

Our State Transportation System Funding, Planning, and Communicating for a Statewide System

Kristina Swallow, P.E., Director July 29, 2021

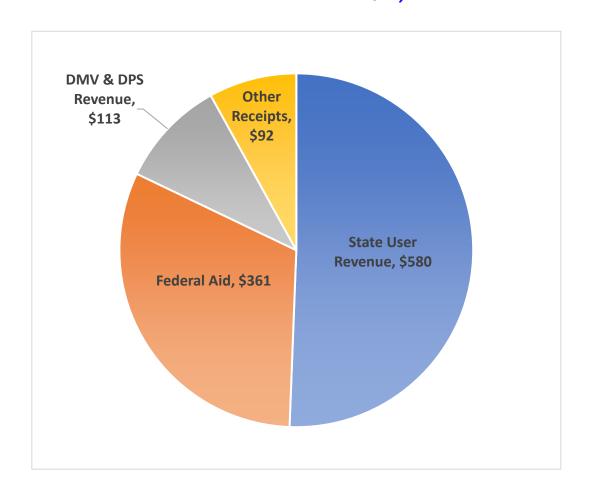


THE NDOT MISSION

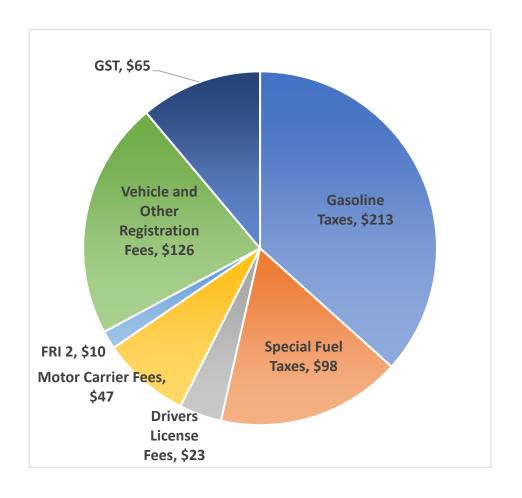




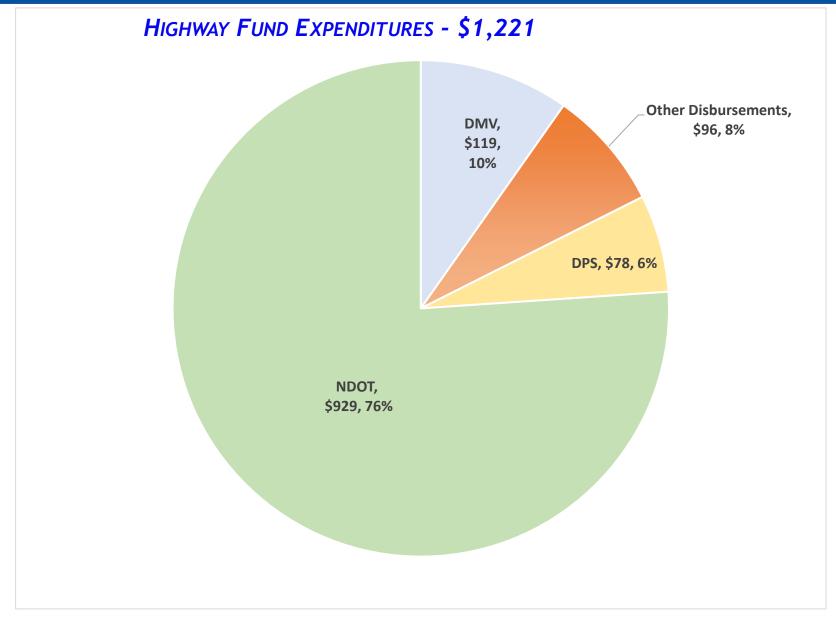
HIGHWAY FUND REVENUE - \$1,146



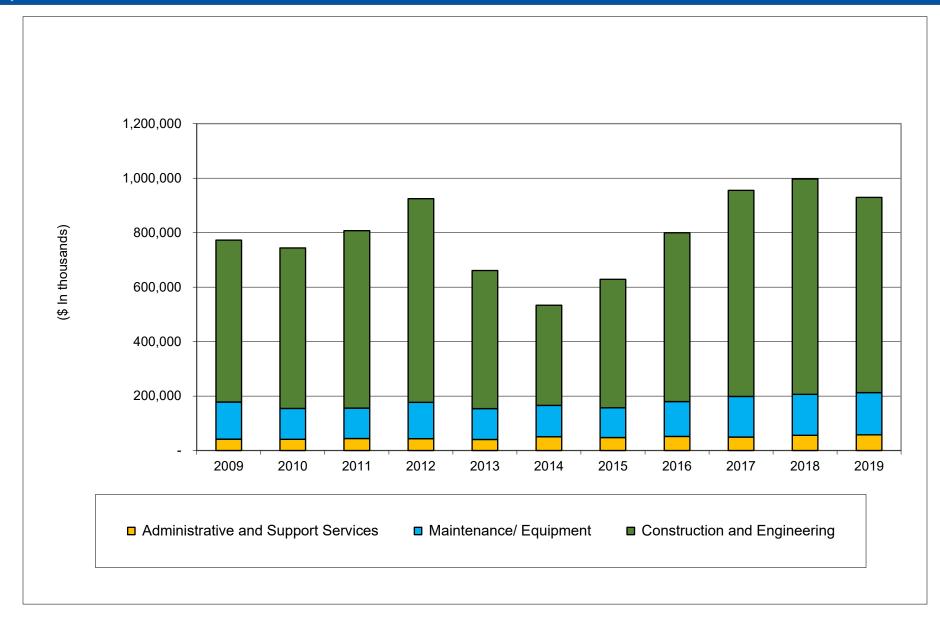
STATE USER REVENUE - \$580













TOTAL STATE TRANSPORTATION SHORTFALL

Other needs:

Safety

Bridge Preservation

System Operations

Freight

Active Transportation

(Bike/Ped)

Transit

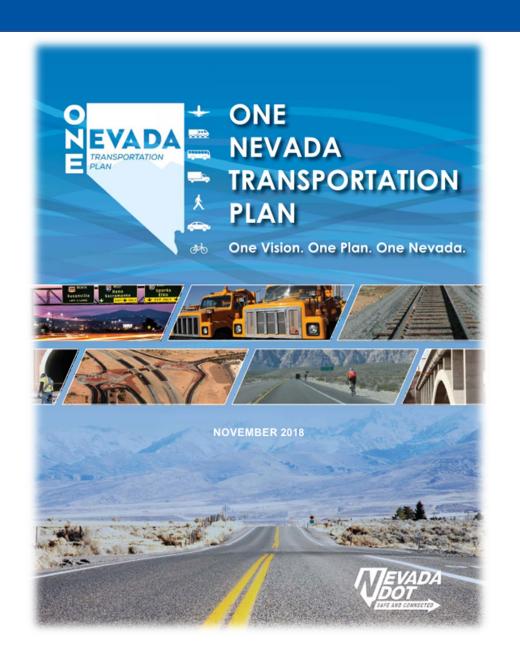
Annual Roadway Shortfall: \$505 Million

Unfunded Transit Needs: \$25 Million



PLANNING INTO THE FUTURE

- Adopted in 2018
- Addresses planning requirements under MAP-21 and FAST Act
- Performance-based long-range transportation plan that establishes six key goal areas
- Aligns with national, regional, and statewide goals
- Establishes framework for a transparent, datadriven prioritization process of long-range, midrange and short-range projects





TRANSPARENT & STRATEGIC INVESTMENTS

NV Transportation Board / One Nevada Transportation Plan



What are we trying to accomplish?

NV Tranportation Board & NDOT



Develop planning financial forecast

How much money will we have to do it?

NV Tranportation Board & NDOT



Determine funding distribution

What kinds of investments will get us to our goals?

NV Tranportation Board & NDOT



Select and implement projects

Make the investments

ND0.



Collect data on transportation system performance

What was the outcome?



Long Range Screening of Needs

Where are the greatest needs? What areas need to be improved to help meet the One Nevada Plan goals?

Investment Allocation and Performance Tradeoffs

Where should we invest to meet statewide performance targets?

Mid-Range Program Level Prioritization

What solutions meet the needs identified? How should we prioritize projects?

Collaborative Project List

NDOT Divisions and NDOT Planning identify all inclusive list of projects

STIP and AWP Project Prioritization

Harmonize STIP projects, Develop Annual Work Program Identify Readiness, Dependencies, Funding Availability



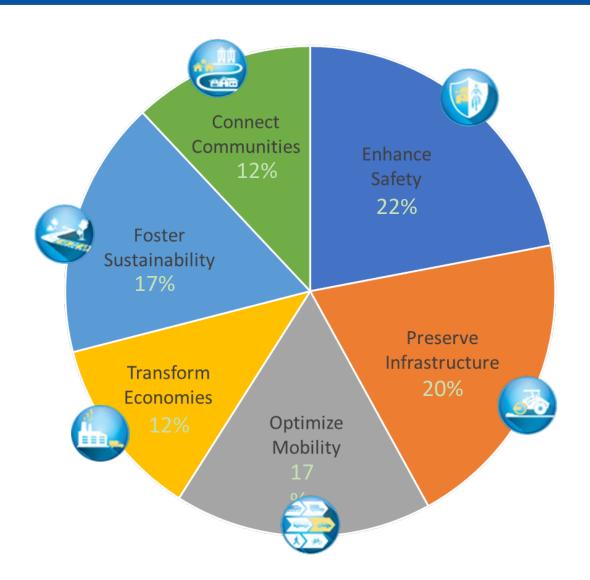
PRIORITIZATION AND HARMONIZATION INPUTS

• Prioritization:

- 6 goal areas
- 15 weighted criteria
- Scores and rank for each project

• Harmonization:

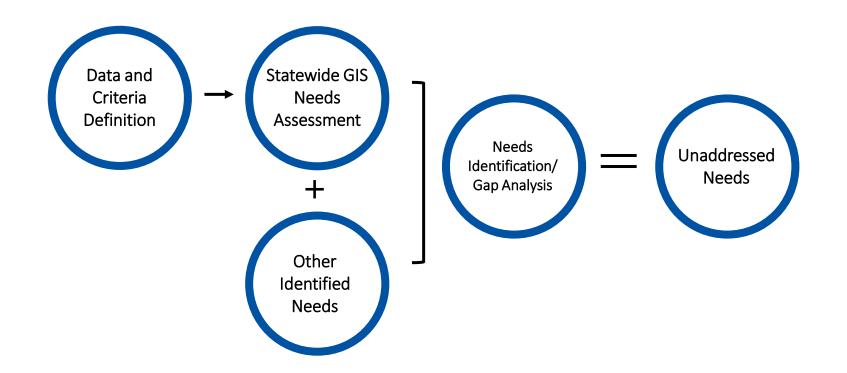
- Funding eligibility
- Readiness year
- Dependencies
- Performance targets
- Geographic distribution





LONG-RANGE SCREENING: UNDERSTANDING NEEDS

Objective: Develop a data-driven process to identify transportation needs across Nevada that align with NDOT's six goal areas, as a primary input to develop and advance project/studies



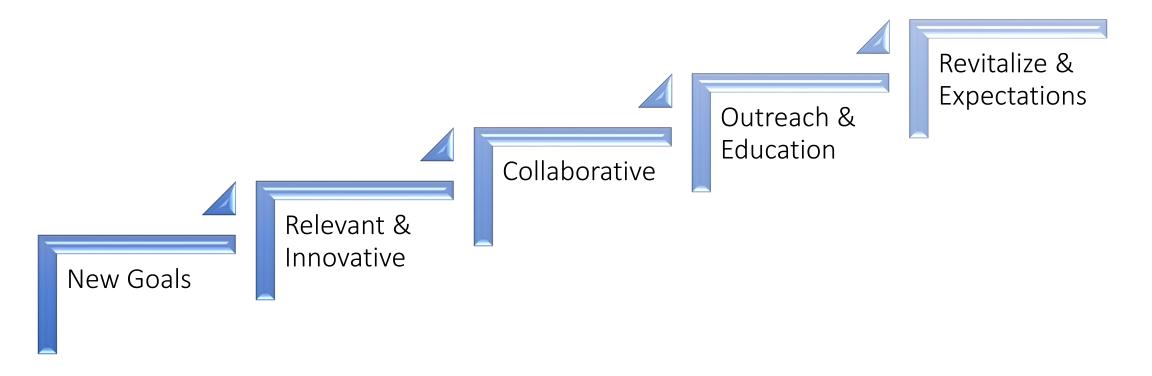


ADVANCING 'SYSTEM NEEDS' TO 'PROJECTS'

- 2021/22: Refining a process to evaluate needs, (Needs assessment too)I for more applicable inputs and tracking, allowing each need to have a tangible forward action based on Needs Assessment results. This is the validation step.
- The process once developed will compare compiled list of ideas with Statewide System Needs Assessment tool and other planning documents (corridor plans. NDOT divisional plans, stakeholder inputs)
 - Advance NDOT ideas with the greatest benefits (e.g., scoping)
 - Revisit long range project ideas based on Needs Assessment to help inform potential funding years based on priority and status (risk/readiness)
 - High priority needs will advance into the outer years of the STIP/Work program



Rural County Consultation Revitalization (RCCR)



NDOT is Stepping Up Our Game



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