

Downtown Access Project Update

August 2, 2023



Submitted at Meeting
Date: 8/2/2023 Item: 30
By Ryan Wheeler

Project Location



Purpose

The purpose of the Downtown Access Project is to address bridge deficiencies, outdated design, and congestion to increase the efficiency of the movement of people, goods, and services on the freeway as well as revitalize and reconnect the community.



Need

Improvements are necessary to address the following needs:

- 1) Aging bridges
- 2) Short weave/merge distances and closely spaced ramps, and
- 3) Unacceptable delays caused by increased traffic volumes on a freeway structure that has never been widened in a City that has grown 1,000% since 1968.



Goals

In addition to the needs, several goals were identified that further aid the development and evaluation of alternatives. They reflect topics important to the public, stakeholders, and agencies.

RESTORE Community	ADVANCE Sustainability
<ul style="list-style-type: none">• Improve Neighborhood Multimodal Mobility• Reconnect Neighborhoods• Enhance Public Health and Wellness	<ul style="list-style-type: none">• Improve Human and Natural Environment• Improve Infrastructure Resiliency• Support Economic Growth

Project Elements

- Fix ramp spacing between I-15 and US 95 east of the Spaghetti Bowl
- Addition of one general purpose lane and one HOV lane
- Community enhancement area
- Improved bicycle/pedestrian mobility in the area
- Landscape and aesthetics

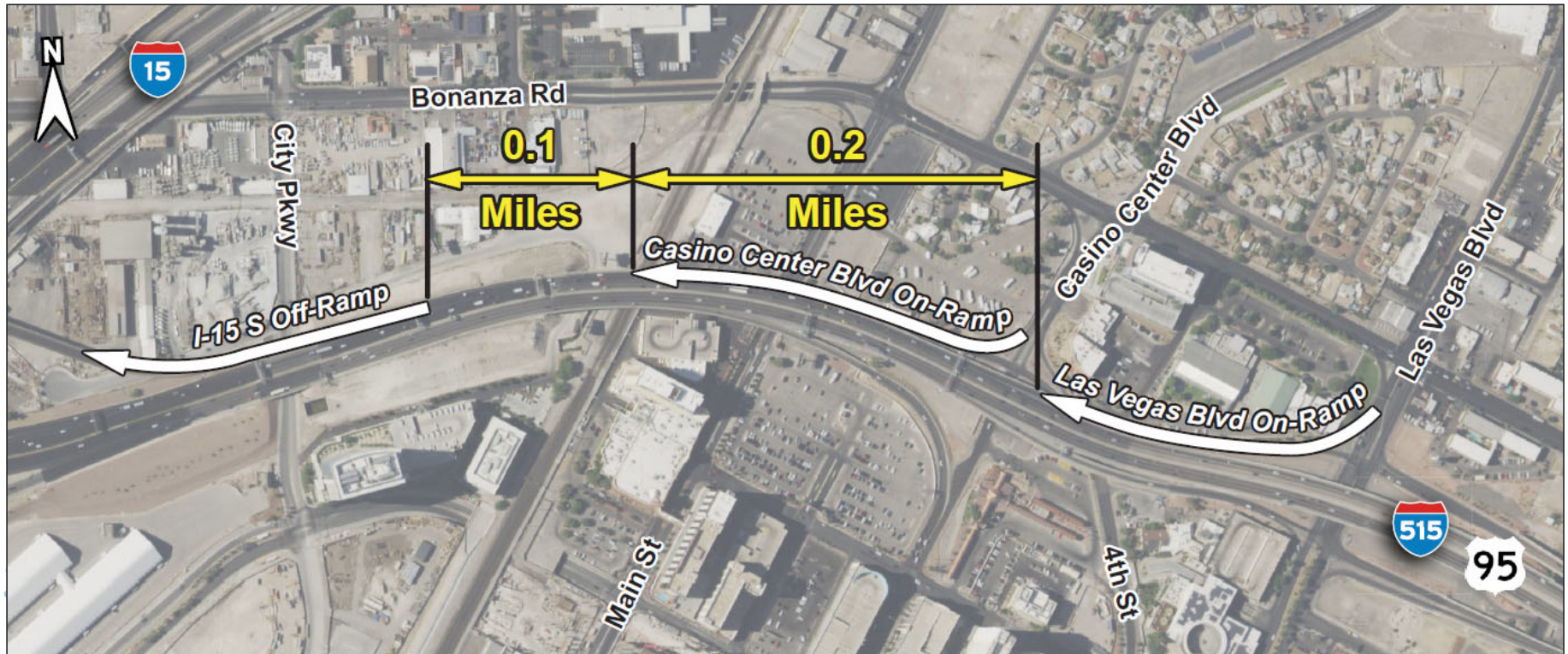
Fix Ramp Spacing (southbound)



Fix Ramp Spacing (southbound)



Fix Ramp Spacing (northbound)



Fix Ramp Spacing (northbound)



Add Capacity

Existing

3 general purpose lanes and 1 auxiliary lane

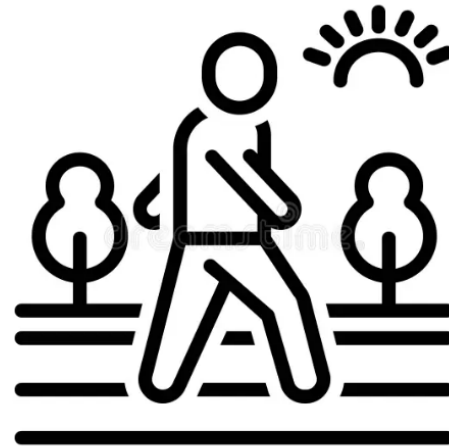
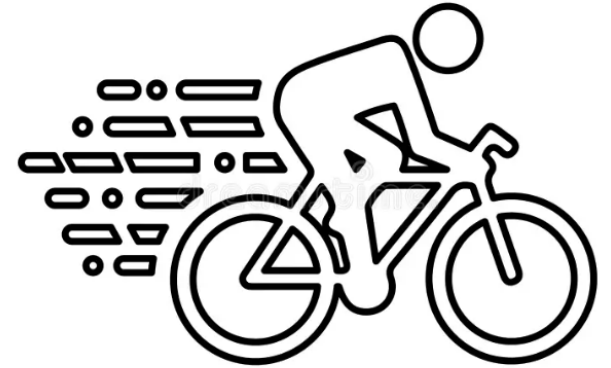
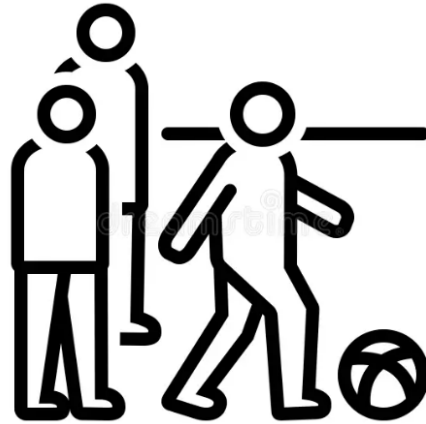
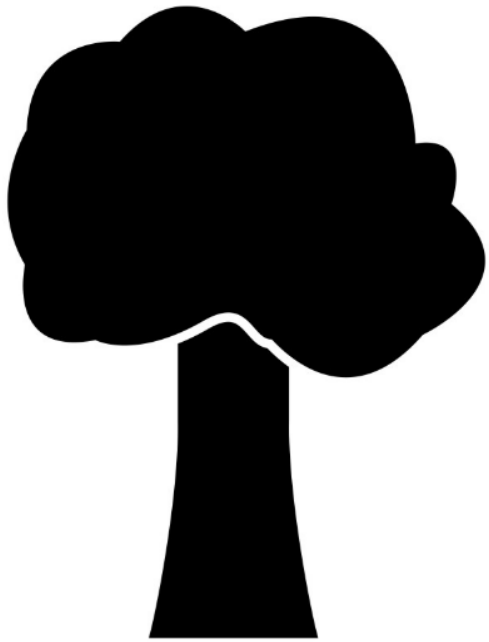


Proposed

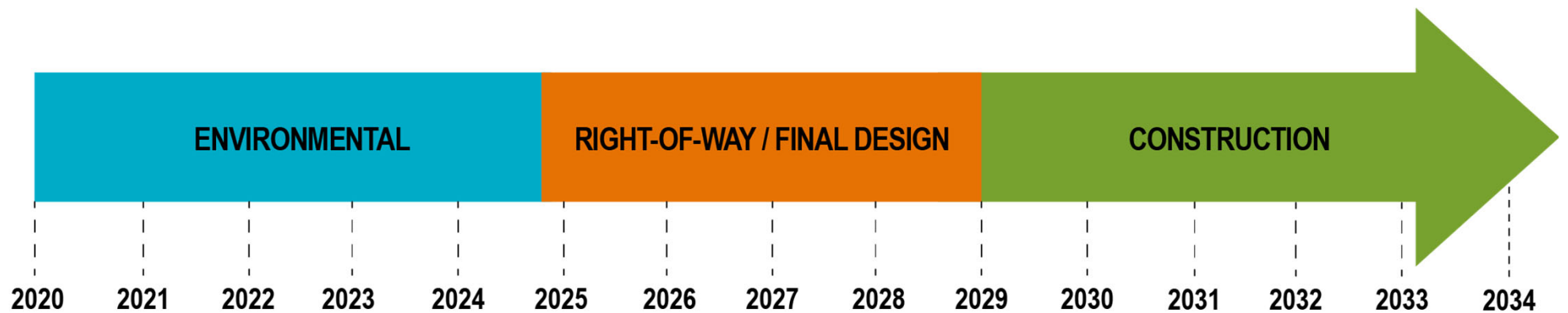
4 general purpose lanes, 1 HOV lane, 1 auxiliary lane



Community Enhancement, Bike/Ped Mobility, Landscape and Aesthetics



Schedule



Design Alternatives

- **Alternatives 1-3 (Recessed, North, South)**
 - Original alternatives that have been eliminated due to impact on the community.
- **Alternative 4 (No Build)**
 - No improvements will be constructed.
- **Alternatives 5-8**
 - New design alternatives that reduce impact and incorporate input from the community.



Draft Mitigations

Mitigations are actions intended to offset the impact of a project.

Draft Mitigations from Conversation Feedback

\$10 million

RESOURCES FOR THE
UNHOUSED COMMUNITY

\$10 million

INDOOR
RECREATION AREA

\$15 million

REPLACEMENT HOUSING
AT A ONE-TO-ONE
IMPACT RATIO

\$20 million

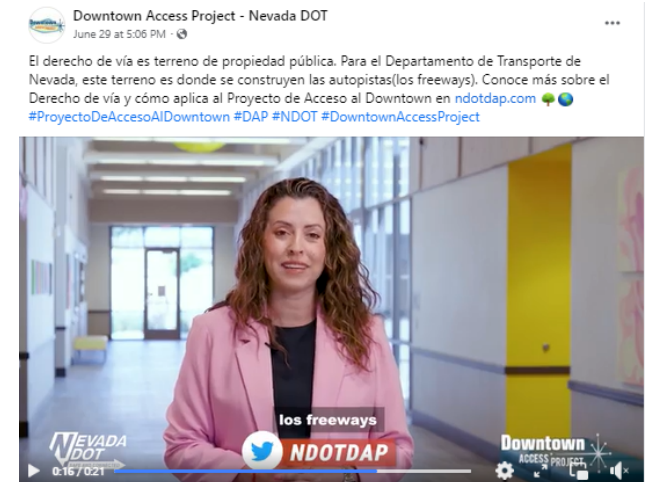
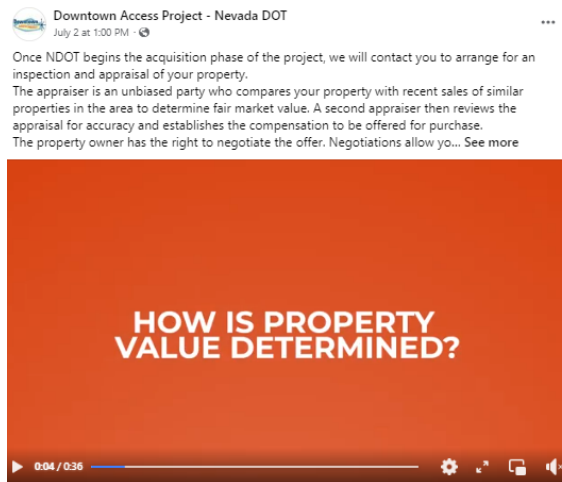
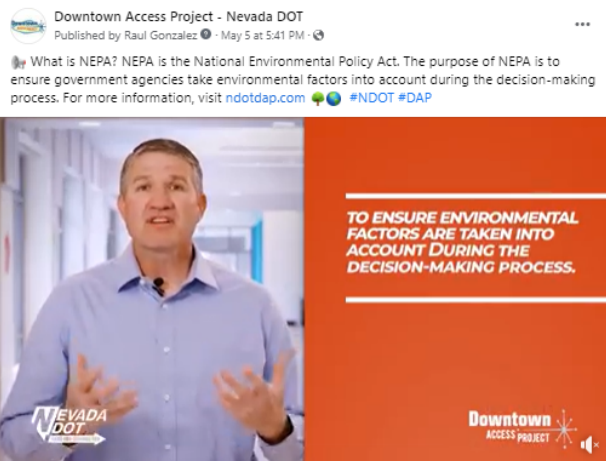
COMPLETE STREETS
(Examples: bike lanes,
sidewalks, trees, streetlights)

Social Media

- Environmental Education – *posted in May*
- Right-of-Way Education – *posted in July*



@ndotdap



Mark Your Calendar!

Public Information Meeting!

Virtual

August 14 – September 14

English and Spanish

www.ndotdap.com

In-Person

Tuesday, August 29

4pm-7pm

Presentation at 5:30pm in

English and Spanish

East Las Vegas Community Center



Ryan Wheeler, PE

NDOT Senior Project Manager



8/2/2023