

2015 Extensive Estimates

Estimate	
mini	<2 days
small	2 - 5 days
medium	1 - 2 weeks
large	2 - 4 weeks
extensive	> 4 weeks
nc	No charge
no est	Not estimated yet

Do for 6.8

Cost estimate includes unit testing but not alpha, beta and acceptance testing or fixing.
 7/12/03 - Est. Cost changed to reflect the cost of fixing during testing. Does not include testing.

Bucket Symbols		Notes Symbols	
TR	Superstructure - Truss	TF	Task Force Approved
GFS	Superstructure - GFS	LR	Long Range
TFD	Superstructure - TF Direction	SL	Short Listed by TAG
UI	Superstructure - UI		
TI	Superstructure - Timber		
PT	Superstructure - Post Tensioning		
3D	Superstructure - 3-D Analysis		
OFM	Substructure - Original Functionality Missing		
GR	Substructure - Graphics		
RE	Reports		
AT	Administrative Tools		
CU	Culvert		
NET	.NET		
M	Maintenance		

Enhancement Category	Version	Incident	Bucket Category	Estimate	Est. Cost	Date Submitted	Notes	Benefits	Subject
Technical		1233	Enhancement	extensive	>26000		LR	BrD	Opis as a Design Tool - improve the iteration capabilities to be automatic
Technical		1864	Enhancement	extensive	>26000	12/2/99		Both	PS Beam Temporary Supports - Transportation -- dynamic effects on beam due to transporting
Technical		2293	Enhancement	extensive	>26000	2/10/00		Both	Structure Framing Plan Details – Temporary Diaphragms
Useability		2602	Enhancement	extensive	>26000			Both	Cleanup of engine data files
Technical		2683	Enhancement	extensive	>26000			Both	Enhancement Request - Bridge Explorer Folders/Filters/Lists -add more fields
Technical		2759	Enhancement	extensive	>26000			Both	Stiffness of multi-layered decks for Girder Distribution Factors
Technical		3091	Enhancement	extensive	>26000	2/5/01	SL 7/02	Both	Add glulam deck, longitudinal deck and longitudinal stress-lam desc timber structures
Output		3205	RE	extensive	>26000	5/1/01		BrD	Output summary - Design Reports
Useability		3284	Enhancement	extensive	>26000			Both	Simplify the BWS tree by hiding alternatives
Useability		3305	Enhancement	extensive	>26000			Both	Enhance schematics for data entry
Technical		3589	Enhancement	extensive	>26000			BrR	Add Post Tensioned Concrete
Technical		3607	PT	extensive	>26000		SL 7/02	BrR	Add Parabolic Harping of Prestressing Strand
Technical		4438	TI	extensive	>26000		SL 7/04	BrR	Madero/Timber issues (include runners and multiple layer decks)
Technical		4699	Enhancement	extensive	>26000			BrR	Provide Access to All Load Rating Results
Technical		4701	Enhancement	extensive	>26000			BrR	Enhancements for Permit Routing
Technical		4703	Enhancement	extensive	>26000			BrR	Accommodating Structures with Different Girder Types
Useability		4799	Enhancement	extensive	>26000			BrR	Add intermediate short floor beam in the end panel of a skewed GFS and GF structure
Output		4821	Enhancement	extensive	>26000			BrD	Need tabular report showing stresses
Technical		5399	Enhancement	extensive	>26000			Both	Allow user override for schedule based reinforcement dev lengths
Schematic		5941	Enhancement	extensive	>26000	2/2/05	SL 6/09	BrD Sub	Graphical representation of pier/superstruct relationship
Technical		6327	Enhancement	extensive	>26000			BrD	Critical Design Point Missed in POI Wizard
Useability		6605	Enhancement	extensive	>26000			Both	Possible Enhancement - Mandatory Input Color Coding
Useability		6622	Enhancement	extensive	>26000			Both	Virginia DOT training: control display digits for real numbers
Technical		6655	Enhancement	extensive	>26000			BrR	Using fill plates in bearing analysis
Useability		6834	Enhancement	extensive	>26000			BrR	NSG Tracks instead of wheels
Technical		7446	TR	extensive	>26000		SL 7/06	BrR	Truss deck def needs to include timber decks
Useability		7626	UI	extensive	>26000	9/21/06		Both	Add "OK/Next" button to component definitions windows to speed up input
Schematic		7682	TFD	extensive	>26000	10/27/06		Both	Text Overwritten in Rebar Schematic
Useability		7787	Enhancement	extensive	>26000	1/20/07		Both	Generic Section Composer for Opis & Virtis
Useability		8039	Enhancement	extensive	>26000	7/27/07	SL 6/09	Both	Enhancement Request - Cover Plates with Schedule Based input - steel girders
Wizard		8494	Enhancement	extensive	>26000	3/6/08	SL 6/09	BrD Sub	Design Aid for Column Steel
Useability		8989	Enhancement	extensive	>26000	3/11/09	SL 6/09	BrR	Schedule Based Reinforcement Input for Concrete I Girder

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Useability		9158	TR	extensive	>26000	5/15/09		BrR	timber stringers on floorbeams (truss and floor systems)
Useability		9313	Enhancement	extensive	>26000	6/23/09	SL 5/10	BrR	steel channel section for exterior girders
Useability		10083	GFS	extensive	>26000	6/25/10		BrR	Floor Beams supported on main girder and substructure
Useability		10777	TFD	extensive	>26000	4/21/11		BrR	Analysis of Combined Axial Load and Bending
Useability		11104	GFS	extensive	>26000	9/16/11	SL 5/12	BrR	Enhancement to Stagger Stringers in Floor Truss Systems
Useability		11247	Enhancement	extensive	>26000	2/21/12		Both	Schedule based entry for steel built-up member.
Technical		11366	Enhancement	extensive	>26000	4/20/12	SL 5/12	Both	Virtris Enhancement request: Coverplates on Both Surfaces of Flanges
Useability		11397	AT	extensive	>26000	5/1/12		Both	Enhancement - Bridge Exchange
Technical		11685	TR	extensive	>26000	7/3/12		BrR	using the interaction equations for tension and compression members in the Guide Specs for Truss (Section 1.8) with eccentric
Behavior		12215	NET	extensive	>26000	2/27/13		Both	Question on Windows Authentication
Miss Function		BRDR-69	3D	extensive	>26000	9/20/13		BrR	Analysis and Rating of Curved Floor System
Technical		BRDR-71	3D	extensive	>26000	9/20/13	SL 5/14	Both	Noncomposite Section to Be Included in the Curved Steel Plate Girder Rating
Miss Function	6.8	BRDR-138	GFS	extensive	>26000	1/7/14	SL 5/14	BrR	NSG vehicle analysis on Floor System Superstructures
Technical		BRDR-237	3D	extensive	>26000	4/16/14		Both	3D analysis for adjacent PS beams with no deck
Technical		BRDR-265	3D	extensive	>26000	5/15/14		Both	Wind loads applied to 3D model for analysis
Miss Function		BRDR-613	Enhancement	extensive	>26000	5/14/15		Both	Post-tensioned Precast RC I beams