

Attachment 2 Condition Assessment of Existing Grids

Summary of current grid conditions

Road Hierarchy	Region	Total No of Grids	Condition of Grids									
			Poor to Fair		Fair to Acceptable		Acceptable to Compliant		Meets Standard		Requires Further Investigation	
			#	%	#	%	#	%	#	%	#	%
Rural Access	W	159	29	18	66	42	10	6	5	3	49	31
	S	81	4	5	36	44	1	1	1	1	39	48
	C	1	0	0	1	100	0	0	0	0	0	0
Rural Collector	W	38	10	26	21	55	2	5	2	5	3	8
	S	16	1	6	9	56	1	6	0	0	5	31
Rural Sub-Arterial	W	3	0	0	3	100	0	0	0	0	0	0
	S	3	1	33	1	33	0	0	0	0	1	33
Urban Residential Access Place	W	3	0	0	2	67	1	33	0	0	0	0
Rural Distributor	W	20	0	0	0	0	0	0	0	0	20	100
Unknown	W	1	1	100	0	0	0	0	0	0	0	0
Total		325	46	14	139	43	15	5	8	2	117	36

In summary condition assessments have been completed on 212 grids. Based on these assessments it is assumed that 96% of the existing grids do not strictly meet Council's 2015 adopted standard of construction.

Attachment 2 Condition Assessment of Existing Grids

Grid Conditions Reference Photos

Compliant – This is an Aprilia grid manufactured from box section steel with concrete abutments, bitumen seal 10m either side of the grid.



Acceptable Condition – This is a railway line grid with concrete abutments. RH wing is slightly bent however grid is structurally sound.



Attachment 2 Condition Assessment of Existing Grids

Fair Condition – This grid is considered fair but requires new side rails fitted, the concrete abutments look to be sound. Aprilia style siderails can be purchased and fitted as per the Compliant grid



Fair Condition – Grid and abutments in sound condition however siderails and signs need to be fitted, once fitted this grid would be classed as acceptable condition.



Attachment 2 Condition Assessment of Existing Grids

Poor Condition – This grid is made from pipe section that is not structurally capable of handling the vehicle traffic, it is constructed on wooden abutments that are susceptible to wood rot and termites.



Poor Condition – This grid is of railway line construction with concrete abutments however the abutments are failing





GLADSTONE
REGIONAL COUNCIL

Attachment 2
Condition Assessment of Existing Grids

