

Safety Performance Analysis of STS Highway between Westport Road and Shannon Park

| Ref. | Location Description | Segment Length (km) | Segment Class | Traffic Volume (AADT) | Collision Frequency (1993 - 2002) | | | | Collision Rate A/MVKm | Average Collision Rate A/MVKm | Severity Index | Average Severity Index |
|------|--|---------------------|---------------|-----------------------|-----------------------------------|--------------|-----|------------|-----------------------|-------------------------------|----------------|------------------------|
| | | | | | Fat | Inj | PDO | Total | | | | |
| 1 | Westport Road Overpass to Sunset Marina LKI: 0506: 1.1 to 3.0 (Eastbound) LKI: 0506: 1.1 to 3.0 (Eastbound) LKI: 2920: 0.0 to 5.0 | 2 | UF | 29380 | 0 | 64 | 74 | 138 | 0.64 | 0.49 | 5.17 | 5.32 |
| | | 5 | RC | 13820 | 4 | 84 | 81 | 169 | 0.67 | 0.54 | 7.82 | 7.39 |
| | | | | | | TOTAL | | 307 | | | | |
| 2 | Sunset Marina to Alberta Creek Bridge LKI: 2920: 5.1 to 12.0 | 7 | RC | 13820 | 4 | 60 | 87 | 151 | 0.43 | 0.54 | 7.20 | 7.39 |
| 3 | Alberta Creek Bridge to Windy Point Slide Area LKI: 2920: 12.1 - 19.0 | 7 | RC | 12568 | 6 | 118 | 121 | 245 | 0.76 | 0.54 | 7.76 | 7.39 |
| 4 | Windy Point Slide Area to North of Porteau Bluffs LKI: 2920: 19.1 - 26.0 | 7 | RC | 12088 | 5 | 65 | 72 | 142 | 0.46 | 0.54 | 8.61 | 7.39 |
| 5 | North of Porteau Bluffs to Britannia Creek Bridge LKI: 2920: 26.1 - 33.0 | 7 | RC | 11778 | 6 | 91 | 128 | 225 | 0.75 | 0.54 | 7.28 | 7.39 |
| 6 | Britannia Creek Bridge to Shannon Park Access LKI: 2920: 33.1 - 40.0 | 7 | RC | 11349 | 5 | 69 | 73 | 147 | 0.51 | 0.54 | 8.59 | 7.39 |