

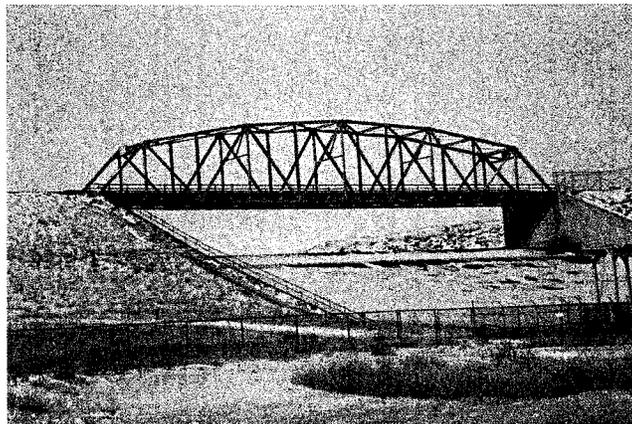
EXHIBIT 4
DATE Feb 1, 2011
HB 351

Hill County
Bridge Project

The Herman Bridge crosses Little Sage Creek on Secondary Route 255, approximately 14 miles north of Rudyard and was constructed in 1947 as a timber bridge. The existing bridge is in poor condition, as indicated by the rotten and failing substructure and deck. Most of its abutment and center pier piles have moderate to heavy splitting. The pile caps exhibit moderate checking and one pile cap has significant core rot and crushing. The asphalt overlay has loose patches of gravel and asphalt, and potholes are present. The MDOT Sufficiency Rating was 79.5. The County was proposing to replace this bridge with two 9-foot diameter corrugate steel culverts.

The Fresno Spillway Bridge crosses the Milk River atop the Fresno Reservoir Dam on Fresno Reservoir Road, approximately 15 miles northwest of Havre. The existing bridge is classified as a one-lane, single-span, steel through-truss bridge with a concrete foundation which is integral to the curb walls of the spillway. The existing concrete substructure is integral with the curb walls of the dam spillway and is in good condition with only minor concrete spalling. According to US Bureau of Reclamation, who own and operate the dam, the existing dam foundation is not to be replaced. The MDOT Sufficiency Rating was 64.3 and the Element Condition Rating for the Bridge Deck was 6.

The Road Department had identified a "soft spot" on the decking of the Fresno Dam Spillway Bridge. Initially, the crews had identified a 1 foot section to replace. However, the crews removed over a 8-foot section before they were able to find suitable materials. Since that time, the Road Supervisor has been advocating that the bridge decking should be replaced. When MDOT inspected this Bridge, they did not do any deck coring, nor did they utilize the crane to inspect the deck bottom. We believe that if MDOT had taken the additional steps on inspecting this deck, they would have given the deck structure a lower score.



The total project cost was \$348,164 with half of the funding or \$174,082 would have been from the TSEP Program and the balance coming from local funds and local labor. Without TSEP funding, this project will not move forward.