



REGIONAL TRANSPORTATION COMMISSION

Metropolitan Planning • Public Transportation & Operations • Engineering & Construction

Metropolitan Planning Organization of Washoe County, Nevada

Public Information Meeting #1 Lemmon Drive Traffic Improvements and Resiliency Project



- Welcome and Opening Remarks
- Study Area
- Project Purpose and Need
- Study Process
- Concept Development and Screening
- Next Steps
- Providing Feedback

- Lemmon Drive from Fleetwood Drive to Ramsey Way
- Pedestrian improvements along Patrician Drive to Lemmon Valley Elementary



In 2017, Lemmon Drive was overtopped by floodwaters and faced emergency closures and an extensive mitigation response which disrupted the community's access highlighting the need for a more resilient roadway.

In addition, multimodal enhancements were identified as a community need in the RTC's North Valleys Regional Transportation Study.



- Provide a safe and reliable regional road with at least one dry lane in each direction of travel during a 100-year flood event. (Determined by FEMA Base Flood Elevation)
 - 1% yearly chance of roadway being under water
- Provide safe access for all multi-modal users with enhanced shared use path opportunities and safer pedestrian crossings
- Rehabilitate and upgrade Lemmon Drive to meet current design standards, 2050 RTP regional needs, and address any deficiencies or safety concerns in the existing roadway alignment
- Provide opportunities along Lemmon Drive to aid in long-term flood response planning and reducing maintenance costs for Washoe County and City of Reno



- NEPA is the National Environmental Policy Act (1969), requiring federal agencies to assess the environmental effects of proposed actions before making decisions
- Using the NEPA process, agencies evaluate the environmental, social, and economic effects of proposed actions. Agencies also provide opportunities for public involvement through the process
- \$29 million in Federal funds are being used for the project
- Federal land will be granted for a right of use of the new Lemmon Drive right-of-way



What Resources and Impacts Does NEPA Consider?

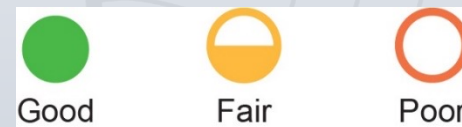


- Access
- Air Quality
- Cultural Resources
- Environmental Justice
- Geology
- Hazardous Materials
- Historic Properties
- Land Use
- Traffic Noise
- Public Parks and Recreation Areas
- Safety
- Socioeconomic Considerations
- Visual Resources
- Water Quality and Hydrology
- Biological Resources
- Threatened and Endangered Species



■ Level 1 Screening (2020)

- 12 Alternatives identified (A1 through A12)
- Evaluate against Project goals



- Three proposed improvement alternatives recommended to advance to Level 2 screening
- Nine alternatives dismissed
 - Did not meet 2050 RTP regional needs
 - Cost prohibitive
 - Safety concerns
 - Would not meet dry lane needs
 - Neighborhood impacts

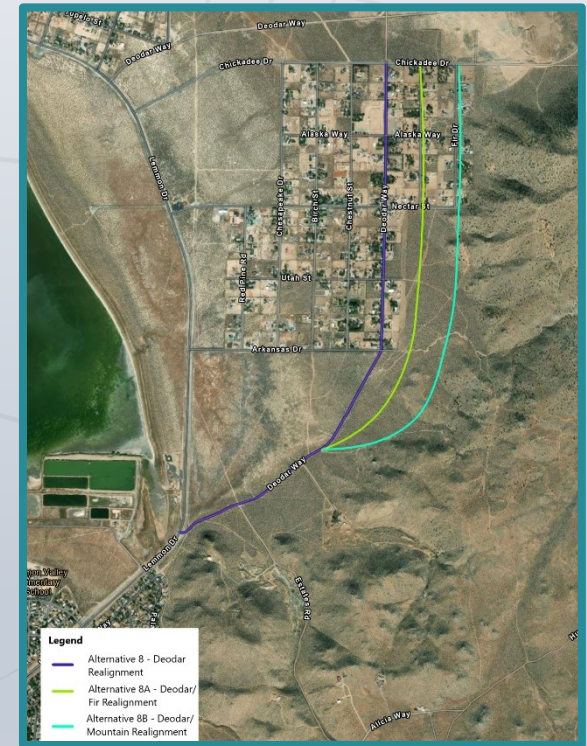
Three alternatives considered in the Level 2 screening were presented to RTC Board in August 2020.



Alternative 2
Elevate Existing
Lemmon Drive



Alternative 6
Natural Berm
Alignment



Alternative 8
Deodar Alignment



Level 2 Screening Results



	Raise Lemmon (Alt. 2)	Natural Berm (Alt. 6)
Safety		
Access Management		
Emergency Response		
Construction Impacts		
Volumetric Mitigation		
Permitting		
Cost	\$44M - \$48M	\$34M - \$38M

Note: Deodar alignment did not meet long-term regional connectivity and currently developed residential area resiliency needs.

- RTC Endorsed Alternative – Natural Berm Realignment
 - Minimizes traffic control impacts during construction
 - Reduces volumetric flood mitigation
- Presented to RTC Board in March 2022 and Citizens Advisory Board in April 2022



01



ALTERNATIVES ANALYSIS AND NEPA STUDIES

- Refine agency-endorsed alternatives.
- Establish Area of Potential Effect (APE)
 - Conduct field surveys and environmental studies.
- Conduct tribal and resource agency consultations.
- Develop preliminary cost estimates.
 - Conduct additional outreach.

SEP 2023 -
MARCH 2024

02



PREPARE DRAFT ENVIRONMENTAL DOCUMENT

- Identify preferred alternative.
- Identify potential environmental impacts and associated mitigations.
- Identify right-of-way impacts.
 - Identify potential phasing.
- Develop 30% design plans for the preferred alternative.
 - Conduct Public Hearing.

MARCH 2024 -
SEP 2024

03



ENVIRONMENTAL APPROVAL

- Submit and/or secure resource agency permits.
- Approval from Federal Highway Administration (FHWA)
- Provide preliminary design for preferred alternative.
- Allows project to continue moving forward.

OCT 2024 -
DEC 2024

04



FINAL DESIGN AND RIGHT-OF-WAY ACQUISITION

- Conduct right-of-way setting.
- Conduct right-of-way and easement acquisitions.
 - Final permitting.
- Prepare final plans, specifications, and estimate.
- Advertise for construction.

JULY 2024 -
JUNE 2025

WE
ARE
HERE



How Do I Provide Comments?



- Fill out a comment form included in your handout packet and place it in the comment box or provide verbal comments to the court reporter
- Submit your comment form by mail
Bryan Byrne, PE, RTC Project Manager
1105 Terminal Way, Reno, NV 89501
- Send an email to bbyrne@rtcwashoe.com
- Comments accepted until 5:00 pm February 26th, 2024

Project Website:

www.northvalleysimprovements.com

Email:

bbyrne@rtcwashoe.com to be added
to the contact list

Summer 2024 Public Hearing

- Please state your first and last name prior to your question or statement
- Three-minute verbal comment limit per individual
- A court reporter will record the presentation and the Q&A period and is available to take individual comments

**NOTICE: The information you provide becomes a public record subject to disclosure (NRS 239.0107)*



THANK YOU



Bryan Byrne, PE
Project Manager

Regional Transportation Commission
of Washoe County

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rtcwashoe.com
Your RTC. Our Community.

