

**Detailed Engineer's Estimate and Cost Breakdown by Countermeasure  
For Construction Items Only**

**Important: Read the Instructions in the other sheet before entering data.  
Do not enter in shaded fields (with formulas).**

Agency:	Trinity County DOT	Application ID:02-Trinity County-01	Prepared by:	Alex Mattson	Date:	4/26/2013
---------	--------------------	-------------------------------------	--------------	--------------	-------	-----------

**Project Description:R32: Install edge-lines and centerlines**

**Project Location:Throughout Trinity County**

Engineer's Estimate (for Construction Items Only)						Cost Breakdown										
						Safety-Related Costs								Non Safety-Related Costs		
						Countermeasure #1		Countermeasure #2		Countermeasure #3		Other Safety-Related				
Item No.	Item Description	Quantity	Units	Unit Cost	Total	%	\$	%	\$	%	\$	%	\$	%	\$	
1	4" Two-component paint traffic stripe	1255780	lf	\$0.66	\$822,768	100	\$822,768									
2	Mobilization	1	ls	\$84,613.42	\$84,613									100	\$84,613	
3	Traffic Control	10	day	\$792.00	\$7,920									100	\$7,920	
4	Retroreflective beads	1,255,780	lf	\$0.01	\$15,446	100	\$15,446									
5														100		
6														100		
7														100		
8														100		
9														100		
10														100		
11														100		
12														100		
13														100		
14														100		
15														100		
16														100		
17														100		
<b>Sub Total of Construction Items:</b>					\$930,748		\$838,214								\$92,533	
<b>% of "Construction Items only" Cost per Countermeasure (Yellow fields - To be entered in TIMS B/C Calculator)</b>						90%	CM #1		CM #2		CM #3		Other Safety	10%	Non Safety	
<b>Construction Item Contingencies (% of Con Items): Enter in the cell to the right</b>				20.00%	186,150											
<b>Total (Construction Items &amp; Contingencies):</b>					1,116,900	(Rounded up to the nearest hundreds)										
<b>Maximum "HSIP/Total" percentage allowed for Construction</b>					90%											