AUTHORITY IS REQUESTED FOR A NET EXPENDITURE OF $6,160.

NORTHERN PACIFIC RAILWAY COMPANY

DEPT. NO.
ENGINEERING DEPT. NO. 54
STATE NO. Dakotaw. Soc. No. 2

黄木斯克, 蒙大拿州, 桥梁 19 跨过黄木斯克溪。

Reinforce Present I Beam Spans

The present structure consists of 4-30 foot I Beam spans, total length 111 feet, height 31 feet. Built in 1900 and designed for 145. Now loading. It is too light for heavy power and it is proposed to reinforce it as part of a general program to enable the use of heavier engines between Mandan and Glesneida. The bridge is adjacent to a two degree curve. It is proposed to encase the two cylinder piers with concrete and add three I Beams to each bay, which will make the structure good for B-60 loading.

Division Superintendent

Division Superintendent at Glesneida

Bridge Engineer