



# INDIANA DEPARTMENT OF TRANSPORTATION

*Driving Indiana's Economic Growth*

Seymour District  
185 Agrico Lane  
Seymour, IN 47274

PHONE: (812) 524-3700  
FAX: (812) 522-7658

**Mitchell E. Daniels, Jr., Governor**  
**Michael B. Cline, Commissioner**

January 5, 2011

Re: Des. # 0600487, Small Structure Replacement on SR 135, Jackson and Brown County

Reviewer,

The Indiana Department of Transportation intends to proceed with a project involving the aforementioned debris removal in Harrison County. This letter is part of the early coordination phase of the environmental review process. We are requesting comments from your area of expertise regarding any possible environmental effects associated with this project. **Please use the above designation numbers and description in your reply.** We will incorporate your comments into a study of the project's environmental impacts.

The proposed small structure replacement project is located on SR 135 over an unnamed tributary of Salt Creek, approximately 15.8 miles south of SR 46 and 0.14 miles south of the Jackson/Brown County Line, within Pershing Township of Jackson County, Indiana. Although the project itself is located within Jackson County, there will be some incidental construction undertaken within Van Buren Township of Brown County Indiana.

The land use in the immediate vicinity of the project area comprises of wooded land to the north and east of the structure and rural residential areas to its south and east.

The Indiana Department of Transportation's (INDOT's) 2000-2025 Long Range Plan functionally classifies State Road 135 as a Rural Minor Arterial within the project area. The roadway at present comprises of one 11' wide lane for each direction of traffic and there are no shoulders. The total length of the project, including incidental construction along State Road 135, is approximately 0.66 miles.

The existing structure is a circular multi-plate pipe (CMP) arch with a rise of 6' 9", span of 10' 3" and a length of 34'. There is approximately 2' of cover over the pipe. The pavement shows no signs of settlement. The structure is in a fair condition except for the flow line, which has rusted through and is allowing water to flow underneath the pipe. Also very little remains of the original stone headwall on the west end of the structure, which is resulting in shoulder erosion. Concrete blocks have been used as a replacement material to support the structure on this side. The original stone headwall on the east is also breaking apart. The existing structure is hydraulically adequate for this area. However, due to the rusting of the pipe and significant deterioration of the embankment and headwalls, it is proposed that the existing small structure be replaced with a similar structure having the same capacity of drainage.

The replacement structure will have the same rise and span as the existing structure, but it will be 60' in length and be placed on skew to align channel in the inlet area and place the east edge of the culvert outside the obstruction free zone. Due to slope conditions on the west side of the structure and possible excessive R/W requirements, guardrail will be required on the east side shoulder area with 2:1 slope, 2' offset and 3' behind rail. This project shall be designed by means of 3R standards and design speed 45 mph. The roadway shall comprise of two 11' wide travel lanes and two 6' wide useable shoulders, one for each direction of traffic. Roadway drainage ditches shall be realigned to meet roadside hazard specifications.

There are no existing right-of-way (R/W) plans available for this section of SR 135. Therefore, existing R/W is considered to be the edge of pavement. It is anticipated that in order to complete this project, approximately 30' - 60' of permanent R/W will be needed from centerline of the roadway on the east and west sides for a distance of 200' north and south of the structure.

New permanent right-of-way of approximately 0.66 acres will be required for this project.

The INDOT Ecology Section will perform waters and wetlands determinations.

Should we not receive your response **within thirty (30) calendar days** from the date of this letter, it will be assumed that your agency feels that there will be no adverse effects incurred as a result of the proposed project. However, should you find that an extension to the response time is necessary; a reasonable amount may be granted upon request. If you have any questions regarding this matter, please feel free to contact Brad Williamson, of the INDOT Seymour District Environmental Section, at (812)-524-3971. Thank you in advance for your input.

Sincerely,

Brad  
Williamson

 Digitally signed by Brad Williamson  
DN: cn=Brad Williamson, o, ou,  
email=bwilliamson@indot.in.gov, c=US  
Date: 2011.01.05 08:40:42 -05'00'

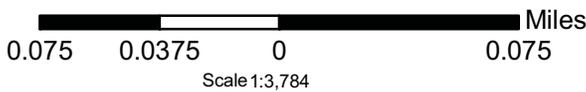
Brad Williamson  
Environmental Scientist  
INDOT Seymour District

BLW/XXX  
Attachment

# 15.8 miles south of SR46

## SR 135, Brown and Jackson County, Indiana

### Des No.0600487 and Small Structure Replacement

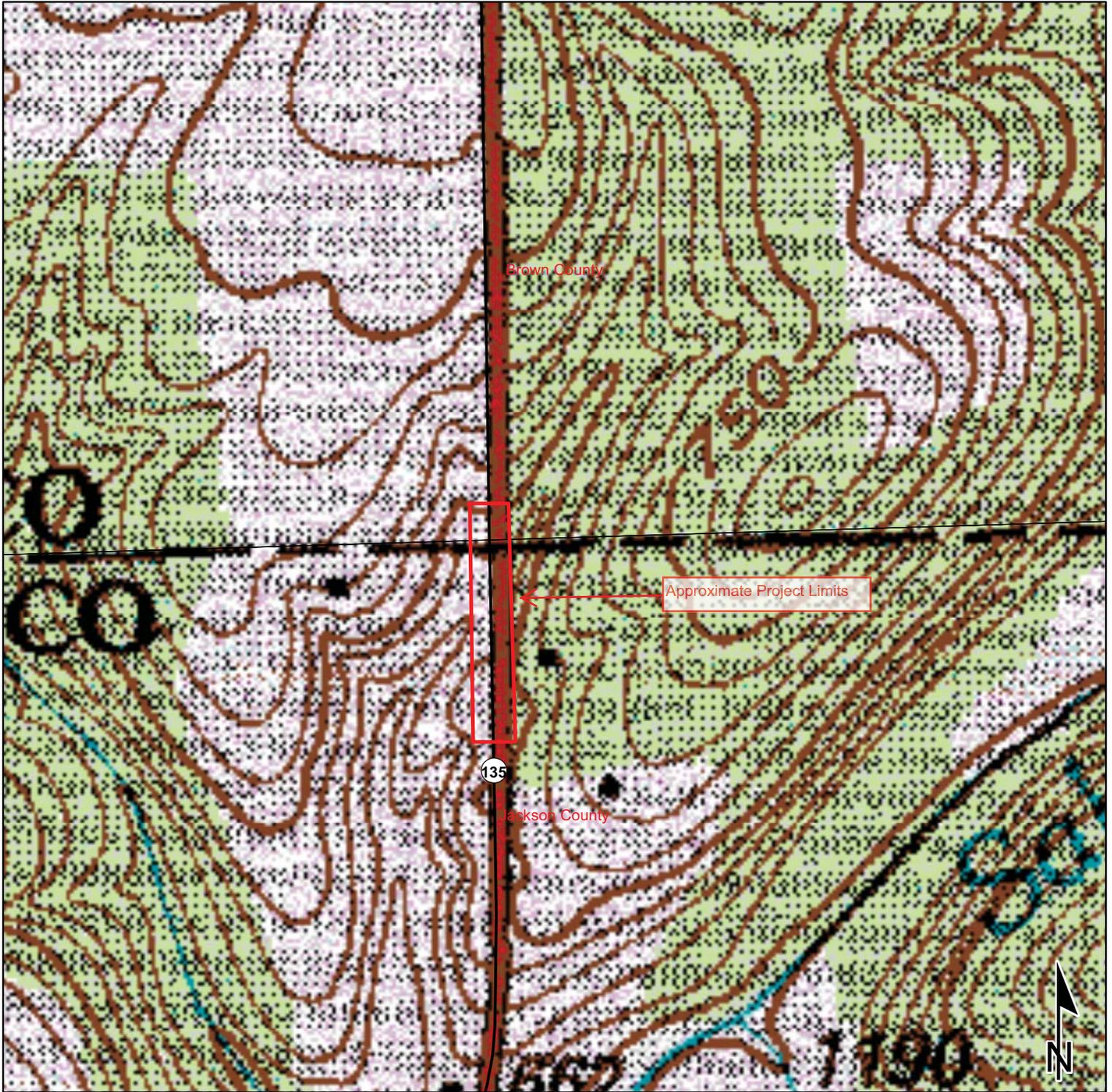


**Sources: Non Orthophotography**  
**Data** - Obtained from the State of Indiana Geographical Information Office Library  
**Orthophotography** - Obtained from Indiana Map Framework Data ([www.indianamap.org](http://www.indianamap.org))  
**Map Projection:** UTM Zone 16 N **Map Datum:** NAD83

This map is intended to serve as an aid in graphic representation only. This information is not warranted for accuracy or other purposes.

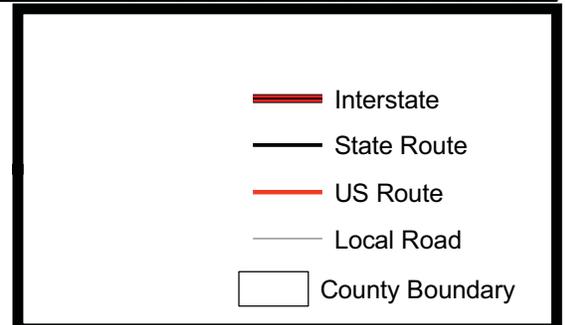
	Interstate
	State Route
	US Route
	Local Road
	County Boundary

# 15.8 miles south of SR46 SR 135, Brown and Jackson County, Indiana Des No.0600487 and Small Structure Replacement

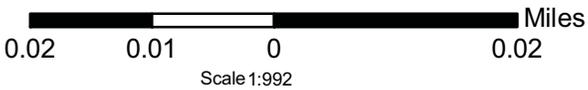


Sources: **Non Orthophotography**  
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# 15.8 miles south of SR46 SR 135, Brown and Jackson County, Indiana Des No.0600487 and Small Structure Replacement



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	Interstate
	State Route
	US Route
	Local Road
	County Boundary



Photo 1-SW corner of project looking south from structure



Photo 2-NE corner of project looking south at structure



Photo 3-Tree in southeast corner of project area

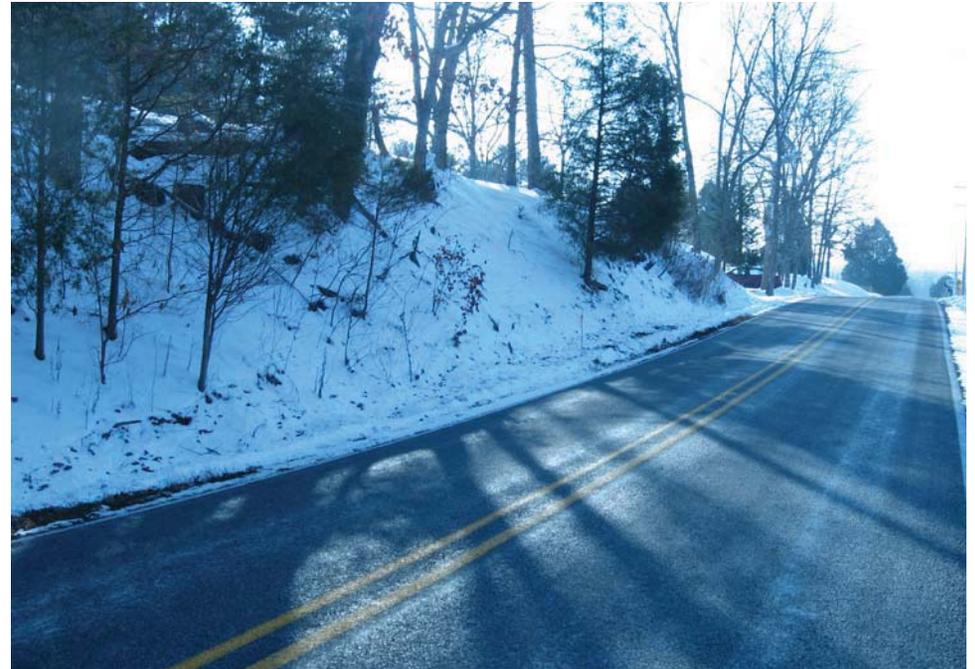


Photo 4-SE corner of project looking south from structure



**Photo 5-Looking north, structure in low area of picture**



**Photo 6-NW corner of project looking south at structure**



# Indiana Wellhead Protection Program

Indiana Department of Environmental Management · Drinking Water Branch · Ground Water Section

## Wellhead Protection Area Proximity Request Form

Use this form to request information on the proximity of your site to a Wellhead Protection Area (WHPA). Please fill out the form completely and mail, email or fax to the Drinking Water Branch/Ground Water Section. Upon review, you will be contacted with official WHPA Proximity Determination documentation. Send to:

Indiana Dept. of Environmental Management Drinking Water Branch/Ground Water Section ATTN: James Sullivan 100 N. Senate Avenue Indianapolis, IN 46204	Fax: 317-308-3339 Phone: 317-308-3388 Email: jsulliva@idem.in.gov
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<b>Date</b>	1/7/2010	
<b>Person Requesting Information</b>		
<b>Name</b>	Brad Williamson	
<b>Company</b>	INDOT, Seymour District	
<b>Address</b>	185 Agrico Lane Sevmour In. 47274	
<b>Phone</b>	812-524-3971	
<b>E-mail</b>	bwilliamson@indot.in.gov	
<b>Site Information</b>		
<b>Address</b> (please include zip code)	Small structure replacement on SR 135 in Jackson County. See maps and details above.	
<b>Additional Comments</b>		
<b>For Office Use Only</b>		
<b>Date and Time Request Received</b>		
<b>Date and Time Request Filled</b>		

**Des. #:**  
**Project #:**  
**Project Description:**  
**Name of organization requesting early coordination:**

**Questionnaire for INDOT Aeronautics**

Are there any existing or proposed airports located within or near the project limits? If so, describe any potential conflicts with air traffic during or after construction of this project.

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This information was furnished by:

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Date: \_\_\_\_\_

**Des. #:**  
**Project #:**  
**Project Description:**

**Name of organization requesting early coordination:**

**Questionnaire for the Indiana Geological Survey**

1) Do unusual and/ or problem ( ) geographic, ( ) geological, ( ) geophysical, or ( ), or ( ) topographic features exist within the project limits? Describe:

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2) Have existing or potential mineral resources been identified in this area? Describe:

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3) Are there any active or abandoned mineral resource extraction sites located nearby? Describe:

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This information was furnished by:

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Date: \_\_\_\_\_

**Des. #:**  
**Project #:**  
**Project Description:**  
**Name of organization requesting early coordination:**

**Questionnaire for the U.S. Forest Service**

1) Does the project area support populations of unusual ( ) small game birds, ( ) small game mammals, or ( ) other wildlife species? Describe:

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2) Do large numbers of unusual species of migrating birds or waterfowl ( ) nest, ( ) rest and feed, or ( ) winter in the area? Describe:

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3) Does the area support rare or endangered wildlife species? Identify and describe:

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4) Are the streams in the area high quality sport fisheries (spawning, nursery or complete habitat)? Describe:

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5) Are there intensive or experimental management programs in the project area? Describe:

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6) Does the project pass through areas of unique ( ) trees, ( ) shrubs, or ( ) other vegetation? Identify and describe:

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7) Does the project pass through or adversely affect public ( ) parks, ( ) recreation areas, ( ) wildlife refuges or hunting areas, or ( ) fishing areas? Identify and describe:

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**Questionnaire for the U.S. Forest Service (continued)**

8) Does the project provide potential multiple use of joint development programs for ( ) public access to streams or lakes, ( ) bicycle trails, ( ) scenic overlooks, or ( ) new or improved access to public wildlife or recreation areas? Identify and describe the proposal and suggest a contact point for sources of additional information:

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This information was furnished by:

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Date: \_\_\_\_\_

**Des. #:**  
**Project #:**  
**Project Description:**  
**Name of organization requesting early coordination:**

**Questionnaire for the U.S. Coast Guard**

1) Will the proposed improvement cross waterways under your jurisdiction? Identify:

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2) Are there any current or future plans to develop these waterways? Describe:

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3) Are any Coast Guard projects or studies located within the project area? Describe:

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This information was furnished by:

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Date: \_\_\_\_\_