



**CODE OF PRACTICE
FOR
OPERATIONS & SAFEWORKING**

**NETWORK INTERFACE
CO-ORDINATION PLAN**

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APPENDIX VI
BRIDGES AND STRUCTURES

DOCUMENT UNCONTROLLED WHEN PRINTED

**Shaded Sections of this Document have been superseded by
content in the
ARTC ROUTE ACCESS STANDARD**

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Only significant structures are included on this list

SCHEDULE OF AMENDMENTS

Number	Page or Clause	Summary of Amendments	Date Issued
Issue 2.1	Section 7 page 16	References to ASP line removed - TN 811/2003 & 1424/2003 and TN 8/2004	30/6/04

BRIDGES AND STRUCTURES

1 WOLSELEY TO TOTTENHAM

LINE SEGMENT	LOCATION	STRUCTURE	DISTANCE KMS	DETAILS
WOLSELEY TO PYRENEES	Western Highway Kaniva	Overpass	439.570	
	Wimmera River	Underbridge	369.088	
	Wimmera River	Underbridge	368.349	
	Wimmera River	Underbridge	368.192	
	Western Highway Dimboola	Overpass	363.700	
	Western Highway Wail	Overpass	352.560	
	Urquart Street Horsham	Overbridge	327.300	
	Wimmera River Overflow	Underbridge	258.900	
	Colquhoun Street Stawell	Overbridge	240.300	
	Hill Street Stawell	Overbridge	239.840	
PYRENEES TO NEWPORT	Western Highway Great Western	Overbridge	235.080	
	Lowe Street Ararat	Overbridge	266.020	
	Vincent Street Ararat	Overbridge	265.230	
	Jacksons Creek	Underbridge	251.345	
	Hopkins River	Culverts	244.950	
	Hopkins River	Culverts	242.527	
	Mount Emu Creek	Underbridge	192.795	
	Woody Yallock River	Underbridge	139.193	
	Leigh River relief	Underbridge	99.472	

WOLSELEY TO TOTTENHAM (CONT.)

LINE SEGMENT	LOCATION	STRUCTURE	DISTANCE KMS	DETAILS		
PYRENEES TO NEWPORT (CONT.)	Leigh River	Underbridge	99.283			
	Leigh River overflow	Underbridge	99.089			
	Peel Road Inverleigh	Overbridge	98.800			
	Masons Road Murghebuloc	Overbridge	93.230			
	Midland Highway Gheringhap	Overbridge	83.500			
	Hill Street Moorabool	Overbridge	79.940			
	Moorabool Viaduct	Underbridge	78.820 to 79.230			
	<p>In the event of a train becoming disabled with the locomotive immobilised on the above structure the train crew are to advise the Train Controller and remain on the locomotive until such time as emergency services are in place.</p>					
	Separation Street Geelong	Overbridge	68.842			
	Princes Highway Corio	Overbridge	61.940			
NEWPORT TO TOTTENHAM	Hovells Creek Lara	Underbridge	58.366			
	Little Para	Underbridge	47.810			
	Kororoit Creek	Underbridge	15.267			
	Melbourne Road Newport	Overbridge	10.500			
	Melbourne Road Spotswood	Overbridge	11.360			
	Westgate Freeway Brooklyn	Overbridge	13.180			
	Geelong Road Brooklyn	Overbridge	14.640			
	Sunshine Road viaduct	Underbridge	16.850 to 17.120			

2 MELBOURNE TO ALBURY

LINE SEGMENT	LOCATION	STRUCTURE	DISTANCE KMS	DETAILS
MELBOURNE TO BROADMEADOWS	Moonee Ponds Creek	Underbridge	2.240	
	Maribyrnong River	Underbridge	4.660	
	Bunbury Street Tunnel	Tunnel	4.875 to 5.290	
	Newport Rail	Overpass	5.300	
	McNab Ave Footscray	Overbridge	5.350	
	Sunshine Rail	Overpass	5.400	
	Nicholson Street Footscray	Overbridge	5.550	
	Albert Street	Overbridge	5.690	
	Geelong Road West Footscray	Overbridge	6.660	
	Hampshire Road Sunshine	Overbridge	12.317	
	Western Highway Albion	Overbridge	13.780	
	St Albans Road Albion	Overbridge	14.043	
	Stony Creek	Underbridge	14.190	
	McIntyre Road Sunshine	Overbridge	15.417	
	Maribyrnong River	Viaduct	17.400 to 17.810	
	Keilor Park Drive Keilor East	Overbridge	18.750	
Tumiccliffe Ave Keilor Park	Overbridge	20.202		
Calder Freeway Keilor Park	Overbridges	20.300		

MELBOURNE TO ALBURY (CONT.)

LINE SEGMENT	LOCATION	STRUCTURE	DISTANCE KMS	DETAILS
MELBOURNE TO BROADMEADOWS (CONT.)	Melrose Drive Airport West	Overbridge	23.255	
	Tullamarine Freeway	Overbridges	23.510	
	Moonee Ponds Creek	Viaduct	24.077 to 24.410	
	Pasco Vale Road Broadmeadows	Overbridge	26.326	
	Western Ring Road Broadmeadows	Underpass	26.500	
BROADMEADOWS TO RIVER MURRAY BRIDGE	Camp Road Broadmeadows	Overbridge	16.360	
	Riggall Street Broadmeadows	Overbridge	17.763	
	Barry Road Broadmeadows	Overbridge	19.010	
	Hume Highway Craigieburn	Overbridge	26.383	
	Merri Creek	Underbridge	31.376	
	Hearns Swamp	Underbridge	45.086	
	Broadford-Epping Road Wandong	Overbridge	55.445	
	Dry Creek	Underbridge	56.219	
	Hume Highway Wandong	Overbridge	56.770	
	Dry Creek	Underbridge	57.114	
	Kilmore East	Road Underbridge	64.066	
	Dry Creek	Underbridge	66.916	
	Hamilton Street Broadford	Overbridge	75.506	

MELBOURNE TO ALBURY (CONT.)

LINE SEGMENT	LOCATION	STRUCTURE	DISTANCE KMS	DETAILS
BROADMEADOWS TO RIVER MURRAY BRIDGE (CONT.)	Sunday Creek	Underbridge	76.046	
	Short Street Broadford	Underbridge	76.734	
	Marshbanks Road Broadford	Underbridge	77.945	
	Hume Highway Tallarook	Underbridge	88.494	
	Old Highway	Road Underbridge	90.445	
	Goulburn River	Underbridge	95.459	
	Goulburn River	Underbridge	95.715	
	Goulburn River	Underbridge	96.152	
	Goulburn River	Underbridge	96.706	
	Goulburn River	Underbridge	96.907	
	Goulburn River	Underbridge	97.184	
	Goulburn Valley Highway	Road Underbridge	98.393	
	Whiteheads Creek	Underbridge	99.498	
	Mangalore Road Seymour	Overbridge	102.372	
	Hume Highway Seymour	Overbridge	103.700	
	Four Mile Creek	Underbridge	105.515	
	Hughes Creek	Underbridge	115.139	
	Three Mile Creek	Underbridge	122.522	
	Burnt Creek	Underbridge	127.000	
	Pranjip Creek	Underbridge	136.000	
Pranjip Creek	Underbridge	139.068		
CreightonCreek	Underbridge	140.828		

MELBOURNE TO ALBURY (CONT.)

LINE SEGMENT	LOCATION	STRUCTURE	DISTANCE KMS	DETAILS
BROADMEADOWS TO RIVER MURRAY BRIDGE (CONT.)	Castle Creek	Underbridge	149.313	
	Anderson Street Eurora	Overbridge	150.875	
	Seven Creeks	Underbridge	151.767	
	Faithful Creek	Underbridge	156.722	
	Honeysuckle Creek	Underbridge	170.084	
	Broken River Benalla	Underbridge	194.490	
	Station Approach Road Benalla	Overbridge	195.414	
	Winton Creek	Underbridge	203.749	
	Beaconsfield Parade Glenrowan	Overbridge	218.656	
	Fifteen Mile Creek	Underbridge	229.979	
	One Mile Creek	Underbridge	233.434	
	Green Street Wangaratta	Overbridge	233.638	
	Station Entrance Road Wangaratta	Overbridge	233.908	
	Station Exit Road Wangaratta	Overbridge	234.206	
	Rowan Street Wangaratta	Underbridge	234.411	
	Owens River Wangaratta	Underbridge	234.602	
	-	Underbridge	236.332	
	Reedy Creek Daddah Daddah Creek	Underbridge	237.530	
-	Underbridge	256.587		
-	Underbridge	257.168		

MELBOURNE TO ALBURY (CONT.)

LINE SEGMENT	LOCATION	STRUCTURE	DISTANCE KMS	DETAILS
BROADMEADOWS TO RIVER MURRAY BRIDGE (CONT.)	Black Dog Creek	Underbridge	269.590	
	Indigo Creek	Underbridge	279.612	
	Old Murray Valley Hwy Wodonga	Overbridge	285.078	
	Hume Highway Wodonga	Overbridge	298.111	
	Wodonga Creek	Underbridge	302.776	
	Flanagans Creek	Underbridge	303.192	
	Regional Park Road	Road Underbridge	303.412	
	-	Underbridge	303.720	
	River Murray Approach	Underbridge	304.097	
	River Murray	Underbridge	304.150	

3 MILE END TO WOLSELEY

LINE SEGMENT	LOCATION	STRUCTURE	DISTANCE KMS	DETAILS
MILE END TO WOLSELEY	Anzac Highway Keswick	Overbridge	0.450	
	Tram Bridge Goodwood	Overbridge	4.900	
	Springbank Road Torrens Park	Overbridge	9.800	
	Sleeps Hill	Tunnel	12.070 to 12.810	
	Willowie Street Eden Hills	Overbridge	14.100	
	Shepherds Hill	Tunnel	14.900 to 15.060	
	Coromandel Parade Blackwood	Overbridge	17.700	
	Main Road Pinera	Overbridge	20.500	
	Upper Sturt Road Belair	Overbridge	21.300	
	Sir Edwin Smith Avenue	Overbridge	21.834	
	National Park	Tunnel	24.630 to 24.820	
	Long Gully	Tunnel	27.040 to 27.230	
	Upper Sturt	Tunnel	29.410 to 29.630	
	Avenue Road Mt Lofty	Overbridge	31.030	
	Aldgate		34.600	
	Onkaparinga Road Bridgewater	Road Underbridge	38.420	
South East Freeway Bridgewater	Overbridge	38.490 to 39.940		

MILE END TO WOLSELEY (CONT.)

LINE SEGMENT	LOCATION	STRUCTURE	DISTANCE KMS	DETAILS
MILE END TO WOLSELEY (CONT.)	Ambleside	Tunnel	39.850 to 40.020	
	Beaumonts Road Verdun	Overbridge	41.200	
	River Onkaparinga	Underbridge	42.700	
	Nairne Creek	Underbridge	58.100	
	Nairne Creek	Underbridge	58.550	
	Brewer River	Underbridge	71.720	
	-	Underbridge	72.990	
	-	Underbridge	73.510	
	Murray Bridge	Tunnel	96.840 to 97.640	
	Murray Bridge	Underbridge	97.070 to 97.640	
	Rowe Road	Overbridge	100.350	
	Princess Highway	Overbridge	102.950	
	Dukes Highway	Overbridge	123.650	
	Dukes Highway	Overbridge	216.470	
	Dukes Highway Bordertown	Overbridge	293.500	
-	Underbridge	293.650		

4 MILE END TO KALGOORLIE

LINE SEGMENT	LOCATION	STRUCTURE	DISTANCE KMS	DETAILS
MILE END TO CRYSTAL BROOK	Burbridge Road Mile End	Overbridge	0.830	
	Bakewell Bridge Mile End	Overbridge	1.630	
	Port Road Thebarton	Overbridge	2.050	
	River Torrens	Underbridge	2.830	
	Park Terrace Bowden	Overbridge	4.090	
	Regency Road Islington	Overbridge	7.450	
	Grand Junction Road Islington	Overbridge	10.270	
	Port Wakefield Road Dry Creek	Overbridge	14.130	
	Dry Creek	Underbridge	16.720	
	Salisbury Highway Salisbury	Road Underbridge	22.090	
	Little Para River	Underbridge	22.180	
	Gawler River	Underbridge	38.100	
	-	Underbridge	38.595	
	Two Wells	Underbridge	43.550	
	Light River	Underbridge	54.550	
	Wakefield River Bowman	Underbridge	104.300	
Broughton River Redhill	Underbridge	177.210		
Rocky River	Underbridge	190.400		
BROKEN HILL LINE CONNECTION	Clare Road Crystal Brook	Road Underbridge	196.950	

MILE END TO KALGOORLIE (CONT.)

LINE SEGMENT	LOCATION	STRUCTURE	DISTANCE KMS	DETAILS
CRYSTAL BROOK TO COONAMIA	Crystal Brook	Underbridge	21.600	
	Highway 1	Overbridge	19.290	
COONAMIA TO PORT AUGUSTA	Highway 1 Port Germein	Overbridge	26.900	
	Mambray Creek	Underbridge	43.450	
	Mambray Creek	Underbridge	43.700	
	-	Underbridge	82.130	
	Highway 1 Port Augusta	Overbridge	90.080	
	Flinders Terrace Port Augusta	Overbridge	92.120	
	Jervois Street Port Augusta	Overbridge	92.385	
	Highway 1 Port Augusta	Overbridge	92.400	
PORT AUGUSTA TO TARCOOLA	Yorkeys Crossing	Underbridge	101.950	
	-	Underbridge	134.580	
	-	Underbridge	134.830	
	-	Underbridge	238.150	
	-	Underbridge	239.100	
	Stuart Highway Wirrappa	Overpass	248.770	
	Masons Creek	Underbridge	255.980	
	-	Underbridge	266.090	
	-	Underbridge	292.600	

MILE END TO KALGOORLIE (CONT.)

LINE SEGMENT	LOCATION	STRUCTURE	DISTANCE KMS	DETAILS	
PORT AUGUSTA TO TARCOOLA (CONT.)	-	Underbridge	293.250		
	-	Underbridge	294.950		
	-	Underbridge	296.240		
	-	Underbridge	298.750		
	-	Underbridge	300.000		
	-	Underbridge	300.750		
	-	Underbridge	301.750		
	Stuart Highway Glendambo	Overbridge	375.650		
TARCOOLA TO KALGOORLIE	-	Underbridge	440.900		
	-	Underbridge	1286.240		
		Goddards Creek	Underbridge	1551.150	
	-	Underbridge	1664.960		
	-	Underbridge	1668.100		
	-	Underbridge	1690.410		
	-	Underbridge	1690.700		
	-	Underbridge	1724.700		
	-	Underbridge	1745.650		
	-	Underbridge	1773.390		
	Goldfield Highway Kalgoorlie	Overbridge	1780.240		
CRYSTAL BROOK TO PETERBOROUGH	Rocky River	Underbridge	40.300		
	Rocky River	Underbridge	40.900		
	Pisant Creek	Underbridge	48.560		
	-	Underbridge	97.500		

5 CRYSTAL BROOK TO BROKEN HILL

LINE SEGMENT	LOCATION	STRUCTURE	DISTANCE KMS	DETAILS
PETERBOROUGH TO BROKEN HILL	Dowds Hill	Road Overpass	116.350 to 116.450	
	-	Underbridge	165.950	
	Paratoo Creek	Underbridge	175.480	
	Yunta Creek	Underbridge	196.950	
	Winnininnie Creek	Underbridge	205.540	
	-	Underbridge	219.400	
	Jacobs Creek	Underbridge	237.500	
	Jumbuck Creek	Underbridge	238.600	
	Wawira Creek	Underbridge	250.300	
	Outalpa Course	Underbridge	262.900	
	Olary Creek	Underbridge	279.200	
	Cartwrights Creek	Underbridge	303.020	
	Mingary Creek	Underbridge	321.500	
	Pine Creek	Underbridge	340.300	
	Barrier Highway Cockburn	Overbridge	343.450	
	Cockburn Course	Underbridge	344.450	
	Thackaringa Creek	Underbridge	351.350	
	Stirling Vale Creek	Underbridge	382.400	
	Kanandah Underpass Broken Hill	Road Underbridge	389.960	
	Gypsum Street Broken Hill	Overbridge	391.930	
Crystal Street Broken Hill	Overbridge	392.180		

6 SPENCER JUNCTION TO WHYALLA

LINE SEGMENT	LOCATION	STRUCTURE	DISTANCE KMS	DETAILS
SPENCER JCTN TO WHYALLA	Spencer Gulf	Underbridge	96.900	
	Stuart Highway	Overpass	99.050	
	Eyre Highway	Overpass	111.850	
	-	Underbridge	117.580	
	-	Underbridge	124.400	
	Cockatoo Creek	Underbridge	128.350	
	-	Underbridge	129.350	
	Myall Creek	Underbridge	135.000	
	-	Underbridge	154.350	

7 TARCOOLA TO DARWIN – Refer ARG

LINE SEGMENT	LOCATION	STRUCTURE	DISTANCE KMS	DETAILS

8 STRUCTURES IN THE NON-ELECTRIFIED NETWORK IDENTIFIED AS HAVING SUB-STANDARD CLEARANCES

The 1994 Book of Rules and Operating Procedures, Section 10, Rule 18, Clause (c) requires Train Crews to keep their bodies fully within the cabin of moving locomotives.

Continuing the safety initiative of the ongoing statewide survey to identify and mark structures that cannot be removed, high visibility signs have been attached to the infringing structures.

Structures that do not comply with the Minimum Structure Gauge 1963 Standard have been identified as shown hereunder:-

- High Visibility 1500 mm x 1200 mm black and white retro reflective hazard markers attached to the structures.
- A sign warning Track force workers not to adjust the existing Track Geometry.

Melbourne to Albury (SG)

LINE SEGMENT	LOCATION	STRUCTURE	DISTANCE KMS	DETAILS
MELBOURNE TO ALBURY (SG)	Sunshine	Bridge	12.00 (approx)	Down End, Footbridge
	Donnybrook	Signal	34.00 (approx)	Foul Signal Mast
	Wallan	Signal	48.00 (approx)	Foul Up Home Departure Signal No. 44
	Kilmore East	Signal	67.00 (approx)	Up Distant Signal (BG)
	Broadford	Signal	76.00 (approx)	No.14 Foul Up Distant Signal (BG)
	Longwood	Signal	137.40 (approx)	Foul Down End

Melbourne to Wolsley (SG)

LINE SEGMENT	LOCATION	STRUCTURE	DISTANCE KMS	DETAILS
MELBOURNE TO WOLSELEY (SG)	Great Western Stawell Stawell	Bridge Bridge Building	227.60 (approx) 240.30 241.12 (approx)	Side Clearance Bridge Pier Spouting