

BRIDGES

CASE HISTORY

THOMAS CREEK BRIDGE CURRY COUNTY, OREGON

PROJECT DATE 1996 +2017 SUBSTRATE STEEL CATEGORY BRIDGES



OWNER

State of Oregon

PROJECT

Thomas Creek Bridge

CONTRACTORS

S & K Painting

SYSTEM

Surface Preperation

SSPS-SP10 Near White

Blast Cleaning

Primer

MC-Zinc,

Intermediate

MC-Miomastic

Top-Coat

MC-Ferrox A

INTRODUCTION

Spanning Thomas Creek on US 101, the Thomas Creek bridge was constructed in 1961 and is the highest bridge in Oregon at 345 feet. Designed by I.D. Merchant, the 956 feet structure consists of three steel deck Warren trusses that are supported by steel-frame towers on concrete piers. Following failure of zinc epoxy urethane coating in the early 1980's, repairs using Moisture Cure Urethane systems were successful and lead to the approval of Wasser MCU systems as the specified coating. Following an entire re-coating in the late 1990's, Thomas Creek Bridge is entirely

protected by Wasser Coatings.

2017 UPDATE

So successful was the original system (applied in 1996), that it is only now being re-coated; after more than 20 years of severe coastal service!



