Appendix C

Results



Alterna	ives	Project information																	Overall Pr	oject Scor	'e														r Term							
																																		Screening/In	Less than \$30		Overall Project	Partnership	ear Term Priori	Extending	Stakeholder	ar .
Study	Location	Description	Cost	Forecasted Corridor AADT	Notes		Improvi	ing Safety			Structure	Preserve In	frastructure				Optimize		Weighter		Tr	ansform E		m	Intermodal/		Sustaina	bility			Total Weighted	B/C T	within ex.	R/W Clearance	Mil.	Implementable	Rating	Opportunities F	Forward Compatibility	Lifetime Ris	sk Profile Acceptance	Total Rating
						Severity Rate 40.0% 20.09	h Crash Reduction (CMF) % 40.0%	Score Safe	Weigi safety: 27.1		Structure Sufficiency Rating	Struct. Deficient or Funct. Obsolete	Total Infrastructure Score	Preserve infrastructure Rating	Weighted Preserve Rating	AADT Reduction 35.0% 40.0%	ency 25.0%	Score 100.0%	Mobility Mobility Rating Rating  27.5%	Truck Percentag	pe Freight Reliability 25.0%	Support Economi Development 50.0%	Total Transform Economic Economic Score Rating	es Weighted Economies Sco 25.0%	Intermodal/ Technology ore Accommodation 40.0%	Financial/Staffing Sustainability 40.0%	Environmental Effects 20.0%	Score	Sustainability Rating	Weighted Sustanability Score 7.5%		Ratio S		ail Pass/fail	Pass/Fail	Pass/Fail						
Project Reno Sparks Freew Number Traffic Study	ıy																																									
1	US 395	Widen US-395 from Clear Acre Lane to Red Rock D (MP 27.06 to 35.81)			Peak Corridor AADT south of Parr. Construction Cost and Cal BC from the RSFTS (Pg 54)	13.6 10.0	0 40.0	63.6	<b>3</b> 17.	<b>.5</b> 37.5	9.4	5.0	51.9	•	6.5	16.9 12.0	0.0	28.9	· 7.9	25	25.0	12.5	62.5	15.6	13.3	40.0	10.0	63.3	•	4.7	52.3	8.8	61.1 Yes	Yes	No	Fail						
2	I-80 East	Widen I-80 from McCarran Boulevard to USA Parks (MP 17.56 to 32.75)  New Auxiliary Lanes between interchanges:	\$370 mil	78,000	Construction Cost and Cal BC from the RSFTS (Pg 54)	13.2 10.0	0 40.0	63.2	<b>3</b> 17.	A 11.7	9.4	5.0	26.1	•	3.3	11.5 40.0	0.0	51.5	14.2	25	16.6	25.0	66.6	16.7	13.3	40.0	20.0	73.3	9	5.5	57.0	3.9	60.9 Yes	Yes	No	Fail						
		NB I-580 Moana Ln to Virginia St (MP 22.56 to 21.51)     NB I-580 Neil Rd/Meadowood Mall to S. Virginia	ı St.		Peak Corridor AADT south of				0					0					© 7.9				50.0						0								0	0	•	•		•
3	1-580	(MP 20.72 to 21.51) 3. SB I-S80 Moana Ln to Virginia St/Kietzke Ln (MP 22.56 to 21.51) 4. SB I-S80 Neil Rd/Meadowood Mall to S. Virginia		145,700	Moana. Construction Cost and Cal BC from the RSFTS (Pg 54)	12.4 13.3	3 26.7	52.4	14	A 37.5	9.4	0.0	46.9	•	5.9	16.9 12.0	0.0	28.9	7.9	12.5	25.0	12.5	50.0	12.5	0.0	40.0	10.0	50.0	•	3.8	44.5	1.2	45.7 Yes	Yes	Yes	Pass	•	0				
4	I-80 West	(MP20.72 to21.51)  Widen EB I-80 Robb Drive to Keystone Avenue (MI 9.23 to 12.48)	\$13.4 mil	133,100	Construction Cost and Cal BC from the RSFTS (Pg 54)	11.6 10.0	0 40.0	61.6	<b>3</b> 16.	.9 15.6	9.4	5.0	30.0	•	3.8	17.7 12.0	0.0	29.7	O 8.2	18.75	8.3	12.5	39.6	9.9	0.0	40.0	10.0	50.0	0	3.8	42.5	1.4	43.9 Yes	Yes	Yes	Pass	0	0	3	0	0 0	0
					Possible alternative route for I80, especially when combined with																																		í			
s EDAWN La Posada Study	La Posada Alternatives	Potential roadway connection from La Posada to L Parkway	SA \$160 mil	5,000	US395 connector. This may mitigate the high traffic numbers being forecasted to originate from the north valleys to TRIC. It is possible for the environmental document to be an EA, but risky to assume that level of effort. Assume EIS at this time.	13.2 10.0	0.0	23.2	<b>.</b>	4 11.7	9.4	5.0	26.1	O	3.3	5.4 40.0	16.7	62.1	17.1	0.0	0.0	37.5	37.5	9.4	13.3	0.0	0.0	13.3	o	1.0	37.1	1.1	38.2 No	No	Yes	Fail						
6 Sparks TMSA Study	La Posada				(See project 5)																																					
7 NDOT South Mead Evaluation	ws South Meadows Connector	New alignment from South Meadows to USA Parks	way \$725 mil		Wizard estimate only.	13.2 10.0	0.0	23.2	· 6.	4 11.7	9.4	5.0	51.9	0	6.5	5.4 14.0	16.7	36.1	© 9.9	0.0	0.0	50.0	50.0	12.5	13.3	0.0	0.0	13.3	·	1.0	36.3	-0.2	36.1 No	No	No	Fail						
s Pyramid/US 395 Connector	Connection between Pyramid	New alignment currently under EIS study	\$857.8 mil		Total roll up cost for all the phases. This project and aspects of it have a synergy with the La	13.2 100	0 40.0	63.2	<b>3</b> 17.	A 37.5	9.4	5.0	51.9	0	6.5	13.1 40.0	25.0	78.1	21.5	0.0	0.0	37.5	37.5	9.4	13.3	0.0	0.0	13.3	•	1.0	55.7	0.6	56.3 No	EtS in final	I No	Fail						
Connector	and US 395 (Overall)	Widen Pyramid Hwy between Queen Way and Spa	rks era za		Posda project for alleviating north valley traffic needing to travel to TRIC.	17.2 10.0					9.4	0.0	34.4	•		14.0 10.0	8.3		© 8.9		25.0	12.5				40.0	10.0	50.0	0	3.8	44.8	1.3		phase now	v							
10	Phase 2 Phase 3	Blvd. (MP 1.97 to 5.44) Widen Disc Dr. from Pyramid hwy. to Vista Blvd. Construct new US 395 Connector from Parr		_		16.8 10.0 13.2 10.0	0 40.0		<b>3</b> 18.	A 25.0	0.0	0.0	25.0	0	3.1	5.4 10.0 13.1 20.0	0.0		· 4.2	0.0	0.0	12.5	12.5		0.0	40.0	10.0	50.0	0	3.8	32.6 47.9	1.5	34.1 No	phase now EIS in final phase now	V Yes	1						
12	Phase 4 Phase 5	interchange to Pyramid Highway  Add new direct connect Ramps at US395 w/ wider of US395  Widen Pyramid highway from Sparks Blvd. to Calle	sing \$85.8 mil			13.2 10.0 13.2 10.0	0 40.0	+ + +	<b>3</b> 17.	A 37.5	9.4	5.0	51.9 51.9 25.0	0	6.5	13.1 20.0 13.1 10.0 11.7 10.0	25.0	49.8	13.7 13.2 3 8.3	0.0	0.0	12.5	12.5	3.1	0.0	20.0	0.0	20.0	0	1.5	41.7	0.3	42.0 No 42.5 No	phase now EIS in final phase now	I No	Fail						
14	Phase 6	La Plata (MP 5.44 to 9.75)  New interchange near Sun Valley local improveme		+		13.2 10.0	_				+	5.0	51.9	0		13.0 32.0			17.0		0.0	37.5		9.4	+	40.0	0.0	50.0	0	0.0	42.4 50.2	0.1		phase now	v NO	1						
SEC Alignment Stud Storey County Lane Use																																										
15	Patrick/I-80 Interchange Lockwood/I-80	Reconstruct Interchange  Reconstruct Interchange	\$25 mil \$25 mil		MP 28.1	13.20 3.3 14.00 3.3		56.5		.5 0	6.3 9.4	5	9.4	0		11.5 10	8.3 8.3	29.8	<ul><li>8.2</li><li>8.5</li></ul>		16.6	25 25	66.6 • • • • • • • • • • • • • • • • • •	16.7		40	10	50.0	0	3.8	45.5 43.8		47.8 No 46.8 Yes		Yes Yes	Fail Pass	0	0	•		0 0	
17	Interchange Vanpooling	See transit column below	N/A		THE ALCO	14.00 3.3	, 40	37.3		3 0	3.7		2.7	<u> </u>		11.7	0.3	31.0	0.5	23	0.3	25	30.3	14.0		40	10	30.0		3.0	43.0	3.0	40.0	1.0	103	1833						
18	TRIC internal transit/rail	NDOT currently studying as part of inter-county regional transit study	N/A		Cost Benefit anticipated in June. REAP project currently being																																					
19 Reno Spaghetti Bo	I-80/I-580/US 395 System Interchang	Reconstruct Interchange (MP 25.0)	\$1.5 Bil	326,000	solicited as an early action DB project. Estimate at \$135 M to \$165 M.	14.0 10.0	0 40.0	64.0	17.	.6 23.4	9.4	10.0	42.8	•	5.4	25.6 40.0	16.7	82.3	22.6	12.5	25.0	12.5	50.0	12.5	13.3	20.0	10.0	43.3	0	3.2	61.3	3.0	64.3 No	No	No	Fail						
NDOT Autonomous Vehicles Grant	1-80	Feasibility of a pilot AV corridor project			The feasibility of a pilot corridor still being evaluated. Tehnology for autonomous cars still in the	13.20 10.0	0 26.7	49.9	) 13.	.7 11.7	9.4	5.0	26.1	•	3.3	4.3 10	8.3	22.6	<b>⊕</b> 6.2	25	8.3	12.5	45.8	11.5	26.7	20	20	66.7	9	5.0	39.7	1.0	40.7 No	No	No	Fail			i I			
2009 I-80 Corridor Study					undetermined future. Not implementable today.																																					
	Patrick/I-80 Interchange	Reconstruct Interchange (MP 28.1)	\$25 mil		See project 15																																					
	Lockwood/I-80 Interchange Patrick/I-80	Reconstruct Interchange (MP 22.5)  Construct Roundabout ramp termini	\$25 mil \$3 mil		See project 16  To be considered in the																																					
	Interchange  Lockwood/I-80 Interchange	Construct Roundabout ramp termini	\$3 mil		interchange analysis  To be considered in the interchange analysis																																					
21	Eastbound I-80 - McCarran to Spari	Add auxiliary lanes (MP 16.5 to 17.6)	\$14 mil			11.6 16.3	7 26.7	55.0	J 15.	<b>1</b> 11.7	0.0	0.0	11.7	·	1.5	12.8 10.0	0.0	22.8	. 63	25.0	8.3	12.5	45.8	11.5	0.0	40.0	10.0	50.0	0	3.8	38.1	2.6	40.7 Yes	Yes	Yes	Pass	0	·	•	9	<b>.</b>	•
22	Eastbound I-80 McCarran to Vista	Widen to 3 lanes (MP 17.6 to 19.7)	\$20 mil			13.2 16.3	7 40.0	69.9	<b>3</b> 19	2 11.7	9.4	0.0	21.1	· ·	2.6	10.5 10.0	0.0	20.5	© 5.6	25.0	8.3	12.5	45.8	11.5	0.0	40.0	10.0	50.0	0	3.8	42.7	3.8	46.5 Yes	Yes	Yes	Pass	0	·	•	•		•
	Eastbound I-80 Vista to Lockwood	Add auxiliary lane	\$34 mil		Aux lanes would not be justified - widen to 3 lanes																																					
	Eastbound I-80 Vista to Patrick	Widen to 3 lanes	\$96 mil		See RSFTS for I-80 improvement. Potential phasing TBD				2							_													~											2		
23	Westbound I-80 Sparks to McCarra Westbound I-80	n Add auxiliary lane (MP 16.5 to 17.6)  Widen to 3 lanes (MP 17.6 to 19.7)	\$14 mil \$20 mil			11.6 16.3		55.0	15.		9.4	0.0	21.1	•		12.8 10.0 10.5 10.0	0.0	22.8	© 6.3		8.3	12.5	45.8			40.0	10.0	50.0	0	3.8	38.1 42.7		42.8 Yes		Yes Yes	Pass Pass	0	•			•	
-	Vista to McCarran Westbound Lockwood to Vista	Add suviliary lane	\$20 mil \$171 mil		Aux lanes would not be justified - widen to 3 lanes	29.2 16.3	. 40.0	E.co	_ 19.	_ 11.7	5.4	0.0	21.1	~	2.0	10.0	0.0	20.5	5.6	25.0	8.3	12.5	43.0	11.5	0.0	40.0	10.0	U.Uc	•	3.6	44.7	3,1	47.8 Yes	res	res	rd55	-		-	-		
	Westbound Patric to Vista	'	\$127 mil		See RSFTS for I-80 improvement. Potential phasing TBD																																					
25 Freight		E. McCarran to Wadsworth	\$1 mil		Construct fiber and conduit structure only	13.2 10.0	0 13.3	36.5	10.	.0 11.7	0.0	0.0	11.7	· ·	1.5	10.6 12.0	0.0	22.6	· 6.2	25.0	8.3	12.5	45.8	11.5	13.3	40.0	10.0	63.3	•	4.7	33.9	2.0	35.9 Yes	Yes	Yes	Pass	· ·	0	0	•	• •	•
Nevada State Freig Plan 26	I-80 Safety	Eastern Truckee Canyon (USA Parkway interchange	\$7 mil		This project has advertised for	13.2 10.0	0 40.0	63.2	① j7	A 0.0	0.0	0.0	0.0	0	0.0	11.9 20.0	0.0	31.9	© 8.8	25	16.6	12.5	54.1	13.5	0.0	40.0	10.0	50.0	0	3.8	43.4	3.9	47.3 Yes	Yes	Yes	Pass	3	O	3	•	3 0	9
27	I-80 USA Parkway Interchange	improvements)  New interchange with possible direct connect syst		4,400	construction  Replace interchange (direct connect system)	13.2 3.3				.5 0.0	6.3	5.0	11.3	•		11.9 10	8.3	23.8	· 6.5		16.6	25.0	66.6			20.0	10.0	30.0	•	2.3	42.4		44.1 No									
28	Lockwood Interchange	New interchange including bridge over the Truckee	\$64 mil	305	See project 16																																					
NDOT Statewide To Parking Implementation PI	n																																									
Other  29 McCarran SMP	McCarran Interchange	Construct new interchange at McCarran Boulevard	\$37.0 mil		Includes realignment of frontage roads to meet current control of access requirements	13.2 6.7	40.0	59.9	16.	.5 11.7	9.4	5.0	26.1	o	3.3	18.9 10.0	8.3	37.2	10.2	18.8	8.3	25.0	52.1	13.0	0.0	40.0	10.0	50.0	0	3.8	46.7	1.9	48.6 No	No	No	Fail						
30 City of Sparks	Sparks Interchang	Construct new interchange at Sparks Blvd.	\$37.0 mil			13.2 6.7	40.0	59.9	16.	.5 11.7	9.4	5.0	26.1	•	3.3	18.9 10.0	8.3	37.2	© 10.2	18.8	8.3	25.0	52.1	13.0	0.0	40.0	10.0	50.0	•	3.8	46.7	1.9	48.6 No	No	No	Fail						
	Vista Interchange	Construct new interchange at Vista Blvd.	\$37.0 mil			13.2 6.7	40.0	59.9	16.	.5 11.7	9.4	5.0	26.1	· ·	3.3	18.9 10.0	8.3	37.2	<b>(b)</b> 10.2	18.8	8.3	25.0	52.1	13.0	0.0	40.0	10.0	50.0	0	3.8	46.7	1.9	48.6 No	No	No	Fail						
31 City of Sparks	Clean Water Way	Clean Water bypass (from Veterans Pkwy to I-	\$15.0 mil		Adds a direct connect eastbound	13.2 6.7	7 40.0	59.9	16.	.5 11.7	9.4	5.0	26.1	· ·	3.3	18.9 12.0	8.3	39.2	© 10.8	0.0	0.0	25.0	25.0	6.3	0.0	40.0	0.0	40.0	0	3.0	39.8	2.2	42.0 No	No	No	Fail						
32 RTC		80)(Eastbound)			on ramp to I-80	] ]																																				

Alterna	tives	Project information					Overall Project Score																			Near Term Screening/Implementable					Near Ter	rm Prioriti	ria									
				Forecasted		Impro	oving Safety			F	Preserve Inf	rastructure				Optim	ize Mobi	ility			Trans	form Eco	nomies				Sus	tainability				Score	wi	E hin ex. R/W	EA/CE NEPA I	Less than \$30 Mil. Imple	Ove	rall Project Partner Rating Opportu	hip ities Forward Cor	Exte mpatibility Life	ending etime Risk Profile	Stakeholder Acceptance Total Ratio
33 I80 Reversible lane	Vista to USA	Reversible lanes from Vista to USA Pkwy	\$225 mil	Concept provides one revers lane along the WB outside shoulder		10.0 40.0	63.2	17.4	11.7	9.4	5.0	26.1	O	3.3	11.9 3	.0 0.0	43.9		12.1	25	8.3	12.5	45.8	11.5	26.7	20.0	10.0	56.7	0	4.3	48.4	2.0	50.4	No	No	No	Fail					
Eagle Canyon 34 Alignment	Lemmon Valley t	to New alignment from Spanish Springs to Lemmon Valley (8.2 mi)	\$57 mil	Concept provides one revers lane along the WB outside shoulder	ble 13.2	10.0 0.0	23.2	0 6.4	11.7	9.4	5.0	26.1	O	3.3	2.9 4	1.0 16.7	61.3	3	16.4	0	0.0	25.0	25.0	6.3	0.0	0.0	0.0	0.0	0	0.0	32.8	-0.9	₩ 31.4	No	No	No	Fail					
Transit/Rideshare									1																																	
RTC Commuter Rail				2400 est. ridership in 2040.  implementable designation  listed as no at this time. The  ridership costs would not m  economically fessible to the  consumer at this time. The  of way for the all line would  to be negotiated with UPRR  that process has not started	ke it ght have and																																					
TESLA Park and Ride																																										
RTC Vanpool																																										
Operational Agence	/ Plans													<u>,                                      </u>																												
NDOT Inter-County Regional Transit Pla	and n																																									
EDWAN Transit Management Association																																										