

# UGL REGIONAL LINX



**Section 13 - Northern Section Pages**

**CRN-MPN-ROL-713026361-1398**

**TOC 13**

**LINKING  
COMMUNITIES.**

**CONNECTING  
CUSTOMERS.**



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## Document Control

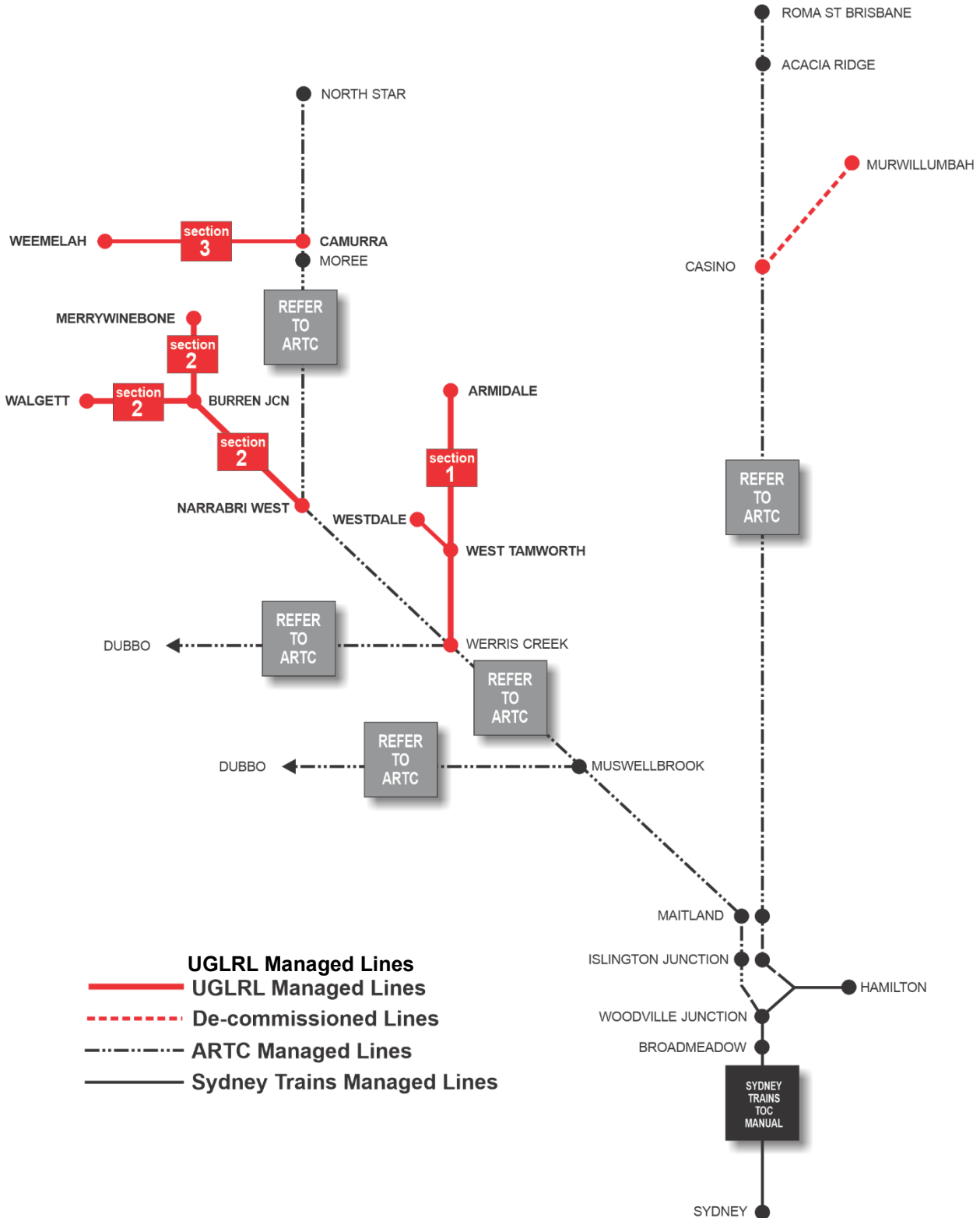
Function	Position	Name	Date
<b>Author</b>	Principal Rollingstock Engineer	Nicholas Coulthard	12/05/2026 08:24
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<b>Approver</b>	Assets & Engineering Manager	Michael Wright	24/04/2026 09:55

Revision	Issue Date	Revision Description
<b>4.2</b>	24.12.2021	UGLRL Operational Standards Template applied
<b>5</b>	25.01.2022	First approved and issued UGLRL version; for issue to intranet and website
<b>6</b>	23.03.2022	General update with minor formatting improvements
<b>7</b>	25.03.2022	File name changed to “Section 13 – Northern Section Pages for consistency”. Incorporated waivers 21-060 and 21-076A. JHR references replaced with UGLRL
<b>8</b>	01.06.2023	Updated details for Burren Jn perway siding & Namoi Cotton siding.
<b>9</b>	16.06.2023	Incorporated waiver 23-021.
<b>10</b>	21.12.2023	Incorporated waiver 23-062.
<b>11</b>	03.10.2024	Incorporated waiver 23-057.
<b>12</b>	12.05.2026	Quarterly update (Q1 2026).

## Summary of changes made from previous version

Section	Summary of change
<b>All</b>	Incorporated waiver 26-006.

# NORTH SECTION ROUTE MAP

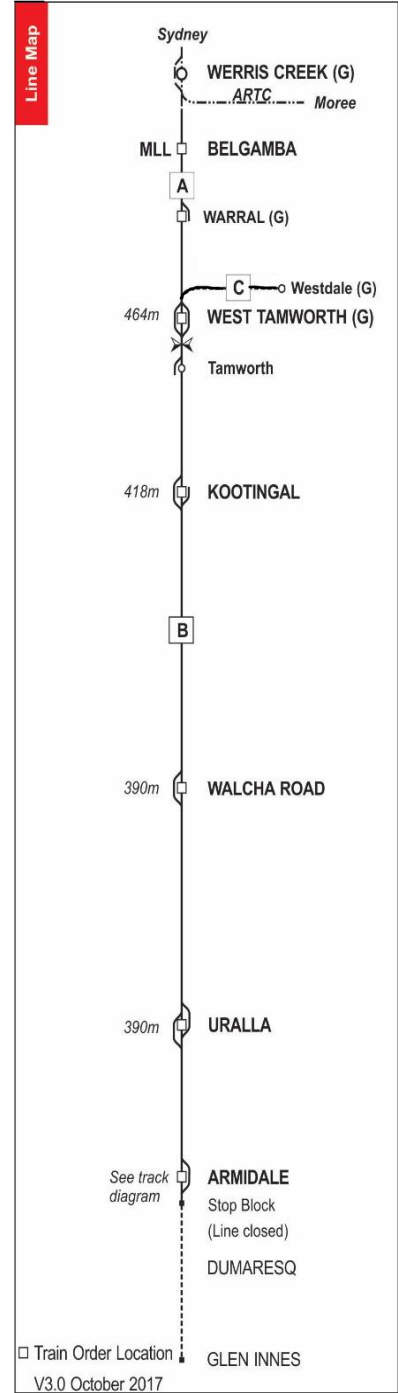


File: North Sec Route Map V4.0.cdr



SECTION 1A	Werris Creek - West Tamworth (Up to Frame C at 453.389km on the mainline)								
	Vehicle Type	Freight Axle Load/Speed							
		19t	19.5t	20t	20.25t	21t	21.75t	23t	25t
Freight	A	100	100	100	90	65 (b)	50(b)	35(b)	
	B	100	100	100	90	65 (b)	50(b)	35(b)	
	C	100	100	100	90	65 (b)	50(b)	35(b)	
	D	100	100	100	90	65 (b)	50(b)	35(b)	
	E	100	100	100	90	65 (b)	50(b)	35(b)	
	F	100	100	100	90	65 (b)	50(b)	35(b)	
Locomotives (a) (c)	Load Rating	S4	S5	S6	S8	S9-S13			
	Max Speed	50	55	55	70	100			
Passenger	XPT	140							
	Xplorer	140							
	Other	100							

SECTION 1B	West Tamworth - Armidale								
	Vehicle Type	Freight Axle Load/Speed							
		19t	19.5t	20t	20.25t	21t	21.75t	23t	25t
Freight	A	100	100						
	B	100	100						
	C	80	80						
	D	65							
	E	100	100	70 (g)	70 (g)				
	F								
Locomotives (a) (c)	Load Rating	S5 – S7		S8	S9 – S13				
	Max Speed	35		80	100				
Passenger	XPT	120							
	Xplorer	120							
	Other	100							



SECTION 1C	West Tamworth - Westdale								
	Vehicle Type	Freight Axle Load/Speed							
		19t	19.5t	20t	20.25t	21t	21.75t	23t	25t
Freight	A	15	15	15	15	15	15	15	
	B	15	15	15	15	15	15	15	
	C	15	15	15	15	15	15	15	
	D	15	15	15	15	15	15	15	
	E	15	15	15	15	15	15	15	
	F	15	15	15	15	15	15	15	
Locomotive s (a) (c)	Load Rating	S4- S13							
	Max Speed	15							
Passenger	XPT	15							
	Xplorer	15							
	Other	15							

**NOTES:**

- a) Unless shown otherwise, S2, S3 & S4 locomotives are not permitted to operate on this corridor except when configured as an S5 locomotive, by short loading of fuel as required by Note R19 in Section 10 of the TOC Manual.
- b) Sidings rated to 20.25t except the following rated to 23t: Marshalling Siding, Platform Siding, Storage Siding No 1 and Storage Siding No 2.
- c) Rolling stock covered by "Note R9" in Section 10 of the General Instruction Pages are not permitted to operate on this corridor with the exception of those locomotives and corridors identified under "Note R9".
- g) Only vehicles covered by Note R16 in Section 10 of the TOC Manual
- h) From April 2023, whenever any part of a vehicle/consist is located on the Peel River viaduct between 454.122km and 454.433km, or the Woolbrook viaduct between 510.117km and 510.350km:
  - I. XPT trains and trailer cars, DMU Xplorer trains and Heritage DMUs (621/631 & 721/731) are permitted at maximum 10km/h.
  - II. AK Car Carriages (not exceeding 19TAL) are permitted at maximum 10 km/h when hauled by Class 45, 47, 48, 49, 600, GM1 or GM12 locomotives.
  - III. Resurfacing consists, Rail Flaw detection Hi-Rails and Maintenance High-Rails are permitted at maximum 10 km/h.
  - IV. Unless listed above and used in the above context, no vehicle or consist is permitted over these bridges without pre-approval of the Principal Track and Civil Engineer. Pre-approved vehicles currently include ballast trains not exceeding 19TAL.



DOWN		LOCO-MOTIVE LOAD/SPEED CAT.	LOCOMOTIVES				TRAIN DATA			NOTES
			ONE	TWO	THREE	FOUR	VEHICLE SPEED CLASS	SECTION RUN TIMES	WAGON AXLE LOADING	
LOADS & CONDITIONS	TRAILING LOAD (tonnes)									
SECTIONS										
1	WERRIS CREEK-ARMIDALE	AC6-L7/S5	250	500	750	1000	ABC	1(80-35)	19.5	(a)
2										
3	WERRIS CREEK-ARMIDALE	L9-L12/S8-S9	150	300	450	600	ABC	2(80-80)	19.5	
4										
5	WERRIS CREEK-ARMIDALE	AC6/S5	1500	3000	4500	6000	ABC	3 (80-35)	19.5	(a)
6	WERRIS CREEK-ARMIDALE	L3/S5	1200	2400	3600	4800	ABC	3 (80-35)	19.5	(a)
7	WERRIS CREEK-ARMIDALE	L4/S5	1131	2262	3391	4524	ABC	3 (80-35)	19.5	(a)
8	WERRIS CREEK-ARMIDALE	L5/S5	1056	2112	3168	4224	ABC	3 (80-35)	19.5	(a)
9	WERRIS CREEK-ARMIDALE	L6/S5	926	1852	2778	3704	ABC	3 (80-35)	19.5	(a)
10	WERRIS CREEK-ARMIDALE	L7/S5	909	1818	2727	3636	ABC	3 (80-35)	19.5	
11	WERRIS CREEK-ARMIDALE	L8/S5	875	1750	2625	3500	ABC	3 (80-35)	19.5	(a)
12	WERRIS CREEK-ARMIDALE	L9/S6	750	1500	2250	3000	ABC	3 (80-35)	19.5	
13	WERRIS CREEK-ARMIDALE	L4/S5	1131	2262	3391	4524	ABCE	3 (70-35)	20.25	(a)
14										
15	WERRIS CREEK-ARMIDALE	L9/S8	750	1500	2250	3000	ABC	4 (80-80)	19.5	
16	WERRIS CREEK-ARMIDALE	L10/S9	725	1450	2175	2900	ABC	4 (80-80)	19.5	
17	WERRIS CREEK-ARMIDALE	L11/S8	640	1280	1920	2560	ABC	4 (80-80)	19.5	
18	WERRIS CREEK-ARMIDALE	L12/S9	615	1230	1845	2460	ABC	4 (80-80)	19.5	
19	WERRIS CREEK-ARMIDALE	L13/S13	275	550	825	1100	ABC	4 (80-80)	19.5	
20										
21	WERRIS CREEK-ARMIDALE	L13/S13	410	820	1230	1640	ABC	5 (80-80)	19.5	
22	WERRIS CREEK-ARMIDALE	L7/S8	909	1818	2727	3636	ABC	5 (80-80)	19.5	
23										
24	WERRIS CREEK-ARMIDALE	L12/S9	615	1230	1845	2460	ABCE	6 (70-60)	20.25	
25	WERRIS CREEK-ARMIDALE	L13/S13	275	550	825	1100	ABCE	6 (70-60)	20.25	

See note (a) page 2



DOWN	SECTIONAL RUNNING TIMES							FULL SECTIONAL LOADS													GRADE
								LOCOMOTIVE LOAD CATEGORIES													
SECTIONS	1	2	3	4	5	6	Light engine	AC6	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13		
WERRIS CREEK	☺	☺	☺	☺	☺	☺	S5-S7/S8-S13	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
WEST TAMWORTH	33	33	43	42	49	45	33/33	1676	1341	1265	1183	1040	1018	980	842	815	743	693	483		1:45
TAMWORTH	9	9	9	9	9	9	6/6	2357	1894	1789	1678	1479	1444	1399	1204	1163	1065	994	693		1:66
NEMINGHA	15	10	15	11	12	11	14/8	2766	2227	2104	1976	1743	1699	1650	1422	1372	1259	1175	820		1:82
KOOTINGAL	18	10	19	11	12	12	19/9	2171	1743	1646	1543	1359	1328	1285	1105	1068	977	912	636		1:62
WALCHA ROAD	91	59	120	98	129	100	87/53	<b>1500</b>	<b>1200</b>	<b>1131</b>	<b>1056</b>	<b>926</b>	<b>909</b>	<b>875</b>	<b>750</b>	<b>725</b>	<b>660</b>	<b>615</b>	<b>410</b>		<b>1:40</b>
URALLA	67	33	71	41	48	47	67/32	1710	1369	1292	1208	1062	1040	1002	860	833	759	708	494		1:46
ARMIDALE	43	20	46	24	28	30	43/20	1846	1479	1396	1307	1149	1125	1085	933	902	823	768	536		1:51
<b>Totals</b>	276	174	323	236	287	254	269/161														

Train stopping and starting time allowance when operating in Train Order Working (TOW) areas

Schedules 1, 2, 3, 4, 5, 6 and light engine.	Stopping	1 minute added to the section
	Starting	1 minute added to the next section



UP		LOCO-MOTIVE LOAD/SPEED CAT.	LOCOMOTIVES				TRAIN DATA			NOTES
			ONE	TWO	THREE	FOUR	VEHICLE SPEED CLASS	SECTION RUN TIMES	WAGON AXLE LOADING	
LOADS & CONDITIONS	SECTIONS		TRAILING LOAD (tonnes)							
1	ARMIDALE-WERRIS CREEK	AC6/S5	1500	3000	4500	6000	ABC	1 (35-80)	19.5	(a)
2	ARMIDALE-WERRIS CREEK	L3/S5	1200	2400	3600	4800	ABC	1 (35-80)	19.5	(a)
3	ARMIDALE-WERRIS CREEK	L4/S5	1131	2262	3391	4524	ABC	1 (35-80)	19.5	(a)
4	ARMIDALE-WERRIS CREEK	L5/S5	1056	2112	3168	4224	ABC	1 (35-80)	19.5	(a)
5	ARMIDALE-WERRIS CREEK	L6/S5	926	1852	2778	3704	ABC	1 (35-80)	19.5	(a)
6	ARMIDALE-WERRIS CREEK	L7/S5	909	1818	2727	3636	ABC	1 (35-80)	19.5	
7	ARMIDALE-WERRIS CREEK	L8/S5	875	1750	2625	3500	ABC	1 (35-80)	19.5	(a)
8	ARMIDALE-WERRIS CREEK	L9/S6	750	1500	2250	3000	ABC	1 (35-80)	19.5	
9										
10	ARMIDALE-WERRIS CREEK	L9/S8	750	1500	2250	3000	ABC	2 (80-80)	19.5	
11	ARMIDALE-WERRIS CREEK	L10/S9	725	1450	2175	2900	ABC	2 (80-80)	19.5	
12	ARMIDALE-WERRIS CREEK	L11/S8	640	1280	1920	2560	ABC	2 (80-80)	19.5	
13	ARMIDALE-WERRIS CREEK	L12/S9	615	1230	1845	2460	ABC	2 (80-80)	19.5	
14	ARMIDALE-WERRIS CREEK	L13/S13	290	580	870	1160	ABC	2 (80-80)	19.5	
15										
16	ARMIDALE-WERRIS CREEK	L13/S13	410	820	1230	1640	ABC	3 (80-80)	19.5	
17	ARMIDALE-WERRIS CREEK	L7/S8	909	1818	2727	3636	ABC	3 (80-80)	19.5	
18										
19	ARMIDALE-WERRIS CREEK	L4/S5	1131	2262	3391	4524	ABCE	4 (35-70)	20.25	(a)
20										
21	ARMIDALE-WERRIS CREEK	L12/S9	615	1230	1845	2460	ABCE	5 (60-70)	20.25	
22										
23	ARMIDALE-WERRIS CREEK	L13/S13	410	820	1230	1640	ABCE	6 (60-70)	20.25	

See note (a) page 2



UP	SECTIONAL RUNNING TIMES							FULL SECTIONAL LOADS													GRADE
								LOCOMOTIVE LOAD CATEGORIES													
SECTIONS	1	2	3	4	5	6	Light engine	AC6	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13		
ARMIDALE	☺	☺	☺	☺	☺	☺	S5-S7/ S8-S13	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
URALLA	45	26	31	45	30	34	44/20	2011	1613	1523	1427	1256	1228	1186	1020	986	901	841	587	1:55	
WALCHA ROAD	70	39	48	70	45	54	67/32	1676	1341	1265	1183	1040	1018	980	842	815	743	693	483	1:45	
KOOTINGAL	86	59	65	86	61	67	82/52	1846	1479	1396	1307	1149	1125	1085	933	902	823	768	536	1:52	
NEMINGHA	18	10	11	18	12	12	18/9	2904	2339	2211	2077	1833	1786	1736	1495	1442	1324	1236	862	1:85	
TAMWORTH	14	8	10	14	9	10	13/8	5283	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	1600	1:208	
WEST TAMWORTH	10	10	13	10	10	13	6/6	5283	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	1600	Level	
WERRIS CREEK	40	39	46	42	42	48	34/34	1500	1200	1131	1056	926	909	875	750	725	660	615	410	1:40	
Totals	283	191	224	285	209	238	264/161														

Train stopping and starting time allowance when operating in Train Order Working (TOW) areas

Schedules 1, 2, 3, 4, 5, 6 and light engine.	Stopping	1 minute added to the section
	Starting	1 minute added to the next section



## Werris Creek to Armidale - Loops and Sidings

LOCATION	NOMINAL KILOMETRAGE	ROAD NAME	TRAIN CAPACITY (M)	TRACK ACCESS		
				MAXIMUM LOCOMOTIVE	MAXIMUM FREIGHT WAGON	TRACK VEHICLE ONLY
				"S" TYPE	AXLE LOAD	
<b>WARRAL</b>	443.605	Per Way Spur	333			✓
<b>WEST TAMWORTH</b>	452.759	Marshalling Siding	393	S5	20.25	
		Marshalling Siding Neck	76	S5	20.25	
		Storage Siding No 1	179	S5	20.25	
		Storage Siding No 2	191	S5	20.25	
		Water Road	Booked Out			
		Grain Siding	384	S5	20.25	
		Mill Siding	212	S5	20.25	
		Platform Siding	498	S5	20.25	
		No 1 Goods Siding	Booked Out			
		No 2 Goods Siding	Booked Out			
		<b>TAMWORTH</b>	455.067	Spur (Platform Dock)	Booked Out	
<b>KOOTINGAL</b>	472.090	Loop	414	S5	20.25	
		Goods Siding (Spur)	193	S13	19	
<b>WALCHA ROAD</b>	517.945	Loop	396	S5	20.25	
		No 1 Siding	186	S13	19	
		No 1 Siding Neck	160	S13	19	
<b>URALLA</b>	555.091	Loop	395	S5	20.25	
		No 1 Siding	268	S13	19	
		No 1 Siding Neck	116	S13	19	
<b>ARMIDALE</b>	578.870	Platform Road	372	S5	20.25	
		Explorer Siding	334	S13	19	
		Fuel Road Siding	Booked Out			
		Water Road Siding	381	S8	19	
		No 3 Down Siding	239	S13	19	
		Through Road Siding	Booked Out			
		Wool Siding	Booked Out			
		New England Railroad No 1	Booked Out			



## Location of Speed Signs

LOCATION	KILO-METRAGE	DOWN		UP	
		NORM	XPT	NORM	XPT
<b>WERRIS CREEK</b>	<b>410.844</b>				
	<b>411.240</b>	95	(95)	..	..
	<b>411.936</b>	100	130	95	(95)
	<b>417.609</b>	..	140	..	130
<b>LCS</b>	<b>421.227</b>	100	130	..	..
	<b>424.460</b>	90	100	100	140
	<b>425.384</b>	85	90	90	100
	<b>428.858</b>	100	140	85	90
<b>BELGAMBA</b>	<b>429.800</b>				
<b>Advisory</b>	<b>442.910</b>	50	100		
<b>WARRAL</b>	<b>443.904</b>				
	<b>445.361</b>	..	130	..	140
	<b>446.185</b>	..	140	..	130
	<b>452.240</b>	60	(60)	..	..
	<b>452.388</b>	..	..	100	140
	<b>452.444</b>	X15	..	..	..
<b>WEST TAMWORTH</b>	<b>452.759</b>				
	<b>453.150</b>	30	(30)	40	(40)
	<b>453.674</b>	15	..	..	..
	<b>454.125</b>	10	30	30	(30)
	<b>454.275</b>	30	(30)	10	30
	<b>454.785</b>	25	(25)	30	(30)
<b>TAMWORTH</b>	<b>455.067</b>				
	<b>455.950</b>	65	75	25	(25)
	<b>457.399</b>	100	120	65	75
	<b>457.718</b>	..	..	15	..
	<b>460.401</b>	60	65	100	120
	<b>460.812</b>	70	75	60	65
	<b>461.864</b>	80	85	70	75
<b>NEMINGHA</b>	<b>462.136</b>				
	<b>463.938</b>	60	70	80	85

LOCATION	KILO-METRAGE	DOWN		UP	
		NORM	XPT	NORM	XPT
	<b>482.207</b>	45	50	55	65
	<b>483.438</b>	85	95	45	50
	<b>485.409</b>	70	80	85	95
	<b>485.703</b>	90	100	70	80
	<b>487.262</b>	45	50	90	100
	<b>488.372</b>	50	55	45	50
	<b>493.186</b>	45	50	50	55
<b>LCS</b>	<b>493.801</b>	35	(35)	..	..
	<b>494.240</b>	50	55	45	50
	<b>497.247</b>	55	60	50	55
	<b>499.563</b>	45	50	55	60
	<b>502.194</b>	50	60	45	50
<b>LCS</b>	<b>505.285</b>	25	(25)	..	..
	<b>505.390</b>	90	100	50	60
	<b>508.498</b>	60	70	90	100
	<b>510.117</b>	10	30	60	70
	<b>510.350</b>	45	50	10	30
	<b>512.624</b>	50	55	45	50
	<b>517.151</b>	45	50	50	55
<b>LCS</b>	<b>517.850</b>	20	(20)	..	..
<b>WALCHA ROAD</b>	<b>517.945</b>				
<b>LCS</b>	<b>518.990</b>	25	(25)	..	..
	<b>519.392</b>	55	60	45	50
<b>LCS</b>	<b>521.431</b>	..	..	45	(45)
	<b>521.471</b>	70	80	55	60
<b>LCS</b>	<b>523.324</b>	50	(50)	..	..
	<b>523.582</b>	60	70	70	80
	<b>524.609</b>	55	60	60	70
	<b>525.107</b>	70	75	55	60
	<b>526.396</b>	80	90	70	75
<b>LCS</b>	<b>528.237</b>	..	..	75	(75)
	<b>528.270</b>	100	(100)	80	90
	<b>532.512</b>	65	70	100	(100)
	<b>533.062</b>	100	120	65	70
<b>LCS</b>	<b>534.931</b>	..	..	..	105
<b>LCS</b>	<b>541.006</b>	..	..	75	(75)
	<b>551.593</b>	..	110	..	120
	<b>554.337</b>	65	70	100	110
	<b>554.666</b>	70	80	65	70



	464.240	90	100	60	70
	466.031	40	(40)	90	100
	466.494	70	75	40	(40)
	467.209	..	80	70	75
	468.649	..	75	75	80
	469.191	75	85	70	75
	469.800	..	..	60	(60)
	470.200	100	(100)	75	85
<b>Advisory</b>	471.640	40	80		
<b>KOOTINGAL</b>	472.090				
	472.700	..	110	..	100
	474.172	95	..	100	..
	474.771	100	..	95	..
<b>LCS</b>	476.380	..	..	90	(90)
	477.068	65	70	100	110
	478.055	75	85	65	70
	480.847	55	65	75	85

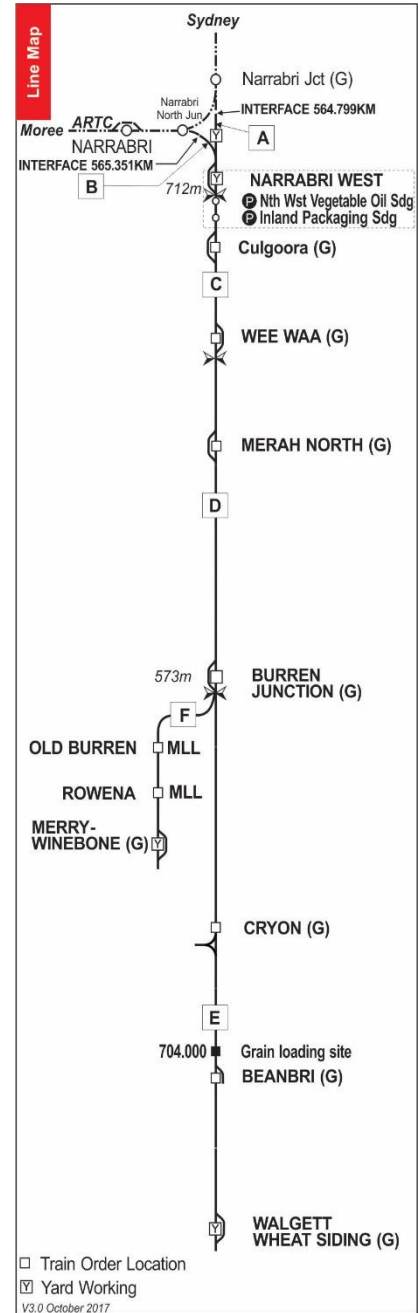
<b>URALLA</b>	555.091				
	556.864	90	100	70	80
	557.535	100	120	90	100
	572.564	95	110	100	120
	577.000	80	90	95	110
	578.380	25	(25)		
	578.430	..	..	80	90
	578.770	..	..	25	(25)
<b>ARMIDALE</b>	578.870				

NOTE: Speeds shown above in brackets are for information purposes only and do not necessarily indicate that a speed sign exists in the field. (C)LCS = (Conditional) Level Crossing Sign.



SECTION 2A	Narrabri Junction – Narrabri West								
	Vehicle Type	Freight Axle Load/Speed							
		19t	19.5t	20t	20.25t	21t	21.75t	23t	25t
Freight (c)	A	20	20	20 (m)	20 (m)	20 (m)			
	B	20	20	20 (m)	20 (m)	20 (m)			
	C	20	20	20 (m)	20 (m)	20 (m)			
	D	20							
	E	20	20	20 (g)	20 (g)				
	F	20	20	20 (l)	20 (l)	20 (l)	20 (l)	20 (l)	20 (l)
Locomotives (a) (c)	Load Rating	S4 – S13							
	Max Speed	20							
Passenger (b)	XPT	20							
	Xplorer	20							
	Other	20							

SECTION 2B	Narrabri North Junction – Narrabri West								
	Vehicle Type	Freight Axle Load/Speed							
		19t	19.5t	20t	20.25t	21t	21.75t	23t	25t
Freight (c) (d)	A	20	20	20 (m)	20 (m)	20 (m)			
	B	20	20	20 (m)	20 (m)	20 (m)			
	C	20	20	20 (m)	20 (m)	20 (m)			
	D	20							
	E	20	20	20 (g)	20 (g)				
	F	20	20	20 (l)	20 (l)	20 (l)	20 (l)	20 (l)	20 (l)
Locomotives (a) (c) (d)	Load Rating	S4 – S13							
	Max Speed	20							
Passenger (b)	XPT	20							
	Xplorer	20							
	Other	20							





SECTION 2C	Narrabri West – Wee Waa								
	Vehicle Type	Freight Axle Load/Speed							
		19t	19.5t	20t	20.25t	21t	21.75t	23t	25t
Freight	A	80	80	50 (m)	50 (m)	50 (m)			
	B	80	80	50 (m)	50 (m)	50 (m)			
	C	80	80	50 (m)	50 (m)	50 (m)			
	D	60							
	E	80	80	60 (g)	60 (g)				
	F								
Locomotives (a)	Load Rating	S5 – S7		S8 - S12		S13			
	Max Speed	50		60		80			
Passenger (b)	XPT	80							
	Xplorer	80							
	Other	80							

SECTION 2D	Wee Waa – Burren Junction (650.305 km)								
	Vehicle Type	Freight Axle Load/Speed							
		19t	19.5t	20t	20.25t	21t	21.75t	23t	25t
Freight (c)	A	80	80	50 (m)	50 (m)	50 (m)			
	B	80	80	50 (m)	50 (m)	50 (m)			
	C	80	80	50 (m)	50 (m)	50 (m)			
	D	60							
	E	100	100	60 (g)	60 (g)				
	F								
Locomotives (a) (c)	Load Rating	S5 – S7		S8 – S12		S13			
	Max Speed	50		60		80			
Passenger (b)	XPT	50							
	Xplorer	50							
	Other	50							

SECTION 2E	Burren Junction (650.305 km) – Walgett								
	Vehicle Type	Freight Axle Load/Speed							
		19t	19.5t	20t	20.25t	21t	21.75t	23t	25t
Freight (c)	A	50	50	50 (m)	50 (m)	50 (m)			
	B	50	50	50 (m)	50 (m)	50 (m)			
	C	50	50	50 (m)	50 (m)	50 (m)			
	D	50							
	E	50	50	50 (g)	50 (g)				
	F								
Locomotives (a) (c) (d)	Load Rating	S5 – S7		S8 – S13					
	Max Speed	40		50					
Passenger (b)	XPT	50							
	Xplorer	50							
	Other	50							

SECTION 2F	Burren Junction (650.305 km) – Merrywinebone								
	Vehicle Type	Freight Axle Load/Speed							
		19t	19.5t	20t	20.25t	21t	21.75t	23t	25t
Freight (c)	A	30							
	B	30							
	C	30							
	D	30							
	E								
	F								
Locomotives (c)	Load Rating	S12	S13						
	Max Speed	25	30						
Passenger (b)	XPT	30							
	Xplorer	30							
	Other	30							

**NOTES:**

- a) Unless shown otherwise, S2 and S3 locomotives are not permitted to operate on this corridor except when configured as an S5 locomotive, by short loading of fuel as required by Note R19 in Section 10 of the TOC Manual.
- b) Passenger trains are not permitted to operate on this track section unless authorised by the CRN Access Manager.
- c) Rolling Stock covered by "Note R9" in Section 10 of the General Instruction Pages are not permitted to operate on this corridor with the exception of those locomotives identified under "Note R9".
- g) Only vehicles covered by Note R16 in Section 10 of the TOC Manual
- l) 25 tonne axle loads are permitted in the Narrabri West area between the ARTC borders on the North and South Triangle Loops and the Shunt Limit Board at 567.910km, via the Main line and Nos 1 and 2 roads.
- m) Axle loads up to 21 tonne permitted in accordance with Note R20 in Section 10 of the TOC Manual



DOWN		LOCOMOTIVE LOAD/ SPEED CAT.	LOCOMOTIVES				TRAIN DATA			NOTES
			ONE	TWO	THREE	FOUR	VEHICLE SPEED CLASS	SECTION RUN TIMES	WAGON AXLE LOADING	
LOADS & CONDITIONS	TRAILING LOAD (tonnes)									
SECTIONS										
1	NARRABRI JCT-WALGETT	L13/S12	500	1000			ABC	1(60-60-50)	19.5	
2	NARRABRI JCT-WALGETT	L13/S13	500	1000			ABC	1(80-80-50)	19.5	
3	NARRABRI JCT-WALGETT	L10-L12/S8-S9	1000	2000			ABC	1(60-60-50)	19.5	
4	NARRABRI JCT-WALGETT	L7/S8	1000	2000			ABC	1(60-60-50)	19.5	
5										
6	NARRABRI JCT-WALGETT	L4-L9/S5-S6	1000	2000			ABC	2(50-50-40)	19.5	
7	NARRABRI JCT-WALGETT	AC6/S5	1200	2400			ABC	2(50-50-40)	19.5	(a)
8	NARRABRI JCT-WEE WAA	L2/S4	1000	2000			ABC	2(50)	21.0	
9										
10	NARRABRI JCT-WALGETT	AC6/S5	5283	10566			ABC	3(50-50-40)	21.0	(a)
11	NARRABRI JCT-WALGETT	L3/S5	4274	8548			ABC	3(50-50-40)	21.0	(a)
12	NARRABRI JCT-WALGETT	L4/S5	4044	8088			ABC	3(50-50-40)	21.0	(a)
13	NARRABRI JCT-WALGETT	L5/S5	3809	7618			ABC	3(50-50-40)	21.0	(a)
14	NARRABRI JCT-WALGETT	L6/S5	3369	6738			ABC	3(50-50-40)	21.0	(a)
15	NARRABRI JCT-WALGETT	L7/S5	3274	6548			ABC	3(50-50-40)	21.0	
16	NARRABRI JCT-WALGETT	L8/S5	3199	6398			ABC	3(50-50-40)	21.0	(a)
17	NARRABRI JCT-WALGETT	L9/S6	2761	5522			ABC	3(50-50-40)	21.0	
18	NARRABRI JCT-WALGETT	L7/S8	3274	6548			ABC	3(60-60-50)	21.0	
19	NARRABRI JCT-WEE WAA	L2/S4	4624	9248			ABC	3(50)	21.0	
20										
21	NARRABRI JCT-WALGETT	L9/S8	2761	5522			ABC	4(60-60-50)	19.5	
22	NARRABRI JCT-WALGETT	L10/S9	2658	5316			ABC	4(60-60-50)	19.5	
23	NARRABRI JCT-WALGETT	L11/S8	2452	4904			ABC	4(60-60-50)	19.5	
24	NARRABRI JCT-WALGETT	L12/S9	2288	4576			ABC	4(60-60-50)	19.5	
25										
26	NARRABRI JCT-WALGETT	L12-L13/S12-S13	2100	4200			ABC	5(80-80-50)	19.5	
27										
28	BURREN JCT- MERRYWINEBONE	L13/S13	2100	4200			ABCD	1(30)	19.0	
29	BURREN JCT- MERRYWINEBONE	L13/S12	2100	4200			ABCD	2(25)	19.0	

See note (a) page 2



DOWN	SECTIONAL RUNNING TIMES						FULL SECTIONAL LOADS													GRADE
	SECTIONAL RUNNING TIMES						LOCOMOTIVE LOAD CATEGORIES													
SECTIONS	1	2	3	4	5	Light engine	AC6	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	
NARRABRI JCT	☺	☺	☺	☺	☺	S4-S7/ S8-S12/S13	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
NARRABRI WEST	3	3	3	3	4	3/3/3	5283	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	2100	Level
CULGOORA	23	26	28	26	36	24/21/16	5283	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	2100	Level
WEE WAA	17	20	20	17	25	20/17/13	5283	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	2100	Level
MERAH NORTH	18	20	22	21	31	19/17/14	5283	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	2100	Level
BURREN JCT	39	45	49	46	69	44/38/29	5283	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	2100	Level
CRYON	49	61	62	51	76	60/48/48	5283	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	2100	Level
BEANBRI	27	34	34	27	42	34/27/27	5283	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	2100	Level
WALGETT	34	44	44	35	57	44/34/34	5283	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	2100	Level
Totals	210	253	262	226	340	248/205/184														
BURREN JCT	☺	☺				S12/S13	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
OLD BURREN	47	54				50/42	5283	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	2100	Level
ROWENA	35	43				41/35	5283	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	2100	Level
MERRYWINEBONE	38	46				45/37	5283	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	2100	Level
Totals	120	143				136/114														

Train stopping and starting time allowance when operating in Train Order Working (TOW) areas

Schedules 1, 2, 3, 4, 5 and light engine.	Stopping	1 minute added to the section
	Starting	1 minute added to the next section



UP		LOCOMOTIVE LOAD/SPEED CAT.	LOCOMOTIVES				TRAIN DATA			NOTES
			ONE	TWO	THREE	FOUR	VEHICLE SPEED CLASS	SECTION RUN TIMES	WAGON AXLE LOADING	
LOADS & CONDITIONS	SECTIONS		TRAILING LOAD (tonnes)							
1	WALGETT-NARRABRI JCT	AC6/S5	5283	10566			ABC	1(50-50-40)	21.0	(a)
2	WALGETT-NARRABRI JCT	L3/S5	4274	8548			ABC	1(50-50-40)	21.0	(a)
3	WALGETT-NARRABRI JCT	L4/S5	4044	8088			ABC	1(50-50-40)	21.0	(a)
4	WALGETT-NARRABRI JCT	L5/S5	3809	7618			ABC	1(50-50-40)	21.0	(a)
5	WALGETT-NARRABRI JCT	L6/S5	3369	6738			ABC	1(50-50-40)	21.0	(a)
6	WALGETT-NARRABRI JCT	L7/S5	3274	6548			ABC	1(50-50-40)	21.0	
7	WALGETT-NARRABRI JCT	L8/S5	3199	6398			ABC	1(50-50-40)	21.0	(a)
8	WALGETT-NARRABRI JCT	L9/S6	2761	5522			ABC	1(50-50-40)	21.0	
9	WALGETT-NARRABRI JCT	L7/S8	3274	6548			ABC	1(60-60-50)	21.0	
10	WALGETT-NARRABRI JCT	L2/S4	4624	9248			ABC	1(50)	21.0	
11										
12	WALGETT-NARRABRI JCT	L9/S8	2761	5522			ABC	2(60-60-50)	19.5	
13	WALGETT-NARRABRI JCT	L10/S9	2658	5316			ABC	2(60-60-50)	19.5	
14	WALGETT-NARRABRI JCT	L11/S8	2452	4904			ABC	2(60-60-50)	19.5	
15	WALGETT-NARRABRI JCT	L12/S9	2288	4576			ABC	2(60-60-50)	19.5	
16										
17	WALGETT-NARRABRI JCT	L12-L13/S12-S13	2100	4200			ABC	3(80-80-50)	19.5	
18										
19	MERRYWINEBONE-BURREN JCT	L13/S13	2100	4200			ABCD	1(30)	19.0	
20	MERRYWINEBONE-BURREN JCT	L13/S12	2100	4200			ABCD	2(25)	19.0	

See note (a) page 2



UP	SECTIONAL RUNNING TIMES				FULL SECTIONAL LOADS													GRADE		
					LOCOMOTIVE LOAD CATEGORIES															
SECTIONS	1	2	3		Light engine	AC6	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13		
WALGETT	☹	☹	☹		S4-S7/ S8-S12/S13	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	
BEANBRI	45	39	60		44/35/35	5283	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	2100	Level	
CRYON	34	27	44		34/27/27	5283	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	2100	Level	
BURREN JCT	61	51	87		60/48/48	5283	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	2100	Level	
MERAH NORTH	56	54	86		44/38/30	5283	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	2100	Level	
WEE WAA	26	25	37		20/17/14	5283	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	2100	Level	
CULGOORA	27	26	42		20/17/14	5283	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	2100	Level	
NARRABRI WEST	32	30	47		24/21/17	5283	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	2100	Level	
NARRABRI JCT	3	3	3		3/3/3	5283	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	2100	Level	
<b>Totals</b>	284	255	406		249/206/188															
MERRYWINEBONE	☹	☹			S12/S13	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	
ROWENA	41	48			45/38	5283	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	2100	Level	
OLD BURREN	37	43			41/35	5283	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	2100	Level	
BURREN JCT	48	53			50/42	5283	4624	4274	4044	3809	3369	3274	3199	2761	2658	2452	2288	2100	Level	
<b>Totals</b>	126	144			136/115															

Train stopping and starting time allowance when operating in Train Order Working (TOW) areas

Schedules 1, 2, 3, and light engine.	Stopping	1 minute added to the section
	Starting	1 minute added to the next section



## Narrabri Junction to Walgett - Loops and Sidings

LOCATION	NOMINAL KILOMETRAGE	ROAD NAME	TRAIN CAPACITY (M)	TRACK ACCESS		
				MAXIMUM LOCOMOTIVE	MAXIMUM FREIGHT WAGON	TRACK VEHICLE ONLY
				"S" TYPE	AXLE LOAD	
<b>NARRABRI JUNCTION</b>		North Triangle	370	S3	25	
		South Triangle	337	S3	25	
<b>NARRABRI WEST</b>	565.770	No 1 Road Siding	1024	S3	25	
		No 2 Road Siding		S3	25	
		No 3 Road Siding	874	Main line		
		Sleeper Road	314	S13	19	
		Fuel Road	123	S13	19	
		No A Siding	233	Private		
		No B Siding	232	Private		
		No 4 Road	334	Private		
		No 5 Road	860	Private		
<b>CULGOORA</b>	583.441	Loop	347	S4	21	
<b>WEE WAA</b>	598.959	Loop	1140	S4	21	
		Namoi Cotton (derelict)	0	Private		
<b>MERAH NORTH</b>	613.803	Loop	1002	S5	21	
<b>BURREN JUNCTION</b>	647.966	Grain Siding Loop	1436	S5	21	
		Perway Siding	65	N/A	N/A	✓
<b>CRYON</b>	684.771	Grain Siding	278	S5	21	
<b>BEANBRI</b>	705.550	Perway Spur	69	S5	21	
<b>WALGETT WHEAT</b>	731.981	No 1 Grain Siding	1061	S5	21	
		No 2 Grain Siding	914	S5	21	

## Burren Junction to Merrywinebone - Loops and Sidings

LOCATION	NOMINAL KILOMETRAGE	ROAD NAME	TRAIN CAPACITY (M)	TRACK ACCESS		
				MAXIMUM LOCOMOTIVE	MAXIMUM FREIGHT WAGON	TRACK VEHICLE ONLY
				"S" TYPE	AXLE LOAD	
<b>MERRYWINEBONE</b>	700.428	Namoi Cotton siding (derelict)	0	N/A	N/A	
		Grain Siding No. 1	713	S12	19	
		Grain Siding No. 2	490	S12	19	
		Mainline (unnamed)	657	S12	19	



## Location of Speed signs

LOCATION	KILO-METRAGE	DOWN		UP	
		NORM	XPT	NORM	XPT
	564.747	X25			
<b>NARRABRI JUNCTION</b>	565.009				
<b>SOUTH TRIANGLE</b>	565.009	20	..	X25	..
<b>NARRABRI WEST</b>	565.770				
<b>CLCS</b>	566.202	15	..	..	..
	566.470	80	..	20	..
<b>CULGOORA</b>	583.441				
<b>CLCS</b>	583.446	..	..	10	..
	597.388	50	..	80	..
<b>LCS</b>	598.560	35			
<b>LCS</b>	598.899	..	..	25	..
<b>WEE WAA</b>	598.959				
	600.268	80	..	50	..
<b>LCS</b>	602.027	15	..	..	..
<b>LCS</b>	602.208	..	..	15	..
	608.603	60	..	80	..
	609.065	80	..	60	..
<b>MERAH NORTH</b>	613.803				
<b>CLCS</b>	613.964	10			
<b>CLCS</b>	614.142			10	
<b>MERAH NORTH WHEAT</b>	614.266				

LCS = Level Crossing Sign

CLCS = Conditional Level Crossing Sign

BURREN JUNCTION - MERRYWINEBONE					
LOCATION	KILO-METRAGE	DOWN		UP	
		NORM	XPT	NORM	XPT
<b>BURREN JUNCTION</b>	647.966				
<b>Down Sign placed on Up</b>	648.670	30	..	25	
<b>CLCS</b>	649.309	10			
<b>OLD BURREN</b>	667.300				

LOCATION	KILO-METRAGE	DOWN		UP	
		NORM	XPT	NORM	XPT
<b>LCS</b>	617.600	10	..	..	..
<b>LCS</b>	617.720	..	..	10	..
<b>LCS</b>	620.374	55	..	..	..
<b>LCS</b>	628.756	40	..	..	..
<b>LCS</b>	629.366	..	..	40	..
<b>Up Sign placed on Down Side LCS</b>	647.900	..	..	20	
<b>BURREN JUNCTION</b>	647.966				..
<b>Up Sign placed on Down Side</b>	648.350	25	..	80	
<b>Up Sign placed on Down Side</b>	648.670	50	..	25	..
<b>CLCS</b>	649.315	10			..
<b>CRYON</b>	684.771				
<b>BEANBRI</b>	705.550				
	731.641	..	..	50	
<b>LCS</b>	731.819	10			..
<b>LCS</b>	731.926			10	
<b>Staff Hut</b>	731.775				
<b>WALGETT WHEAT</b>	731.981				
<b>Stop block</b>	733.200				
NARRABRI NORTH JCT – NARRABRI WEST JCT					
<b>NARRABRI NORTH JUNCTION</b>	565.274				
<b>LCS</b>	565.504	10	..	..	..
	565.675	20	..	..	..
<b>LCS</b>	565.704	..	..	15	..
<b>NARRABRI WEST JUNCTION</b>	565.770				

LOCATION	KILO-METRAGE	DOWN		UP	
		NORM	XPT	NORM	XPT
<b>ROWENA</b>	683.250				
	698.050	..	..	30	..
<b>LCS</b>	700.025	10			
<b>LCS</b>	700.123			10	
<b>MERRYWINEBONE</b>	700.428				





DOWN		LOCOMOTIVE LOAD/SPEED CAT.	LOCOMOTIVES				TRAIN DATA			NOTES
			ONE	TWO	THREE	FOUR	VEHICLE SPEED CLASS	SECTION RUN TIMES	WAGON AXLE LOADING	
LOADS & CONDITIONS			TRAILING LOAD (tonnes)							
SECTIONS										
1	CAMURRA WEST-WEEMELAH	L13/S13	250	500	750	1000	ABCD	1 (30)	19.0	
2	CAMURRA WEST-WEEMELAH	L13/S13	2100	4200			ABCD	2 (30)	19.0	

NOTE: Operators wishing to operate train services between Camurra West and Weemelah should lodge requests to the CRN Team Leader Planning

DOWN	SECTIONAL RUNNING TIMES						FULL SECTIONAL LOADS											GRADE	
							LOCOMOTIVE LOAD CATEGORIES												
SECTIONS	1	2				Light engine	AC6	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	
CAMURRA WEST	☺	☺				S13	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
GARAH	95	97				94	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2100	Level
WEEMELAH	76	78				75	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2100	Level

Running Time Allowance for Train Order Working (TOW)

- 1 minute to stop added to section Schedules 1, 2 and light engine.
- 2 minute to start added to next section Schedules 1, 2 and light engine.

UP		LOCOMOTIVE LOAD/SPEED CAT.	LOCOMOTIVES				TRAIN DATA			NOTES
			ONE	TWO	THREE	FOUR	VEHICLE SPEED CLASS	SECTION RUN TIMES	WAGON AXLE LOADING	
LOADS & CONDITIONS			TRAILING LOAD (tonnes)							
SECTIONS										
1	WEEMELAH-CAMURRA WEST	L13/S13	250	500	750	1000	ABCD	1 (30)	19.5	
2	WEEMELAH-CAMURRA WEST	L13/S13	2100	4200			ABCD	2 (30)	19.5	

NOTE: Operators wishing to operate train services between Camurra West and Weemelah should lodge requests to the CRN Team Leader Planning

UP	SECTIONAL RUNNING TIMES						FULL SECTIONAL LOADS											GRADE	
							LOCOMOTIVE LOAD CATEGORIES												
SECTIONS	1	2				Light engine	AC6	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	
WEEMELAH	☺	☺				S13	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
GARAH	76	84				75	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2100	Level
CAMURRA WEST	95	111				94	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2100	Level

Running Time Allowance for Train Order Working (TOW)

- 1 minute to stop added to section Schedules 1, 2 and light engine.
- 2 minute to start added to next section Schedules 1, 2 and light engine.

## Camurra to Weemelah - Loops and Sidings

LOCATION	NOMINAL KILOMETRAGE	ROAD NAME	TRAIN CAPACITY (M)	TRACK ACCESS		
				MAXIMUM LOCOMOTIVE	MAXIMUM FREIGHT WAGON	TRACK VEHICLE ONLY
				"S" TYPE	AXLE LOAD	
GARAH	724.056	Loop	414	S13	19	
		Grain Siding	940	S13	19	
WEEMELAH	762.505	Neck	234	S13	19	
		Neck	236	S13	19	
		Loop	401	S13	19	
		Perway Siding	226			✓

## Location of Speed Signs

LOCATION	KILO-METRAGE	DOWN		UP	
		NORM	XPT	NORM	XPT
CAMURRA WEST	#679.039				
	679.040	30			
	691.115	10		30	
	691.260	30		10	
	LCS	691.840			15
LCS	691.883	10			
LCS	718.441	20			
LCS	722.860			10	
GARAH	724.056				

LOCATION	KILO-METRAGE	DOWN		UP	
		NORM	XPT	NORM	XPT
LCS	740.774	10			
LCS	740.896			10	
	741.290	10		30	
	741.480	30		10	
	756.790	10		30	
	756.940	30		10	
	760.298			30	
WEEMELAH	762.505				

LCS = Level Crossing Sign

# 679.040km - ARTC / CRN Boundary

NOTE: Operators wishing to operate train services between Camurra West and Weemelah should lodge requests to the CRN Team Leader Planning.