Tier 1 Enhancement List

How to find out the details of the enhancements?

For Incident number starts with "VI":
- Go to BrDR Support website's Support page (https://aashto.mbakercorp.com/Pages/Support.aspx)
- Under the Customer Support Center section, open the *Legacy IssueNet Support Center Issues* PDF file
- Search for the VI number in the PDF file

For Incident number starts with "BRDRSUP":
- Go to BrDR JIRA Support Center (https://bridgeware.atlassian.net/browse/BRDRSUP)
- If you don't have a login, the username/password for the read-only access login is BrDR@mbakerintl.com/readaccess
- Search for the BRDRSUP number in the BrDR JIRA Support Center

Incident	Subject
VI 2737	AASHTO LL deflection control option (LRFD) - Should be able to turn off any spec item, and then what is turned off should be reported in
VI 4362	Save Analysis Events – Location
VI 5941	Graphical representation of pier/superstruct relationship
VI 6037	Minimize time of superstructure analysis when launched from pier analysis
VI 6700	Add BRASS engine data for user to pick how to compute shear capacity in reinforced concrete - This may be an Illinois enhancement
VI 7417	NSG enhancement - store influence surfaces (lines for 2D) for future use - similar to 3D, 11775
VI 7672	Traffic Tab Missing Design ADT Field - year would be nice, shouldn't allow percentages more than 100%, BrM allows decimals
VI 7673	Traffic Tab Missing Truck Fraction Multiplier
VI 8039	Enhancement Request - Cover Plates with Schedule Based input - steel girders
VI 8177	Prevent analysis of a truss from the Superstructure Definition on the model tree(marking as existing/current) - similar to BRDRSUP-114
VI 8179	GFS/TFS - Provide a way to link a Stringer Member to another identical Stringer Member.
VI 8180	GFS/TFS - Provide a way to link a Floorbeam Member to another identical Floorbeam Member.
VI 8433	Spec check of individual pier components
VI 8455	Pipe Pile Substructure Option
VI 8494	Design Aid for Column Steel, add drilled shafts
VI 8581	Schematic of pier reinforcement - should be able to turn on and off
VI 8600	Substructure Wizards Needed
VI 8849	Unit Weight PS Sections Library - evaluate combining with 7109
VI 8989	Schedule Based Reinforcement Input for Concrete I Girder
VI 9313	steel channel section for exterior girders

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VI 10392	Bearing stiffeners for floorbeam/stringer systems
VI 10933	Live Load Scale Factor not applied in rating
VI 11129	Virtis Enhancement: LLDF Computation for Non-splayed Girders
VI 11366	Virtis Enhancement request: Coverplates on Both Surfaces of Flanges
VI 11586	xframes within diaphragm wizard - add diaphragm definition as default to diaphragm wizard
VI 11706	Culvert Design Tool - Various Issues - 1 = yes, 2 = interpolation from table, 3 = yes, 4= fixed , 5 = fixed, 6 = fixed, 7 = fixed
VI 11720	add 2 parameters into the GUI for the calculation of transverse load patterns
VI 12352	Culvert: User-Defined Dead Load
VI 12388	fixed ends on floorbeams
VI 12491	Point Capacity Issue - include with point of interest wizard number 162
VI 12543	member load not showing up in window
VI 12671	curved steel girder diaphragm wizard improvement, also add cross frame wizard (284)
VI 12748	It's Difficult To Modified Entries in Girder Profile
VI 12764	custom section properties/blob shape. Need to work out how to do spec check
BRDRSUP-52	curved steel longer than 300-ft
BRDRSUP-97	allow reduction due to low adtt
BRDRSUP-110	Copy and Paste - should apply to everything if the dimensions are the same
BRDRSUP-115	Stringer unit layout names
BRDRSUP-263	Add adjacent vehicles for a permit vehicle for LRFD Design Review for 3D analysis
BRDRSUP-264	Auto generate small mesh sizes at locations where force change dramatically or allow users to adjust mesh size
BRDRSUP-283	POI - include with 162
BRDRSUP-285	add adjacent vehicles for a permit vehicle for lrfd design review for 3d analysis
BRDRSUP-318	Shear reinforcement for edge beams
BRDRSUP-467	For MCB girder bridge, integral abutment substructure is not getting linked with Superstructure
BRDRSUP-567	Request ability to add additional steel thickness for new design for weathering steel
BRDRSUP-581	Hinges in Girder floor systems
BRDRSUP-596	Connection type between stringers and floor beam
BRDRSUP-612	Dog-legged framing plan
BRDRSUP-613	Post-tensioned precast RC I-Beams
BRDRSUP-641	BrR does not model concrete section loss in P/S girders
BRDRSUP-642	Add an input field for max aggregate size
BRDRSUP-683	Consider the fixed bearing pin location (height) for curved girders
BRDRSUP-688	Permit runs for NSG with hinges
BRDRSUP-695	Analyze local web yielding and web crippling for steel beam ends

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BRDRSUP-721	The sign of the capacity is determined by the total demand instead of the live load demand
BRDRSUP-728	Girder profile schematic for steel built-up members
BRDRSUP-732	Rate the RC Box Culvert with variable thicknesses of the slabs and walls
BRDRSUP-797	Culvert Module - Culvert Skew
BRDRSUP-831	Rating for curved steel girder with A441 steel
BRDRSUP-852	Revising the function of initial losses used in LRFR
BRDRSUP-937	Substructure should be dynamically linked to substructure of MCB
BRDRSUP-938	Dead load (DC2) distribution for MCB needs revision
BRDRSUP-987	Software should allow users to modify the boundary condition
BRDRSUP-1029	Compute LLDF for steel beam / timber deck structures from typical section
BRDRSUP-1068	Ability to model varying girder number / spacing per span
BRDRSUP-1096	Allow user to use LRFD Appendix A6 method for any non-composite members
BRDRSUP-1113	Enhance curved girder capabilities in BrR to handle varying locations of point of curvature per girder
BRDRSUP-1114	Curved girder ratings of splayed girders
BRDRSUP-1144	Enhancement to find bridge feature
BRDRSUP-1299	Ability to enter multiple layers for wearing surface.
BRDRSUP-1419	Display data in Bridge Explorer windows based on tolerance settings
BRDRSUP-1422	Store standard strand pattern with library beam shape
BRDRSUP-1424	Add new library category for reinforcement
BRDRSUP-1425	Additional configurations for PS I and tee shapes
BRDRSUP-1426	Wizard based user interface for entering a bridge
BRDRSUP-1428	Show diaphragm schematic on the Bracing Deterioration window
BRDRSUP-1430	Move Shear Reinforcement Definition to under Bridge instead of Superstructure Definition
BRDRSUP-1431	Show PS strands on Girder Profile schematic
BRDRSUP-1432	Multi-cell box with fillet on slab overhang
BRDRSUP-1434	Copy field splice to bottom flange
BRDRSUP-1435	Schematic for cross-section based members
BRDRSUP-1436	Option to account for 100% section loss
BRDRSUP-1437	Show bent and hook bars in the Reinforcement schematic
BRDRSUP-1438	Prepare for 3D import/export
BRDRSUP-1439	Ability to define substructures for curved superstructures
BRDRSUP-1440	Design and analyze abutments
BRDRSUP-1441	Ability to override vehicle path for Bridge Explorer rating
BRDRSUP-1444	Slab section schematic including reinforcing steel

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BRDRSUP-1446	Show piles in 3D pier schematic
BRDRSUP-1447	Provide 2D pile schematic
BRDRSUP-1463	Make "actions" similar to photoshop for data entry