

# August 9, 2022 – Design Review Committee Meeting #5



## Meeting Summary

<b>Project:</b> Arlington Avenue Bridges	<b>Date:</b> August 9, 2022 1 PM
<b>Topics:</b> Utilities Update/Coordination Rectangular Rapid-Flashing Beacons (RRFB) 30% Submittal Comments	<b>Location:</b> Virtual - Microsoft Teams Meeting

## Participants

Joe Coudriet - City of Reno	Judy Tortelli - RTC Project Manager
Theresa Jones - City of Reno	Doug Maloy - RTC Washoe
David Hutchinson - City of Reno	Sara Going - RTC Washoe
Trina Magoon - City of Reno	Michael Dulude- RTC Washoe
Matt Brezina - City of Reno Parks and Rec	Dan Doenges - RTC Washoe
Alex Wolfson - City of Reno	Barb Santner - Stantec
Raymond Enerio - NDOT Hydraulic Engineer	Kaci Stansbury - Jacobs
Philip Kanegsberg - NDOT LPA Coordinator	Robbie Coomes - Jacobs
Thomas Speer - TMWA	Kayann Jongsma - Jacobs
Ben Eide-Hughes - NV Energy	Manville Strand - Jacobs
Bryson Gordan - AT&T	Emilee Edginton - Jacobs
Andrea Gutierrez - FHWA Dist. 2 & 3 Trans. Eng	Wynn Hessler - Jacobs
Jason Mortensen - Charter Communications , Inc.	Kayla Dowty - CTWCD
Eric Yount – NDOT Hydraulics	Bryan Heller – City of Reno, Maintenance and Operation

## DRC Members not in attendance:

Kerrie Koski - City of Reno, City Engineer	Khalil Wilson - City of Reno, Engineering Manager
Roger Trott – NDOT, Environmental	Travis Truhill - City of Reno, Maintenance
Chris Young – NDOT, Environmental	Chad Matty – FHWA, Bridge Engineer
Jaime Schroeder – City of Reno Parks and Rec	Calvin Black – Jacobs, Hydraulic Modeling
Andrew Stanford - City of Reno, Operation & Maintenance	John L'Etoile – NDOT, Landscape & Aesthetics
Kelly Preston - City of Reno, Operation & Maintenance	Jessen Mortensen – NDOT Bridge
Clifford Cooper – AT&T	Bart Givens - Charter
Rex Dalen - Charter	Diann Detloff - Charter
Phil Braum - Zayo	Becca Epstein – NV Energy
Steve Volk - TMWA	Jim Burke - Verizon

## Attachments:

Design Review Committee Meeting #5 PowerPoint Slides

## Discussion Items

1. Introduction
  - a. Judy Tortelli welcomed the group to the 5<sup>th</sup> design review committee meeting.
  - b. She informed the group that the second public informational meeting will be held on Thursday, August 11, at the McKinley Arts Center from 5:00 to 7:30 PM. There will also be a pre-recorded presentation available on the website at [www.arlingtonbridges.com](http://www.arlingtonbridges.com) for those that cannot attend in person. She said that there is a survey online for the public to help assist choosing the aesthetic features for the bridges, lights, railing and pylon options. She said that Jacobs has created a "Build A Bridge" tool to help visualize the aesthetic options. The survey will be available until September 16<sup>th</sup>.
  - c. She reported that Jacobs has submitted the 30% design, and comments have been received. Jacobs is now working on the 60% design.
  - d. She reminded the group that Utilities have been invited to this meeting and will be first on the agenda.
2. Utilities Update/Coordination
  - a. South Bridge
    - i. Kaci described the existing OH electric, streetlights, and utility boxes. She said that for NV Energy (NVE), the plans are to replace the three existing street lights with Continuous Pedestrian-Scale Lighting. This will need to be confirmed with light study by PK electric. Coordination to move OH to underground.
    - ii. Kaci asked about the Water Quality Monitoring Utility Box from the City of Reno. She asked if it was monitoring the river water or the water coming out of the RCP outlet. Theresa Jones said that is a stormwater monitoring site and samples the storm drain pipe from the Arlington storm drain system. Theresa

- Jones said that it was acceptable to remove the monitoring equipment during excavation and construction of the new flood wall, but coordination with the City is required under the NPDES MS4 permit.
- iii. Kaci indicated that Charter goes across the South Bridge and continues north along Arlington Ave to the Amphitheater. Jason Mortensen reported that Charter has contractors that are verifying the services and will verify whether Zayo is in the same conduit or separate. Jason Mortensen also stated that Charter's fiber and coax to the amphitheater may be abandoned, he will investigate and inform the group.
  - iv. Kaci said there are not any TMWA conduits over the South bridge, but there are some existing facilities in the intersection with Island Ave. She reported that there are some abandoned pipes and asked if it was okay to remove them during construction. Thomas Spear agreed that was good to remove those pipes. Kaci asked, and Thomas Spear confirmed that the old asbestos pipes would need special removal and require paperwork to track that they were disposed of properly.
  - v. Judy Tortelli stated that the conduits that feed the street lighting are the City of Reno, then asked if NV Energy where the meter was. Benjamin Eide-Hughes indicated the NVE meter was east on Island Avenue.
- b. Mid-Block Arlington Ave
    - i. Kaci reviewed and discussed the Mid-Block Arlington Ave area. There were not any questions or concerns.
  - c. North Bridge
    - i. Kaci discussed the utilities crossing the North Bridge including the utilities along the path at the south abutment face; also in the vicinity of the north bridge are OH Electric and Utility Vaults/Boxes.
    - ii. Kaci talked about the existing NVE gas lines and challenges of excavation for the sidewalks and roadway structural section.
    - iii. Kaci described the impacts to the existing TMWA pipes. She said that they are assuming that all the park irrigation is coming from the 2-inch lateral pipes. She said they are also assuming that one is for water and the other is an electrical conduit for the sprinkler system. Matt Brezina said that he will confirm.
    - iv. Kaci discussed the complex storm drain system within the intersection at W. 1<sup>st</sup> Street, that includes a 12' x 5' RCB, the Sullivan Kelly Ditch 4' x 3' RCB that changes to a 48" x 27" arched CMP as it crosses over the 12'x5' RCB, and the Peavine Ditch outlet 12.5' x 2.8' RCB that changes to a 50" x 31" Arched CMP as it crosses over the Sullivan Kelly arched pipe. Kaci asked if the Peavine Ditch arched pipe could be extended to outlet through the new north abutment wall rather than the large 12.5' x 2.8' RCB that is existing. Joe Coudriet and Theresa Jones agreed to coordinate this request. Theresa Jones said that the bridge inspection report has identified failing soffit on the structures through the north headwall and wondered if repairs would be within the limits of this project. Kaci said that they are assuming the existing drainage systems, (Sullivan Kelly Ditch, Peavine ditch and RCB) need to remain separate. Joe Coudriet reported that the Sullivan Kelly Ditch no longer exists and will confirm. Robbie Coomes asked for clarification on the failing structures Theresa mentioned. Theresa Jones said she believes that it is the Peavine ditch. Robbie Coomes stated that if it is directly under the bridge then it will be replaced, so no repairs are needed. Joe Coudriet asked why is it listed as a RCB as opposed to the arched pipe that's just upstream. Kaci said she believed the arched pipe section was installed to provide clearance with the 12'x5' RCB when it was installed. Trina Magoon said that the Peavine ditch was there first and then the 12'x5' RCB was installed necessitating the need to modify the Peavine Ditch outlet. She said that the outlet of Peavine ditch can possibly be modified, especially if it is failing.
    - v. Judy Tortelli summarized we need to confirm with the City of Reno if we can remove the Peavine ditch box and extend the smaller squashed pipe through the north abutment. Also, confirm with the City of Reno that Sullivan Kelly Ditch is no longer active and can be removed. Trina Magoon said that if there are changes to the Peavine ditch outfall, then we need to update the outfall permitting into the Truckee River. Kaci asked who does the permitting. Theresa Jones said that the permit is through Nevada State Lands.
    - vi. Judy Tortelli asked if AT&T had any conflicts. Bryson Gordon confirmed AT&T conduits across the bridge and a manhole at 1st St and Arlington on the NW corner. He said Steve Lewis ([SL144W@att.com](mailto:SL144W@att.com)) the AT&T manager was not invited to the meeting. Kaci said he will be invited to the next meeting. (Kaci has added to meeting invite)
    - vii. Jason Mortensen confirmed Charter did not have anything on the North bridge. He will confirm if they need continuity through the bridges.
    - viii. Judy Tortelli said that she discussed with the City of Reno the possibility of including additional conduit that they lease to communication companies for future upgrades. The design team will research the types/sizes and availability of space for additional conduits.
3. Rectangular Rapid-Flashing Beacons (RRFB)
    - a. Kaci presented and described a proposed design for relocating the Rectangular Rapid-Flashing Beacons (RRFB) at Island Avenue. She asked the City of Reno about RRFB design standards, and if the proposed design was possible. David Hutchinson said the requirements of the RRFB is to enhance the conspicuity of the W11-2 Pedestrian Crossing Sign. He will research if there is any flexibility on the requirements of placement. He said that if placing the overhead signage at the crosswalk is not possible, additional ground mounted RRFBs could be installed at the crosswalk location, with all the signs controlled by the same button(s). This would allow the overhead RRFB's to act like advanced warning signage. Robbie Coomes will review the bridge design layout to ensure room for ground mounted signage at the Island Avenue intersection.
  4. 30% Submittal Questions
    - a. RD-01/RD-02: Comment stating both maintenance and the Police Department have requested removable ballads at Arlington and 1st St Intersection. Alex Wolfson confirmed that was a request from the City of Reno to include in the final design plans.
    - b. GR-01: Comment concerning existing pedestrian pathway and how to prevent jaywalking. Kaci said a short section of pedestrian handrailing would not prevent jaywalking, and would only introduce a roadside hazard.
    - c. Flex Ride Service - Michael Dulude said that it would be benefit for events to have one major stop. He reported that they just completed the five-year study, and they are looking at the possibility of discontinuing routes 6 (Arlington Bridge) and 16. He continued that the public outreach has identified routes 6 as important so the bus stops must stay for now.
    - d. Traffic Analysis Report – queue lengths. David Hutchinson said that they are using synchro to come up with these anticipated queue lengths, but the only pedestrian inputs are saturation flow rates and do not show how long cars must wait for the pedestrians. Kaci said that Sharan Dhanaraju will investigate this comment and software to assist with that modeling. David Hutchinson suggested continuing the use of the sharrow lane (shared right turn and bike lane) instead of the dedicated bike lane and shared thru/right turn lane. David indicated if the right turn lane is eliminated, then right turning vehicles will queue in the bike lane while pedestrian movements occur across the intersection. Judy Tortelli indicated that removing the bike lane is a sensitive subject and requires more discussion. She suggested microsimulation. David Hutchinson wondered if there was a traffic analysis that recommended removing the bike lane on either side of 1st St. The team will investigate.
  5. Discussion
    - a. Judy Tortelli asked if the City of Reno would replace the lighting in the Park. Kaci said that the only existing overhead lights along Arlington Avenue are at the bus stops and where the bike lane currently ends in the northbound direction. The plan is to replace all of the overhead lights. The team is still researching the type of light that is required.

Meeting started at 1:00 AM

Meeting Adjourned at 1:55 AM

**Comments made using the Teams Chat Function:**

None