



Ohio Department of Natural Resources

DIVISION OF WATER

Fountain Square • Columbus, Ohio 43224 • (614) ~~466-4768~~ 265-6717

June 21, 1982

The Honorable Eugene M. Fellmeth
Mayor, Village of Canal Fulton
155 East Market Street, Town Hall
Canal Fulton, OH 44614

Dear Mayor Fellmeth:

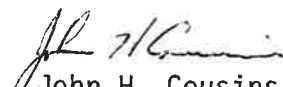
As part of its on-going programs to reduce flood damages to Ohioans, the Ohio Department of Natural Resources is embarking on a renewed effort to increase public awareness of flood hazards. This effort is being undertaken in the hope that it will lead to more careful planning of proposed construction near streams.

In the past flood control projects such as levees, dams and reservoirs were the popular approach for reducing flood damages. However, the high cost associated with such structures as well as political and environmental considerations have made flood control projects less feasible. We must look at cost effective alternatives to reduce our flood losses. One inexpensive alternative involves increasing public awareness of the likelihood of flooding so that potential flooding is considered in planning new development.

Ohio law provides that the Division of Water may assist in marking flood heights on publicly owned facilities which have suffered flood damages or which may be subject to flooding. We are therefore enclosing for you one flood marker which your employees can mount at a conspicuous place within your community. The date inscribed on the marker is that of the historical flood of record, or of the most extreme flood on which our office has data. Suggestions on where and how the flood marker might be mounted are enclosed.

If you or your staff have any questions concerning the marker or its placement, please call Jim Morris of my Flood Plain Management staff at (614) 265-6752.

Sincerely,


John H. Cousins
Chief

JHC:ck
Enclosure

Historical Flood Information

Appendix B

Flood Data:

Attached is a copy of a portion of the Tuscarawas River flood profile prepared by the U. S. Army Corps of Engineers in January 1970. The profile shows historical flood heights of the Tuscarawas River in your community. Please note the profile of the March 1913 flood which you may use for determining the elevation of the flood marker.

To establish the flood height on a structure, you must first determine the approximate location of the structure in your community by referring to the horizontal axis that shows the distance in miles above mouth. Move up along the mile graph to where it intersects the March 1913 flood profile line and at this point read the elevation along the vertical axis.

For example, the approximate elevation of the March 1913 at the downstream end of Canal Fulton (about 96.6 miles above mouth) was 942.2 feet mean sea level.

ELEVATION IN FEET (SEA LEVEL DATUM OF 1912)

980

960

940

920

900

91 92 93 94 95 96 97 98 99 100 101

MILES ABOVE MOUTH

Canal Fulton

Clinton

Standard Project Flood

1913 Flood

Intermediate Regional Flood

July 1969 Flood

Flood
Elevation

Top of Bank

Stream Bed

July 7, 1969
Flood Level
950.31

January 22, 1969
Flood Level
948.78

LEGEND

- March 1913 Flood - Highwater Mark
- △ July 1969 Flood - Highwater Mark

24
25
26
27
28
29
30
31
32
33
34
35

Pony Campers Street

Highmill Avenue
Mudbrook Run

Fox Run

Butterbridge Road

Cherry Street
West Market Street

Winnale Creek

Street - Summit County Line
Chilpanco Creek

U.S.G.S. Stream Gage (1926 - Present)
Zero - Gage - 933.28