

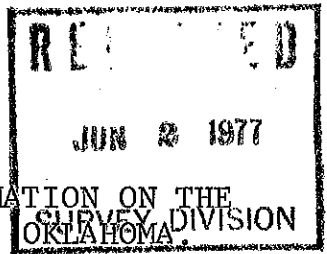
Oklahoma State Highway Dept.

Date JUNE 2, 1977.

To MR. RICHARD L. SHEPHEARD, SURVEY ENGINEER.

From B. E. GARLAND, LOCATION ENGINEER.

Subject SWO 2657(1) - US 77 - MURRAY COUNTY. HIGHWATER INFORMATION ON THE WASHITA RIVER LOCATED APPROX. 3.5 MILES SOUTH OF DAVIS SURVEY DIVISION OKLAHOMA.



I WAS INSTRUCTED ON MAY 31, 1977; BY MR. O. C. CURNUTT, ASST. SURVEY ENGINEER, TO OBTAINED HIGHWATER INFORMATION AT THE ABOVE LOCATION THAT OCCURED ON MAY 20, 1977. THIS COULD BE DUE TO LARGE LOGS & DRIFT.

JUNE 1, 1977, I TALKED TO MR. E. R. RUSSEL, WHOM SAID HIS DAUGHTER HAD CALLED THE DEPARTMENT OF TRANSPORTATION, ABOUT THE HIGHWATER MAY 20, 1977. MR. RUSSEL BUILT A NEW FRAME HOUSE APPROX. 1.0 MILE WEST OF THE ABOVE RIVER LOCATION, APPROX. 3 YEARS BACK. MR. RUSSEL STATMENT WAS THAT HE HAS NEVER SEEN WATER OVER HIS LOCATION LIKE IT WAS THIS TIME, SINCE HE HAS LIVED IN THIS AREA OVER 70 YEARS. THE HIGHWATER MAY 20, 1977, WAS WITHIN 2.0 FEET OF BEING IN HIS HOUSE FLOOR. THE HIGHWATER IN 1977, WAS 7.0 TO 8.5 FEET LOWER THE EXTREME HIGHWATER IN THE YEAR OF 1950; THIS WOULD PUT 5.0 TO 6.5 FEET OF WATER IN HIS HOUSE DURING EXTREME FLOOD STAGE. I THAN CONTACTED MR. NELSON A. ANDERSON, JUST ACROSS THE RIVER EAST OF MR. RUSSEL APPROX. 0.5 MILES AND HIS STATMENT WAS THAT HE HAS SEEN WATER OVER THE AREA IN WHICH MR. RUSSEL HAS HIS HSE. MR. RUSSEL WAS ADVISED BY RESIDENTS IN THIS AREA NOT TO BUILD AT THAT LOCATION DUE TO FLOOD WATER. MR. ANDERSON STATED THIS HIGHWATER WAS KNOW DIFFERENT THAN USUAL AND THE WATER PROBLEM IS AS GOOD OR BETTER SINCE THE NEW BRIDGE WAS CONSTRUCTED.

HIGHWATER INFORMATION:

HIGHWATER ON MAY 20, 1977, WAS APPROX. 0.7 TO 1.3 FEET LOWER ON THE DOWNSTREAM SIDE THAN THE UPPERSTREAM SIDE, ACCORDING TO A NUMBER OF ELEVATION TAKEN.

HIGHWATER INFORMATION SOUTH END OF BRIDGE (BEGINNING):

- A. HIGHWATER MARK APPROX. 200 FEET UPSTREAM (WEST) OF BRIDGE ELEV. 788.5
- B. HIGHWATER MARK UNDER SOUTH END OF BRIDGE, 30.0 FEET NORTH OF SOUTH END OF BRIDGE FLOOR ELEV. 788.3.
- C. HIGHWATER MARK APPROX. 200 FEET DOWNSTREAM (EAST) OF BRIDGE ELEV 787.7

THIS INFO. REQUESTED BY V. GOINS, BR. ENGR. DUE TO A CALL FROM LOCAL CITIZEN.

*FILE: HIGHWATER DATA MURRAY CO.
MC - V. GOINS BR. ENGR.*

Location No. 2

HIGHWATER INFORMATION NORTH END OF BRIDGE (END):

- A. HIGHWATER MARK APPROX. 200 FEET UPSTREAM (WEST) OF BRIDGE ELEV. 788.0.
- B. HIGHWATER MARK APPROX. 200 FEET DOWNSTREAM (EAST) OF BRIDGE ELEV. 787.0.
- C. HIGHWATER MARK UNDER NORTH END OF BRIDGE, 35.0 FEET SOUTH OF THE END OF BRIDGE FLOOR ELEV. 787.4.

HIGHWATER INFORMATION AT NELSON A. ANDERSON CONCRETE WELL HOUSE:

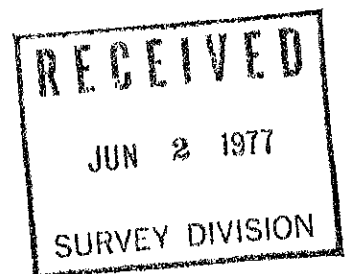
THE WATER AT THIS LOCATION WAS 7.8 FEET LOWER THAN EXTREME HIGHWATER IN THE YEAR OF 1950. EXTREME HIGHWATER 1950 ELEV. 795.2. HIGHWATER MAY 20, 1977 ELEV. 787.4.

ALL ABOVE HIGHWATER INFORMATION WAS PLACED IN SWO 2657(1) SURVEY NOTE BOOKS.

I AM RETURNING BOOKS LISTED BELOW:

- A. SWO 2657(1) ALIGNMENT BOOKS 1 & 2. (2).
- B. SWO 2657(1) LEVEL BOOKS 1, 2 & 3. (3).

Bobby Earl Garland
BOBBY EARL GARLAND
LOCATION ENGINEER



Location No. 2