

National Register of Historic Places Registration Form

This form is for use in nominating or requesting determinations of eligibility for individual properties or districts. See Instructions in *Guidelines for Completing National Register Forms* (National Register Bulletin 16). Complete each item by marking "x" in the appropriate box or by entering the requested information. If an item does not apply to the property being documented, enter "N/A" for "not applicable." For functions, styles, materials, and areas of significance, enter only the categories and subcategories listed in the Instructions. For additional space use continuation sheets (Form 10-900a). Type all entries.

1. Name of Property

historic name O'SHAUGHNESSY DAM & BRIDGE

other names/site number N/A

2. Location

street & number County Road 126 btwn. S.R. 257 & S.R. 745

N/A not for publication

city, town Shawnee Hills

☒ vicinity

state Ohio

code OH

county Delaware

code 041

zip code 43065

3. Classification

Ownership of Property

☐ private

☒ public-local

☐ public-State

☐ public-Federal

Category of Property

☐ building(s)

☐ district

☐ site

☒ structure

☐ object

Number of Resources within Property

Contributing

1

1

Noncontributing

_____ buildings

_____ sites

_____ structures

_____ objects

0 Total

Name of related multiple property listing:

N/A

Number of contributing resources previously
listed in the National Register 0

4. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act of 1966, as amended, I hereby certify that this
☒ nomination ☐ request for determination of eligibility meets the documentation standards for registering properties in the
National Register of Historic Places and meets the procedural and professional requirements set forth in 36 CFR Part 60.
In my opinion, the property ☒ meets ☐ does not meet the National Register criteria. ☐ See continuation sheet.

Signature of certifying official

Date

State or Federal agency and bureau

In my opinion, the property ☐ meets ☐ does not meet the National Register criteria. ☐ See continuation sheet.

Signature of commenting or other official

Date

State or Federal agency and bureau

5. National Park Service Certification

I, hereby, certify that this property is:

☐ entered in the National Register.

☐ See continuation sheet.

☐ determined eligible for the National
Register. ☐ See continuation sheet.

☐ determined not eligible for the
National Register.

☐ removed from the National Register.

☐ other, (explain):

Signature of the Keeper

Date of Action

6. Function or Use

Historic Functions (enter categories from instructions)

Industry/waterworksTransportation/road-relatedTransportation/pedestrian-related

Current Functions (enter categories from instructions)

Industry/waterworksTransportation/road-related**7. Description**

Architectural Classification

(enter categories from instructions)

Neo-ClassicalSecond Renaissance Revival

Materials (enter categories from instructions)

foundation Concretewalls Concrete, Brickroof Ceramic tileother Limestone, brick, bronze**Describe present and historic physical appearance.**Description of O'Shaughnessy Dam

The O'Shaughnessy Dam is a concrete masonry dam, of the gravity overflow type, straight in plan, and 1,750 ft. in length, including the approaches. The masonry portion of the dam is 879 ft. long, measured face to face of copings on the abutments. The two approaches have a total length of 871 ft., but they are not of equal length, the east approach being slightly longer than the west one.

Crossing the Dam, above the overflow or spillway section, is a reinforced concrete arch bridge of twelve spans, each span measuring 64 ft. 6 in. in the clear. The net length of the spillway, under the bridge, after deducting the length of the bridge piers and the outlet gatehouse, is 765.7 ft.

The crest of the spillway is 64 ft. above low water in the river on the downstream side of the Dam and 84 ft. above the rock foundation. The roadway on the bridge is 21.3 ft. above the crest of the spillway making, therefore, a total height of dam from rock foundation to roadway level of 105.3 ft. [3]

Spillway Channels

With the width of spillway adopted it was necessary to provide spillway channels below the Dam on each side of the river. This was accomplished by excavating benches in the rock, the benches being curved in plan and sloping down stream from the toe of the apron until the river bank is reached. These benches vary in width from a minimum of 32 ft. 11 in. to a maximum of 103 ft. 3 in., and in height from a minimum of 5 ft. to a maximum of 20 ft. In excavating these spillway channels a double purpose was served; not only do they provide for guiding flood-water down to the river, but they also furnished most of the rock for the construction of the dam.

With water passing over the spillway of the dam it flows along these benches and, at the same time, spills over from one bench to the next lower one until it reaches the river. The greater the flow the longer the travel of the water longitudinally over the benches. With any considerable volume of flow over the dam, it is a beautiful sight to see the water rush along the spillway benches and tumble over from one bench to the next. [4]

Description of O'Shaughnessy Dam Bridge

At Powell Road, about 2,000 ft. above the Dam, a county highway crossed the river on a 2-span, steel, truss bridge, 240 ft. in length. With the filling of the reservoir this bridge would have been submerged. As it was not feasible to abandon a crossing of the reservoir or river at or near this point, the choice then lay between raising the existing bridge about 51 ft., adding new trusses at each end, and building long

United States Department of the Interior
National Park Service

FEB 22 1990

National Register of Historic Places
Continuation Sheet

O'Shaughnessy Dam and Bridge, Shawnee Hills, Ohio, Delaware County

Section number 7 Page 1

expensive approaches, and the construction of a new bridge. Comparative estimates showed that it would be considerably cheaper to build a bridge across the Dam and to abandon the crossing at Powell Road. This solution of the problem was adopted after it had been submitted to and approved by the County Commissioners of Delaware County, in which the Dam and reservoir are located.

The bridge consists of twelve reinforced concrete arches and has a total length of 879 ft., measured face to face of copings on the abutments at each end of the spillway. The arches are segmental, the intrados being struck on a radius of 52 ft. 9 5/16 in. Each arch has a clear span of 64 ft. 6 in. and a rise of 11 ft. The thickness at the crown is 18 in., and at the springing line, 3 ft. At right angles to the axis of the bridge, measured along the intrados the arches have a length of 19 ft. 4 in.

The roadway over the arches has a clear width of 17 ft. 6 in., and is carried by reinforced concrete slabs supported by spandrel and curtain-walls extending down to the arch rings, except that, for a length of 21 ft. 6 in. at the center of each arch, the concrete slabs are supported on a cinder fill made directly over the arch rings. The roadway surface is a vitrified brick pavement, 4 in. thick, laid on a 1 in. sand cushion. The joints in the brick were grouted with an asphalt filler.

The roadway is drained by cast-iron inlets spaced at frequent intervals along each side of the pavement. The storm water is collected above the arches and is discharged through the arches, or through the piers, depending on the arrangement of the details.

On each side of the roadway is a 4-ft. sidewalk, consisting of a reinforced concrete slab carried on cantilever brackets anchored to the arch ring at the center of the arch and to the spandrel walls over the haunches at other points. The balustrade on each sidewalk, together with the pylons, is constructed of blue Indiana limestone, sawed, planed, turned, or chiseldressed, and finished by sand rubbing to a clean, smooth, uniform surface. [5]

Approaches

At each end of the spillway section the approach consists of a rolled earth embankment or dike with concrete core wall. The approaches are 25 ft. 6 in. wide on top and have side slopes of 1 on 2, except that the stone paving below the berm, on the up-stream side of the dike, has a slope of 1 on 3. The top of the dike is at Elevation 866.25, that is, 21 ft. 3 in. above the crest of the spillway and 8 ft. 9 in. above a high-water level, corresponding to the 1913 flood plus 50 per cent. On the reservoir side of the dike the 1 on 2 slope terminates at a berm 10 ft. in width and located 1 ft. 6 in. above high water. The slope paving begins at the outer edge of the berm, and, at the lower end, is either keyed into the rock or abuts against a concrete to-wall. It is from 12 to 18 in. in thickness and is bedded on 12 in. of free-draining broken stone.

The concrete core wall is 3 ft. wide at the top, has a batter of 1/2 in. in 1 ft. on each side, and is keyed 12 in. into solid rock. The top is at Elevation 858.5 or 1 ft. above high-water.

The roadway on each approach is of bituminous macadam, the width, 17 ft. 6 in., being the same as the clear width, between curbs, of the roadway on the bridge over the spillway. On each side of the roadway the edge of the embankment is protected by a fence built of reinforced concrete posts and rails. Just before the approaches connect with the masonry abutments at each end of the spillway, concrete steps on each side of the roadway provide access to the natural surface of the ground. [6]

United States Department of the Interior
National Park Service

FEB 22 1990

National Register of Historic Places
Continuation Sheet

O'Shaughnessy Dam and Bridge, Shawnee Hills, Ohio, Delaware County

Section number 7 Page 2Outlet Gate-House

The outlet gate-house is 32 ft. square, inside dimensions, and is located at the center of the spillway, projecting out from the up-stream side of the Dam. When water is drawn from storage it is taken through the gate-chamber immediately below. In the gate-chamber are two sets of chambers or wells, each set consisting of two separate walls connected by sluice-gates. There is no connection between the two sets of wells, thus providing duplicate means of drawing water from the reservoir. In case of repair to any sluice-gate one set of wells can be shut off. [7]

The gate-house superstructure is built of cut and dressed blue Indiana limestone, matching that in the balustrade on the bridge, and is lined inside with a light-colored, salt-glazed face brick. The roof is constructed of steel trusses carrying concrete slabs 3 in. in thickness. The covering is of bright red mission tile laid on a bedding of Nalecode nailing concrete, 1½ in. thick. The doors and windows are of hollow metal construction built of heavy hard copper, stiffened, and reinforced. The windows are glazed with ½ in. polished wire woven glass. The superstructure houses the hand-operated, ball-bearing sluice-gate stands and also a 2-ton, hand-operated crane for raising and lowering the screens, stop-planks, etc. [8]

Power Gate-House

At the west end of the spillway is a power gate-house. This was built so that, should the city, in the future, wish to develop power at certain times of the year, that is, with reservoir full and water overflowing the spillway, or when water is drawn from storage, say, from the upper 10 or 15-ft. depth in the reservoir, it could do so by constructing a hydro-electric power plant below the Dam, on the west side of the river. [9]

The power gate-house is slightly smaller in size than, but of the same construction as, the outlet gate-house. [10]

Pavilion

To balance the structure as a whole, a pavilion has been built at the east end of the spillway. It is similar in construction and dimensions to the power gate-house, except that the wall panels between the pilasters have been omitted on all four sides. In the three sides other than that next to the roadway, balustrades, similar to those on the bridge, have been built, both for protection and architectural effect. From the pavilion a commanding view is obtained, especially up stream across the reservoir. [11]

United States Department of the Interior
National Park Service

FEB 22 1990

National Register of Historic Places Continuation Sheet

O'Shaughnessy Dam and Bridge, Shawnee Hills, Ohio, Delaware County

Section number 7 Page 3

Summary of Principal Data Relating to the O'Shaughnessy Dam and Reservoir

For convenience of reference the principal data relating to the dam and reservoir may be summarized, as follows:

Date of construction.....	1922-1925
Total length of dam, in feet.....	1,750
Length of masonry part of dam, in feet...	879
Length of earth approaches, including concrete abutments, in feet.....	871
Height of spillway above low water in river, in feet.....	64
Height of dam from rock foundation to crest of spillway, in feet.....	84
Height of dam from rock foundation to roadway level, in feet.....	105.25
Height of roadway above spillway, in feet	21.25
Maximum width of dam at base, in feet....	110
Width of paved roadway, in feet.....	17.5
Width of sidewalks, in feet.....	4
Net length of spillway, in feet.....	765.7
Maximum flood capacity of spillway, in cubic feet per second.....	110,000
Depth of water over spillway with maximum flood, in feet.....	12.5
Total available storage capacity, reservoir full, in gallons.....	5,341,000,000

[12]

National Register of Historic Places Continuation Sheet

O'Shaughnessy Dam and Bridge, Shawnee Hills, Ohio, Delaware County

Section number 7 Page 4

References

1. "THE O'SHAUGHNESSY DAM AND RESERVOIR," paper no. 1715, presented to the fall meeting of the American Society of Civil Engineers, 10/12/27. Transactions of the American Society of Civil Engineers, vol. 93 p. 1429 (1929).
2. "THE O'SHAUGHNESSY DAM AND RESERVOIR," paper no. 1715, presented to the fall meeting of the American Society of Civil Engineers, 10/12/27. Transactions of the American Society of Civil Engineers, vol. 93 p. 1429 (1929).
3. "THE O'SHAUGHNESSY DAM AND RESERVOIR," paper no. 1715, presented to the fall meeting of the American Society of Civil Engineers, 10/12/27. Transactions of the American Society of Civil Engineers, vol. 93 p. 1435 (1929).
4. "THE O'SHAUGHNESSY DAM AND RESERVOIR," paper no. 1715, presented to the fall meeting of the American Society of Civil Engineers, 10/12/27. Transactions of the American Society of Civil Engineers, vol. 93 pp. 1461-1463 (1929).
5. "THE O'SHAUGHNESSY DAM AND RESEVOIR," paper no. 1715, presented to the fall meeting of the American Society of Civil Engineers, 10/12/27. Transactions of the American Society of Civil Engineers, vol. 93 pp. 1452-1457 (1929).
6. "THE O'SHAUGHNESSY DAM AND RESERVOIR," paper no. 1715, presented to the fall meeting of the American Society of Civil Engineers, 10/12/27. Transactions of the American Society of Civil Engineers, vol. 93 p. 1457 (1929).
7. "THE O'SHAUGHNESSY DAM AND RESERVOIR," paper no. 1715, presented to the fall meeting of the American Society of Civil Engineers, 10/12/27. Transactions of the American Society of Civil Engineers, vol. 93 p. 1457 (1929).
8. "THE O'SHAUGHNESSY DAM AND RESERVOIR," paper no. 1715, presented to the fall meeting of the American Society of Civil Engineers, 10/12/27. Transactions of the American Society of Civil Engineers, vol. 93 p. 1458 (1929).

FEB 22 1977

National Register of Historic Places Continuation Sheet

O'Shaughnessy Dam and Bridge, Shawnee Hills, Ohio, Delaware County

Section number 7 Page 5

9. "THE O'SHAUGHNESSY DAM AND RESERVOIR," paper no. 1715, presented to the fall meeting of the American Society of Civil Engineers, 10/12/27. Transactions of the American Society of Civil Engineers, vol. 93 p. 1461 (1929).
10. "THE O'SHAUGHNESSY DAM AND RESERVOIR," paper no. 1715, presented to the fall meeting of the American Society of Civil Engineers, 10/12/27. Transactions of the American Society of Civil Engineers, vol. 93 p. 1461 (1929).
11. "THE O'SHAUGHNESSY DAM AND RESERVOIR," paper no. 1715, presented to the fall meeting of the American Society of Civil Engineers, 10/12/27. Transactions of the American Society of Civil Engineers, vol. 93 p. 1461 (1929).
12. "THE O'SHAUGHNESSY DAM AND RESERVOIR," paper no. 1715, presented to the fall meeting of the American Society of Civil Engineers, 10/12/27. Transactions of the American Society of Civil Engineers, vol. 93 p. 1489 (1929).

8. Statement of Significance

Certifying official has considered the significance of this property in relation to other properties:

☐ nationally ☐ statewide ☒ locally

Applicable National Register Criteria ☒ A ☐ B ☒ C ☐ D

Criteria Considerations (Exceptions) ☐ A ☐ B ☐ C ☐ D ☐ E ☐ F ☐ G

Areas of Significance (enter categories from instructions)

Architecture

Community Planning and Development

Period of Significance

1922-1925

Significant Dates

1922-1925

Cultural Affiliation

N/A

Significant Person

N/A

Architect/Builder

Frank L. Packard, Architect

Thompson-Starrett Company, Builder

State significance of property, and justify criteria, criteria considerations, and areas and periods of significance noted above.

The O'Shaughnessy Dam and Bridge is eligible for listing on the National Register of Historic Places under Criteria A and C. The bridge was designed by Frank L. Packard, a leading central Ohio architect as the centerpiece of a five year program of water works improvements completed in the 1920's.

Built between 1922 and 1925, the O'Shaughnessy Dam and Bridge retains integrity of setting, design, materials, workmanship, and historical association to the present day. Architectural features of the structure remain intact including spillway channels, twelve reinforced concrete arches, two gate houses topped by red tile roofing material, and a central pavilion.

The bridge and dam were designed in the Neo-Classical style, but also evidence Second Renaissance Revival influence. The Neo-Classical style was first popularized by the 1893 World's Columbian Exposition. During the early 20th Century numerous monumental civic structures were designed in this style. Common stylistic elements evidenced by the bridge and dam include the symmetrical arrangement of the gate houses and observation pavilion, the use of dressed limestone, and the unadorned wall surfaces. The Second Renaissance Revival influence is seen in the round arch openings and the tile roof.

The O'Shaughnessy Dam and Bridge is the only documented bridge designed by Frank L. Packard, a Columbus architect known more for his courthouses, city halls, jails, public schools, and colleges in Ohio and West Virginia. The combined bridge and dam is the only historic structure of its kind on the Scioto River in the Columbus metropolitan area. Other Neo-Classical bridges on the Scioto River are located in downtown Columbus at Town, Main, and Broad Streets and were built between 1915 and 1917. A later masonry bridge south of O'Shaughnessy Dam at SR 161 was built in 1935 and substantially altered in 1985. The Broad Street Bridge is to be replaced in 1990.

The water supply of the City of Columbus is taken from the Scioto River. In 1908 the city completed a five year program of important water works improvements which included the construction of a water purification and softening works and pumping station adjacent to the river, about two miles from the city center. In the fall of 1925 the city completed a

United States Department of the Interior
National Park Service

National Register of Historic Places
Continuation Sheet

O'Shaughnessy Dam and Bridge, Shawnee Hills, Delaware County, Ohio

Section number 8 Page 2

second five year program including enlargement of the water purification and softening works and the construction of a second masonry dam and storage reservoir on the Scioto River.

When the second five year program was begun in 1920 Jerry O'Shaughnessy was the superintendent of the Columbus Water Works. He had been in the employ of the department for nearly fifty years and was a principal planner behind the city water improvement programs. O'Shaughnessy did not live to see the completion of these projects but city officials, wishing to recognize O'Shaughnessy's contributions, named the new bridge and dam after him.

A bronze tablet was placed on the new structure with the following inscription: "By Resolution of the Council of the City of Columbus, Adopted, February 7, 1921, This Dam Was Named and Designated the 'O'Shaughnessy Dam' in Honor of the Late Jerry O'Shaughnessy, Who So Faithfully and Well Served The City as Superintendent of Its Water Works for Many Years."

The O'Shaughnessy Dam was a popular central Ohio attraction by its completion on August 1, 1925. At least two verses were written in local newspapers celebrating its beauty. Postcards and souvenirs with the image of the Dam were available in the area. The bridge over the Dam's spillway, which was added to the structure to accommodate the loss of the nearly Powell Road Bridge, was built as a twelve span reinforced concrete closed spandrel arched bridge, a type selected not only because the construction benefitted the local economy, but also because they could take advantage of the picturesque setting. The Dispatch newspaper reported that officials of the Thompson-Starrett Company told the mayor that Columbus had one of the best and cheapest pieces of construction in the country. (1)

During the week before its dedication on May 15, 1926, news of the event monopolized front pages of all three major daily newspapers. About 2,000 people attended the ceremony which was carried over the radio and documented by newsreel. Speakers at the ceremony included Mayor Thomas, former Mayor George Karb, and John J. Lentz, president of the American Insurance Union. The Ohio State Journal editorialized, "The city does two things in dedicating the O'Shaughnessy Dam. It formally celebrates the completion of another project that will yield rich fruit to the Columbus of the future, and it again honors the memory of the man who for so many years served the city so faithfully and so well . . . Columbus takes pride in its water supply and the dedication of the new dam is a red letter day in its history." (2)

The bridge over the dam is currently the subject of plans for replacement to accommodate increased traffic between Columbus and southern Delaware County. The area around the O'Shaughnessy Dam has been the scene of rapid residential development. The Columbus Zoo, located adjacent to the Dam, is also looking at expansion plans. It is hoped by members of the historic preservation community that the architectural character of the dam and bridge will not be compromised to facilitate further development.

(1) Columbus Sunday Dispatch, 5/26/1926, front page of news and features section.

(2) Ohio State Journal, 5/15/1926, page 4.

Previous documentation on file (NPS):

N/A

- ☐ preliminary determination of individual listing (36 CFR 67) has been requested
- ☐ previously listed in the National Register
- ☐ previously determined eligible by the National Register
- ☐ designated a National Historic Landmark
- ☐ recorded by Historic American Buildings Survey # _____
- ☐ recorded by Historic American Engineering Record # _____

☒ See continuation sheet

Primary location of additional data:

- ☒ State historic preservation office
- ☐ Other State agency
- ☐ Federal agency
- ☐ Local government
- ☐ University
- ☐ Other

Specify repository:

Ohio Historic Preservation Office

10. Geographical Data

Acreage of property _____

UTM References

A

1	7
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3	1	7	9	1	0
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4	4	1	5	8	0	0
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Zone Easting Northing

C

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B

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--	--	--	--	--	--	--	--

Zone Easting Northing

D

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☐ See continuation sheet

Verbal Boundary Description

O'Shaughnessy Dam is contained on the east and west by the Scioto River. The structure is 1,750 feet long and 21.5 feet wide at the roadway level.

☐ See continuation sheet

Boundary Justification

The boundary includes the dam, and bridge which crosses the Scioto River at County Road 126.

☐ See continuation sheet

11. Form Prepared By

name/title Jerry O'Shaughnessy / Sandra Davies, Ohio Historic Preservation Office

organization _____ date November 9, 1989

street & number 1439 Ashland Avenue telephone 614-487-0940 / 466-2645

city or town Columbus state Ohio zip code 43212

United States Department of the Interior
National Park Service

National Register of Historic Places
Continuation Sheet

O'Shaughnessy Dam and Bridge, Shawnee Hills, Ohio, Delaware County

Section number 9 Page 1

Columbus Dispatch 5/11/26 p. 1; 5/12/26 p. 3; 5/13/26 p. 3;
5/14/26 pp. 1, 3; 5/15/26 p. 1; 5/15/26 pp. 17-18. Ohio State
Journal 5/15/26 p. 1; 5/16/26 p. 1, 2, 3, 6, 9. Columbus
Citizen, 5/14/26 p. 1, 2; 5/15/26 p. 1, 20; 5/17/26 p.2. See
Mayor Thomas' address in Sunday Dispatch 5/16/26, front page
of Feature and News Events of Columbus.

"The O'Shaughnessy Dam," Ohio State Journal p. 4 5/15/26.

"2000 See O'Shaughnessy Dam Dedicated to Service of City,"
Ohio State Journal, 5/16/26 p. 1.

"The O'Shaughnessy Dam and Reservoir," paper no. 1715,
presented to the fall meeting of the American Society of Civil
Engineers, 10/12/27. Transactions of the American Society of
Civil Engineers, vol. 93 p. 1495 (1929).

Donald C. Jackson, (1988) Great American Bridges and Dams, pp
35-38. Washington: Preservation Press.

Telephone conversation with historian and bridge expert David
Simmons, 5/5/89.

FE

O'Shaughnessy Dam and Bridge
Shawnee Hills, Delaware, Ohio

PHOTOGRAPHS

1. Name of property: O'Shaughnessy Dam
2. City and state where property is located: Shawnee Hills, OH
3. Name of photographer: Jerry O'Shaughnessy
4. Date of photograph: November 09, 1989
5. Location of original negative: Jerry O'Shaughnessy
6. Description of view indicating direction of camera:
7. Photograph number:

Items numbered one through five are identical. Items six and seven are as follows:

- Photo no. 1
On Dam looking East (Pavilion).
- Photo no. 2
Southeast side of Dam looking North
(Pavilion & Observation deck).
- Photo no. 3
On East side Observation deck
looking North (Pavilion).
- Photo no. 4
Inside of Pavilion looking North
(Pavilion interior).
- Photo no. 5
Inside of Pavilion looking North
(Pavilion interior).
- Photo no. 6
Inside of Paviliion looking
North-Northwest (Pavilion interior).
- Photo no. 7
Northwest side of Dam (upstream) looking
Southeast (Pavilion & Outlet Gatehouse).
- Photo no. 8
Northwest side of Dam looking Southeast
(closeup of Outlet Gatehouse).

O'Shaughnessy Dam and Bridge
Shawnee Hills, Delaware, Ohio

PHOTOGRAPHS

Photo no. 9
Southwest side of Dam (downstream)
looking Northeast (Outlet Gatehouse &
Bridge).
Photo no. 10
Southwest side of Dam looking North
(Power Gatehouse & Observation deck).
Photo no. 11
On East side Observation deck looking
East (Balustrade).
Photo no. 12
On East side Observation deck looking
East (closeup of Balustrade).
Photo no. 13
Southwest side of Dam looking Northeast
(Piers & Arches).
Photo no. 14
North of Dam (upstream) looking South
(Outlet Gatehouse, Arches, Piers, &
roadway).
Photo no. 15
North of Dam looking South (Power &
Outlet Gatehouses, Arches, & general
overview).
Photo no. 16
South side (downstream side) of Dam looking
North-Northwest.
Photo no. 17
Southwest of Dam looking Northeast.
Photo no. 18
Southwest of Dam looking Northeast.
Photo no. 19
South of Dam looking North.
Photo no. 20
Southeast (downstream) of Dam looking north-
west.
Photo no. 21
South of Dam looking Northeast.
Photo no. 22
Southwest of Dam looking Northeast
Photo no. 23
Southeast of Dam looking West.

Photos 16-23 taken
June 21, 1989

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES
EVALUATION/RETURN SHEET

REQUESTED ACTION: NOMINATION

PROPERTY O'Shaughnessy Dam and Bridge
NAME:

MULTIPLE
NAME:

STATE & COUNTY: OHIO, Delaware

DATE RECEIVED: 2/22/90

DATE OF PENDING LIST: 3/06/90

DATE OF 16TH DAY: 3/22/90

DATE OF 45TH DAY: 4/08/90

DATE OF WEEKLY LIST:

REFERENCE NUMBER: 90000482

NOMINATOR: STATE

REASONS FOR REVIEW:

APPEAL: N DATA PROBLEM: N LANDSCAPE: N LESS THAN 50 YEARS: N
OTHER: N PDIL: N PERIOD: N PROGRAM UNAPPROVED: N
REQUEST: N SAMPLE: N SLR DRAFT: Y NATIONAL: N

COMMENT WAIVER: N

___ACCEPT ___RETURN 4/5/90 REJECT ___DATE

ABSTRACT/SUMMARY COMMENTS:

It does not appear that the entire resource is shown on the USGS map provided. Does it cross on over to the adjoining map? If so, please provide both. Also, no acreage figure has been provided. Please clarify. Finally, the verbal boundary description does not clearly state that the boundary of the nominated area is the dam itself. Please clarify.

RECOM./CRITERIA Return
REVIEWER Pattick Andrews
DISCIPLINE Historian
DATE 4/5/90

DOCUMENTATION see attached comments Y/N see attached SLR Y/N

CLASSIFICATION

____count ____resource type

STATE/FEDERAL AGENCY CERTIFICATION

FUNCTION

____historic ____current

DESCRIPTION

____architectural classification
____materials
____descriptive text

SIGNIFICANCE

Period Areas of Significance--Check and justify below

Specific dates Builder/Architect
Statement of Significance (in one paragraph)

____summary paragraph
____completeness
____clarity
____applicable criteria
____justification of areas checked
____relating significance to the resource
____context
____relationship of integrity to significance
____justification of exception
____other

BIBLIOGRAPHY

GEOGRAPHICAL DATA

____acreage ____verbal boundary description
____UTMs ____boundary justification

ACCOMPANYING DOCUMENTATION/PRESENTATION

____sketch maps ____USGS maps ____photographs ____presentation

OTHER COMMENTS

Questions concerning this nomination may be directed to

Signed Patrick Andrus Phone _____
Date 4/5/90

National Register of Historic Places Registration Form

DIVISION OF
NATIONAL REGISTER PROGRAMS
NATIONAL PARK SERVICE

This form is for use in nominating or requesting determinations of eligibility for individual properties or districts. See instructions in *Guidelines for Completing National Register Forms* (National Register Bulletin 16). Complete each item by marking "x" in the appropriate box or by entering the requested information. If an item does not apply to the property being documented, enter "N/A" for "not applicable." For functions, styles, materials, and areas of significance, enter only the categories and subcategories listed in the instructions. For additional space use continuation sheets (Form 10-900a). Type all entries.

1. Name of Property

historic name O'SHAUGHNESSY DAM & BRIDGE
other names/site number N/A

2. Location

street & number County Road 126 btwn. S.R. 257 & S.R. 745 N/A not for publication
city, town Shawnee Hills ☒ vicinity
state Ohio code OH county Delaware code 041 zip code 43065

3. Classification

Ownership of Property

- ☐ private
☒ public-local
☐ public-State
☐ public-Federal

Category of Property

- ☐ building(s)
☐ district
☐ site
☒ structure
☐ object

Number of Resources within Property

Contributing	Noncontributing
	buildings
	sites
<u>1</u>	structures
	objects
<u>1</u>	Total

Name of related multiple property listing:
N/A

Number of contributing resources previously
listed in the National Register 0

4. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act of 1966, as amended, I hereby certify that this
☒ nomination ☐ request for determination of eligibility meets the documentation standards for registering properties in the
National Register of Historic Places and meets the procedural and professional requirements set forth in 36 CFR Part 60.
In my opinion, the property ☒ meets ☐ does not meet the National Register criteria. ☐ See continuation sheet.

Signature of certifying official W. Ray Price

Date 2/14/90

State or Federal agency and bureau SHPO

In my opinion, the property ☐ meets ☐ does not meet the National Register criteria. ☐ See continuation sheet.

Signature of commenting or other official

Date

State or Federal agency and bureau

5. National Park Service Certification

I, hereby, certify that this property is:

- ☒ entered in the National Register.
☐ See continuation sheet.
☐ determined eligible for the National
Register. ☐ See continuation sheet.
☐ determined not eligible for the
National Register.

- ☐ removed from the National Register.
☐ other, (explain):

Signature of the Keeper Patrick Andrews

Date of Action 7/5/90

6. Function or Use

Historic Functions (enter categories from instructions)

Industry/waterworksTransportation/road-relatedTransportation/pedestrian-related

Current Functions (enter categories from instructions)

Industry/waterworksTransportation/road-related**7. Description**

Architectural Classification

(enter categories from instructions)

Neo-ClassicalSecond Renaissance Revival

Materials (enter categories from instructions)

foundation Concretewalls Concrete, Brickroof Ceramic tileother Limestone, brick, bronze**Describe present and historic physical appearance.**Description of O'Shaughnessy Dam

The O'Shaughnessy Dam is a concrete masonry dam, of the gravity overflow type, straight in plan, and 1,750 ft. in length, including the approaches. The masonry portion of the dam is 879 ft. long, measured face to face of copings on the abutments. The two approaches have a total length of 871 ft., but they are not of equal length, the east approach being slightly longer than the west one.

Crossing the Dam, above the overflow or spillway section, is a reinforced concrete arch bridge of twelve spans, each span measuring 64 ft. 6 in. in the clear. The net length of the spillway, under the bridge, after deducting the length of the bridge piers and the outlet gatehouse, is 765.7 ft.

The crest of the spillway is 64 ft. above low water in the river on the downstream side of the Dam and 84 ft. above the rock foundation. The roadway on the bridge is 21.3 ft. above the crest of the spillway making, therefore, a total height of dam from rock foundation to roadway level of 105.3 ft. [3]

Spillway Channels

With the width of spillway adopted it was necessary to provide spillway channels below the Dam on each side of the river. This was accomplished by excavating benches in the rock, the benches being curved in plan and sloping down stream from the toe of the apron until the river bank is reached. These benches vary in width from a minimum of 32 ft. 11 in. to a maximum of 103 ft. 3 in., and in height from a minimum of 5 ft. to a maximum of 20 ft. In excavating these spillway channels a double purpose was served; not only do they provide for guiding flood-water down to the river, but they also furnished most of the rock for the construction of the dam.

With water passing over the spillway of the dam it flows along these benches and, at the same time, spills over from one bench to the next lower one until it reaches the river. The greater the flow the longer the travel of the water longitudinally over the benches. With any considerable volume of flow over the dam, it is a beautiful sight to see the water rush along the spillway benches and tumble over from one bench to the next. [4]

Description of O'Shaughnessy Dam Bridge

At Powell Road, about 2,000 ft. above the Dam, a county highway crossed the river on a 2-span, steel, truss bridge, 240 ft. in length. With the filling of the reservoir this bridge would have been submerged. As it was not feasible to abandon a crossing of the reservoir or river at or near this point, the choice then lay between raising the existing bridge about 51 ft., adding new trusses at each end, and building long

United States Department of the Interior
National Park Service

FEB 22 1990

National Register of Historic Places
Continuation Sheet

O'Shaughnessy Dam and Bridge, Shawnee Hills, Ohio, Delaware County

Section number 7 Page 1

expensive approaches, and the construction of a new bridge. Comparative estimates showed that it would be considerably cheaper to build a bridge across the Dam and to abandon the crossing at Powell Road. This solution of the problem was adopted after it had been submitted to and approved by the County Commissioners of Delaware County, in which the Dam and reservoir are located.

The bridge consists of twelve reinforced concrete arches and has a total length of 879 ft., measured face to face of copings on the abutments at each end of the spillway. The arches are segmental, the intrados being struck on a radius of 52 ft. 9 5/16 in. Each arch has a clear span of 64 ft. 6 in. and a rise of 11 ft. The thickness at the crown is 18 in., and at the springing line, 3 ft. At right angles to the axis of the bridge, measured along the intrados the arches have a length of 19 ft. 4 in.

The roadway over the arches has a clear width of 17 ft. 6 in., and is carried by reinforced concrete slabs supported by spandrel and curtain-walls extending down to the arch rings, except that, for a length of 21 ft. 6 in. at the center of each arch, the concrete slabs are supported on a cinder fill made directly over the arch rings. The roadway surface is a vitrified brick pavement, 4 in. thick, laid on a 1 in. sand cushion. The joints in the brick were grouted with an asphalt filler.

The roadway is drained by cast-iron inlets spaced at frequent intervals along each side of the pavement. The storm water is collected above the arches and is discharged through the arches, or through the piers, depending on the arrangement of the details.

On each side of the roadway is a 4-ft. sidewalk, consisting of a reinforced concrete slab carried on cantilever brackets anchored to the arch ring at the center of the arch and to the spandrel walls over the haunches at other points. The balustrade on each sidewalk, together with the pylons, is constructed of blue Indiana limestone, sawed, planed, turned, or chiseldressed, and finished by sand rubbing to a clean, smooth, uniform surface. [5]

Approaches

At each end of the spillway section the approach consists of a rolled earth embankment or dike with concrete core wall. The approaches are 25 ft. 6 in. wide on top and have side slopes of 1 on 2, except that the stone paving below the berm, on the up-stream side of the dike, has a slope of 1 on 3. The top of the dike is at Elevation 866.25, that is, 21 ft. 3 in. above the crest of the spillway and 8 ft. 9 in. above a high-water level, corresponding to the 1913 flood plus 50 per cent. On the reservoir side of the dike the 1 on 2 slope terminates at a berm 10 ft. in width and located 1 ft. 6 in. above high water. The slope paving begins at the outer edge of the berm, and, at the lower end, is either keyed into the rock or abuts against a concrete to-wall. It is from 12 to 18 in. in thickness and is bedded on 12 in. of free-draining broken stone.

The concrete core wall is 3 ft. wide at the top, has a batter of 1/2 in. in 1 ft. on each side, and is keyed 12 in. into solid rock. The top is at Elevation 858.5 or 1 ft. above high-water.

The roadway on each approach is of bituminous macadam, the width, 17 ft. 6 in., being the same as the clear width, between curbs, of the roadway on the bridge over the spillway. On each side of the roadway the edge of the embankment is protected by a fence built of reinforced concrete posts and rails. Just before the approaches connect with the masonry abutments at each end of the spillway, concrete steps on each side of the roadway provide access to the natural surface of the ground. [6]

United States Department of the Interior
National Park Service

FEB 22 1990

National Register of Historic Places
Continuation Sheet

O'Shaughnessy Dam and Bridge, Shawnee Hills, Ohio, Delaware County

Section number 7 Page 2Outlet Gate-House

The outlet gate-house is 32 ft. square, inside dimensions, and is located at the center of the spillway, projecting out from the up-stream side of the Dam. When water is drawn from storage it is taken through the gate-chamber immediately below. In the gate-chamber are two sets of chambers or wells, each set consisting of two separate walls connected by sluice-gates. There is no connection between the two sets of wells, thus providing duplicate means of drawing water from the reservoir. In case of repair to any sluice-gate one set of wells can be shut off. [7]

The gate-house superstructure is built of cut and dressed blue Indiana limestone, matching that in the balustrade on the bridge, and is lined inside with a light-colored, salt-glazed face brick. The roof is constructed of steel trusses carrying concrete slabs 3 in. in thickness. The covering is of bright red mission tile laid on a bedding of Nalecode nailing concrete, 1½ in. thick. The doors and windows are of hollow metal construction built of heavy hard copper, stiffened, and reinforced. The windows are glazed with ½ in. polished wire woven glass. The superstructure houses the hand-operated, ball-bearing sluice-gate stands and also a 2-ton, hand-operated crane for raising and lowering the screens, stop-planks, etc. [8]

Power Gate-House

At the west end of the spillway is a power gate-house. This was built so that, should the city, in the future, wish to develop power at certain times of the year, that is, with reservoir full and water overflowing the spillway, or when water is drawn from storage, say, from the upper 10 or 15-ft. depth in the reservoir, it could do so by constructing a hydro-electric power plant below the Dam, on the west side of the river. [9]

The power gate-house is slightly smaller in size than, but of the same construction as, the outlet gate-house. [10]

Pavilion

To balance the structure as a whole, a pavilion has been built at the east end of the spillway. It is similar in construction and dimensions to the power gate-house, except that the wall panels between the pilasters have been omitted on all four sides. In the three sides other than that next to the roadway, balustrades, similar to those on the bridge, have been built, both for protection and architectural effect. From the pavilion a commanding view is obtained, especially up stream across the reservoir. [11]

United States Department of the Interior
National Park Service

FEB 22 1990

National Register of Historic Places Continuation Sheet

O'Shaughnessy Dam and Bridge, Shawnee Hills, Ohio, Delaware County

Section number 7 Page 3

Summary of Principal Data Relating to the O'Shaughnessy Dam and Reservoir

For convenience of reference the principal data relating to the dam and reservoir may be summarized, as follows:

Date of construction.....	1922-1925
Total length of dam, in feet.....	1,750
Length of masonry part of dam, in feet...	879
Length of earth approaches, including concrete abutments, in feet.....	871
Height of spillway above low water in river, in feet.....	64
Height of dam from rock foundation to crest of spillway, in feet.....	84
Height of dam from rock foundation to roadway level, in feet.....	105.25
Height of roadway above spillway, in feet	21.25
Maximum width of dam at base, in feet....	110
Width of paved roadway, in feet.....	17.5
Width of sidewalks, in feet.....	4
Net length of spillway, in feet.....	765.7
Maximum flood capacity of spillway, in cubic feet per second.....	110,000
Depth of water over spillway with maximum flood, in feet.....	12.5
Total available storage capacity, reservoir full, in gallons.....	5,341,000,000

[12]

United States Department of the Interior
National Park Service

National Register of Historic Places Continuation Sheet

O'Shaughnessy Dam and Bridge, Shawnee Hills, Ohio, Delaware County

Section number 7 Page 4

References

1. "THE O'SHAUGHNESSY DAM AND RESERVOIR," paper no. 1715, presented to the fall meeting of the American Society of Civil Engineers, 10/12/27. Transactions of the American Society of Civil Engineers, vol. 93 p. 1429 (1929).
2. "THE O'SHAUGHNESSY DAM AND RESERVOIR," paper no. 1715, presented to the fall meeting of the American Society of Civil Engineers, 10/12/27. Transactions of the American Society of Civil Engineers, vol. 93 p. 1429 (1929).
3. "THE O'SHAUGHNESSY DAM AND RESERVOIR," paper no. 1715, presented to the fall meeting of the American Society of Civil Engineers, 10/12/27. Transactions of the American Society of Civil Engineers, vol. 93 p. 1435 (1929).
4. "THE O'SHAUGHNESSY DAM AND RESERVOIR," paper no. 1715, presented to the fall meeting of the American Society of Civil Engineers, 10/12/27. Transactions of the American Society of Civil Engineers, vol. 93 pp. 1461-1463 (1929).
5. "THE O'SHAUGHNESSY DAM AND RESEVOIR," paper no. 1715, presented to the fall meeting of the American Society of Civil Engineers, 10/12/27. Transactions of the American Society of Civil Engineers, vol. 93 pp. 1452-1457 (1929).
6. "THE O'SHAUGHNESSY DAM AND RESERVOIR," paper no. 1715, presented to the fall meeting of the American Society of Civil Engineers, 10/12/27. Transactions of the American Society of Civil Engineers, vol. 93 p. 1457 (1929).
7. "THE O'SHAUGHNESSY DAM AND RESERVOIR," paper no. 1715, presented to the fall meeting of the American Society of Civil Engineers, 10/12/27. Transactions of the American Society of Civil Engineers, vol. 93 p. 1457 (1929).
8. "THE O'SHAUGHNESSY DAM AND RESERVOIR," paper no. 1715, presented to the fall meeting of the American Society of Civil Engineers, 10/12/27. Transactions of the American Society of Civil Engineers, vol. 93 p. 1458 (1929).

FEB 22 1990

National Register of Historic Places Continuation Sheet

O'Shaughnessy Dam and Bridge, Shawnee Hills, Ohio, Delaware County

Section number 7 Page 5

9. "THE O'SHAUGHNESSY DAM AND RESERVOIR," paper no. 1715, presented to the fall meeting of the American Society of Civil Engineers, 10/12/27. Transactions of the American Society of Civil Engineers, vol. 93 p. 1461 (1929).
10. "THE O'SHAUGHNESSY DAM AND RESERVOIR," paper no. 1715, presented to the fall meeting of the American Society of Civil Engineers, 10/12/27. Transactions of the American Society of Civil Engineers, vol. 93 p. 1461 (1929).
11. "THE O'SHAUGHNESSY DAM AND RESERVOIR," paper no. 1715, presented to the fall meeting of the American Society of Civil Engineers, 10/12/27. Transactions of the American Society of Civil Engineers, vol. 93 p. 1461 (1929).
12. "THE O'SHAUGHNESSY DAM AND RESERVOIR," paper no. 1715, presented to the fall meeting of the American Society of Civil Engineers, 10/12/27. Transactions of the American Society of Civil Engineers, vol. 93 p. 1489 (1929).

FEB 22 1990

8. Statement of Significance

Certifying official has considered the significance of this property in relation to other properties:

☐ nationally ☐ statewide ☒ locally

Applicable National Register Criteria ☒ A ☐ B ☒ C ☐ D

Criteria Considerations (Exceptions) ☐ A ☐ B ☐ C ☐ D ☐ E ☐ F ☐ G

Areas of Significance (enter categories from instructions)

Architecture
Community Planning and Development

Period of Significance

1922-1925

Significant Dates

1922-1925

Cultural Affiliation

N/A

Significant Person

N/A

Architect/Builder

Frank L. Packard, Architect
Thompson-Starrett Company, Builder

State significance of property, and justify criteria, criteria considerations, and areas and periods of significance noted above.

The O'Shaughnessy Dam and Bridge is eligible for listing on the National Register of Historic Places under Criteria A and C. The bridge was designed by Frank L. Packard, a leading central Ohio architect as the centerpiece of a five year program of water works improvements completed in the 1920's.

Built between 1922 and 1925, the O'Shaughnessy Dam and Bridge retains integrity of setting, design, materials, workmanship, and historical association to the present day. Architectural features of the structure remain intact including spillway channels, twelve reinforced concrete arches, two gate houses topped by red tile roofing material, and a central pavilion.

The bridge and dam were designed in the Neo-Classical style, but also evidence Second Renaissance Revival influence. The Neo-Classical style was first popularized by the 1893 World's Columbian Exposition. During the early 20th Century numerous monumental civic structures were designed in this style. Common stylistic elements evidenced by the bridge and dam include the symmetrical arrangement of the gate houses and observation pavilion, the use of dressed limestone, and the unadorned wall surfaces. The Second Renaissance Revival influence is seen in the round arch openings and the tile roof.

The O'Shaughnessy Dam and Bridge is the only documented bridge designed by Frank L. Packard, a Columbus architect known more for his courthouses, city halls, jails, public schools, and colleges in Ohio and West Virginia. The combined bridge and dam is the only historic structure of its kind on the Scioto River in the Columbus metropolitan area. Other Neo-Classical bridges on the Scioto River are located in downtown Columbus at Town, Main, and Broad Streets and were built between 1915 and 1917. A later masonry bridge south of O'Shaughnessy Dam at SR 161 was built in 1935 and substantially altered in 1985. The Broad Street Bridge is to be replaced in 1990.

The water supply of the City of Columbus is taken from the Scioto River. In 1908 the city completed a five year program of important water works improvements which included the construction of a water purification and softening works and pumping station adjacent to the river, about two miles from the city center. In the fall of 1925 the city completed a

☒ See continuation sheet

United States Department of the Interior
National Park Service

FEB 22 1990

National Register of Historic Places
Continuation Sheet

O'Shaughnessy Dam and Bridge, Shawnee Hills, Delaware County, Ohio

Section number 8 Page 2

second five year program including enlargement of the water purification and softening works and the construction of a second masonry dam and storage reservoir on the Scioto River.

When the second five year program was begun in 1920 Jerry O'Shaughnessy was the superintendent of the Columbus Water Works. He had been in the employ of the department for nearly fifty years and was a principal planner behind the city water improvement programs. O'Shaughnessy did not live to see the completion of these projects but city officials, wishing to recognize O'Shaughnessy's contributions, named the new bridge and dam after him.

A bronze tablet was placed on the new structure with the following inscription: "By Resolution of the Council of the City of Columbus, Adopted, February 7, 1921, This Dam Was Named and Designated the 'O'Shaughnessy Dam' in Honor of the Late Jerry O'Shaughnessy, Who So Faithfully and Well Served The City as Superintendent of Its Water Works for Many Years."

The O'Shaughnessy Dam was a popular central Ohio attraction by its completion on August 1, 1925. At least two verses were written in local newspapers celebrating its beauty. Postcards and souvenirs with the image of the Dam were available in the area. The bridge over the Dam's spillway, which was added to the structure to accommodate the loss of the nearly Powell Road Bridge, was built as a twelve span reinforced concrete closed spandrel arched bridge, a type selected not only because the construction benefitted the local economy, but also because they could take advantage of the picturesque setting. The Dispatch newspaper reported that officials of the Thompson-Starrett Company told the mayor that Columbus had one of the best and cheapest pieces of construction in the country. (1)

During the week before its dedication on May 15, 1926, news of the event monopolized front pages of all three major daily newspapers. About 2,000 people attended the ceremony which was carried over the radio and documented by newsreel. Speakers at the ceremony included Mayor Thomas, former Mayor George Karb, and John J. Lentz, president of the American Insurance Union. The Ohio State Journal editorialized, "The city does two things in dedicating the O'Shaughnessy Dam. It formally celebrates the completion of another project that will yield rich fruit to the Columbus of the future, and it again honors the memory of the man who for so many years served the city so faithfully and so well . . . Columbus takes pride in its water supply and the dedication of the new dam is a red letter day in its history." (2)

The bridge over the dam is currently the subject of plans for replacement to accommodate increased traffic between Columbus and southern Delaware County. The area around the O'Shaughnessy Dam has been the scene of rapid residential development. The Columbus Zoo, located adjacent to the Dam, is also looking at expansion plans. It is hoped by members of the historic preservation community that the architectural character of the dam and bridge will not be compromised to facilitate further development.

(1) Columbus Sunday Dispatch, 5/26/1926, front page of news and features section.

(2) Ohio State Journal, 5/15/1926, page 4.

FEB 22 1990

Previous documentation on file (NPS): N/A

☐ preliminary determination of individual listing (36 CFR 67) has been requested

☐ previously listed in the National Register

☐ previously determined eligible by the National Register

☐ designated a National Historic Landmark

☐ recorded by Historic American Buildings Survey # _____

☐ recorded by Historic American Engineering Record # _____

☒ See continuation sheet

Primary location of additional data:

☒ State historic preservation office

☐ Other State agency

☐ Federal agency

☐ Local government

☐ University

☐ Other

Specify repository:

Ohio Historic Preservation Office

10. Geographical Data

Acreage of property 5 acres

UTM References

A 17 317910 44158000
 Zone Easting Northing

C

B
 Zone Easting Northing

D

☐ See continuation sheet

Verbal Boundary Description

O'Shaughnessy Dam is contained on the east and west by the Scioto River. The structure is 1,750 feet long and 21.5 feet wide at the roadway level. The maximum width of the dam at the base is 110'. The boundary of the nominated area is confined to the bridge and dam combined structure.

☐ See continuation sheet

Boundary Justification

The boundary includes the dam, and bridge which crosses the Scioto River at County Road 126.

☐ See continuation sheet

11. Form Prepared By

name/title Jerry O'Shaughnessy / Sandra Davies, Ohio Historic Preservation Office

organization _____ date November 9, 1989

street & number 1439 Ashland Avenue telephone 614-487-0940 / 466-2645

city or town Columbus state Ohio zip code 43212

United States Department of the Interior
National Park Service

FEB 22 1990

National Register of Historic Places
Continuation Sheet

O'Shaughnessy Dam and Bridge, Shawnee Hills, Ohio, Delaware County

Section number 9 Page 1

Columbus Dispatch 5/11/26 p. 1; 5/12/26 p. 3; 5/13/26 p. 3;
5/14/26 pp. 1, 3; 5/15/26 p. 1; 5/15/26 pp. 17-18. Ohio State
Journal 5/15/26 p. 1; 5/16/26 p. 1, 2, 3, 6, 9. Columbus
Citizen, 5/14/26 p. 1, 2; 5/15/26 p. 1, 20; 5/17/26 p. 2. See
Mayor Thomas' address in Sunday Dispatch 5/16/26, front page
of Feature and News Events of Columbus.

"The O'Shaughnessy Dam," Ohio State Journal p. 4 5/15/26.

"2000 See O'Shaughnessy Dam Dedicated to Service of City,"
Ohio State Journal, 5/16/26 p. 1.

"The O'Shaughnessy Dam and Reservoir," paper no. 1715,
presented to the fall meeting of the American Society of Civil
Engineers, 10/12/27. Transactions of the American Society of
Civil Engineers, vol. 93 p. 1495 (1929).

Donald C. Jackson, (1988) Great American Bridges and Dams, pp
35-38. Washington: Preservation Press.

Telephone conversation with historian and bridge expert David
Simmons, 5/5/89.

FEB 22 1990

O'Shaughnessy Dam and Bridge
Shawnee Hills, Delaware, Ohio

PHOTOGRAPHS

1. Name of property: O'Shaughnessy Dam
2. City and state where property is located: Shawnee Hills, OH
3. Name of photographer: Jerry O'Shaughnessy
4. Date of photograph: November 09, 1989
5. Location of original negative: Jerry O'Shaughnessy
6. Description of view indicating direction of camera:
7. Photograph number:

Items numbered one through five are identical. Items six and seven are as follows:

Photo no. 1
On Dam looking East (Pavilion).
Photo no. 2
Southeast side of Dam looking North
(Pavilion & Observation deck).
Photo no. 3
On East side Observation deck
looking North (Pavilion).
Photo no. 4
Inside of Pavilion looking North
(Pavilion interior).
Photo no. 5
Inside of Pavilion looking North
(Pavilion interior).
Photo no. 6
Inside of Paviliion looking
North-Northwest (Pavilion interior).
Photo no. 7
Northwest side of Dam (upstream) looking
Southeast (Pavilion & Outlet Gatehouse).
Photo no. 8
Northwest side of Dam looking Southeast
(closeup of Outlet Gatehouse).

FEB 22 1990

O'Shaughnessy Dam and Bridge
Shawnee Hills, Delaware, Ohio

PHOTOGRAPHS

- Photo no. 9
Southwest side of Dam (downstream)
looking Northeast (Outlet Gatehouse &
Bridge).
Photo no. 10
Southwest side of Dam looking North
(Power Gatehouse & Observation deck).
Photo no. 11
On East side Observation deck looking
East (Balustrade).
Photo no. 12
On East side Observation deck looking
East (closeup of Balustrade).
Photo no. 13
Southwest side of Dam looking Northeast
(Piers & Arches).
Photo no. 14
North of Dam (upstream) looking South
(Outlet Gatehouse, Arches, Piers, &
roadway).
Photo no. 15
North of Dam looking South (Power &
Outlet Gatehouses, Arches, & general
overview).
Photo no. 16
South side (downstream side) of Dam looking
North-Northwest.
Photo no. 17
Southwest of Dam looking Northeast.
Photo no. 18
Southwest of Dam looking Northeast.
Photo no. 19
South of Dam looking North.
Photo no. 20
Southeast (downstream) of Dam looking north-
west.
Photo no. 21
South of Dam looking Northeast.
Photo no. 22
Southwest of Dam looking Northeast
Photo no. 23
Southeast of Dam looking West.

Photos 16-23 taken
June 21, 1989

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES
EVALUATION/RETURN SHEET

REQUESTED ACTION: RESUBMISSION

PROPERTY O'Shaughnessy Dam and Bridge
NAME:

MULTIPLE
NAME:

STATE & COUNTY: OHIO, Delaware

DATE RECEIVED: 5/23/90

DATE OF PENDING LIST:

DATE OF 16TH DAY:

DATE OF 45TH DAY:

7/07/90

DATE OF WEEKLY LIST:

REFERENCE NUMBER: 90000482

NOMINATOR: STATE

DETAILED EVALUATION: Y

☒ ACCEPT ☐ RETURN ☐ REJECT 7/5/90 DATE

ABSTRACT/SUMMARY COMMENTS:

on resubmission an additional USGS map has been included
as well as an acreage figure and a concise boundary
description

Historically & architecturally significant early 20th century
dam and bridge

RECOM./CRITERIA Accept A&C
REVIEWER Patricia Andrews
DISCIPLINE Historian
DATE 7/5/90

DOCUMENTATION see attached comments Y/N see attached SLR Y (N)

CLASSIFICATION

___count ___resource type

STATE/FEDERAL AGENCY CERTIFICATION

FUNCTION

___historic ___current

DESCRIPTION

___architectural classification
___materials
___descriptive text

SIGNIFICANCE

Period Areas of Significance--Check and justify below

Specific dates Builder/Architect
Statement of Significance (in one paragraph)

___summary paragraph
___completeness
___clarity
___applicable criteria
___justification of areas checked
___relating significance to the resource
___context
___relationship of integrity to significance
___justification of exception
___other

BIBLIOGRAPHY

GEOGRAPHICAL DATA

___acreage ___verbal boundary description
___UTMs ___boundary justification

ACCOMPANYING DOCUMENTATION/PRESENTATION

___sketch maps ___USGS maps ___photographs ___presentation

OTHER COMMENTS

Questions concerning this nomination may be directed to

_____ Phone _____

Signed _____ Date _____



O'SHAUGHNESSY DAM
Delaware, OH.

Photo #1

TOTAL Photos = 23

FEB 22 1990



O'SHAUGHNESSY DAM
Delaware, OH.
Photo #2
TOTAL Photos = 23

FEB 22 1990



O'SHAUGHNESSY DAM

Delaware, OH.

Photo #3

TOTAL Photos = 23

FEB 22 1990



O'SHAUGHNESSY DAM

Delaware, OH.

Photo # 4

TOTAL Photos = 23

FEB 22 1990



O'SHAUGHNESSY DAM
Delaware, OH.

Photo #5

Total Photos = 23

FEB 22 1990



O'SHAUGHNESSY DAM
Delaware, OH.

Photo #6

TOTAL Photos = 23

FEB 22 1990



O'SHAUGHNESSY DAM

Delaware, CA.

Photo # 7

TOTAL Photos = 23

FEB 22 1990



O'SHAUGHNESSY DAM

Delaware, OH.

Photo #8

TOTAL Photos = 23

FEB 22 1990



O'SHAUGHNESSY DAM
Delaware, OH.

Photo # 9

TOTAL Photos = 23

FEB 22 1990



O'SHAUGHNESSY DAM
Delaware, OH.

Photo #10

TOTAL Photos = 23

FEB 22 1990

65222



O'SHAUGHNESSY DAM
Delaware, OH.
Photo #11

Total Photos = 23

FEB 22 1990



O'SHAUGHNESSY DAM

Delaware, OH.

Photo #12

TOTAL Photos = 23

FEB 22 1990



O'SHAUGHNESSY DAM
DELAWARE, OH.

Photo #13

TOTAL Photos = 23

FEB 22 1990



O'SHAUGHNESSY DAM
Delaware, OH.

Photo # 14

TOTAL Photos = 23

FEB 22 1990



10/24/2004

O'SHAUGHNESSY DAM
Delaware, OH.

Photo #15

TOTAL Photos = 23

FEB 22 1990



O'SHAUGHNESSY DAM

DELAWARE, OH

Photo No. 16

TOTAL Photo's 23

1-77 AM 11 11 2102 FEB 22 1990



O'SHAUGHNESSY DAM

DELAWARE, OH.

Photo no. 27

TOTAL Photo's 23

1-72 4N H N 2103

FEB 22 1990



O'SHAUGHNESSY DAM
DELAWARE, OH.

Photo no. 18

TOTAL Photo's 23

1-71 44 11 11 11 11

FEB 22 1990



O'SHAUGHNESSY DAM
DELAWARE, OH.

Photo No. 19

TOTAL Photo's 23

FEB 22 1990



O'SHAUGHNESSY DAM
DELAWARE, OH.
Photo no. 520
TOTAL Photo's 823

FEB 22 1990



O'SHAUGHNESSY DAM

DELAWARE, OH.

Photo no. 21

TOTAL Photo's 23

FEB 22 1990



O'SHAUGHNESSY DAM

DELAWARE, OH.

Photo NO. 22

TOTAL Photo's 23

FEB 22 1990



O'SHAUGHNESSY DAM

DELAWARE, OH.

Photo no. 23

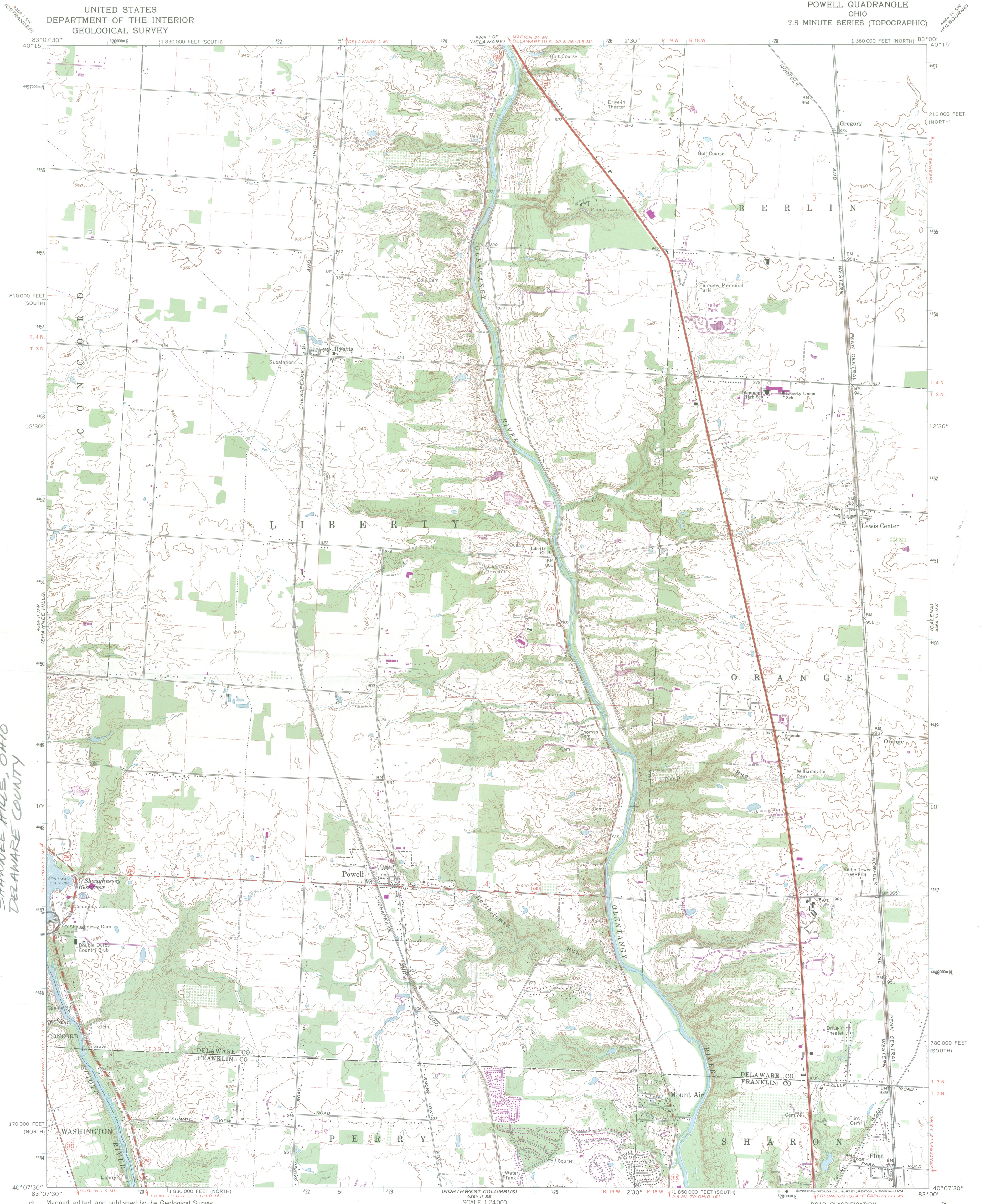
TOTAL Photo's 23

1-17-41 H. H. 21-1

FEB 22 1990

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

POWELL QUADRANGLE
OHIO
7.5 MINUTE SERIES (TOPOGRAPHIC)



O'SHAUGHNESSY DAM
ZONE: 17
EASTING: 317910
NORTHING: 4415800
SHAWNEE HILLS, OHIO
DELAWARE COUNTY

Maped, edited, and published by the Geological Survey
Revised in cooperation with State of Ohio agencies
Control by USGS and USC&GS
Topography by photogrammetric methods from aerial
photographs taken 1953 and planimetric surveys 1955
Revised from aerial photographs taken 1966. Field checked 1967
Polyconic projection. 1927 North American datum
10,000-foot grids based on Ohio coordinate system,
north zone and south zone
1000-meter Universal Transverse Mercator grid ticks,
zone 17, shown in blue
Fine red dashed lines indicate selected fence and field lines where
generally visible on aerial photographs. This information is unchecked
Area west of the Scioto River lies within the Virginia Military District
Area east of the Scioto River lies within the United States Military District
Land lines based on the Base Line of the United States Military District

UTM GRID AND 1973 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

SCALE 1:24,000
CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL



ROAD CLASSIFICATION
Primary highway, all weather, hard surface
Secondary highway, all weather, hard surface
Light-duty road, all weather, improved surface
Unimproved road, fair or dry weather
U. S. Route
State Route

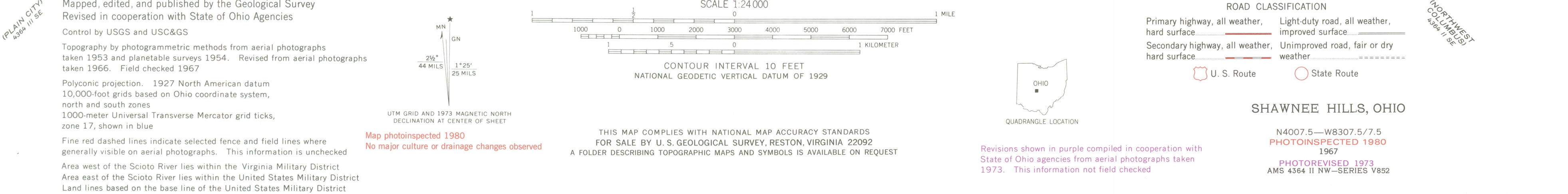
POWELL, OHIO
N4007.5—W8300/7.5
1967
PHOTOREVISED 1973
AMS 4364 II NE—SERIES V852

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Revisions shown in purple compiled in cooperation with
State of Ohio agencies from aerial photographs taken
1973. This information not field checked

486-01-WX
FEB 22 1990

SHAWNEE HILLS QUADRANGLE
OHIO
7.5 MINUTE SERIES (TOPOGRAPHIC)



1985 Velma Avenue
Columbus, Ohio 43211
614/297-2300



OHIO
HISTORICAL
SOCIETY
SINCE 1885

February 15, 1990

RECEIVED
FEB 22 1990

DIVISION OF
NATIONAL REGISTER PROGRAMS
NATIONAL PARK SERVICE

Ms. Carol Shull, Chief
National Register of Historic Places
National Park Services
Department of the Interior
P.O. Box 37127
Washington D.C. 20013-7127

Dear Carol:

Enclosed please find one (1) new National Register nomination. All of the appropriate notification procedures have been followed for this new submission.

New Submission

County

O'Shaughnessy Dam & Bridge

Delaware

Please contact me if you have any questions.

Sincerely,

W. Ray Luce

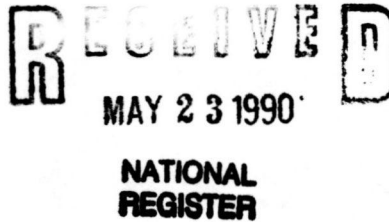
W. Ray Luce
State Historic Preservation Officer

WRL/JW:dh

Enclosure

Ohio Historic Preservation Office

1982 Velma Avenue
Columbus, Ohio 43211
614/297-2470



OHIO
HISTORICAL
SOCIETY
SINCE 1885

May 14, 1990

Ms. Carol Shull, Chief
National Register of Historic Places
National Park Service
Department of the Interior
P.O. Box 37127
Washington, D.C. 20013-7127

Dear Carol:

Enclosed is one (1) new National Register nomination and one re-submission. All of the appropriate notification procedures have been followed for these submissions.

In regard to the O'Shaughnessy Dam and Bridge re-submission, the amended nomination reflects the comments made on the April 5, 1990 Evaluation/Return Sheet for the initial submission.

<u>New Submission</u>	<u>County</u>
Perrysburg Historic District (Boundary Increase)	Wood

<u>Re-submission</u>	<u>County</u>
O'Shaughnessy Bridge and Dam	Delaware

Please contact me if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "W. Ray Luce".

W. Ray Luce
State Historic Preservation Officer

WRL/JW:dh
nrhp/trans.rev

Enclosures