## **AASHTOWare Bridge Rating and Design Training**

## TRE1- Bridge Workspace Tree (BrR/BrD 6.4)

	Materials	Notes
7		
	□ Structural Steel	
	☐ Grade 50W	
	⊟ Concrete	
	📘 4500 psi Concrete	
	☐ I Class A (US)	
	☐ Reinforcing Steel	
	Grade 60 - Epoxy	-
	Grade 60	
	Prestress Strand	-
	± ····· imber	
	Soil	
	Standard Soil 2	
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	Prestress Beam Shapes	
	🚊 — 📋 Steel Beam Shapes	-
	🚊 🔲 I Shapes	
	<u> </u>	
	🛅 Angles	
	Channels	
	Tees	
	Timber Beam Shapes	
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Ė	- 1 <u>-</u>	
	Parapet	
	□ Jersey Barrier	-
	····· 🛅 Median	
	🛅 Railing	-
	Generic	
<u></u>		
	□ Diapril agril Derinicions □ S D1	
	. —	
	Impact / Dynamic Load Allowance	
	EN D Malapio Tresente i accers	
<u> </u>	Factors	
	🛅 LFD	
	Ė···· 🛅 LRFD	
	LRFD 1994 AASHTO LRFD Specifications	
	LRFD 2010 AASHTO LRFD Specifications	
	LRFR	
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	Preliminary Design Setting (US)	
	EC Environmental Conditions	
	DP Design Parameters	
<u> </u>	SUPERSTRUCTURE DEFINITIONS	
	⊟ Simple Span Structure	
	Impact / Dynamic Load Allowance	•
	Load Case Description	
	Framing Plan Detail	
	Structure Typical Section	
	Superstructure Loads	
	Connectors Connectors	
	🛅 Shear Connector Definitions	
	🖃 🔲 Stiffener Definitions	
	🖃 🔲 Transverse	
	T Stiffener	
	1 Sided Dia Conn PL	
	2 Sided Dia Conn PL	
	⊕ Dearing	
	⊟ members	
	<del> </del>	
	<u> </u>	
	⊟	
	Member Loads	
	🚡 Supports	
	⊞···· 🛅 MEMBER ALTERNATIVES	
	⊟ I Plate Girder (E) (C)	

⊟·····	Notes
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⊟ <b>I</b> G2	-
──── <del>                                 </del>	
☐ I Plate Girder (E) (C)	
Toefault Materials	-
📑 Impact / Dynamic Load Allowance	
Live Load Distribution	
Hinge Locations	
Splice Locations  Grider Profile	<u> </u>
Deck Profile	
🖂 Haunch Profile	
📇 Lateral Support	
Stiffener Ranges	<u> </u>
⊕	
⊕ Points of Interest  □ Deterioration Profile	
⊕ I G3	
CULVERT DEFINITIONS	
☐ Copy of Culvert Def 1	
Impact / Dynamic Load Allowance	
Roadway Plan View	
Culvert Loads	<u> </u>
CULVERT ALTERNATIVES	
☐ Culvert Alt 1 (E) (C)	
RC Box Culvert Geometry End Conditions	
⊕ Bar Mark Definitions	
□ CULVERT SEGMENTS	
⊡	
Impact / Dynamic Load Allowance	
RC Box Culvert Thickness  RC Box Culvert Loads	
(ii) RC Box Culvert Coaus	<u> </u>
Points of Interest	
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☐ — A Single Span Bridge (E) (C)	
⊡ SUPERSTRUCTURES □ ▼▼ Single Span Structure	
□ SUPERSTRUCTURE ALTERNATIVES	
▼ Simple Span Bridge (E) (C) (Simple Span Structure)	
'├─†' Stiffness Analysis	
PIERS	
CULVERTS	<del></del>