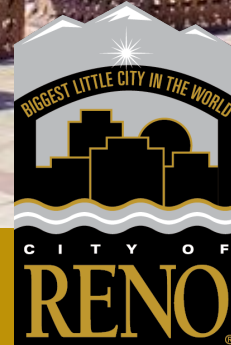
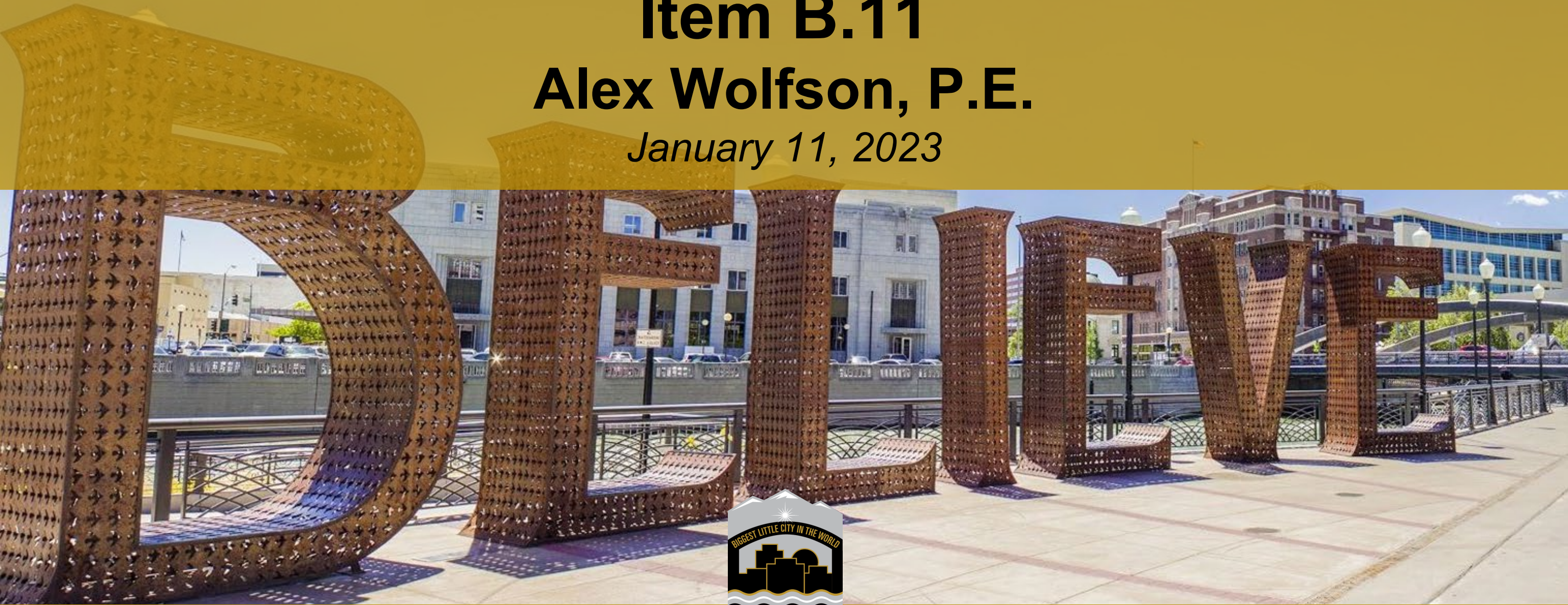


Traffic Signal Refurbishing Project

Item B.11

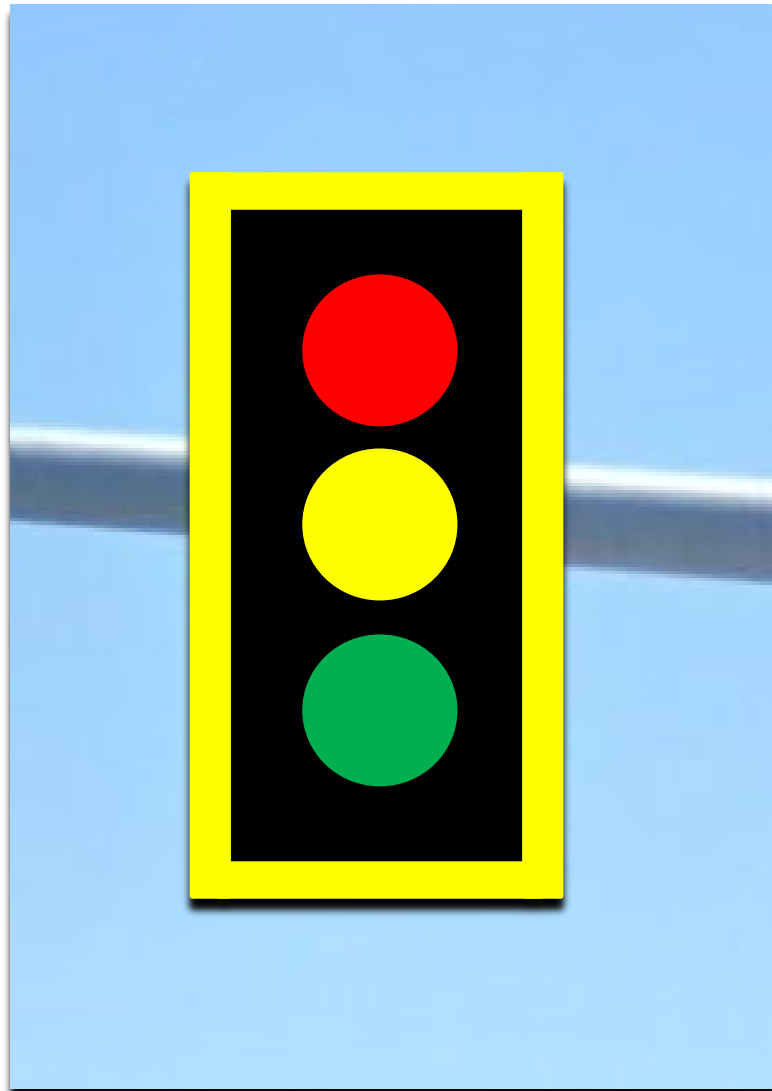
Alex Wolfson, P.E.

January 11, 2023



What is the project?

Refurbish over 2200 traffic signal heads at over 150 intersections:



- 1. Replace the red, yellow, and green indications**
- 2. Repaint the black signal backplate**
- 3. Install a retroreflective yellow border around the backplate**

Why this project?

Yellow Borders

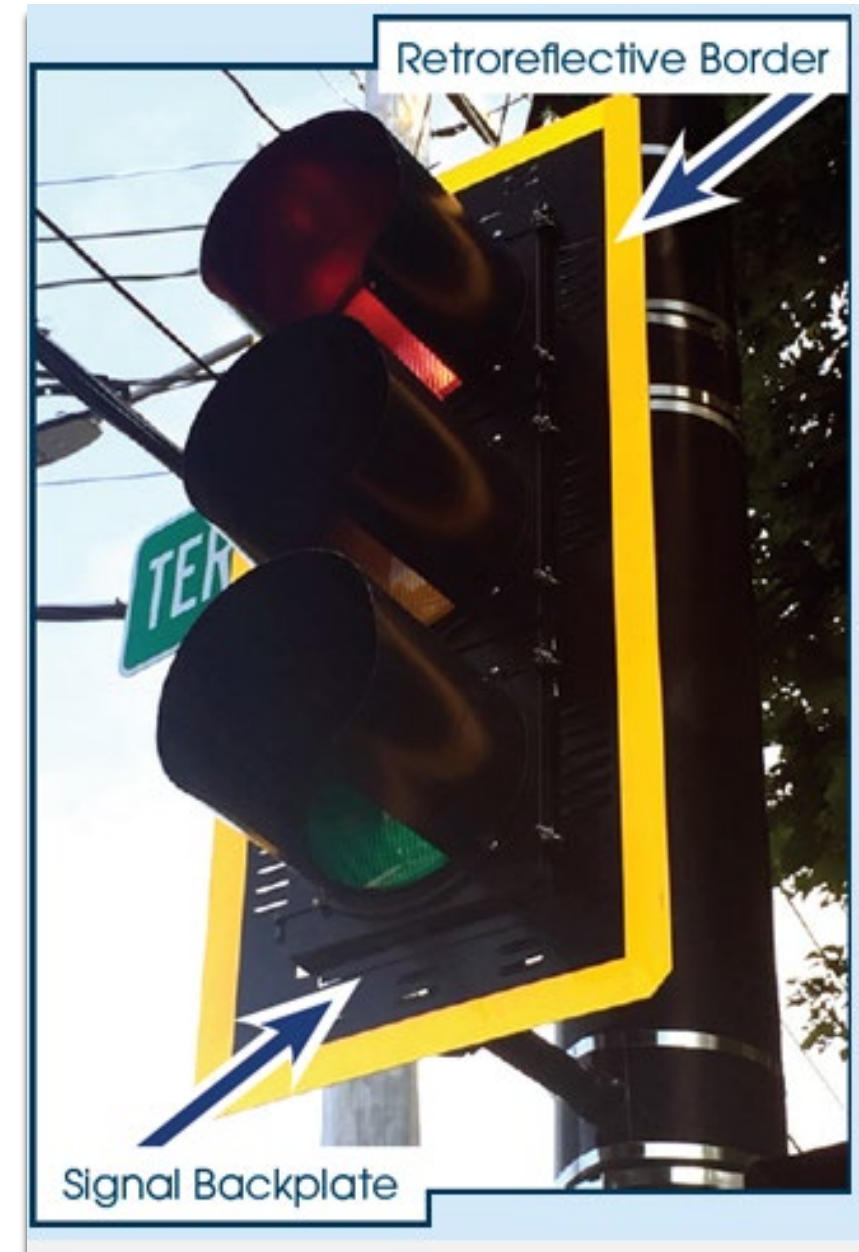
- Reduces intersection crashes by up to 15%
- Assists color vision impaired users
- Allows dark signals to be seen at night

Indication Replacements

- Less failures during live operation
- Uniform brightness levels

Backplate Repainting

- Improves visibility of borders and indications



Recommendation

I move to award the Contract to PAR Western Line Contractors for the Traffic Signal Refurbishing Project in an amount not to exceed \$1,119,969.