NEBRASKA

Good Life. Great Journey.

DEPARTMENT OF TRANSPORTATION

Date	
Structure Number	
Location	
Feature Intersected	
Agency	
Inspector Name	

Hangers

1. Check for loose or unevenly loaded member sub-elements.
2. Check for any welds, including plug, tack, or repair welds. Record location of welds, regardless of condition, and document weld type and category.
3. Check members for areas of heavy or pitted corrosion, nicks, gouges, and sharp bends, and. Record location of all these conditions and estimated section loss, if applicable.
4. Check all heat straightened or repaired areas. Record location of these areas, regardless of condition.

Pins

1. Check for pitting, laminar rust, surface deformation, and pack rust. It is important to check the pin, pin nuts, and all members surrounding the pin for this kind of steel deterioration.
2. Check for mobility and noise of pin and surrounding members. If the pin is physically "frozen" it is important to note this because the added stress can affect other members in the structure.
3. Observe and record abnormalities like alignment, pin wear, loose pin nuts, and amount of nut engagement. It is important to note that full nut engagement is when the nut is flush with the pin or the pin is extending past the nut.
4. Check for paint system failure on pin nuts, pin, and surrounding members.

PINS

Girder	Span	Location	Feature Inspected	Detail Description	Remarks

HANGERS