DESIGN SOFTWARE

DECK SLAB -
White Engineering Associates, Inc. Proprietary Software
(Version 2.0, 6-4-2001)
DECK CLOSURE SLAB -
White Engineering Associates, Inc. Proprietary Software
(Version 1.0, 9-7-2001)
PRECAST CONCRETE BEAMS -
PennDOT PSLRFD (Version 1.4a, 4-14-2000)
White Engineering Associates, Inc. Proprietary Software
(Version 1.03, 12-12-2002)
STEEL BEAMS -
The BEST Center Merlin-DASH (Version 7.2, 11-24-1999)
WyDOT BRASS-GIRDER (LRFD) (Version 1.04.01, 7-2-2001)
BEARING PADS -
White Engineering Associates, Inc. Proprietary Software
(Version 1.1, 11-26-2001)
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

LOADING -
HL-93 or Oklahoma Overload Truck
20 PSF Future Wearing Surface
5 PSF Stay-In-Place Forms
DESIGN -
AASHTO LRFD Bridge Design Specifications, 2nd Edition with 2000 Interims, except for Bearing Pads which satisfy AASHTO Standard Specifications for Highway Bridges, 16th Edition with 1996 Interims, using HL-93 live loading.
ANSI/AASHTO/AWS D1.5 Bridge Welding Code
LFD OPERATING RATING -
Reference BEAM DETAILS

APPROVED BY BRIDGE ENGINEER DATE 8/29/03

OKLAHOMA DEPT. OF TRANSPORTATION
BRIDGE STANDARD (ENGLISH)

BRIDGE STANDARDS
DESIGN INFORMATION

1999 SPECIFICATIONS	B40-DESIGN-INFO	00E