



1296 STONE ROAD
CHILLICOTHE, OHIO 45601

On Behalf of the Ross County Shoemaker Airport, I would like to fully endorse and support the grant application submitted by the Ross County Board of Commissioners for the Ross County Union Heights Wastewater Infrastructure Improvements Project.

The Union Heights Water Treatment plant located off State Route 104, in the Union Heights Subdivision is at the end of its life. This treatment plant currently supports 150 homes that discharge into an activated sludge wastewater treatment package plant. This wastewater plant is deteriorating and is beyond ability of repair. The Ross County Union Heights Wastewater Infrastructure Improvements Project would decommission and demolish the existing Union Heights Wastewater Treatment Plant, construct new pump stations, force main, and gravity sewers. These improvements will provide superior services for current and future Union Heights residents, and providing potential development at the Ross County Shoemaker Airport, and underdeveloped acreage along the State Route 104 Corridor.

There are currently approximately 200 acres of potentially developable land for airport, industrial, and commercial use surrounding the Ross County Shoemaker Airport and many more in the State Route 104 Corridor. This wastewater infrastructure project could in turn help the airport and Union Heights residents, but potentially aid in the county's economic development efforts. It is in the best interest of the community and that of the Ross County Shoemaker Airport to have a community wastewater conveyance and treatment system.

Please register my support of the Ross County Union Heights Wastewater Infrastructure Improvements project.

Ross County Shoemaker Airport

A handwritten signature in black ink, appearing to read 'Jim Parks', written over a horizontal line.

Jim Parks, Owner/President

Ross County Agricultural Society

P. O. BOX 614, CHILLICOTHE, OHIO 45601



Sponsor of the Ross County Fair

FAIRGROUNDS: STATE ROUTE 104 NORTH

I am writing in my capacity as the President of the Ross County Agricultural Society, the sponsor of the Ross County Fair. We would like to express our support for the Ross County Board of Commissioners Union Heights Wastewater Infrastructure Improvements Project.

The Union Heights Wastewater Infrastructure Improvements Project will significantly improve surface and groundwater quality, as well as update the antiquated system currently located in the Union Heights Subdivision.

The Ross County Fairgrounds houses the largest campground in the state of Ohio, with 1500 camping sites occupying approximately 150 acres. The improvements that would come from the Union Heights Wastewater Infrastructure Improvements would allow The Agricultural Society to remove the dump stations located on the premises, and connect to the lift station the wastewater infrastructure would provide.

The Ross County Agricultural Society has made it a goal to expand the grounds for the community. This wastewater infrastructure would give The Agricultural Society the opportunity to build more agricultural buildings, and camp sites.

In conclusion, The Ross County Agricultural Society fully supports the efforts of the Ross County Board of Commissioners as they seek funding for the Union Heights Wastewater Infrastructure Improvements project, as it will improve and benefit our community at large.

Sincerely,

Ross County Agricultural Society

Bradford Cosenza, President



Commissioners of Ross County

THE GREAT SEAL COUNTY OF OHIO * THE STATE'S FIRST CAPITAL

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Phone: 740-772-1188

R. Douglas Corcoran, Vice President
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Chillicothe, Ohio 45601
Phone: 740-773-9279

James E. Lowe, Commissioner
176 Main Street
Frankfort, Ohio 45628
Phone: 740-466-7831

Ross County Union Heights Wastewater Infrastructure Improvements

The Ross County Board of Commissioners are aware that Representative Wenstrup is preparing to distribute Community Project Funding supporting wastewater and drinking water infrastructure projects. In a preliminary review of your mission and funding requirements, it appears the Ross County Union Heights Wastewater Treatment Plant meets your criteria in order to submit a funding proposal. Ross County wishes to apply for your Environmental Protection Agency – State and Tribal Assistance Grant (STAG).

Ross County proposes to decommission and demolish the existing Union Heights Wastewater Treatment Plant, construct 3 new pump stations, 41,500 linear feet of force main, and approximately 3,500 linear feet of gravity sewer. This will improve the services for current and future Union Heights residents, while aiding in potential development at the Ross County Shoemaker Airport, and the Ross County Fairgrounds. Ross County authorized a route study, and the preferred route is a combination of the improvements proposed in option 2A and 3B following this narrative. The total cost for this project is estimated at \$12,287,805.00.

The new wastewater infrastructure will enable more intensive water and sewer disposition uses through a highly robust sewer system. Water capacity and facilities are already in place through the Ross County Community and can service the water capacity needs. In addition, the public and environmental benefits to the project are extremely significant. We believe this project is ideally suited to fulfill the purpose and mission of the State and Tribal Assistance Grant (STAG).

We look forward to hearing from you regarding your application process and how we can proceed with a grant request. Do not hesitate to contact our office at +1 (740) 702-3085 with any questions or concerns.

Sincerely,
Ross County Board of Commissioners


Dwight A. Garrett, President


R. Douglas Corcoran, Vice President


James E. Lowe, Commissioner

FIGURE 1

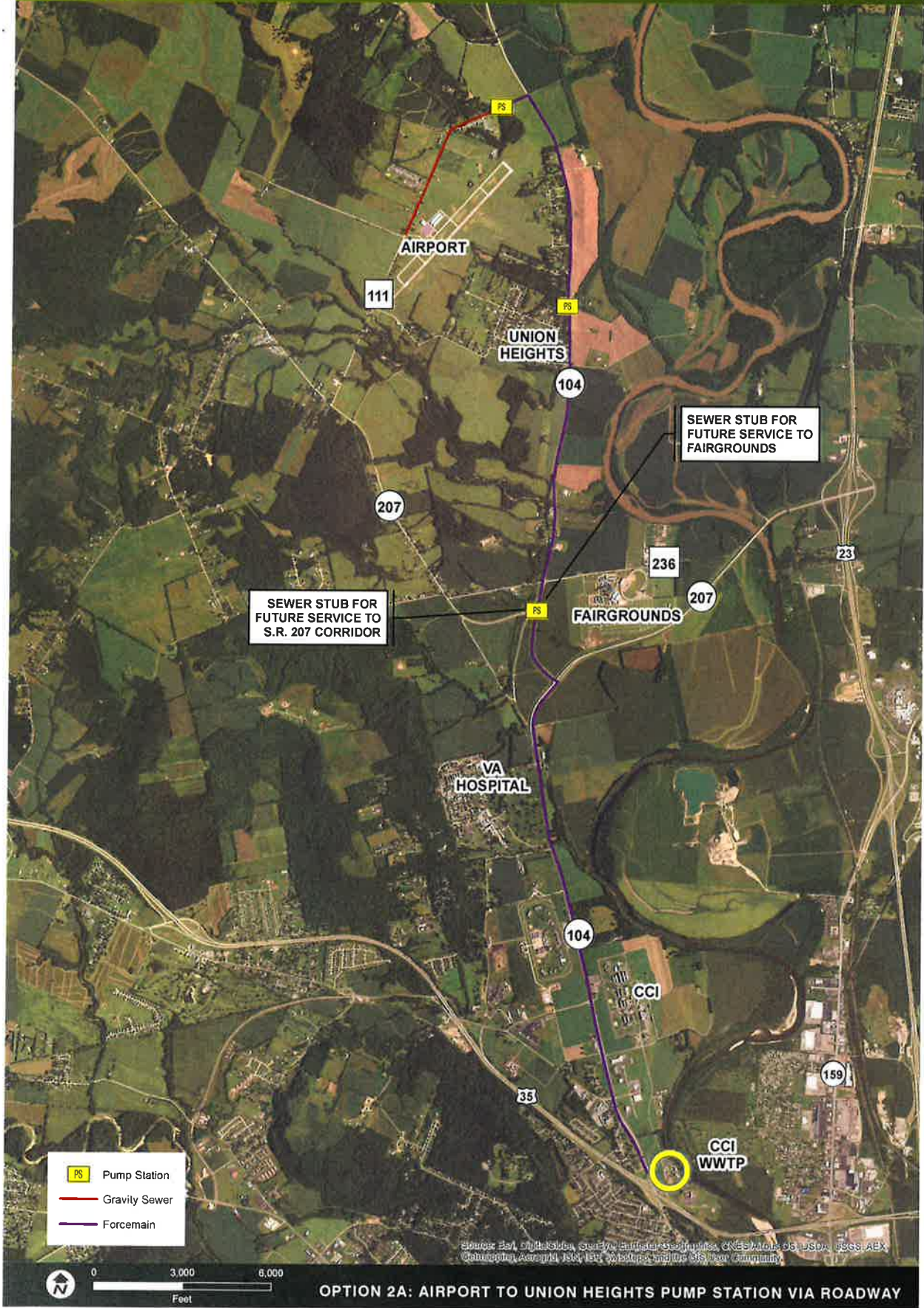


FIGURE 3



OPTION 3B: UNION HEIGHTS AND FAIRGROUNDS CONNECTION

ESTIMATE OF PROBABLE PROJECT COSTS
OPTION 4: Comprehensive Regional Sewer Service
Opinion of Probable Cost - October 2021



project: **Ross County: S.R. 104 Sanitary Study**
 made by: Joe Dameron
 checked: Josh Brooks

job no: 04D52
 date: 10/12/21
 date: 10/12/21

ITEM NO.	ITEM DESCRIPTION	EST. QNTY.	UNIT of MEAS.	TOTAL UNIT BASE COST	TOTAL BASE COST
1	Demolition of Existing Package Treatment Plant	1	LS	\$50,000	\$50,000
2	4" Forcemain	7000	LF	\$55	\$385,000
3	6" Forcemain	9500	LF	\$70	\$665,000
4	10" Forcemain	25000	LF	\$100	\$2,500,000
5	8" Gravity Sewer	3500	LF	\$150	\$525,000
6	Manhole	12	EA	\$4,000	\$48,000
7	Air Release Valve and Vault	9	EA	\$7,500	\$67,500
8	Pump Station (Airport to Union Heights)	1	LS	\$450,000	\$450,000
9	Pump Station (Union Heights to Fairgrounds)	1	LS	\$500,000	\$500,000
10	Pump Station (Fairgrounds to CCI)	1	LS	\$550,000	\$550,000
11	Mobilization	1	LS	\$200,000	\$200,000
12	Clearing and Grubbing	1	LS	\$95,000	\$95,000
13	Pavement Restoration	1	LS	\$200,000	\$200,000
14	Sediment and Erosion Control	1	LS	\$95,000	\$95,000
15	Construction Layout Staking	1	LS	\$95,000	\$95,000
	BASE PROBABLE CONSTRUCTION COST TOTAL				\$6,425,500
	Estimating Contingency (30%)			30%	\$1,927,650
	General Conditions (8%)			8%	\$514,040
	Overhead and Profit (15%)			15%	\$963,825
	Bonds, Insurance (2%)			2%	\$128,510
	Midpoint Escalation Factor (3%-year)			6%	\$385,530
	Permits (\$200 + 0.0065 of construction cost, \$15,100 max)				\$15,100
	Engineering (8%)			8%	\$514,040
	Construction Administration and Inspection (12%)			12%	\$771,060
	Opinion of Probable Project Cost				\$11,645,255
	Project Construction Contingency (10%)			10%	\$642,550
	TOTAL OPINION OF PROBABLE PROJECT COST				\$12,287,805