

OPWC DISTRICT 4 INTEGRATING COMMITTEE  
FY25 APPLICATION SUMMARY

02

SUBDIVISION: Huber Heights CONTACT PERSON: Stephanie Wunderlich  
PROJECT NAME: Powell Road Realignment

CRITERIA		RESPONSE	
	Project Type	Road	
	General Project Summary	Realignment of two 90-degree curves on Powell Road. Work will include completely reconstructing the roadway, new drive approaches, a new roadway culvert, regrading, highway lighting and all related restoration of approximately 900 feet.	
1.	Priority Project?	Yes	
2.	Total Project Cost	\$803,555	
	Funding Requested SCIP	\$500,000 ( \$250,000 Grant / \$250,000 Loan )	
	Funding Requested LTIP	\$500,000	
	New/ Expansion	\$0	
3.	Type of Request	50% Grant / 50% Loan	
4.	Local Match SCIP	\$553,555	69%
	Local Match LTIP	\$303,555	38%
5.	Economic Health	2	
6.	Infrastructure Age	16 years	
7.	Generation of Revenue	None	
8.	Additional Funding	None	
9.	Readiness of Project	Ready to Proceed	
10.	Health & Safety - Category	Road	
	Response	Road realignment to mitigate excessive accident rate. Curve also does not meet current standards for horizontal curves.	
11.	Addresses District Needs	System Users	Avg. Daily Traffic <b>1432</b>
		Acres Drained	Project in Multiple Communities?
		Percent of Community Served? <b>Less than 25%</b>	
12.	Economic development	n/a	
	# jobs being created		
	# jobs retained		
13.	Relieves Traffic Congestion Responds to Growth	LOS A	<i>LTIP only Criteria</i>
14.	Weighted Useful Life	25 years	
15.	Engineering as % of Construction	7%	
16.	Other Factors	See attached	
COMMENTS			

# 1.0 Project Financial Information (All Costs Rounded to Nearest Dollar)

## 1.1 Project Estimated Costs

### Engineering Services

Preliminary / Final Design: \_\_\_\_\_ .00  
Construction Administration: \_\_\_\_\_ .00  
Total Engineering Services: a.) \_\_\_\_\_ .00 \_\_\_\_\_ %  
Right of Way: b.) \_\_\_\_\_ .00  
Construction: c.) \_\_\_\_\_ .00  
Permits, Advertising, Legal: e.) \_\_\_\_\_ .00  
Construction Contingencies: f.) \_\_\_\_\_ .00  
Total Estimated Costs: g.) \_\_\_\_\_ .00

## 1.2 Project Financial Resources

### Local Resources

Local In-Kind or Force Account: a.) \_\_\_\_\_ .00  
Local Revenues: b.) \_\_\_\_\_ .00  
Other Public Revenues:  
Local / ODOT - Let: \_\_\_\_\_ d.) \_\_\_\_\_ .00  
ODOT PID: \_\_\_\_\_  
OEPA / OWDA: e.) \_\_\_\_\_ .00  
CDBG: f.) \_\_\_\_\_ .00  
Other: \_\_\_\_\_ g.) \_\_\_\_\_ .00  
Subtotal Local Resources: i.) \_\_\_\_\_ .00 \_\_\_\_\_ %

### OPWC Funds (Check all requested and enter Amount)

Grant: \_\_\_\_\_ % of OPWC Funds j.) \_\_\_\_\_ .00  
Loan: \_\_\_\_\_ % of OPWC Funds k.) \_\_\_\_\_ .00 \_\_\_\_\_ yrs  
Loan Assistance / Credit Enhancement: l.) \_\_\_\_\_ .00  
Subtotal OPWC Funds: m.) \_\_\_\_\_ .00 \_\_\_\_\_ %  
Total Financial Resources: n.) \_\_\_\_\_ .00 \_\_\_\_\_ %

# OHIO PUBLIC WORKS COMMISSION

## DISTRICT 4

### FY25 Supplemental Questionnaire

---

**Applicant:** City of Huber Heights

---

**Project Title:** Powell Road Realignment

---

#### Application Summary:

**Briefly describe the project:**

The proposed project is for the improvement of Powell Road between Old Troy Pike (SR 202) and Rip-Rap Road in Huber Heights, Ohio, at the 90-degree turns approximately 2,400 feet west of SR 202.

The City is proposing to realign the roadway to enhance safety for the traveling public, as the roadway, as it exists, is hazardous due to the sharp curves.

The existing s-curve has a posted speed limit of 15mph, and due to existing vegetation, sight distance while navigating the curve is limited. There are also several utility poles very near the edge of pavement, creating an opportunity for drivers to strike poles should they depart the roadway while navigating the curves.

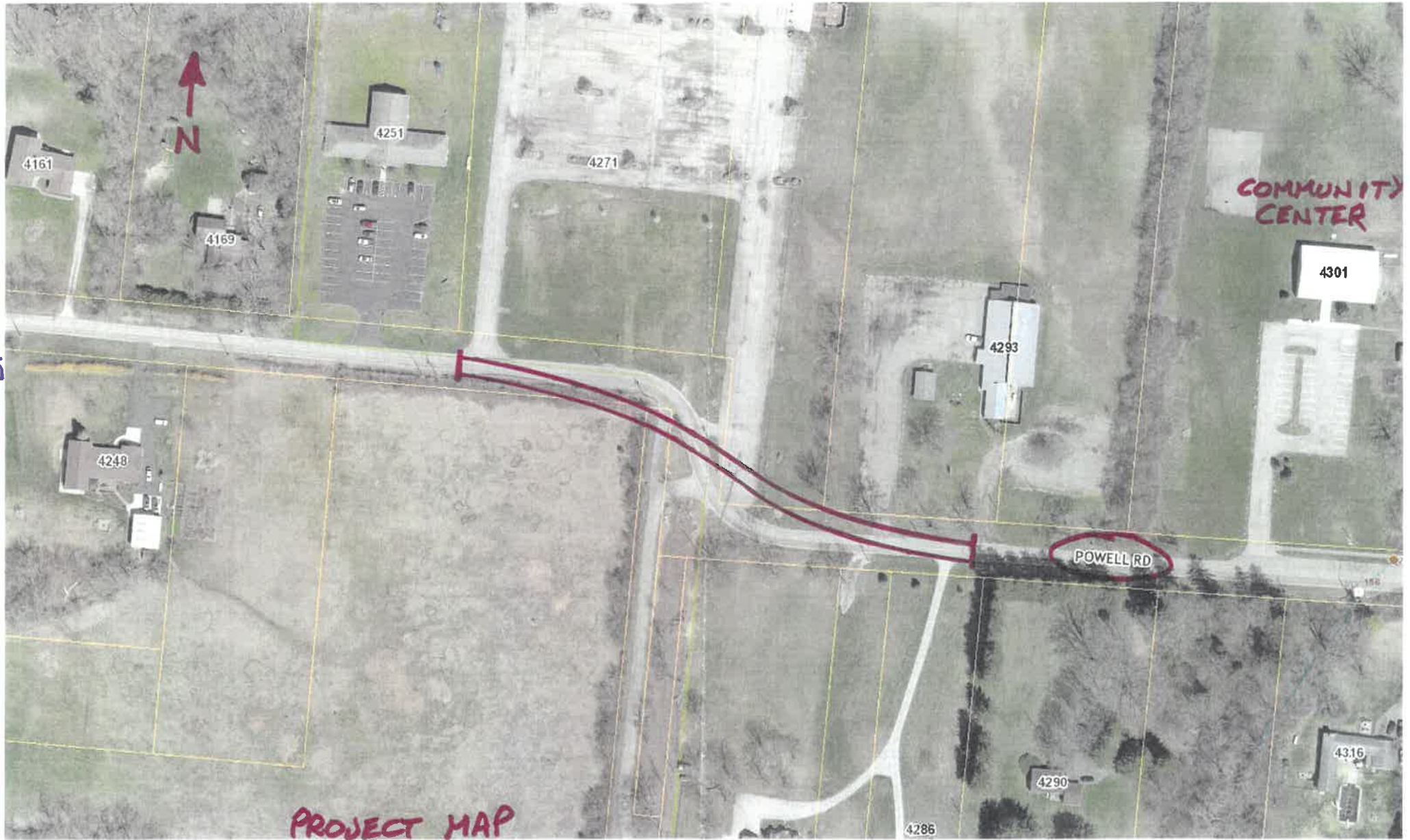
Based on the analysis of Powell Road's S-curve, it has been determined that the curve does not meet the standards for horizontal curves as specified in the ODOT Location & Design Manual, Volume 1. It is possible that the higher percentage of injury crashes occurring in these curves could be attributed to this non-compliance, as the geometry may not adequately facilitate safe and efficient maneuvering for drivers. Reconstructing the S-curve to meet current design standards could potentially lead to a reduction in the incidence of injury crashes and an overall improvement in road safety.

The project consists of the realignment of the two back-to-back 90-degree curves on Powell Road. Work will include completely reconstructing the roadway, construction of new drive approaches, installation of a new roadway culvert, regrading, highway lighting, and all related restoration in of approximately 900 feet. Utility poles will also be moved further away from the edge of pavement, creating more room for driver error.

## Other Factors

### What other factors exist that make this project more important than other like projects?

Powell Road provides City residents and travelers with a connection between the commercial and residential areas along Troy Pike (SR 202) and the industry and recreational opportunities along Rip Rap/Wagner Ford Road, including access to the Great Miami Recreation Trail, Rip Rap Road Park, and Miami Village Park along Rip Rap Road north of Powell Road, and Cargill Corn Milling on Rip-Rap/Wagner Ford south of Powell Road.



PROJECT MAP

COMMUNITY CENTER

POWELL RD



1 in = 100 ft

City of Huber Heights

Date: 5/3/2023

