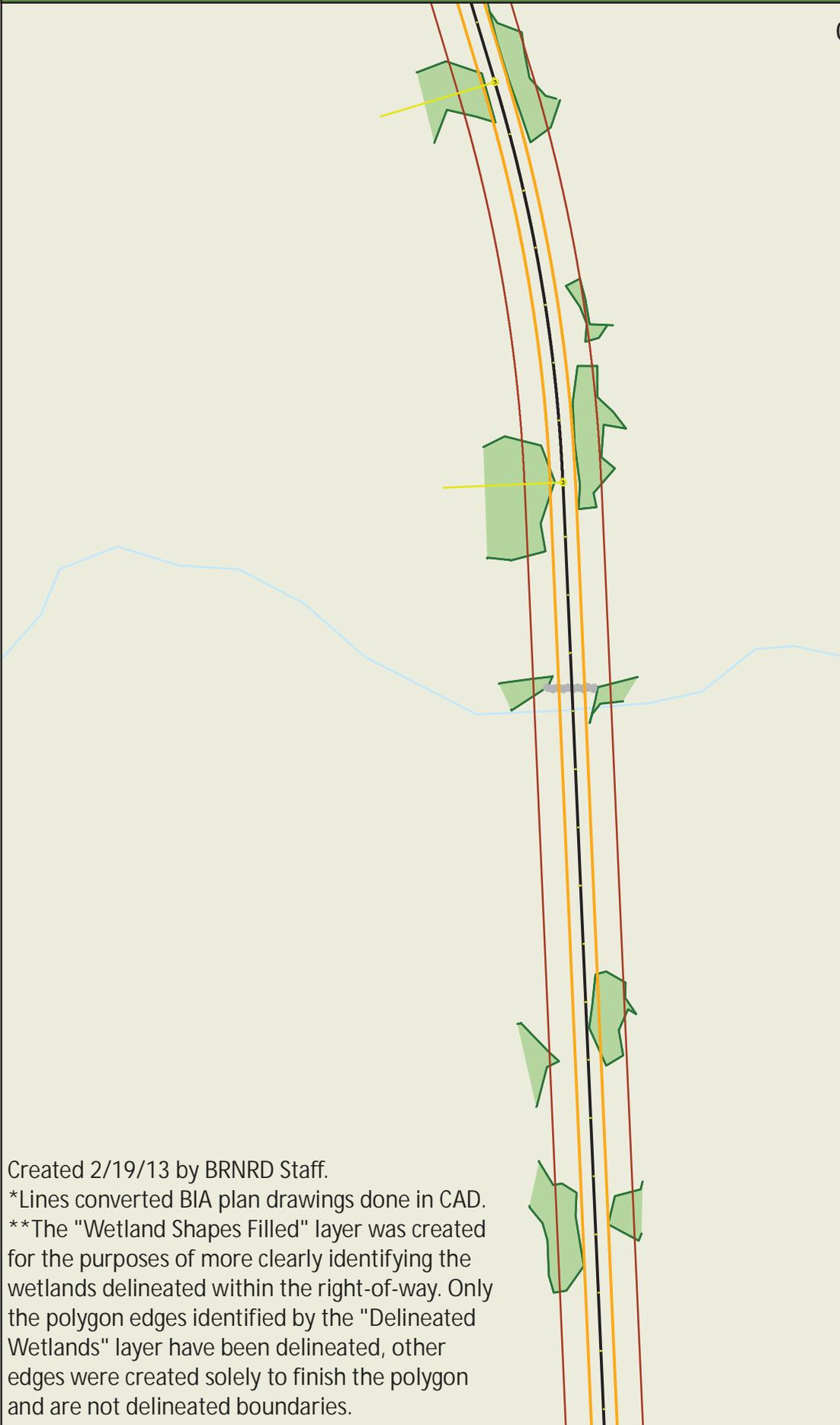
- Asphalt
- Gravel
- Old Railroad Grade

Utility Right-of-Ways

- Gas Pipeline
- Powerline

Reservation Waters

- Lakes, ponds, etc.
- Intermittant Watercourse
- Perennial Watercourse



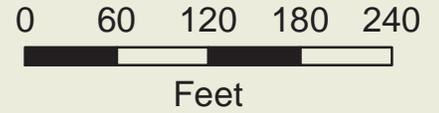
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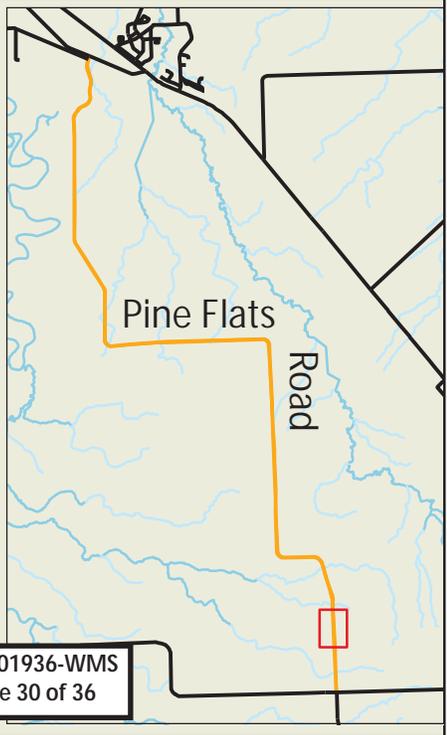
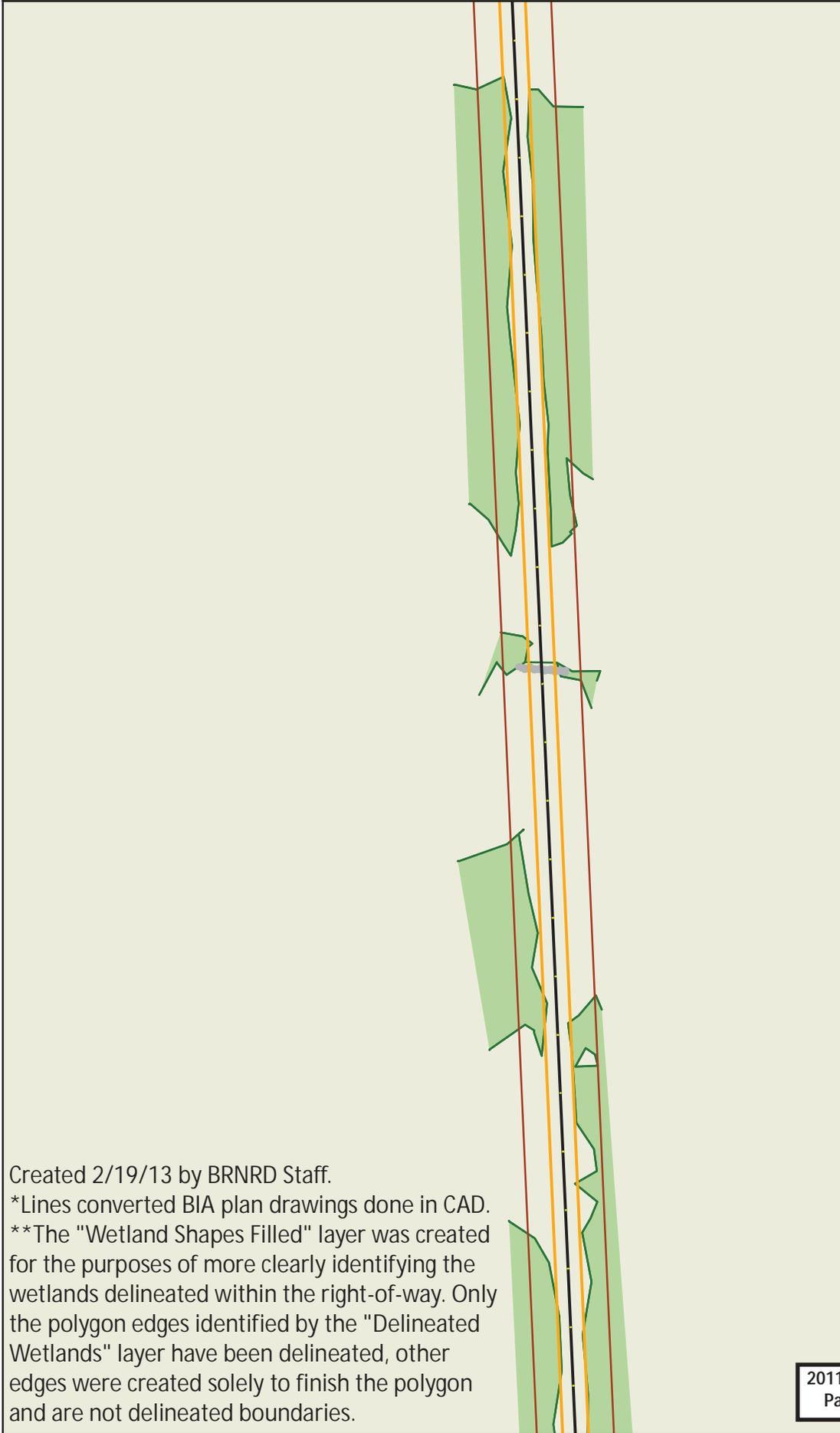
**The "Wetland Shapes Filled" layer was created for the purposes of more clearly identifying the wetlands delineated within the right-of-way. Only the polygon edges identified by the "Delineated Wetlands" layer have been delineated, other edges were created solely to finish the polygon and are not delineated boundaries.

Pine Flats Road Reconstruction

CAD Plan Drawings with Wetland Delineation (Page 29)



- Reservation
- Pine Flats Rd Project Details***
- Station Lines
- Proposed Centerline
- Proposed Edge of Road
- Proposed Edge of Road
- Proposed Right-of-Way
- Pine Flats CAD Plan Culverts
- Delineated Wetlands
- Wetland Shapes Filled**
- Reservation Roads**
- Asphalt
- Gravel
- Old Railroad Grade
- Utility Right-of-Ways**
- Gas Pipeline
- Powerline
- Reservation Waters**
- Lakes, ponds, etc.
- Intermittant Watercourse
- Perennial Watercourse



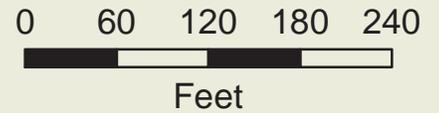
Created 2/19/13 by BRNRD Staff.

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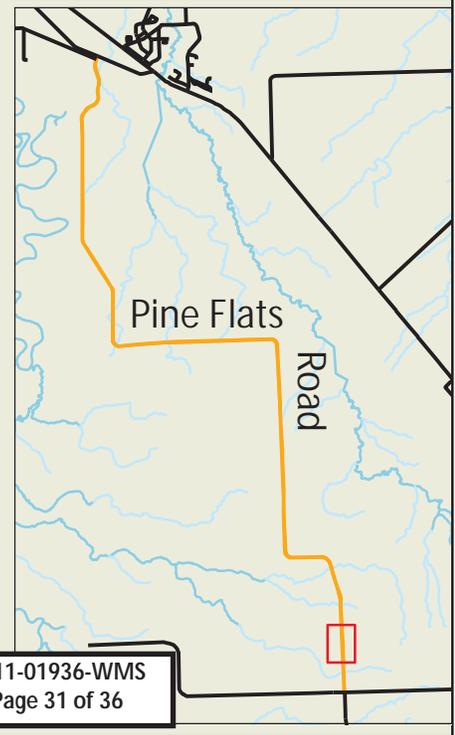
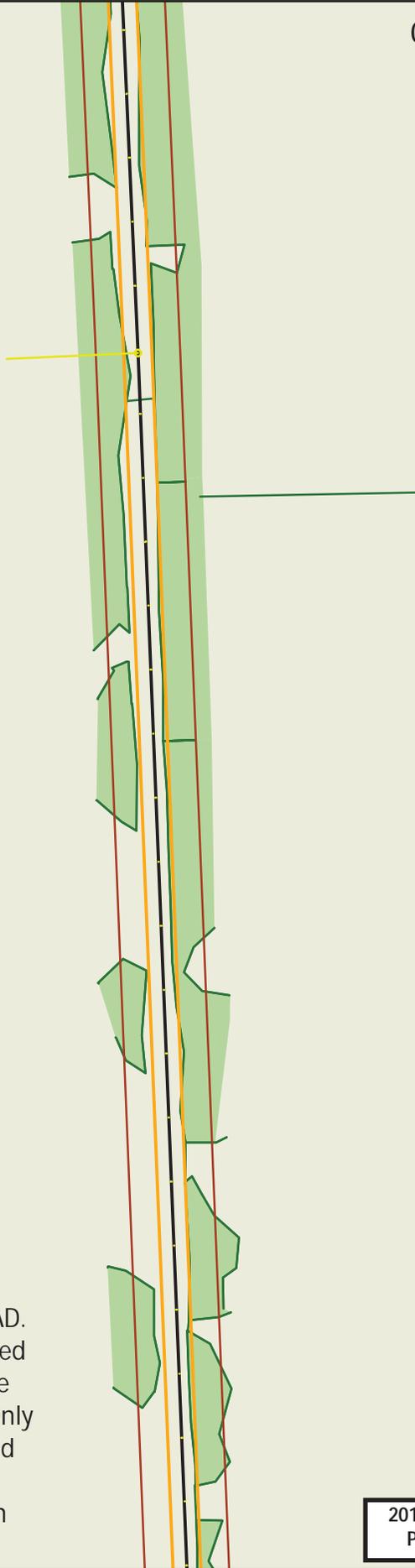
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Pine Flats Road Reconstruction

CAD Plan Drawings with Wetland Delineation (Page 30)



- Reservation
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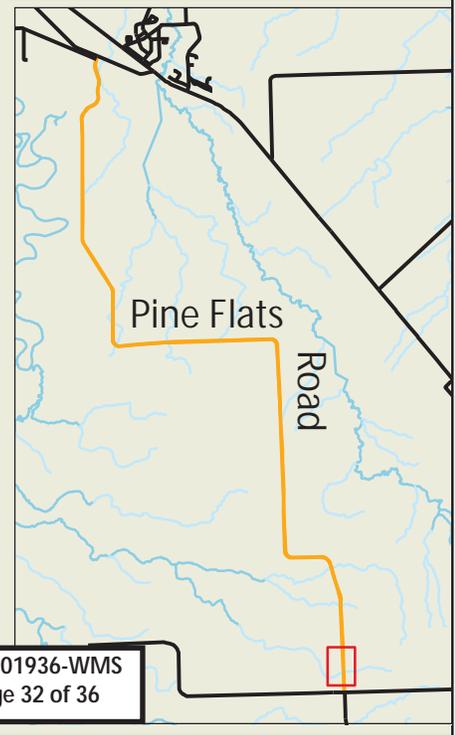
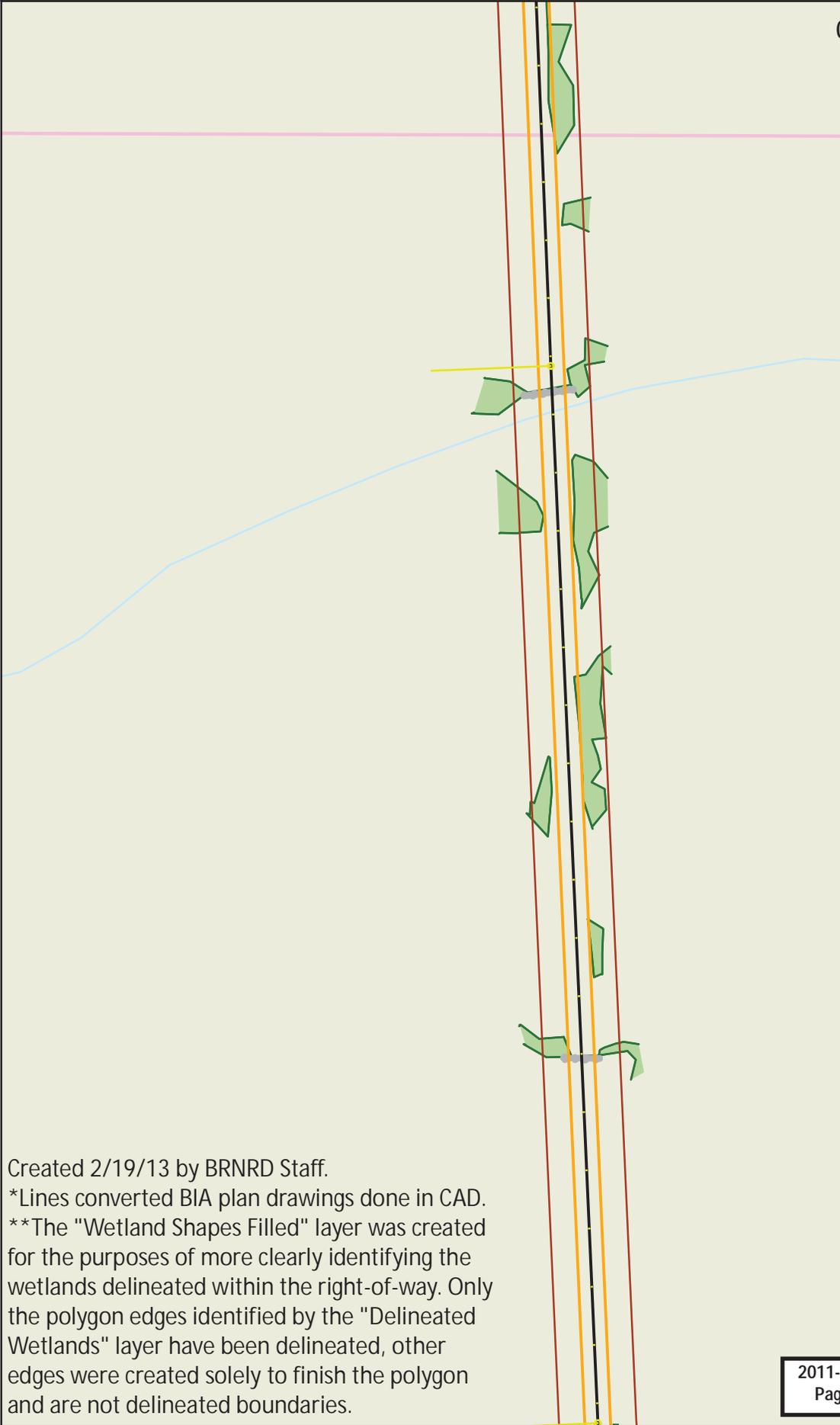
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Pine Flats Road Reconstruction

CAD Plan Drawings with Wetland Delineation (Page 31)



- Reservation
- Pine Flats Rd Project Details***
 - Station Lines
 - Proposed Centerline
 - Proposed Edge of Road
 - Proposed Edge of Road
 - Proposed Right-of-Way
 - Pine Flats CAD Plan Culverts
 - Delineated Wetlands
 - Wetland Shapes Filled**
- Reservation Roads**
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- Utility Right-of-Ways**
 - Gas Pipeline
 - Powerline
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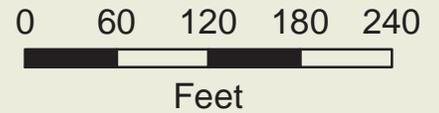
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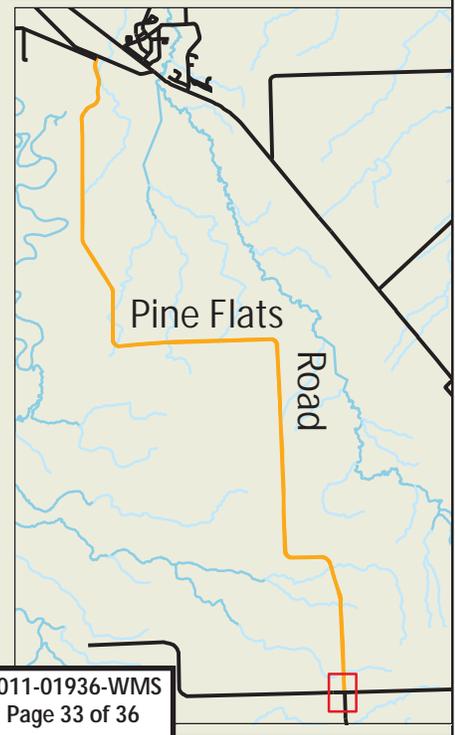
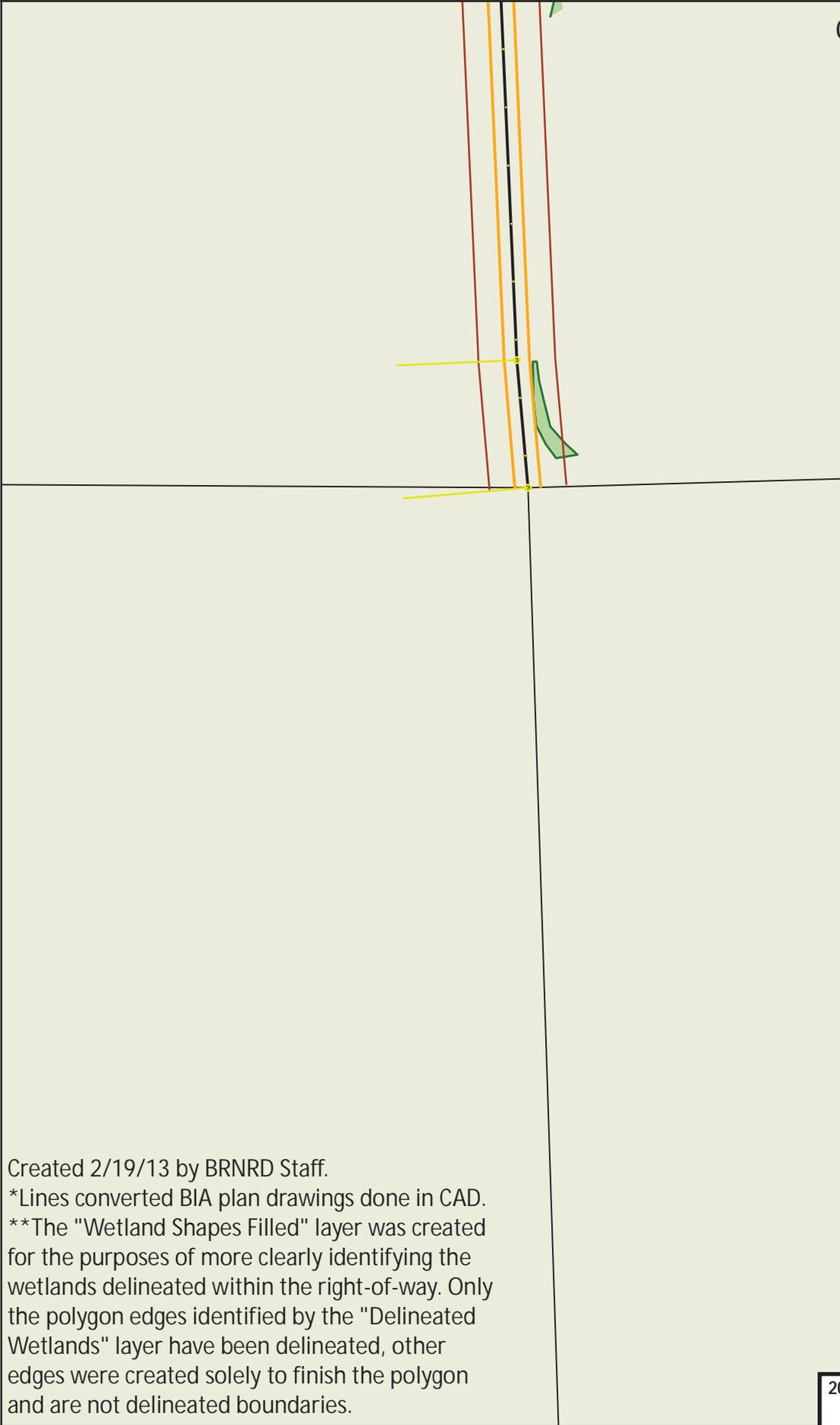
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Pine Flats Road Reconstruction

CAD Plan Drawings with Wetland Delineation (Page 32)



- Reservation
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- Station Lines
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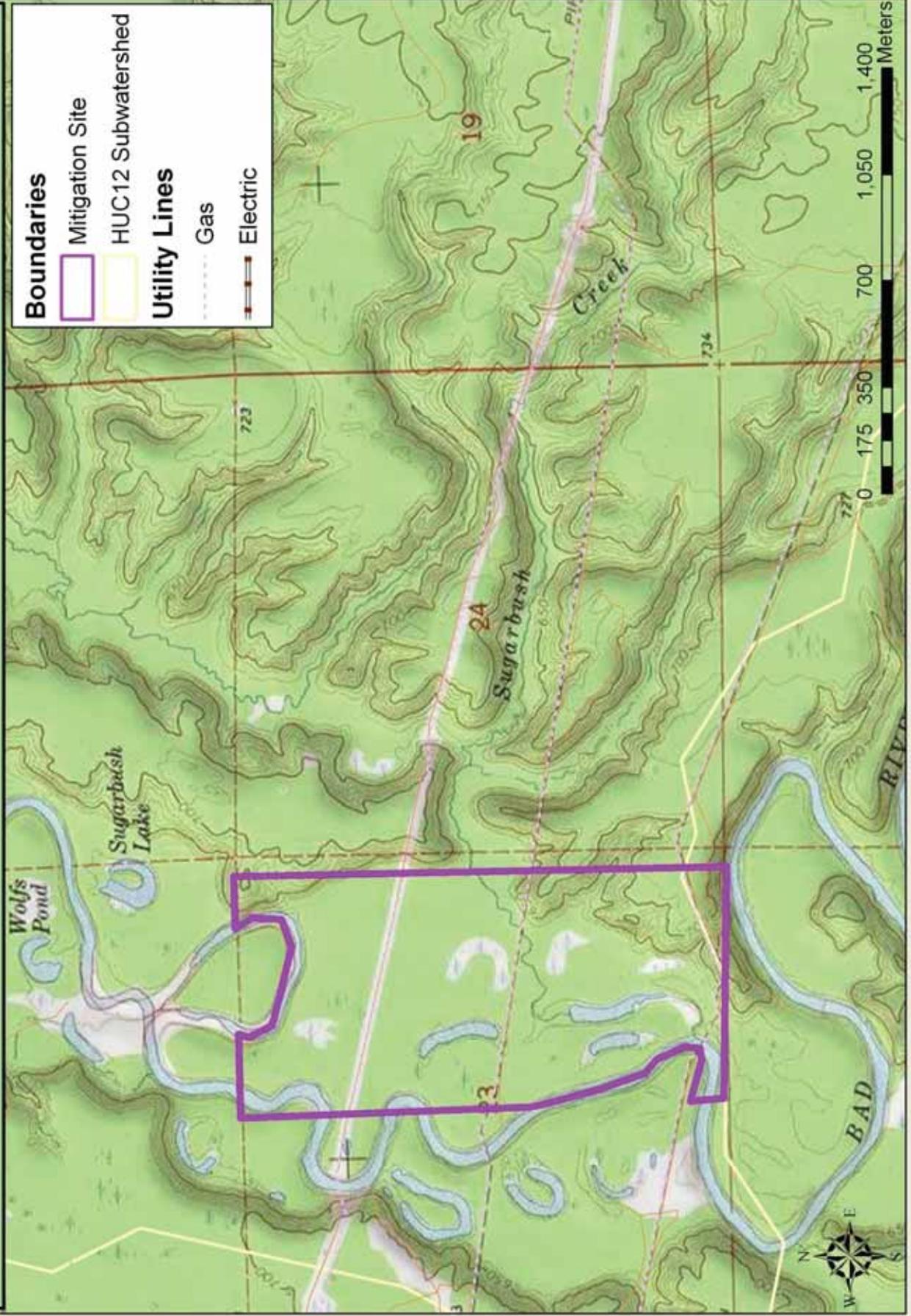


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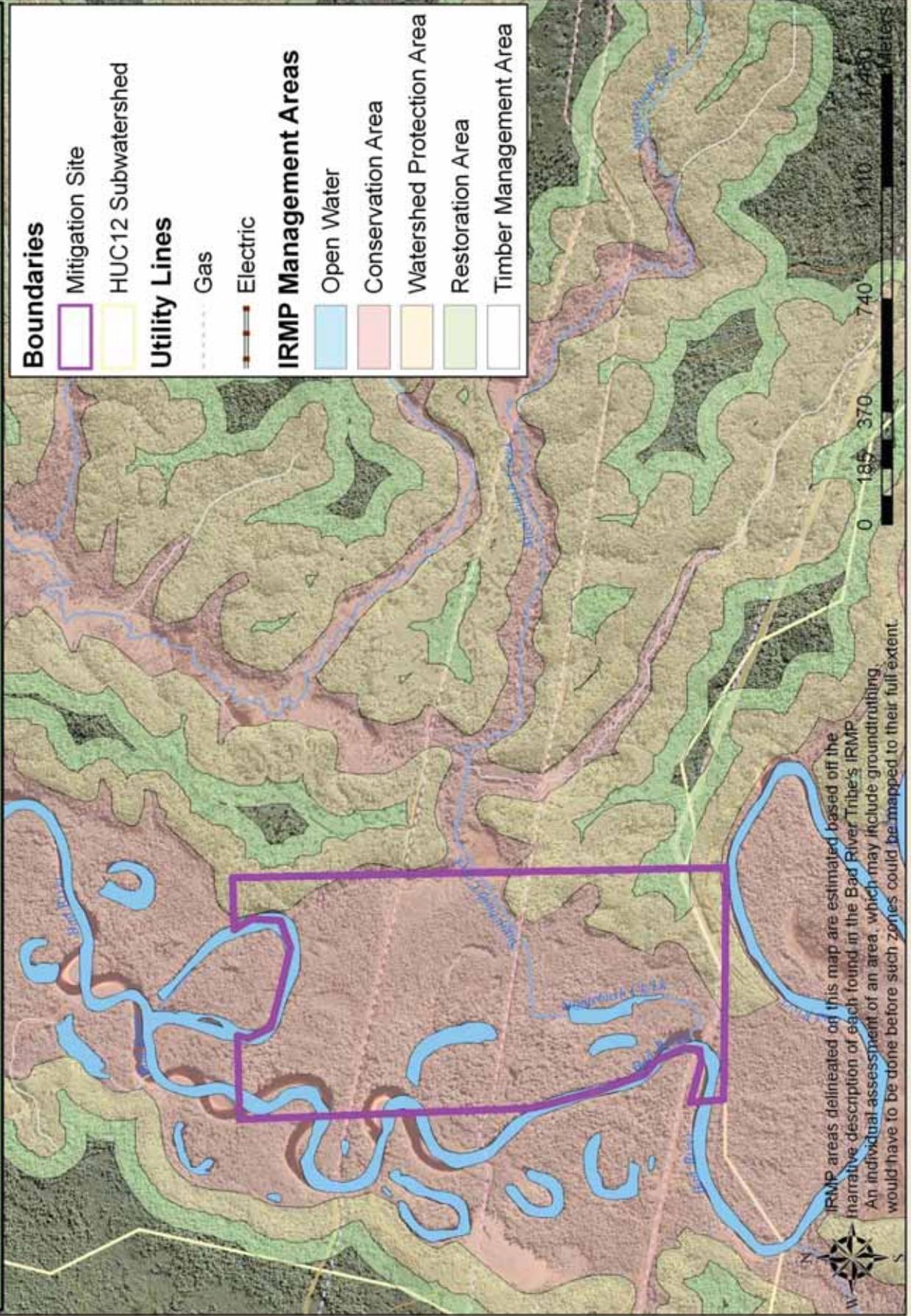
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MITIGATION SITE: USGS TOPOGRAPHIC MAP



MITIGATION SITE: IRMP MANAGEMENT AREAS



MITIGATION SITE: LANDOWNERSHIP

