

DESIGN SOFTWARE

DECK SLAB -
White Engineering Associates, Inc. Proprietary Software
(Version 2.06, 10-12-2007)
DECK CLOSURE SLAB -
White Engineering Associates, Inc. Proprietary Software
(Version 1.01, 8-31-2004)
PRECAST CONCRETE BEAMS -
White Engineering Associates, Inc. Proprietary Software
(Version 2.01, 4-27-2009)
STEEL BEAMS -
MDX Line Girder Design and Rating
(Version 6.5.655, 10-16-2009)
BEARING PADS -
White Engineering Associates, Inc. Proprietary Software
(Version 3.00, 12-30-2009)
ABUTMENTS -
White Engineering Associates, Inc. Proprietary Software
(Version 1.0, 3-15-2002)

DESIGN DATA

Class AA Concrete f'c = 4 KSI
Class A Concrete f'c = 3 KSI
Reinforcing Steel fy = 60 KSI
Structural Steel M270 (Grade 50W) Fy = 50 KSI
Stainlessl Steel A240 (Type 316) Fy = 30 KSI

LOADING -
HL-93 or Oklahoma Overload Truck
20 PSF Future Wearing Surface
5 PSF Stay-In-Place Forms
DESIGN -
AASHTO LRFD Bridge Design Specifications, 4th Edition
with 2009 Interims.
ANSI/AASHTO/AWS D1.5 Bridge Welding Code
ANSI/AWS D1.6 Structural Welding Code - Stainless Steel
LFD OPERATING RATING -
Reference BEAM DETAILS