

## ***Vote Results - Combined (sorted by total points)***

<b><i>Incident</i></b>	<b><i>Total Points</i></b>
6586 <i>Ability to find bridges with specific types of mbr alts</i>	5589
11774 <i>Unable to define girder or deck loads as composite loads</i>	4500
12216 <i>PS I Beam Shapes will not use entered Area to compute self-load</i>	4231
12501 <i>Allow input of feet, inches and decimals in input fields</i>	4013
2569 <i>Linking engine error to GUI windows</i>	3048
9734 <i>Alternate distribution factors for "Concrete Beams use in Multibeam Decks"</i>	1950
12140 <i>Computed voided slab selection properties not being used</i>	1688
11995 <i>Culvert Reports - Member Moments, Shears and Axial Forces</i>	1275
3091 <i>Add glulam deck, longitudinal deck and longitudinal stress-lam desc timber structur</i>	1077
11247 <i>Schedule based entry for steel built-up member</i>	1013
10778 <i>Bending and Shear Capacity for Bend Over Bars</i>	975
9313 <i>The ability to use a steel shape for a beam and run the analysis.</i>	926
12608 <i>LRFD Culvert - Limit States</i>	900
10339 <i>LRFD/LRFR live load distribution factors for Stringer, Floor Beam, Girder Systems.</i>	876
8039 <i>Enhancement Request - Cover Plates with Schedule Based input - steel girders</i>	863
12559 <i>Enhancement request for reports/charts</i>	863
12642 <i>Analysis Charts - Request for additional Critical Loads</i>	863
11129 <i>Virtis Enhancement - LLDF Computation for Non-splayed Girders</i>	788
12200 <i>Support varying LRFD LL DF within a range</i>	764
10179 <i>Virtis 6.2 currently can not open multiple windows of Specification Check Windows.</i>	750
11047 <i>Enhance for Concrete Shear Reinforcement Capacity with LFR</i>	750
11975 <i>Splice Analysis Enhancement</i>	750
11361 <i>Transforming girder reinforcement</i>	713
11719 <i>Culvert - Bi-axial flexure</i>	713
12467 <i>Behavior of Shear Stirrup Wizard, after it generated the shear spacing</i>	713
11050 <i>Rating Results Table created in Explorer - Enhancement Request</i>	684

<b>Incident</b>	<b>Total Points</b>
8989 <i>Schedule Based Reinforcement Input for Concrete I Girder</i>	641
7445 <i>Wizard to Create Superstructures and Superstructure Alts</i>	638
8158 <i>Add new columns in bridge explorer</i>	638
4438 <i>Madero/Timber issues (include runners and multiple layer decks)</i>	600
11958 <i>Rate for both positive and negative LL demand regardless of the sign of factored TO</i>	600
12388 <i>Fixed Ends on Floorbeams</i>	600
12716 <i>Data within BWS report should reflect the values entered into the software</i>	600
7471 <i>Unable to generate LRFD flexure analysis summary and shear analysis summary fo</i>	563
7787 <i>Generic Section Composer for Opis &amp; Virtis</i>	563
8004 <i>Copy member loads to another member</i>	563
8906 <i>Additional Dead Loads (Studs, stiffeners, splice plates)</i>	563
11220 <i>Built-up Section Enhancement</i>	563
12715 <i>Span Length attributte should be added to "Girder Member"</i>	563
2969 <i>Distribution Factor Manipulations (without checking out the bridge) (Use scale fact</i>	525
12433 <i>Model precast, prestressed, rectangular beam with variable depth</i>	525
10471 <i>Adding database conversion option to setup</i>	522
6365 <i>Column Geometry/Wall Shaft Geometry window for varying sections</i>	488
7249 <i>Bridge rating should continue even if there is no superstructure definition assugned t</i>	488
11106 <i>AASHTO Standard Engine (version 6.3.0 or higher) needs capability to turn-off inve</i>	465
5391 <i>RC Slab Compute Button for LFD &amp; LRFD Distribution Factors</i>	450
11551 <i>Spec check does not check for Strength II when chosen</i>	450
12168 <i>Traffic load placement for the narrow way bridges</i>	450
12339 <i>Culvert - Rebar Size</i>	450
9452 <i>Modify the timber program to include glulam beams. the use of the the proprites fro</i>	440
9713 <i>Pile Pattern Templates</i>	423
3589 <i>Add Post Tensioned Concrete</i>	414
6729 <i>Prestress Design with various strand pulls</i>	413
8433 <i>Spec check of individual pier components</i>	413

<b>Incident</b>	<b>Total Points</b>
695 View the Summary of Rating Results from BWS	375
1810 Gray Harps	375
3205 Output summary - Design Reports	375
6623 Virginia DOT training: Revise Girder Member Loads input format	375
6834 NSG Tracks instead of wheels	375
7304 Member Capacity in output	375
11407 Option for user defined Cb in AASHTO LFD	375
11585 Cross Frames member that made Double Angles	375
11682 Capacity should be limited to Moment at first yield for girders with Fy <30 ksi	375
11837 Add default values of k and E50 to help file	375
12172 Culvert - bent bar with hook	375
12215 Windows Authentication	375
4699 Provide Access to All Load Rating Results	368
10481 Analysis results be put in table form	355
4821 Need tabular report showing stresses	338
11366 Coverplates on both surfaces of flanges	338
11618 Steel bars along the length of culvert	338
12796 Check box for AASHTO LRFD Table 4.6.2.2.2b-1 Type g (case 2)	338
4814 Show hold-down pt on p/s profile schematic	300
4942 Enhance Stringer Member window with span lengths info.	300
5809 Superstructure Environment - WL & WS-Super	300
6608 Proposed Addition - Options for Analyze button - Super and Sub	300
7417 NSG enhancement - store influence surfaces (lines for 2D) for future use	300
11863 Built-Up I Beam Member: No Provision For a Horizontal Back to Back Dimension	300
11998 LRD Culvert Live Loading	300
12202 Bottom Slabs of Box Culverts	300
3253 Additonal P/S Shape Window Validation	263
4781 Copy Diaphragms to All Bays	263

<b>Incident</b>	<b>Total Points</b>
4943 <i>Validate stringer span lengths info in definition to agree with stringer member altern</i>	263
5905 <i>Schedule based rc - compute tributary width</i>	263
6510 <i>Add ability to rate with and without wearing surface in one analysis run</i>	263
8379 <i>Provide another DL distribution method based on percentages of load</i>	263
10777 <i>Analysis of Combined Axial Load and Bending</i>	263
11054 <i>Prestressed Design will ask for basic geometric and material parameters, iterate a b</i>	263
11815 <i>Detailed Rating Report using BWS Report Writer</i>	263
12130 <i>Ignore Shear control option for the AASHTO Steel LFR engine</i>	263
12181 <i>General Procedure Method for Shear Computation - Culvert</i>	263
4701 <i>Enhancements for Permit Routing</i>	230
1935 <i>Rebar Sizes - add to library including square bars</i>	225
4729 <i>Show calculations for live load distribution factors and effective flange widths.</i>	225
5941 <i>Graphical representation of pier/superstruct relationship</i>	225
7960 <i>Additional fields in Bridge Explorer</i>	225
7976 <i>As Requested in Rating Analysis Results</i>	225
8455 <i>Pipe Pile Substructure Option</i>	225
8625 <i>Reinforcement - add square bar equivalents to the help.</i>	225
8990 <i>Post Tension Concrete Girder</i>	225
9964 <i>Enhancement to add multiple distribution factor ranges based on NSG analysis. Nu</i>	225
12073 <i>Override Epsilon value for 'or' option as noted in 5.8.3.4.2</i>	225
12213 <i>Culvert - Exposure Factor enhancement</i>	225
12352 <i>Culvert: User-Defined Dead Load</i>	225
3607 <i>Add Parabolic Harping of Prestressing Strand</i>	204
5190 <i>Copy Diaphragms to All Bays</i>	188
7198 <i>Update the jacking stress ratio automatically for user</i>	188
8991 <i>Concrete Box Girder Bridge</i>	188
9458 <i>Live Loads - AASHTO Manual for Condition Evaluation Spec 6.4.4.2.1</i>	188
11367 <i>Virtis calculation of C for FB with Section Loss</i>	188

<b>Incident</b>	<b>Total Points</b>
<i>11775 Ability to run a spec check from a previous 3D bridge analysis</i>	<i>188</i>
<i>12471 User Defined Materials and Beam Shapes</i>	<i>188</i>
<i>4703 Accommodating Structures with Different Girder Types</i>	<i>179</i>
<i>10083 Floor Beams supported on main girder and substructure</i>	<i>176</i>
<i>565 Profile Schematic w/overlapping stiffeners or diaphragms causes dimensioning to be</i>	<i>170</i>
<i>1208 Printing of structure rating results from the Bridge Explorer</i>	<i>153</i>
<i>1149 Schematic Profile View - Hinge locations not available</i>	<i>150</i>
<i>2190 SHEAR REINFORCEMENT RANGES -- symmetric option</i>	<i>150</i>
<i>3093 Add Report Tool for ASD analysis</i>	<i>150</i>
<i>3268 Add warnings to Virtis if spec-checks fail</i>	<i>150</i>
<i>3284 Simplify the BWS tree by hiding alternatives</i>	<i>150</i>
<i>3866 Upside down channel shape (precast.prestressed)</i>	<i>150</i>
<i>8110 Library tree items</i>	<i>150</i>
<i>8179 GFS/TFS - Provide a way to link a Stringer Member to another identical Stringer M</i>	<i>150</i>
<i>10223 Selecting trucks in the Analysis Settings Dialog</i>	<i>150</i>
<i>11770 Enhancement of Truss Member and Cross Section Inputs</i>	<i>147</i>
<i>1269 Need to improve hardcopy</i>	<i>136</i>
<i>4799 Add intermediate short floor beam in the end panel of a skewed GFS and GF structu</i>	<i>128</i>
<i>2602 Cleanup of engine data files</i>	<i>119</i>
<i>6376 Copy and paste column and row headers with the results graph data.</i>	<i>113</i>
<i>9802 AASHTO Engine: Report shear ratings in Rating Summary</i>	<i>113</i>
<i>11566 Enhancement request - Truss Supports Deck</i>	<i>113</i>
<i>12135 Bridge Alternative Wizard - Culvert</i>	<i>113</i>
<i>2178 Point of Interest description -- add description to poi</i>	<i>75</i>
<i>2987 Enhance Tabular Reports window to allow selectiopn of columns</i>	<i>75</i>
<i>3860 Longitudinal Symmetry Option</i>	<i>75</i>
<i>8760 3D Schematic Doesn't Show Piling</i>	<i>75</i>
<i>8848 Library Properties - PS with Radius Fillet</i>	<i>75</i>

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<i>11713 PS Deck Beam Distribution Factor Control</i>	<i>75</i>
<i>7907 VSE apparently does not do "ignore positive moment at supports..." for continuous P</i>	<i>51</i>
<i>10315 Generic Deck is not allowing a rating to be done for NSG</i>	<i>43</i>
<i>3881 Report Writer Enhancement - add analysis output like code checks &amp; section propert</i>	<i>38</i>
<i>11458 Truss Buildup Member Revision</i>	<i>38</i>
<i>12341 Madero Engine: locating max and min LL actions</i>	<i>38</i>
<i>12655 Rating Summary Report - % Span Column Missing</i>	<i>38</i>
<i>11084 Dist. Factor LRFR Stripped Lanes</i>	<i>17</i>