

Level 1 Screening Results

Alternative ID	Alternative Description	Does the improvement meet the Need of serving growth areas?		Does the improvement meet the Need of Improving east-west routes & access to Sparks and Spanish Springs?		Could the improvement meet the Need of alleviating congestion on Pyramid Highway?		Could the improvement meet the Need of improving safety on Pyramid Highway?		Number of Purpose and Need Elements Met		Does the improvement have no/irresolvable environmental impacts?		Does the improvement use exorbitant costs?		Is the improvement constructable?		Comments	
		Yes	No	Yes**	No	Yes**	No	(1)	(2)	Yes	No	Yes	No	Yes	No	Yes	No		
System Alternatives																			
S-1	No-Action	NO	NO	NO	NO	NO	NO	0	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	By regulation, the No-Action Alternative is carried forward as an alternative and also serves for comparative analyses.
S-2	Widening to Obtain LOS C	YES	NO	YES	YES**	NO	NO	3	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Does not improve east-west connections; does not respond to local corridor plans nor improve multimodal options.
S-3	Widening to Obtain LOS E	YES	NO	NO	YES**	NO	NO	2	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Does not improve east-west connections nor resolve congestion; does not respond to local corridor plans nor improve multimodal options.
S-4	Pedestrian and Bicycle Improvements	YES	NO	NO	NO	NO	YES	1.5	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Does not resolve congestion nor safety on Pyramid; nor improve east-west connections. Could be paired with a highway alternative. Carry forward as a supplementary alternative.
S-5	TDM Improvements	YES	NO	NO	YES**	NO	YES	2.5	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Does not resolve congestion on Pyramid nor improve east-west connections; but could be paired with a highway alternative. Carry forward as a supplementary alternative.
S-6	TSM Improvements (including Transit Enhancements)	YES	NO	NO	YES**	NO	YES	2.5	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Does not resolve congestion on Pyramid nor improve east-west connections; but could be paired with a highway alternative. Carry forward as a supplementary alternative.
Transit Alternatives																			
T-1	Transit - Bus Rapid Transit	YES	NO	NO	YES**	NO	YES	2.5	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Does not resolve traffic congestion on Pyramid nor improve east-west connections, but could be paired with a managed lane highway alternative. Carry forward as a supplementary alternative.
T-2	Transit - Regional Bus	YES	NO	NO	YES**	NO	YES	2.5	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Does not resolve traffic congestion on Pyramid nor improve east-west connections, but could be paired with a highway alternative. Carry forward as a supplementary alternative.
T-3	Transit - Light Rail Transit on new alignment	YES	NO	NO	YES**	NO	YES	2.5	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Does not resolve traffic congestion nor improve east-west connections. Large costs and impacts to connect to downtown Reno, which does not reflect the purpose and need of this study.
Alignment Alternatives																			
H-1	Pyramid Expressway/Arterial	YES	NO	YES	YES**	YES	NO	3.5	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Does not improve east-west connection; does not improve multimodal options. Has high community impacts.
H-2	Pyramid Freeway	YES	NO	YES	YES**	YES	NO	3.5	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Does not provide east-west connection or improve multimodal options. Has high community impacts. A parallel alignment along Pyramid and other components of this alternative may still be considered in other alternatives.
H-3	Pyramid/McCarran Freeways	YES	YES	YES	YES**	YES	NO	4.5	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Carry forward. May not resolve traffic congestion on south Pyramid Way. Note: Would need to be supplemented with multimodal improvement(s) to completely meet Purpose and Need.
H-4	Sparks Boulevard Freeway	YES	NO	YES	YES**	YES	NO	3.5	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Does not provide east-west connection. Does not improve multimodal options. Has high community impacts. Traffic congestion remains on McCarran.
H-5	West Sun Valley Freeway	YES	NO	NO	YES**	YES	NO	2.5	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Does not improve access to northern Sparks or provide an east-west connection, and does not resolve traffic congestion on Pyramid; does not improve multimodal options.
H-6	Pyramid/McCarran/Wedekind Freeway	YES	YES	YES	YES**	YES	NO	4.5	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Carry forward. Note: Would need to be supplemented with multimodal improvement(s) to completely meet Purpose and Need.
H-7	Pyramid/McCarran/Wedekind to Vista Freeways	YES	YES	YES	YES**	YES	NO	4.5	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Carry forward. Note: Would need to be supplemented with multimodal improvement(s) to completely meet Purpose and Need.
H-8	East Sparks Corridor Freeway	NO	NO	NO	NO	NO	NO	0	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Screened out because it does not resolve traffic congestion nor improve safety on Pyramid; does not serve growth; does not address east-west connection; does not respond to local plans.
H-9	US-395 to I-80 Freeway	NO	YES	NO	YES**	YES	NO	2.5	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Screened out because it does not resolve traffic congestion on Pyramid; does not serve growth areas; does not improve multimodal options. Some components are included in other alternatives.
H-10	Pyramid and Sparks One Way Couplet	YES	NO	NO	YES**	YES	NO	2.5	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Does not resolve traffic congestion nor improve east-west connections; does not improve multimodal options.
H-11	Pyramid and Rock One Way Couplet	YES	NO	NO	YES**	YES	NO	2.5	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Does not resolve traffic congestion nor improve east-west connections; does not improve multimodal options.
H-12	Reversible lanes for Pyramid, Sparks and Vista Roadways	NO	NO	NO	YES**	YES	NO	1.5	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Does not resolve traffic congestion nor improve east-west connections; does not serve growth areas; does not improve multimodal options.
H-13	US-395 to Pyramid Freeway	NO	YES	NO	YES**	YES	NO	2.5	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Screened out because it does not resolve traffic congestion on Pyramid; does not serve growth areas; does not improve multimodal options. Some components are included in other alternatives.
H-14	US-395 to I-80, Wedekind, and Pyramid Freeways	YES	YES	YES	YES**	YES	NO	4.5	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Carry forward. Note: Would need to be supplemented with multimodal improvement(s) to completely meet Purpose and Need.
H-15	US-395 to I-80 and Pyramid Freeways	YES	YES	YES	YES**	YES	NO	4.5	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Carry forward. Note: Would need to be supplemented with multimodal improvement(s) to completely meet Purpose and Need.
H-16	US-395 to Vista and West Sun Valley Freeways	YES	YES	YES	YES**	YES	NO	4.5	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Carry forward. Note: Would need to be supplemented with multimodal improvement(s) to completely meet Purpose and Need.
H-17	US-395 to Vista and Pyramid Freeways	YES	YES	YES	YES**	YES	NO	4.5	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Carry forward. Note: Would need to be supplemented with multimodal improvement(s) to completely meet Purpose and Need.
H-18	US-395 to Vista, West Sun Valley, and Pyramid Freeways	YES	YES	YES	YES**	YES	NO	4.5	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Carry forward. Note: Would need to be supplemented with multimodal improvement(s) to completely meet Purpose and Need.
Lane Type Options to be Considered for the above Highway Alignment Alternatives*																			
L-1	General Purpose Lanes on new and/or improved facilities	YES	YES**	YES**	YES**	YES**	NO	4.5	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Carry Forward as a supplementary alternative. Build Alternatives should consider an option for General Purpose lanes.
L-2	HOV Lanes on new and/or improved facilities	YES	YES**	YES**	YES**	YES**	YES	5	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Carry Forward as a supplementary alternative. Build Alternatives should consider an option for HOV facilities.
L-3	Toll Lanes on new and/or improved facilities	YES	YES**	YES**	YES**	YES**	YES	5	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Carry Forward as a supplementary alternative. Build Alternatives should consider an option for Toll facilities. Needs state legislative action.
L-4	Reversible Lanes	YES	YES**	YES**	YES**	YES**	NO	4.5	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Carry Forward as a supplementary alternative. Build Alternatives should consider an option for Reversible Lanes.
L-5	HOT Lanes on new and/or improved facilities	YES	YES**	YES**	YES**	YES**	YES	5	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Carry Forward as a supplementary alternative. Build Alternatives should consider an option for HOT facilities. Needs state legislative action.
L-6	FAIR Lanes on new and/or improved facilities	YES	YES**	YES**	YES**	YES**	YES	5	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Carry Forward as a supplementary alternative. Build Alternatives should consider an option for FAIR facilities. Needs state legislative action.
L-7	Truck Lanes on new and/or improved facilities	YES	YES**	NO	YES**	YES**	NO	3.5	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	Dedicated truck facilities would not resolve general purpose lane congestion on Pyramid; does not improve multimodal options.

** Further analysis is required to analyze the extent this improvement could meet the Need.

* Lane Types developed as supplemental options, not evaluated as stand-alone alternatives

