

TONGUE RIVER BRIDGE  
(Kooi Bridge)  
2.7 mi. W. of Monarch  
County Road No. 97  
Sheridan County  
Wyoming

HAER NO. WY-<sup>68</sup>~~670~~

HAER  
WYD,  
17-MON.V,  
1-

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

Historic American Engineering Record  
National Park Service  
Rocky Mountain Regional Office  
Department of the Interior  
P. O. Box 25287  
Denver, Colorado 80225

HISTORIC AMERICAN ENGINEERING RECORD

HAER  
WYO.  
17-MON.V,  
1-

Tongue River Bridge  
(Kool Bridge)

HAER No. WY-<sup>68</sup>~~67-0~~

Location: Spanning Tongue River, on County Road No. 97;  
2.7 miles west of Monarch, in Sheridan County, Wyoming

UTM: 13.335250.4974775

Quad: Monarch

Date of Construction: 1913

Builder/Designer: Jack Gregg

Present Owner: Sheridan County  
220 South Main  
Sheridan, Wyoming 82801

Present Use: Vehicular Bridge

Significance: This five panel, pin connected Pratt truss is a classic early example of a relatively common vehicular truss type in Wyoming. With a clear span of eighty feet, it is the longest pin connected Pratt Pony still in use on the state and county road system.

Historians: Clayton B. Fraser and Richard G. Ewig  
November 1981

~~NOTE: For more general information, see Wyoming Truss Bridges Survey,  
HAER No. WY-17.~~

I. HISTORY

In May 1913, the Sheridan County Commissioners advertised for bids for two 80-foot steel trusses, one over Lower Piney Creek and one over the Tongue River at the town of Kooi. Five bridge building firms submitted proposals for both high (through) and low (Pony) trusses:

	<u>Low</u>	<u>High</u>
Canton Bridge Company	\$4,740	\$5,080
Missouri Valley Bridge Company	\$3,791	\$5,733
C. G. Sedgewick	\$5,298	
Midland Bridge Company	\$5,335	
Jack Gregg	\$3,791	\$4,493

Jack Gregg from Sheridan was awarded the contract and completed the bridge later that year.<sup>1</sup>

II. DESCRIPTION

The Tongue River Bridge is a single span, steel pin connected, five panel Pratt Pony truss with a clear span of 80 feet.

The structure has concrete full retaining abutments and timber stringers and decking. The roadway width is 16 feet. The top chords are two channels with cover plate and lacing; bottom chords are paired eyebars; verticals are four angles with lacing; diagonals are paired eyebars, single eyebar counter with turnbuckle.<sup>2</sup>

<sup>1</sup> Sheridan County Commissioners' Minutes, May 7, 1913, and June 5, 1913.

<sup>2</sup> Historical Bridge Survey and Inventory Form. Wyoming State Highway Department.