

Spring 2025 Link (by link type) $\alpha = 0.15$ and $\beta=4.0$	Length d	Lanes (new)	Capacity (new)	Update or Addition	Link Cost	Node Cost	Penalty	Cost
Units	(miles)		(vph)					
1. Freeway:	60.00							
sub-total								
2. Primary Arterial:	60.00							
sub-total								
3. Major Arterial:	45.00							
sub-total								
4. Minor Arterial:	45.00							
8 to 205 East-bound	0.25	2	900	Minor to Major Arterial	50.00	100.00	1.00	150.00
205 to 210	0.50	2	900	Minor to Major Arterial	100.00	100.00	1.00	200.00
210 to 220	1.00	2	900	Minor to Major Arterial	200.00	100.00	1.00	300.00
220 to 230	1.00	2	900	Minor to Major Arterial	200.00	100.00	1.00	300.00
230 to 130	1.00	2	900	Minor to Major Arterial	200.00	100.00	1.20	360.00
130 to 140	1.00	2	900	Minor to Major Arterial	200.00	100.00	1.20	360.00
140 to 150	1.00	2	900	Minor to Major Arterial	200.00	100.00	1.10	330.00
150 to 7	0.50	2	900	Minor to Major Arterial	100.00	100.00	1.10	220.00
7 to 150 West-bound	0.50	2	900	Minor to Major Arterial	100.00	100.00	1.10	220.00
150 to 140	1.00	2	900	Minor to Major Arterial	200.00	100.00	1.10	330.00
140 to 130	1.00	2	900	Minor to Major Arterial	200.00	100.00	1.20	360.00
130 to 230	1.00	2	900	Minor to Major Arterial	200.00	100.00	1.20	360.00
230 to 220	1.00	2	900	Minor to Major Arterial	200.00	100.00	1.00	300.00
220 to 210	1.00	2	900	Minor to Major Arterial	200.00	100.00	1.00	300.00
210 to 2015	0.50	2	900	Minor to Major Arterial	200.00	100.00	1.00	300.00
205 to 8	0.25	2	900	Minor to Major Arterial	50.00	100.00	1.00	150.00
sub-total					2600.00	1600.00		4540.00
5. Collector Street:	30.00							
sub-total					0.00	0.00		0.00
6. Local Street:	15.00							
320 to 340 (Mtn Blvd)	2.00	1	300	New Local Street	100.00	25.00	1.00	125.00
340 to 345	1.00	1	300	New Local Street	50.00	25.00	1.00	75.00
320 to 220 (2nd Str)	1.00	1	300	New Local Street	50.00	25.00	1.00	75.00
340 to 240 (4th Str)	1.00	1	300	New Local Street	50.00	25.00	1.00	75.00
240-340 (4th Str)	1.00	1	300	New Local Street	50.00	25.00	1.00	75.00
220 to 320 (2nd Str)	1.00	1	300	New Local Street	50.00	25.00	1.00	75.00
345 to 340 (Mtn)	1.00	1	300	New Local Street	50.00	25.00	1.00	75.00
340 to 320 (Mtn)	2.00	1	300	New Local Street	100.00	25.00	1.00	125.00
sub-total					500.00	200.00		700.00
7. Other Links:		Speed (min/mile) =						
sub-total								
8. Ramps:	30.00	Speed (min/mile) =						
sub-total								
9. Centroid Connector	25.00	Speed (min/mile) =						
sub-total								
Grand Total:					3100.00	1800.00		5240.00
Notes:								

Infrastructure Changes

SR-1 upgrade from Minor to Major Arterial (penalties will apply)
 Extend Mtn. Blvd as local street
 Add section of 2nd Str and 4th Str from Miasma to Mtn Blvd.