



**SPECIAL PROVISIONS
FOR
INSPECTION AND DETERMINATION OF RIVET REPLACEMENT**

**Buchanan County
TAP-R-C010(117)--8T-10**

**Effective Date
September 17, 2024**

THE STANDARD SPECIFICATIONS, SERIES 2023, ARE AMENDED BY THE FOLLOWING MODIFICATIONS AND ADDITIONS. THESE ARE SPECIAL PROVISIONS AND THEY SHALL PREVAIL OVER THOSE PUBLISHED IN THE STANDARD SPECIFICATIONS.

236022.01 DESCRIPTION.

This specification describes requirements for inspection and determination of loose/damaged rivets to be replaced.

236022.02 CONSTRUCTION.

A. Inspection.

1. General.

Identify any rivets on structure that are loose, missing, or have significant deterioration of rivet heads.

2. Inspection Procedures.

- a. Loose Rivets:** Strike rivets with a 40 ounce hammer on the side of the head in a direction that is approximately perpendicular to its shank. Rivets are considered to be loose if it can be felt to move after being struck.
- b. Deteriorated Rivets:** Visually inspect rivet heads for damage, corrosion, and other forms of deterioration. A rivet is considered significantly deteriorated if more than 25% of the total rivet head volume is missing.

B. Determination of Replacement.

Upon completion of inspection, submit a list of loose/deteriorated rivets to the Engineer for review. The Engineer will determine whether replacement of rivets is required. If replacement is required, follow procedures outlined in the Special Provisions for Hot Driven Rivets.

236022.03 METHOD OF MEASUREMENT AND BASIS OF PAYMENT.

Inspection and determination of rivet replacement will be measured and paid for as a lump sum bid item. Contractor will be paid the lump sum upon successful inspection of all rivets in existing members and members that are to be cleaned and refurbished/replaced. Payment is for full compensation of inspection

and testing for loose and significantly deteriorated rivets on the structure as outlined in this special provision and the contract documents.