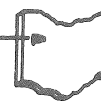


AUGLAIZE COUNTY

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Douglas Reinhart
COUNTY ENGINEER

8-30-2000

Attn: Derek Robinson

In re: Flood Plain Elevation Determination

Case # : 00-05-4030A

Dear Derek;

I have just reviewed FEMA's flood plain elevations shown near the area of SR# 198 & Two Mile Creek, FEMA map # 390761, Panel 0010. In the review, I have pulled the bridge plans for several nearby structures over the Auglaize River and Two Mile Creek, replaced by the Ohio Department of Transportation and Auglaize County.

My office also has documented flood elevations from the June 1, 1980 event, that we feel confident, was a 25-year storm in this area. Many of those bridge plans also document the February, 1959 event which was the 50-year storm.

Your flood plain elevations, in the area in question and shown on the FEMA map are to low. I have documentation showing the 1959 flood was higher than your 100-year elevation shown on the FEMA map.

The FEMA map shows, at the SR# 198 & Two Mile Creek, the 100-year flood to be 827. It is actually 829. Due to the extremely flat gradient of the Auglaize river and Two Mile Creek, the flooding along Two Mile Creek in such an event is due to backwater from the River. Therefore, the area East of SR# 198 and along Two Mile Creek during the 100-year event will crest somewhere between 829 and 830.

Therefore, the prior 831 elevation certification for this area (in 1994) is probably conservatively high, but much more accurate than the FEMA maps show for the main river area. For the site at the above described case #, use 831.0.

Douglas Reinhart, P.E., P.S.
Auglaize County Engineer
Auglaize county Flood Plain Coordinator

