

Design Exception Request

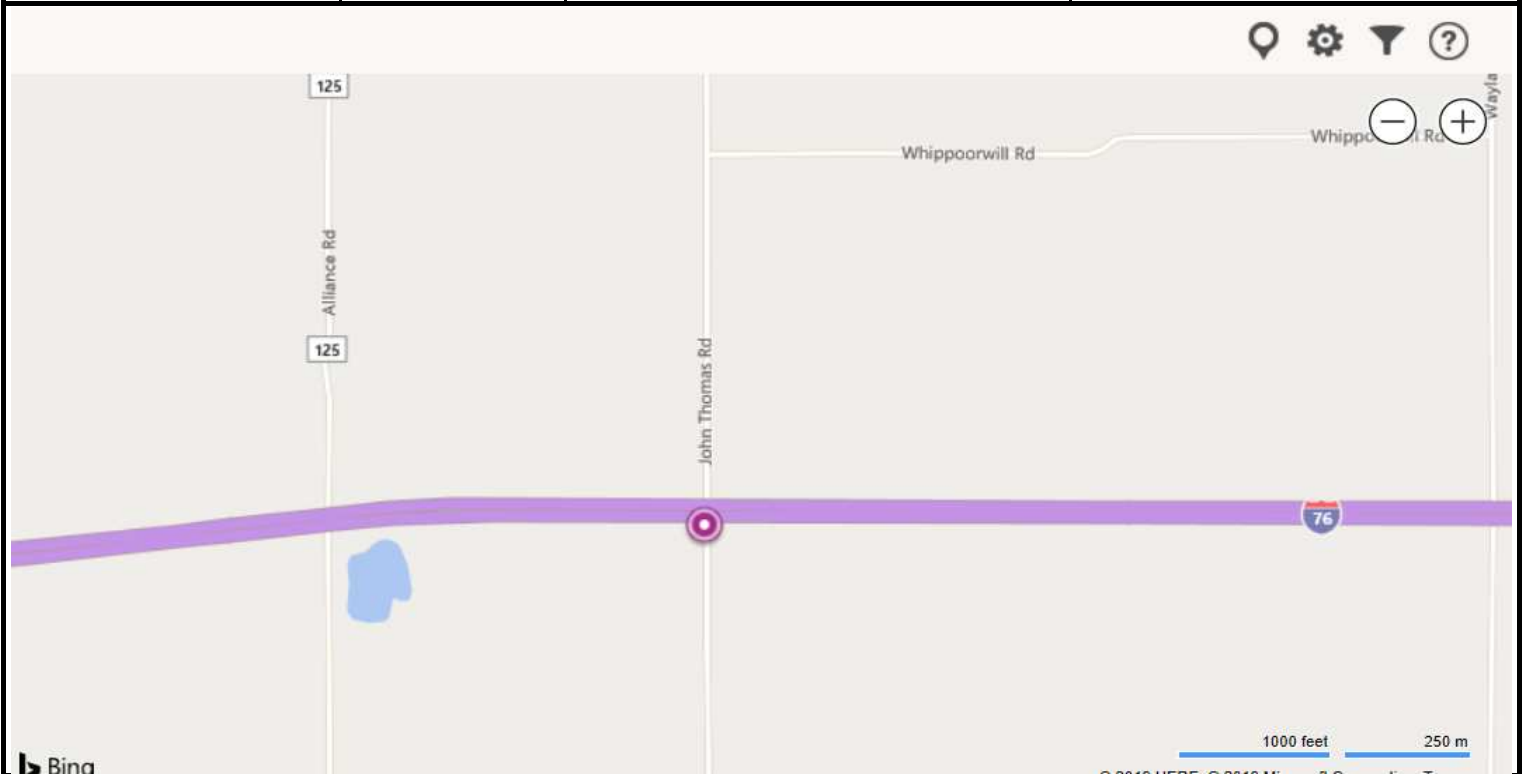
POR IR 0076 16.58/21.18

PID: 102858; Request 01

Letting Type: ODOT-Let

Design Designation

Current ADT (2022)	360	Td	0
Design Year ADT (2042)	460	Design Speed	50
Design Hourly Volume (2042)	55	Legal Speed	45
Directional Distribution	60%	Design Functional Class	7 - Local Roads
Trucks (24hr B&C)	3%	Functional Class Area Type	Rural
		NHS Project	No



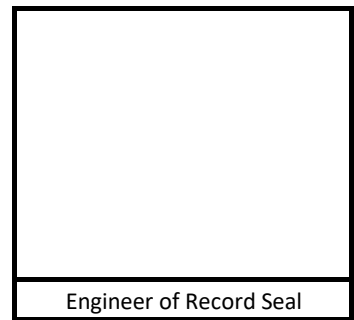
Submitted By:

Joshua Conley
(Engineer of Record)

Approved by:

David Holstein

Approval Date: 7/19/2019



Engineer of Record Seal

Design Exception Request

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Controlling Criteria Identification

Controlling Criteria	Standard	Existing (a.)	Proposed
Lane Width	11	10	10
Shoulder Width			
Horizontal Curve Radius			
Maximum Grade			
SSD (Horizontal & Crest			
Pavement Cross Slope			
Superelevation Rate			
Vertical Clearance			
Design Loading Structural			

(a.) "Existing" may be N/A (i.e. New alignment or new ramp)

Project Description

Project includes bridge deck replacement and minor approach work for CR 137 (John Thomas Rd) over IR 76 (SLM 16.58) and CR 73 (Milton Newton Rd) over IR 76 (SLM 21.18).

Section Description

The proposed project will improve the structural capacity of the bridge carrying CR 137 (John Thomas RD) over IR 76 (SLM 16.58) by replacing the deck and improve safety by increasing the vertical clearance over IR-76 to 16.5 feet.

Proposed Mitigation

None

Support for Deviation (Benefit-cost, R/W, Environmental, Constructability, Coordination with Other Projects, Relationship between any crash patterns and proposed design exception, etc.):

Project is a deck replacement. Existing approach lanes on both sides of the bridge are only 10' wide. Widening the bridge while maintaining the desired design load will require addition of a beam line and reconfiguration of the beam placement requiring replacement of all cross frames. Crash data for the past 5 years was checked. There have been no reported accidents on CR 137 during this period.

Does the requested Design Exception location fall within a Safety Integrated Project (SIP) Map Location?

No

Does the crash analysis (GCAT and CAM Tool) show any patterns that would be adversely impacted by the proposed Design Exception?

Signature Certificate

 Document Reference: 6IE9S3JEMJ48RPTLA3PJN5

RightSignature
Easy Online Document Signing

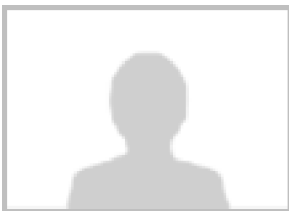


David Holstein
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Digital Fingerprint Checksum

16a68c8038ad6c2d4a64219a86e94e610bfea037



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a2b122ad7c05f2ff6c20355942b12a5da3239084



Timestamp

2019-07-22 05:16:18 -0700
2019-07-22 05:16:16 -0700
2019-07-22 05:15:41 -0700
2019-07-22 04:49:25 -0700
2019-07-22 04:49:01 -0700
2019-07-22 04:48:19 -0700
2019-07-22 04:13:50 -0700

Audit

All parties have signed document. Signed copies sent to: Derek Troyer, Rinaldo Spano, PE, Christi Collins, David Holstein, and Joshua Conley.
Document signed by David Holstein (dave.holstein@dot.ohio.gov) with drawn signature. - 156.63.133.86
Document viewed by David Holstein (dave.holstein@dot.ohio.gov). - 156.63.133.86
Document signed by Joshua Conley (jconley@jmt.com) with drawn signature. - 104.129.194.56
Joshua Conley attached a file (Filename: Joshua_Conley_PE_Seal.JPG) - 104.129.194.56
Document viewed by Joshua Conley (jconley@jmt.com). - 196.17.100.196
Document created by Christi Collins (christi.collins@dot.ohio.gov). - 156.63.133.86



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