



INDIANA DEPARTMENT OF TRANSPORTATION

Driving Indiana's Economic Growth

Seymour District
185 Agrico Lane
Seymour, IN 47274

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

February 14, 2011

Re: Des. #0710638, Small Structure Replacement on US 52, Franklin County

Reviewer,

The Indiana Department of Transportation intends to proceed with a project involving the aforementioned small structure replacement in Franklin 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 is located on US 52 over an unnamed tributary of the White Water Canal, located approximately 2.48 miles east of SR 229, within Metamora Township of Franklin County, Indiana. The total project is approximately 0.09 miles in length. No vertical or horizontal alignment changes are planned for this project.

The land use in the immediate vicinity of the project area comprises of residential land northwest, wooded areas northeast and agricultural land south of the structure. The Whitewater Canal is present on the south side of the structure.

The existing structure, is a concrete slab top culvert that has been widened with precast concrete beams, with a rise of 5', a span of 19', and a length of 30'. There is spalling, cracking and delamination with exposed rebar and heavy efflorescence on the underside of the slab warranting replacement. The existing US 52 approach cross section consists of two 12' travel lanes with 1' paved (4' usable) shoulders. Guardrail is present at the structure and wraps around the residential drive on the northeast and the farm field drive on the southeast side of the structure. The canal is approximately 25'-32' feet from the edge of pavement on the south side US 52 within the project limits.

The preliminary recommendation for the replacement structure is to be of an approved structure type with a rise of 6' (1' sump), span of 19', and a length of 44'. This structure size will allow for 12' lanes and the addition of 4' paved shoulder at the structure and where guardrail is installed. Approximately 450' of guardrail is required for this project of which approximately 250' will be installed where current guardrail currently exist. Approximately 200' of guardrail will be installed where no guardrail currently exist. The proposed roadway is recommended to be 12' lanes with 2' paved (3' usable) shoulders where no guardrail is present.

The existing right-of-way limits are unknown at this time. Therefore at this time the edge of pavement is considered the existing right-of-way line. Right-of-way is expected to be required and will vary from 30'-40' (from centerline) on the north and south sides of US 52.

New permanent right-of-way of approximately 0.64 acres and new temporary right-of way of approximately 0.04 will be required for this project. New right-of-way will consist of residential and forested land.

Impacts to the channel are expected to include removal of existing structure, installation of new structure, and placement of riprap. The INDOT Environmental Section will perform waters and wetlands determinations.

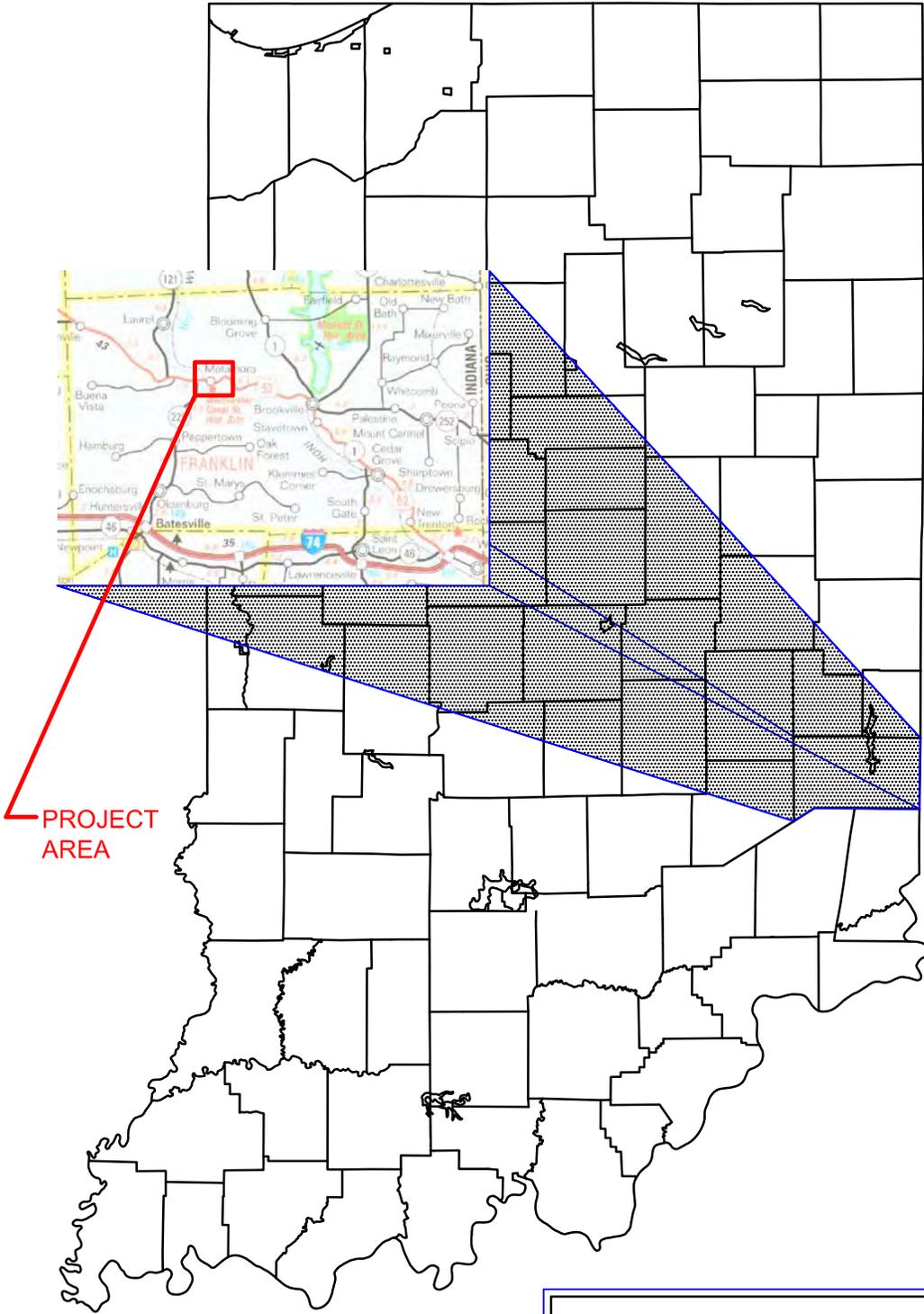
Should we not receive your response **within thirty (30) calendar days** from the date of this letter, it will be assumed that your agency feels that there will be no adverse effects incurred as a result of the proposed project. However, should you find that an extension to the response time is necessary; 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 or bwilliamson@indot.in.gov

Thank you in advance for your input.

Sincerely,

Brad Williamson
Environmental Scientist
INDOT Seymour District

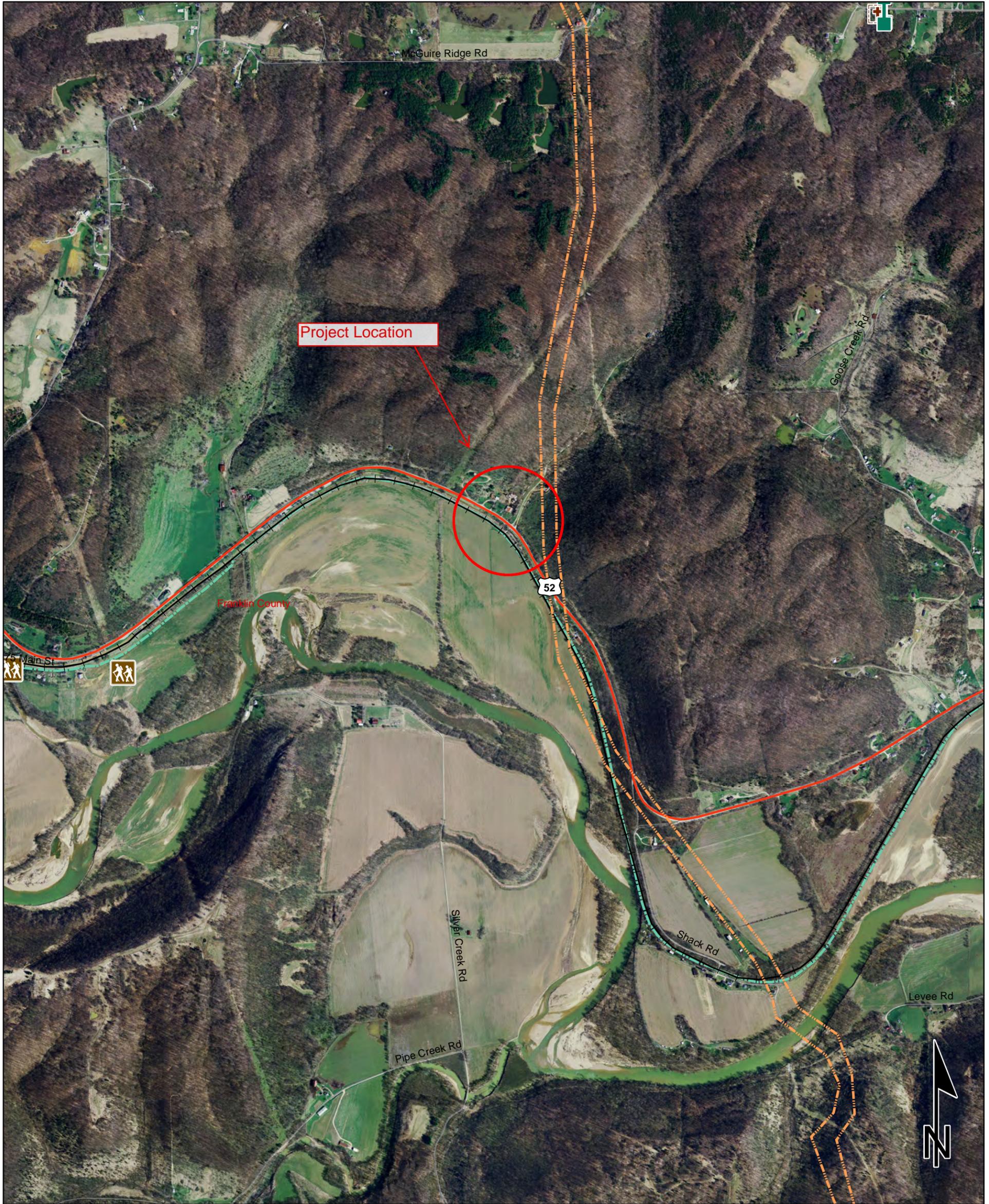
BLW/XXX
Attachment



**PROJECT
AREA**

**Des. No. 0710638
Small Structure Replacement
US 52 2.48 Miles East of SR 229
Franklin County**

SR 52 2.48 miles east of SR229
 Des.0710638. , Small Structure Replacement
 Franklin County, Indiana



Project Location

Franklin County

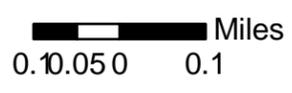
52

Silver Creek Rd

Pipe Creek Rd

Shack Rd

Levee Rd

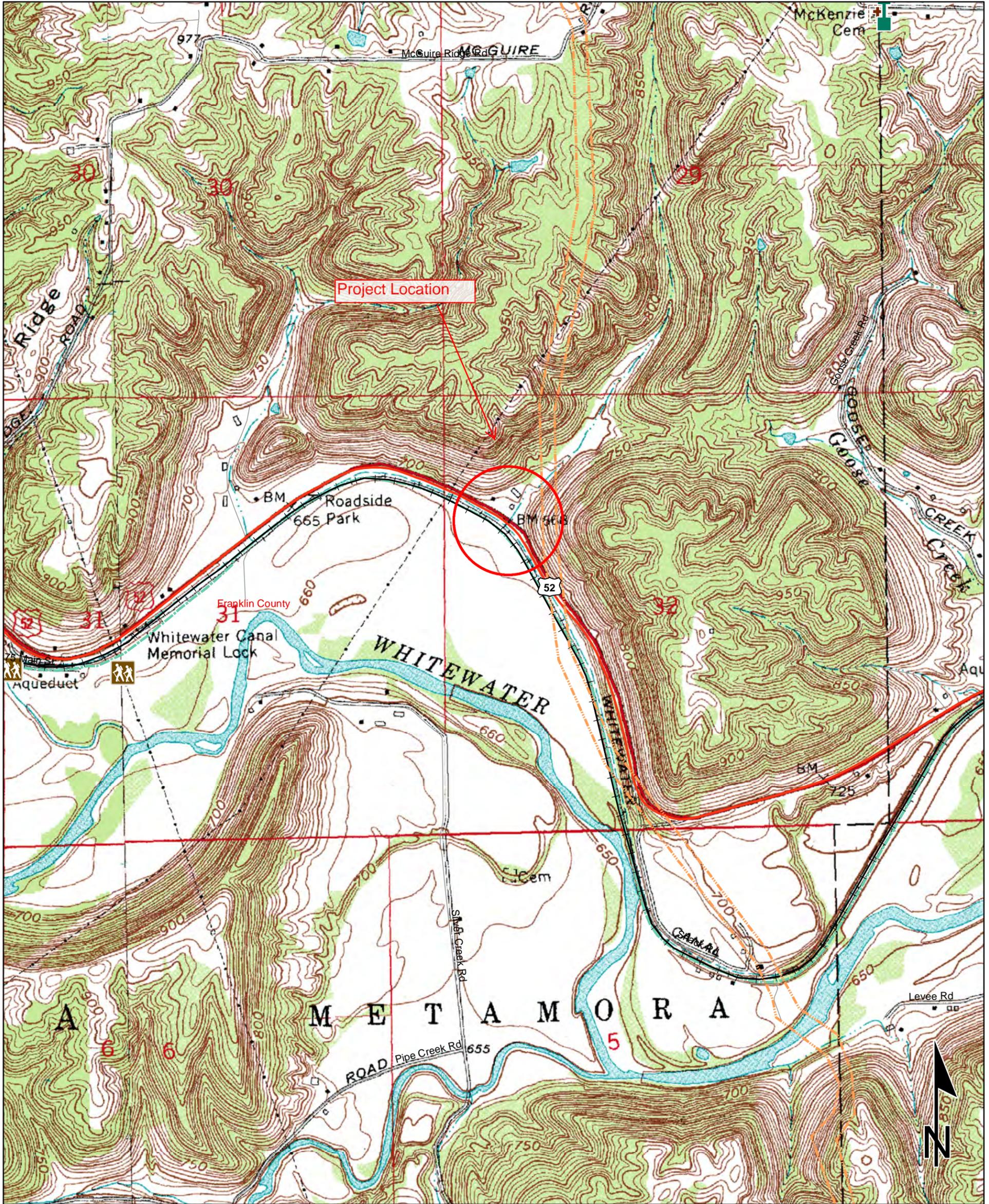


This map is intended to serve as an aid in graphic representation only. This information is not warranted for accuracy or other purposes.

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

	Religious Facility		Recreation Facility		Project Area
	Airport		Pipeline		Half Mile Radius
	Cemetaries		Railroad		Interstate
	Hospital		Trails		State Route
	School		County Boundary		US Route
					Local Road

SR 52 2.48 miles east of SR229
 Des.0710638. , Small Structure Replacement
 Franklin County, Indiana



0.1 0.05 0 Miles

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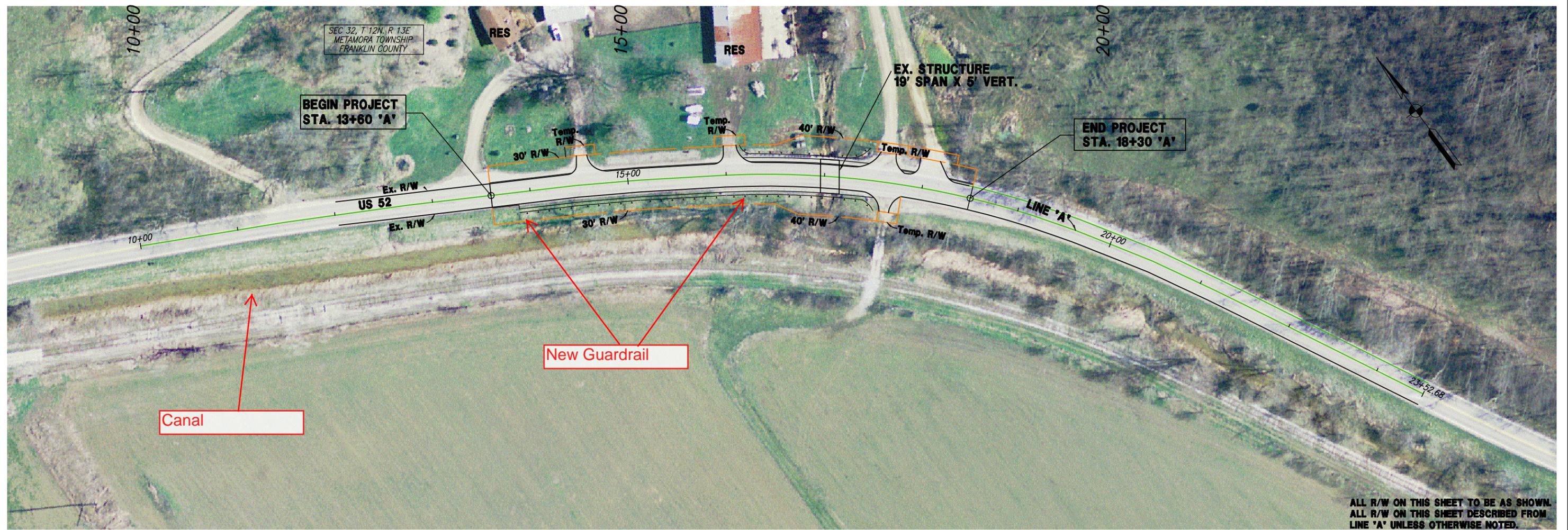
Non-Orthophotography

Data - Obtained from the State of Indiana Geographical Information Office Library

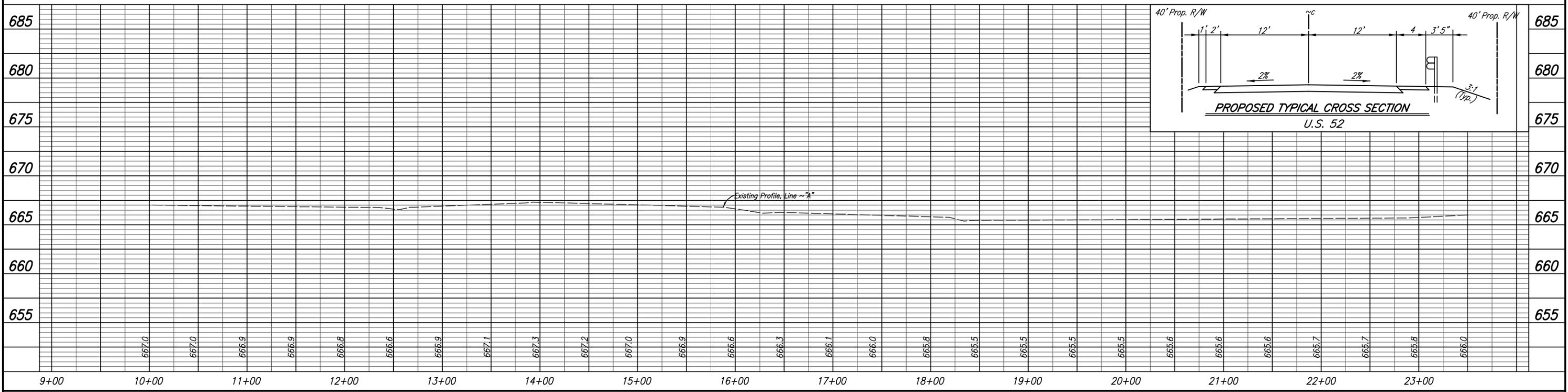
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Map Projection: UTM Zone 16 N **Map Datum:** NAD83

	Religious Facility		Recreation Facility		Project Area
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ALL R/W ON THIS SHEET TO BE AS SHOWN.
ALL R/W ON THIS SHEET DESCRIBED FROM
LINE 'A' UNLESS OTHERWISE NOTED.



					NOT FOR CONSTRUCTION	DESIGNED: JUF DRAWN: MO CHECKED: GRW CHECKED: JJF		INDIANA DEPARTMENT OF TRANSPORTATION SMALL STRUCTURE REPLACEMENT US 52 FRANKLIN COUNTY		HORIZONTAL SCALE 1" = 100'		BRIDGE FILE	
										VERTICAL SCALE		DESIGNATION 1710638	
										SURVEY BOOK		SHEETS A-6 of PROJECT	
										CONTRACT			

Designation # 0710638, US 52 Small Structure Replacement 2.48 miles east of SR 229 in Franklin County, Indiana



Photo 1-Southeast quadrant from structure on US 52



Photo 2-Looking west at canal from bridge over canal



Photo 3-Southeast quadrant from structure on US 52



Photo 4-Looking north at structure outlet



Photo 5-Repeat of photo 4



Photo 6-Northwest quadrant from structure on US 52



Photo 7-Looking east at canal from bridge over canal



Photo 8-Northeast quadrant from structure on US 52



Photo 9-Inlet of structure on the north side of US 52



Photo 10-Northeast quadrant from east of structure on US 52