

May 9, 2023 - Design Review Meeting #13



Meeting Summary

Project: Arlington Avenue Bridges	Date: May 9, 2023, 1:15 PM
Topic: Design Review Committee – Meeting #13 • Utilities Updates • Environmental Updates • 90% Design • 60% Review Comments • Schedule	Location: Virtual - Microsoft Teams Conference Call

Participants

Judy Tortelli – RTC Project Manager	Michael Dulude - RTC
Khalil Wilson - City of Reno Engineering Manager	Barb Santner – Stantec
Andrew Stanford - City of Reno, Operation & Maintenance	Jeffrey Grob – Stantec
Dale Keller - RTC Director of Engineering	Kaci Stansbury – Jacobs Project Manager
Matt Brezina – City of Reno Parks and Rec	Kayann Jongsma, Jacobs, Drainage
David Hutchinson - City of Reno Traffic	Manville Strand – Jacobs Roadway Design
Andrea Gutierrez - FHWA	Emilee Edginton – Jacobs
Phil Kanegsberg - NDOT	Thomas Speer - TMWA
Steve Lewis – AT&T	Candy Vermeulen – Jacobs
Armando Grajeda – Spectrum/Charter	Peter Montejo – Jacobs
Clifford Cooper – AT&T	Julie Trumpoldt – Jacobs, Roadway Design
Jason Mortensen - Charter	
Kelly Webster – NV Energy, Gas	

DRC Members not in attendance:

Kerrie Koski - City of Reno, City Engineer	Eric Scheetz - Washoe County
Trina Magoon - City of Reno	Chad Matty – FHWA, Bridge Engineer
Chief Dave Cochran - Reno Fire	Peter Fleischmann- FHWA
Kurt Dietrich – City of Reno	Kayla Dowty - Tri Sage Consulting / CTWCD
Joe Coudriet – City of Reno Hydraulics	Doug Maloy - RTC Engineering Manager
Tim Hendricks – City of Reno, Manager Street Maintenance	Dan Doenges – RTC Director of Planning
Kelly Petersdorf – City of Reno	Sara Going - RTC
Theresa Jones – City of Reno	Bryan Dagerman – PK Electrical
Travis Truhill - City of Reno, Maintenance	Tara Smaltz – City of Reno
Bryan Heller – City of Reno	Megan Burner – CoR, Arts Culture & Events
Andrew Stanford – City of Reno, Operation & Maintenance	Rex Dalen - Charter

Jessen Mortensen – NDOT Bridge	Manuel Valencia - Zayo
Eric Yount– NDOT Hydraulics	Phil Braum - Zayo
Chris Young – NDOT, Environmental	Steve Volk - TMWA
John L'Etoile – NDOT, Landscape & Aesthetics	Becca Epstein – TMWA
Calvin Black – Jacobs, Hydraulics	Benjamin Eide-Hughes - NV Energy, Electric
Laura Meyer – Jacobs, Environmental	Brandon Jacome - Verizon
Marlo Shelton - Lumen	Nicole Felley - Verizon
Brad Enea - Lumen	

Attachments:

- Arlington Avenue Bridges Aesthetic Stakeholder Working Group #13 PowerPoint Slides

Discussion Items

1. Introduction
 - a. Judy Tortelli welcomed the group and started the 13th design review meeting.
2. Utilities Updates
 - a. Kaci Stansbury informed the group that RTC sent letters to the Utilities companies last week. She said that there have been meetings scheduled with Charter, NVE and AT&T next week to discuss the utilities within the bridges and existing structures.
3. Environmental Update and Commitments
 - a. Kaci discussed the Environmental update.
 - i. Section 106: Jacobs is consulting with FHWA and NDOT for the boring SB-22-05 which is the one north of the North bridge.
 - ii. Section 4(f): the project received City of Reno concurrence; FHWA has requested assurance whitewater park user comments addressed adequately – responses to comments to be included in PIM#3 presentation.
 - iii. Section 7: received USFWS concurrence on April 17.
 - iv. Section 408 permits (two permits: Geotechnical and Project Construction):
 - Geotechnical - Kaci said the Army Corp of Engineers (USACE) is reviewing the 408 permit application for Geotechnical. Section 404 submitted to USACE on April 18; Section 401 submitted to NDEP on April 21. We are expecting authorization by July 2023.
 - Project - The team submitted the 408 applications to Carson-Truckee Water Conservancy District on April 26th. The team is working on the 401 permit and 404 permit applications which will be submitted later.
4. 90% Design - Pedestrian Crossing
 - a. Kaci presented and described the issues with the pedestrian crossing at Island Ave and Arlington Ave. She shared a concept that was shared with the City of Reno during a May 5 meeting to have an at grade sidewalk across the bridge. Dale Keller asked if this was acceptable to the City. Jeffrey Grob expressed concerns about the lack of sidewalks and gave an alternate suggestion.
 - b. Dale Keller asked if the issue was to accommodate the ADA. Judy Tortelli explained that the layout of the ramps is to direct pedestrian across the bridge, but the current alignment is pushing pedestrians into the street. She continued that was her concerns and the reason for the redesign is to move the pedestrians safely across the bridge.
 - c. Kaci stated there would be sidewalks along Arlington and along the south bridge as much as possible before being ramped down to the pedestrian ramp configuration at the south end of the bridge. Jacobs will continue to refine this design for review. Judy confirmed that RTC and Jacobs met with the City on Friday, May 5, 2023 to discuss the pedestrian circulation and that there are ongoing discussions with the City.
5. 90% Design - Storm Drainage
 - a. Kaci reported that they discussed with the City the storm drainage at 1st street and Arlington. She stated that there is a lot going on with the drainage at this intersection - 12'x3' Peavine RCB with a section of 50"x31" CMAP as it crosses over the Vine Street RCB; 12'x5' vine street RCB, and an abandoned Sullivan RCB. She said that the plan for the Peavine RCB/CMAP is to construct a transition structure then install a 30" RCP to outlet through the north bridge north abutment. Andrew Stanford asked if the diameters of outlets at the box culverts on the North side would change. Kaci said that Vine Street RCB would stay the same and the Peavine outlet would change to a 30" RCP.
 - b. Kaci stated that at the South bridge there is a 10" storm drain and 42" pipe going through the flood walls at either side of the south abutment. The 10" RCP will remain in place with the existing flapper. The 42" RCP will be reconstructed to be centered in the section of floodwall to be removed and reconstructed to the east of the south bridge, a flap gate will NOT be added because of the water sampling equipment located at the outlet of this pipe.
 - c. Kaci indicated that they discussed with the City the drainage issues along the pedestrian path under the North bridge. She reported there was about a foot of standing water on May 2, 2023. She said that it seems the trench drain is not working properly. She said that the new path is lower to meet the vertical clearance and the design is to slope the path towards the river and will add an inlet

with a pipe directly towards the river with a flapper gate. She reported that the City agreed that was the best for maintenance.

6. Aesthetics Update

- a. Kaci presented and discussed the center pier designs. She said they are working with the City to put out a call for artists to determine the patterning for the abutment walls.

7. 60% Comments

- a. Kaci discussed a high-level overview of the comments:
 - i. Dewatering – Kaci said that it will be the Contractor’s means and methods to decide which bridge to start the construction, but it is presumed the North bridge will be build first. She said that the intent is that they will put in river diversion to direct the water under the south channel for the North Bridge (and vice versa). There were concerns about how to get people out of the river if they do not want to go through the Whitewater Park. She said the plan is to allow people to exit the river at the western tip of the island, then allow access to the pedestrian bridge walkway to the north.
 - ii. Wingfield Park – Kaci stated that the City will allow the Contractor to close the park during construction, and allow the contractor to use for their needs, but there will be stipulations to replace anything damaged and they will not be allowed to cut any trees.
 - iii. Removal sheets – Kaci said that there is a comment that questioned if the contractor could remove the entire area at the onset of the project. She asked the group for clarification on this comment, but the person from the City was not in attendance.
 - iv. Diagonal Patterning of the Scoring – She said that there was a comment regarding the Reno Access Advisory Committee and the patterning. She responded that the scoring is ADA compatible. Judy Tortelli asked if the Reno Access Advisory Committee had been informed. Kaci said they would ask the City for clarification on this comment.
 - v. Camera - Kaci said there were comments regarding cameras. She said that is a question for the City, since they would need to fund and maintain the cameras. David Hutchinson confirmed that the questions is regarding surveillance cameras. Judy Tortelli asked if they would be on the traffic signal poles. David Hutchinson stated that he believed the request came from Lieutenant Browett and they would not be installed on the traffic signal infrastructure, he will follow-up.
 - vi. Bollards at First Street and Arlington Avenue - Kaci said there was a comment to add removable bollards so that the street can be blocked off. Khalil Wilson reported that was a universal comment from the City’s special event and police. He said that they want removable bollards to be placed at all four legs of the intersection to be used as needed during special events.

8. Design Exceptions

- a. Kaci said they discussed with the City the design exceptions based on their design manual during the May 5, 2023 meeting and the City accepted them. The design exception memo will be refined as necessary with the 90% design and submitted for City of Reno signature.

9. Sidewalks

- a. Kaci said that the City does not want any obstructions within the sidewalks. The current detail places the light poles 2.5' behind the back of curb. The City of Reno and RTC requested the light poles be moved to the back of sidewalk so they are not obstructions within our extra-wide 8' sidewalk meant to allow easier pedestrian circulation. Khalil made the comment this location would especially be difficult for the visually impaired. PK Electrical will redo the lighting analysis to see if placing them at the back of sidewalk will require any additional lights.

10. Schedule Update

- a. Kaci said that Jacobs is working on exhibit materials for the ‘Public Information Meeting #3’. She indicated that they will be doing five different presentations, one of which will include the responses to the Whitewater Park comments. The intent is so that the public can watch the presentation(s) that are of specific interest to them. She reported the presentation will be live on the website at the end of May and will be available until June 30, 2023. She said that they are not requesting any specific feedback from the public but welcome comments.
- b. Kaci reported the 90% Design will be submitted in October 2023.

Meeting started at 1:15 PM

Meeting Adjourned at 1:50 PM