Belmont Bridge Replacement
April 4, 2018 Steering Committee

AGENDA

• Overview of Project Schedule
• Preliminary Design Update
• Review of Public Hearing Content and Format
• Committee Comment and Discussion
• Public Comment

Steering Committee #6
Where We’ve been...

Where We’re Going.....

Next Steps

May 24  Design Public Hearing
June –July  City Council
August  VDOT Design Approval
TBD  Final BAR Presentation
Jan 2019  Authorization: Begin ROW Acquisition Phase
Late 2019 Advertise Invitation for Bids
Spring 2020  Construction Begins (Anticipated 24 months)
Approved Conceptual Plan
Approved Conceptual Roadway Sections

Looking North on 9th St. from Graves St.

Looking North on 9th St. on Belmont Bridge

Looking North on 9th St. from North of Bridge
Preliminary Design Update
Environmental and NEPA

- Federal funding requires an Environmental Document in accordance with the National Environmental Policy Act (NEPA)
- Project qualifies as a Categorical Exclusion (CE)
- Project determined to have no adverse effect.
- CE must be approved prior to hearing advertisement
- Documents project impact to historic resources (6f), public lands (4f), wetlands, threatened or endangered species and environmental justice.
Urban Design and Roadway Design
Current Roadway Design Sections (1 of 2)
Urban Design - Pedestrian Plaza and Underpass

- STAIRS
- BENCH, TYP.
- STAMPED CONCRETE CROSSWALK
- BIOFILTERS
- SCORED CONCRETE PLAZA
- ACCESS TO PEDESTRIAN UNDERPASS

9TH STREET

GARRETT ST

LEVY AVE

GRAVES ST

BIOFILTERS

SCORED CONCRETE PLAZA

PEDESTRIAN UNDERPASS BELOW

ACCESS TO PEDESTRIAN UNDERPASS
Right of Way Impacts

- 2 Private Parcels requiring fee simple right of way and easement
- Swap existing aerial bridge easement for new aerial bridge easement
- Evaluating need for easement for Ferguson access improvements to 6th Street and temporary parking lot on Avon Court, LC.
- Negotiations and valuations cannot begin prior to Design Approval and NTP

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Overview of Public Hearing Content and Format
What’s a Public Hearing?

- Required based on Federal Funding
- Opportunity for comments
- All comments must be addressed and/or resolved
- VDOT and FHWA approval required of design
Belmont Bridge Replacement Project Public Hearing

Plan View
Belmont Bridge Replacement (Route 20)

Public Hearing - May 24, 2019

City of Charlottesville Neighborhood Development Services

Legend

Contact Information

Written comments may be sent by email to:
JRPark@charlottesville.org

E-mail comments may also be sent by:
JRPark@charlottesville.org

Visit City of Charlottesville Website for more information

Imagery Courtesy of the Commonwealth of Virginia
Current Roadway Sections

Looking North on 9th St. from Graves St.

Looking North on 9th St. from North of Bridge
Railroad Fencing

Cable Net – 98% Transparency

Section

View From Bridge Sidewalk
Railings: Bridge Parapet and Approaches

2"x 4" Elliptical leaning rail on ½" tapered steel bar stanchions mtd. to embed plate in parapet wall
Railings: Stairs, Ramps, and Mezzanine (1 of 2)

Perspective from Landing

Perspective from Water Street
Railings: Stairs, Ramps, and Mezzanine (2 of 2)

Stock stainless steel tube and cable mesh system

Axon of Railing and Brackets

½" stl bar ptd. w/ railing and mounting brackets to be fabricated

Stock 'Jakob Rope System' w/ Frame
Lighting Types

- Recessed Wall Fixture at Parapet
- Recessed Handrail Fixture
Lighting (2 of 2)  Site and Accent

Perspective Views

Rendering – From Mall Looking South East – Railing Light

Pedestrian Light (CP-FGP)
Walls  Formed Precast

Precast Concrete: Modular Panel System

Blue Ridge Mountain Outcropping

Intermittent Shadows Produced by Convex / Concave Faceted Panels
Urban Design - Site Furnishings & Materials

Landscape Forms
Multi-CITY Bike Rack

Forms & Surfaces
Dispatch Trash Receptacle
Litter and Recycling Available

Concrete Seat Wall

Stamped Concrete Crosswalks

Landscape Forms
FGP Backed Bench
6' Length

Omaha Tan
5084

Scored Concrete Sidewalk

Asphalt Paving
Steering Committee Discussion
Public Comment
Thank you!
Reference slides
Railroad Fencing 3D Rendering

3D Rendering – Looking East from Water Street