



Southern Nevada Traffic Study

Appendix G. INFORMATION GRAPHIC

October 2018

Prepared for



Prepared by HDR

Southern Nevada Traffic Study



ABOUT THE STUDY



The Southern Nevada Traffic Study (SNTS) is a large-scale, systemwide traffic study of the Las Vegas area conducted by NDOT designed to:

- ✓ Identify congestion and mobility needs
- ✓ Evaluate alternatives and develop solutions
- ✓ Perform benefit-cost analysis to quantify return on investment

PURPOSE AND NEED



Population in the valley is growing rapidly. With this growth will come an increase in traffic on freeways and interstates. The purpose of these studies are to:

- ✓ Decrease congestion on roads
- ✓ Address safety

COMMENT



We are seeking your feedback on the *Purpose and Need* and the proposed *PEL Corridor Alternatives* (see back). Please be specific and provide a location. All comments will be public record and included in the final study report.

TO MAKE A COMMENT, PLEASE GO TO: NDOTSNTS.COM

BENEFITS

We're making informed decisions to plan for the future.



Reducing congestion & addressing safety



Moving people and goods more efficiently



Improving access to freeways from local roads



Providing traffic condition tools to plan for the future



CAPITAL COSTS
USER DELAYS
EMISSIONS
SAFETY
VEHICLE OPERATING COSTS

Ability to compare the benefits of projects on separate corridors

LOOKING AHEAD

Existing traffic operational analysis

WINTER 2018

Conceptual Design

Future year traffic operational analysis

SPRING 2018

Benefit-Cost Analysis

SUMMER 2018

Final Report

FALL 2018



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PEL Corridor Alternatives

To bring efficiency to future projects, NDOT is taking a Planning and Environmental Linkages (PEL) approach to several study areas. This approach identifies and considers environmental constraints early in the planning process. Soliciting public and agency stakeholder feedback is part of this process. Decisions made during the PEL process could be used during subsequent National Environmental Policy Act (NEPA) studies.

In the PEL areas, a range of reasonable alternatives were evaluated to decrease congestion while ensuring safety. The alternatives shown here performed well in the evaluation and are therefore still under consideration.

- Study Area
- PEL Area



I-515 ALTERNATIVES UNDER CONSIDERATION

- +1 HOV/GP lane
- Auxiliary lanes in select locations
- Braided ramps in select locations

I-15/I-215/CC-215 ALTERNATIVES UNDER CONSIDERATION

- 2 lane system ramps in select locations
- Braided ramps in select locations

I-515/I-215 ALTERNATIVES UNDER CONSIDERATION

- 2 lane system ramps
- Braided ramps
- Collector distributor road system
- Modified interchange design



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