

GLOSSARY

ABBREVIATION	DEFINITION
AASHTO	American Association of State Highway and Transportation Officials
AISC	American Institute of Steel Construction
API	Application programming Interface
ASD	Allowable Stress Design
BARS	Bridge Analysis and Rating Software
BIM	Building Information Modeling
BRIM	Bridge Information Modeling
BSI	Bentley Systems, Incorporated
CAD	Computer Aided Design
CAM	Computer Aided Manufacturing
CIP	Cast-In-Place
CIS/2	CIMSteel Integration Standards, the product model for data exchange of structural steel project information
C/MDL	MicroStation Development Language MDL Allowing programmers to execute C language code within MicroStation
CNC	Computer Numerically Controlled
CSV	Comma Separated Values file used for the digital storage of data structured in a table of lists form
DB	Database
DLLS	Dynamically Linked Libraries. DLLs are libraries of object files or executable code modules available to programmers writing code for the Microsoft Windows operating environment
FHWA	Federal Highway Administration
GPS	Global Positioning System
IBC	International Bridge Conference

IFC	Industry Foundation Classes, a common data schema that makes it possible to hold and exchange relevant data between different software applications.
IPD	Integrated Project Delivery
LANDXML	Land Extensible Markup Language, a data format that allows civil, survey and other land development information to be shared between applications.
LARS	Load Analysis and Rating System, a load-analysis engine that calculates and analyzes load rates.
LFR	Load Factor Rating
LRFD	Load and Resistance Factor Design
LRFR	Load and Resistance Factor Rating
MS	Microsoft
NCHRP	National Cooperative Highway Research Program
NSBA	National Steel Bridge Alliance
NBIS	National Bridge Inspection Standards
ODBC	Open Database Connectivity, a software API method for using database management systems that offers access to different database systems
OS/OW	Oversize / Overweight Vehicle
PONTIS	A comprehensive bridge management system developed by AASHTO as a tool to assist in the task of bridge management
RFI	Request For Information
SPMTs	Self Propelled Mobile Transporter
TransXML	TransXML is a family of data exchange formats designed to for transportation agencies to share information within and across the different stages of the transportation facility life cycle
TRB	Transportation Research Board
VBA	Visual Basic for Applications, enables developers to build user defined functions, automate processes, and access Win32 and other low level functionality through DLLs.
VIRTIS/Opis	Comprehensive bridge rating and design tools developed by AASHTO
XML	Extensible Markup Language, a markup language for documents containing structured information.