

Impact of Supplier Distance on Project Costs

Trucking aggregate is a major cost driver of road construction projects. If local permitting issues cause an aggregate site to go offline, the product must be trucked in from alternative sites, adding significant cost to the project.

Increase in supplier distance	Rural Road Cost Increase	% Increase in project cost	Urban Road Cost Increase	% Increase in project cost
10 miles	\$345,600	17%	\$472,320	7%
20 miles	\$691,200	34%	\$944,640	14%
30 miles	\$1,036,800	51%	\$1,416,960	21%
40 miles	\$1,382,400	69%	\$1,889,280	29%
50 miles	\$1,726,800	86%	\$2,359,960	36%

Rural Road

Assuming a typical 4-mile stretch of reconstruction on a rural road costs \$2M, the cost of trucking aggregate increases the project cost at the following intervals:



Urban Road

Assuming a typical 4-mile stretch of reconstruction on an urban road costs \$6.5M, the cost of trucking aggregate increases the project cost at the following intervals:

