

PROJECT THEME

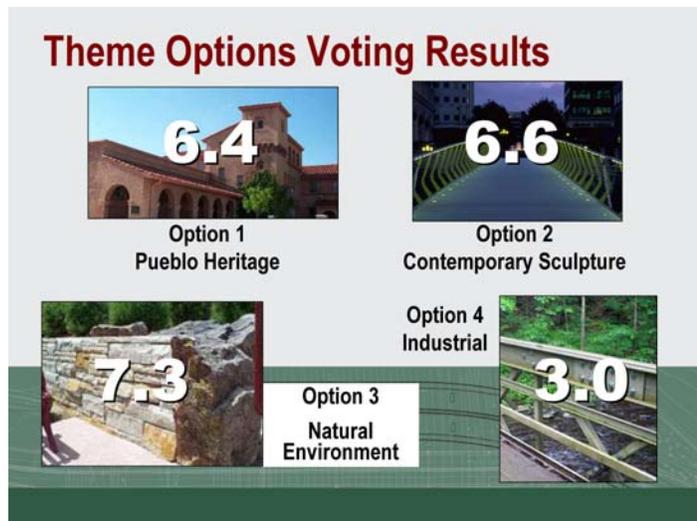
Voter Score Tabulation

Number of Voters: 25

| Voter/ Feature Option | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
|--------------------------|---|----|----|---|---|---|----|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 6 | 4 | 5 | 8 | 6 | 9 | 1 | 8 | 9 | 7 | 3 | 3 | 8 | 7 | 2 | 10 | 7 | 8 | 8 | 8 | 8 | 6 | 6 | 5 | 7 |
| 2 | 5 | 6 | 10 | 2 | 9 | 8 | 10 | 5 | 9 | 6 | 7 | 9 | 5 | 3 | 7 | 4 | 7 | 7 | 8 | 5 | 1 | 8 | 9 | 9 | 5 |
| 3 | 7 | 10 | 8 | 4 | 9 | 8 | 1 | 8 | 7 | 8 | 10 | 6 | 8 | 8 | 10 | 6 | 9 | 9 | 8 | 8 | 8 | 4 | 6 | 9 | 4 |
| 4 | 4 | 2 | 3 | 7 | 1 | 3 | 1 | 2 | 1 | 2 | 1 | 4 | 1 | 2 | 1 | 1 | 5 | 1 | 8 | 3 | 8 | 4 | 2 | 1 | 6 |

Results

| Feature Option | Average Score | Rank |
|--------------------------|---------------|------|
| 1 Pueblo Heritage | 6.4 | 3 |
| 2 Contemporary Sculpture | 6.6 | 2 |
| 3 Natural Environment | 7.3 | 1 |
| 4 Industrial | 3.0 | 4 |



Voting Preference Form

Project Theme Comments

Option 1 – Pueblo Heritage

- Combination Heritage, Industrial. Industrial because steel industrial and railroad
- Needs to be somewhat incorporated, would like to see a local artist with work on bridge – ornate railing, tile
- Most agreeable for area
- Could be incorporated in “artwork” on bridge – sculpture panels, etc.
- Pueblo has a very diverse culture. If we focus on one ethnic group, the others would be left out
- I really like the arch - details use of color and materials this represents
- Combination of 1, 2 and 3 would be ideal
- I like the mission style that incorporates arches, etc.
- Celebrate the international boundary. I think the piers need to reflect Pueblo Heritage, which is masonry. This needs to be on roadway level.
- Should have southwestern style accents
- Possibly combine Option 1 & 2
- Could overlap some of the historic elements in use of natural materials on western abutment
- Multi-cultural but don’t overdo it. Art-deco and early auto. Blend with Harp.

Option 2 – Contemporary Sculpture

- Focus / impact / vertical / color
- Would like to see a combo of Contemporary and Natural theme
- Vertical impact
- Simple, clean lines. Solid looking and color
- Will be hard to accomplish with ugly river levee
- Use a combination of Concrete, Natural Stone and Steel with sweeping lines
- I like the simple lines combined with Natural Environment
- Like Harp, like design
- Perhaps the superstructure could incorporate both Option 1 and Option 2 (a more “modern” Pueblo heritage)
- The bridge deck will be contemporary but need to be supported by column, natural or heritage
- Bridge design is already modern enough
- I like the idea that a contemporary theme is less likely to be out-dated in 15-20 years
- Although this bridge is in an industrial area, that should not be the theme. I think clean efficient lines to contrast are required.
- Simplistic lines, not neon or ultra modern elements

Option 3 – Natural Environment

- With contemporary concepts included throughout
- Detail at pedestrian level
- Like the dry stack walls, rough stone
- Match new theme in HARP
- Design to stand out from the rail yards
- I would like to see a theme like the HARP bridges. That could eventually tie downtown to HARP
- Want to see use of natural materials – especially stone – works w/bluff, river environment
- I'd like to see this theme used below along the river trail/Legacy. It could be applied to the trail, nearby pier and abutment
- The natural theme needs to be carried out along the river
- Tie-in at “south” abutment to river should have a mini-park with landscaped embankment. Maybe reuse old stone abutments from old bridge.
- Structure needs to compliment recreational users along the river

Option 4 - Industrial

- Pueblo should get away from this type of industry past
- Too like the steel of rail yards below
- Not downtown
- **NO**
- We are no longer a steel city
- Could see some use to reflect railroad
- It is possible to incorporate an industrial pier type in the railroad yard only, such as used on Wabasha?
- This is my least favorite. I don't agree that form follows function is only industrial. Roadway theme Pueblo Heritage, bridge section contemporary, along the river Natural Environment
- One-half (+/-) of bridge crosses rail yard. Believe it or not, trains are fascinating for many people. Also CFI's proposed steel shapes for bridges in the past.
- Already too industrial. Need something to take you to next level
- Don't believe concrete structure blends with industrial very well
- Maybe use elements blended with Heritage theme

PEDESTRIAN RAILING

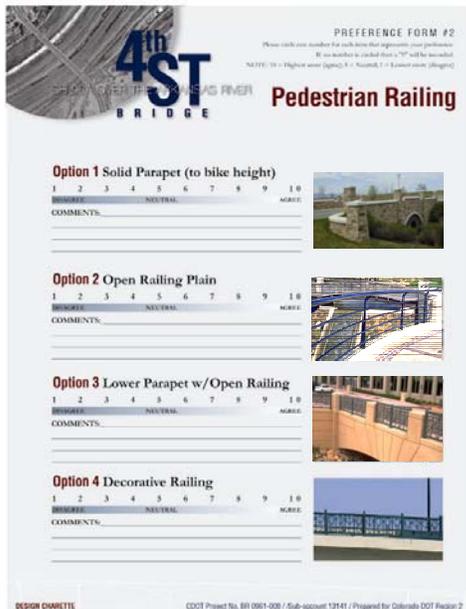
Voter Score Tabulation

Number of Voters: 24

| Voter/ Feature Option | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
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| 2 | 3 | 8 | 1 | 5 | 1 | 5 | 5 | 8 | 3 | 3 | 8 | 6 | 3 | 10 | 2 | 9 | 7 | 4 | 4 | 4 | 8 | 5 | 9 | 2 |
| 3 | 10 | 3 | 1 | 9 | 8 | 8 | 10 | 6 | 10 | 10 | 10 | 9 | 8 | 5 | 9 | 9 | 9 | 7 | 9 | 10 | 6 | 10 | 5 | 7 |
| 4 | 8 | 9 | 10 | 8 | 8 | 5 | 8 | 9 | 8 | 3 | 10 | 4 | 9 | 10 | 10 | 5 | 5 | 8 | 3 | 8 | 3 | 10 | 5 | 10 |

Results

| Feature Option | Average Score | Rank |
|------------------------------------|---------------|------|
| 1 Solid Parapet | 2.1 | 4 |
| 2 Open Railing - Plain | 5.1 | 3 |
| 3 Lower Parapet w/ Open Rail Above | 7.8 | 1 |
| 4 Decorative | 7.3 | 2 |



Voting Preference Form

Pedestrian Railing Comments

Option 1 – Solid Parapet

- Too confining
- I like the look of stone but not the solid enclosure
- People will climb on the wall or put children on top so they can see transportation and river. Graffiti problem.
- With “walls” on both side of pedestrian / bike path – too much of a confining feel – like visibility from bridge to river / rail yards – keep view for drivers as well.
- Too restrictive
- No
- Blocks view of river / rail yard.
- Adds to mass of bridge but blocks view
- I know that I like to be able to look over the bridge.

Option 2 – Open Railing - Plain

- Too plain
- Maybe add a simple decorative element (southwest design)
- I think the open railing makes the bridge look smaller and blends into the environment.
- Must not be open enough for kids to get through.
- Need rail top on Jersey barrier.
- Clean lines and southwest designs.
- There is a clear plastic panel available that could be used to meet the opening requirements yet provide visibility.
- Too plain
- Add no mass to bridge less of a comfort level
- If a Jersey style barrier is used between auto and pedestrian / bikes, we should add metal handrail for the top also to prevent bicyclists from accidentally falling into vehicular traffic.

Option 3 – Lower Parapet with Open Railing Above

- Combine open deck with security feeling of parapet. May help those with vertigo issues while still allowing benefit of open rail.
- Best of both worlds! Could work well with colors, textures on vertical elements and semi-decorative railing.
- With Option 4 – transition railing to outside of structure (side view).
- This design will look best with the Natural theme.
- I like the solid look of the parapet, but I would like to see stonework like in Option 1 instead of the stucco look in this picture.

- Looks great!!
- Open railing with vertical parapet elements spaced to accommodate lighting. Potential need for overlook areas stamped/color elements on roadside rail.
- Could be useful to increase mass of bridge.
- I like the massive balusters as a way to punctuate the open railing.
- Unique designs in both the railing and parapet.
- Established in the city on other existing bridges solid lines.
- I like this for the visibility and for the consistency with the traffic separation and median. View is important.
- I like this with decorative railing. I prefer a combination of 3 & 4.
- Have decorative pilasters periodically with inset artwork.
- Helps add mass to bridge and provide comfort, security and allows view.

Option 4 - Decorative

- Not too fancy, but works well with options
- Lower parapet with decorative open railing. Parapets with “columns” would allow for themes to be cast or inlaid on them.
- Again, simple design not to hinder viewing of elements below.
- This can be blended with Option 3.
- This looks too much like a fence with no character.
- Combine with low parapet over rail yards. “Jersey barrier” with decorative top rail also will protect pedestrians from rain, slush splashed by cars.
- Cost is an issue.
- Complement railing used for HARP but with slightly different look, i.e. art deco. Use decorative pattern on pedestrian / bike side of Jersey barrier to compliment outside rail.
- Need rail cap on Jersey barrier. Can be open with decorative top rail.
- One of a kind design or unique design – important. Provide viewing areas outside sidewalk area like Wabasha Street Bridge.
- Too busy and too expensive.
- I prefer a combination of Options 3 & 4.
- Must be bold ornate color and texture.
- Might be too “fancy” for the area the bridge is in.
- Ornate railing reflecting Pueblo’s heritage. (Like the idea of a treatment along the Jersey barrier and the viewing areas. The viewing areas need to be outside the sidewalk path.)

BRIDGE END TREATMENTS

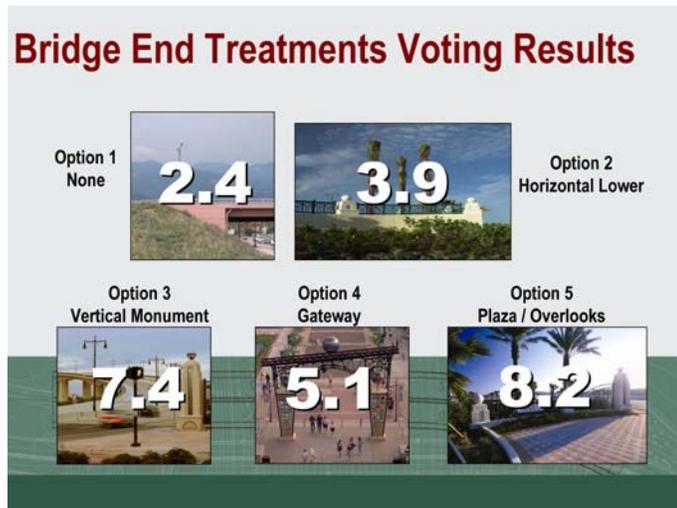
Voter Score Tabulation

Number of Voters: 21

| Voter/ Feature Option | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|--------------------------|----|---|----|----|----|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 1 | 3 | 2 | 1 | 1 | 3 | 5 | 2 | 4 | 9 | 8 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 2 |
| 2 | 2 | 2 | 5 | 2 | 2 | 3 | 8 | 7 | 4 | 10 | 8 | 5 | 1 | 1 | 6 | 3 | 1 | 2 | 5 | 1 | 4 |
| 3 | 8 | 9 | 10 | 9 | 10 | 5 | 2 | 7 | 8 | 3 | 5 | 10 | 6 | 9 | 5 | 5 | 8 | 8 | 10 | 10 | 9 |
| 4 | 7 | 6 | 2 | 9 | 8 | 8 | 2 | 4 | 3 | 1 | 1 | 10 | 1 | 3 | 10 | 9 | 1 | 5 | 4 | 8 | 5 |
| 5 | 10 | 9 | 9 | 10 | 10 | 8 | 9 | 9 | 7 | 5 | 1 | 10 | 10 | 9 | 10 | 8 | 8 | 5 | 8 | 9 | 9 |

Results

| Feature Option | Average Score | Rank |
|---------------------|---------------|------|
| 1 None | 2.4 | 5 |
| 2 Horizontal Lower | 3.9 | 4 |
| 3 Vertical Monument | 7.4 | 2 |
| 4 Gateway | 5.1 | 3 |
| 5 Plaza / Overlooks | 8.2 | 1 |



Voting Preference Form

Bridge End Treatments Comments

Option 1 - None

- Too plain
- Like the clean simple lines and solid colors
- Less distracting
- Terrible for the location
- Not for “signature” bridge
- Need some better sense of being on a bridge
- Erosion and weeds
- No
- Too plain

Option 2 – Horizontal Lower

- A workable solution with plaza and overlooks
- With the loop on one end and the trail/river on other high visibility excellent opportunity for southwestern natural designs
- I think this fits best with natural or contemporary theme
- May be appropriate from loop ramp roadway
- These elements could be incorporated as a regular pattern across the bridge in combination with vertical elements
- Horizontal enough
- I’m afraid this would increase the horizontal element

Option 3 – Vertical Monument

- Nice way to accent the bridge for better exposure
- Include as part of the lighting
- Possibly incorporate sculptures
- Don’t overdo what’s already been done
- Incorporate vertical elements into gateway design with overlooks. Mid-span vertical element at boundary demonstration (i.e. over pier in RR by levy) associated with viewing overlook
- Doesn’t really fit with surroundings
- Depends on type of vertical monument, i.e. see project theme and if will be timeless or dated in several years
- Something added to mark beginning and end of bridge. Needs to be noticeable from a distance.
- Given the grade on the bridge, I do not see a vertical element as an enhancement.

- Simple monument (bridge history) at north abutment – maybe small plaza that utilizes parking areas of mall
- Incorporate abutment theme across the bridge
- Not too large
- Monuments at abutments and repeated with tall vertical light weight feature at each pier, highest in center
- Keep it simple and not too massive, one at each end might be good. Combine with one plaza at each end. Use smaller versions together with decorative rail?

Option 4 - Gateway

- This would be more inviting to foot traffic if placed over the sidewalks
- Could be different at each end
- Too fussy support between walk and road not easy to handle
- Good opportunity to incorporate thematic elements
- Not sure how gateway elements would impact view westbound into town
- Incorporate into monuments emphasize the vertical
- May be too much. Not sure about mid-town end and how that might work

Option 5 – Plaza / Overlooks

- A nice overlook toward center of bridge would be a big plus
- I prefer vertical monuments combined with overlooks at scenic locations (river)
- Overlooks on the bridge as this will enhance the Legacy project
- I would like to see a plaza at both ends and overlooks on each pier
- Overlooks/plaza should be outside the sidewalk and at both ends and at least two per side on the structure. Incorporate landscaping at end plazas.
- Yes! Plaza in middle for view of rail yard and river. Shade would be great!
- Great for watching the river and trains.
- Overlook at ends and are to see river and rail – if plaza can be connected to trail system by river
- Area and west end will be excellent for overview
- Too cluttered and distracting
- These are a must because of kayak viewing and railroad viewing. Four plazas – one on each corner of bridge and two overlook over levy pier
- Overlooks at piers by plaza / parking area / trail head and south abutment
- Plaza at west abutment with possible connection to River Trail, overlooks at piers (larger ones over the river)
- Resting point in middle of bridge benches or low “wall” to sit on.
- Overlook only at ends of structure. Do not make a picnic area on the structure. West end plaza provides access to trail.
- Vertical monuments with overlooks at the abutments and mid-span. No plaza

- Overlooks would be nice over the river (best views from the bridge). A plaza just off the bridge on the SW corner would make for a nice trail head/resting spot for trail users. Don't construct plazas or overlooks where the views are poor (east end of bridge).
- Overlook at mid bridge and at bluff end, rest area for seniors/others
- One plaza at west end. Use overlooks – maybe one big or a couple of smaller ones. Have benches.

SIDEWALK TREATMENT

Voter Score Tabulation

Number of Voters: 21

| Voter/ Feature Option | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|--------------------------|---|---|----|----|---|---|---|----|---|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 6 | 3 | 10 | 1 | 1 | 1 | 1 | 1 | 3 | 5 | 1 | 5 | 3 | 1 | 8 | 1 | 6 | 5 | 1 | 2 | 5 |
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| 3 | 8 | 9 | 1 | 1 | 8 | 1 | 9 | 10 | 8 | 8 | 10 | 3 | 3 | 10 | 8 | 6 | 9 | 5 | 7 | 9 | 9 |
| 4 | 8 | 3 | 1 | 6 | 1 | 8 | 9 | 2 | 8 | 5 | 5 | 3 | 3 | 3 | 3 | 10 | 5 | 8 | 10 | 2 | 8 |
| 5 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 5 | 6 | 3 | 1 | 3 | 3 | 2 | 1 | 5 | 2 | 4 |
| 6 | 8 | 9 | 10 | 10 | 8 | 8 | 9 | 9 | 8 | 8 | 10 | 8 | 10 | 10 | 5 | 5 | 9 | 8 | 10 | 9 | 8 |

Results

| Feature Option | Average Score | Rank |
|----------------|---------------|------|
| 1 None | 3.3 | 3 |
| 2 Continuous | 6.3 | 2 |
| 3 Intermittent | 6.8 | 1 |
| 4 Patterns | 5.3 | 2 |
| 5 Textures | 2.4 | 3 |
| 6 Colors | 8.5 | 1 |



Voting Preference Form

Sidewalk Treatment Comments

Option 1 - None

- Too plain
- My favorite. Simple clean lines, easy to repair
- Need something more than just concrete
- Too plain
- With color would be okay
- Too plain
- Simple concrete surface, nice for bike at night – AC shoulders are dark and absorb the light so bikes will tend to use the sidewalk
- No interest

Option 2 - Continuous

- Color not pattern
- Match color of bridge
- Too “busy”. Difficult to match in future if repairs necessary
- Continuous simple theme design should be incorporated with intermittent areas of high textures, patterns and colors. Perhaps at the overlook areas.
- Combine with Option 6
- Use color patterns to distinguish overlooks and entrances
- Continuous – nothing
- Sets the bridge apart from surrounding walks
- Might be overwhelming...too much for such a span

Option 3 - Intermittent

- At overlooks
- Highlight theme at overlooks/plaza
- At pier overlooks and plazas
- Use pattern to highlight beginning and end of bridge and at plazas/overlooks
- Continuous simple theme design should be incorporated with intermittent areas of high textures, patterns and colors. Perhaps at the overlook areas.
- Some kind of pattern where the overlooks are
- Only at overlooks
- Compromise
- Would be okay at major interest points
- I think intermittent (at piers) will break up the long runs of sidewalk
- I think of this as adding something to look forward to

Option 4 - Patterns

- At overlooks
- Hard to repair later on in the lifespan of the bridge
- Develop patterns with colors, not textures
- Simple pattern using colors at intermittent/plaza locations
- Continuous simple theme design should be incorporated with intermittent areas of high textures, patterns and colors. Perhaps at the overlook areas.
- This tends to get too busy
- Creates character and place
- Want the sidewalk to be visually distinct
- If innovative, this could be economical and easily maintained

Option 5 - Textures

- Too hard to maintain!
- Concern for long-term maintenance
- I hate CDOT cobblestones!!!!
- Too hard to maintain
- Continuous simple theme design should be incorporated with intermittent areas of high textures, patterns and colors. Perhaps at the overlook areas.
- Parapets of texture would be better than continuous
- Too much maintenance
- Not appropriate
- I too am concerned with maintenance and cleaning

Option 6 - Colors

- Continuous color on sidewalk
- Match color of bridge
- Suggest stain vs. integral coloring agent for uniformity
- Could be just solid color concrete
- Subtle colors – continuous but change color at plazas/overlooks
- Lower cost, practical
- Color the concrete to match the total bridge color (some contrast) use neutral or Pueblo logo colors
- Use colors to distinguish overlooks and entrances
- At plazas and overlook only
- I think that some color should be added to distinguish between the road and the sidewalk
- This can be achieved very simply and economically

COLOR

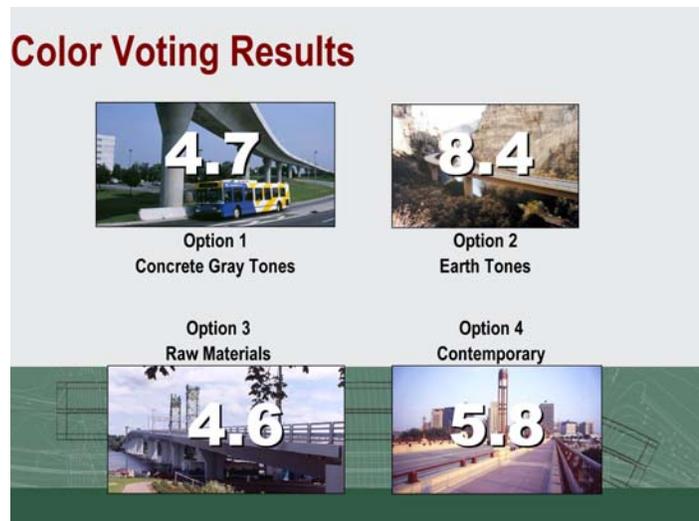
Voter Score Tabulation

Number of Voters: 21

| Voter/ Feature Option | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|--------------------------|---|---|----|----|----|----|----|---|---|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 5 | 3 | 1 | 1 | 7 | 7 | 1 | 1 | 1 | 6 | 1 | 5 | 5 | 1 | 8 | 3 | 9 | 8 | 8 | 10 | 8 |
| 2 | 9 | 9 | 10 | 10 | 8 | 10 | 10 | 8 | 9 | 8 | 10 | 7 | 8 | 7 | 6 | 10 | 10 | 8 | 8 | 4 | 7 |
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| 4 | 5 | 7 | 4 | 10 | 10 | 5 | 1 | 7 | 6 | 5 | 10 | 6 | 1 | 10 | 2 | 8 | 1 | 5 | 7 | 10 | 2 |

Results

| Feature Option | Average Score | Rank |
|-----------------------|---------------|------|
| 1 Concrete Gray Tones | 4.7 | 3 |
| 2 Earth Tones | 8.4 | 1 |
| 3 Raw Materials | 4.6 | 4 |
| 4 Contemporary | 5.8 | 2 |



Voting Preference Form

Color Comments

Option 1 – Concrete Gray Tones

- Too plain
- Only on piers in RR yard
- Only on structural elements, piers, boxes, deck. Use earth on parapets
- Combo of gray tones and earth tones
- For structure / piers dark gray
- For long-term maintenance, natural concrete would be best
- Use for superstructure and piers long-term color that won't fade in varying degrees, no maintenance costs
- Use earth tones or raw materials as highlights on bridge rail lighting, etc.

Option 2 – Earth Tones

- With a brighter color on railings, pier centers, etc.
- I would like the structure to be a light beige with some red highlights, i.e. railings
- Match colors on HARP and Main St. bridges
- Like Wabasha concept
- May want to keep all the newer bridges in same color palates. A lot of features in this area do revolve around the earth tones.
- With raw materials for railings, light poles, etc.
- Earth tone with contemporary highlights
- Only on top elements as related to pedestrians
- Use earth tones for major parts and eye catching contemporary colors for highlights. Can be bridge colors but limited, i.e. bridge hand rails
- Paint select areas of the bridge use “natural” concrete colors on the rest of the bridge
- For features please stay away from the Pueblo “tan”
- Earth tones that are not too dark go with most every color scheme
- Perhaps compliment with contemporary colors for the west abutment to blend with reviver trail/natural setting
- Use as accents for gray tones. Use lighter tones. Darker ones fade in high UV light.

Option 3 – Raw Materials

- Too plain
- On predominately sun-shaded areas (bottom of box girder, etc.)
- Understructure of bridge – dark grays to hide smoke discoloration from locomotives to emphasize shadows

- Railings, light poles, etc. Bridge concrete to be earth tones
- Blends in too much
- Tone could go well with area, i.e. rail yard etc.
- Too dark
- Seem to dark / harsh
- These colors appear too dark and lifeless
- Could be used for accents

Option 4 - Contemporary

- Only for accents
- I would like to use the Pueblo sun logo on the sidewalk in the overlook areas
- Accents
- At monuments / overlooks
- Use sparingly to accent only
- Especially for accents – like railings, handrails, etc. Wabasha concept is good
- Don't want to go too crazy with too much loud color. Some louder color for a "punch" might be nice
- Focal color w/earth tones base
- Will be hard to match and maintain in later years
- Okay, but not the primary colors
- I think some bridge accent colors would be good
- Accent colors for railings, vertical elements and abutments
- Too bright. "Racing stripes" over used. Stay away from colors that are associated with heat. Pueblo is already too warm.

DECK LIGHTING

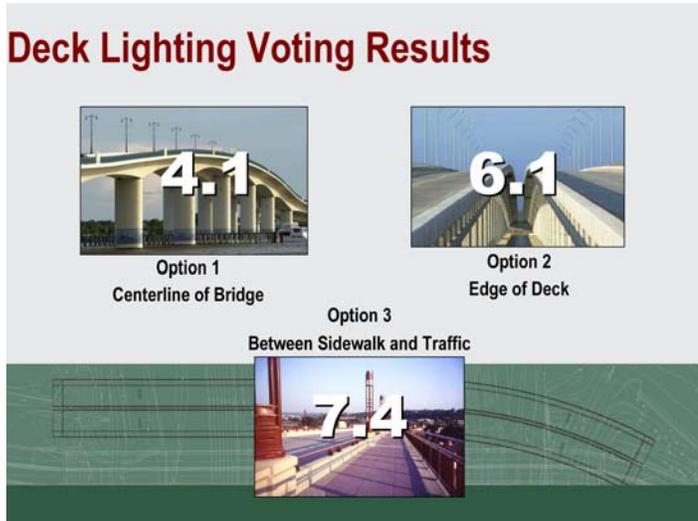
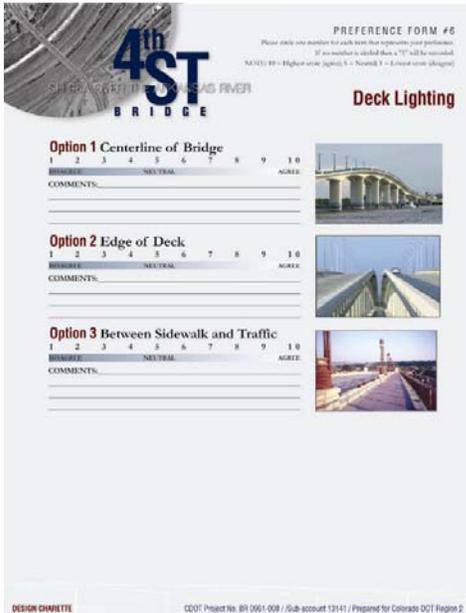
Voter Score Tabulation

Number of Voters: 22

| Voter/ Feature Option | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
|--------------------------|----|---|----|----|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 5 | 7 | 1 | 10 | 1 | 7 | 2 | 1 | 1 | 3 | 4 | 1 | 4 | 3 | 6 | 5 | 1 | 1 | 5 | 5 | 9 | 9 |
| 2 | 5 | 4 | 1 | 10 | 9 | 3 | 9 | 6 | 10 | 5 | 7 | 4 | 7 | 10 | 6 | 3 | 8 | 10 | 1 | 5 | 4 | 7 |
| 3 | 10 | 9 | 10 | 5 | 9 | 9 | 2 | 10 | 1 | 8 | 9 | 10 | 9 | 3 | 10 | 10 | 1 | 9 | 10 | 6 | 8 | 4 |

Results

| Feature Option | Average Score | Rank |
|--------------------------------|---------------|------|
| 1 Centerline of Bridge | 4.1 | 3 |
| 2 Edge of Deck | 6.1 | 2 |
| 3 Between Sidewalk and Traffic | 7.4 | 1 |



Voting Preference Form

Deck Lighting Comments

Option 1 – Centerline of Bridge

- For deck lighting
- Don't like this option because of the 6' separation
- This option draws your eyes to the center of the bridge, but I don't think it is inviting to pedestrians
- If we do this, we need separate pedestrian lighting between sidewalk and traffic
- Good use of lighting if it provides sidewalk lighting too
- This may not fit with lighting locations off the structure, but I have seen transitions from edge of road to centerline, like Santa Fe in Littleton

Option 2 – Edge of Deck

- For pedestrian lighting
- Minimizing maintenance and precludes vehicle hits and pedestrian vandalism
- Matches existing lights on 4th St. east and west of bridge
- OK
- Both roadway and pedestrian light. The sidewalk lighting to be low and at much closer intervals, this will enhance this night view of the bridge
- It looks too column like
- Roadway and pedestrian lights on same pole
- Design to eliminate reduction in total sidewalk width if possible
- On such a long structure, edge of deck lighting concerns me due to vibrations at mid-span. Can traffic and pedestrian lighting be separate?

Option 3 – Between Sidewalk and Traffic

- If roadway fixtures overhang the travel lanes, you can reduce the number of fixtures.
- Especially with consistent combined pedestrian / vehicular fixture
- Use light standards for flags, flowers, etc.? Don't consider high mast except for RR yard. At RR yard, can lights be more directional (shine down track) so it's not lighting the world. High mast is stark and industrial looking, so keeping it minimal to me RR needs are important.
- Opportunity to highlight the separation between vehicles/pedestrians – perhaps easier to maintain. More open feel and clean lines of outside of bridge.
- Combine poles, street light / pedestrian series of graduating heights from tallest at pier location
- I prefer a pole/fixture like the one in booklet Option 2 with high traffic light and lower pedestrian light
- I like this idea with deck and pedestrian lighting with a decorative pole

- Linear lighting on inside of pedestrian pathway
- With custom decorative lighting integrated into design of barrier and railway
- Combine 2 and 3 pedestrians between and cobras off outside
- Separates the sidewalk from roadway and sets up a usual barrier for drivers
- This option seems to preclude taking out the walk to add another traffic lane

AESTHETIC LIGHTING

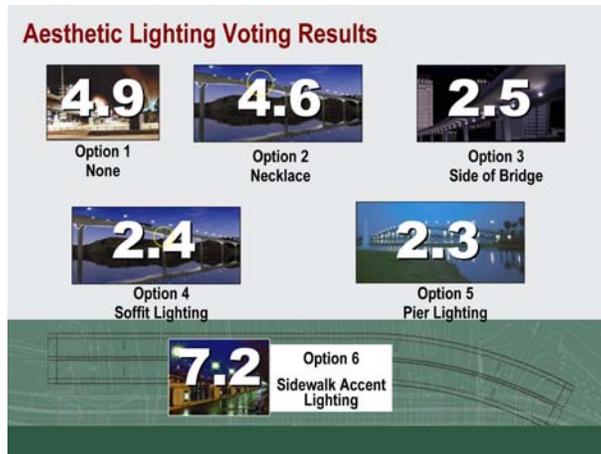
Voter Score Tabulation

Number of Voters: 20

| Voter/ Feature Option | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|--------------------------|---|---|---|----|----|---|---|----|---|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 1 | 1 | 9 | 8 | 10 | 1 | 3 | 2 | 8 | 8 | 1 | 1 | 7 | 8 | 1 | 2 | 9 | 5 | 3 | 9 |
| 2 | 8 | 2 | 3 | 8 | 1 | 1 | 7 | 2 | 1 | 1 | 1 | 5 | 10 | 1 | 10 | 9 | 4 | 1 | 6 | 10 |
| 3 | 1 | 4 | 3 | 3 | 1 | 1 | 1 | 2 | 1 | 1 | 9 | 1 | 1 | 1 | 1 | 1 | 2 | 5 | 6 | 5 |
| 4 | 1 | 7 | 3 | 3 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 9 | 1 | 1 | 1 | 1 | 2 | 1 | 9 | 1 |
| 5 | 6 | 3 | 3 | 5 | 1 | 8 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 5 | 1 |
| 6 | 8 | 8 | 7 | 10 | 1 | 8 | 8 | 10 | 8 | 9 | 9 | 9 | 3 | 7 | 10 | 9 | 4 | 5 | 5 | 5 |

Results

| Feature Option | Average Score | Rank |
|----------------------------|---------------|------|
| 1 None | 4.9 | 2 |
| 2 Necklace | 4.6 | 3 |
| 3 Side of Bridge | 2.5 | 4 |
| 4 Soffit Lighting | 2.4 | 5 |
| 5 Pier Lighting | 2.3 | 6 |
| 6 Sidewalk Accent Lighting | 7.2 | 1 |



Voting Preference Form

Aesthetic Lighting Comments

Option 1 - None

- This makes the most sense due to area lighting from other sources
- I don't think enough people will get to view the bridge, only from Union Ave. and trail users (none of which will be there at night)
- CDOT bridge inspection forces would not be available or assigned to maintain lighting (i.e. must be maintained by others)
- The overhead lighting could be used aesthetically

Option 2 – Necklace (String of Pearls)

- With Option 6
- Accessible from up top
- Using additional pedestrian lights as the “necklace”
- Accent lighting may accomplish this
- Excellent – if the lighting effect is not neutralized by RR lights
- Only if its not washed out or accomplished with pedestrian lights
- This would be a nice effect if it could be incorporated with the overhead lighting

Option 3 – Side of Bridge

- Difficult to maintain
- Option 3, 4 and 5. Who sees this? How many people actually benefit from the lights?

Option 4 – Soffit Lighting

- This would probably be most effective over the river. It may be washed out over the RR yard
- Not enough piers
- With the railroad lighting being overhead, there will still be shadows under structure allowing accent lighting
- Too high maintenance

Option 5 – Pier Lighting

- At river trail only
- On trail side pier only
- Too much light!
- Pier space is uneven – would look funny
- Too high maintenance

Option 6 – Sidewalk Accent Lighting

- With Option 2
- On roadway lighting poles
- Lights for walkway at close spacing for lighting both
- Could be more inviting for pedestrians at night. Should at least explore some ideas.
- Have lights shine both inward and out if possible
- Try to incorporate into string of pearls concept
- No low fixtures – can accomplish with pedestrian lights
- Is this a high volume pedestrian movement at night? If yes, might be nice feature; if not – who sees it?
- Linear or string lighting
- Maintenance is the biggest concern.
- This could be accomplished with the overhead lighting

FEATURE PRIORITIZATION

Voter Score Tabulation

Number of Voters: 20

| Voter/ Feature Option | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|--------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 7 | 9 | 1 | 3 | 10 | 10 | 7 | 6 | 10 | 8 | 10 | 8 | 7 | 10 | 10 | 10 | 10 | 9 | 8 | 7 |
| 2 | 10 | 10 | 10 | 10 | 7 | 5 | 10 | 10 | 7 | 10 | 5 | 10 | 10 | 8 | 1 | 8 | 8 | 8 | 9 | 8 |
| 3 | 6 | 8 | 5 | 5 | 5 | 9 | 8 | 6 | 4 | 4 | 3 | 7 | 9 | 7 | 3 | 4 | 8 | 1 | 1 | 5 |
| 4 | 9 | 9 | 5 | 5 | 4 | 8 | 6 | 8 | 8 | 7 | 9 | 9 | 8 | 10 | 8 | 9 | 1 | 1 | 7 | 9 |
| 5 | 7 | 5 | 5 | 4 | 9 | 2 | 6 | 5 | 5 | 5 | 9 | 6 | 6 | 7 | 9 | 5 | 10 | 7 | 1 | 3 |
| 6 | 8 | 3 | 10 | 10 | 8 | 4 | 5 | 9 | 9 | 6 | 9 | 5 | 5 | 7 | 7 | 6 | 8 | 10 | 10 | 8 |
| 7 | 9 | 1 | 8 | 9 | 6 | 1 | 3 | 2 | 6 | 2 | 2 | 4 | 4 | 8 | 2 | 7 | 7 | 1 | 1 | 6 |

Results

| Feature Option | Average Score | Rank |
|----------------------|---------------|------|
| 1 Pedestrian Railing | 8.0 | 2 |
| 2 Vertical Monuments | 8.2 | 1 |
| 3 Plazas | 5.4 | 6 |
| 4 Overlooks | 7.0 | 4 |
| 5 Sidewalk Treatment | 5.8 | 5 |
| 6 Color | 7.4 | 3 |
| 7 Aesthetic Lighting | 4.5 | 7 |

Feature Prioritization Voting Results

| | Score | Rank |
|------------------------------|-------|------|
| Feature 1 Pedestrian Railing | 8.0 | 2 |
| Feature 2 Vertical Monuments | 8.2 | 1 |
| Feature 3 Plazas | 5.4 | 6 |
| Feature 4 Overlooks | 7.0 | 4 |
| Feature 5 Sidewalk Treatment | 5.8 | 5 |
| Feature 6 Color | 7.4 | 3 |
| Feature 7 Aesthetic Lighting | 4.5 | 7 |

Feature Prioritization Comments

Option 1 – Pedestrian Railing

- Assuming that this would default to open, vertical steel railing
- Has most visual impact yet is a required element

Option 2 – Vertical Monuments

- I think that features that are seen from a distance are the most important – more people will see the bridge than walk over it

Option 3 - Plazas

- Has great visual impact at least cost

Option 4 - Overlooks

- Has second most impact at low cost

Option 5 – Sidewalk Treatment

Option 6 - Color

Option 7 – Aesthetic Lighting