

# BRIDGE DESIGN ELEMENTS

*Please fill out a Bridge Options Checksheet*



## Railing Design Options

## Bridge Texture Options



C1



C2



C3



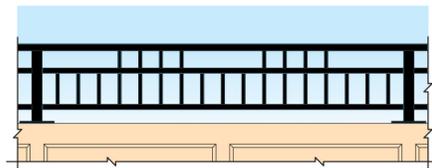
1120 YOSEMITE STONE



1112 PUCCA STONE



1114 RANDOM CUT STONE



C4



C6



RAILING AT BROWDALE BRIDGE



1125A AUTUMN LEAVES DRYSTACK



12030 MILWAUKEE RIVER ASHLAR



12010 MINNEHAHA BLEND



C5

## RAILING COLOR OPTIONS



BLACK



BROWN



GREEN



12005 BEARPATH COURSED STONE



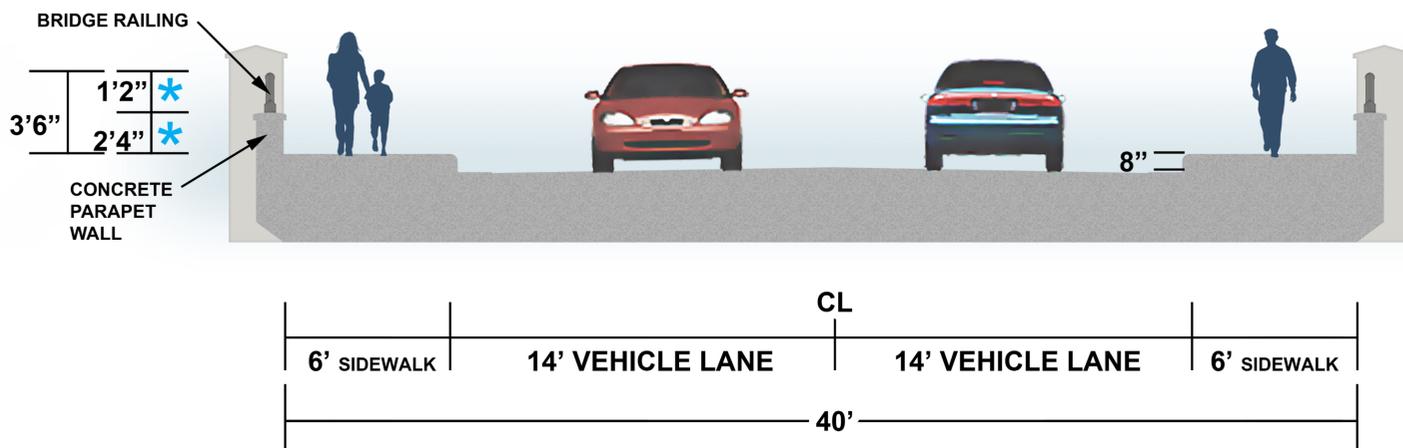
11008 RUSTIC ASHLAR



1117 CALIFORNIA RIVER STONE

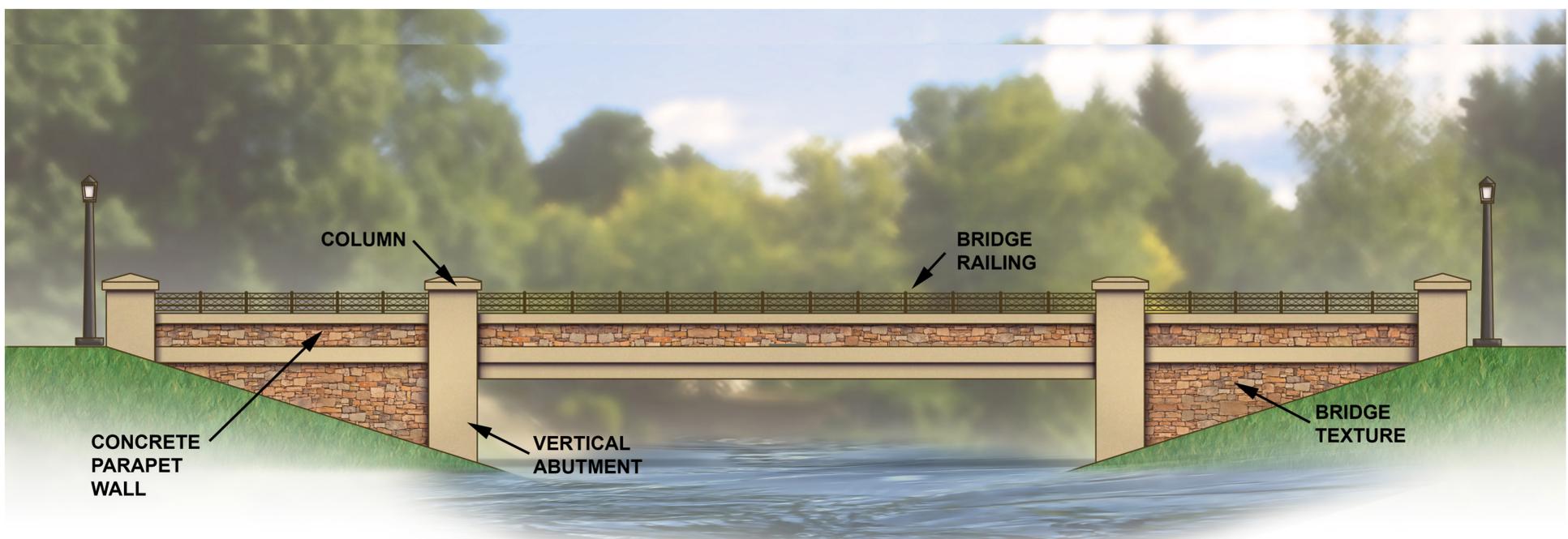


# BRIDGE DESIGN VIEWS



## 54TH STREET BRIDGE TYPICAL SECTION

- The cost of the bridge will be paid for by MnDOT State Aid funds
- MnDOT State Aid bridge design rules require a crash tested vehicle barrier on the bridge
- MnDOT State Aid bridge design rules also require a pedestrian railing adjacent to sidewalks with a 4" maximum opening
- A combination concrete parapet wall vehicle barrier and pedestrian railing system like the one shown will be incorporated to satisfy bridge design rules
- \* Dimension shown is the minimum MnDOT State Aid design height requirement



## 54TH STREET BRIDGE ELEVATION VIEW

- This is a concept of what the bridge railing and texture could look like
- The bridge texture and railing design are optional. Please see the board titled BRIDGE DESIGN ELEMENTS for examples of bridge texture and railing options.
- Please fill out a Bridge Options Checksheet to select the textures and railing designs that are most appealing to you
- The new bridge will be concrete with street lights placed at each end
- The new bridge will not be raised higher than the elevation of the current bridge
- Bridge textures and exposed concrete other than the concrete sidewalk and vehicle lanes will be treated with an anti-graffiti coating

