Kelowna Roads Task Force Alternative Evaluation Matrix Support Worksheets

Objective 1 Hig	hway Best meets	Best meets or exceeds the traffic performance measures in the subject area for Highway 97, as outlined in the city's agreement														
Traffic with the province.																
				Option 1 T-Model Projection		Opti	Option 9		Option 12		Option 13		Option 14		Option 19	
Quantitative Analysis		Re	Required					T-Model Projection		T-Model Projection				T-Model Projection		
		AM Peak	PM Peak	Q.	AM Peak	PM Peak	AM Peak	PM Peak	AM Peak	PM Peak	AM Peak	PM Peak	AM Peak	PM Peak	AM Peak	PM Peak
Mean travel speed – EB/WB km/hr		33/20	25/20	10%												
Average delay per vehicle – EB/WB sec		6/10	11/11	\$												
Arterial Level of Service – EB/WB		C/D	D/E	ē												
Number of Intersections with		0	0													
average delay > 1.0 minutes				و												
Number of E-W thru movements with > LOS "E"		S "E" 0	0	Ē												
Number of E-W thru movements with $V/C > 1.0$		> 1.0	0	ma												
Number of E-W turn movement queues > storage		orage 0	0	등												
length of turning lanes for 95th percentile queue		ueue		Ğ												
Volume at peak hours eastbound and westbound		ound		proje												
(65% - 75% to/from Hwy 97 and 25% - 35%		5% 3500	3850	٥												
from Abbott St.)																

Qualitative Analysis
Comments in support

Option 1

Option 9

Option 12

Option 13

Option 14

Option 19

Qualitative Analysis
Comments in opposition

Option 1

Option 1

Option 1

Option 1

Option 12

Option 12

Option 13