**DES. # 1702882**

**LEGAL NOTICE OF PLANNED IMPROVEMENT**

The Indiana Department of Transportation (INDOT) is developing plans for proposed US 36 over Mud Creek Bridge Replacement, 1.59 miles west of US 27 in Randolph County.

The purpose of this project is to restore the structural integrity of the crossing for approximately 50-75 years, have a condition rating of at least 7 or better indicating “good” and maintain serviceability for travel on US 36. The need for the project is due to the deterioration of both the substructure and superstructure on the existing bridge, structure # 036-68-03477B (NBI No. 011800), as identified in the May 14, 2019, Bridge Inspection Report. The substructure has been in place since 1982 with portions being reused in 1941 as identified in the December 28, 2017 INDOT Mini Scope. The existing deterioration includes longitudinal cracking at the centerline and wheel paths on the wearing surface, cracking and efflorescence on the concrete slab of the superstructure, and heavy cracking with efflorescence and rust staining on the end bent caps of the substructure. There is also rebar exposure on both the superstructure and substructure.

The project proposes to address the deteriorated condition of bridge 036-68-03477B with a bridge replacement. The project includes replacing the existing three-span, continuous reinforced concrete slab bridge (036-68-03477B) with a new bridge (036-68-10346). Demolition of the existing structure includes the removal of the existing piers down to the pile cap, with excavation 1.5 feet below the bottom of the creek bed. The new structure will be a three-span, continuous, reinforced-concrete slab bridge supported by 14-inch-diameter, steel shell piles. The spans will be 25 feet 0 inches, 34 feet 6 inches, and 25 feet 0 inches. The structure will not be skewed. The bridge clear roadway width is 35 feet 4 inches with an out-to-out coping width of 38 feet 4 inches. The new bridge will be approximately 84 feet long. Since the proposed bridge is longer than the existing bridge by 12.8 feet, the creek banks will be reshaped accordingly. Eighteen-inch revetment riprap over geotextiles will be placed along the bridge spill slopes. Riprap will be placed along the toe of the slope of the channel for stabilization. The proposed shoulders are approximately 2 feet wider than the existing shoulders, therefore the side slopes will need to be reconstructed. Riprap will be installed along the reconstructed ditch as it approaches the creek. The existing guardrail will be replaced with new guardrail.

The proposed construction of this project will require 1.17 acres of new permanent right-of-way and 0.14 acre of temporary right-of-way.

The maintenance of traffic (MOT) plan proposes closure of US 36 for approximately 7 months. An official state detour route utilizing SR 1, SR 32, and US 27 will be used during construction. Local roads may be used by local traffic. Access to all properties will be maintained throughout construction. School corporations and emergency services will be notified of closures prior to construction. The proposed start of construction is Spring 2023.

The cost associated with this project is approximately 1.78 million which includes preliminary engineering, right-of-way, construction with both federal and state funds anticipated to be used. The Federal Highway Administration (FHWA) and INDOT have agreed this project falls within the guidelines of a Categorical Exclusion (CE) Level 2 environmental document. Preliminary design plans along with the CE are available for review at <https://www.in.gov/indot/about-indot/central-office/welcome-to-the-greenfield-district/us-36-over-mud-creek-bridge-replacement/>.

**All interested persons may request a public hearing be held and/or express their concerns by submitting comments to the attention of INDOT Greenfield District customer service, 855-463-6848,** [**indotgreenfieldcustomerservice@indot.IN.gov**](mailto:indotgreenfieldcustomerservice@indot.IN.gov) **on or before September 24, 2021.**

In accordance with the Americans with Disabilities Act (ADA), persons and/or groups requiring project information be made available in alternative formats are encouraged to contact the INDOT Office of Public Involvement for the arrangement and coordination of services. Please contact INDOT Greenfield District customer service 855-463-6848, [indotgreenfieldcustomerservice@indot.IN.gov](mailto:indotgreenfieldcustomerservice@indot.IN.gov). In accordance with Title VI of the Civil Rights Act of 1964, persons and/or groups requiring project information be made available in another language are encouraged to contact the INDOT Office of Public Involvement.

This notice is published in compliance with: 1) Code of Federal Regulations, Title 23, Section 771 (CFR 771.111(h)(1) stating, “Each State must have procedures approved by the FHWA to carry out a public involvement/public hearing program.”; 2) 23 CFR 450.210(a)(1)(ix) stating, “Provide for the periodic review of the effectiveness of the public involvement process to ensure that the process provides full and open access to all interested parties and revise the process, as appropriate.”; and 3) The INDOT *Public Involvement Policies and Procedures* approved by the Federal Highway Administration on August 16, 2012.