

A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: June 20, 2017
Date of Addendum: June 16, 2017

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
011	78-0293-069	BRIDGE REPLACEMENT - STEEL GIRDER	POTTAWATTAMIE	IM-NHS-029-3(69)53--03-78	20JUN011A06

The weld testing note on Sheet 5 should be revised from:

"IN ADDITION TO THE REQUIREMENTS OF AREMA CHAPTER 15, SECTIONS 1.14 AND 3.5, NONDESTRUCTIVE TESTING OF WELDS SHALL BE PERFORMED AS FOLLOWS:

100% OF FLANGE TO WEB WELDS AND FILLET WELDS ON BEARING STIFFENERS SHALL BE INSPECTED BY THE ULTRASONIC METHOD 25% OF ALL OTHER WELDS SHALL BE INSPECTED BY ULTRASONIC OR MAGNETIC PARTICLE PROCEDURES 100% RADIOGRAPHIC TESTING IS REQUIRED FOR ALL FULL PENETRATION WELDS IN GIRDER WEBS FLANGES IF ANY DEFECTS ARE FOUND, THEN 100% ULTRASONIC OR MAGNETIC PARTICLE TESTING WILL BE REQUIRED."

TO

"NONDESTRUCTIVE TESTING OF WELDS SHALL BE PERFORMED IN ACCORDANCE WITH AREMA MANUAL FOR RAILWAY ENGINEERING CHAPTER 15: STRUCTURAL STEEL, THE BRIDGE WELDING CODE AWS D1.5 SECTION 3.5, AND AS FOLLOWS:

100% RADIOGRAPHIC TESTING IS REQUIRED FOR ALL FULL PENETRATION WELDS IN GIRDER WEBS AND FLANGES.

100 % MAGNETIC PARTICLE TESTING OF ALL FLANGE TO WEB WELDS.

100% MAGNETIC PARTICLE TESTING OF ALL FILLET WELDS ON BEARING STIFFENERS.

25% RADIOGRAPHIC TESTING OR MAGNETIC PARTICLE TESTING OF ALL OTHER WELDS. IF ANY DEFECTS ARE FOUND 100% RADIOGRAPHIC TESTING OR MAGNETIC PARTICLE TESTING SHALL BE REQUIRED."