

Design Exception Request

FAI-33-2.64

PID: 77555; Request 03 (Service Road 2)

Letting Type: ODOT-Let

Design Designation

Service Road 2; 0-0.15

Current ADT (2026)	40	Td	0
Design Year ADT (2046)	60	Design Speed	55
Design Hourly Volume (2046)	7	Legal Speed	55
Directional Distribution	0.60	Design Functional Class	7 - Local Roads
Trucks (24hr B&C)	0.03	Functional Class Area Type	Rural
		NHS Project	No



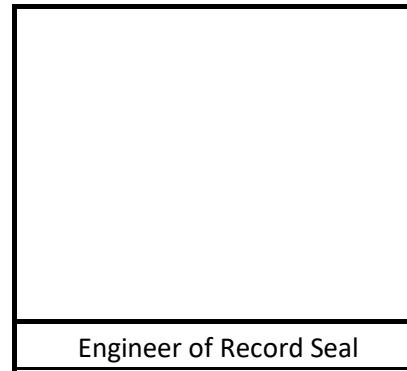
Submitted By:

Tony W. Grieshop
(Engineer of Record)

Approved by:

Adam Koenig

Approval Date: 7/22/2024



Engineer of Record Seal

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Controlling Criteria Identification

Section: Service Road 2; 0-0.15

Controlling Criteria	Standard	Existing (a.)	Proposed
Lane Width			
Shoulder Width			
Horizontal Curve Radius	R=955' (Dc=6°00'00")	N/A New Roadway (Service Road 2)	P.I. Sta. 27+89.68 (Curve 17) = R=114.59' (Dc=50°00'00")
Maximum Grade			
SSD (Horizontal & Crest Vertical)			
Pavement Cross Slope			
Superelevation Rate	P.I. Sta. 24+23.00 (Curve 16) = 0.035 P.I. Sta. 27+89.68 (Curve 17) = 0.080	N/A New Roadway (Service Road 2)	P.I. Sta. 24+23.00 (Curve 16) = Normal Crown P.I. Sta. 27+89.68 (Curve 17) = 0.040 (Fairfield Co Std - Emax = 0.04)
Vertical Clearance			
Design Loading Structural Capacity			

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

Project Description

Replace the existing intersection of US 33 and Pickerington Road with an interchange and remove the Allen Road intersections.

Section Description

Service Road 2 is a new 800 ft. road that will be maintained by Fairfield County to connect properties north of US 33 on the west side of Pickerington Road because of the new interchange.

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.):

The deficient horizontal curve is at a stop condition at Pickerington Road. Additional R/W would be required to provide a standard curve. The 0.04 superelevation is Fairfield County's maximum standard rate allowed. The road is designed per Fairfield County standards. Service Road 2 is approximately 800 ft. in length and services 4 properties.

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?

No