

Oklahoma State Highway Dept.

Date FEBRUARY 21, 1961

To: GAINES M. STOUT
From: ROBERT O. CARTMILL
Subject: HIGHWATER AT DOUGHERTY BRIDGE SITE

Murray Co HW

PLEASE BE ADVISED THAT ON FEBRUARY 20, 1961 I WENT TO DOUGHERTY IN QUEST OF ADDITIONAL INFORMATION ON HIGHWATER FOR A PROPOSED NEW BRIDGE ON THE WASHITA RIVER APPROX. ONE MILE WEST OF DOUGHERTY, OKLA. I WAS ACCOMPANIED ON THIS TRIP BY MR. GEORGE SCHROEDER OF THE BRIDGE DEPARTMENT.

SEVERAL RESIDENTS OF THE VICINITY WERE CONTACTED AND THE FOLLOWING IS A RESUME OF THEIR INDICATIONS OF HIGHWATER.

MR. D. M. WALLACE AND MR. JOHNNY HODGE, BOTH MOTOR PATROL OPERATORS IN THE DOUGHERTY VICINITY WERE TAKEN TO THE BRIDGE SITE AND BOTH STATED AT THE SITE THAT WATER HAD NEVER GOTTEN TO A NORTH AND SOUTH FENCE LINE AT SURVEY STATION 304+95. THIS WOULD PUT THE HIGHWATER AT BELOW 765.0 WHICH IS NOT IN AGREEMENT WITH RECORDS ALREADY ON FILE IN THE SURVEY DIVISION OFFICE WHICH GIVES AN ELEVATION OF 767.5.

STATE GAME RANGER FULTZ WHO LIVES AT DOUGHERTY WAS CONTACTED AND TAKEN TO THE PROPOSED BRIDGE SITE. HE SHOWED US HIS ESTIMATION OF THE HIGHWATER WHICH CAME UP WITH THE ELEVATION OF 765.2 WHICH COULD VARY TO SOME EXTENT BECAUSE HIS SHOWN POINT WAS IN THE ROAD DITCH AND COULD BE VARIABLE WITH THE TRUE ELEVATION IF IT HAD BEEN LOWERED SINCE THE TIME OF HIGHWATER.

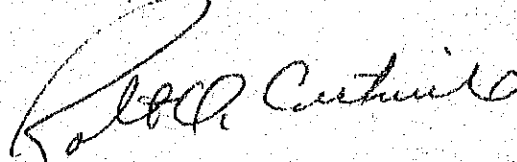
AN UNKNOWN INFORMANT WHO DROVE OFF BEFORE HIS NAME COULD BE ASCERTAINED STATED AT THE HOUSE TO THE NORTH OF THE SURVEY AT STATION 303+00 THAT THE WATER WENT OVER THE BOTTOM STEP OF THE HOUSE. THIS WOULD GIVE AN ELEVATION OF AT LEAST 769.0.

MR. PETE CALLIF, A RESIDENT OF DOUGHERTY, WAS AT THE SITE AND STATED THAT WATER HAD RUN INTO THE ABOVE MENTIONED HOUSE AT THE TIME OF THE FIRST BRIDGE WASHOUT TO A DEPTH OF APPROX. 8". HE STATED HE WAS SURE OF THIS AS HE HELPED MOVE OUT SOME FURNITURE. THIS WOULD GIVE A HIGHWATER ELEVATION OF 771.3.

ALL ELEVATIONS AS STATED ABOVE ARE ON U.S.C.&G.S. LEVEL DATUM AS RUN OUT FROM BENCH MARKS ESTABLISHED UNDER SWO 1456(1) WITH A FENNEL LEVEL.

MR. T. J. BEESLEY, WHO LIVES ON THE SOUTH SIDE OF THE ROAD JUST EAST OF THE WASHITA RIVER WAS AGAIN CONTACTED AND STATED AGAIN THAT THE WATER GOT TO THE NORTH AND SOUTH FENCE LINE AT STATION 306+35. HE ALSO STATED THAT THE OWNER OF THE PROPERTY, MR. S.S. DUDLEY OF GENE AUTRY, OKLA. HAD TAKEN FISH OUT OF SAID FENCE LINE AFTER THE WORST FLOOD.

H.W. 771.6



ROBERT O. CARTMILL
CHIEF OF PARTY