

**CURVE DETAILS  
LIST OF AMENDMENTS**

**ARTC NETWORK - WESTERN  
JURISDICTION AND VICTORIA**

(Ref: [TA02 – Appendix III](#))

**17 November 2016**

**List of Amendments – Coonamia to Crystal Brook**

<b>Date</b>	<b>Curve Details</b>	<b>Amendment</b>
01/06/2006	N/A	Reformatted and moved to Engineering on internet (now maintained under IS&P)
23/07/2015		Logo updated

**List of Amendments – Coonamia to Spencer Junction**

Date	Curve Details	Amendment
28/08/2002	84.739km to 95.046km	Continuity Project - Speed raised to 60km/h
23/06/2003	2.415km to 2.990km	Speed lowered from 50km/h to 35km/h account leg of triangle is turnout
9/06/2004	92.868km to 92.942km	Cant reduced from 70mm to 50mm, rated speed reduced
01/06/2006	N/A	Reformatted and moved to Engineering on internet (now maintained under IS&P)
21/11/2007	91.337km to 91.581km	Cant reduced from 70mm to 40mm, rated speed reduced
14/06/2012	92.868 to 92.942 93.022 to 93.162	92.807 to 92.919 93.037 to 93.149 Tassie Street realignment
23/07/2015		Logo updated



**List of Amendments – Mile End to Crystal Brook**

<b>Date</b>	<b>Curve Details</b>	<b>Amendment</b>
01/06/2006	N/A	Reformatted and moved to Engineering on internet (now maintained under IS&P)
07/08/2006	0.990 – 1.240, 1.500 – 1.625 & 2.720 – 2.825km	Rated speeds corrected
23/07/2015		Logo updated

## List of Amendments – Mile End to Wolseley

Date	Curve Details	Amendment
16/08/02	23.044km – 23.420km	Transition
16/08/02	23.444km – 23.616km	Transition / Radius 194 to 190
16/08/02	23.628km – 23.915km	Radius 199 to 190
16/08/02	24.916km – 25.419km	Transition
16/08/02	25.450km – 25.533km	Transition / Radius 325 to 335
16/08/02	25.725km – 25.882km	Transition / Radius 204 to 195
16/08/02	25.891km – 26.174km	Transition / Radius 217 to 219
16/08/02	27.300km – 27.777km	Transition
16/08/02	27.784km – 28.072km	Radius 202 to 204
16/08/02	28.238km – 28.443km	Transition / Radius 202 to 203
16/08/02	44.030km – 44.450km	Transition
16/08/02	44.500km – 44.900km	Radius 298 to 301
16/08/02	57.940km – 58.360km	Radius 381 to 282
23/06/03	49.613km - 49.735km 50.212km – 50.297km 50.346km – 50.635km	Mt. Barker Loop – deleted three curves from 49.591 to 50.664 account of new loop. Added three new curves plus t/outs
11/4/06	61.258km – 61.468km	Transition lengths
22/05/06	45.800km – 46.010km	Curve hand corrected from right to left
01/06/2006	N/A	Reformatted and moved to Engineering on internet (now maintained under IS&P)
24/07/06	35.909km – 36.136km	Curve surveyed and most details amended
24/07/06	Compound curve from 64.434km to 64.968km	Curve surveyed and most details amended
24/07/06	307.820km – 308.233km	Curve length and transition amended
20/11/06	117.590km - 117.700km	Curve down end location corrected
27/02/08	19.455km – 19.695km 19.752km – 20.145km 20.166km – 20.462km 20.613km – 20.790km	19.469km – 19.770km 19.787km – 20.152km 20.199km – 20.483km 20.611km – 20.795km Amended due to IAN 763
03/06/08	81.223 – 81.255km 81.276 – 81.306km	Curves in Monarto South Yard removed due to yard alterations.
20/10/08	8.982 – 9.037km (rcomp) 9.037 – 9.340km (rcomp) 9.494 – 9.759km	Re-alignments Torrens Park 8.961 – 9.332km 9.401 – 9.694km
28/10/11	3.592 – 3.719 3.794 – 3.916 30.069 – 30.228 31.340 – 31.472 60.654 – 60.947  62.742 – 63.173	Survey monument re-alignments 3.587 – 3.714 3.787 – 3.907 30.065 – 30.231 31.362 – 31.476 60.642 – 60.782 (rcomp) 60.782 – 60.959(rcomp) 62.734 – 62.866 (lcomp) 62.866 – 63.148 (lcomp)
23/07/2015		Logo updated

### List of Amendments – Mile End to Wolseley cont...

Date	Curve Details	Amendment
17/11/2016	Various updates resulting from new or extended loops at Ambleside, Callington, Monteith, Coomandook, Tintinara, Keith & Bordertown	

**List of Amendments – Dry Creek to Outer Harbor (previously  
Pt. Adelaide Area to Dry Creek)**

Date	Curve Details	Amendment
01/06/2006	N/A	Reformatted and moved to Engineering on internet (now maintained under IS&P)
18/06/08	See updated curve details due to changing of direction of kilometres and addition of new sections of track due to new track alignment over Port River and altered Port Flat triangle	
23/07/2015		Logo updated





**List of Amendments – Spencer Junction to Whyalla**

Date	Curve Details	Amendment
01/06/2006	N/A	Reformatted and moved to Engineering on internet (now maintained under IS&P)
23/07/2015		Logo updated
21/07/2016	108.366 – 108.766 143.482 – 143.823	Posted speed on these two curves increased from 100 to 115 following asset mgmt. review. Also end of track km updated following One Steel project 2012 and Roopena turnout kms updated following loop extension project Aug 2014.



**List of Amendments – Tarcoola to Kalgoorlie**

Date	Curve Details	Amendment
01/06/2006	N/A	Reformatted and moved to Engineering on internet (now maintained under IS&P)
23/07/2015		Logo updated



## List of Amendments – Victoria Western Line

Date	Curve Details	Amendment
27-05-02 Gheringhap - Maroona	243.839 – 243.980 and 243.980 – 243+1270m	243.830 – 243+1104m Compound radius = 455m Cant = 125mm Posted speed = 90km/h Transition = 62.5m
		243+1104 – 243 +1376 Compound radius = 449m Cant = 125m Posted speed = 90 km/h Transition = 65.0m
18-03-03 Pyrenees – SA Border	223.510 – 223.290	Curve location corrected to 223.510 – 223.990
9-03-05 Maroona - Pyrenees	264.140 – 264 420	Curve location corrected to 264.140 – 264.520
	264.510	Mixed gauge diamond added
	264.480 – 264.570 and 264.570 – 264.660	Curves realigned to 264.530 – 264.590 (RH) and 264.610 – 264.655 (LH) account installation of mixed gauge diamond. Curve details: Radius = 900m Cant = 30mm Transition = 21.0m Rated speeds = 80km/h
	264+1300 – 265.055	Curve location corrected to 264+1310 – 265.055
	265.230	Ararat down t/o location corrected to 265.240
	276.740 – 268.320	Curve location corrected to 267.740 – 268.320
20-3-05 Maroona - Pyrenees	265.320 – 265.900	Curve realigned to 370/458m radius (compound) Cant = 110mm Up transition =110.0m Down transition =150.0m Rated speed =77km/h
20-4-05 Newport - Tottenham	16.834 – 17.173	Kilometrage revised to 16.834 to 17.118
	17.184 – 17.218	Additional curve Radius = 200m Cant = zero Transitions = zero Rated speed =36km/h
		Turnout location amended to 17.242km.

## List of Amendments – Victoria Western Line cont...

Date	Curve Details	Amendment
01/06/2006	N/A	Reformatted and moved to Engineering on internet (now maintained under IS&P)
17/05/2007 Pyrenees to SA Border	352.130 – 352.780	Amended to show stencilled transition from 60mm cant (Adl end) to 100mm cant (Melb end)
13/08/07 Newport to North Geelong	67.172	Kilometrage for North Shore revised to 66.900
02/07/2012 Newport to North Geelong	38.855 – 38.868 38.462 – 38.635 38.683 – 38.904 39.335 – 39.422  72.300 – 72.410 72.400 72.420 – 72.560	Manor Loop - removed New curve details added due to rail re-alignment  North Geelong – removed due to DG splitter removal / loop project
02/07/12 North Geelong – Gheringhap DG	72.641 – 73.532 74.035 – 74.569 74.569 – 74.965 75.309 – 75.820 75.834 – 76.695 72.256 – 72.383 72.651 – 73.275 73.275 – 73.562 74.028 – 74.381 74.381 – 74.543 74.543 – 74.955 75.321 – 75.583 75.583 – 75.748 75.803 – 76.068 76.068 – 76.627 77.080 – 77.087	Removed as part of DG splitter removal / loop project  New DG loop details added  DG mainline details added
2/07/12 North Geelong – Gheringhap SG	72.256 – 72.383 72.651 – 73.275 73.275 – 73.562 73.976 – 74.380 74.380 – 74.543 74.543 – 74.950 75.223 – 75.582 75.582 – 75.752 75.812 – 76.066 76.066 – 76.713 76.712 – 76.766 76.792 – 76.845 76.923 – 76.950	New SG mainline details added  New SG loop details added
23/07/2015		Logo updated

**List of Amendments – Benalla to Oaklands**

Date	Curve Details	Amendment
12/12/2012	N/A	New document created
23/07/2015		Logo updated



