

## Value Engineering (design phase)

Federal-aid highway projects on the National Highway System with an estimated cost of \$25 million or more are required to undergo Value Engineering (VE) analysis. (Code of Federal Regulations Title 23, Part 627)

Value Engineering is defined as the systematic application of recognized techniques by a multi-disciplined team to identify the function of a product or service, establish a worth for that function, generate alternatives through the use of creative thinking, and provide the needed functions to accomplish the original purpose of the project, reliably, and at the lowest life-cycle cost without sacrificing safety, necessary quality, and environmental attributes of the project.

Projects that have had Value Engineering reports include:

<b>17-137</b>	Route 72 Relocation, Bristol
<b>34-260</b>	Route 7, Danbury
<b>51-259</b>	I-84 / Route 4, Farmington
<b>83-255</b>	I-95 Resurfacing & Safety Improvements, Milford
<b>84-93</b>	Route 34 Stevenson Dam Bridge, Monroe
<b>151-273</b>	I-84 Highway and River Realignment, Waterbury
<b>171-305</b>	Busway, New Hartford
<b>301-40</b>	Saga Bridge, Westport
<b>301-40</b>	Walk Bridge, Norwalk
<b>301-88</b>	NHRY Facilities Improvements, New Haven

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