



**WAUKESHA PUBLIC LIBRARY**

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Bruce Gay, Library Director  
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Date: September 30, 2020  
 To: Library Board Building Committee  
 From: Bruce Gay, Library Director  
 Re: Front Entry repair options

Last month Engberg Anderson sent the library revised images for the front entry repair. There are several options that will further reduce the cost of the project from the current base bid estimate of \$714,154. Images and costs are below.

Moving forward, I recommend revising the construction bids as follows:

1. Choose the option to reduce the steel needed to support the vertical resin panels by making the panels equal sized, rather than panels designed to match the window sizes.
2. Choose the option to eliminate the resin horizontal panels that create the canopy and replace them with a more traditional canopy, with downlights to light the walkways, ramps and stairs below it.
3. Include an option to include an image on the vertical panels.
4. Include an option to replace the white lights with colored ones.

<b>Description</b>	<b>Cost Change</b>	<b>Total</b>
Revised base bid	\$714,154	\$714,154
Reduced steel with equal size vertical panels	-\$32,375	\$681,779
Reduced steel and horizontal canopy, rather than resin	-\$64,474	\$617,305
Image added on vertical resin panels with reduced steel and horizontal canopy	+\$22,999	\$640,304
Colored lights replacing white lights	+\$24,201	\$664,505
Net reduction from revised base bid		-\$49,649



1. Note that the lines of the vertical panels do not match the lines of the windows behind them. This reduces the amount of extra steel support needed and saves the library **\$32,375**.



2. This image replaces the horizontal resin panels with a solid canopy, more like a traditional roof. Lights are included shining down from the canopy. This option reduces the cost by **\$64,474**. It also makes lighting the library sign simpler.





3. These are two night views of the images from the previous page—(above) with horizontal resin panels and (below) with a horizontal canopy. Note the effect of the lights attached to the horizontal panels in the second image.





4. These images add an image to the resin panels. In this case a bird's eye view map of old Waukesha. The cost of adding an image is \$22,999. Both horizontal options are shown.

