

**REGIONAL TRANSPORTATION COMMISSION (RTC)
REGIONAL ROAD IMPACT FEE (RRIF)
TECHNICAL ADVISORY COMMITTEE**

Meeting Minutes

Thursday, January 28, 2021

Members Present:

Alex Velto, City of Reno (*joined meeting late*)
Amy Cummings, Regional Transportation Commission
Brian Stewart, Regional Transportation Commission
Dwayne Smith, Washoe County
Jim Rundle, City of Sparks
John Krmpotic, Private Sector
Jon Ericson, City of Sparks
Kraig Knudsen, Private Sector
Larry Chesney, Washoe County Planning Commission
Mitchell Fink, Washoe County
Randy Walter, Private Sector

Members Absent:

Kurt Dietrich, City of Reno Public Works
Mike Mischel, City of Reno
Ted Erkan, Private Sector

Guests

Carl Savely
Claudia Hanson
Damien Kerwin

RTC Staff:

Adam Spear

Amber Bowsmith

Bill Thomas

Blaine Petersen

Dale Keller

Dan Doenges

Hannah Yue

Jelena Williams

Lee Anne Olivas

Xuan Wang

The meeting was called to order at 8:38am. Roll call was taken to ensure there was a quorum.

Item 1: Approval of Agenda

The agenda was approved.

Item 2: Public Comment

None

Item 3: Approval of the September 24, 2020 Meeting Minutes

The September 24, 2020 Meeting Minutes were approved.

Item 4: 2050 Regional Transportation Plan (RTP) Report

Dan Doenges of the RTC Planning Department provided an update and discussed next steps for the 2050 RTP Update (see Attachment A). Dan stated outreach efforts have been successful, even with the effects of COVID. RTC staff has presented to several agency Councils and Commissions, held community planning workshops, provided presentations to the public and elected officials, and asked the community to participate in surveys. Dan discussed goals that include improving safety, integrating land use and economic prosperity, promoting healthy communities and sustainability, managing existing systems efficiently, integrating all types of transportation, and promoting regional connectivity. Other goals include promoting equity and environment justice, improving freight and goods movements, investing strategically, and monitoring implementation and performance.

Proposed projects maps for 2021-2025, 2026-2030 and 2031-2050 were presented and discussed. Jon Ericson of the City of Sparks asked about the design of Geiger Grade. Dan stated Geiger Grade needed to be re-evaluated due to right-of-way needs and new development that has gone in since the original design. In the 2026-2030 period, there will be more capacity in the North Valleys. The RTC is working with NDOT on a McCarran Corridor Study. Dan noted that the 2031-2050 proposed projects fall outside of the Capital Improvement Plan (CIP). Most of the projects in that time are conceptual at this point.

Dan discussed some upcoming or proposed studies such as a Mt. Rose Hwy. study with NDOT, the Verdi area, and Virginia Street Downtown. In addition, he noted Transit System priorities including FlexRIDE expansions. Next steps include completing project evaluation and prioritization, modeling and air quality analysis and finalizing the draft plan for public comments.

John Krmptic asked how North Valleys capacity projects are prioritized as far as cost. Dan stated the projects shown in out years include inflation. The RTC used a consultant to help determine estimates based on preliminary concepts.

Per members' request, the Proposed Projects maps will be distributed electronically after the meeting and the lists are included as part of the agenda packet.

A motion to accept a report on the 2050 Plan Update was approved unanimously.

Item 5: RRIF General Administrative Manual (GAM) Overview Discussion

Dale Keller of the RTC Engineering & Construction Department provided an update on the 7th Edition RRIF GAM Update (see Attachment B). Dale provided some background on the 6th Edition rates including how the RRIF share is determined by service area. Dale discussed the status of the 7th Edition Update that includes clarifying the process for adding new projects to the CIP and ensuring the eligibility determination and appeals process is clearly defined. Another action is to define eligible RRIF improvements. That may include the removal of programmatic intersection and multi-modal improvements.

There was discussion about adding new projects to the CIP including how modeling may need to be updated yearly. Adding or changing projects within the CIP may affect rates. Randy Walter noted traffic signal improvement may be conditions of approval for a project and could become an exaction. He recommended more discussion on the topic. Bill Thomas stated for traffic signals, the element that needs to be looked at is time. The system needs to be justified based on equity and is adaptable.

A motion to accept a report on the RRIF General Administrative Overview was approved unanimously

Item 6: Public Comment

None

Item 7: Member Items

- The next RRIF TAC meeting is scheduled for February 25, 2021 at 8:30am via teleconference.
- John Krmpotic asked if the RTC was aware of any current data or studies regarding trip reduction criteria as a result of COVID and the shift to remote working. John asked the RTC to address two points: trip reduction on land uses and any shifting of fees as a result.

Item 8: Adjournment

There being no further business, the meeting adjourned at 9:38am.

Respectfully Submitted,

Lee Anne Olivas



- **Purpose of RTP:**
 - Identify the transportation guiding principles & goals for the region
 - Identify transportation investments through 2050
- **Implement community-based process**
- **Plan completion by May 2021**



- **The guiding principles of the RTC are to support:**
 - **Safe and healthy communities**
 - **Economic prosperity and innovation**
 - **Sustainability**
 - **Increase travel choices**





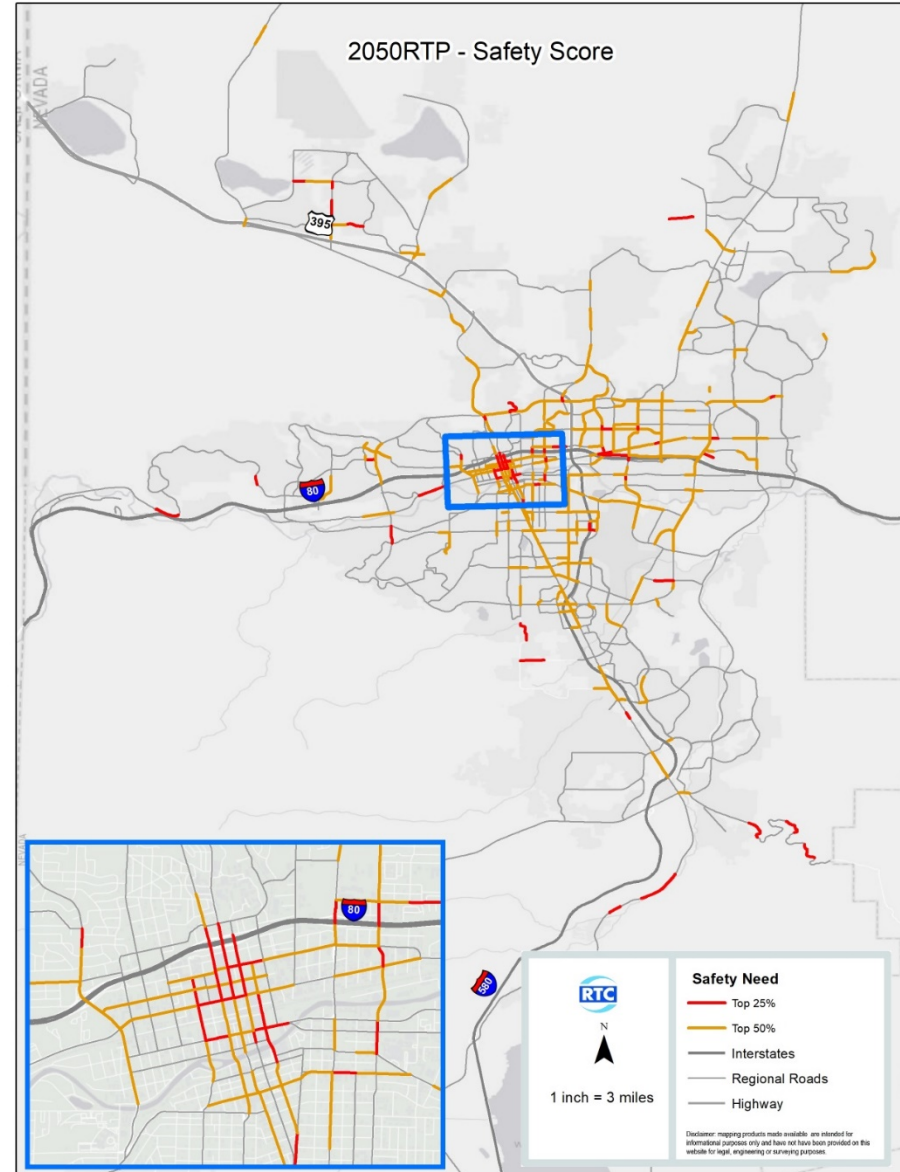
Community-Based Planning

- RTP Agency Working Group
- Inter-County Working Group
- RTC Advisory Committees
- Community Planning Workshops & Forums
- Virtual Presentations/Surveys/Social Media
- Coordinated Human Services Transportation Plan
- Presentations to Elected Officials



Improving Safety

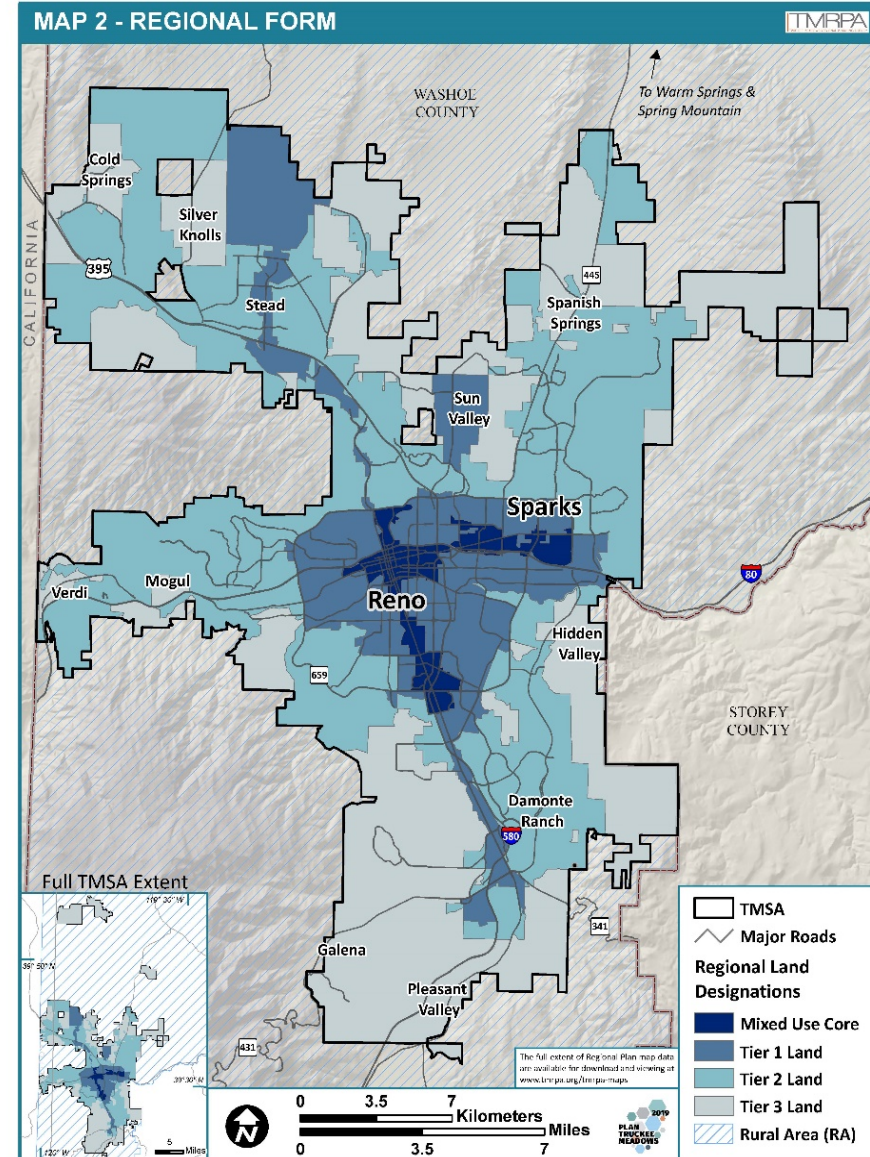
- Vision Zero Truckee Meadows
- Community Awareness & Education
- Safe Routes to School
- Nevada Strategic Highway Safety Plan
- Complete Streets Master Plan





Integrating Land Use & Economic Prosperity

- Transit Oriented Development
- Affordable Housing
- Local & Tribal Government Planning
- Economic Development Partners
- Supporting Travel & Tourism
- TMRPA Regional Plan





Promoting Healthy Communities & Sustainability

- Nevada Climate Initiative
- Air Quality/Transportation Conformity
- RTC Sustainability Plan
- Active Transportation Improvements
- Natural Resources





Other RTP Goals

- Manage existing systems efficiently
- Integrate all types of transportation
- Promote regional connectivity
- Promote equity and environmental justice
- Improve freight and goods movement
- Invest strategically
- Monitor implementation & performance



- **Vision & Goals: In-person workshop & online survey (February 2020)**
- **Call for projects: Virtual public meeting & online survey (June/July 2020)**
- **Alternatives evaluation & prioritization: Virtual public meeting & online survey (December 2020/January 2021)**

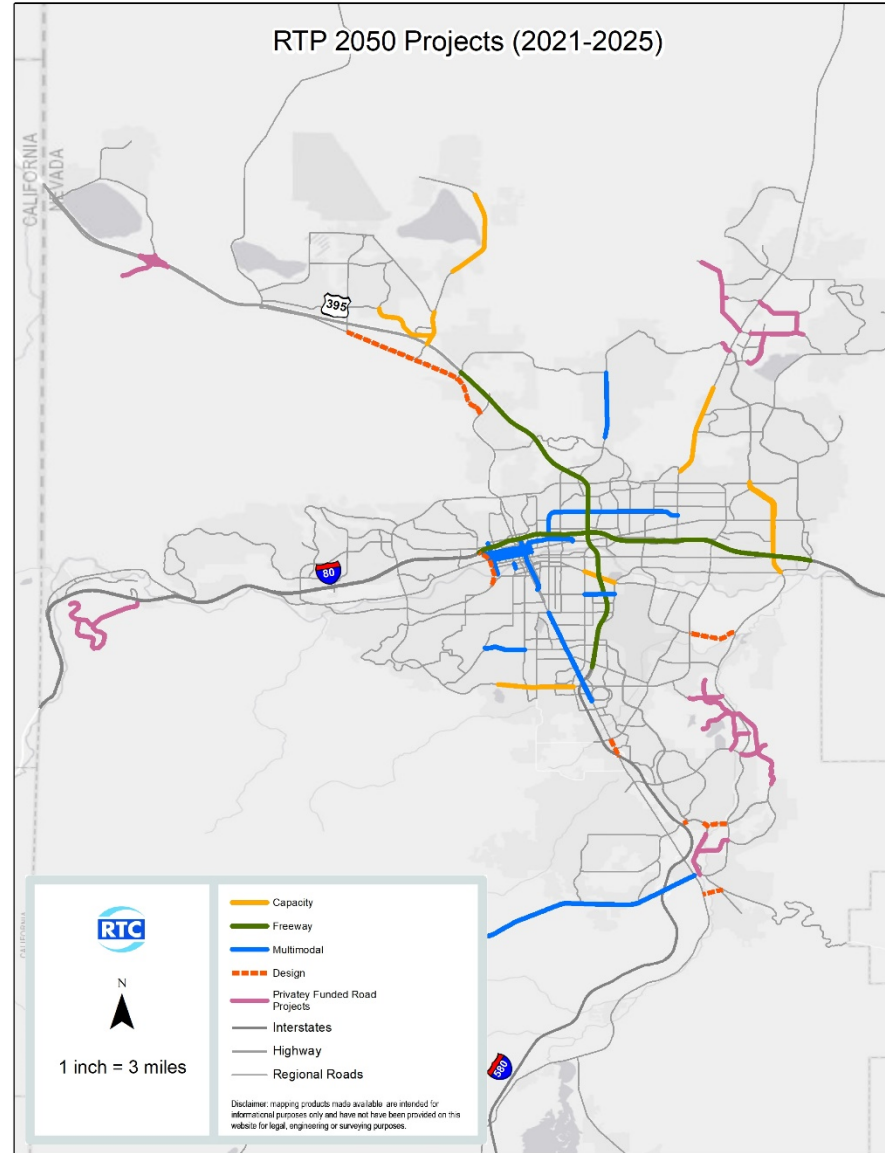


Project Evaluation Criteria

- Safety
- Traffic volumes/congestion
- Project readiness
- Regional Plan land use priority
- Private/other agency funding
- Equity
- Bike/Pedestrian Connectivity
- Flood mitigation
- Public input
- Agency Working Group input



Proposed Projects: 2021-2025

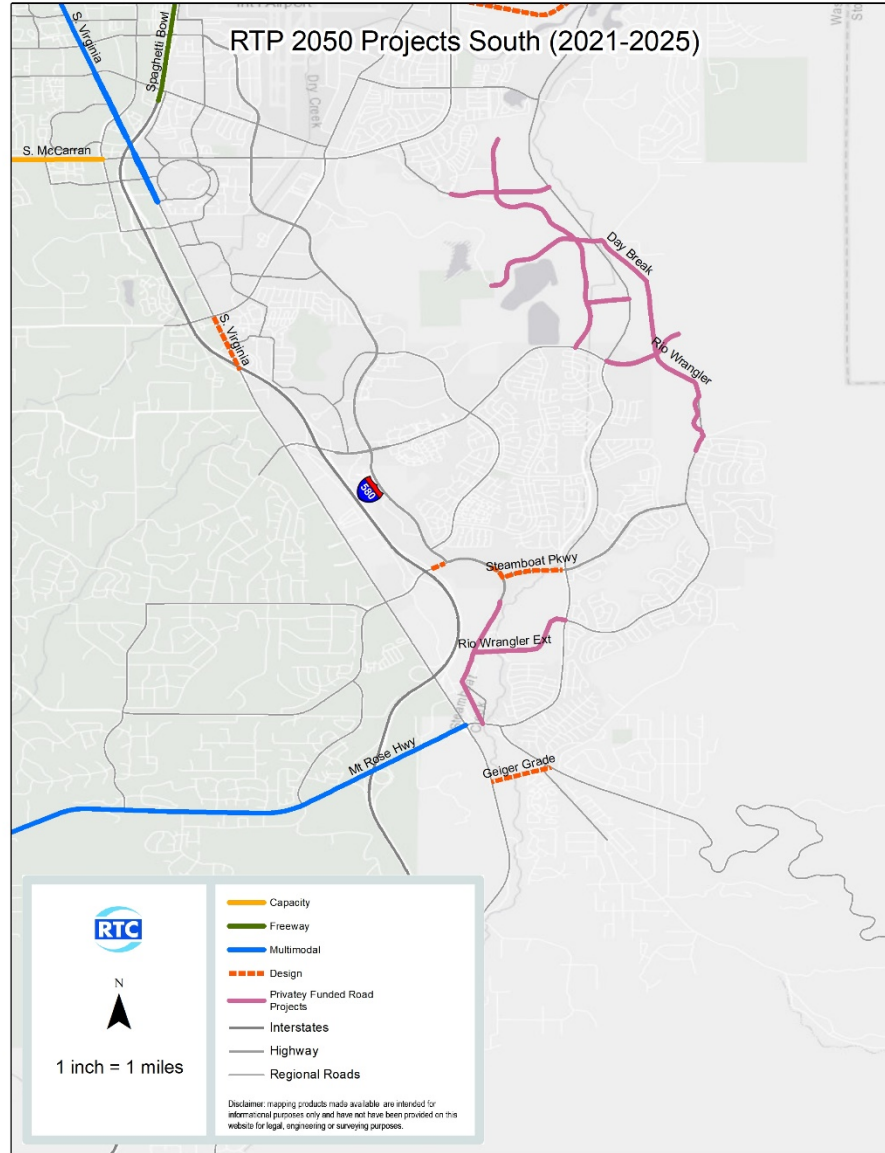


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Proposed Projects: 2021-2025

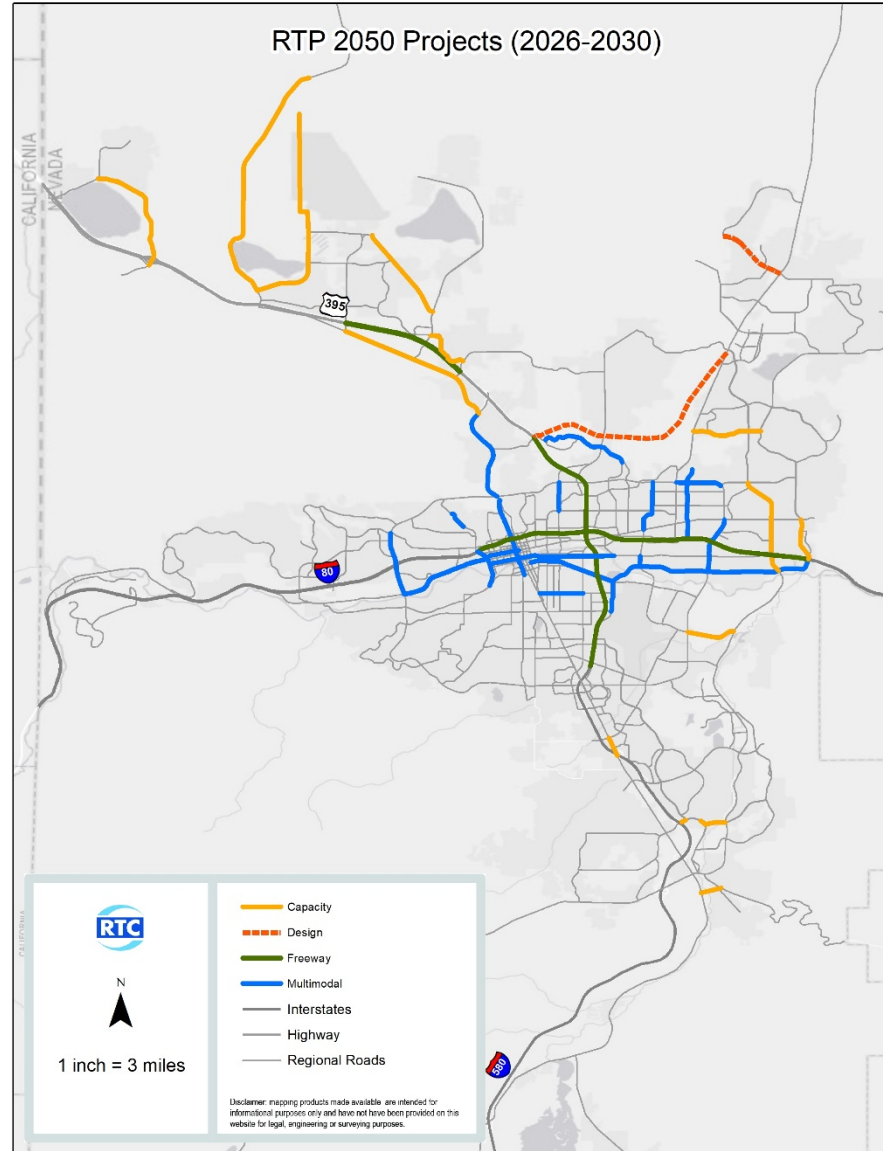
Detail of South Meadows Area



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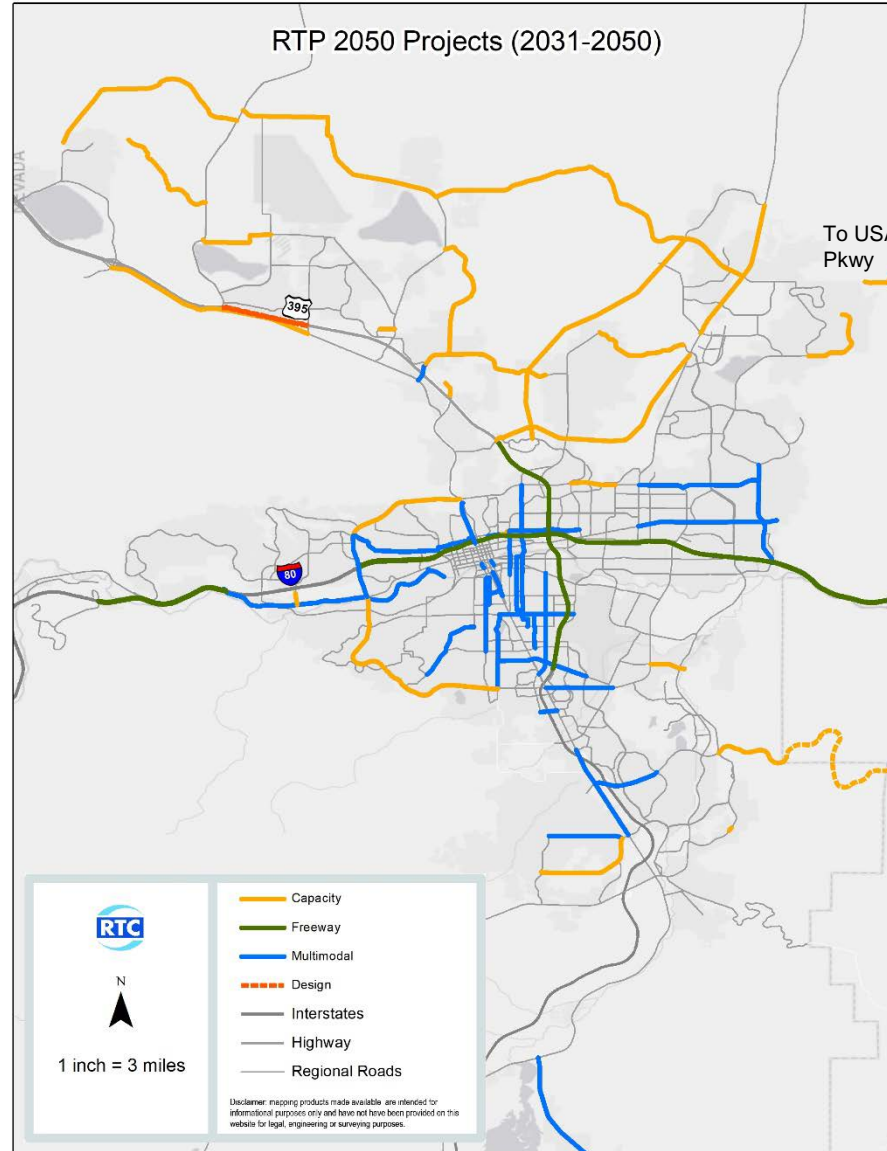
Proposed Projects: 2026-2030



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Proposed Projects: 2031-2050

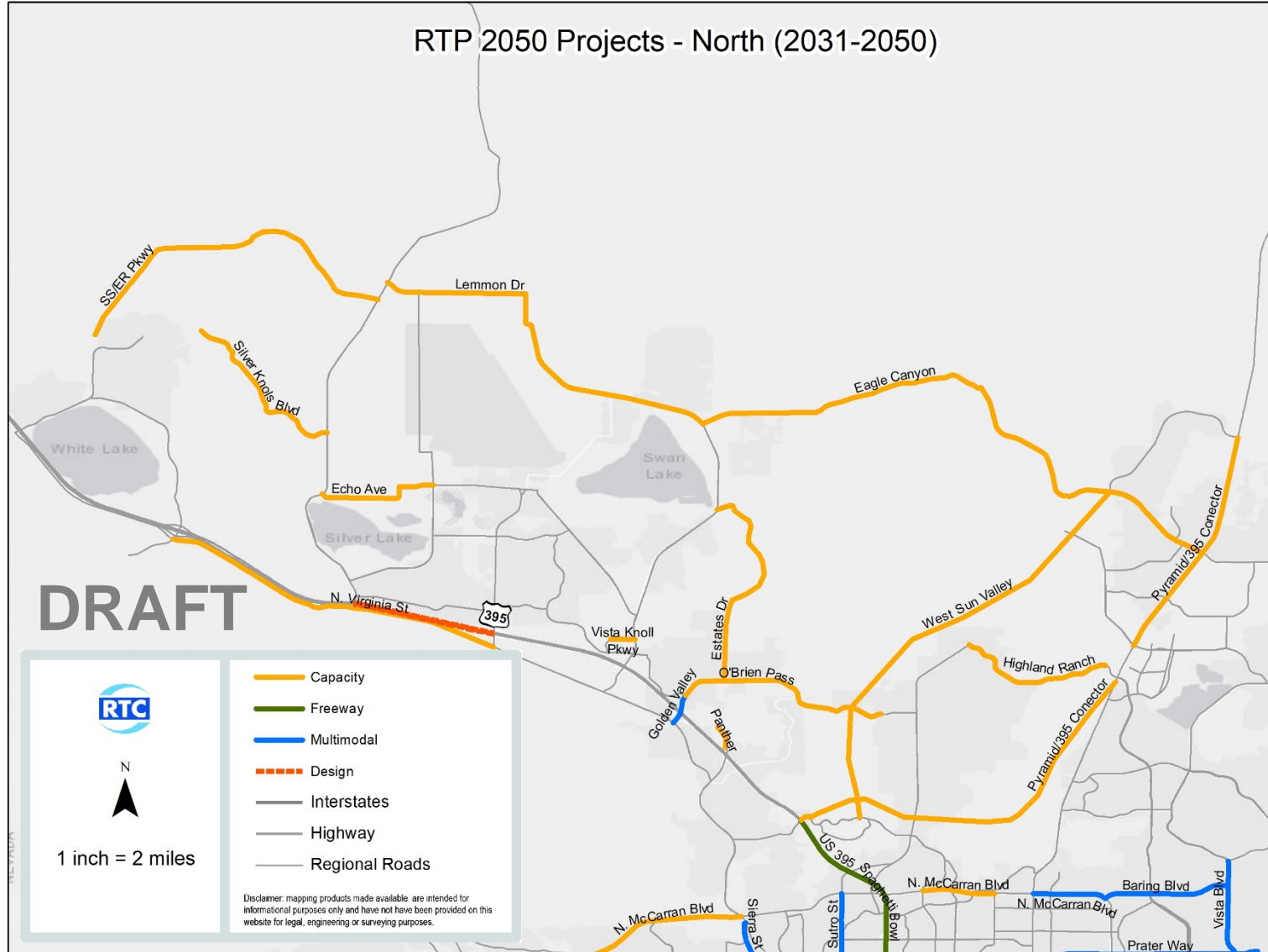


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Proposed Projects: 2031-2050

Detail of North Valleys Area



Preliminary DRAFT 2026-2030 Listing for Discussion

Program	Description	Annual Amount (est)	5 Year Amount
Bicycle, Pedestrian & ADA	Bus stop ADA improvements, other bike/ped spot improvements	\$3,500,000	\$17,500,000
Traffic Signals, ITS Operations & Intersections	3-5 intersection improvements per year	\$11,500,000	\$57,500,000
Pavement Preservation	Preventive & corrective maintenance, reconstruction	\$25,000,000	\$125,000,000
Debt Service		\$23,000,000	\$115,000,000
Projects	Limits	YOE Cost Rounded	
Freeway			
US 395 Additional lane in each direction	Golden Valley to Stead Blvd	\$79,177,000	
US 395 Additional Northbound Lane - Design	Clear Acre to Parr	\$19,115,000	
Spaghetti Bowl Phase 2	Spaghetti Bowl	\$73,088,000	
Capacity			
Buck Dr Widen 2 to 4 lanes	Lemmon Dr to N Hills Blvd	\$1,912,000	
Damonte Ranch Pkwy - Widen	Double R to I 580	\$4,723,000	
Eagle Canyon Extension Widen 2 to 4 lanes - Design	Pyramid Hwy to W Calle de la Plata	\$2,000,000	
Geiger Grade New 4 Lane Rd	Virginia St to Toll Rd	\$84,445,000	
Military Rd Widen 2 to 4 lanes	Lemmon Dr to Echo Ave	\$25,412,000	
Moya Boulevard Widen 2 to 4 lanes	Red Rock Rd to Echo Ave	\$19,678,000	
Moya Boulevard Extension	Lemmon Dr to Echo Ave	\$74,100,000	
N. Hills Blvd	Golden Valley Rd to Buck Dr	\$20,465,000	
N Virginia Street Widen 2-4 lanes & Multimodal	Panther Dr to Stead Blvd	\$43,291,000	
Pembroke Dr - Widen	McCarran to Veterans	\$19,790,000	
Pyramid Hwy/395 Connector Phase 2	Widen Disc Dr from Pyramid to Vista Blvd	\$22,300,000	
Pyramid/395 Connector Phase 3 (Connector) - Design	US 395 to Pyramid Hwy south of Sparks Blvd	\$50,000,000	
Red Rock Rd Widen 2 to 4 lanes	US 395 to Placerville Dr	\$58,246,000	
S. Virginia Street - Add NB lane	Longley Ln to I-580	\$23,613,000	
Sparks Blvd Multimodal Improvements and widen 4 to 6 lanes	Greg St to Baring Blvd	\$44,977,000	
Steamboat Pkwy and Damonte Ranch Pkwy - Widen	Veterans Pkwy to Promenade Wy	\$4,610,000	
Vista Boulevard Widen 4 to 6 lanes	I-80 to Prater Way	\$11,244,000	
White Lake Pkwy - Widen	US 395 to Village Pkwy	\$38,231,000	
Privately Constructed Roads - to be added			
Multimodal			
4th Street Bike lanes (Sparks)	Victorian Ave to Queen Way	\$6,747,000	
4th Street Pedestrian & Safety Improvements (Reno)	Stoker to McCarran	\$20,240,000	
El Rancho Dr / Dandini Blvd Sidewalks	Raggio Pkwy to Sullivan Ln	\$20,690,000	
Greg St Sidewalks and Bike lanes	Mill Street to Vista Blvd	\$29,123,000	
Keystone Ave Multimodal Improvements	California to I-80 & Truckee Bridge replacement	\$61,169,000	
Keystone Ave Sidewalks and Bike Lanes	Coleman Dr to Peavine Rd	\$1,012,000	
McCarran - Pedestrian Improvements	Baring to Pyramid	\$12,594,000	
McCarran Blvd Multimodal & Safety Improvements	Greg to Prater	\$10,682,000	
Mill St/Terminal Way Multimodal Improvements	Airport to downtown Reno	\$27,436,000	
N Virginia St Sidewalks and buffered bike lanes	Panther Dr to McCarran Blvd	\$17,878,000	
NW McCarran Safety and Bike Lanes	4th Street to N Virginia	\$10,570,000	
Rock Blvd Enhanced Sidewalks and Bike Lanes	Victorian Ave to McCarran Blvd	\$7,309,000	
Rock Blvd Sidewalks and bike lanes	Greg St to Glendale Ave	\$3,823,000	
Sierra St Widen Sidewalks	California Ave to 9th St	\$5,060,000	
Sutro - MultiModal	N McCarran to Oddie Blvd	\$8,995,000	

Preliminary DRAFT 2031-2050 Listing for Discussion

Program	Description	Annual Amount (est)	20 Year Amount
Bicycle, Pedestrian & ADA	Bus stop ADA improvements, other bike/ped spot improvements	\$4,570,000	\$91,400,000
Traffic Signals, ITS Operations & Intersections	3-5 intersection improvements per year	\$15,232,000	\$304,640,000
Pavement Preservation	Preventive & corrective maintenance, reconstruction	\$30,000,000	\$600,000,000
Debt Service		\$23,000,000	\$230,000,000
Total		\$57,882,000	\$1,226,040,000
Projects	Limits	YOE Cost Rounded	
Freeway			
Spaghetti Bowl Phases 3-5	Spaghetti Bowl	\$761,602,000	
US 395 Widen for Connector traffic - add'l NB lane	Clear Acre to Parr Blvd	\$248,282,000	
US 395 Widening - Design	Stead to Red Rock Rd	\$53,617,000	
I-580 Widening	Neil Rd to S Virginia St/Kietzke Ln	\$53,617,000	
I-80 Widening	W McCarran Blvd to Keystone Ave	\$60,471,000	
I-80 Widening	Garson Rd to West 4 th St	\$193,295,000	
I-80 Operations & Capacity	Vista Blvd to US Parkway	\$338,532,000	
Capacity			
9th Street Extension	To N Wells Ave	\$3,351,000	
Arrowcreek Pkwy - Widen	Wedge Pkwy to Thomas Creek Rd	\$35,948,000	
Arrowcreek Pkwy Widen 2 to 4 lanes	Wedge Pkwy to Zolezzi Ln	\$12,643,000	
Eagle Canyon Extension Widen 2 to 4 lanes	Pyramid Hwy to W Calle de la Plata	\$14,500,000	
Eagle Canyon Extension New 4 lane road	Lemmon Valley to Spanish Springs	\$213,249,000	
Echo Ave - Extension	Red Rock Rd to Moya Blvd	\$29,702,000	
Estates Dr - Reconstruct	Lemmon Dr to Golden Valley Rd	\$48,895,000	
Golden Valley Road/7th Avenue (O'Brien Pass)	N Hills to W 7th Ave	\$111,042,000	
Highland Ranch Parkway - Widen	Pyramid to Sun Valley Blvd	\$45,239,000	
Lemmon Dr - Extension	To Red Rock Rd	\$161,460,000	
McCarran Blvd	Plumb Ln to Mayberry Dr	\$20,868,000	
McCarran Boulevard Widen 4 to 6 lanes	El Rancho Dr to Rock Blvd	\$40,822,000	
McCarran Boulevard Widen 4 to 6 lanes	Sky Mountain Dr to I80	\$12,033,000	
McCarran Boulevard Widen 4 to 6 lanes	7th St to N Virginia St	\$95,353,000	
McCarran Widening	Mayberry to 4th Street	\$61,994,000	
Mira Loma Drive Widen 2 to 4 lanes	McCarran to Veterans	\$14,318,000	
North Virginia - New Road	Stead to White Lake	\$86,213,000	
Panther Extension	N. Virginia to Panther to N. Hills Blvd	\$12,947,000	
Pyramid/395 Connector Phase 3 Construct Connector	US 395 to Pyramid Hwy south of Sparks Blvd	\$378,300,000	
Pyramid/395 Connector Phase 4 System Ramps	System Ramps at US 395	\$85,800,000	
Pyramid Way Phase 5 Widen 2 to 4 lanes	Sparks Blvd to Calle de la Plata	\$205,500,000	
Pyramid/395 Phase 6 West Sun Valley Interchange	Interchange and local improvements	\$60,200,000	
Rio Wrangler - Widen	Spring Flower Dr to Western Skies Dr	\$3,503,000	
Robb Dr Ext	4th Street to I-80	\$28,332,000	
S. McCarran - Widen	Manzanita to Plumb	\$117,896,000	
S. McCarran - Widen	Lakeside to Manzanita	\$43,564,000	
Silver Knolls Blvd - New Road	Red Rock Rd to Silver Knolls Blvd	\$74,485,000	
SS/ER Parkway - New Road	Red Rock Rd to Mud Spring Dr	\$144,400,000	
TRI Center Northern Connection	La Posada to TRI Center	\$495,498,000	

TRI Center Southern Connection	Eastern Daybreak Boundary to USA Parkway	\$68,392,000
Vista - Widening	Wingfield Pkwy to Hubble Dr	\$40,060,000
Vista Knoll Pkwy Ext	To Lemmon Dr	\$8,987,000
West Sun Valley Arterial New 4 lane road	Dandini Blvd to Eagle Canyon	\$112,260,000
Multimodal		
7th St/University Terr Buffered Bike Lanes	Sierra St to McCarran Blvd	TBD
7th Street - Bike Lanes	Stoker Ave to N McCarran	\$18,431,000
9th St Buffered Bike Lanes	Evans Ave - Valley Rd	TBD
9th St/G St Enhanced sidewalks and bike lanes	Wells Avenue to El Rancho Drive	\$8,530,000
Baring Boulevard Bike Lanes	McCarran Blvd to Vista Blvd	\$11,424,000
Casazza Dr/Kirman/Wrondel Way Buffered Bike Lanes	Locust St - Grove St	TBD
Center St/Mary St Buffered Bike Lanes	Liberty St - Plumas St	TBD
Eastlake Blvd Bike Lanes or Multi-Use Path	Old US 395 to I-580 Interchange	\$61,690,000
Forest St Bike Facility	California Ave to Mount Rose St	\$7,159,000
Golden Valley Rd Bike Lanes	N Virginia St to North Hills Blvd	\$6,702,000
Holcomb Ave Buffered Bike Lanes	Center St - Vassar St	TBD
Kietzke Ln Multimodal Improvements	Galletti Way to Virginia St	\$13,252,000
Kirman Buffered Bike Lanes	Casazza Dr - Kuenzli St	TBD
Lake Street - Replace existing Bridge	At Truckee River	\$27,570,000
Lakeside Drive Bike Lanes	McCarran Blvd to Plumb Ln	\$11,881,000
McCarran - Pedestrian Improvements	Baring to Pyramid	\$17,060,000
Neil Rd - Bike Lane	Kietzke to S Virginia	\$3,808,000
NW McCarran Safety and Bike Lanes	4th Street to N Virginia	\$14,318,000
Peckham - Multimodal	Lakeside Dr to Airway Dr	\$26,199,000
Plumas St Buffered Bike Lanes	Mary St - Moana Ln	TBD
Plumas/Mary Street - Multimodal	California to Moana Ln	\$28,789,000
Plumb Lane Sidewalks and Bike Lanes	Lakeside Dr to Kietzke Lane	\$8,530,000
Plumb Ln Bike lanes and Sidewalks	Kietzke Lane to Terminal Way	\$5,179,000
Prater Way Bike Lanes	Pyramid Way to Petes Way	\$59,557,000
S Virginia Street - Add sidewalks & bike lane, travel lane to bus/bike	E Patriot Blvd to Arrowcreek	\$35,186,000
SE McCarran MultiUse Path	Longley Lane to Neil Road	\$11,576,000
Sierra St - Multimodal	9th Street to N. Virginia	\$20,411,000
Sierra Street Replace existing bridge	Truckee River	\$29,093,000
Skyline Blvd Bike Lanes	Cashill Blvd to Arlington Ave	\$17,974,000
South Meadows Pkwy Bike lanes	I-580 NB Ramps to Double Diamond Pkwy	\$10,205,000
Sutro St Buffered Bike Lanes	McCarran - Kuenzli	TBD
Sutro/Kirman - Sidewalks	Truckee River to Plumb Lane	TBD
Vassar Street Bike Facility	Holcomb to Kietzke	\$4,300,000
Vista Blvd Sidewalks and Bike Lanes	Greg St to S Los Altos Pkwy	\$13,709,000
Wells Ave Bike Lanes, bike/ped facilities over Truckee River	Moran St to E 9th St	\$12,338,000
West 4th Street -Multimodal	S McCarran to I-80	\$43,411,000
West Reno Bike Path - Truckee River Connections	S McCarran to Idelwild Park	TBD
Yori Ave Sidewalks and bike lanes	Moana Ln to Plumb Ln	\$10,205,000
Zolezzi Lane Sidewalks	S Virginia Street to Thomas Creek Rd	\$10,205,000



Upcoming/Proposed Planning Studies

- Mt. Rose Highway
- McCarran Loop
- Verdi Area
- Virginia Street Downtown
- Midtown Follow-up/Evaluation
- Downtown/Midtown Parking



Priorities for the Transit System

- Productive, cost effective, high-quality transit service
- Workforce mobility & attraction of new riders
- Innovative approaches to mobility
- Maintain existing service levels and expand if additional revenue becomes available





FlexRIDE Expansions

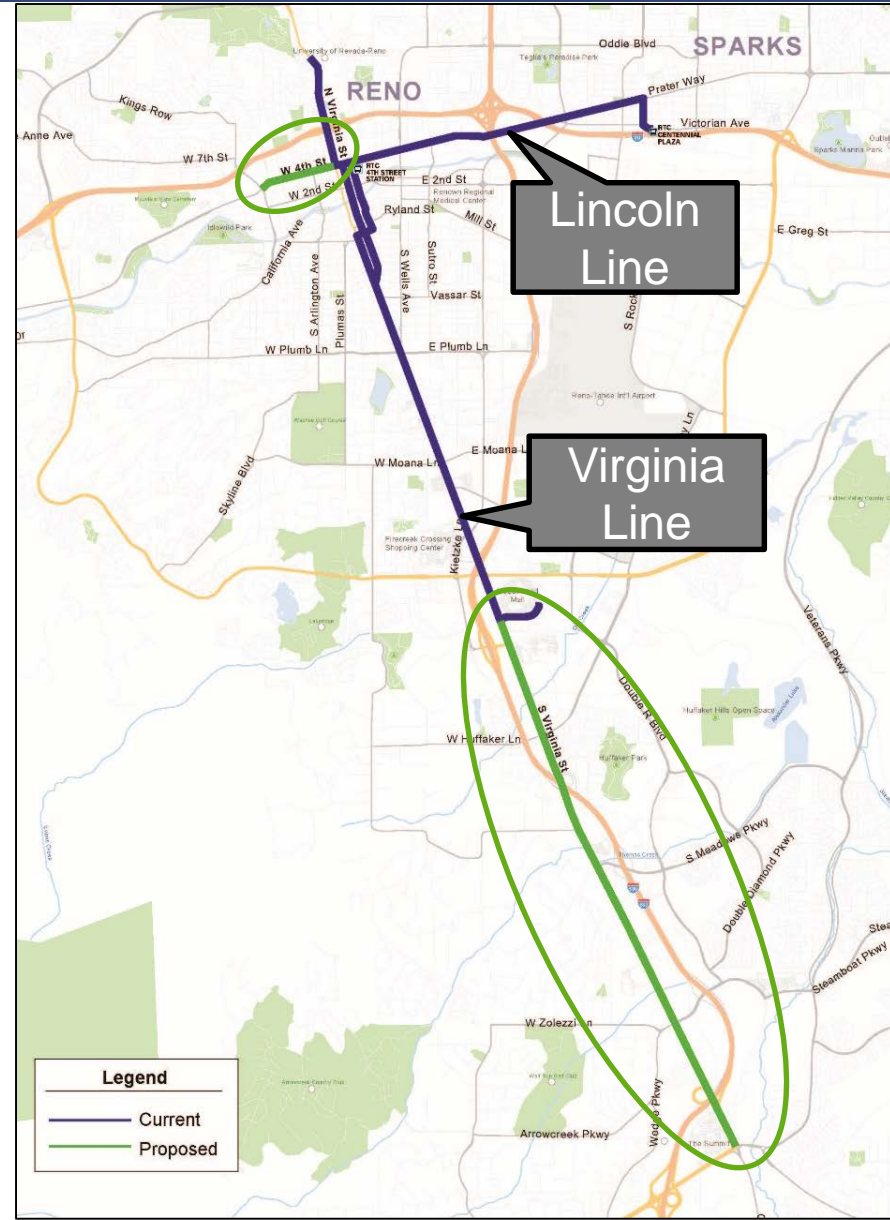
- Replace lower-performing routes
- Strategically provide service to outlying areas
- Expansions feasible if funding becomes available





RAPID Long Term Vision

- Extend RAPID service
 - Virginia Line to Mt. Rose Hwy/Geiger Grade
 - Lincoln Line to Keystone Ave
- Expand transit mode share
- Collaborate to bring housing and employment density to RAPID corridors
- Attract new riders
- Additional capital and operating funds needed





- Next Steps
 - Virtual public meeting & online survey through 1/14
 - Complete project evaluation & prioritization
 - Modeling & air quality analysis
 - Finalize draft plan for public comment
- Visit www.rtcwashoe.com for more information





THANK YOU

Amy Cummings

**Deputy Executive Director/
Director of Planning**

Regional Transportation Commission
of Washoe County

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Your RTC. Our Community.





REGIONAL TRANSPORTATION COMMISSION

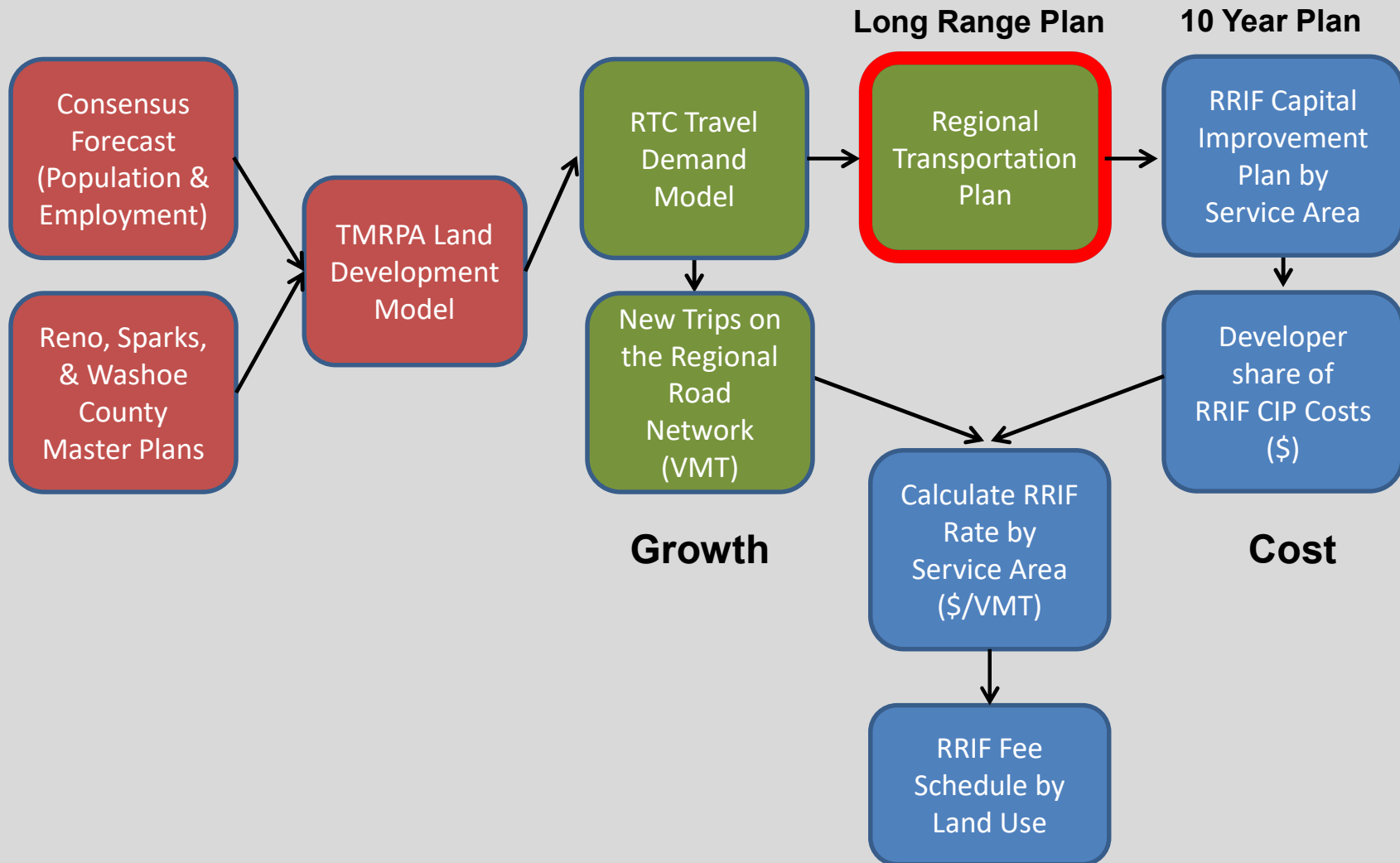
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Metropolitan Planning Organization of Washoe County, Nevada

7th Edition RRIF GAM Update



Regional Road Impact Fee Development



6th Edition Impact Fee Rates



<i>Description</i>	<i>North Service Area</i>	<i>South Service Area</i>
1 st 10 Years Capacity Related RTP projects	\$427,729,055	\$301,352,036
Other Funding Sources	(\$324,445,934)	(\$228,584,992)
RRIF Share by Service Area	\$103,283,121	\$72,767,044
VMT Growth by Service Area	322,046	232,352
\$/VMT for RRIF Share	\$320.71	\$313.18

$$\text{RRIF Share (\$)} / \text{VMT Growth} = \text{\$/VMT Rate}$$

Draft 7th Ed. RRIF CIP – Projects



1. See Agenda Packet Item 5 – Attachments A & B

Current Status of 7th Edition



1. RRIF Capital Improvement Plan (CIP) and Methodology
 - Clarify the process for adding new projects

2. Clearly Define Eligible RRIF Improvements
 - Removal of Programmatic Intersection Improvements
 - Removal of Programmatic Multimodal Improvements

3. Eligibility Determination and Appeals Process

**ATTACHMENT A
NORTH CAPITAL IMPROVEMENT PLAN**

Timeframe A #1	Service Area	Roadway	Limits	Description	RTP \$	Comments
2026-30	N	Buck Dr	Lemmon Dr to N Hills Blvd	Widen 2 to 4 lanes	\$1,912,000	
2021-25	N	Dolores Drive	Existing Dolores west to Lazy 5 Pkwy	New 2 lane road	\$1,500,000	
2021-25	N	Highland Ranch Pkwy	Five Ridges to Pyramid Hwy	Widen 2 to 4 lanes	TBD	New Project
2021-25	N	Kiley Pkwy	Wingfield Hills Rd to Henry Orr Pkwy	New 2 lane road	\$6,400,000	
2021-25	N	Lazy 5 Pkwy	W Sun Valley Arterial to Pyramid Hwy	New 4 lane road west of Pyramid Hwy transitioning to 2 lanes at future development entrance	\$27,600,000	
2021-25	N	Lemmon Drive	US 395 to Military Rd	Widen 4 to 6 lanes - US 395 to Military Rd	\$22,500,000	
2021-25	N	Lemmon Drive	Fleetwood Dr to Chickadee Dr	Widen 2 to 4 lanes - Fleetwood Dr to Chickadee Dr	\$39,000,000	
2022-26	N	Loop Rd	Salomon Circle to Eastern Slope Rd	New 2 lane road	\$4,900,000	Project Removed due to feasibility/need
2026-30	N	Military Rd	Lemmon Dr to Echo Ave	Widen 2 to 4 lanes	\$25,412,000	
2026-30	N	Moya Blvd	Red Rock Rd to Echo Ave	Widen 2 to 4 lanes	\$19,678,000	
2026-30	N	Moya Blvd Extension	Lemmon Dr to Echo Ave	New 2 lane road	\$74,100,000	New Project - 1st 2 lanes not RRIF Eligible
2026-30	N	N. Hills Blvd	Golden Valley Rd to Buck Dr	Widen 2 to 4 lanes	\$20,465,000	New Project
2021-25	N	N/S Connector Rd	Stonebrook Pkwy to Wingfield Hills Rd	New 2 lane road	\$8,400,000	
2026-30	N	North Virginia St	McCarran Blvd to Panther	Sidewalks and bike lanes. An off-street shared-use path may be considered	\$17,878,000	
2026-30	N	North Virginia St	Panther to Stead Blvd	Widen from 2 to 4 lanes and multimodal improvements	\$43,291,000	
2021-25	N	Oddie Blvd/Wells Ave	I-80 to Pyramid Way	Multimodal improvements	\$36,000,000	
2022-26	N	Rain Blvd	Ferrari MeLead to Raggio Pkwy	Interchange improvements	\$7,700,000	Improvements constructed
2017-21	NS	Pedestrian & Bicycle Facility Improvements	Spot improvements systemwide based on ADMP	\$1 million per year	\$5,500,000	Program removed from RRIF eligibility and RRIF funding
2022-26	NS	Pedestrian & Bicycle Facility Improvements	Spot improvements systemwide based on ADMP	\$1.20 million per year	\$6,400,000	Program removed from RRIF eligibility and RRIF funding
2021-25	N	Pyramid Hwy/Sun Valley/US 395 Connector Phase 1	Queen Way to Golden View	Widen Pyramid to 6 lanes from Queen Way to Golden View	\$54,100,000	
2026-30	N	Pyramid Hwy/Sun Valley/US 395 Connector Phase 2	Disc Drive Widening	Widen Disc drive from Pyramid Hwy to Vista Blvd	\$22,300,000	New Project
2026-30	N	Red Rock Rd	US 395 to Placerville Drive	Widen 2 to 4 lanes	\$58,246,000	
2026-30	NS	Sierra Street	California Ave to 9th St	Widen sidewalks & add bike lanes	\$5,060,000	
2021-25	N	Sky Vista Pkwy	Lemmon Dr to Silver Lake Rd	Widen 2 to 4 lanes	\$15,800,000	
2021-25	NS	Sparks Blvd	Greg to Baring	Multimodal improvements, widen 4 to 6 lanes - Greg to I-80, widen 4-6 lanes - I-80 to Springland	\$40,000,000	
2026-30	NS	Sparks Blvd	Greg to Baring	Multimodal improvements, widen 4 to 6 lanes - Greg to I-80, widen 4-6 lanes - I-80 to Springland	\$44,977,000	
2017-21	N	Stonebrook Parkway	La Posada Dr to N/S Connector Rd	New 2 lane road	\$11,300,000	Improvements constructed
2021-25	N	Stonebrook Parkway	N/S Connector Rd to Pyramid Highway	New 2 lane road	\$8,100,000	
2021-25	N	Sun Valley Blvd	7th Ave to Scottsdale	Multimodal improvements	\$25,000,000	
2017-21	NS	Traffic Signals: ITS Operations & Intersections	Systemwide	\$2.6 million per year	\$14,100,000	Program removed from RRIF eligibility and RRIF funding
2022-26	NS	Traffic Signals: ITS Operations & Intersections	Systemwide	\$3.32 million per year	\$16,600,000	Program removed from RRIF eligibility and RRIF funding
2021-25	N	Victorian Avenue	16th Street to Pyramid Way	Bike lanes	\$2,300,000	
2026-30	N	Vista Blvd	I-80 to Prater Way	Widen 4 to 6 lanes	\$11,244,000	New Project
2021-25	N	Whitelake Parkway	US 395 Interchange Improvements	Interchange improvements	\$28,000,000	Project Cost and description updated
2021-25	N	Whitelake Parkway	US 395 to Town Center North Road	Widen 2 to 4 lanes	\$2,800,000	New Project
2021-25	N	Wingfield Hills Rd	Existing Wingfield Hills Rd west to David Allen Pkwy	New 4 lane road	\$5,000,000	

**ATTACHMENT B
SOUTH CAPITAL IMPROVEMENT PLAN**

Timeframe A #1	Service Area	Roadway	Limits	Description	RTP \$	Comments
2017-21	S	2nd Street	Keystone Ave to I-580	Multimodal improvements (corridor study completed) Phase 1	\$3,000,000	Project Removed due to feasibility/need
2021-25	S	4th Street (Reno)	Keystone Avenue to Evans Ave	Enhanced sidewalks and bus/bike lanes, intersection improvements	\$35,000,000	
2022-26	S	Arrowcreek Pkwy	Wedge Pkwy to Zolezzi Ln	Widen 2 to 4 lanes	\$8,300,000	Moved to RTP outer years (2031-2050)
2021-25	S	Center Street	Moran to 9th Street	Widen sidewalks & add bike lanes	\$10,000,000	
2021-25	S	Damonte Ranch Pkwy	Veterans Pkwy to Rio Wrangler Pkwy	New 2 lane road	\$7,100,000	1st 2 lanes not RRIF Eligible
2026-30	S	Damonte Ranch Pkwy	I-580 to Double R	Roadway widening	\$4,723,000	New Project
2021-2025	S	Day Break	South Meadows Pkwy to Rio Poco Rd	Traffic and circulation improvements	TBD	New Project
2017-21	S	Forest Street	California Avenue to Mount Rose Street	Bike facility	\$4,100,000	Project Removed due to feasibility/need
2022-26	S	Geiger Grade	Toll Rd to Rim Rock	Widen 2 to 4 lanes	\$26,300,000	Project Removed due to feasibility/need
2026-30	S	Geiger Grade Realignment	Virginia St to Toll Rd	New 4 lane road	\$84,445,000	1st 2 lanes not RRIF Eligible
2017-21	S	Glendale Ave	Kietzke Ave to McCarran Blvd	Pavement reconstruction & multimodal improvements	\$46,400,000	Improvements constructed
2026-30	S	Keystone Ave	California to I-80	Multimodal improvements and Truckee River bridge replacement	\$61,169,000	
2022-26	S	Kietzke Ln	Virginia St to Galletti Way	Multimodal improvements Phase 2	\$10,700,000	Moved to RTP outer years (2031-2050)
2017-21	S	Kietzke Ln	Virginia St to Galletti Way	Multimodal improvements Phase 1	\$4,800,000	Moved to RTP outer years (2031-2050)
2021-25	S	McCarran Blvd	Kietzke to Greensboro	Intersection and Operations	\$10,000,000	New Project
2026-30	S	Mill Street	Kietzke to Terminal	Roadway widening and multimodal	\$60,000,000	New Project
2026-30	S	Mill St/Terminal Way	Reno Tahoe International Airport to Lake St (downtown Reno)	Multimodal & intersection improvements, add EB lane from Kietzke Ln to US 395	\$27,436,000	
2017-21	NS	Pedestrian & Bicycle Facility Improvements	Spot improvements systemwide based on BMP	\$1 million per year	\$5,500,000	Program removed from RRIF eligibility and RRIF funding
2022-26	NS	Pedestrian & Bicycle Facility Improvements	Spot improvements systemwide based on BMP	\$1.20 million per year	\$6,400,000	Program removed from RRIF eligibility and RRIF funding
2026-30	S	Pembroke Drive	McCarran Blvd to Veterans Pkwy	Roadway widening and multimodal	\$19,790,000	New Project
2022-26	S	Plumb Lane	Lakeside Drive to Kietzke Lane	Sidewalks and bike lanes	\$8,200,000	Moved to RTP outer years (2031-2050)
2026-30	S	Rio Wrangler Extension North	South Meadows Pkwy to Bucephalus Pkwy	New 2 lane road	TBD	New Project - 1st 2 lanes not RRIF Eligible
2026-30	S	Rio Wrangler Extension South	Damonte Ranch Pkwy to Veterans Pkwy	New 2 lane road	TBD	New Project - 1st 2 lanes not RRIF Eligible
2026-30	S	S. Virginia Street	I-580 to Longley	Add NB Lane	\$23,613,000	New Project
2026-30	NS	Sierra Street	California Ave to 9th St	Widen sidewalks & add bike lanes	\$5,060,000	
2026-30	S	South Meadows Extension	Mojave Sky Drive to Rio Wrangler	New 4 lane road	TBD	New Project - 1st 2 lanes not RRIF Eligible
2022-26	S	South Virginia Street	E. Patriot Blvd to Mt. Rose Hwy/Geiger Grade	Add sidewalk and bike lane, convert travel lane to bus/bike lane	\$16,000,000	Moved to RTP outer years (2031-2050)
2017-21	S	South Virginia Street	South of Arrowcreek Pkwy to the I-580 interchange	Safety and multimodal improvements including traffic signal and median	\$6,000,000	Moved to RTP outer years (2031-2050)
2021-25	NS	Sparks Blvd	Greg to Baring	Multimodal improvements, widen 4 to 6 lanes - Greg to I-80, widen 4-6 lanes - I-80 to Springland	\$40,000,000	
2026-30	NS	Sparks Blvd	Greg to Baring	Multimodal improvements, widen 4 to 6 lanes - Greg to I-80, widen 4-6 lanes - I-80 to Springland	\$44,977,000	
2026-30	S	Steamboat Pkwy	Promenade Way to Veterans Pkwy	Widen from 4 to 6 lanes	\$4,610,000	New Project
2017-21	NS	Traffic Signals, ITS Operations & Intersections	Systemwide	\$2.6 million per year	\$14,100,000	Program removed from RRIF eligibility and RRIF funding
2022-26	NS	Traffic Signals, ITS Operations & Intersections	Systemwide	\$3.22 million per year	\$16,600,000	Program removed from RRIF eligibility and RRIF funding
2021-25	S	Vassar Street	Holcomb Avenue to Terminal Way	Bike lanes	\$4,300,000	
2021-25	S	Vine Street	Riverside Drive to University Terrace	Bike lanes	\$11,300,000	
2022-26	S	W 2nd Street (Reno)	Keystone Avenue to Galletti Way	Enhanced sidewalks, landscaping, bike lanes	\$40,500,000	Project Removed due to feasibility/need