

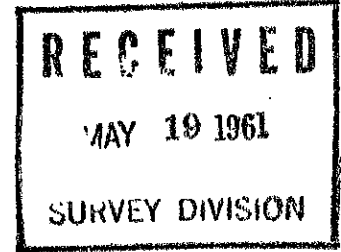
Oklahoma State Highway Dept.

Date May 18, 1961

10 Copies

To Mr. Gaines Stout
From Stansell Byers
Subject Highwater Elevations Week Ending May 13, 1961

File - Nowata Co. HW info. ←



Herewith elevation as observed by this office during the flood period listed above:

US 169, California Creek, Nowata County
8-9 May 61 Max. HW El. 668.8
Plan assumed HW El. 663.8
Finished grade El. 668.6
You will observe the maximum high water was just over the pavement in place.

CC SWO 2137(1)
CC Moran

SH 28, Verdigris River, Nowata County
8-9 May 61 Mac. HW El. 671.6
Plan HW El. 666.5
Finished grade El. 668.0
Br. St. El. Abut. 2, 669.95
Br. St. El. Abut. 1, 671.91

C.C. SWO 2477(1)
Moran

SH 33, Verdigris River Relief Opening, Rogers-Wagoner Counties
11 May 61
There are 2 relief openings west of river. Highwater elevation the same at each structure. Max. HW - Water was over the lower flange on the I-Beam stringers.
Elev. Top of Caps. El. 557.79
Add to this dimension from top of cap to top of bottom flange for HW Elev.

CC SWO 2403(1)
CC Moran

SH 33 - Verdigris River Bridge
11 May 61 Max. High Water Elev. 0.5 feet below bottom of bridge seat, Abut. No. 1.

US 66, Verdigris River, 1st Relief Structure, Rogers County
11 May 61, Max. High Water Elev. 573.3
This is 0.7 lower than the 1943 HW Elev. Maximum HW flowed over rails of SLSF RR a depth of approximately 1".

CC SWO 1764(1)

We do not have complete bridge plans on SH 33 and have given observed HW position relative to structures.

C.C. Rogers Co.
Nowata Co
Bridge Maint.

Stansell Byers
Division Engineer

SB/gp

cc: Bridge Design Construction Maintenance

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