66 The programme of works

The WDC has provided evidence based on robust data and presented information about their own asset's performance against that of their peer group, classifying information under the ONRC customer outcomes and CLoS. They have also provided a narrative of what the information indicates using a written description and a traffic light rating system (detailed previously under this heading).

Overall, the WDC presents relevant and comprehensive detail in a concise format to back up the problems and benefits that they have identified related to sealed roads. This is only one example of what they have done - and what your organisation could do - for one type of asset or problem.



This example demonstrates good practice and fit-for-purpose effort.



6.2.3 Evidence and Gap Analysis

"



















SUMMARY – Whangarei's sealed roads generally have peak and median roughnesses that are the same or worse than the average for their peer group. Smooth travel exposure (STE) is the same or better than the peer group average apart from on urban Arterials and Secondary Collectors which are worse, partially caused by uneven service covers. The Arterial and Secondary Collector crashes are also showing increasing trend of serious injury and fatal loss of control crashes on wet roads.

The amount of sealed road resealed in Whangarei is high when compared to the peer group, but the amount of pavement rehabilitated is low. Sealed road costs in Whangarei are some of the highest in the peer group, which is not a surprise given that Whangarei has the third highest VKT and has poor subgrades and lack of quality pavement materials. Resident satisfaction with the quality of the sealed roads has increased in the last year, which is likely be due to the increase in pavement rehabilitations undertaken in 2015/16.

Overall this indicates that Whangarei is not over maintaining their roads and that their costs are high mainly due to environmental factors (climate, soils, VKT and lack of pavement aggregate).

6.2.4 Options to be Considered

Based on the above data and the problem definition, the following options have been considered for addressing the sealed pavements: