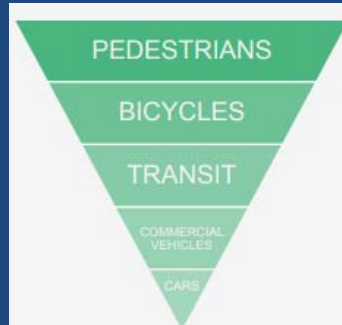




Pedestrian Infrastructure

Education, Planning & Prioritization

From Nanaimo's Transportation Master Plan (2014)



Pedestrian Infrastructure

Education, Planning & Prioritization

Pedestrian infrastructure can be broadly categorized:

- Crossings
- Linear features



Pedestrian Infrastructure

Education, Planning & Prioritization

Nanaimo crossings include:

- Pedestrian signs and pavement markings
- Rectangular rapid flashing beacons
- Three-colour traffic signals



Pedestrian Infrastructure

Education, Planning & Prioritization

Pedestrian Signs and Pavement Markings





Pedestrian Infrastructure

Education, Planning & Prioritization

Rectangular Rapid Flashing Beacons



Pedestrian Infrastructure

Education, Planning & Prioritization

Three-Colour Traffic Signals





Pedestrian Infrastructure

Education, Planning & Prioritization

Linear features include:

- Shoulders
- Sidewalks
- Multi-use paths



Pedestrian Infrastructure

Education, Planning & Prioritization

Separation from higher speed traffic is more comfortable



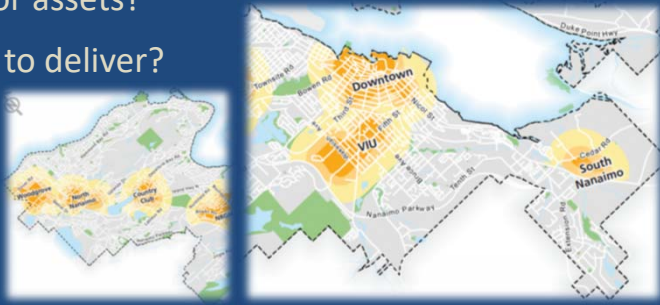
CITY OF NANAIMO

Pedestrian Infrastructure

Education, Planning & Prioritization

Planning of pedestrian infrastructure:

- 5 years, 10 years, the next generation?
- End of life for assets?
- When, how to deliver?



CITY OF NANAIMO

Pedestrian Infrastructure

Education, Planning & Prioritization

Pedestrian infrastructure Design Guidance











Pedestrian Infrastructure

Education, Planning & Prioritization

Prioritization

- Crossings

[illegible]

- **Sidewalks**

Bus Traffic Speed	24 Hr Traffic	Street Closure	Existing Ped Facility (Near Side)	Existing Ped Facility (Far Side)	Closest Intersection	Closest Intersection	SUM OF RISK
70	5200	7.2	GRAVEL SHOULDER (15m)	PAVED SHOULDER (15m)	620	650	136.7
80	8700	0.6	NARROW TRAVEL LANE (4-5m)	PAVED SHOULDER (15m)	0	0	705.5
85	8650	0.2	GRAVEL SHOULDER (15m)	SIDEWALK	122	400	182.7
62	894	0.6	GRAVEL SHOULDER (15m)	SIDEWALK	700	700	1384.1
95	8441	0.6	SHAVED TRAVEL LANE (4-5-5m)	SIDEWALK	25	100	109.8
95	8441	0.6	SHAVED TRAVEL LANE (4-5-5m)	PAVED SHOULDER (15m)	238	100	95.6
95	9560	0.8	PAVED SHOULDER (15m)	PAVED SHOULDER (15m)	800	1000	95.6
58	7700	7.2	SHAVED TRAVEL LANE (4-5-5m)	GRAVEL SHOULDER (15m)	1000	1000	78.6
95	9560	0.8	SHAVED TRAVEL LANE (4-5-5m)	PAVED SHOULDER (15m)	950	1000	72.6
615	6550	10.0	SHAVED TRAVEL LANE (4-5-5m)	SIDEWALK	450	300	71.8



Pedestrian Infrastructure

Education, Planning & Prioritization

Summary

- Annual review
- Small scale and Capital Plan
- Combine strategic priorities and asset renewal
- Walkable neighbourhoods & a connected community