

Curve Details: Coonamia to Crystal Brook



Jul-15

Note

- [1] Rated speed at ARTC Normal Limits (80mm cant deficiency and 55mm/sec rate of change of cant and cant deficiency with cog 2500mm above rail level, and twist fault of 5mm in 14m transition)
- [2] Cant deficiencies in mm shown where they are 75mm or more for existing curve speeds

Note in comments

TRC Curve data from track recordings

Down Track

Curve		Hand	Radius	Cant	Transition		Exist posted Speed	Cant def (2)	Rated Speed (1)	Location	Comments
Start	End				Up	Dn					
0.990	2.350	R	1600	45	80	80	115	130			
7.480	8.000	R	1600	45	80	80	115	130			
15.140	15.300	L	3200	0	30	30	115	130+			
16.530	17.330	L	1600	45	80	80	115	130			
20.550	21.210	R	1600	45	80	80	115	130			
21.350	21.410	L	1350	10	40	25	90	87	Adjacent t/o end of double track	TRC. Rate of change of cant deficiency at 90km/h is 60mm/sec	
21.473									T/o at end of double track		

Up Track

Curve		Hand	Radius	Cant	Transition		Exist posted Speed	Cant def (2)	Rated Speed (1)	Location	Comments
Start	End				Up	Dn					
0.990	2.350	R	1600	45	80	80	115	130			
7.480	8.000	R	1600	45	80	80	115	130			
15.140	15.300	L	3200	0	30	30	115	130+			
16.530	17.330	L	1600	45	80	80	115	130			
20.550	21.210	R	1600	45	80	80	115	130			
21.300	21.410	L	2500	0	60	25	90	102	Adjacent t/o end of double track	TRC	
21.473									T/o at end of double track		