

LPA SCOPE OF SERVICES FORM

A. Project Identification

County	Butler	Route	Union Centre Blvd (CR 2821)	Section	7.25-8.00
Project sponsor / Maintenance responsibility:			Butler County Engineer's Office		
Local Let	X		ODOT Let		
Field review date:	1/18/2024		Scope meeting date:	1/18/2024	
Highway Functional Classification		Minor Arterial			
PID	120680				
Fiscal Year	2028		Proposed sale date:	2/1/2028	

B. Design Standard

ODOT L&D: AASHTO

LPA must identify and attach any locally developed design standards proposed for the project for review and acceptance by the ODOT District.

C. Project Description

Purpose and Need:	Existing roadway has horizontal curves with inadequate superelevation resulting in loss of vehicle control and roadway departures.
Project Description:	Improve safety by increasing pavement cross slope and superelevation on horizontal curves, installing edge line rumble strips along shoulders and resurfacing. No widening.
Prior studies / plan (identify):	1999 widening project. Overlayed in 2012. Micro-milled in 2023
Estimated Project Length: (limits of physical work)	0.63 Mi
Work Length: (project length & approach work, e.g. MOT signage)	0.75Mi

Alignment	Existing	X	New	
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Profile	Existing	X	New	
Logical Termini: (w/explanation)	Approximately 300 feet east of the northern leg of Chappell Crossing Boulevard to the intersection of West Chester Road. May extend to Beckett for resurfacing (local money).			

D. Typical Sections

Existing:

Width:	Pavement	60'	Graded Shoulder	Varies	Treated Shoulder	6'
R/W	Varies 100' to 135'					
Bridge	face to face of rails	N/A		toe to toe of parapets	N/A	
Curbs		Yes		No	X	
Curb ramps		Yes		No	yes (1 ramp at frontgate driveway)	
Sidewalks	Yes	x	No		Comment	
Guardrail	Yes	x	No		Type	Short sections on either side

Existing Signals:	Yes:	X	No:		Number: 1
Locations:	Lakota Drive West				
Ex. Warrants?:	N/A				

Proposed:

Width:	Pavement	Match Existing	Graded Shoulder	Match Existing	Treated Shoulder	Match Existing
Bridge	face to face of rails	N/A		toe to toe of parapets	N/A	
Median:	Yes		No	X	Type	
Curbs:	Yes		No	X	Type	
Curb ramps:	Yes	TBD	No	TBD	Comment	May touch the 1 ramp at Frontgate drive
Sidewalks	Yes		No	X	Comment	Leave existing as is
Guardrail	Yes		No	X	Type	Leave existing as is

Proposed Signals:	Yes:		No:	X	Number:	
Locations:	N/A					
Warrants:	N/A					
ITS Coordination (CFR 940):	Major ITS:			Minor ITS:		
				Non-ITS:		X
Procedures for CFR 940 ITS Compliance follow Part 13 to ODOT Traffic Engineering Manual						
Comments:	None					

Opportunities for Safety Improvements

Crash History/Potential Countermeasures	Roadway Departures
Twice, micro-milling has been utilized to increase the roughness, but this has only been a temporary solution as accidents have increased as the pavement has aged. Improving the superelevation of horizontal curves and the installation of edge line rumble strips are the best countermeasures.	

Supplemental Information

ADT	25,150 vpd (2023)	Design ADT	31,400 vpd (2048)
DHV	None Provided	Certified Traffic	None Required
T24	None Provided		
Design Speed	45 MPH	Legal Speed	45 MPH
Comments:	ODOT will provide traffic data.		

E. Right-of-Way

Right-of-Way Plan:	Yes	X	No	
Approximate # of Parcels:	1 (Temporary)			
Relocations:	Yes		No	X
Railroad Involvement:	Yes		No	X
Railroad Name:	N/A			
Encroachments:	N/A			
Airway Highway Clearance:	Yes		No	X
Airport Name	N/A			
Comments:	Double check for surrounding hospitals, roughly 4 miles away.			

Note: Provide a footprint of proposed and existing right of way limits as soon as available to District Env. Coordinator and District Real Estate Administrator.
 Caution: Environmental needs to be clear prior to the beginning of right of way acquisition. A Local, utilizing their own monies, assumes many risks by proceeding with acquisition prior to environmental being cleared. These risks include purchasing r/w that may never be used for the project and purchasing a site that contains the need for a hazardous waste cleanup.

F. Utilities

Aerial:

Phone	Yes		No	X	Company	
Cable	Yes		No	X	Company	
Power	Yes		No	X	Company	

Buried:

Phone	Yes	X	No		Company	Altafiber/AT&T		
Cable	Yes	X	No		Company	Spectrum		
Power	Yes	X	No		Company	Duke		
Gas	Yes	X	No		Company	Duke		
Pipelines	Yes		No	X	Company			
Water	Yes	X	No		Private		Public	Butler County Water/Sewer
Sanitary Sewer	Yes	X	No		Private		Public	Butler County Water/Sewer
Storm Sewer	Yes	X	No		Private		Public	Butler County
Other	(To be determined)							
Comments	BCEO must ensure that the necessary r/w is available for utility relocations.							

G. Structure Requirements

Existing Structure information:

Existing Structure Information:					
Structure type:	N/A				
Sufficiency Rating:		General Appraisal		Bridge No.	

Structure File No.		Crossing	
Bridge length:			
No. of Spans			
Eligible for the National Register of Historic Places	Yes		No

Proposed Structure:

New Structure:	Yes		No	X
Rehabilitate Ex. Bridge	By:			
Structure width:		Structure type:		
No. of spans:				
Beam Type:	Concrete Box		Steel	
Other Design Considerations / Explanation of Change in Line/Grade:				
Guardrail Type:				

H. Design Exception(s) required

Yes		No	X	Possible	
Explain:					

I. Traffic Control (Permanent)

Signing:	Yes		No	X	Remarks	
Striping:	Yes	X	No		Remarks	Thermoplastic
Lighting:	Yes		No	X	Remarks	
RPM's:	Yes	X	No		Remarks	

J. Maintenance of Traffic

Detour		Part Width	X
Remarks:	Access to properties within construction limits will be maintained.		

Maintenance of Pedestrian and Bicycle Traffic:	Yes		No	X
Remarks:				

K. Driveways

Yes	X	No		Type	Asphalt and Concrete commercial drives
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L. Project Funding

Project Cost Estimate:	\$1,147,000				
Sources of Funding:	CEAO HSIP, Local				
Quantity splits required:	Yes	TBD	No	TBD	
Comments:	Potential resurfacing to Beckett, would be local plan split				
Coordination with Concurrent Projects:	Yes		No	X	
Comments:	CEAO HSIP (SAC 4HB7) construction (CO and CE) funding capped at \$1,095,240 with 20% local match required.				

Detailed Cost Estimates and Participation:

	Federal Funds/Percent Split			Local Funds/Percent Split		
PE						
RIGHT OF WAY						
UTILITIES						
CONSTRUCTION	\$917,600	80%	20%	\$229,400		20%
CONST ENGINEERING	\$64,232	80%		\$16,058		20%
TOTAL	\$981,832			\$245,458		

M. Environmental

Scope of the Proposed Action /Involvement with Resources:				
These are actions and/or items the District Environmental Staff deems necessary to address as part of the LPA project environmental documentation. This form is not all inclusive, and more items may be required upon initiation of agency coordination and field studies. Additional information regarding these items can be found on the Office of Environmental Services - Environmental Tool Kits webpage at http://www.dot.state.oh.us/Divisions/Planning/Environment/training/Pages/Toolkits.aspx				
	Not required	Required	Responsibility	Comments
Tentative CE Level <u>C2</u>		X	BCEO	
Purpose and Need Statement	X			
Section 106 Scoping Request Form		X	ODOT	
Cultural Resource Phase 1	X			
Cultural Resource Phase II	X			
Mitigation	X			
Cultural Resource Section 4(f)	X			
Data Recovery Plan-Documentation for Consultation	X			
Section 4(f)/6(f)-Park/Recreation	X			
Ecological Survey Level 1		X	BCEO	Use eco-exempt form if applicable
Ecological Survey Level 2	X			
Wetland Survey	X			
Section 9/Section 10 Stream	X			
404 NWP-Army Corps of Engineers	X			
404 PCN-Army Corps of Engineers	X			
404 Individual Permit-Army Corps of Engineers	X			
401 OEPA Certification Application	X			
Coast Guard Coordination	X			
ODNR Coastal Zone	X			

Scenic River	X			
Farmland Screening or FCIR		X	BCEO	Follow OES Guidance
Public Involvement		X	BCEO	Standard PI letters with NEPA compliance
Public Meeting/Hearing	X			
Regulated Material Review Screening		X	BCEO	
RMR Investigation / Assessment	X			
Drinking Water Resources		X	BCEO	Follow OES Guidance
Flood Plain/Flood Way		X	BCEO	Follow OES Guidance
Underserved Populations		X	BCEO	Follow OES Guidance
Noise Study		X	BCEO	Follow OES Guidance
Air Quality		X	BCEO	Follow OES Guidance

Asbestos Inspection Required:	Yes		No	X
Comment				

Any Known Environmental Concerns (ex. historic properties on National Register, wetlands, underground storage tanks, stream relocation):

ODOT recommends staying out of ditch on the west side of the northern curve. If it leaves the R/w, could be jurisdictional and require a waterway permit.

N. Roles / Responsibilities

Construction plan development: (ODOT Prequalified Consultant must be used if not being prepared in house by LPA)	ODOT Prequalified Consultant [OR] Butler County Engineer's Office
Proposal/Specification Development:	Butler County Engineer's Office
LPA Agreement:	ODOT/Butler County Engineer's Office

Form and preliminary legislation:	N/A
Advertising and award of contract:	Butler County Engineer's Office
Construction inspection:	Butler County Engineer's Office
R/W plan development:	ODOT Prequalified Consultant [OR] Butler County Engineer's Office
R/W acquisition / appraisals:	ODOT Prequalified Consultant [OR] Butler County Engineer's Office
Utility relocation:	Butler County Engineer's Office

O. Field Review

Date:	1/18/2024
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REPRESENTATIVES PRESENT: *See attached sign-in sheet.*

Other Comments/Requirements:	Hydraulics: No BMPs or calcs required.
Curb ramp: Ensure ADA compliance if 1 ramp is touched.	

P. Project Schedule

View Milestones  					
 Milestone 	Date 	Completed	SFY (Qtr)	Other Milestone Information	
 Field Review	 01/18/2024	—	2024 (Q3)		
 Initial Project Scope Complete	 01/18/2024	—	2024 (Q3)		
 NEPA Start Date	 07/01/2024	—	2025 (Q1)		
 Stage 1 Plans - Submitted	 07/01/2024	—	2025 (Q1)		
 Preliminary R/W Review Submission - Submitted	 07/01/2024	—	2025 (Q1)		
 Stage 1 Plans - Complete	 08/01/2024	—	2025 (Q1)		
 Preliminary R/W Review Submission - Approved	 08/01/2024	—	2025 (Q1)		
 Stage 2 Plans - Submitted	 01/06/2025	—	2025 (Q3)		
 Compliance R/W Review Submission- Submitted	 01/06/2025	—	2025 (Q3)		
 Stage 2 Plans - Complete	 02/06/2025	—	2025 (Q3)		
 Compliance R/W Review Submission - Approved	 02/06/2025	—	2025 (Q3)		
 Final R/W Plan Submission - Approved	 02/28/2025	—	2025 (Q3)		
 R/W Authorized	 03/14/2025	—	2025 (Q3)		
 Environmental Document Approved	 07/01/2025	—	2026 (Q1)		
 Stage 3 Plans - Submitted	 08/01/2025	—	2026 (Q1)		
 Stage 3 Plans - Complete	 09/01/2025	—	2026 (Q1)		
 Final Tracings - Submitted	 02/02/2026	—	2026 (Q3)		
 Final Tracings - Complete	 03/02/2026	—	2026 (Q3)		
 R/W Acquisition Complete	 03/13/2026	—	2026 (Q3)		
 Local R/W Certification	 04/01/2026	—	2026 (Q4)		
 District R/W Certification	 04/15/2026	—	2026 (Q4)		
 Local Let PS&E Package to District	 03/01/2027	—	2027 (Q3)		
 Plan Package Submitted to C.O.	 03/31/2027	—	2027 (Q3)		
 Plan Package Received in C.O.	 04/01/2027	—	2027 (Q4)		
 Sale	 12/01/2027	—	2028 (Q2)		
 Award	 02/01/2028	—	2028 (Q3)	Reservoir Year:	
 Begin Construction	 03/31/2028	—	2028 (Q3)		
 End Construction	 11/01/2028	—	2029 (Q2)	Estimated Duration: 200	