



**CODE OF PRACTICE
FOR
OPERATIONS & SAFEWORKING**

**NETWORK INTERFACE
CO-ORDINATION PLAN**

**DOCUMENT No. TA02
ISSUE 2
5 MARCH 2001**

APPENDIX XI
ARTC STRUCTURE CLEARANCES

DOCUMENT UNCONTROLLED WHEN PRINTED

**Shaded Sections of this Document have been superseded by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

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1 **ARTC STRUCTURE CLEARANCES : CRYSTAL BROOK - BROKEN HILL - COONAMIA - KALGOORLIE**

Where structure clearances are shown in bold they infringe the Australasian Railway Association (ARA) "F" structure outline				
Vertical measurements taken from rail head and horizontal measurements taken from the track centreline				
Distance km	Item	Remarks	Structure Clearance	
			Horizontal m	Vertical m
CRYSTAL BROOK - BROKEN HILL				
100.890	OVER HEAD CABLE			6.85
108.700	OVER HEAD CABLE			6.9
116.460	ARMCO PIPE "TUNNEL" OVERPASS DOWDS HILL	Clearance foul in top quarter of tunnel		
343.450	COCKBURN ROAD OVERPASS		2.058	6.582
391.930	GYP SUM ST ROAD OVERPASS			6.111
392.180	CRYSTAL ST ROAD OVERPASS		2.148	6.259
COONAMIA - KALGOORLIE				
92.120	FLINDERS TERRACE OVERPASS, PT AUGUSTA	Clearance measurements at worst points. Horizontal clearance at 0.7m above rail level.	1.805	6.855

2 ARTC STRUCTURE CLEARANCES : WEST FOOTSCRAY TO ALBURY

Where structure clearances are shown they infringe the Australasian Railway Association (ARA) "F" structures outline			
Vertical measurements taken from rail head and horizontal measurements taken from the track centreline			

Distance km	Item	Remarks	Structure Clearance	
			Horizontal m	Vertical m
NTH MELB-ALBION (VIA DYNON)				
7.190		WEST FOOTSCRAY JUNCTION,		
7.276	SIGNAL	WFJ6	1.63	
7.377	SIGNAL	192	2.08	
7.655	SIGNAL	194	1.75	
7.820	SIGNAL	MG304	2.04	
8.616		TOTTENHAM YARD		
8.620	DWARF POINT LEVER	Alauda D15 Sdgs	2.14	
8.755	PORTAL SIGNALS	TotU4,Tot4	1.41	5.87
8.830	POLES		2.1	
10.230	STAFF EXCHANGE		2.12	
10.320	PORTAL SIGNALS	Tot6,TotU6	1.75	5.79
10.590	SIGNAL MAST	Tot8	1.97	
12.056	PLATFORM	SUNSHINE PLATFORM	1.92	
12.260	WALL	RAMP TO SUBRAY	2.4	
12.280	BRIDGE	O'PASS,MONASH ST OFF RAMP	2.3	5.16
12.312	SUBWAY	SUNSHINE STATION SUBWAY		
12.317	BRIDGE	HAMPSHIRE RD OVERPASS RAMP		4.81
12.538	SIGNAL MAST	SUN726	2.18	
12.690	BRIDGE	DEVONSHIRE RD FOOTBRIDGE	2.07	5.05
12.695	OVER HEAD WIRE STRUCTURE	DISUSED PULLOFF	2.24	
12.840	SIGNAL MAST	SUN724	2.19	

Distance km	Item	Remarks	Structure Clearance	
			Horizontal m	Vertical m
13.065	PEDESTRAIN XING	FENCE, Anderson Rd,	1.77	
13.100	PEDESTRAIN XING	FENCE, Anderson Rd,	2.17	
13.120	RELAY BOX	CABINET	2.4	
13.190	SIGNAL MAST	MGS481	2.07	
13.198	SIGNAL MAST	MGS482	1.97	
13.200	SIGNAL MAST	M482	1.82	
13.470	OVER HEAD WIRE STRUCTURE	490	2.37	
13.495	OVER HEAD WIRE STRUCTURE	491, Disused Pulloff	2.31	
13.515	OVER HEAD WIRE STRUCTURE	492	2.2	
13.530	SIGNAL MAST	M492	2.02	
13.585	OVERHEAD STRUCTURE	494	2.17	
13.650		ALBION STATION		
13.780	BRIDGE	WESTERN HGHY BRIDGE	2.25	4.88
ALBION- BROADMEADOW S				
14.043	BRIDGE	ST ALBANS RD BRIDGE	2.09	4.8
14.192	BRIDGE	STONY CREEK BRIDGE	2.1	
14.990	CABLE	Telephone Wires		6.6
15.410	SIGNAL MAST	MCT-2	2	
15.417	BRIDGE	McINTYRE RD BRIDGE		5.71
15.430		START McINTYRE LOOP		
15.571	PORTAL SIGNALS	MCT-U4, MCT-4	1.58	4.42
15.870	CABLE	Electric Wire	2.1	
16.470	SIGNAL MAST	MCT-V6	1.99	
16.472	PORTAL SIGNALS	MCT-U6, MCT-6	1.67	4.37
16.565		END McINTYRE LOOP		
16.567	PORTAL SIGNALS	MCT-8, MG592, MG593	1.6	4.3
17.609	BRIDGE	MARIBYRNONG RIVER BRIDGE	1.82	

Distance km	Item	Remarks	Structure Clearance	
			Horizontal m	Vertical m
18.470	PORTAL SIGNALS	MG656, MGS656, MG657 ,MGS657	1.59	4.21
18.750	BRIDGE	KEILOR PARK DRIVE BRIDGE		6.87
20.194	SIGNAL MAST	MGS717	1.74	
20.202	BRIDGE	TUNNECLIFFE AVE BRIDGE		5.52
20.282	BRIDGE	CALDER FREEWAY OUTWARD RD BRIDGE		5.53
20.332	BRIDGE	CALDER FREEWAY INWARD RD BRIDGE		6
20.377	BRIDGE	FULLARTON RD OUTBOUND BRIDGE		6.49
20.395	BRIDGE	FULLARTON RD INBOUND BRIDGE (WESTERN RING RD)		6.71
22.100	CABLE	TELEPHONE WIRE		7
22.133	PORTAL SIGNALS	TME-2, MG774, MG775	1.64	4.39
22.138		START TULLAMARINE LOOP		
22.230	PORTAL SIGNALS	TME-4, TME-U4	1.59	4.4
22.290	BRIDGE	MOORE RD / LINK RD BRIDGE		7.02
23.070	CABLE	TELEPHONE WIRE		6.9
23.120	PORTAL SIGNALS	TME-6, TME-U6	2.08	4.24
23.225		ENDTULLAMARINE LOOP		
23.255	BRIDGE	MELROSE DRIVE (SHARPS RD) BRIDGE		5.14
23.500	BRIDGE	TULLAMARINE FREEWAY OUTWARD BRIDGE		5.3
23.520	BRIDGE	TULLAMARINE FREEWAY INWARD BRIDGE		5.65
23.547	SIGNAL MAST	TME-8	1.4	
24.077	BRIDGE	MOONEE PONDS CREEK BRIDGE	1.9	
24.910	PORTAL SIGNALS	MG865, MGS865 ,MG866, MGS866	1.23	4.66
25.360	BRIDGE	BELAIR AVE BRIDGE	2.1	4.79
26.210	CABLE	Telephone Wires		6.5
26.270	PORTAL SIGNALS	JCA-2, MGS911	1.13	4.32
26.326	BRIDGE	PASCOE VALE RD BRIDGE	2.31	5.46
26.430		JACANA STATION		

Distance km	Item	Remarks	Structure Clearance	
			Horizontal m	Vertical m
26.480	BRIDGE	JACANA FOOTBRIDGE		4.88
27km becomes 16km				
16.360	BRIDGE	CAMP RD BRIDGE		5.25
16.531	BRIDGE	BROADMEADOWS SUBWAY BRIDGE	1.92	
16.631		BROADMEADOWS		
BROADMEADOW S-SOMERTON				
16.848		BROADMEADOWS		
16.968	SIGNAL MAST	ES603		
17.090	POLE	57F	2.32	
17.386	POLE	80H	2.2	
17.388	OVERHEAD STRUCTURE	617	2.41	
17.390	TELEPHONE BOX		2.1	
17.395	CAMERA POST	POST	2.34	
17.435	OVERHEAD STRUCTURE	618 PULLOFF MAST	2.3	
17.470	BUFFER STOP	DISUSED	2.37	
17.580	SIGNAL MAST	35	2.1	
17.763	BRIDGE	RIGGALL ST BRIDGE	7.3	5.67
18.320	PEDESTRIAN CROSSING	POST, SMEATON AVE	2.31	
18.400	SIGNAL MAST	ES650	2.21	
18.401	SIGNAL MAST	37	2.17	
18.403	TELEPHONE BOX		2.32	
19.010	BRIDGE	BARRY RD BRIDGE	2.19	5.04
19.500	PEDESTRIAN XING	POSTS, SHELBOURNE CT (ALMURTA AVE)	2.23	
20.061	SIGNAL MAST	ES705	2	
20.065	SIGNAL MAST	4	1.99	
20.070	TELEPHONE BOX	POST	2.1	
20.268	PEDESTRIAN CROSSING	POST, DUNKELD ST	2.31	

Distance km	Item	Remarks	Structure Clearance	
			Horizontal m	Vertical m
21.447	TELEPHONE BOX	POST	2.23	
21.450	SIGNAL MAST	SOM-2	1.9	
21.595	DWARF	11	2.05	
21.713		Start SOMERTON LOOP		
21.768		SOMERTON STATION		
21.828	PORTAL SIGNALS	SOM-U4, SOM-4	2.43	5.32
21.831	SIGNAL MAST	3	2.1	
21.840	TELEPHONE BOX	POST	2.1	
21.841	TELEPHONE BOX	POST	2.1	
22.300	CABLE	ELECTRIC WIRES	2.4	
22.840	SIGNAL MAST	E750	1.78	
23.380	SIGNAL MAST	SOM-V6, (relocated 2000)	2.25	
23.400	SIGNAL MAST	SOM-6	2.07	
23.400	SIGNAL MAST	SOM-U6	2.26	
SOMERTON-MANGALORE				
26.098		CRAIGIEBURN STATION		
26.150	CABLE	ELECTRIC WIRE		6.87
26.175	CABLE	ELECTRIC WIRE		5.88
26.195	PEDESTRIAN XING	CRAIGIEBURN STATION FOOT XING	2.36	
26.383	BRIDGE	HUME FREEWAY,CRAIGIEBURN BRIDGE		5.11
26.431	SIGNAL MAST	ES928	2	
26.433	CABLE	ELECTRIC WIRES		
29.733	CABLE	ELECTRIC WIRES		
30.273	SIGNAL MAST	ES1039	2.18	
32.516	SIGNAL MAST	2	2.21	
33.112	CABLE	ELECTRIC WIRES		
33.201		DONNYBROOK STATION		
33.568	SIGNAL MAST	DBK 2	1.62	

Distance km	Item	Remarks	Structure Clearance	
			Horizontal m	Vertical m
33.575		Start DONNYBROOK LOOP		
33.700	PORTAL SIGNALS	DBK,U4 DBK,4	2.27	5.1
33.954	SIGNAL MAST	DBK '7	2.11	
34.576	PORTAL SIGNALS	DBK6, DBKU6	2.28	4.9
34.696		End DONNYBROOK LOOP		
34.704	SIGNAL MAST	DBK 8	1.74	
37.766	SIGNAL MAST	ES1288	2.14	
41.723		BEVERIDGE		
43.794	SIGNAL MAST	ES1475	2.17	
46.546	SIGNAL MAST	2	2.14	
47.232	SIGNAL MAST	WLN 2	2.15	
47.233	CABLE	ELECTRIC WIRES		
47.234	CABLE	ELECTRIC WIRES		
47.388	SIGNAL MAST	WLN 4	1.64	
47.488		WALLAN STATION		
48.972	PORTAL SIGNALS	WLN6, WLNU6	2.17	5.16
49.057	SIGNAL MAST	7	2.37	
53.449		HEATHCOTE JUNCTION STATION		
55.080	CABLE	ELECTRIC WIRES		6.31
55.291		WANDONG STATION		
55.445	BRIDGE	BROADFORD-EPPING RD	2.24	4.59
58.631	SIGNAL MAST	ES1951	2.22	
59.988	CABLE	ELECTRIC WIRES		
60.823	SIGNAL MAST	ES2047	2.18	
60.827	SIGNAL MAST	ES2048	1.66	
63.485		KILMORE EAST STATION		
64.503	SIGNAL MAST	KME 6	2.07	
64.832	SIGNAL MAST	ES2166	2.4	
66.182	SIGNAL MAST	13	2.13	

Distance km	Item	Remarks	Structure Clearance	
			Horizontal m	Vertical m
66.966	SIGNAL MAST	14	2.11	
70.740	SIGNAL MAST	ES2367	2.04	
73.550	SIGNAL MAST	BRF 2	1.74	
73.670	PORTAL SIGNALS	BRF4, BRFU4	2.38	5.54
74.610	SIGNAL MAST	BRF U6	1.98	
74.610	SIGNAL MAST	BRF 6	2.29	
74.730	SIGNAL MAST	6	2.13	
74.732	SIGNAL MAST	BRF 8	1.67	
75.168		BROADFORD STATION		
75.506	BRIDGE	HAMILTON ST BRIDGE		5.74
75.600	SIGNAL MAST	18	1.86	
76.734	BRIDGE	BROADFORD - FLOWERDALE RD (SHORT ST) BRIDGE	2.4	5.16
76.944	CABLE	SIGNAL CABLE		6.9
76.945	SIGNAL MAST	Broadford 19	1.94	
76.950	SIGNAL MAST	ES2572	2.38	
77.280		McDOUGALL		
77.945	BRIDGE	BROADFORD - KILMORE RD (MARCHBANKS RD) BRIDGE	2.3	5.05
86.170	SIGNAL MAST	ES2875	2.15	
87.445	CABLE	ELECTRIC CABLES		7.5
88.460	SIGNAL MAST	TLK 2	1.88	
88.494	BRIDGE	HUME FREEWAY, TALLAROOK (2 BRIDGES)	2.5	5.57
88.845	PORTAL SIGNALS	TLKU4, TLK4	2.44	5.03
89.800	CABLE	ELECTRIC CABLES		6.2
89.850	SIGNAL MAST	TLK 6	1.98	
89.850	SIGNAL MAST	TLK U6	1.9	
90.010	SIGNAL MAST	TLK 8	1.68	
90.020	TELEPHONE BOX	TLK 8	2.3	

Distance km	Item	Remarks	Structure Clearance	
			Horizontal m	Vertical m
90.149	FENCE	TALLAROOK SUBWAY FENCE	2.1	
90.167	BROAD GAUGE PLATFORM	TALLAROOK PLATFORM	2.1	
90.208		TALLAROOK		
93.511	SIGNAL MAST	ES3117	2.1	
93.514	SIGNAL MAST	ES3116	2.1	
94.550		DYSART		
95.620	PORTAL SIGNAL	6	2.13	6.36
97.300	SIGNAL MAST	SGC 2	1.72	
97.303	SIGNAL MAST	ES3242	2.12	
98.300	POLES	5No. from 98.300 to 98.460	2.1	
98.374	PORTAL SIGNAL	Seymour up end 32	2.38	
98.591	CABLE	ELECTRIC WIRE		6.6
98.613	PORTAL SIGNAL	34, broad gauge	2.31	5.48
98.629	PLATFORM	SEYMOUR SG PLATFORM	1.52	
98.653	CABLE	ELECTRIC WIRE		7.08
98.699		SEYMOUR STATION		
99.107	PORTAL SIGNALS	48, 46		5.33
99.360	CABLE	2no Cables,		5.47
100.020	CABLE	6no Cables,		6.2
100.166	SIGNAL	SEY 2	1.73	
100.229	PORTAL SIGNAL	4, 4U	2.24	5.08
100.315	WHISTLE BOARD	D/end HIGH St	1.55	
101.753	PORTAL SIGNALS	SEY6, SEYU6	2.4	5.12
102.372	BRIDGE	MANGALORE RD (OLD HGHY) BRIDGE	2.26	5.35
103.800	BRIDGE	HUME FREEWAY, SEYMOUR (2 BRIDGES)		6.03
104.995	SIGNAL MAST	ES3495	2.25	
104.999	SIGNAL MAST	ES3494	2.13	
108.470	SIGNAL MAST	ES3609	1.75	
109.338		MANGALORE		

Distance km	Item	Remarks	Structure Clearance	
			Horizontal m	Vertical m
MANGALORE-BENALLA				
109.415	PEDESTRIAN CROSSING	FENCES, Access to Mangalore Hotel	2.1	
110.245	SIGNAL MAST	ES3666	1.69	
114.007	SIGNAL MAST	ES3788	2.02	
115.967		AVENEL STATION		
116.010	PEDESTRIAN CROSSING	FENCE POSTS, Avenel Station	2.1	
119.065	SIGNAL MAST	ES3955	2.08	
122.115	SIGNAL MAST	ES4055	2.01	
122.119	SIGNAL MAST	ES4054	2.04	
125.340	SIGNAL MAST	ES4162	2.04	
133.770	SIGNAL MAST	ES4437	2.09	
136.247		LONGWOOD STATION		
136.260	CABLE	COMMUNICATIONS CABLES		5.69
136.707	TELEPHONE BOX	Up end Longwood Loop Signals	2.1	
136.710	SIGNAL MAST	LWD2	1.71	
136.714		Start LONGWOOD LOOP		
136.715	CABLE	6no Cables,		6.08
136.750	DWARF SIGNAL		2.2	
136.835	PORTAL SIGNALS	LWDU4, LWD4	2.35	4.97
138.400	SIGNAL MAST	LWD6	2.09	
141.090	SIGNAL MAST	ES4680	2.12	
150.155	SIGNAL MAST	ES4975	2.02	
150.835	CABLE	ELECTRIC WIRE AND LIGHTS		5.24
150.875	BRIDGE	ANDERSON ST BRIDGE		4.87
150.985	CABLE	ELECTRIC WIRE AND LIGHTS		6.17
151.025	CABLE	ELECTRIC WIRE		7.07
151.030		EUROA STATION		
153.341	SIGNAL MAST	ES5081	1.98	

Distance km	Item	Remarks	Structure Clearance	
			Horizontal m	Vertical m
153.345	SIGNAL MAST	ES5080	2.06	
156.630	SIGNAL MAST	ES5188	2.41	
165.980	SIGNAL MAST	ES549	2.17	
169.330		VIOLET TOWN STATON		
169.697	TELEPHONE BOX	Up End Violet Town Loop,	2.47	
169.700	SIGNAL MAST	VTN2	1.93	
169.730		Start VIOLET TOWN LOOP		
169.775	DWARF SIGNAL		2.35	
169.850	PORTAL SIGNALS	VTNU4, VTN4	2.36	5.07
171.400	SIGNAL MAST	VTN6	2.23	
171.400	SIGNAL MAST	VTNU6	2.49	
171.595	SIGNAL MAST	VTN8	2.48	
174.620	SIGNAL MAST	ES5774	2.17	
179.440	SIGNAL MAST	ES5933	2.1	
182.320	SIGNAL MAST	ES6031	2.2	
182.324	SIGNAL MAST	ES6030	2.09	
183.221		BADDAGINNIE STATION		
185.560	SIGNAL MAST	ES6136	2.23	
190.175	SIGNAL MAST	ES6287	2.18	
192.910	WHISTLE BOARD		2	
192.920	SIGNAL MAST	ES6377	2.1	
193.320	LEVEL CROSSING	FAITHFUL ST, ROAD SURFACE FOUL	2.18	
194.490	REFUGEE FENCES	BROKEN RIVER/MITCHELL ST BRIDGE	1.21	
195.250	PLATFORM	BENALLA SG, PLATFORM	1.6	
195.250		BENALLA STATION		
BENALLA- WODONGA-NSW Border				
195.352	TELEPHONE BOX	POST	2.32	

Distance km	Item	Remarks	Structure Clearance	
			Horizontal m	Vertical m
195.355	DWARF SIGNAL		2.21	
195.355	SIGNAL MAST	BNL2	1.96	
195.414	BRIDGE	STATION APPROACH RD BRIDGE	2.31	4.89
195.600	PORTAL SIGNALS	BNLU4, BNL4		5.31
195.610	TELEPHONE BOX	POST	1.19	
196.520	PORTAL SIGNALS	BNL6, BNLU6	2.33	5.05
196.625	SIGNAL MAST	BG, 34	2.31	
196.640	SIGNAL MAST	BNL8	1.77	
196.642	TELEPHONE BOX	POST	2.17	
196.826	LEVEL CROSSING	WITT ST, ROAD SURFACE FOUL	2.31	
199.330	SIGNAL MAST	ES6588	2.03	
204.180	SIGNAL MAST	ES6747	2.24	
204.728		WINTON		
207.370	SIGNAL MAST	ES6853	2.12	
207.373	SIGNAL MAST	ES6852	2.13	
210.975	SIGNAL MAST	ES6972	2.28	
214.905	SIGNAL MAST	ES7097	2.13	
217.860	SIGNAL MAST	GRW2	1.74	
217.900	DWARF SIGNAL		2.22	
217.980	PORTAL SIGNALS	GRWU4, GRW4	2.31	5.04
217.993	TELEPHONE BOX	POST	2.28	
218.656	BRIDGE	BEACONSFIELD PARADE BRIDGE	2.41	5
218.781		GLENROWAN		
219.632	CABLE	CABLES		5.04
221.946	CABLE	ELECTRIC WIRES		5.28
223.471	CABLE	ELECTRIC WIRES		8
229.053	SIGNAL MAST	ES7563	2.12	
231.757	TELEPHONE BOX	POST	2.12	
231.800	SIGNAL MAST	AMT2	1.7	

Distance km	Item	Remarks	Structure Clearance	
			Horizontal m	Vertical m
231.845	DWARF SIGNAL		1.68	
231.940	PORTAL SIGNALS	AMTU4, AMT4	2.3	5.17
231.950	TELEPHONE BOX	POST	2.35	
232.800	PORTAL SIGNALS	AMT6, AMT6	2.32	5.16
232.885	DWARF SIGNAL		2.15	
232.925	CABLE	CABLES		6.21
233.135	SIGNAL MAST	SIGNAL A	2.14	
233.136	POST	SWITCH POST	2.32	
233.137	SIGNAL MAST	AMT8	2.21	
233.638	BRIDGE	GREEN ST (ROY ST) BRIDGE		4.78
233.757	BRIDGE	OIL PIPELINE (CALTEX) BRIDGE		5.62
233.810	PLATFORM	WANGARATTA SG, PLATFORM	1.63	
233.904	RETAINING WALL	CONCRETE RETAINING WALL	2.33	
233.908	BRIDGE	STATION ENTRANCE RD BRIDGE	2.3	4.69
233.988	BRIDGE	FOOTBRIDGE STATION ENTR BRIDGE	2.4	4.9
233.989		WANGARATTA STATION		
234.206	BRIDGE	STATION EXIT RD BRIDGE		4.74
234.411	BRIDGE	WANGARATTA-YARRAWONGA RD SG (ROWAN ST) BRIDGE	2.07	
234.602	BRIDGE	OVENS RIVER/HOBAN ST BRIDGE	1.89	
236.434	SIGNAL MAST	ES7805	2.05	
236.439	SIGNAL MAST	ES7806	2	
236.453	LEVEL CROSSING	BURROWS ST, POST	2.25	
238.492	LEVEL CROSSING	BOORHAMAN RD, POST	2.29	
239.242	LEVEL CROSSING	BOURKE RD, POST	2.26	
239.770	SIGNAL MAST	ES7915	1.64	
239.848		BOWSER		
244.012	SIGNAL MAST	ES8022	2.21	
252.675	SIGNAL MAST	ES8337	2.17	

Distance km	Item	Remarks	Structure Clearance	
			Horizontal m	Vertical m
255.335	SIGNAL MAST	ES8433	2.11	
257.550		SPRINGHURST		
258.315	SIGNAL MAST	ES8522	2.12	
269.240	SIGNAL MAST	ES8879	2.09	
269.261	LEVEL CROSSING	RACECOURSE RD, POST	2.26	
271.300	PEDESTRIAN XING	FEN CES, Chiltern Station Access	2.17	
271.312	CABLE	ELECTRIC WIRES		5.5
271.320	CABLE	3no Cables		5.7
271.322		CHILTERN		
271.322	TELEPHONE BOX	POST	2.08	
271.325	SIGNAL MAST	CLT2	1.57	
271.390	CABLE	7no Cables		6.74
271.430	DWARF SIGNAL		2.36	
271.510	PORTAL SIGNALS	CLTU4, CLT4	2.33	5.15
273.048	SIGNAL MAST	CLTU6	2.48	
273.048	SIGNAL MAST	CLT6	2.13	
273.140	SIGNAL MAST	CLT8	2.38	
279.234	SIGNAL MAST	ES9209	2	
280.159		BARNAWARTHA		
280.165	CABLE	ELECTRIC WIRE		5.2
280.267	CABLE	ELECTRIC WIRES		6.55
280.681	LEVEL CROSSING	POST, CHILTERN - BARNAWARTHA RD (OLD HGHY)	2.1	
282.950	SIGNAL MAST	ES9331	2.09	
282.953	SIGNAL MAST	ES9332	2.08	
285.078	BRIDGE	MURRAY VALLEY HGHY BRIDGE		5.77
286.672	SIGNAL MAST	ES9454	2.05	
294.860	SIGNAL MAST	ES9721	2.07	
297.468	TELEPHONE BOX	POST	2.02	

Distance km	Item	Remarks	Structure Clearance	
			Horizontal m	Vertical m
297.471	SIGNAL MAST	WOD2	1.67	
297.500	CABLE	6no Cables		6.09
297.623	RELAY BOX	CABINET	2.28	
297.625	PORTAL SIGNALS	WODU4, WOD4	2.37	5.18
297.635	TELEPHONE BOX	POST	2.12	
298.111	BRIDGE	HUME FREEWAY, WODONGA (2 BRIDGES)		5.54
298.500	PORTAL SIGNALS	WOD6, WODU6	2.35	5.12
298.641	SIGNAL MAST	WOD8	1.7	
298.653	TELEPHONE BOX	POST	2.1	
299.632	LEVEL CROSSING	POST, KELLY ST	2.2	
299.680	SIGNAL MAST	4	2.25	
300.320	SIGNAL MAST	3	1.84	
300.440	SIGNAL MAST	8	1.81	
300.730	PEDESTRIAN XING	Up end of WODONGA Station	2.13	
300.780	SIGNAL MAST	18	2.19	
300.785		WODONGA		
300.830	LEVEL CROSSING	POST, STATION ENTRANCE RD	2.12	
300.835	TELEPHONE BOX	POST	2.35	
300.840	SIGNAL MAST	82	2.31	
301.193	LEVEL CROSSING	POST AND FENCE, HOVELL ST	2.1	
301.220	SIGNAL MAST	94	1.86	
301.223	SIGNAL MAST	96	2.2	
301.545	PORTAL SIGNALS	U22, 30	2.37	5.3
301.590		End of R/SG/BANDIANA LINE		
301.611	LEVEL CROSSING	FENCE, OSBURN ST	2.37	
301.750	PORTAL SIGNALS	U10, U18		5.14
301.895	CABLE	ELECTRIC WIRES		6.5
302.510	PORTAL SIGNALS	E9973, E9974, U8		5.37
302.565	SIGNAL MAST	4	1.77	

Distance km	Item	Remarks	Structure Clearance	
			Horizontal m	Vertical m
303.744	CABLE	ELECTRIC WIRES		6.7
304.070	PORTAL SIGNALS	3, 14	1.54	5.09
304.149		V/LINE - NSW SRA JUNCTION		
304.150	BRIDGE	NSW SRA MURRAY RIVER BRIDGE	2.05	5.26