

SANITARY SEWER DATA SHEET

(To be submitted in triplicate to Ohio E.P.A. with detail plans)

Name of Municipality or County Sewer District City of Napoleon, Ohio

Henry Agricultural Society, Inc.

Name of Project Sanitary Sewer to New Shower Building

Name and Address of Engineer or Firm Preparing Plans _____

Basselman & Aschemeler, P.O. Box 91, Ridgeville Corners, Ohio 43555

Name and Address of Municipal or County Official to whom plan approval should be sent Mr. Von E. Berlin, City Engineer, City of Napoleon, Ohio 43545

1. a) Estimated date of initiation of construction A.S.A.P.

b) Estimated date of completion of construction July, 1978

2. Estimated Cost of Project \$ 5,500.00

3. Brief description of project. Include information as to (a) the location, size and development of the area to be served, (b) total length of sewer to be installed, (c) possibility of future extensions, (d) exact location of connections to existing sewers, (e) treatment plant receiving wastes, (f) and other data pertinent to the project.

To install a 6" sanitary sewer to service a new shower building and a recreational vehicle dump station at the Henry County Fairgrounds. Total length of sewer being 600 feet and is to discharge into an existing manhole of the City of Napoleon system.

4. Length, Size, Minimum Slope, Manhole Spacing, and Specifications of Sanitary Sewer System.

600 ft. of 6 inch Sewer @ 0.7 % (min. grade), max. M.H. spacing 370

_____ ft. of _____ inch Sewer @ _____ % (min. grade), max. M.H. spacing _____

_____ ft. of _____ inch Sewer @ _____ % (min. grade), max. M.H. spacing _____

_____ ft. of _____ inch Sewer @ _____ % (min. grade), max. M.H. spacing _____

(If more space needed for item 3 or 4, use back of sheet)

Above Pipe Meets Following Joint Specification:

ASTM C-425 for vitrified clay; ASTM C-443 for concrete. _____ other.
yes X no _____

Manholes to be ~~cast in place~~ XX precast concrete ASTM C-478. yes X no _____

Precast concrete manhole joints between sections conform to ASTM C-443.
yes X no _____

Precast concrete manhole adjusting rings. yes X no _____

Sanitary sewer bedding, haunching and backfilling methods conform to Ohio E.P.A. standards. yes X no _____

Specifications include provision for testing tightness of the sewer under the supervision of an engineer. yes X no _____ Name Von E. Berlin, City Eng.

Infiltration or exfiltration limit specified: 200 gal/24 hr./inch dia./mile.

Specifications include provisions for inspection of all construction by an engineer or qualified inspector. yes X no _____ Name Von E. Berlin, City Eng.

5. Capacity of existing system and/or plant to which connected.

Present Treatment Facility Loading _____ MGD (based on average daily flow previous year).

Present Capacity of Treatment Facility _____ MGD (average daily flow).

If proposed sewer is to be connected to an existing sanitary sewer, give the capacity of the existing sewer available for additional loading at point of connection. _____ MGD. (base calculations on peak flows)

Describe the existing sewer system between the point of connection and the wastewater treatment plant. Include the size, type (combined or sanitary) and estimated hydraulic loading. (base calculations on peak flows)

6. Estimated hydraulic loading of proposed sewer at point of connection to plant or existing sewer:

initial: _____ average daily flow; _____ peak flow
(based on existing homes to be served)

design: _____ average daily flow; _____ peak flow
(based on immediate area served)

ultimate: _____ average daily flow; _____ peak flow
(based on immediate area and extensions).

SANITARY SEWER SPECIFICATIONS

HENRY COUNTY AGRICULTURAL SOCIETY, INC.

SANITARY SEWER TO NEW SHOWER BUILDING.

SEWER PIPE:

1. Sanitary Sewers shall be vitrified clay pipe (or approved equal) C-200 with C-425 joints.
2. The installed sewer must be tested by the contractor in the presence of the City Engineer of the City of Napoleon, Ohio, or his representative. The test shall consist of a low air pressure test in conformance with ASTM Standards to the complete satisfaction of the City Engineer.

SANITARY MANHOLES:

1. Sanitary manholes shall conform to the drawing "Standard Pre-cast Storm and Sanitary Manhole #B-71SSMH-1", attached.