Left-turn Crashes
$y = 1.0836x^2 - 6.9549x + 12.228$
$R^2 = 0.9187$

Right-turn Crashes
$y = 1.6565x^2 - 10.99x + 19.056$
$R^2 = 0.6112$

Right-Angle Crashes
$y = 0.8322x^2 - 5.4287x + 9.7883$
$R^2 = 0.4392$

Side-Impact Crashes
$y = 0.827x^2 - 4.8866x + 8.0664$
$R^2 = 0.4454$

Figure 4: Relationship between lane width and crash rates for different types of collisions (Toronto) –
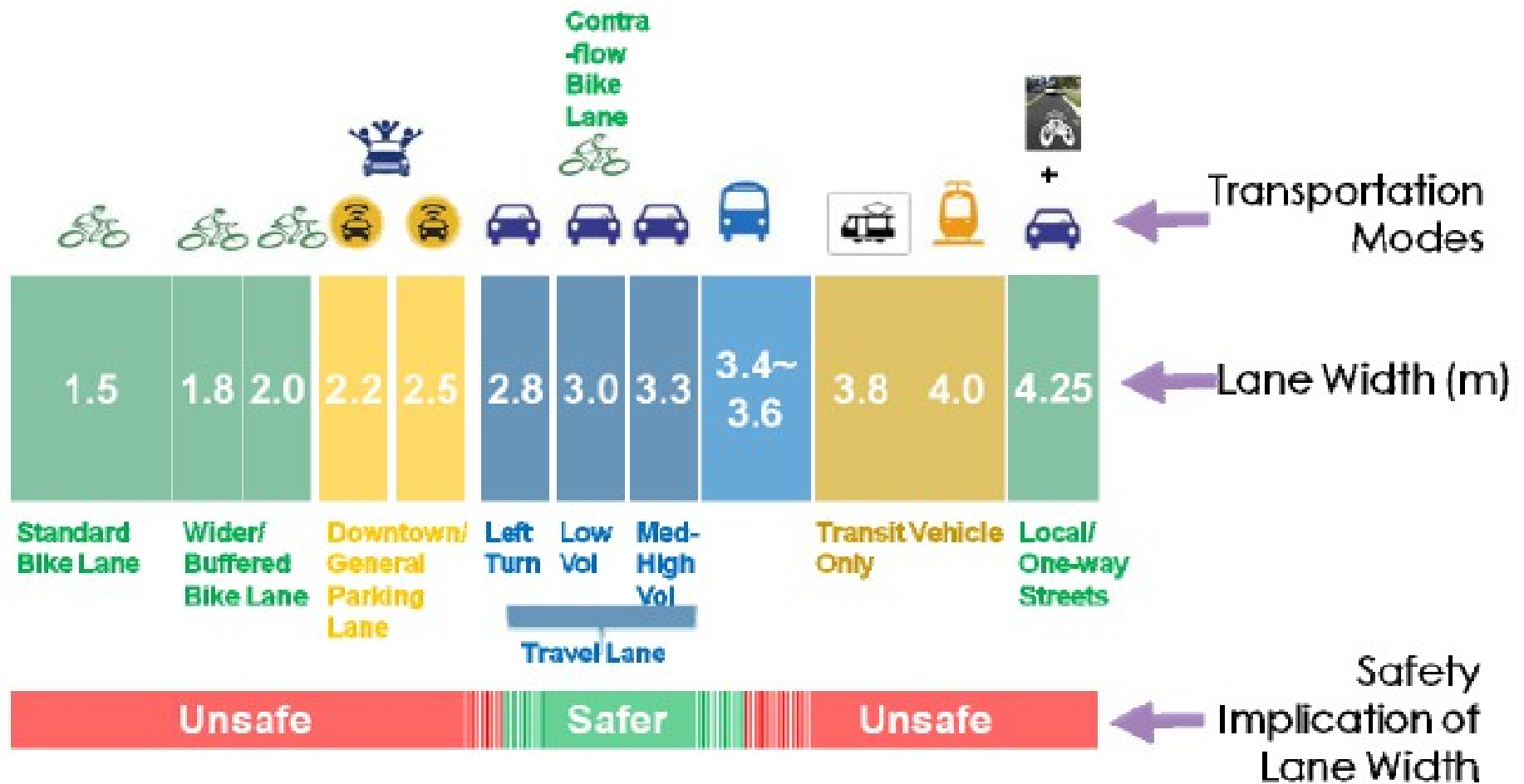Using lane volume only.

Figure 11: Context-based lane width selection for different users and land-use environments