Appendix E2 SWG-1 Meeting



SUBJECT	Stakeholder Working Group (SWG) Meeting No. 1
PROJECT	Feasibility Study for Arlington Avenue Bridges Replacement
LOCATION	Regional Transportation Commission (RTC) First Floor Conference Room   1105 Terminal Way, Reno
DATE/TIME	Thursday, February 6, 2020, 1:00-3:30 p.m.
MODERATOR	RTC Project Manager Judy Tortelli

#### INVITATION

• email/calendar update from RTC Project Manager Judy Tortelli

#### PREPARATION

- SWG information and project overview presentation
- outline/prepopulate presentations of environmental criteria and constraints and engineering criteria and constraints to be modified during breakout session
- printed handouts
  - agenda
  - 11" x 17" printouts of overview map and breakout session presentations

#### ATTENDANCE

- 26 attended (4 sign-in sheets and one call-in)
  - 3 area residents
  - 8 representing the City of Reno
  - 2 representing community organizations
  - 1 representing the Reno-Sparks Indian Colony
  - 1 representing the Carson Truckee Water Conservancy
  - 2 representing Nevada Department of Transportation (NDOT)
  - 1 representing the Federal Highway Administration (FHWA)
  - 1 representing the U.S. Army Corps of Engineers (USACE)
  - 6 representing RTC (project management) and design and outreach subcontractors

#### MINUTES

Taken by court reporter Brandi Smith, Litigation Services, and provided as a pdf. (See "Minutes" pdf attachment.)





#### WELCOME - RTC Project Manager Judy Tortelli

- thanked stakeholders for participating
- introduced the project team
  - from Jacobs Engineering: Ken Greene, Project Manager, Matt Negrete, Structural Engineer and Jim Clark, Environmental Specialist (by phone)
  - from SJ Marketing: Lynn Finnigan, outreach team
- introduced Brandi Smith, court reporter from Litigation Services
- provided an overview of her own background (See court reporter minutes pdf.)
  - highlighted her "5-year-plan" goal for the Arlington Avenue Bridges project
- asked the stakeholders to introduce themselves (See court reporter minutes pdf.)

PROJECT AND PROCESS PRESENTATION - RTC Project Manager Judy Tortelli

#### PROJECT SCOPE

- complete a feasibility study to define the scope of future phases (NEPA design processes to start 2021, construction in 2026)
- goal: to reduce the range of possible bridge types and aesthetic themes to be carried forward
- Planning and Environmental Linkages (PEL) process to document decisions
  - based on purpose and need, present multiple concepts to the general public for comments (kickoff meeting December 2019)
  - SWG and Technical Advisory Committee (TAC) develop/refine alternatives based on public comments
  - alternatives narrowed down to a couple that will work, meeting the purpose and need, and be taken to NEPA for further design and analysis

#### PLANS FOR ADVISORY MEETINGS

- three SWG meetings
  - members represent major permitting agencies, groups and organizations that make up a larger component downtown, immediately adjacent property owners
  - meeting one (today) to identify environmental and engineering criteria and constraints
  - meeting two November 5, focusing on bridge concepts
  - meeting three December 15, focusing on aesthetic themes
- two Technical Advisory Committee (TAC) meetings
  - better understanding of restrictions related to permitting
  - meeting one July 15 with USACE , dealing with permitting and regulatory requirements
  - meeting two August 31, detailing bridge and roadway elements
- working together, with some amount of compromise, to reach a consensus: a mutually acceptable design that meets all relevant stakeholder interests





PROJECT AND PROCESS PRESENTATION continued - RTC Project Manager Judy Tortelli

#### OTHER MEETINGS AND PRESENTATIONS

- second presentation (first were made in 2020) to the RTC Board and the City of Reno Council, respectively
  - presenting all recommendations and information from advisory meetings
- second public meeting
  - presenting feasibility study results and collecting comments
- third presentation to the RTC Board and the City of Reno Council
  - to present public comments and get final Board and Council input in order to finalize feasibility study

#### PROJECT PURPOSE AND NEED

- current iteration
  - address structurally deficient bridges
  - provide safe and ADA-compliant multimodal improvements
  - address hydraulic capacity needs
  - respond to regional and community plans
- · to be reviewed/edited at the end of SWG-1 meeting

#### PROJECT SCHEDULE

- Kickoff Public Meeting, December 2019 | Identify and analyze Bridge Concepts, Now Public Meeting to present Feasibility Study, December 2020 | Finalize Feasibility Study, December 2020 | Environmental NEPA and design permitting, 2021-2025 | Start construction 2026
- Six-year plan (almost Ms. Tortelli's five-year plan goal)

#### PROJECT BACKGROUND

- 2009, the City of Reno completed the TRAction Visioning Project (study)
  - included Booth, Arlington, Sierra, Virginia, Center and Lake bridges
  - resulted from the 1997 and 2005 flood events
  - initial focus: finding the best solutions for improved flood protection in downtown
  - based on public outreach and stakeholder input, transitioned to balancing an acceptable flood protection level with the bridges' appearance
  - results: better alternative for flood protection was bridge replacement not rehabilitation; nonviable flood protection alternatives included upstream detention, diversion channels, dredging, river widening and debris fields

#### PROJECT BACKGROUND continued - Jacobs Project Manager Ken Greene

#### FIVE ONE-ON-ONE MEETINGS IN 2019

• PEL checklist used (also to be used in the feasibility study and included in the report)



Jacobs Engineering Group, Inc.



FIVE ONE-ON-ONE MEETINGS IN 2019 continued - Jacobs Project Manager Ken Greene

- March 6 Truckee River Flood Management Authority (TRFMA), stakeholder related to hydraulics. Will support the project through modeling to help guide the alternatives design. Discussed:
  - downtown elements of the Flood Project Programmatic Agreement (PA) that were dropped in 2011. Do we need a separate PA for the Arlington Bridges Project now?
  - 100-year water surface elevation was 4502 feet above sea level per flood model analysis
  - importance of debris removal beneath the bridges
- March 25 Discussed:
  - previous NDOT inspection reports that suggest bridges are not historic
  - whether PA is needed and could it be signed by NDOT or Federal Highways Administration (FHWA)
- USACE, stakeholder related to compliance with the Clean Water Act. Discussed:
  - relationship between sections 404 and 408
  - processes for compliance (Arlington Bridges Project will alter a civil works project)
  - Arlington Bridges Project team potential participation in USACE monthly meetings
  - requesting wetland biological resource investigations or aquatic resource determinations/verifications
  - Corps to consult with Nevada State Historic Preservation Office (NVSHPO) about cultural resources eligibility
- November 13 City of Reno Council, partner in project. Discussed:
  - scope and general schedule
  - bridge replacement project included in the 2040 Regional Transportation Plan (RTP)
  - public participation process. Council agreed with the process and the composition of the SWG with proposed team members added
- December 12 Public Meeting (kickoff)
  - project overview presentation, comments collected

FIRST PUBLIC MEETING SAMPLE COMMENTS - RTC Project Manager Judy Tortelli

#### GREAT FEEDBACK

- 24 made comments of 45 who attended
- comments to be reviewed again to initiate discussion at future SWG meetings
- sample comments in suggested categories
  - bridge type: "I particularly love the gracefulness of tiered-arch concept."
  - aesthetics: "Something more visually pleasing. Not cookie-cutter."
  - other needs or challenges: "Additional access to the river." "Better pedestrian connectivity." "Wingfield Park should be one park, not divided by a bridge."
  - other general: "Concerned about location for contractor staging and parking." "OK with the existing bridges. Who is paying for this?"



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#### PUBLIC PROCESS - RTC Project Manager Judy Tortelli

#### FOUR INTERNAL, RTC-REQUIRED STEPS

- organize and look to SWG to identify alternative-specific criteria and constraints, refine bridge design concepts and determine aesthetic themes
- seek public comment on available bridge design alternatives and aesthetic themes
- prepare and finalize the feasibility study
- set the groundwork for preparing and/or finalizing the PA (should one be necessary)

PUBLIC AGENCY ROLES, RESPONSIBILITIES AND AGREEMENTS - Jacobs Project Manager Ken Greene

FEDERAL AGENCIES (depends on whether or not there is federal funding)

• FHWA or USACE could be lead agency, supporting federal funding source review and analysis

NVSHPO and USACE

- to determine/confirm whether the bridges are historic
- · to determine/consider project effects, direct and indirect, on historic properties

#### FHWA OR NDOT

- sign the PEL checklist to document decisions
- work with NVSHPO to set groundwork for the PA if needed

#### BREAKOUT SESSION

INTRODUCTION - RTC Project Manager Judy Tortelli

- · input from all of the SWG members matters
- building upon pre-populated spreadsheets, based on where we are in the feasibility study process and comments received so far, to help focus the alternatives analysis.
- criteria and constraints, divided into two sections, will be living elements of the project going forward

ENVIRONMENTAL DESIGN CRITERIA AND CONSTRAINTS DISCUSSION - led by Jacobs Project Manager Ken Greene

- see breakout session pdf attachment, pages 1-3, with discussion notes in red. Also court reporter minutes pdf, pages 31-57
- discussion related to:
  - permitting
  - potential effects on historic structures
  - section 4(f) of the U.S. Department of Transportation (DOT) Act and section 6(f) of the Land and Water Conservation Fund Act
  - hazardous materials assessment
  - biological/natural resources





ENGINEERING DESIGN CRITERIA AND CONSTRAINTS DISCUSSION - led by Jacobs Structural Engineer Matt Negrete

- see breakout session pdf attachment, pages 4-7, with discussion notes in red. Also court reporter minutes pdf, pages 58-97
- discussion related to:
  - bridge/roadway
  - right-of-way/access
  - bike/pedestrian use
  - land use
  - traffic
  - utilities

CONCLUSION - RTC Project Manager Judy Tortelli

#### TOPICS TO BE CONSIDERED IN SWG-2 MEETING (BRIDGE TYPES)

- · including different bridge concepts
- for a two-bridge replacement concept, including the area in between and surrounding

#### NEXT STEPS

- determining TAC membership, scheduling meetings (not yet scheduled due to COVID-19)
- SWG meetings
  - email invitations to come
  - SWG-2 planned (tentatively) for April 30 (being rescheduled due to COVID-19)
  - SWG-3 planned (tentatively) for July 2
- other meetings/presentations
  - City of Reno Council and RTC Board in July
  - Public meeting in August
  - City of Reno Council and RTC Board in October
- complete Feasibility Study in December
- design and construction 2021 to 2026

#### ACTION ITEMS

- determine ordinary high water mark
- define lead agency
- confirm historic register status

#### PROJECT WEB PAGE

 frequent updates to information and materials at <u>https://www.rtcwashoe.com/engineering-project/arlington-avenue-bridges-project/</u>

#### THANKS FOR ATTENDING (and reviewing this recap)



Jacobs Engineering Group, Inc.



Arlington Avenue Bridges Replacement

### Stakeholder Working Group #1 MEETING AGENDA

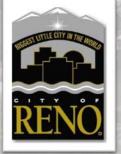


Thursday, February 6, 2020 at 1:00 pm Regional Transportation Commission 1st Floor Conference Room 1105 Terminal Way, Reno NV 89502

- ITEM 1 Introductions
- ITEM 2 Presentation
- ITEM 3 Group Discussion Environmental Criteria and Constraints
- ITEM 4 Group Discussion Engineering Criteria and Constraints
- ITEM 5 Recap and Summary
- ITEM 6 Public Comment
- ITEM 7 Adjournment

### **Feasibility Study for**







### **ARLINGTON AVENUE BRIDGES REPLACEMENT**

Stakeholder Working Group #1 | February 6, 2020

# Meeting Purpose



- Introduce the project, solicit ideas, and engage stakeholder working group (SWG) members
- SWG Meeting 1 Today
  - Identify engineering design and environmental constraints and criteria
- Technical Advisory Committee (TAC) March/April, 2020
  - TAC Meeting 1 Permitting/Regulatory
  - TAC Meeting 2 Bridge/Roadway Elements
- SWG Meeting 2 April 30, 2020
  - Focus on Bridge Concepts
- SWG Meeting 3 July 2, 2020
  - Focus on Aesthetic Themes

# Meeting Agenda

- Stakeholder Working Group
- Overview of Project Scope and Process
- Project Purpose & Need, Schedule & Background
- Role of Federal Agencies & Agreements
- Public Process Requirements
- Summary of Comments Received
- Constraints & Criteria
- Next Steps
- Public Comment
- Action Items



### Role of Stakeholder Working Group

- Assist in developing purpose and need, and design evaluation criteria
- Review and screen conceptual bridge types and aesthetic alternatives
- Provide feedback to the project team, RTC Board, Reno City Council, and the public on the potential reduction of alternatives



### 5

# Stakeholder Working Group Members

- Arlington Tower HOA
- Architects +
- City of Reno
  - Arts, Culture & Special Events
  - Public Works (capital projects, maintenance, and environmental engineering)
  - Parks, Recreation & Community Services
  - Access Advisory Committee
  - Historic Resources Commission
- Carson Truckee Water Conservancy District
- Downtown Reno Partnership
- Federal Highway Administration
- Frisch House

- Park Tower HOA
- Promenade on the River
- Reno/Sparks Indian Colony
- Pyramid Lake Paiute Tribe
- Nevada State Historic Preservation Office
- NDOT
  - Bridge Division
  - Landscape and Architect Division
- Truckee River Flood Management Authority
- St. Thomas of Aquinas
- ► U.S. Army Corps of Engineers
- Wingfield Condominiums HOA



### Consensus

### What consensus means

- Everyone's viewpoint was considered, and all stakeholders support and endorse the decisions made
- May not love it, but can accept outcome
- Challenging and takes time
- Requires discussion, shared discussion and collective perspective



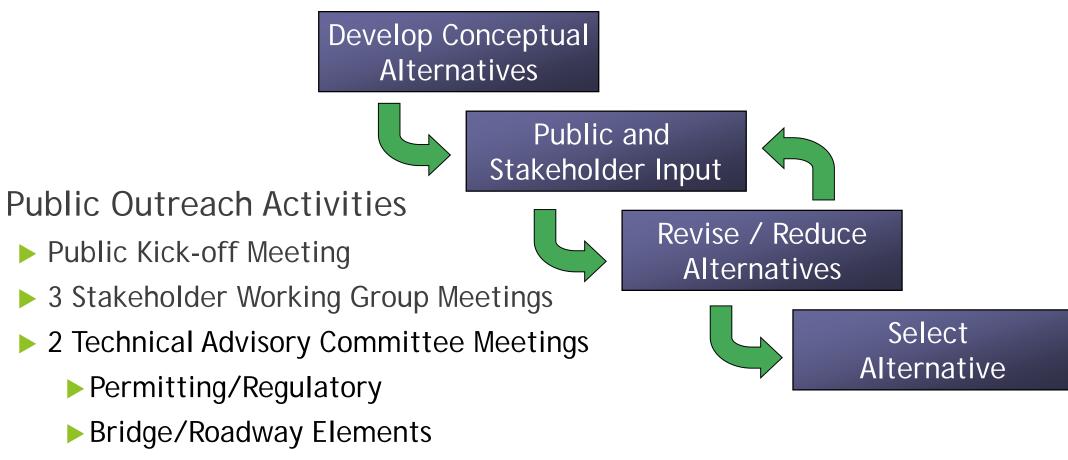
## **Project Scope**



- Complete a feasibility study to define scope of future phases
- Future Phases
  - ► National Environmental Policy Act (NEPA) and Design (2021)
  - Construction (2026)
- Goal Reduce the range of possible bridge type and aesthetic themes through engineering analysis and by conducting public outreach
- Outcome have a bridge type and aesthetic package identified to carry forward into NEPA clearance and design
  - Document decisions using Planning and Environmental Linkages (PEL) process & NDOT PEL Checklist

## **Project Process**

Modeled after Virginia Street Bridge process



ROJECT

## **Project Purpose and Need**

- Address Structurally Deficient Arlington Avenue Bridges
- Provide Safe and ADA compliant Multimodal improvements
- Address hydraulic capacity needs
- Respond to regional and community plans









BRIDGES PROJECT

### **Project Schedule**



	2019	2020	2021-2025	2026
Public Kickoff	*			
Identify and Analyze Bridge and Aesthetic Concepts	=			
Public Meeting		*		
Complete Feasibility Study				
Environmental (NEPA)				
Design/Permitting				
Construction Start				*

City of Reno "TRAction Visioning Project" (2009)

- Considered the "Look and Feel" of six downtown bridges, including Arlington Avenue bridges.
- Study included public meetings and stakeholder outreach
- Community's input shifted focus to appearance of the bridges balanced against an acceptable level of flood protection
- Outcomes included:
  - Flood protection alternatives other than replacement bridges eliminated
  - Bridge supports located under the deck are preferred



- Eliminated Alternatives - Upstream detention - Diversion channels
- Dredging
- River Widening
- Debris fields

March 6, 2019 Meeting with TRFMA

- TRFMA requested involvement as a stakeholder
- TRFMA involvement limited to hydraulics
- Arlington Avenue Bridges are not part of Flood Project
- Flood Project Programmatic Agreement elements dropped for downtown portion of project (as of 2011)
- Analysis of current Flood Model
  - ▶ 100-year WSEL 4,502 feet AMSL
  - Debris removal beneath bridge is important
  - TRFMA will conduct/provide modeling to guide alternatives design

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ROJECT

March 25, 2019 Meeting with NDOT & FHWA



- Previous NDOT bridge inspection reports suggest bridges are not historical
- Requires Section 408 permitting/compliance from USACE to alter civil works project
- Use PEL process to document decisions can be signed by NDOT and FHWA
  - Key purpose of PEL carry forward major decisions and products from this study into NEPA without backtracking
- ► FHWA and NVSHPO Programmatic Agreement will be required



April 23, 2019 Meeting with USACE

- Described relationship between Section 404 and 408 processes
- Involvement limited to Section 404 and 408 permitting & compliance (contact info provided by USACE)
- Project will require Section 408 compliance from USACE to alter civil works project
- Offered Project Team opportunity to participate in monthly USACE meetings (3<sup>rd</sup> Wednesday of each month)
- Wetland/biological resources investigations will result in request for
   1) aquatic resource verification or 2) jurisdictional determination
- USACE will consult NVSHPO regarding cultural resources eligibility determinations



November 13, 2019 Reno City Council

- Presented project scope, general schedule, and process
- ▶ Noted that bridge replacement included in 2040 RTP (2022-2026)
- Included public participation process discussion
- City of Reno confirmed 1) process and 2) stakeholder working group composition

December 12, 2019 Public Kick-Off Meeting #1

Comments are summarized on Slide #19

# Federal Agency Roles & Agreements



FHWA – Lead Agency (or USACE)

- Confirm with USACE and NVSHPO if bridges are historically significant
- Consider project effects on historic properties
- Sign PEL checklist to document decisions
- Work with NVSHPO set groundwork for Programmatic Agreement
- Support Federal funding source review and analysis
- USACE Lead Agency (or FHWA)
  - Work with FHWA and NVSHPO to consider project effects on historic properties
  - Support Section 404 and 408 permitting process
  - Support request for 1) aquatic resource verification or 2) jurisdictional determination



# Federal Agency Roles & Agreements

### NVSHPO

- Work with FHWA and USACE on historic eligibility determinations
- Work with FHWA to set groundwork for Programmatic Agreement
- Evaluate project effects on historic properties



# **Public Process Requirements**

- Utilize Stakeholder Working Group to
  - Identify alternative-specific constraints and criteria
  - Refine bridge design concepts
  - Determine aesthetic themes
- Seek public comment on available bridge design alternatives and aesthetic themes
- Prepare and finalize feasibility study report
- Set groundwork for preparing/finalizing Programmatic Agreement



# Summary of Comments Received

December 12, 2019 Public Kick-Off Meeting #1

- 45 Attendees
  - 2 made comments to the Court Reporter
  - 19 filled out comment cards
  - 3 submitted comments to RTC Project Manager
- Comment Categories
  - Bridge Type 12 comments
  - Aesthetics 13 comments
  - Additional Elements 16 comments
  - Other Needs or Challenges 12 comments
  - Other General 9 comments



### **Constraints and Criteria**

### **Environmental Design**

- ▶ Permitting
- Historic (Section 106)
- Parks (Section 4f and 6f)
- Hazardous Materials
- Biological / Natural Resources



### **Constraints and Criteria**

### Engineering Design

- Bridge / Roadway
- Right-of-Way (ROW) / Access
- Bike / Pedestrian Use
- Land Use
- ► Traffic





### **Next Steps**



- Technical Advisory Committee (TAC) Meetings March/April, 2020
- Stakeholder Working Group (SWG) Meeting 2 April 30, 2020
- Stakeholder Working Group (SWG) Meeting 3 July 2, 2020
- City of Reno Council and RTC Board Meeting July 2020
- Public Information Meeting August, 2020
- City of Reno Council and RTC Board Meeting October, 2020
- ▶ NEPA, Design, Construction 2021 to 2026
- Email questions/comments to: jtortelli@rtcwashoe.com
- Visit rtcwashoe.com and search Arlington Avenue

### **Action Items**





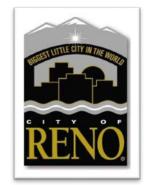
# Thank you for Attending!



Your RTC. Our Community. rtcwashoe.com







ENVIRONMENTAL DESIGN CRITERIA	ENVIRONMENTAL DESIGN CONSTRAINTS	
	PERMITTING	
<ol> <li>City of Reno Special Use Permit         <ul> <li>City of Reno to confirm if required</li> </ul> </li> <li>USACE 408 Permit             <ul></ul></li></ol>	<ol> <li>Conditions and schedule         <ul> <li>City of Reno Special Use Permit – conditions/schedule TBD (by City of Reno)</li> <li>408 – per CTWCD 18 month schedule</li> <li>per USACE, 408 needs to precede 404 permit – USACE will work with CTWCD and USACE civil works</li> </ul> </li> </ol>	-408 and 404 permitting -access to river bed for c -need to determine who -USACE will have to do -the river is a traditional Colony – need to determ documented and mitigat -per CTWCD, model sup bridge structure (e.g., no flood season (Nov thru J - determine 100-year WS
	HISTORIC (SECTION 106)	
<ol> <li>Bridges are not eligible for any registers</li> <li>Confirm purpose and need for Programmatic Agreement</li> </ol>	<ol> <li>Define Area of Potential Effects         <ul> <li>Direct and Indirect Effects</li> </ul> </li> <li>Identify and document resources</li> <li>Determine effects         <ul> <li>If adverse, produce agreement document</li> <li>Implement monitoring program</li> <li>Implement mitigation</li> <li>Proceed with Project</li> <li>Programmatic Agreement</li> </ul> </li> </ol>	Standard Section 106 programmatic Agreement -need to confirm (with Neligible for registers -confirm (with NDOT, UPA -direct and indirect (e.g., effects need to be evaluated

#### NOTES

- ing process can proceed in parallel.
- or debris removal is very important
- ho is lead federal agency (USACE or FHWA)
- do their own Sect. 106 consultation w/ tribes
- nal cultural property (TCP) for Reno Sparks Indian ermine how the TCP is evaluated and adverse effects gated
- survey/LiDAR sufficient for bathymetry beneath the no survey needed); construction prohibited during ru Jun) or flows over 14K cfs
- WSEL/cfs and confirm OHWM w/ TRFMA

process should be appropriate for Project

ment – needed if no adverse effects (direct or indirect)

h NDOT, USACE/NV SHPO) that bridges are not

Γ, USACE/NV SHPO) the need for and purpose of the

e.g., viewshed of surrounding historic properties) luated to complete section 106

HAZARDOUS MATERIALS

ENVIRONMENTAL DESIGN CRITERIA	ENVIRONMENTAL DESIGN CONSTRAINTS	
	SECTIONS 4(f) and 6(f)	
<ol> <li>Section 4(f) provides for consideration of park and recreation lands, wildlife and waterfowl refuges, and historic sites during transportation project development         <ul> <li>Applies to U.S. DOT and implemented by FHWA</li> <li>Section 6(f) Land and Water Conservation Fund (LWCF) preserves, develops, and assures accessibility to outdoor recreation resources</li> <li>Provides funds and authorizes federal assistance for planning, acquisition, and development of land, water areas and facilities</li> <li>Provides funds for federal acquisition and development of lands and other areas</li> </ul> </li> </ol>	<ol> <li>Section 4(f) includes publicly-owned recreational and historic properties         <ul> <li>Truckee River Trail detours during construction</li> <li>Pedestrian traffic detours</li> <li>Impacts to property features, attributes or characteristics</li> </ul> </li> <li>Section 6(f) includes public &amp; private properties that have received LWCF funding         <ul> <li>Impacts to properties or property elements purchased using LWCF</li> <li>Includes temporary closures during construction</li> <li>Applies to Truckee River Greenbelt, Wingfield Park and Reno Whitewater Park</li> <li>Potentially applies to Barbara Bennett Park</li> <li>If yes, mitigate by replacing property or property element</li> <li>If work enhances property feature/attribute and is part of property management plan, can be covered under Enhance Exception</li> </ul> </li> </ol>	-per City of Reno Parks parks used LWCF funds

### NOTES

ks Dept. (Jeff Mann, Parks Manager) none of the nding – mitigation per Section 6(f) not required

ENVIRONMENTAL DESIGN CRITERIA	ENVIRONMENTAL DESIGN CONSTRAINTS	
	<ul> <li>Hazardous material assessment did not reveal any sites that would pose a risk to the Project</li> <li>Bridge structure could have asbestos or lead, requiring surveys and abatement (as needed)</li> <li>1. Inspections for ACM and LBP will be required for structures, utilities, and guards prior to demolition – could require special handling, abatement and disposal</li> </ul>	Adjacent buildings and presence of asbestos-co -petroleum contaminate with Virginia St. bridge (NDEP could be consul water course.
	<b>BIOLOGICAL / NATURAL RESOURCES</b>	
1. Natural Resources         2. Waters of the U.S. (WOUS / Wetlands)	<ol> <li>Natural Resources - Protected special status (state or Federal) species         <ul> <li>a. 11 species with some potential to occur within/adjacent to Project</li> <li>b. Biological surveys and monitoring during construction</li> <li>c. Minimize adverse effects to birds, bats and fisheries</li> </ul> </li> <li>WOUS / Wetlands - Perennial waterway (Truckee River)         <ul> <li>a. Highly modified (fully cemented / riprap/cement fill banks)</li> <li>b. Implement mitigation (as-needed) for adverse effects</li> </ul> </li> <li>Wetlands/Riparian         <ul> <li>a. Wetlands/riparian delineation</li> <li>b. Streambank modification/alteration</li> </ul> </li> </ol>	<ul> <li>-the 11 species based or within AAB project ext</li> <li>-environmental memos report</li> <li>-need concurrence from through Jurisdictional E</li> </ul>

#### NOTES

nd structures were not inspected for the possible containing materials (ACM) or lead-based paint (LBP)

ated soil (PCS) detected and managed in connection lge – need to evaluate potential for PCS at AAB sulted) and/or may have been remedied with white

on a 2 mile radius search – likely less than 11 species extents

os are being prepared and will be appended to FS

om USACE on ordinary high water mark (OHWM) l Determination (JD) - takes 8-10 months

ENGINEERING DESIGN CRITERIA	ENGINEERING DESIGN CONSTRAINTS
	BRIDGE / ROADWAY
<ol> <li>Access vehicular (including rescue vehicles), pedestrian, &amp; bicycles, as well as access to existing park)</li> </ol>	1. Cost
2. Design hydraulic event and associated freeboard	2. Constructability (including construction access)
3. Flood conveyance	3. Foundation Type (including permitting implications of foundation type)
4. Scour	<ol> <li>Bridge Type (including material type i.e. steel vs. concrete, style and aesthetic treatments)</li> </ol>
5. Alignment	a. Accommodate numerous special events
<ol> <li>Design Speed (vertical curves, sight distance, etc.) currently signed for 15 mph</li> </ol>	b. Provide access to Wingfield Park and Truckee River
7. Meet NDOT and ASHTO design standards	<ul> <li>Accommodate numerous pedestrians on, surrounding and beneath bridge structure</li> </ul>
8. Evaluate existing drainage structures and out-falls	5. Surrounding property impacts?
9. Evaluate superstructure for lighting and impacts to view shed	a. Floodwalls, right-of-way, drainage, infrastructure, park improvements, etc.
10. Evaluate superstructure for potential aesthetic and architectural treatments	b. Roadway profile
	<ul> <li>6. Maintenance of Traffic (Staged construction vs. Full closure vs. New Alignment) primarily during construction <ul> <li>a. events</li> <li>b. Island Avenue access</li> </ul> </li> </ul>
	7. Bridge superstructure access for ease of future biennial inspections.
	8. Channel access for maintenance and debris removal during flood events (and before)
	9. Superstructure height impacting view shed
	RIGHT-OF-WAY / ACCESS

### NOTES

### Arlington Avenue Bridges Project Feasibility Study Stakeholder Working Group Meeting 1 Notes

ENGINEERING DESIGN CRITERIA	ENGINEERING DESIGN CONSTRAINTS	
<ol> <li>ROW impacts to adjacent properties</li> <li>Public access to adjacent properties</li> <li>Future maintenance access for river, while maintaining existing white water features (downstream)</li> <li>Maintain/improve whitewater rescue access</li> <li>Maintain access to river during winter for debris removal</li> </ol>	<ol> <li>Permanent ROW acquisitions from adjoining properties         <ol> <li>Wingfield Park or other properties</li> <li>Temporary construction easements on adjoining properties</li> <li>Duration and intensity of adjacent property access during construction</li> <li>Property access changes post-construction</li> </ol> </li> <li>Construction staging and access</li> </ol>	-access to river channel -whitewater rescue from -incl. ROW/access cons -incl. input from CoR F
	BIKE / PEDESTRIAN USE	
<ol> <li>ADA and/or Public Right-of-Way Access Guidelines (PROWAG) requirements</li> </ol>	Compliance with RTC Bicycle and Pedestrian Master Plan Pedestrian and bicycle safety	-incl. lighting design cr pedestrian/bicycle safet
	LAND USE	
Compatible with local and regional plans	<ol> <li>Reimagine Reno (City of Reno 2017)</li> <li>Washoe County Master Plan, Land Use and Transportation (Washoe County Department of Community Development 2011)</li> <li>Bicycle and Pedestrian Master Plan (Regional Transportation Commission 2017)</li> <li>Complete Streets Master Plan (Regional Transportation Commission 2016)</li> <li>2012 Truckee Meadows Regional Plan (Truckee Meadows Regional Planning Agency 2017)</li> </ol>	Project is not expected downtown mixed-use p existing land uses are ex- Project will continue to along the river, with roa economic investment, r safety of recreational us -Research One Truckee

#### NOTES

nel required during and post construction

rom Whitewater Park – access cannot disturb park

onsiderations for stormwater outfalls

R Fire Dept. on park and river rescue

criteria separately for 1) events and 2) fety

ed to change existing or future land use in the area, with e properties dominating the surrounding area and e expected to remain generally unchanged in the future

to support and provide access to the recreational areas roadway and pedestrian improvements supporting c, redevelopment and improving accessibility and users and the public

kee River Management Plan for use/reference

### Arlington Avenue Bridges Project Feasibility Study Stakeholder Working Group Meeting 1 Notes

ENGINEERING DESIGN CRITERIA	ENGINEERING DESIGN CONSTRAINTS	
	6. City of Reno Sustainability Plan	
	7. Downtown Action Plan (City of Reno 2017)	
	8. Downtown Streetscape Master Plan (First Street intersection), view shed	
	TRAFFIC	
	1. Year 2015 Field Daily Traffic Volume (from NDOT) along/near Arlington	-consider non-standard
	Avenue Bridge = 8,800 vehicles per day (vpd)	-consider RTP update e
	<ol><li>Year 2040 volumes developed using the RTC Washoe's travel demand model and according to NDOT's Traffic Forecasting Guidelines</li></ol>	-consider future RTC b
	<ol> <li>Year 2040 Forecast Daily Traffic Volume along/near the Arlington Avenue Bridge = 10,900 vpd</li> </ol>	
	<ol> <li>Used Transportation Research Board's (TRB) Highway Capacity Manual (HCM) 6th Edition to determine a planning-level automobile Level of Service (LOS) for the roadway segment on the bridge</li> </ol>	
	<ol> <li>Planning-level automobile LOS likely to be experienced on the bridge by year 2040 is LOS E</li> </ol>	
	a. Constrained by Arlington Avenue north and south of the Truckee River	
	UTILITIES	
Existing utilities (electricity, natural gas, water)	Include constraints for future utilities (fiber-optic for 5G networks)	-confirm existing (and f
Existing utilities (stormwater)	Evaluate and consider prior rights	Sprint, etc. and City of
Future utilities (fiber-optic / 5G network)		

#### NOTES

rd vehicle traffic weight/load

e elements, updated traffic model (2050 plan)

bus types

d future) utility network with NV Energy, Verizon, of Reno

## Arlington Avenue Bridges Project Feasibility Study Stakeholder Working Group Meeting 1 Notes

ENGINEERING DESIGN CRITERIA	ENGINEERING DESIGN CONSTRAINTS	
Acronym definitions:		-confirm existing (and Sprint, etc. and City of
NVSHPO – Nevada State Historic Preservation office		Sprint, etc. and enty of
FHWA – Federal Highways Administration		
USACE – US Army Corp of Engineers		
NDOT – Nevada Department of Transportation		
CTWCD - Carson-Truckee Water Conservancy District		
ASHTO – the American Association of State Highway Transportation Officials		

#### NOTES

nd future) utility network with NV Energy, Verizon, of Reno

## STAKEHOLDER WORKING GROUP MEETING | SIGN-IN SHEET







February 6, 2020 | 1:00 PM - 4:00 PM | Washoe RTC Engineering Offices, First Floor Conference Room

NAME	ORGANIZATION	POSITION	ADDRESS	TELEPHONE	EMAIL	INITIAL
Jack Mayes	City of Reno – Access Advisory Committee	Executive Director	1875 Plumas Street, Ste 1 Reno, NV 89509	775.333.7878	jack@ndalc.org	gn
Alexis Hill	City of Reno – Arts, Culture & Special Events Dept.	Events Manager	925 Riverside Drive Reno, NV 89503	775.326.6697	hilla@reno.gov	ARA
Kerri Lanza	City of Reno – Environmental Engineering Dept.	Engineering Manager	1 East First Street, 7 <sup>th</sup> Floor Reno, NV 89505	775.334.2683	lanzak@reno.gov	R-F
Claudia Hanson	City of Reno – Historic Resource Commission	Planning & Housing Manager	1 East First Street Reno, NV 89505	775.334.2381	hansonC@reno.gov	B
Jaime Schroeder	City of Reno – Parks, Recreation & Community Service Dept.	Parks Director	1 East First Street Reno, NV 89505	775.334.2865	<u>schroederj@reno.gov</u>	
Kerrie Koski	City of Reno – Public Works Capital Project Dept.	City Engineer	1 East First Street, 8 <sup>th</sup> Floor Reno, NV 89505	775.334.3304	koskij@reno.gov	KW
Travis Truhill	City of Reno – Public Works Maintenance Dept.	Streets Program Manager	1640 East Commercial Row Reno, NV 89512	775.657.4571	truhillt@reno.gov	ac
Guy Zewadsk	Arlington Towers HOA	President, Board of Directors	100 North Arlington Ave., #9-B Reno NV 89501			
Todd Westergard	Carson Truckee Water Conservancy District	Board Chair	1005 Terminal Way, Ste. 150 Reno NV 89502			
Alex Stettinski	Downtown Reno Partnership	Executive Director	40 East Fourth Street, #A Reno, NV 89501	775.432.0772	astettinski@downto wnreno.org	B

Initial your information to signify attendance and that information provided is correct | Add information if missing, or incorrect or if your name/contact information is not included on the list

# STAKEHOLDER WORKING GROUP MEETING | SIGN-IN SHEET





### JACOBS

February 6, 2020 | 1:00 PM - 4:00 PM | Washoe RTC Engineering Offices, First Floor Conference Room

NAME	ORGANIZATION	POSITION	ADDRESS	TELEPHONE	EMAIL	INITIAL
Del Abdalla Dile Wegner	Federal Highway Administration	Environmental Manager Ender	705 North Plaza Street, Ste 220 Carson City, NV 89701	77668753	duk, diwegaer	edito
Theresa Frisch	Frisch House – 247 Court Street Reno 89501	Trustee	1180 Charles Drive Reno, NV 89509	-saift	- Correct of	s.21
Jessen Mortensen	Nevada Department of Transportation	Bridge Division	1263 South Stewart Street Carson City, NV 89712	775.888.7543	<u>imortensen@dot.nv.</u> gov	TM
John L'Etoile	Nevada Department of Transportation	Landscape Division	1263 South Stewart Street Carson City, NV 89712	775.888.7337	jletoile@dot.nv.gov	X
Mike Fuess	Park Towers HOA	President, Board of Directors	280 Island Avenue Reno, NV 89501		mfuess@parktowerh oa.com	
Laurie Leonard	Promenade on the River Senior Resort Living	Sales and Executiv Marketing Director Director	525 Court Street Reno, NV 89501	775.786.8853	laurie@promenadere no.com	Cleel
Anthony Sampson	Pyramid Lake Paiute Tribe	Tribal Council Chairman	PO Box 256 Nixon, NV 89424			
Mi Choy R. Go Scott Nebesky	en Reno-Sparks Indian Colony	Planning Director	1937 Prosperity Street Reno, NV 89502	775.785.1363	meloen@rsv.org snebesky@rsic.org	mps
Father Chuck Durante	St Thomas Aquinas	Father (Rector)	310 West 2 <sup>nd</sup> Street Reno, NV 89503	775.329.2571 Ext 106	Fr.Chuck@stacathedr al.com	BA
Rebecca Palmer	State Historic Preservation Office	State Historic Preservation	901 South Stewart Street, Ste 5004			

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# STAKEHOLDER WORKING GROUP MEETING | SIGN-IN SHEET







February 6, 2020 | 1:00 PM - 4:00 PM | Washoe RTC Engineering Offices, First Floor Conference Room

NAME	ORGANIZATION	POSITION	ADDRESS	TELEPHONE	EMAIL	INITIAL
		Officer	Carson City, NV 89701			
Eric Scheetz	Truckee River Flood Management Project	Engineering	9635 Gateway Drive, Ste A Reno, NV 89521-8900	775.850.7460	EScheetz@washoeco unty.us	
Jennifer Thomason	U.S. Army Corp of Engineers	PM	300 Booth Street, Ste 3050 Reno, NV 89509	775-784-5304	<u>Jennifer.C.Thomason</u> @usace.army.mil	for
Gerald Dorn	Wingfield Park Condominiums	HOA President	502 Island Avenue Reno, NV 89501			
Greg Erny	Architects +		35 Martin Street Reno, NV 89509	775.329.8001	gerny@architectsplu sreno.com	
ToneHar	she		890 Morsh Ave	775-846-19 9	10 Lone has hort	astere
RON PEW 170	WATER LONSERVANOS			725-722-474	Zonéhashort pouroserse gmail.com	RP
Jef Van		Pares		374 2270	mannjereno.	or
DacMaro	ZTC	ENGNEER		335-1865	hander or beinger	2
Merhael Mo	reno RTC	Rober Atters	Mer	335-1869	mmorenser	temashe

Initial your information to signify attendance and that information provided is correct | Add information if missing, or incorrect or if your name/contact information is not included on the list

4290 moodorogate Tol 70-826-0108 honorsgead.com 2 onor Jones jonestereno.gov City of Reno 775-334-3311 Sheresa Jones 775-830-6262 853-0477 SJ Marketing Lyn Finnigen

Judy Tatelli

Jacobs Ker Green

Mars Negrue



RTC

Jawbs

775.360,7202 Ker. Greene Accolos.con alle 286 ourt Morti Negrere a Jacobs.con

## In the Matter Of:

Arlington Avenue Bridges Project Public Meeting

## **PUBLIC MEETING**

*February 06, 2020 Job Number: 600694* 

2 3 4 REGIONAL TRANSPORTATION COMMISSION 5 RTC PLANNING DEPARTMENT 6 -000- 7 8 9 Arlington Avenue Bridges Project 10 Stakeholder Working Group #1 Meeting 11 Thursday, February 6, 2020 12 Reno, Nevada 13 14 15 16 17 18 19 20 21 22 23	1	
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11       Thursday, February 6, 2020         12       Reno, Nevada         13	9	Arlington Avenue Bridges Project
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14         15         16         17         18         19         20         21         22         23	12	Reno, Nevada
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25 Job No: 600694	25	Job No: 600694

Page 2 1 -000-2 RENO, NEVADA, THURSDAY, FEBRUARY 6, 2020, 1:00 P.M. 3 -000-4 5 MS. TORTELLI: Hello. Welcome everybody. Ιf 6 I could, possibly, maybe we can get started. It's just a little after 1:00 o'clock. 7 I think a couple more people may come in, but 8 I'd like to go ahead and get started with our meeting. 9 We do have a lot of information to cover 10 11 today. I'd like to let everybody know, I am Judy 12 Tortelli, Project Manager for the RTC. 13 I really appreciate all your guys's 14 participation as Stakeholder Working Group members. Ι 15 do recognize that it is a big time commitment. 16 I'd like to make sure that everybody here takes an opportunity to sign in with our sign-in sheet. 17 We've populated some information for Stakeholder 18 Working Group members. Please review that and make 19 sure it is accurate so that you're receiving future 20 21 correspondence. 2.2 I'd like to introduce our project team that 23 is here to help facilitate this meeting. 24 First person over there, Ken Greene in the corner, and Matt. They are going to be helping with 25

Page 3 kind of our break-out session when we go through these 1 2 handouts. 3 We also have Lyn, who is going to be helping 4 with documentation, and Brandi, who is our court 5 reporter. So just some housekeeping items: 6 We do have bathrooms; go out these doors, 7 down to the left. They are right in the middle of the 8 hall there. 9 In the instance that we do have some sort of 10 an emergency, please go out these doors, exit to the 11 12 right and head to the end of the parking lot. 13 I do have some snacks over here, and we have some water bottles and coffee. 14 One more team member that we do have is 15 supposed to be Jim Clark on the phone. 16 17 Jim, are you with us? MR. CLARK: I am. 18 19 MS. TORTELLI: Okay. Thank you. 20 Jim is kind of an environmental specialist. 21 He couldn't be in attendance today, so we have him on 2.2 the phone. 23 So, again, like I said, some snacks and water and coffee over here. And we will take a break 24 25 probably about an hour in.

Page 4 1 I do just want to say as we go around the 2 room and have discussions throughout the this evening, please state your name so the court reporter knows who 3 4 is talking and can the document the meeting accordingly. 5 So I would like to go around the room and 6 have everybody kind of introduce themselves. 7 We're going to be spending the next few hours together, so 8 9 maybe just say a little bit about yourself. I'll go ahead and start. As I said, Judy 10 Tortelli, Project Manager for the RTC. I've been here 11 12 at RTC for about a year and a half. 13 Prior to that, I worked for NDOT for about four years. Prior to that, I worked in private design 14 as a consultant, mostly doing projects for the RTC. 15 16 So when Brian and Doug gave me this project when I started here at RTC, I said: This is great. I 17 get to work on a bridge replacement project. 18 But I told them, I said: Okay. If I take on 19 this project, I want to put it on the five-year plan. 20 21 So hopefully, we can get this project built 2.2 close to within five years. 23 MS. FINNIGAN: I'm Lyn Finnigan, and I am with SJ Marketing. We're the outreach team for the 24 Arlington Bridges Project. 25

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Page 5 MR. PENROSE: I'm Ron Penrose. 1 I am the 2 Superintendent with the Carson-Truckee Water Conservation District. I am a professional engineer. 3 4 Retired project manager five years ago from the Truckee Meadows Water Authority. 5 I was involved with project management of lot 6 of projects on the Truckee River. 7 MS. LANZA: Good afternoon. I'm Kerri Lanza 8 with the City of Reno Public Works. Probably my 9 involvement here is, well, we're in the environmental 10 engineering group. We were one of the representatives 11 12 for the Truckee River Flood Project. 13 I helped lead the visioning process for the Virginia Street Bridge replacement, which was 11 or 12 14 15 years ago. I kind of looked at six downtown bridges, how 16 they should all look, and what the community wanted for 17 18 a theme. 19 MS. TORTELLI: Welcome. 20 MS. LANZA: Thank you. 21 MR. WEGNER: Dale Wegner, FHWA, bridge and 2.2 construction engineer. I can help with Federal 23 funding. Del (phonetic) from our office will help on the environmental part. There has been special bridge 24 funding the last three years. 25

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Page 6 1 This year, the State of Nevada is going to 2 get another six million. 3 MS. TORTELLI: Oh, great. 4 MR. WEGNER: There is bridge money coming. MS. TORTELLI: Well, we need all. 5 6 MS. HILL: The money we can get. It's not 7 cheap to fix bridges. MS. THOMASON: I'm Jennifer Thomason, Project 8 9 Manager with the Corps of Engineers regulatory branch. I will be here to advise on our program 10 requirements and the 408 requirements that you will 11 12 need to consider for your design. 13 MS. EBEN: Hello, everybody. My name is 14 Michon Eben. I manage the Cultural Resource Program for the Reno-Sparks Indian Colony. 15 MS. HILL: I'm Alexis Hill and I run the 16 Arts, Culture and Special Events Department for the 17 City of Reno, stakeholders that use that bridge and the 18 19 park. 20 MS. LEONARD: I'm Laurie Leonard. I am the 21 Executive Director at Promenade on the River. 2.2 Our building backs up to the river and Island 23 Avenue, which requires access off of Arlington Avenue. 24 So we're a neighbor that this project would 25 effect.

1	Page 7 MR. MARTIN: Troy Martin. I'm with the
2	Nevada DOT Inspections Division.
3	MS. KOSKI: City of Reno City Engineer.
4	We're going to be representing Capital Projects.
5	MR. MAYES: I'm Jack Mayes with the Nevada
6	Disability Advocacy and Law Center. I'm here
7	representing the Reno Access Advisory Committee.
8	MR. L'ETOILE: I'm John L'Etoile. I'm with
9	NDOT Department of Transportation, and I help manage
10	the landscape and aesthetics program there.
11	MR. STETTINSKI: I'm Alex Stettinski. I am
12	the Executive Director of the Downtown Reno
13	Partnership. We are a business improvement district
14	for Downtown Reno.
15	We have three programs. To just keep it in a
16	nutshell, we have the Ambassador Program, Safe and
17	Clean Services, and we also have a Marketing and
18	Economic Development Program and that kind of falls
19	into that.
20	We are here to help the community to kind
21	of with the revitalization of downtown and make it
22	nicer, safer, friendlier, more conducive for developers
23	to come.
24	MR. TRUHILL: My name is Travis Truhill with
25	the City of Reno. I am the Maintenance and Operations

Page 8 Manager for the streets' maintenance and operation. 1 2 MR. GREENE: My name is Ken Greene. I am with Jacobs Engineering, the project manager working 3 4 with Judy on this project. MR. NEGRETE: Matt Negrete. Jacobs. 5 6 Structures. 7 MS. SANTER: Barb Santner. I am a landscape architect with Stantec, and we're working as a 8 9 subconsultant under Jacobs for landscaping aesthetics. 10 MS. THERESA JONES: My name is Theresa Jones. I am with the City of Reno in Public Works, and I am 11 12 the Bridge Maintenance Program Manager. 13 MR. MANN: My name is Jeff Mann with the City 14 of Reno. I'm the Parks Manager, so those are all my 15 parks. 16 (Laughter.) 17 MS. HARSH: I'm Tonie Harsh, former City Councilwomen for Reno, Board 1. I have attended 18 19 many -- so those are my parks too. 20 I have attended many public meetings 21 regarding parks and recreation, bridges, and 22 transportation in this area going back to prior to 23 2000. 24 So I am your old lady in the room with some 25 history.

Page 9 MR. MORENO: Good afternoon. 1 My name is 2 Michael Moreno. I am the RTC Public Affairs Manager, 3 and I receive the communications in committee 4 engagement for the RTC. I work closely with Judy; our consultant, SJ 5 6 Marketing; and all of you. We really appreciate your participating in 7 this process as it's really important. 8 9 One thing I would like to let you know, if you're -- some of you are receiving our electronic 10 11 newsletter, the RTC's Board update. 12 I'm going to add your emails to that 13 distribution list so that you can get information about RTC's projects and programs, including the bridge 14 replacement project. If you don't want to get it, you 15 can unsubscribed. 16 17 I think it's a good way for you -- obviously, you're here for a reason because you want to 18 19 participate in the transportation planning in our community, so that provides good information. 20 21 Also, if you're on social media, I encourage 22 you to follow us on Facebook, Instagram, and Twitter. 23 That provides really up-to-date information that is very useful to all of us. 24 25 Last, but not least, I'm going to take the

1	Page 10 liberty here, Judy, and I apologize.
2	I'm the Chairman of the Washoe County
3	Complete Count Committee for the 2020 census. I want
4	to encourage all of you to participate in the census,
5	and friends and family and neighbors and coworkers that
6	you work with, to also encourage them to participate in
7	the census.
8	The census is very important to Nevada; to
9	Washoe County. For every man, woman, and child that is
10	reported counted for the census, we get \$20,000 per
11	person. And that can had up to millions of dollars
12	billions of dollars for the State of Nevada.
13	So, again, that's my plug. If you see
14	information on your social media feed, push it out so
15	people know how important the census is for all of us.
16	Thank you.
17	MR. MALOY: Good afternoon. I am Doug Maloy.
18	I am RTC's Engineering Manager on the streets and
19	highways side.
20	I'm Judy's supervisor, the Doug she referred
21	to earlier. I am looking forward to things go forward.
22	MS. TORTELLI: Did you want to go ahead and
23	introduce yourself?
24	MR. SAMAN: Bryan Saman. I'm here on behalf
25	of St. Thomas Aquinas Cathedral.

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Page 11 MS. TORTELLI: Great. 1 Welcome. 2 MR. STEWART: I'm Brian Stewart. I'm the Director of Engineering with RTC. I'm excited to kick 3 4 off this project, get all the great input, and move this along under Judy's guidance here. 5 6 MS. TORTELLI: Okay. Let's get started. 7 The purpose of today's meeting is to introduce the project to all of you, solicit ideas, and 8 9 engage you in the project. 10 We have broken our Stakeholder Working Group 11 meetings into higher-level categories to provide an 12 effective and efficient use of time to obtain your 13 input. The focus of the Stakeholder Working Group 14 meeting today is to identify engineering design and 15 environmental criteria and constraints. That's it. 16 17 That's all we're looking at today. That's all we're talking about today. 18 19 Our second Stakeholder Working Group meeting, 20 which we're planning to have toward the end of April, 21 will focus on bridge concepts. 2.2 Our third Stakeholder Working Group, we'll focus on aesthetic themes. 23 24 So in addition to the Stakeholder Working 25 Group meetings, we are in the process of defining these

Page 12 Technical Advisory Committee meetings. 1 2 These committees will be digging into the details and focus more on the technical aspects of the 3 4 project. So this is what we're going to cover today, 5 and the intent is to let you know where we have been 6 and where we're going. 7 The presentation that I give is going to 8 cover kind of these six slides. Then we're going to 9 have a break-out session to discuss specific criteria 10 11 and constraints. 12 From there, we will look at the next steps. 13 Then under the public comment item, I will invite folks 14 up that are not designated members of the Stakeholder Working Group to provide their input. 15 16 We will wrap up by summarizing any action items that pop up during discussions. 17 18 I encourage any questions as I go through 19 this presentation. Just kind of stop me if you have any questions as we go through this stuff. 20 21 So what is your role as a Stakeholder Working 22 Group member? As you can see from this graphic, the 23 Stakeholder Working Group members are comprised of major permitting agencies, groups and organizations 24 25 that represent a larger component downtown, and

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	Page 13
1	immediate adjacent property owners.
2	Your role is to provide the bulk of input
3	that will guide the screening process. You will assist
4	in developing purpose and need in design evaluation
5	criteria, review and screen conceptual alteratives, and
6	provide feedback to the project team, RTC Board, the
7	City of Reno Council, and the public on the potential
8	reduction of alternatives.
9	Here's a list of our Stakeholder Working
10	Group members. The members in red were added based on
11	City of Reno Council input back in November.
12	As you can see from this list, there are
13	multiple groups on the list. Each will have a
14	different interest in the project.
15	For example, the City of Reno is going to be
16	looking at this project from a user perspective in
17	being concerned with maintenance and access to the
18	park, and how do they get to the river when there is
19	flooding issues.
20	The Army Corps, Truckee River's Flood
21	Management Authority is going to be looking more at
22	flood capacity requirements and impacts to the river
23	directly.
24	Adjacent property owners will be more
25	concerned with the direct impacts to their property or

Page 14

the Wingfield Park area. 1 2 So we're here today, and we will meet two more times to gain consensus as a group. Everyone's 3 4 input will be considered. Consensus means: working together to reach a 5 mutually-acceptable design that meets all relevant 6 7 stakeholder's interests. 8 As we move through the process, some amount 9 of compromise will be necessary. We do have a very diverse group of individuals here, and I anticipate it 10 will be more challenging to gain consensus as we move 11 12 on to future Stakeholder Working Group meetings. 13 So let's talk a little bit about the project The scope of this project is to complete a 14 scope. feasibility study to define the scope of future phases. 15 16 We here at RTC are trying to figure out what 17 all do we need to do so that we can actually get these bridges replaced. 18 19 Those future phases include NEPA in design, 20 which we anticipate kicking off early next year. We 21 anticipate construction to happen in 2026. 2.2 The goal of this project is to reduce the 23 range of possible bridge types and aesthetic themes 24 through engineering analysis and by conducting public 25 outreach.

Page 15 1 Our outcome is to have a bridge type and 2 aesthetic package identified to carry forward into NEPA clearance in design. 3 We will be documenting decisions using a 4 process called "planning and environmental linkages," 5 also known as PEL. 6 Following this process helps inform decision 7 making, engages the public and stakeholders, and 8 9 streamlines future NEPA processes. How does it do that? By legitimately 10 11 reducing the range of alternatives following a defined 12 process that will ensure alternatives dismissed don't 13 need to be analyzed again during NEPA. So our project process has been modeled kind 14 of after the Virginia Street Bridge process. I like to 15 16 think of this process as kind of an upside-down 17 pyramid. 18 We start with a purpose and need. We throw 19 together a bunch of concepts. We take them out to the 20 general public in a public meeting. We get comments. 21 From there, we take those comments, we give 2.2 them to a Stakeholder Working Group, kind of refine 23 them and try to come up with some alternatives. 24 Things are further looked at from the 25 technical aspects from Technical Advisory Committees.

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Page 16 We keep kind of going through this process 1 2 until we get out at the end with some alternatives that we think will work, will meet the purpose and need, or 3 4 maybe a couple alternatives. Those alternatives will be taken to NEPA where they will be further designed --5 further analyzed and looked at. 6 So I've kind of summarized our public 7 outreach activities. We did have our public kickoff 8 meeting back in December of 2019, and we got great 9 feedback from the public. 10 11 Today, we're having the first of three 12 Stakeholder Working Group meetings. In addition to the Stakeholder Working Group meetings, we will have two 13 Technical Advisory Committee meetings. 14 15 We're going to have one that is focused on 16 permitting and regulatory requirements, and then we're going to have a second one that is going to focus 17 18 on bridge and roadway elements. 19 We will have another public meeting towards 20 the end. So pubic outreach. 21 One thing that is not really outlined here on 2.2 the side is that we will be giving three presentations 23 to the RTC Board and City of Reno Council. 24 One of those presentations already happened last year, one to our Board in March, and one to the 25

	Page 17
1	City of Reno Council in November.
2	Once we conclude all of our Stakeholder
3	Working Group meetings and our tech meetings, we'll
4	take all the recommendations and information from those
5	meetings, and we will present it to the City of Reno
6	Council and the RTC Board.
7	Then from there, we'll go out to the public
8	and let them know what we've come up with, we will go
9	back to the City of Reno Council and RTC Board, and
10	then we'll finalize the feasibility study.
11	So project purpose and need. This is the
12	project purpose and need as it sits right now. It is
13	to address structurally-deficient bridges, provide safe
14	and ADA-compliant multimodal improvements, address
15	hydraulic capacity needs, and respond to regional and
16	community plans.
17	I'd like everybody just to kind of keep this
18	slide in mind. We have a board up here also. Once we
19	get towards the end of the meeting, and we've had all
20	of our discussion, I would like to review this slide
21	again and make sure there is not anything that we need
22	to add to it.
23	So here is kind of our project schedule.
24	Like I said, we had that public kickoff meeting back in
25	December. We're kind of in this little bar right here

Page 18 right now, where we're going to be identifying and 1 2 analyzing bridge concepts. 3 We're going to have a public meeting, and 4 we're going to complete -- the plan is to complete the feasibility study by the end of this year so that 5 starting next year in 2021, we can kick off 6 environmental NEPA and design permitting, and, 7 hopefully start construction in 2026. 8 9 Almost on my five-year plan. It's kind of getting out to the six-year plan, but still pretty 10 11 close. 12 So this is not the first time these 13 bridges have been studied. It has already been alluded to, back in 2009, the City of Reno completed the 14 TRAction Visioning Project. 15 This study was a result of the 1997 and 2005 16 flood events, and focused on finding the best solutions 17 for improved flood protection in Downtown Reno. 18 19 It included six downtown bridges: Booth, 20 Arlington, Sierra, Virginia, Center, and Lake. 21 Based on public outreach and stakeholder 22 input, the focus became balancing the appearance of the 23 bridges with an acceptable level of flood protection. 24 From a flood-protection perspective, the study determined that bridge replacement, not 25

Page 19 rehabilitation, was a better alternative. 1 2 Also from a flood-protection perspective and from that study, upstream detention, diversion 3 4 channels, dredging, river widening, and debris fields were considers as not viable alternatives. 5 So now I'm going to kind of turn it over to 6 Ken, who is going to provide you with a little bit more 7 background information on some one-on-one meetings that 8 9 we've had up to this point. 10 MR. GREENE: Thank you, Judy. 11 So Judy touched on a number of meetings that 12 are planned to occur going forward. 13 This next handful of slides is intended to just provide kind of a high-level summary of meetings 14 that have already occurred, and what was discussed in 15 those meetings; these slides are based on the notes 16 from those meetings. 17 There were five meetings that occurred in 18 2019; the first one was March 6 with TRFMA. 19 20 Key takeaways: TRFMA is going to be involved 21 as a stakeholder. They're involvement is going to be 22 related to hydraulics. 23 It was agreed that the PEL checklist would be 24 used. Also discussed was the Flood Project 25 Programmatic Agreement, or PA.

Page 20 From the notes, the elements were dropped for the downtown portion of the project from the PA in 2 2011.

4 So part of what we want to confirm or discuss 5 going forward is the PA for the Arlington Bridges 6 Project; whether or not a separate PA needs to be 7 executed for project or not.

Again, based on those meeting notes, the analysis from the current flood model, the hundred-year water surface elevation was 4,502 feet above sea level. Debris removal beneath the bridges is important, and TRFMA will support the project through modeling to help guide the alternatives design.

Again, a lot of the information from these past meetings went into the criteria and constraints that we've got included as a handout.

So once we move off of these slides and get 17 into those handout materials and have the break-out 18 19 sessions, anything that we need to change going 20 forward, we want to make sure to capture in those 21 handouts so we properly document criteria and 2.2 constraints for both the environmental components of 23 the project, as well as the engineering design 24 components.

So that was on March 6th. There was a

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Page 21 meeting on March 25, 2019. Previous NDOT inspection 1 2 reports suggest that the bridges are not historic in 3 nature. 4 So that kind of presents the issue, I quess, or some talking points with regard to the PA, or 5 problematic agreement, going forward, and whether it's 6 7 needed. 8 Section 408, permitting/compliance, and this is both from the Corps of Engineers, as well as the 9 10 Carson-Truckee Water Conservancy District. 11 Again, using the PEL process to document 12 decisions. I think from those notes, it can be signed 13 by either NDOT or FHWA. 14 The key purpose of the PEL is to carry forward major decisions and products from the study 15 into NEPA without having to backtrack. We do have a 16 copy of that PEL checklist that we will be using and 17 18 including in the feasibility study report. 19 MS. HANSON: Can I ask a quick question? On the top bullet there, NDOT Bridge and Inspection 20 21 Report, is that through SHPO? 2.2 MR. GREENE: That is through the NDOT Bridge 23 Inspection Report. 24 MS. HANSON: Do they consult with SHPO? 25 MR. GREENE: I believe so. But as we get

Page 22 into this, we'll talk about lead agency roles, Federal 1 2 agency responsibilities, coordination with NVSHPO, Corps of Engineers, FHWA, NDOT. 3 4 MS. HANSON: It was just confusing why 5 NDOT --6 MR. GREENE: Yeah. And it was just what was 7 indicated on the inspection report. 8 MR. WEGNER: It was actually an agreement between SHPO. 9 10 THE COURT REPORTER: I'm sorry for the interruption. I know Ken, I know Judy, and I know 11 12 Matt. Anybody else that speaks, if they wouldn't mind 13 just blurting their name out, that would be great. MS. HANSON: Claudia Hanson, City of Reno. 14 15 THE COURT REPORTER: Thank you so much. 16 And your name, sir? 17 MR. WEGNER: Dale Wegner. 18 THE COURT REPORTER: Thank you. 19 MR. GREENE: So there was a meeting with the 20 Corps of Engineers. At that meeting, the relationship 21 between section 404 and 408, the processes were 22 discussed. It was also discussed that the Corps's 23 involvement would be related to those two sections of the Clean Water Act. 24 25 It will require section 408 compliance

Page 23 because we're altering -- the project will alter that 1 2 civil works project. 3 The Corps of Engineers offered the project 4 team the opportunity to participate in their monthly meetings. We've already had some preliminarily 5 conversations with the Corps in that regard. 6 We'll carry that forward, and, hopefully, we 7 can actively participate and keep this process moving 8 9 forward expeditiously. 10 Wetland biological resource investigations, whether they be a jurisdictional determinations or the 11 12 aquatic resource determinations or verifications; one of those two will be requested. We're continuing to 13 14 look at that. 15 The Corps will consult with SHPO regarding 16 culture resources eligibility determinations. 17 Then there was a meeting on the 13th on November with Reno City Council, wherein the scope, 18 general schedule, and process -- public participation 19 20 process was discussed. 21 It was noted that the bridge replacement 22 project was included in the 2040 RTP. 23 The process for public participation was had with the City of Reno City Council, and they agreed 24 with both the process and the composition of the 25

Page 24 Stakeholder Working Group -- Judy shared the slide 1 2 early on -- and those team members were added as a 3 result of that meeting. 4 Then, as Judy indicated, we have had one public meeting that was on December 12, wherein we got 5 some really good comments; overall a good meeting, and 6 we'll get into that in a little bit. 7 So a couple of slides on Federal agency roles 8 9 and agreements. Again, we threw this together trying to facilitate discussion with regard to lead agency 10 and/or Federal agency roles, responsibilities, and 11 12 agreements. 13 FHWA or the Corps of Engineers, lead agency, I think that really is going to come down to whether or 14 not there's Federal funding, as part of the project or 15 16 not. 17 Again, confirming with NVSHPO and the Corps of Engineers whether the bridges are historic. 18 Consider project affects on historic properties, and I 19 expect that would include both direct and indirect 20 21 affects to those properties. 2.2 FHWA or NDOT will sign the PEL checklist to document the decisions and then work with NVSHPO to set 23 the groundwork for the programmatic agreement, or PA, 24 25 if we need that.

Page 25 Then support Federal funding source review 1 2 and analysis, the Corps of Engineers or FHWA. We'll 3 just have to see how that all unfolds. 4 MR. SAMAN: Quick question. Sorry to have to 5 interrupt. Could you clarify just some of these agency 6 abbreviations. I'm not familiar with FHWA or what SHPO 7 8 is. 9 MR. GREENE: NVSHPO is the Nevada State Historic Preservation Office. FHWA, Federal Highways 10 11 Administration. USACE, U.S. Army Corps of Engineers. 12 Any other ones? 13 MR. SAMAN: No. Thank you. MR. GREENE: You're welcome. 14 15 So the Corps of Engineers will work with both FHWA and NVSHPO, as we indicated before, to consider 16 17 project affects on historic properties, support the permitting process for section 404 and 408, and then 18 19 support the request for aquatic resource verifications 20 or the jurisdictional determination, or JD. 21 Then NVSHPO will work with the other two 2.2 agencies on the historic eligibility determinations, 23 work with FHWA to set the groundwork for the PA, or programmatic agreement, and then evaluate the project 24 25 impacts on historic properties.

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Page 26 Any questions? I kind of blew through that 1 2 pretty fast, but we're going to get into that, a lot of the meat of that, a little bit later in the break-out 3 4 sessions. 5 MS. TORTELLI: So now I would just like to kind of touch on what kind of public process 6 requirements we put on ourselves. 7 One is to utilize the Stakeholder Working 8 9 Group to identify alternative-specific criteria and constraints, refine bridge design concepts, and 10 11 determine aesthetic themes. 12 The second one is to seek public comment on 13 available bridge design alternatives and aesthetic 14 themes. 15 The third one is to prepare and finalize the 16 feasibility study. 17 Then, the last one is to set the groundwork 18 for preparing or finalizing that programmatic 19 agreement, should one be necessary. 20 So, you know, I'd like to talk a little about 21 the comments that we received in our public meeting 2.2 back in December. 23 We really did get some great feedback. There were 45 attendees, and of those 45 attendees, 24 people 24 25 made comments; two made comments to the court reporter,

Page 27 19 filled out cards, and three submitted comments to me 1 2 directly via mail or email. 3 We took all of those comments received, and 4 tried to split them into these categories: Bridge type, aesthetics, additional elements, other needs or 5 6 challenges, and other general. 7 So a lot of people that made comments, they made a comment, and it fell into more than just one 8 9 category. So that's why you see we have 64 individual comments and only 24 people making comments. 10 11 The majority of comments that we received at 12 our first public meeting were not really criteria-constraint specific, which is what we're here 13 today to talk about. 14 The comments received were more tied to 15 16 bridge type and aesthetics themes, which are topics that we will be covering at future Stakeholder Working 17 18 Group meetings. 19 I did -- I and the Project team, we went through the comments that were received to ensure that 20 21 they are all covered by criteria constraints that we've 22 already defined. 23 That list of stuff on those handouts, we felt 24 like all the comments that we received fell into --25 most of the comments we received fell into some of

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Page 28 1 those categories. 2 So I would just like to read a couple of the 3 comments that we received to you all, so you can kind of get a taste of what they were. 4 Some of the comments that we received that I 5 б felt didn't really fall into a specific 7 criteria-constraint category that we've already defined 8 were: 9 Something more visually pleasing, not cookie-cutter. 10 No additional types. I particularly 11 love the gracefulness of tiered-arch concept. I really love the Virginia 12 Street Bridge; its grace and spaciousness. 13 Please consider Wingfield Park 14 amphitheater redesign when doing this project. 15 Okay with the existing bridges. Who 16 is paying for this? 17 Hopefully the Sierra Street Bridge will be replaced sooner than the 18 Arlington Bridges. The Sierra Street Bridge's center support collects 19 debris during flooding, and it is in really bad shape. 20 21 So now to read you a couple of comments that 22 kind of fell into existing categories that we do have: 23 The dirt in the middle of the elevated bridge should be removed allowing 24 unfettered pedestrian access to all parts of Wingfield Park and vehicle access from west of Barbara Bennett 25 Park. Wingfield should be one park

1	not divided by a bridge.	Page	29
2	Additional access to the river, better		
3	pedestrian connectivity, suspended pedestrian walkway on main bridge.		
4	Concerned about location for contractor staging and parking.		
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Page 30 1 Cost efficiency. Color contrast in structure. Pedestrian-friendly is a 2 goal. 3 The elevated-bridge concept ignores the reality of events that take place 4 on the bridge, and the fact that many events take place on both sides of 5 Wingfield Park. 6 So you can see, there's a whole range of 7 comments. Kind of as I expected, over half of the 8 9 comments that are criteria-constraint specific would fall into items we have already listed in our bridge 10 11 and roadway engineering design category. 12 About a quarter of the comments would fall 13 into the bike/ped use category. Several were traffic related, and there was one specific to land use. 14 We will be looking at these comments again to 15 initiate discussion at future Stakeholder Working Group 16 17 meetings. Okay. Finally, we're here; it's kind of our 18 starting point. It's time for that break-out session 19 20 that I talked about. 21 I would like to reiterate that all of your 22 input matters, and we're really looking for feedback from everyone in this room. 23 24 We have kind of split stuff up, but, 25 hopefully, you've had a chance a review the handouts.

Page 31 If not, that's fine. 1 2 We're going to look at environmental design. Ken is actually going to go over environmental design. 3 4 We're going to talk about permitting, historic parks, hazardous materials, biological and 5 natural resources. We're going to kind of go through 6 all those categories. 7 Then we're going to switch over to -- Matt's 8 9 going to cover the engineering design criteria and 10 constraints. 11 The categories that we have there are broken 12 up into bridge and roadway, right-a-way access, bike 13 and pedestrian use, land use, traffic, and utilities. So with that, I'll go ahead and turn it over 14 to Ken again. 15 16 So like Judy said, the intent MR. GREENE: here is for this to be lively, maybe. That is not the 17 right word. Productive, I think. 18 19 So based on where we are in the feasibility study process, the comments, to some degree, that we've 20 21 received so far, and just recognizing where we need to 22 go, we've begun populating the spreadsheet with 23 criteria for the environmental design. We've laid some of the constraints, and that is for each one of the 24 elements that Judy mentioned on the previous slides. 25

Page 32 So the intent here is to take a look at what 1 2 we've got and let's build upon it so that we have a pretty complete listing based on this first meeting of 3 4 what those criteria and constraints are going to be going forward so we feed those into the feasibility 5 6 study. That helps us focus the alternatives analysis. 7 Okay? So for this first one, permitting, we've 8 identified the City of Reno, special use permit; Corps 9 of Engineers, the 408 permit, the 404 permit; as well 10 as the nation-wide storm water permit. 11 12 We also think we're probably going to need a state land encroachment permit, and a 401 water quality 13 certification. 14 15 What we've really identified in terms of constraints for each one of those permits is conditions 16 relating to individual permits or the schedule that 17 18 it's going to take get those permits once the applications are prepared, submitted, responding to 19 comments, so on and so forth. 20 Any other permits? Any other criteria or 21 22 constraints relating to permits on the project? 23 Yes, ma'am? 24 MS. LANZA: And maybe I'm am speaking for When we did the Virgina Street Bridge -- and I 25 you.

Page 33 think it's a sub 7 404 -- the U.S. Fish and Wildlife 1 2 endow -- and that was all from the 404. That was a VO. 3 MR. GREENE: A VO or a VA. 4 MS. LANZA: Right. I just also wanted to mention, while the bridge permitting was a thing, the 5 6 flood wall permitting was another. That became it's own monster two years after the Virginia Street Bridge 7 8 was ready to go. 9 THE COURT REPORTER: Can I get your name, please, ma'am? 10 11 MS. LANZA: Kerri Lanza. 12 THE COURT REPORTER: Thank you. 13 MR. PENROSE: Ron Penrose with Carson-Truckee 14 Water Conservancy District. 15 We have -- we're part -- we are a party to 16 the Mars Creek Agreement, which is associated with the They constructed the Mars Creek reservoir 17 Army Corps. Then the local entities were charged with 18 and dam. 19 maintaining the flood channel to a certain flow: 20 14,000 CFS. 21 What that means for Carson-Truckee is that we 2.2 need to clear debris out of the river, and we need 23 access. It's been very difficult in the downtown urban 24 area to get access to remove downed trees, snags, even 25 shoal sediments that occur after a flood.

Page 34 1 So we would like to see incorporated into the 2 design access to the riverbed so that we can get moderate-sized heavy equipment in there. 3 4 MR. GREENE: And that's for both channels? 5 MR. PENROSE: Yes. 6 MR. GREENE: So also from that agreement, 7 there is a couple of things that came up. You mentioned the 14,000 CFS. 8 9 MR. PENROSE: Um-hmm. 10 MR. GREENE: So -- and that is really the flood season, so the construction would have to occur 11 12 outside of those. So between November and May. 13 Is that -- I think I pulled from -- or 14 November and June, I think. I think I pulled that from that 408 Agreement. 15 16 MR. PENROSE: Specifically dictated by the Corps of Engineers, I think their regulatory local 17 branch. 18 Yeah. 19 MS. THOMASON: That's me, Jennifer Thomas from the Corps of Engineers regulatory branch. 20 Things you should know: The 408, if 21 2.2 required, has to be awarded, authorized -- whatever 23 word you want to put in -- has to be completed before we can issue a 404 permit. 24 25 So I know you work through the local sponsor,

1	Page 35 Carson-Truckee Water Conservancy. So you'll work
2	through them to apply to Sacramento District Corps for
3	408 section for that authorization.
4	We communicate with them for 404 programs as
5	well, but that is a separate application process that
6	is initiated through a local sponsor.
7	So they will also be looking to go through
8	the NEPA process for their decision in the same way
9	that we've 404 has to.
10	So rather than duplicating all of those
11	efforts, it's going to be important to figure out:
12	One, who is the lead Federal agency. If it's
13	going to be Federal Highways that Federal money is
14	coming, and they're going to take the lead.
15	Because then the Corps, both the 408 and 404
16	can designate them as the lead the Federal agency
17	for section 106 compliance and for section 7 ESA
18	compliance. That's important to note.
19	The other thing to note is that if Federal
20	Highways is the lead Federal agency, the Corps still
21	has to do their own tribal coordination. We do not
22	delegate our tribal coordination to any other Federal
23	agency.
24	So that is something that may affect the
25	timing. Things that you should be aware of.
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Page 36 Then I would like to add on, if 1 MS. EBEN: 2 that's okay. 3 MS. THOMASON: Yes. 4 MS. EBEN: I am Michon Eben with the 5 Reno-Sparks Indian colony. So mine is going to be a little bit a lot 6 more; it could go through section 106, but it is the 7 historic properties, as well as the natural resources 8 9 that the Reno-Sparks Indian Colony, we recognize the Truckee River as a traditional cultural property. 10 11 Although not formally designated, it has the 12 elements to be designated as a TCP, a traditional 13 cultural property. 14 So that's going to be a concern of ours, of anything active in the river. I don't have to tell you 15 about the river. 16 17 Probably may know, the river is very important to this region. Water is important. 18 We --19 it's not just my culture and my history, it's your quys's as well. We need the Truckee River. 20 21 So -- but part we're part of progress too, 2.2 and I drive over the bridges. 23 But I do want to state that the Spaghetti Bowl project, in working with FHWA and NDOT through the 24 process, we did evaluate parts of river. 25

1	Page 37 That's really hard for a cultural group to	
2	just evaluate sections of a river. We see the river	
3	from Lake Tahoe, 121 miles down to Pyramid Lake all	
4	one, giant cultural resource; but science and Federal	
5	agencies and boundaries and maps see it as a section.	
6	So we've already meaning the Reno-Sparks	
7	Indian Colony, FHWA, and NDOT evaluated from Wells	
8	Avenue down to Second Street regarding the Spaghetti	
9	Bowl the new Spaghetti Bowl project.	
10	So we're at one day hoping that we all will	
11	be partnering in trying to designate our cultural	
12	resources.	
13	This is going to be kind of a bigger element	
14	for us, but I just want to put it out on the table that	
15	we will become requesting that, to evaluate these	
16	areas.	
17	Although it's a bridge, everything is	
18	separated, it is connected to a very important cultural	
19	resource.	
20	As you may know, our ancestors the river,	
21	not Jennifer, but, I was going to say, Army Corps, back	
22	in the day not Jennifer at that time changed the	
23	river and the way it flows.	
24	So we have campsites along the rivers that	
25	are probably destroyed because of the City and where	

Page 38 the Arlington Bridge is now. But very important to us. 1 2 So we may be -- well, we probably will be asking to evaluate this area because the evaluation 3 4 between Wells and Glendale is determined to be eligible, but we can't really designate it because it's 5 6 part of a bigger resource. So I just want to put that out there because 7 8 we're going to be a part of this process. That's what 9 we will be talking about. 10 MR. PENROSE: What we found recently with recent 408 applications, encroachment permits, was that 11 12 the timeline from receipt of the application, then 13 District does their own review, they might use their consulting engineer to help with that review, and that 14 goes down to the Corps for some type of recommendation. 15 16 That whole process can take up to 18 months. So you could crank that into your overall project 17 schedule. 18 19 MR. GREENE: That's a good point. 20 MS. THOMASON: To build on his point, you can 21 have your 404 ready, you can do that process with the 2.2 408 at the same time. 23 But where we hit is waiting on that final decision on the 408. I have to hold form 404 until the 24 25 408 decision is made.

Page 39 1 MR. GREENE: That was going to be one of my 2 questions. They don't need to occur linearly. They occur with some overlap as long as the 408 is preceding 3 4 the 404. 5 MS. THOMASON: Correct. And it's just the 6 decision point, actually. Where we usually work with our 408 people and 7 8 Federal Highways on: Do we have everything we need for 9 cultural resources? Do they have everything they need for endangered species? That sort of thing. 10 11 That is something to take into consideration. 12 So to build on Michon's point that recognize 13 that any surveys or anything that we need, we will be 14 coming to you to ask for them to be provided. 15 Also, for the 404, I just want to make sure that we're clear: You only need a 404 permit if you're 16 replacing fill material below the ordinary high water 17 mark of the Truckee River. 18 19 So when you build something that doesn't clear a span, and there's no fill material below, you 20 21 may not need a 404 permit. 2.2 MR. GREENE: There's a pier, I believe, in 23 the north -- beneath the north bridge that needs to 24 come out. 25 You're still not placing fill. MR. WEGNER:

Page 40 THE COURT REPORTER: I'm sorry. Who was that 1 2 speaking, please. 3 MS. TORTELLI: Dale Wegner. 4 THE COURT REPORTER: Thank you. But we would be working within 5 MR. GREENE: the channel below the ordinary high water. 6 7 MS. THOMASON: It changes the permit that you need. To be able to designate that will depend on your 8 9 design. 10 What you will want to establish with us up front, is that ordinary high water mark, so that we 11 12 know what plane we're working with to determine what types of permits and what your total fill amounts are 13 14 as it pertains to the 404 permit. 15 MR. GREENE: A couple of other things that 16 came up kind of after we put this together, and I just want to throw them out there for consideration. 17 There's been some, I believe, fairly recent 18 aerial imagery surveying, lidar, in the area. 19 20 What's the confidence of that survey data 21 beneath the bridge, and do we need to undertake a 2.2 bathymetric survey for the channel below the bridge? 23 Again, just throwing it out there. We don't 24 want to get surprised down the road. 25 MR. PENROSE: I think it's pretty good. You

Page 41 should confer with Trifmont (phonetic) on that. 1 2 MR. GREENE: Okay. MR. PENROSE: In fact, the Carson-Truckee, 3 4 we're using some of the lidar data along with some more recent survey data to try to complete our 14,000 CFS 5 model of the river following the state line. 6 So the data that's out there is pretty good 7 right now. 8 9 MR. GREENE: Okay. 10 Anything else on the permitting category? 11 (No response.) 12 All right. Moving on. 13 Historic section 106. Again, from the notes, 14 the bridges are not eligible for any registers. We need to, obviously, confirm that. 15 That doesn't mean that there is not a 16 requirement for section 106 monitoring prior to 17 18 construction as part of some pre-project survey or during construction. We're just looking at the bridge 19 20 structure itself. 21 What we've got here for constraints: 2.2 Define the area of potential affect for both direct and indirect affects. 23 24 Identify and document resources. 25 Determine the affects; if adverse, produce

Page 42 agreement documentation, and then implement a 1 2 monitoring program. For the adverse affects that require 3 4 mitigation, implement that mitigation, and then proceed with the project. 5 6 And then, again, the programmatic agreement. So I think we've got to dig a little bit 7 8 deeper into the PA; the purpose of the PA and the need 9 for a programmatic agreement. 10 Going forward, we'll continue looking at But throwing that out there, and assuming that 11 that. 12 the bridges are not historic, would there be a need for 13 a PA for this project? 14 MS. THOMASON: So when you're saying PA, programmatic agreement, are you using that in lieu of 15 16 the memorandum of agreement or you are committing to doing mitigation because of an adverse impact? 17 I think what we were 18 MR. GREENE: No. 19 looking at was the Flood Projects PA -- right? -- for the downtown bridges. And that PA, I believe, expired 20 21 in 2011. So is there a need for another PA because 22 that PA expired? 23 We get the MOA and the need for either a PA 24 or an MOA as it relates to mitigating adverse affects. 25 Okay. I understand that part MS. THOMASON:

1 now. 2 The other thing that I want to make sure you're aware of with historic properties is that for 3 4 any of the areas, there is a responsibility to evaluate the viewshed of any surrounding historic properties as 5 well. 6 7 It's not just: Are the bridges historic? It is: Do we have a historic mansion or 8 another resource within that viewshed? 9 Is there an impact to that as well? 10 11 The Corps and/or Federal highways we both 12 look at that or have that evaluated to be able to 13 complete the section 106 because that is part of that section 106. 14 15 MS. LANZA: I think I would I just add to Jennifer's comment: That is why the Virginia Street 16 Bridge, that the freeboard on that was designed to be 17 two feet. Because if it came up too much, it would 18 19 have impacts -- viewshed impacts, not ramp and roller 20 coaster sidewalks. 21 The heighth of the bridge might be one of the 2.2 things that gets decided up front. 23 MR. GREENE: Yes, ma'am? 24 MS. HARSH: May I make a comment? 25 MR. GREENE: Of course.

Page 44 Regarding the historic -- I'm the 1 MS. HARSH: 2 elephant in the room that has to do with historic preservation, along with Honor Jones. 3 4 The two bridges that were considered for historic importance was the Center Street Bridge. 5 The Memorandum of Understanding has allowed that to be 6 replaced. The input went on to Virginia Street, and 7 that's already been dealt with. 8 9 As far as my knowledge is concerned, there's not a historic consideration to the structure itself, 10 11 but the constrains that have already been brought up. 12 MR. GREENE: Anything else? 13 MS. LANZA: Sorry. In the visioning process, 14 I recall that Arlington Street Bridge was eligible to register. I am certainly not the authority or trying 15 to advocate for that. 16 17 I'm just kind of suspect of the premise that it is not on the historic register because, at the 18 time, SHPO had said that we would treat all bridges 19 that are ineligible for the register as if they were. 20 21 MR. GREENE: Okay. 2.2 Yeah, and I didn't go back and take a look at 23 any of the background on that inspection report to figure out how they concluded that it wasn't, and what 24 25 information we used to support that statement.

Page 45 1 MS. LANZA: But in this process, I fear the 2 408 the most. 3 MS. THOMASON: By the time you get through 4 them, I'm easy. 5 MS. LANZA: Okay. 6 MR. GREENE: Okay. Moving on. I don't think I have the clicker. 7 MS. TORTELLI: Lyn will just have to scroll 8 9 it down. 10 MR. GREENE: So did anybody have a chance to 11 take a look at the handouts beforehand? 12 (No response.) 13 So this next one is section 4F and 6F. We've got the criteria listed there, as well as the 14 constraints that we've identified so far. 15 Rather than reading through each one of 16 those, does anybody have any input on the criteria? 17 Expand it? Change it? Or on any other constraints 18 that are listed. Does it make sense? Should we not 19 20 advise them or add or can we delete? 21 MR. MANN: None of the parks adjacent to 2.2 Arlington Street Bridge have been funded through LWCF. But there have been some elements that were 23 transportation funded. 24 25 T21, all the other acronyms, the

Page 46 Transportation Alternative Program, nothing is LWCF 1 2 funded in this area. 3 MR. GREENE: Okay. So that contradicts some 4 of what we've got listed there under item 2, I think. 5 Go back to properties. So applies to -- and what we're saying here or implying is that 6F applies 6 to the Truckee River greenbelt, Wingfield Park, and 7 Reno Whitewater Park. 8 That's not the case? 9 MR. MANN: Pardon? 10 11 MR. GREENE: That is not the case? 12 MR. MANN: Sorry. I didn't hear the 13 question. 14 MR. GREENE: So the 6F -- the designation under 6F, what you're saying is that funding -- that 15 16 LWCF funding --17 MR. MANN: Does not apply. 18 MR. GREENE: -- does not apply to any of the 19 area? 20 MR. MANN: It does not apply to any of the 21 parks --2.2 MR. GREENE: Okay. 23 MR. MANN: -- in this area. 24 MR. GREENE: Okay. 25 MR. MANN: LWCF is Land and Water

Page 47 Conservation Fund. It's a Federal fund source, which 1 2 requires a deed in perpetuity for recreation use only. 3 MR. PENROSE: Excuse my ignorance. What does 4 section 4F and 6F pertain to? MR. GREENE: Well, I'm no 4F or 6F expert, 5 6 but looking at the bullet there, 4F provides for consideration of park and recreational lands and 7 8 historic sites during transportation project 9 development applies to USDOT implemented by FHWA. So it's --10 MR. PENROSE: What Federal statute is it? 11 12 MR. GREENE: I don't have that written down, 13 but we can certainly get it. 14 MR. WEGNER: It's part of the NEPA process. 15 MR. PENROSE: Okay. 16 MR. GREENE: Then 6F relates to accessibility -- ensuring accessibility to outdoor 17 18 recreational resources, open space, parks. Well, then it looks at like, other 19 Okay. than making some changes to 2A with regard to the LWCF 20 21 designation to these properties, we're okay with the 2.2 constraints we got listed here? 23 MS. HONOR JONES: Ouestion? 24 MR. GREENE: Yes, ma'am. 25 MS. HONOR JONES: Honor Jones, citizen.

Page 48 Where does the endangered species come into the 4F or 1 2 the 6F as it relates to what has happened with the Native American Agreements and covered under National? 3 4 MR. GREENE: We have, a little bit further 5 down, biological and natural resources. 6 I think that might be what you're thinking about. 7 MS. HONOR JONES: Well, I think even since 8 9 the Virginia Street Bridge has been completed, we have even had deeper agreements with National as it regards 10 to the Native Americans, Pyramid Lake, cui-ui fish, and 11 12 so forth under the Federal regulations. 13 MR. GREENE: Under the Endangered Species 14 Act? 15 MS. HONOR JONES: Yes. 16 MR. GREENE: I think that's part of what Jennifer touched on earlier with regard to the section 17 7 consultation. That's going to be required by Fish 18 and Wildlife or State Game and Fish. 19 20 MS. THOMASON: To answer your question, 21 under -- depending on who is the lead, either Federal 2.2 Highways, if they are providing funding, or the Corps, 23 if it's only permits that is are required. One of us would have to take lead on section 24 25 7 consultation with U.S. Fish and Wildlife with regard

Page 49 to all the ESA-listed species in the Truckee for that 1 2 area. 3 So typically that's going to include cui-ui 4 and Lahontan cutthroat trout and the plants. What protections and what the assessment is 5 for that particular area and what the concerns are. 6 7 What B&Ps need to be in place. What time frames need to be in effect for construction. 8 All of that is worked out during that ESA 9 consultation with U.S. Fish and Wildlife Service. 10 11 With regard to the treaty rights with the 12 tribes, that's done as part of our tribal 13 coordinations. In addition to historic properties, we would 14 also consult on tribal treaty rights and if the project 15 16 would impact those for the tribe. 17 So I don't know if that totally answers your question or concerns, but that's how it is address 18 19 throughout the process. 20 MS. HONOR JONES: Okay. Thank you. 21 MR. GREENE: Anything else to add or edit 2.2 here? 23 MS. THOMASON: I have a question: With 24 regards to the 4F being for the Transportation Project, 25 that's part of the NEPA process?

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Page 50 MR. WEGNER: Yes. 1 2 MS. THOMASON: So is it not really public interest? Is that a special --3 4 MR. WEGNER: It's a special report that has 5 to be completed. 6 MS. THOMASON: Got it. Okay. MR. GREENE: Good. Moving on. 7 8 Okay. This is next one is pretty straight forward, hazardous materials. 9 10 Again, if there's anything else that anybody thinks we should add or expand upon, we can do that now 11 12 and, obviously, each one of these criteria and 13 constraints are going to be living elements of the 14 project going forward. As we identify additional constraints or 15 criteria, we'll make sure to include those in future 16 meetings to the degree that we need to. 17 To we want to make sure that this list of 18 criteria, whether it be on the environmental side or 19 20 the bridge design side, the engineering side, that it 21 is complete and as thorough as it can be. 2.2 Yes, ma'am? MS. LANZA: Kerrie Koski encountered a 23 24 petroleum soils control in contaminated soils in the 25 Virginia Street Bridge.

Page 51 There were hotel sites that were on the 1 2 quadrants and underground storage tanks. 3 MR. NEGRETE: Did you find those during 4 design or during construction? MS. LANZA: During construction. We had done 5 6 geotechnical, but it wasn't revealed until during construction. 7 8 MS. KOSKI: None were suspected at the site at this time; right? 9 MS. LANZA: I have not looked into that. 10 11 MS. KOSKI: I don't believe that we sh- -- we 12 don't have any suspicion at this point. 13 MS. LANZA: I think NDEP, environmental 14 protection would believe to consulted. 15 MR. GREENE: Good idea, yes, for USTs or --MS. KOSKI: With the work that we did with 16 Whitewater Parks. 17 MR. GREENE: Okay. So that's a good point 18 19 with regard to petroleum-contaminated soils in the 20 banks at that location. 21 We've also got listed here the potential 2.2 occurrence of asbestos-containing material within the bridge structure itself, as well as lead-based paint. 23 24 The bridge certainly dates to a period of where either of those conditions could exist. 25

Page 52 Any other items under hazardous materials? 1 2 (No response.) All right. Biological and natural resources. 3 4 It's a fairly extensive list. What we've come up with so far is natural resources and waters of the U.S. or 5 wetlands. 6 7 Again, listed there, we've got 11 species identified with some potential to occur within or 8 9 adjacent to the project. That's based on a database search, two-mile 10 radius, using the NNHP, the Natural Heritage Program 11 12 database. 13 So the actual occurrence of sensitive species within the footprint of the project is going to be 14 likely considerably less than that, but we threw that 15 out there because that's what we had at the time. 16 17 We've laid out here: 18 Biological surveys and monitoring during construction, minimize adverse affects to birds, bats, 19 20 and fisheries. 21 Waters of the U.S. and wetlands. The Truckee 22 here is a perineal waterway. 23 Highly modified, fully cemented riprap cement-filled banks. 24 25 Implement mitigation as needed to address any

Page 53 adverse affect. 1 2 Wetlands riparian delineation, and then stream bank modifications, alteration. 3 4 We've got a number of environmental memos that are in preparation, and those are going to get 5 submitted to the RTC. 6 They'll be appendices to the feasibility 7 study Report. Two of the memos address the natural 8 9 resources, wetlands water in the U.S. Again, all that information will feed into 10 the feasibility study report. 11 12 MR. L'ETOILE: I have a question: The 13 cemented riprap, why is that considered a biological or 14 a resource? 15 Sorry. I am kind of going back to the 16 previous --17 MR. GREENE: Well, it has to do more with the potential occurrence for wetlands or waters of the U.S. 18 19 So you've got a highly-altered stream bank that is either riprapped or cemented, you're not as 20 21 likely going to have wetlands or riparian impacts --22 right? -- unless they occur higher up on the bank. 23 MR. L'ETOILE: Thank you. 24 MR. GREENE: Pretty high-level stuff. We want to throw it out there, see what sticks, see if we 25

Page 54 can get anything else to stick, and then this will be 1 2 the stuff that we carry forward. 3 Anything else? 4 MS. THOMASON: Are you guys planning to do -get the currents on the ordinary high water mark soon? 5 So that it carries through design planning. What's the 6 7 plan? 8 MR. GREENE: Yeah. And that's part of what -- on the environmental side, the two memos that 9 we're putting together. 10 11 One of them is going to attempt to provide 12 information as it relates either to the jurisdictional 13 determination or the aquatic resources verification. 14 I don't yet know what direction we're going to go with that. 15 I know one is a lot more time sensitive or 16 time -- it requires more time, both on our part, as 17 well as, I believe, Corps's part. 18 19 So, I think, get a little bit further down 20 the road, and --21 MS. THOMASON: So the reason I'm asking is 22 because if you attempt to come in with an approved a JD 23 request -- an approved jurisdictional determination 24 request, the current best timeframe I can give you is eight to 10 months. 25

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Page 55 1 MR. GREENE: Eight to nine? 2 MS. THOMASON: Eight to 10. 3 MR. GREENE: Eight to 10. 4 MS. THOMASON: I appreciate it, but yes. 5 Just as a heads up on that. 6 But that is not a requirement of the Corps. I want to be perfectly clear about that. That is not a 7 8 requirement of the Corps. 9 MR. NEGRETE: Having that agreed to or, you know, you delineate it and agree to, if we don't have 10 11 it agreed to, that doesn't prohibit the feasibility 12 study. 13 Just we might make an assumption the boundary's here and it's determined that it's not there 14 and that will impact. But you can still move forward 15 16 with the feasibility without having that. 17 MS. THOMASON: Yes. While ordinary high 18 water mark may change from year to year based on the drought conditions, high flood events, and that sort of 19 20 thing, it is not going to be a significant amount 21 that's it's going to change. 2.2 So you say, like, other alternatives to 23 getting it approved for jurisdictional determination is requesting a site visit: Let's all go look at what the 24 25 field conditions are, where the indicators are,

Page 56 document those indicators. 1 2 There's a more informal process of getting -opposed to having to have: This is it. It's at this 3 4 evaluation. This is good for next five years. 5 Which would allow you guys -- I understand 6 that's the appeal of an approved JD is because you know 7 it's good for a specific amount of time. 8 But seeing as that you're five years out from construction and all that, and, again, this is the 9 Truckee River. It's not something that is -- we're 10 going to go out and there is going to be a four-foot 11 12 difference, that's not really what --It's dynamic, but it is not 13 MR. GREENE: 14 highly variable. 15 MS. THOMASON: Correct. Thank you. 16 MS. THERESA JONES: I just have a quick question: I don't understand the nuances. 17 I was involved in a project where Nevada 18 19 State lands helped determine the ordinary high water mark, so I was just curious what the difference was? 20 21 THE COURT REPORTER: Excuse me for just one 2.2 second. Can I get your name, please. 23 MS. THERESA JONES: Oh, Theresa Jones. 24 THE COURT REPORTER: Thank you. 25 MS. THOMASON: My understanding is that if

Page 57 the waters are not regulated, that state lands may make 1 2 that call. I think they typically use our processes. 3 MS. THERESA JONES: Because this was a 4 project along the Truckee River. Anyway. MS. THOMASON: 5 I'm not certain. MS. THERESA JONES: 6 Okay. MS. THOMASON: I'd have to know what the 7 8 nuance of the project was to be able to answer that 9 question better. 10 (Inaudible crosstalk.) 11 MR. GREENE: Okay. Well, thank you very 12 much. Appreciate it. 13 I'm going to turn the --MS. TORTELLI: Let's take a little break 14 before we turn over to Matt and start going through the 15 16 engineering stuff. 17 (Break from 2:17 P.M. to 2:34 P.M.) 18 MS. TORTELLI: I think we should get started 19 again pretty soon. I do have candy that I am going to pass around the room. So if you would like to take 20 21 some and pass it around. 2.2 So now we're going to work on the engineering 23 design criteria and constraints. Switch gears from environmental and go into engineering design. 24 25 Matt is going to go through the handout and

Page 58 similar discussion just like we had for the 1 2 environmental. 3 I'll go ahead and turn it over to Matt. 4 MR. NEGRETE: Thank you. 5 So we're going to get started on page 4 of 6 that 11 by 17 handout, and we've got the text up here on the screen as well. 7 We started out with the bridge and roadway. 8 9 What we felt were the design criteria on the left here, and then some of the constraints that are going to 10 drive what we need to do with both the bridge design 11 12 and roadway design. 13 So walking through the criteria on the left here, it was access: Vehicular access, pedestrian 14 access, bicycle access, then also how to access the 15 16 existing park. 17 We think you're all going to drive the 18 design. 19 Also, whatever the design hydraulic event is. In this case, we might have a couple: The one we need 20 21 to meet for freeboard requirements, and maybe another 22 one for the 14,000 CF- --MR. PENROSE: I just wrote down channel or 23 24 riverbed access --25 MR. NEGRETE: Yes.

Page 59 MR. PENROSE: -- for debris and sediment 1 2 removal. 3 MR. NEGRETE: And I think that will show up 4 in the next one when we get to the next page. That will be a good seque to get that documented. 5 So thanks 6 for bringing that up. Flood convenance. That, again, deals with 7 the hydraulic event associated with the freeboard so 8 9 that we can convey the design flood. Also, we need to consider: Scour the 10 11 foundations and make sure that that's addressed in our 12 design. 13 And then other criteria to be regarded: The 14 alignment of the actual roadway, both horizontal and vertical alightment, and the design speed for the 15 16 facility. 17 Right now, I believed it is signed for 15 miles an hour. Then the plan is to, essentially, keep 18 19 that same moving forward. 20 In terms on constraints, the ones that we 21 identified, cost is obviously going to be a driver. 2.2 Constructability of the preferred bridge 23 type. And when we think about constructability, we 24 also have to think about construction access: How are we going to get the foundation locations? Construct a 25

Page 60 1 superstructure? 2 That also, number 3 there, drives into that. The foundation type; not just how to build it, but how 3 4 we get that foundation permitted, where it sits, and what temporary/permanent impacts will be required to 5 build the required foundation. 6 Then we'll get into bridge type. That's the 7 focus of the second Stakeholder Working Group meeting 8 9 that is held. 10 Maintaining access to Wingfield Park and 11 Truckee River. Accommodate pedestrians, both around 12 and underneath the bridge structure. 13 Then we want to be cognizant of the surrounding properties that will be -- access provided 14 by the structures both during construction and the 15 final configured state. 16 17 We want to understand impacts to the flood walls, right-of-way. 18 19 What draining improvements will be required? 20 How will we maintain traffic, primarily 21 during construction? 2.2 Like I said, the plan right now is to maintain the existing traffic patterns in the final 23 24 configured states during construction -- the 25 maintenance of traffic.

Page 61 So these were the design criteria and 1 2 constraints that we thought about from a roadway and 3 bridge-design perspective. 4 We want to open it up to comments/questions for other things that we should be considering as we 5 move through the feasibility study. 6 MS. THERESA JONES: I have a comment. 7 When I worked at NDOT in structures, I was in the bridge 8 inspection section, and the Virginia Street bridge --9 it's a beautiful bridge, but to do the bridge 10 inspection that is required every two years, it's a 11 12 very difficult access to underneath the bridge. It is 13 very difficult to that design. 14 So when you are looking at bridge types, it should probably be kept in mind. 15 16 MR. NEGRETE: So why don't we put that under 17 constraints. We can add that as future biannual bridge 18 inspection. 19 MS. THERESA JONES: Yes. 20 MS. LANZA: A comment to the same thing: 21 Arlington Bride is the place where debris is extracted 22 from the river. The Virginia Street Bridge with its 23 superstructure would not be something that you could get through, you know, and pick it up and put it in. 24 25 That would be something we're looking toward

Page 62 as well. 1 2 MR. NEGRETE: Okay. 3 MS. LANZA: That is kind of the main staging 4 area for getting big debris before it continues 5 downstream. 6 MR. NEGRETE: Okay. 7 MS. LANZA: A superstructure is difficult is the comment for that particular bridge. 8 9 MR. NEGRETE: The Virginia Street one. 10 MS. TORTELLI: Yes, I mean, debris removal, 11 we've had that discussion guite a bit. 12 I think maintaining the ability to remove the 13 debris out of the river during flood events is 14 important. I think we need to hang on to that for 15 this. MR. PENROSE: And before flood events. 16 17 MS. TORTELLI: Right. 18 MR. NEGRETE: Right. Maintenance and during flood events. 19 20 MS. TORTELLI: Yes. You're kind of at the 21 upstream of stuff there where everything gets bottled 22 up, so it is nice to be able to pull that stuff out of 23 the river before you get to Virginia Street where you can't; you're limited. 24 25 MS. LANZA: So the super- -- I'm going to

Page 63 call it the elevation of the bridge, the height of the 1 2 bridge. 3 Of course, all that comes into the pedestrian 4 and accessibility issues too. 5 MR. NEGRETE: Right. 6 MS. LANZA: They can have that visual impact that we discussed earlier. 7 8 MR. NEGRETE: So I want to say that that gets covered on another page, but let's put it up here as 9 10 well. 11 MS. LANZA: And maybe the bridge designers 12 could help me call the term out for that. 13 MR. NEGRETE: Well, that would be the arch. 14 MS. LANZA: Not super elevation. The arch. 15 UNIDENTIFED SPEAKER: The rise. 16 MS. LANZA: The arch/rise. Thank you. So yes. Superstructure depth 17 MR. NEGRETE: or height impacting the visual -- or the viewshed --18 19 right? -- because that goes back to historic comment. 20 MS. THOMASON: I wasn't there for the 21 Virginia Street stuff, so I wasn't sure what it had 2.2 been raised to. 23 MR. NEGRETE: Any other comments on the criteria? 24 25 MS. HILL: I would say under 6, maybe 6A, the

Page 64 maintenance of the park for special events in the park, 1 2 you know, that just seems to be discussed. 3 THE COURT REPORTER: Pardon the interruption. 4 What is your name? MS. HILL: Alexis Hill. 5 6 THE COURT REPORTER: Thank you. MS. LEONARD: Island Avenue access to 7 Arlington is critical for our residents, as well as the 8 condominium parking next door, because we have a 9 parking garage in the back. We need delivery access 10 11 five days a week, six days a week. 12 We already struggle with events downtown and 13 closures at Court Street. So it would impact us to 14 have any sort of closure there at Island Avenue, and 15 any emergency response. 16 For anyone who doesn't know Promenade on the River, we are a retirement community. 17 So it's older people, but they struggle with 18 road closures. But if there is -- it's necessary for 19 them to have always have access down on Island Avenue. 20 21 MR. NEGRETE: Very good. 2.2 MR. MAYES: I don't know if this is the 23 appropriate place, but one thing that concerns me about the current bridge is pedestrian safety, including 24 myself and others with disabilities. 25

Page 65 There's a huge dropoff on the one side, and 1 2 there is only limited wheelchair access on and off of the walkway. So there is just some safety concerns. 3 4 I just want to throw that out there. 5 MR. NEGRETE: That's good. I believe we --6 MR. MAYES: I didn't see it anywhere. 7 MR. NEGRETE: And it's not on the following 8 pages as well. 9 MS. TORTELLI: We don't really have a lot listed under pedestrian and bike use. I think that 10 might be somewhere where we could capture that. Just 11 12 kind of the safety and use and access to the Wingfield 13 Park area. 14 MR. MAYES: It is usually, significantly, with the events down there. 15 16 MS. TORTELLI: Right. 17 MR. MAYES: And I've actually gotten trapped 18 on the walkway, and you can't get off midway. So it 19 just created some safety issues. 20 MR. NEGRETE: Okay. 21 MS. FINIGAN: So we could put that under --22 on the next page. 23 MR. NEGRETE: Yes, it could go there on the 24 next page. We do need to get it down. 25 MS. FINIGAN: Okay.

Paqe 66 MR. NEGRETE: Before we turn the page, is 1 2 there anything else on bridge and roadway design criteria and constraints that are worth jotting down? 3 4 MR. WEGNER: Need to build with truck weight standards. 5 6 MR. NEGRETE: Yes. So that would be under design criteria. You could add a 7 that says: Meet 7 NDOT and AASHTO design standards. 8 9 MR. TRUHILL: I have a question. MR. NEGRETE: Yes. 10 11 MR. TRUHILL: Are we planning to have future 12 accommodations for extra ducts going through the bridge 13 for future fiber or anything else that's going to be 14 needed? 15 MR. NEGRETE: That would actually be a good comment for the last page we get to, under utilities, 16 which is blank. 17 MR. TRUHILL: Perfect then. 18 19 MR. NEGRETE: Trying to the get us to the end 20 already. 21 UNIDENTIFED SPEAKER: Nice job, Travis. 2.2 (Laughter.) 23 MR. NEGRETE: All right. Let's flip to the 24 next page, page 5 of the 11 by 17 handout, right-of-way 25 and access.

1	Page 67 So we've covered a little bit of it. Here on
2	the design criteria side, we wanted to make sure that
3	you understood any potential right-of-way impacts to
4	the adjacent properties, both permanent any
5	permanent acquisition that could potentially be
6	required, as well as any temporary easement that would
7	be required during conduction, as well as maintaining
8	public access to adjacent properties.
9	We have TCEs and then also duration and
10	intensity of adjacent property access during
11	construction.
12	Short-term closures are required for
13	construction or, maybe, full-time access is required to
14	maintain or if there is an alternate access that can be
15	implemented.
16	All need to be evaluated and considered as
17	part of the feasibility study.
18	MR. PENROSE: Where's access to the river
19	channel for maintenance? Should that go on there?
20	MR. NEGRETE: Yes. That would be a good
21	that would be, I guess, put that under criteria.
22	MR. PENROSE: Criteria?
23	MR. NEGRETE: Yes. So future maintenance
24	access for river.
25	MS. KOSKI: What about access for fire for

Page 68 river access to the fire department? 1 2 Didn't that come, Kerri, at the very end 3 of --It did. For river rescue. 4 MS. LANZA: 5 MS. KOSKI: River rescue. That's what I am 6 looking for. MR. NEGRETE: Okay. Is there existing access 7 that needs to be maintained, or do we need to provide 8 9 improved access -- or not me, but request it? 10 MS. KOSKI: Maintained or provided. Well, we provided it on the Virginia Street Bridge. We actually 11 12 provided, so --13 UNIDENTIFED SPEAKER: Isn't there access on 14 the east end there? East of the island. Sorry. 15 They've used the two pedestrian MR. MANN: ramps, the one from Barb Bennett and the one on the 16 east side of the island. But it's not the best access 17 for them. 18 19 MR. NEGRETE: Okay. 20 MR. MANN: Because it wasn't designed for 21 that. It's in and out for kayaks. It's not directly 2.2 adjacent to Arlington. One concern for the maintenance access into 23 24 the river is not to disturb the actual end water 25 Whitewater Park elements when we create that

Page 69 maintenance access. 1 2 MR. NEGRETE: So after 3, can you put: Future maintenance for river, while maintaining --3 4 MR. MANN: I think 3 and 4 could be the same, 5 depending where it's located. MR. NEGRETE: Potentially, yes. I mean, you 6 7 could have dual purpose, but we need to make sure that both needs are met. 8 9 MR. MANN: Yes. 10 MR. NEGRETE: So just do a comma and then: While maintaining existing whitewater futures. 11 12 MR. MANN: Yes. 13 MR. PENROSE: Most of the problems with the Whitewater Park right now are sediment, shoal deposits 14 on the -- pretty much on the downstream side of 15 Whitewater Park. 16 17 So, maybe, the maintenance access could look at it on the downstream side of the bridge. 18 Is this where we would talk about 19 MS. KOSKT: access for removing debris in high-water events, or 20 does that go somewhere else? 21 2.2 MR. PENROSE: Well, I am not sure where it 23 should go. We just need to have access to remove 24 debris. 25 We're in there on an annual basis to keep the

Page 70 river channel relatively clean so we don't have a bunch 1 2 of stuff in the river when we get the flood event. 3 MR. NEGRETE: I'm hearing three types of 4 access: There's the annual maintenance trying to maintain the 14,000 CFS; there's rescue access; and 5 there is during winter when there's a big event, we 6 need to reach over and grab it. 7 MR. PENROSE: 8 Yes. 9 MR. NEGRETE: So we need to cover all three 10 of those. 11 So if you could just say -- I quess do a 5, 12 and then say: Maintain access for winter removals. We can word that better as we work things 13 I think that covers the three main factors there. 14 out. 15 MR. PENROSE: I think that covers it, yes. MR. NEGRETE: In terms of access, we will be 16 looking at access of adjacent properties and impacts to 17 those as we go through the feasibility study. 18 Is there anything specific related to that 19 document here that's not on the screen? 20 21 MR. PENROSE: You know on that rescue 2.2 assess -- I'm not a public safety person, but it might 23 be a good idea to get fire department input because they deal with that all the time. 24 25 MR. NEGRETE: Yes. We wouldn't want to just

Page 71 make an assumption that we're providing access. 1 We 2 would want to reach out to them. 3 MS. KOSKI: When you say "private property 4 access," what are you looking for? 5 MR. NEGRETE: Well, I think that is the adjacent parcels that could be impacted by construction 6 activities, and then just understanding access to the 7 properties that are already there, that we need to 8 maintain the final configuration. 9 10 So there's things about talking like raising the road profile, so that would factor into: Hey, is 11 12 that a feasible option or not? MS. KOSKI: So, basically, we need to 13 14 maintain the access that we have to the properties we 15 have unless there's another route. MR. NEGRETE: We think need to evaluate the 16 existing access that is there. Then look at whatever 17 alternatives are being proposed, and determine what 18 19 that does to those as part of the process. 20 MS. LEONARD: I thought staging was listed 21 somewhere, but I don't know if it belongs here too, as 22 far as how it impacts the right-of-way. 23 Where the construction staging of materials and equipment would be and how it affects the 24 25 right-of-way. It's somewhere on this.

1	Page 72 MR. NEGRETE: Well, we talked more about
2	staging in terms of: How are they going build a new
3	road while maintaining the existing?
4	But then you're bringing up another good
5	point about construction access and staging areas.
6	MS. LEONARD: Yes.
7	MR. NEGRETE: Rather than just the stages in
8	which we build it. Where do they stage it?
9	MS. LEONARD: Correct. What part of north or
10	south of the bridge
11	MR. NEGRETE: If we could just scroll down to
12	access and then under here just say
13	MS. LEONARD: because that's part of the
14	permit.
15	MR. NEGRETE: Yes.
16	So under 5 here, do: Construction staging
17	and access.
18	Any other comments on right-of-way or access?
19	MS. LANZA: I think there is some major
20	drainage inputs there.
21	MS. THERESA JONES: There is a huge culvert
22	on the northeast side of the bridge. Yes, Arlington
23	Bridge. It's a major storm drain outfall.
24	And that probably should be rehabilitated as
25	part of this project, because there's we inspected

Page 73 that when I worked at NDOT several times, and there is 1 2 some issues there. 3 So it's probably part of the as-built plans 4 vou have. 5 MR. NEGRETE: Right. MS. THERESA JONES: I don't know if that was 6 7 on your radar, but that needs some care. MR. NEGRETE: So if we go back up to that 8 first page, engineering designs and constraints. And I 9 think, let's just add an 8 here, and say: Evaluate 10 existing drainage facilities. 11 12 MS. THERESA JONES: Drainage outfalls, yes, 13 at the bridges. MS. KOSKI: I think there is one on both 14 ends, actually. There is one on the other side too. 15 MR. MANN: Yes, there is two of them. 16 They're both on the north wall. 17 18 MR. NEGRETE: One on the upstream and one on 19 the downstream side? 20 MR. MANN: Yes. Then there is the ditch which starts just downstream on the south channel. 21 2.2 MR. NEGRETE: Right. 23 So say: Structures and outfalls. 24 All right. Go back down to right-of-way. 25 MR. STETTINSKI: I don't know where it would

Page 74 fall under. When I look at the bridge lighting --1 2 MR. NEGRETE: Um-hum. 3 MR. STETTINSKI: -- something that is really 4 awesome -- this is the park, it's visible from all sides. 5 6 We tried to do something on the Virginia Bridge, together with the Mayor, actually, and we were 7 not able to because of all the restrictions that the 8 9 bridge has. I wonder whether this is something that could 10 be considered for this one? Really do something that 11 12 enhances the appearance of the bridge to visitors and 13 locals. MS. LANZA: Part of that had to do with that 14 15 106 process and that visual impact stuff. MR. STETTINSKI: 16 I see. Okay. 17 MS. LANZA: So I think it was SHPO. 18 MR. STETTINSKI: It sounds familiar, 19 actually. 20 MS. LANZA: Yes, had some thought on how 21 bright it would be, what color it could be. 2.2 MR. STETTINSKI: Yes. 23 MR. MANN: Given all the special events here, if we can have a lighting system which lights this 24 bridge on both sides through midnight --25

Page 75 MR. STETTINSKI: Absolutely. That would be 1 2 awesome. 3 MR. MANN: -- that would really enhance 4 pedestrian safety. MR. STETTINSKI: Yes. 5 6 MR. NEGRETE: Judy, is that Stakeholder 7 Working Group number 3 discussion? MS. TORTELLI: I would think so. Kind of as 8 9 aesthetics. 10 I mean, we're looking at light, and I think safety is obviously huge deal; right? Anything to do 11 12 with improving safety -- right? -- lighting is one of 13 those. 14 But, again, we'll also have to see -- like I said, the nice part of this is right now we're doing 15 Stakeholder Working Group Meeting 1 where we're 16 defining this criteria. 17 Then we're going to go to these Technical 18 Advisory Committee meetings. We should have a better 19 20 understanding of what restrictions we're going to have 21 from those. 2.2 That can help us for further discussions 23 like: Okay, well, we can put lights or maybe we can't because there is some restriction based on this permit 24 25 that we have to pull.

Page 76 I think the lighting would be part of --1 2 MR. NEGRETE: Specifics on it. I think if you go back up to the first page, under design 3 4 roadway -- for roadway and, I think, more bridge. Over here on criteria, we can have a number 9 5 that just -- we can evaluate superstructure type on its 6 7 ability to accommodate lighting. We don't have to decide on lighting, but we 8 could have that be: Hey, these three bridges can 9 accommodate it and this one can't. 10 11 Superstructure for future lighting -- or 12 evaluating -- or just for lighting. 13 MS. FINNIGAN: Okay. 14 MR. GREENE: So also add to that the impact to the viewshed so we keep that on the radar. 15 16 MR. NEGRETE: Yes. Okay. 17 All right. Move on to bike and pedestrian 18 use. 19 So here, all that we really have down is that we're going to comply with ADA, as well as the public 20 21 right-of-way access guidelines. And also we will be 22 compliant with RTC Bicycle and Pedestrian Master Plan. So that's the overarching kind of umbrella 23 that we have right now. We haven't really delved into 24 specifics for what that means for sidewalk or grades on 25

Page 77 the path or what have you. 1 2 The intent is to be compliant with those guidelines and requirements. 3 4 MS. FINIGAN: Is this where we would add the 5 pedestrian safety? 6 MR. NEGRETE: Yes. MS. TORTELLI: There is little bit of overlap 7 here between -- we have those bridge and roadway 8 9 elements, then we have this bike/pedestrian use 10 category. 11 There is a little bit of overlap. We have 12 pedestrian access listed in the bridge section. But it it's kind of difficult because this 13 14 particular project is a bridge replacement project; it's not a park improvement project. 15 But we do have to be sensitive to the fact 16 that we need to maintain access to the park. 17 So that's kind of a fine line that we just 18 have to walk and see where it goes. We do definitely 19 20 need to maintain reasonable access to the park and keep 21 that going. 2.2 MR. STETTINSKI: And when I talked about 23 lighting, there is actually two -- just thinking about 24 it. 25 Two components; two different kinds of

Page 78 1 lightings that I'm talking about: 2 One is for safety reasons. When I look at bike paths or pedestrian, yes, there needs to be 3 4 adequate lighting along the bridge so that it's safe for people at night to pass, whether it is on a bike or 5 on foot. 6 But I'm also looking at lighting for the 7 bridge itself. This is the next component. 8 9 MS. TORTELLI: To kind of highlight it. MR. STETTINSKI: Right. So both of them 10 11 would be important to me. 12 MR. L'ETOILE: On the -- in looking at the 13 bridge, the structure, and the ability for it to have a aesthetic features that are architecturally added, 14 there are sign criteria that need to be considered in 15 the bridge itself like loading and unloading and things 16 17 like that. MR. NEGRETE: So I think that might fall 18 under number 1 here where we have NDOT and AASHTO 19 20 design standards. 21 And we can put on there, we'll meet those 22 standards for load-carrying capacity. 23 Is there something more specific we should 24 put? MR. L'ETOILE: I was thinking if there are 25

Page 79 1 other elements to enhance the bridge architecturally 2 that add weight and loading to it, can we have that -does that need to be added as a criteria or not? 3 4 MR. NEGRETE: Yes, I think we could. And I think that would fall out of, again, the Stakeholder 5 Working Group 3 meeting, where we get into more 6 specifics on what some of those features might be; 7 whether it is a monument or it's just a surface finish. 8 9 That, yes, definitely needs to be 10 accommodated. 11 So let's -- can you add a 10 that says: 12 Evaluate superstructure for potential architectural 13 treatments; potential features. 14 MR. L'ETOILE: Yes. 15 MR. NEGRETE: Perfect. 16 Anything else on bike and ped use? 17 (No response.) All right. So then if we scroll down a 18 little further to land use. 19 20 The intent here is to be compliant with their 21 -- compatible with all the local and regional plans 2.2 that we're aware of. This is a list of five of them that we've 23 identified: Reimagine Reno, Washoe County Master Plan 24 25 for Land Use and Transportation, that Bike and Ped

1	Page 80 Master Plan by RTC, Complete Streets Master Plan by
2	RTC, and the 2012 Truckee Meadows Regional Plan.
3	Then we had some notes here just commenting
4	that we're really not expecting to change any current
5	or future land use patterns in the area, and we're
6	continuing to support and provide access to the
7	recreational areas along the river.
8	MS. HARSH: Are we is the Truckee River
9	Corridor Plans still operational or is that
10	incorporated?
11	UNIDENTIFED SPEAKER: Incorporated in
12	Reimagine Reno.
13	MS. HARSH: Okay. And also the Streetscape
14	process?
15	UNIDENTIFED SPEAKER: The Streetscape Master
16	Plan was just readopted by Council last meeting two
17	meets ago. So there's a new plan for the downtown
18	corridor for downtown.
19	MS. KOSKI: And the Streetscape Master Plan
20	does not include bridges.
21	UNIDENTIFED SPEAKER: Okay.
22	(Inaudible crosstalk.)
23	MR. NEGRETE: Well, what if there is a
24	roadway between two bridges that's being improved?
25	MS. KOSKI: The area went to First Street.

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Page 81 MR. NEGRETE: Okay. 1 2 MS. KOSKI: I believe. 3 MR. NEGRETE: Okay. Got it. 4 MS. KOSKI: Never checked, but I don't believe -- it's not in between. 5 6 MR. NEGRETE: Got it. MS. THOMASON: I am not for sure. I think 7 8 there might be a plan with the Truckee River. Is anybody familiar with that? 9 UNIDENTIFED SPEAKER: There is. 10 11 MS. THOMASON: They have a plan as well that 12 has to do with access along the river and that sort of 13 stuff. I'm just not familiar enough to know of it, other than that it exists. 14 15 MR. NEGRETE: Okay. 16 MS. THOMASON: That would be another Stakeholder Working Group. 17 18 MR. NEGRETE: So then add a -- perfect. UNIDENTIFED SPEAKER: Alex, do you know if 19 20 the Downtown Action Plan includes this area? 21 MR. STETTINSKI: That a good question. I 2.2 was -- I'm not quite sure. I was thinking about it 23 right now to see whether that plan should be added or whether -- it's not part of Reimagine Reno? 24 25 UNIDENTIFED SPEAKER: No.

Page 82 1 MR. STETTINSKI: It's a separate one; right? 2 MR. NEGRETE: What's the name of that plan? 3 UNIDENTIFED SPEAKER: Downtown Action Plan. 4 MR. NEGRETE: Downtown Action Plan. 5 You want to just add a comma: Downtown Action Plan. 6 MS. TORTELLI: I kind of feel like we should 7 8 include the Downtown Streetscape Master Plan. Just in terms of --9 10 One thing that we kind of -- as the project team was kind of thinking about aesthetic themes is: 11 12 Okay, well, what are we going to do for aesthetic 13 themes on these bridges? Are we going to try to match 14 the downtown area? Are going to try to create some special theme? Are we going to try to match Virginia 15 16 Street? 17 I think one of the things that we had talked about is that we would look at the Downtown Streetscape 18 19 Master Plan, and use that as the area to go off of. 20 Then it's also -- depending on the limits of 21 what the footprint of our bridge is going to be, we may 2.2 be getting out on First Street to the east a little 23 bit. 24 What do you think? 25 MS. KOSKI: There would definitely be some

1	Page 83 Page 83
2	MR. NEGRETE: Yes.
3	MS. KOSKI: There definitely would.
4	MR. NEGRETE: That would be good to have.
5	MS. TORTELLI: So let's add it.
6	MR. NEGRETE: Okay.
7	MS. KOSKI: You could add it, but it's not
8	required.
9	MS. TORTELLI: It's not something we have to
10	meet; right? Some bridges as what's noted, the
11	bridges are not part of that Downtown Streetscape
12	Master Plan.
13	MR. STETTINSKI: Yes. At least indirectly,
14	it's absolutely included.
15	MS. TORTELLI: Okay.
16	MR. STETTINSKI: So I would add plan. That
17	plan came out also in 2017.
18	MR. NEGRETE: Okay.
19	UNIDENTIFED SPEAKER: I was going to add to
20	that too.
21	The Downtown Streetscape Plan, I think it
22	stops short of the bridges. There are lighting and
23	things that you're going to see from the bridge, and
24	there is different lighting along the river.
25	So just from a standpoint of what's the whole

Page 84 package of elements that you would see from there, it's 1 2 good to look at it just from the whole big picture of what you are going to see from the new bridge that is 3 4 selected. MS. FINIGAN: So should I move the Downtown 5 6 Action Plan to the list of plans? MR. NEGRETE: I think that's fine. 7 MS. TORTELLI: That's fine. 8 UNIDENTIFED SPEAKER: There's also the 9 Sustainability Plan for the City of Reno. It is not 10 regulatory, but it has been adopted and fresh in the 11 12 mind of the City Council. 13 MR. NEGRETE: Okay. So Sustainability Plan. 14 (Inaudible crosstalk.) 15 MR. NEGRETE: City of Reno Sustainability 16 Plan. 17 MS. FINIGAN: Yes. Any particular place? 18 MR. NEGRETE: Anywhere. 19 MS. FINIGAN: After Reimagine Reno? 20 MR. NEGRETE: Sure. 21 MR. STETTINSKI: So my recommendation would 22 be to put the Downtown Action Plan underneath the City 23 of Reno Sustainability Plan, because it is also a City 24 of Reno plan. 25 So then you have the three plans. You can

Page 85 actually put in parenthesis: City of Reno 2017. Like 1 2 you did for Reimagine Reno. 3 MS. FINIGAN: Okay. 4 MR. NEGRETE: Any other plans to plan for? 5 (Laughter.) 6 UNIDENTIFED SPEAKER: It is not really a plan, but a zone code. So back on side number 1, I 7 think it was. It said that a special use permit is 8 9 required. 10 Does anybody know what the trigger was for 11 that? 12 MR. GREENE: No. There was no specific 13 trigger, just something that we identified. 14 UNIDENTIFED SPEAKER: Just wanted to do it for fun? 15 16 (Laughter.) 17 MR. GREENE: No. Definitely not. Just wanting to put it out there. If it's something we need 18 to deal with, we'll plan for it. 19 20 UNIDENTIFED SPEAKER: We didn't do one for 21 Virginia Street. 2.2 MR. GREENE: Okay. 23 UNIDENTIFED SPEAKER: The only thing I can think of is there is a reference to the Truckee River 24 -- protection of the Truckee River. 25

Page 86 (Inaudible crosstalk.) 1 2 MS. LANZA: I think the bridge project triggered one because of the access that was being 3 4 built with the step-down plaza. (Inaudible crosstalk.) 5 MS. LANZA: For the Virginia Street Bridge? 6 UNIDENTIFED SPEAKER: Yes. It went to 7 council, but not as a special use --8 9 MS. LANZA: Okay. 10 (Inaudible crosstalk.) 11 MS. TORTELLI: That's okay. I think Ken can 12 capture that, and we can keep going. MR. NEGRETE: Okay. Well, we're almost 13 14 there. 15 MS. TORTELLI: She can make a note. 16 MR. GREENE: So should we hang on to it? 17 MS. TORTELLI: Yes. Confirm that we really need it. 18 19 (Inaudible crosstalk.) 20 MR. NEGRETE: So right here: Confirm if 21 required. 2.2 MS. TORTELLI: Yes. 23 MR. NEGRETE: So here is the list of plans. 24 Anything else before we go on to the next 25 category?

Page 87 1 (No response.) 2 All right. So now on to traffic. Under traffic, this was just kind of a synopsis of what we 3 4 did during the preliminary evaluation where we looked at the way the current lanes on Arlington are, we have 5 one through lane in each direction with a center turn 6 7 lane. Then we evaluated that traffic configuration 8 for current demands, as well as the demands at 2040. 9 10 What we determined was that, you know, we came up with an average daily traffic of 10,900 11 12 vehicles. 13 Essentially that the -- with these traffic 14 patterns, we can accommodate 2040 traffic patterns with the lane configuration out there. 15 That's the summary of this section. We are 16 not seeing a decrease in traffic performance with the 17 18 future design. 19 MS. LANZA: I'm thinking of traffic -- and someone already mentioned the loading, but -- and I 20 21 don't know what that criteria is at all. 2.2 I know that in addition to that, we have had 23 people -- Theresa and Travis, we've had houses being tried to move across the bridge. 24 25 Like Virginia Street Bridge, bringing in a

Page 88 light rail thing, rapid, you know, so there was some 1 2 weight for that vehicle that was going to be on there. 3 So I just wanted to emphasize that. I kind 4 of view that as traffic weight. I guess I would like to add: 5 MS. TORTELLI: Based on comments from our public meeting, I referenced 6 those comments that kind of fell within this traffic 7 8 category. The majority of those comments were in 9 reference to emergency vehicles; making sure that 10 emergency vehicles can access both the Whitewater Park 11 12 and the Wingfield Park area. 13 Then also, I would assume, access back to 14 Island Avenue to get back there. 15 MR. NEGRETE: And I think in terms of moving a house across the bridge, we have the design loading 16 of what AASHTO would prescribe and NDOT's adopted. 17 18 If there is anything that exceeds your normal 19 permit loads, then whoever's trying to drive that over 20 there, hopefully reaches out to the Department. 21 Then, Troy, your office would essentially 2.2 evaluate that and determine if a permit could be issued 23 or not for the special loading. 24 MR. MARTIN: Yes. That was an issue that 25 came up in trying to get those evaluated: If they

Page 89 configure or consider that far enough in advance. 1 2 You know, it's like how easily you can just overdesign the bridge for some things. 3 4 MS. LANZA: Having brought that comment forward, I'm not saying that we should spend millions 5 of dollars so somebody can move their house across it. 6 But it shouldn't be less than. 7 8 MR. MARTIN: Right. 9 MR. NEGRETE: Right. That goes back to Dale's comment earlier about meeting AASHTO standards. 10 11 In terms of light rail on Virginia Street, I mean, was there --12 13 Troy, do you know, was there special 14 vehicular loading that they had to do? 15 MR. MARTIN: Yes. 16 MR. NEGRETE: Okay. And are there plans for light rail or street cars or any other types of 17 18 non-standard highway vehicles that are being planned for Arlington Court that should be accommodated with 19 20 this project? 21 MS. LANZA: Not that I know of. I thought 2.2 RTC was the one driving the last discussion. 23 MR. MORENO: We have done a feasibility study 24 for a street car, and it is very expensive. We just don't have the density for a street car or light rail 25

Page 90 at this time. 1 2 Doesn't mean that it can't happen in the far, distant future. But as we did the 2050 Regional 3 4 Transportation Plan update this year, I expect that that discussion will resurface. We will probably dig 5 6 up our old analysis and see how it goes. 7 MR. NEGRETE: Is that something we want to carry forward in the evaluation process? Whether or 8 9 not loading should be considered? 10 MS. TORTELLI: I mean something we can do is just add in the notes that we'll kind of be cognizant 11 12 of keeping track of that 2050 RTP update and what kind 13 of things are in there and what potentials there are that we may need to design for moving forward. 14 15 MR. NEGRETE: Okay. 16 It is kind of a good opportunity that they are doing that now, and now we're doing this now. 17 So we can just consider the RTP update. 18 Yes, sir? 19 20 MR. MARTIN: Yes. There is one thing that 21 has come up with an issue on another project that is 2.2 kind of along this is the electric buses. So I don't 23 know if you actually want to --24 MS. TORTELLI: And that's something --25 MR. MARTIN: -- maybe put that as a special

Page 91 vehicle, if you want to take a look at. 1 2 MS. TORTELLI: Yes. That's something that we're already going to look at is the buses and the bus 3 4 loading out to 2040. The design life of the roadway, even though 5 the bridge design is going to be longer than that. 6 What routes do we have anticipated on the 7 bridge, and what kind of buses do we plan to run. 8 9 We should probably consider heavier, 10 electric-type buses. 11 MR. NEGRETE: So just update including --12 MS. TORTELLI: Consider future bus types --13 RTC bus types. 14 MR. NEGRETE: Yes? MS. HARSH: Point of clarification: So what 15 we're talking about is low capacity. So are we -- do 16 we have the low capacity on Virginia Street Bridge at 17 this time for the street car and the for moving bridges 18 -- I mean, moving houses? 19 20 MR. MARTIN: I think the street car was a 21 special design that they considered. Something like 22 the house probably wouldn't even have clearances for 23 the RTC --24 MR. WEGNER: Right. Just have a design your 25 trailer to carry --

Page 92 1 MS. HARSH: So was it implemented into the 2 Virginia Street Bridge as far as the street cars? 3 MR. WEGNER: Yes. 4 MS. HARSH: Okay. And electric buses? 5 MR. WEGNER: No. Well, below? 6 MS. HARSH: 7 MR. MORENO: Yes. Because we will be extending our rapid Virginia line in 2021 from 8 Meadowood to Virginia Street to UNR. 9 10 Low capacity is there now. 11 MS. KOSKI: Aren't the electric buses lighter 12 than the bendy buses? 13 MR. MORENO: Yes. MS. TORTELLI: Yes, they are lighter than the 14 articulated buses. 15 16 MR. NEGRETE: I like that name, bendy buses. I didn't know what a bendy bus was until you said 17 18 something. 19 (Laughter.) 20 MR. MORENO: The accordion buses. 21 MS. KOSKI: That's an engineering term. 2.2 I want to ask a question about the traffic 23 model. So are we going to have a new -- I think, the 24 RTC has talked about a new traffic model or an updated 25 model for the downtown area.

Page 93 1 MR. MORENO: Yes. That is part of the 2050 2 RTC program. 3 MS. KOSKI: So I'm thinking we may want to 4 incorporate that also into this because of the changes that we are seeing in the density and such downtown. 5 It's -- I mean, I can see how it, you know, 6 7 the average -- I can see what the 2040 plan had, but I 8 suspect that that's going to change. MS. TORTELLI: We'll have to see what -- and 9 that's something that I can coordinate with through our 10 11 Planning Department -- the status of that 2050 update 12 is. 13 It takes the whole year to get through that. 14 MR. MORENO: Yes. MS. TORTELLI: So I don't know where the 15 16 status of the modeling is going to fall. It may not be 17 to a point where we can actually utilize it to finish 18 this feasibility study. 19 But it is something that I think we should definitely check and be cognizant of. Maybe the 20 21 modeling will be far enough along that we could use 2.2 those numbers for the feasibility -- to finalize the 23 feasibility study. 24 MR. NEGRETE: Well, my understanding of the 25 analysis that was done is that really what it showed

Page 94 was that traffic over the bridge was constrained by 1 2 Arlington where we say here, north and south of the 3 river. 4 So, you know, volumes can only get so high with the street layout that we have. 5 6 All right. Moving on. 7 Our big blank spot. So is there a potential to carry future utilities --8 9 MR. TRUHILL: Correct. 10 MR. NEGRETE: -- is the question. 11 So then we should have under design 12 constraints: Consider future utility crossings. 13 Is there anything specific you have in mind, 14 like something that you know will be coming in 20 years that we need to accommodate? 15 16 MR. TRUHILL: The only thing that I can think of off the top of my head is fiberoptic for 5G networks 17 that they are trying to plan for downtown. 18 MR. NEGRETE: It's not a 42-inch water main? 19 20 MR. TRUHILL: No. Nothing that I know of 21 vet. 2.2 MS. KOSKI: Not to say that they wouldn't. 23 MR. TRUHILL: Right. 24 MS. KOSKI: They might have those in their 25 plans.

Page 95 MR. TRUHILL: Right. 1 2 MS. TORTELLI: Yes. Something that we need to reach out to them and see. 3 4 MS. KOSKI: Maybe NV Energy, gas, and water? 5 MS. TORTELLI: Yes. 6 MS. KOSKI: I can't see any sewer. We don't 7 really have any sewer needs. 8 MR. MANN: Or wants. 9 MS. KOSKI: Or wants, yes. 10 MR. NEGRETE: Putting a pipe over the Truckee River, what could go wrong? 11 12 MS. KOSKI: Fiberoptic is a big one. I want 13 to highlight that and double underline it. 14 MR. NEGRETE: Bold and extra-large font. 15 MS. KOSKI: Yes, because we need to get them 16 engaged early on in the process. And then if they require rights; right? 17 MR. TRUHILL: 18 Indeed. 19 MS. KOSKI: That is a big deal. 20 MR. NEGRETE: Check with NV Energy and other 21 utility companies. 2.2 MS. KOSKI: Yes. 23 MR. TRUHILL: The route would carry the big players facility, Verizon and Sprint. I can't remember 24 the others ones that are trying to develop -- put the 25

Page 96 fiber downtown. 1 2 MS. KOSKI: Who was the T-Mobile one? 3 MR. TRUHILL: That was a third party they 4 had, and I don't remember who it is now. AT&T is a big 5 one. 6 Those are some of the bigger ones who have contacted the city for future location. 7 MS. KOSKI: And the City may also want to 8 have additional contracts for future fiber for 9 10 roadways. 11 MR. NEGRETE: Yes. 12 MR. TRUHILL: Well, even traffic signals. 13 MR. NEGRETE: Put down the City of Reno. MR. MANN: And there is that big stormdrain 14 underneath the Truckee River lane. The existing 15 stormdrain I think we under there. 16 17 MR. NEGRETE: Is that a concrete ditch or something different? 18 19 MR. MANN: No. It's a stormdrain. It's on 20 the north end. 21 MR. NEGRETE: Okay. 2.2 (Inaudible crosstalk.) MS. TORTELLI: So I think we should add --23 just put a another item that says: Prior rights. 24 25 MR. MANN: Yes.

Page 97 1 MS. TORTELLI: Right there is fine. 2 MS. KOSKI: How about additional utilities for electric and park access? 3 4 MR. MANN: We will want extra conduit for park and water and irrigation and utilities. 5 We have it in there now. 6 MS. TORTELLI: Anything else? 7 8 So, you know, as we kind of went through all 9 these discussions, Lyn's been trying to document everything. 10 11 I had kind of intended to kind of go back and 12 look through everything and make sure that everybody 13 agreed with what we have. But I think we've had pretty good discussion, and I think we've documented things 14 well enough. 15 16 So I don't think we need to spend any time doing that. 17 I'm trying to be cognizant of everyone's 18 19 time. Late in the afternoon; right? 20 MS. LANZA: Judy, I have a comment that I 21 just kind of wanted to get out. 2.2 As we get into the bridge-type selection. 23 MS. TORTELLI: Yes. 24 MS. LANZA: Can anyone think of any reason 25 why we would need to think of having a movable bridge

Page 98 in this scenario? 1 2 Because then I'd have other comments too. You know, considerations. 3 4 We don't love them, and I don't think that it 5 would really be a part of the Sustainability Plan that was mentioned, the utilities, they're expensive. 6 7 UNIDENTIFED SPEAKER: Wait. What is a movable bridge? 8 MS. LANZA: Those, you know, like, sometimes 9 you see them in the Bay Area. They lift at the bottom, 10 and people have to operate them. 11 12 MS. TORTELLI: So I don't think any moveable 13 bridges have ever come up. Have they? MS. KOSKI: Well, they did on Virginia 14 15 Street. MS. TORTELLI: I mean for this one. 16 17 MR. NEGRETE: Well, I think that was flood 18 conveyance. Flood conveyance or was that for something different? 19 20 UNIDENTIFED SPEAKER: Yes. 21 MR. NEGRETE: So if there is a design event 2.2 coming, you need to look at the bridge to do that. 23 MS. LANZA: They were looking at not having any piers. But, anyway, I'm just kind assuming that's 24 25 not part of this process.

Page 99 1 MR. STETTINSKI: No, I don't believe so. Ι 2 don't see any reason why it should be moveable. 3 MS. LANZA: People love them, though. I'm 4 just saying the public will come out and say, let's do a removable bridge; it will look good. 5 6 MS. TORTELLI: I can't imagine we would add a movable bridge into our alternatives. Can you? 7 MS. KOSKI: I think that it might be an 8 9 option for some people. 10 However, I think the historic piece may come into play with the -- what do they call that? 11 The 12 visual --13 MS. TORTELLI: The viewshed of the area. 14 MS. KOSKI: There are definitely historic structures surrounding these bridges. So that is 15 16 something that we will have to keep in mind. MS. TORTELLI: Okay. 17 18 MR. NEGRETE: If we could meet the design 19 hydraulics capacity without a movable bridge, I don't 20 think there is any reason to consider that. 21 MS. TORTELLI: Maybe, just cost; right? 2.2 MR. NEGRETE: Yes. 23 MS. LANZA: Right. I think it will come out 24 of the options. Just you're going to get a lot of 25 comments.

Page 100 1 Well, we got a lot of comments. 2 MS. TORTELLI: Okay. Great. Thank you for that advanced notice. 3 4 MR. L'ETOILE: Are we looking at just two 5 separate bridge replacements or the area in between as 6 this project? MS. TORTELLI: Well, that's going to kind of 7 8 get into bridge types. That's when we get into our 9 second Stakeholder Working Group meeting. 10 I mean, the alternatives that we presented to 11 the public back in December of 2019 included both two 12 separate bridges -- replacing two separate bridges, but 13 also kind of looking at an elevated bridge type that went across the whole area, but had kind of a 14 dirt-bound buildup in the middle. 15 16 MR. L'ETOILE: So based on that bridge-type 17 selection, if there is one that spans over, that is one 18 thing. 19 If it's the other way, where it's two separate bridges, are we still looking at an 20 21 opportunity to do something that's not in between them 2.2 as far as looking at that whole are as a design, not 23 just two separate bridge replacements? 24 MS. TORTELLI: We'll have to look at that and 25 see what we could -- I don't -- we haven't done a lot

Page 101 of design for the bridge alternatives that we have. 1 2 We have to look at the elevation of them and what we can work with and how can we get down -- access 3 4 to the park. Access to the park is going to be key. But I think these discussions about that will 5 come out of our next Stakeholder Working Group meeting 6 when we're focused on the bridge types. 7 8 MR. L'ETOILE: Okay. 9 MS. TORTELLI: Okay. 10 UNIDENTIFED SPEAKER: That's your homework for next meeting, John. 11 12 MR. L'ETOILE: Thank you. 13 MS. TORTELLI: We all have homework. 14 So I just wanted to kind of touch on our next steps moving forward. Like I said, we're in the 15 process of defining who's going be members of these 16 Technical Advisory Committees. 17 We will be having those two meetings that I 18 19 referenced earlier in March and April. 20 Our second Stakeholder Working Group meeting 21 is tentatively planned for April 30th. 2.2 I will send everybody -- all of the 23 Stakeholder Working Group members, I will send you out an invite to these meetings, just so we can get them on 24 your calendar. 25

Page 102 1 We will try to hold those dates, but right 2 now, they are kind of tentative. 3 So the third Stakeholder Working Group 4 meeting is planned for July 2nd; it's the Thursday before the 4th of July weekend. 5 Our City of Reno Council and RTC Board 6 meeting is in July. A public information meeting in 7 8 August. Then we will go back to the City of Reno 9 Council and RTC Board in October. 10 11 Then we will be kicking off the design and 12 construction 2021 to 2026. 13 So I did leave some of my business cards up 14 there. All you guys have my email address. Feel free to reach to me about any questions or comments that you 15 16 may have. 17 You can always visit rtcwashoe.com and search Arlington Avenue. I will continually update materials 18 on that website, and we will add all of the Stakeholder 19 20 Working Group members to our internal list, which you 21 get kind of an email blast automatically when 22 information is updated. 23 So with that, I would like to invite anybody that would like to make a public comment that's not 24 part of the Stakeholder Working Group, now is an 25

Page 103 opportunity if you would like to say anything. 1 2 Those members that are not a part of the Stakeholder Working Group want to say anything? 3 4 MS. HARSH: I'll say something: Thank you so 5 much for allowing us to be here and part of the discussion. 6 Thank you. 7 MS. TORTELLI: Um-hum. I appreciate your 8 quys's input. Do we have the action items, other than 9 figuring out what our bridge that spans across the 10 11 whole thing is going to look like for the next meeting? 12 (Laughter.) MS. TORTELLI: For my team, did we note any 13 14 action items that we need to capture here? 15 Potentially, some of the things MS. FINIGAN: that were in the notes, and the section that Ken went 16 through and Matt went through, there are some 17 considerations, maybe, for action items. 18 19 MS. LANZA: I thought that ordinary high water mark thing that was mentioned --20 21 MS. TORTELLI: I agree. I think we should --2.2 can you make a note about that, Ken? 23 You know, Jennifer talked about that ordinary high water mark, and I think we should kind of resolve 24 25 that. How we're going to deal with that moving

Page 104 forward. 1 2 MR. GREENE: Yes. 3 MS. FINIGAN: And I think who the lead would 4 be to --5 MS. TORTELLI: Yes. Lead agency. Lead 6 agency needs to be defined. It's an important piece of 7 information. MS. HARSH: Judy, could we also, while we're 8 9 hitting the high water mark, get the capacity for the hundred-year flood that's existing right now at that 10 11 bridge. 12 MS. TORTELLI: I believe we have that 13 information already from the Truckee River Flood 14 Management Authority. 15 MR. PENROSE: We do. MS. LANZA: Confirming whether the bridge was 16 17 eligible for the historic register. 18 MS. TORTELLI: Right. 19 MS. LANZA: Because it can change the whole 20 process if we got so far --21 MS. TORTELLI: It makes a big difference; 2.2 doesn't it? 23 Okay. Any other action items? 24 MR. GREENE: Should we send around an updated 25 list of criteria and constraints that we talked about

Page 105 for everybody to look at, or are we okay with what 1 2 we've done and just carry that forward to the next meeting? 3 4 MR. TRUHILL: Carry forward. 5 MS. TORTELLI: Would you guys want to review 6 it, or do you want us to just move forward with what 7 we've done here today? Move forward. 8 UNIDENTIFED SPEAKER: 9 UNIDENTIFED SPEAKER: I say move forward and maybe send out the updated versions. 10 11 MS. TORTELLI: Yes, I will. I'll post it on 12 the website, and I'll probably -- once we get the 13 transcript from the meeting, I'll post that on the website. That kind of stuff I'll put up on the 14 website. 15 16 So I would like to make sure, I guess, just kind of in closing, I'd like to say thank you all for 17 18 attending. I think we had some really good discussion 19 and got some really valuable feedback here today. Ι appreciate it. 20 21 Like I said previously, our next Stakeholder 22 Working Group meetings maybe a little bit more --23 require a little bit more discussion, may be a little bit more contentious, especially when we're talking 24 about bridge types. It's just kind of the nature of 25

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   what it is; right?
              Please make sure if you didn't sign in at the
 2
 3
    sign-in sheet, that you do sign in so that we have your
    contact information and we know that you attended.
 4
 5
              And with that, feel free to go. Thank you
 6
    for spending time here today.
               (Meeting concluded at 3:36 P.M.)
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Page 107 1 STATE OF NEVADA ) ) ss. 2 COUNTY OF WASHOE ) 3 I, BRANDI ANN VIANNEY SMITH, a court 4 5 reporter, do hereby certify: That on Thursday February 6th, 2020, at the 6 hour of 1:00 P.M. of said day, at the Regional 7 Transportation Commission, 1105 Terminal Way, Reno, 8 Nevada, a meeting was held, namely: Stakeholder 9 10 Working Group #1 Meeting. 11 That the meeting was taken in verbatim 12 stenotype notes by me, a court reporter, and thereafter 13 transcribed into typewriting as herein appears; 14 That the foregoing transcript, consisting of pages 1 through 106, is a full, true, and correct 15 16 transcription of my stenotype notes of said public comment, to the best of my knowledge, skill and 17 18 ability. Dated at Gardnerville, Nevada, this 13th day 19 20 of February, 2020. France ASunt 21 2.2 BRANDI ANN VIANNEY SMITH 23 24 25

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