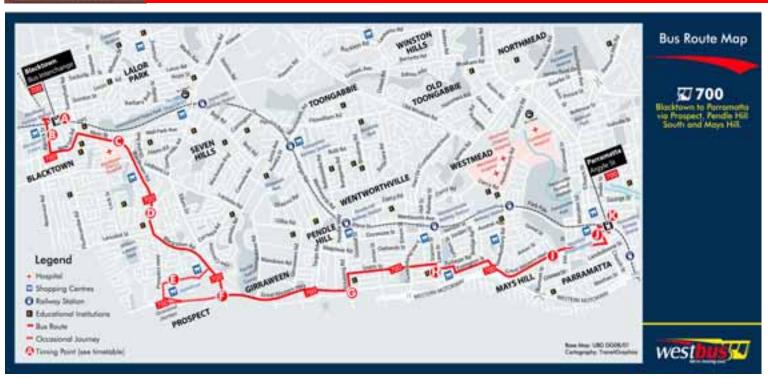


The Times

December 2005

A journal of transport timetable history and analysis





Inside: Western Rd buses
Indian miscellany
NSWGR on disk
Whence the timetable?

RRP \$2.95 Incl. GST

The Times

Journal of the Australian Association of Time Table Collectors Inc. (A0043673H) Print Publication No: 349069/00070, ISSN 0813-6327

December 2005

Issue No. 261 Vol 22 No. 12

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On the front cover	

When The Times editor first came to Sydney, he worked at CSIRO at Prospect and commuted from Manly by a complicated arrangement of buses, hydrofoils, trains, buses and Shank's Pony. Last or first leg of the journey was often via the Route 702 bus, which called at CSIRO's front door on its winding way from Parramatta to Blacktown. He was especially pleased then to find that these buses feature this month in one of Jim O'Neil's fascinating Sydney bus route histories. CSIRO is long gone, the Western Freeway cutting a swathe through its sheep paddocks where I used to denude sheep of their fleecesbut the buses still rumble westward along the Western Road.



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	Punch.
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Western Road buses from Parramatta

JIM O'NEIL forsook the North Shore to see what the Westies were up to.

hen I had collected timetables for most of the bus routes along the North Shore and Main Northern Lines, I moved my attention to Parramatta. On the south side of the railway station, in Argyle Street, next to the buses to West Ryde, Eastwood and Epping, were the brown buses of Western Road Transport Service. At that time, in the early sixties, they ran a mixture of CAC Bedfords, seating 33 and MBA Whites, seating around 40. They had five routes, all running to the west of Parramatta. My first timetable (see right and on the following 4 pages) was collected at this time. It doesn't give a date, but does give the address of the operator, 1 Rawson Road Wentworthville. You can't find the site today, since the Western Motorway runs right through it and Rawson Road is now a dead end street which stops before where the depot was. The timetable is a small booklet which contains all of the bus services operated by Western Road.

Four of these bus routes ran down Church St and turned west along the Great Western Highway (or Western Road, as it is called in the timetable.) The 177 to Prospect ran along the Highway as far as Flushcombe Road. Only a minority of the buses went that far, since there was also the route 187 north to Blacktown at that point. More buses ran to Church Lane (now Prospect Highway and Reservoir Road - the old Highway has been straightened in this area) and a few more as far as Blacktown Road, where the 210 ran north and west to Blacktown. From there to Parramatta the territory was Western Road's alone, but the fully built up area ran as far as Rawson Road and the partially developed area to Pendle Hill P.O., just west of Pendle Way.

The route 179 to South Wentworthville followed the 177 to Rawson Road, where it turned south to join Old Prospect Road, which it followed west. At times of low traffic, the 177 skipped Rawson Road and ran direct along Old Prospect Road to or from the Highway. Ettalong Road is the continuation south of Pendle Way, so this timing point corresponds closely to Pendle Hill P.O. About

BUS TIME TABLES

* * *

ROUTE 177

Parramatta Station -- Prospect Pages 2 to 5

ROUTE 179

Parramatta Station — South Wentworthville Pages 6 to 9

ROUTE 174

Parramatta Station — Wentworthville Station Pages 10 and 11

ROUTE 213

Parramatta Station — Boronia Street
Pages 12 and 13

Boronia Street — Wentworthville Station Page 14

ROUTE 11

Toongabbie — Girraween — Parramatta Pages 12 and 13

Wentworthville Station — Smith St. — Jones St. Page 14

WESTERN ROAD TRANSPORT SERVICE

1 Rawson Road WENTWORTHVILLE

Price 3d.

YA---8500

YA-8500

Above, and on pages 4 to 8: Western Road Transport Service All routes (177, 179, 174, 213 and 11). Undated timetable: current early sixties.

half the buses continued on to Greystanes Road, where many of them turned south to Merrylands Road, where the 153 provided service eastwards to

Merrylands Station. The 174 to Wentworthville Station, turned north about a kilometre earlier at Hawkesbury Road, running through the southern part of Westmead, turning west to Jordan and Bridge Streets and then to Wentworthville Station. All this area was fully built up in the sixties.

The fourth route, the 213 followed

the Highway to Old Prospect Road, which it followed to Boronia Street, just before Rawson Road. Here it turned south into an area without a southern outlet and at the edge of the fully built up area. The fifth route, the 11 entered Parramatta through Parramatta Park, and did not run to Parramatta outside shopping hours. In the park there were no customers and between Westmead and Wentworthville the routes 178 (to Toongabbie) and 174 provided more frequent service. The route 11 served the built up areas on the south west of the Rail-

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way line around Pendle Hill and Toongabbie, running into the suburb of Girraween.

The 177 requires only three buses in peak hours. Short runs within the more built up areas, such as the 7.14 from Pendle Hill P.O., the 7.57 from Bridge Road and the 8.25 from Rawson Road allow a more frequent service in this part than if all buses ran through from Prospect. In the evening there was no need for corresponding short runs. The 179 also requires three buses in peak hours, but concentrates its service on the outer end of the run. It also starts earlier, with a bus from Greystanes Road at 5.20. (This bus then leaves Parramatta at 5.49 to start the 174 service to Wentworthville.) The 179 also ends later than the other routes, with a bus at 12.05, an hour after the theatre bus at 11.00 p.m.

The 174 needs two buses in peak hours, while the 213 needs only one, and in peak hours only (including the Saturday morning

peak). In shopping hours service on the 213 is provided by diverting some of the 179 buses via Boronia Street. Two buses each on the 174 and 213 ran, in school times, beyond Argyle Street to Market Street, the terminus north of the Parramatta River for buses from the south, such as the Villawood (route 186) and the Guildford (171) runs. The 174 buses ran to and from the Wentworthville schools from Market Street, perhaps picking up students arriving or leaving on these other buses, but this won't explain the 213 runs there. There is a Catholic School close to Market Street and that must have been the destination for the riders on these buses.

The route 11 needs only one bus and in peak hours it stayed west of Pendle Hill, apart from the 6.24 a.m., which went to Bond's Factory and on to Wentworthville. In offpeak hours it ran to Parramatta, with a gap between 9.45 and 10.35. Was this a crib break, or

just leaving time for some of the passengers to do an hour's shopping? There is another break in Girraween between 12.29 and 1.40, which seems a more convenient time for the driver to have a meal. There are also a few services to Toongabbie Station and further west. All three run to 'The Meadows' and one goes all the way to Seven Hills Station. The Meadows is a Public School in Fuller Street Seven Hills and two of the times (8.40 from Toongabbie and 3.00 from the Meadows) are convenient for school services. The run after 11 o'clock would allow shoppers to return from Toongabbie after an hour and a half's shopping, or to spend two hours in Parramatta before catching the 2.15 bus back. But who caught the solitary bus to Seven Hills? Did they return via the railway, or were they school children from Seven Hills to the Meadows, who returned on the 178 (the Toongabbie service which uses the same road between The Meadows and Seven Hills Station) in the

Wentworth-	bridge & Jordon	Harkoslury A Gt. Frat	Station	Strovt	 Street Street	Parrametta Stotion	Hawkenbury # Ot. Pent	bridge e Jordon	Rentvist tit- mille
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11.55	11.58	12.04	12.12	1 -	y. 1.2	10.20	12.30	2. 36	12.39
12.25	12.23	12.34	12.42	-	-	12.50	19	1.06	1.79
12.55	12.59	1.04	1.12	-	_	1,20	2,30	L 36	1, 39
1-25	1.28	1.34	1.42	-	-	1.55	1.00	1.16	5.404
2-25	2,28	2-34	2.42	-	-	2.50	3.00	3,06	3.0%
2,55	2.5B	3. 94	3.12	Ī	-	3.20	. *0	3.30	7.19
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3.55	3.58	4-04	4-12	C	-	4.71	4.33	4 - 3?	4.20
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5.26	5.31	5.37	5.45	-	-	5.11	5.42	2-47	5.40
5.52	5.55	6.9I	6.09	_	-	6.00	6.10	6.16	6.39
6.19	6.27	6.28	6.36	_	-	6.20	6.30	6.36	6.79
7.00	7.03	7.09	7.208	-	-	6. ¢D	6.50	6.56	6.59 15.86
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8.11	E+14	E.20	8.26	-	-	8.35	8,45	9.51	e.54
8.26	8-29	6-36	8.44	-	-	8.50	9.00	9.06	9.09
8.56 9.31	8.59 9.14	9.05 9.20	9-13 9-26	-	-	9.20	9.30	9.36	9.39
9.41	9.44	9-50	9-58	-	-	9-35	9-45	5,51	9.54
9,56	9.59	10. 05	10.13	_	-	IC, 05	10.15	70.21	IC, 24
10.26	10.29	10.55	10.43	_	-	10.50	10.30	30. 36	10.79
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11.11	11.14	11.20	11.29	_	-	11.05	11.15	11.21 11.51	12.54
11.26	11,29	11.35	11.43	-	-	11.35	11.45	17.06	12.09
p. 2.	p. 2.	p c	p. m.	\$- R-		11.50	12.00		5. n.
11.56	11.59	12.05	12,13	-	p. b.	p. m. 12. 20	p. p. 12.30	12.36	12.39
12.11	12, 14	12-20	12.28	-	-	12.35	12.45	12.51	12.54
		12.39	12.47	-	-	12.50	1.00	1.06	1.09
12.56	12.59	1.05	1,178	-	<u> </u>				
1-25	1.28	1.34	1.42	-	_	1.50	2,00	2.06	2,09
2-25	2.28	2, 34	2.42	-	_	2,50	3.00	7.06	5.09
3. 25	3.28	3-34	3-42	-		3.50	4.00	4.06	4.09
4.33 5.28	4.36 5.31	4.42	4.50	-	-	5.05	5.15	5.21	5.24
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NO SERVICE	ON SUNDAYS	HULIDAYS GOOD	eriday & xm	IS DAY,	KO SERVIO	CE ON SUEDAYS	BOLTLAYS GOO	D FRIDAT &	YAN CANX
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afternoon?

One notable feature of this timetable is that passengers from the more heavily populated areas, which were served by two or more routes, had to look up all the possible timetables to see when the next bus would run. This might not be as great a problem as it seems, however. The three routes, the 177, 179 and 174 ran at clock face times in shopping hours, and on weekdays there was a bus every ten minutes, at least as far as Hawkesbury Road. For example, at 10 a.m., a 179 bus ran to Ettalong Road, returning at 10.30 via Boronia Street in time to form the 11.00 bus. At 10.10 a 177 bus ran to Church Street Prospect, again returning in an hour. At 10.20 there was a 174 bus to Wentworthville, which went from there at 10.40 to Smith St (on p14 of the timetable), returning to Parramatta at 11.12. At 10.30 there was another 179 bus, this time all the way to Merrylands Road. At 10.40 there

was a 177 bus to Blacktown Road and at 10.50 another 174 to Wentworthville, which went on from there at 11.10 to Boronia Street (also on p14 of the timetable).

On Saturdays there was a more extensive service in shopping hours. Both the 177 and the 179 operated every quarter hour, but as the additional services ran only to Rawson Road, they only needed three buses each. What was the difference between a 177 and a 179 bus to Rawson Road, apart from the gaps they filled in the respective timetables? The 174 has three buses an hour on Saturday mornings, but not on a clock face timetable. The 174 can be operated by two buses on Saturday mornings, but a third bus, presumably used in the morning peak on the 213, is needed for the buses from Wentworthville to Boronia Street and Smith Street.

On Saturday afternoons there was hourly service on the three routes,

177, 179 and 174 and on Sundays hourly service on the first two. Late evening service was provided on the two longer routes, but theatre buses were provided on all routes, both inbound to the Roxy Theatre, arriving a bit before 7.30, and outbound at 11.00. The routes 177, 179 and 174 had picture buses Mondays to Saturdays, while the two smaller routes, the 213 and the 11 had them only on Saturdays. If vou look at the 213 timetable, it only shows the outbound theatre bus, but the inbound one is to be found on the Saturday timetable for the 179, which has two buses, one from Merrylands Road via Boronia Street and a second from Rawson Road (the depot).

The next timetable (see page 9) is for the route 210 Parramatta to Blacktown and was issued by Western Road Bus Services (the name has been changed slightly) in May 1978, when timetables were issued for each route separately. The old 177 has been combined with the

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	12-400	144*	17.47*	12+55*	_			_	12.00*	17.10*	17-13-	17.17	
	1.40*	1.44*	1.47	1.55	-			_	1.00*	1.10	2-2:4	1, 177	
	2.40*	2.46*	2-47	2.55*	-			_	2.004	2.10*	2.15*	2.17*	
	3-30*	3-35*	5.30 €	3.44*	-			3.40	3.47	3.57	4.00	4.73	
	4.0	4.09	4.32	4-20						•	-		
	4.43	4.46	4.49	4.57	_			-	4.25	4-35	4.39	5.42	
	5-16	5+21	5.24	3-32	-			-	5-QI	5.11	5.14	0.17	
	5.53	5.56	5.59	6.07	-			_	5.36	5. 46	5.49	5/52	
	6-26	6.31	6+34	6.42	-			_	6.31	6.21		花符	
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	10.40	12.44"	9.47*	9	-			-	-	-		-	
			70-47*	10. ***	-			-	70.60*	10. 10*	10-15*	72, 11, 5	
	p. E. 11.40*	p. T. 15.44*	11,47*	p. n. 11.55*	p. p.			-	11.00*	11.10*		11.17	
	12.401	30.44*	12,47*		-			p. rea	P. D.	p.m.	p. x.	P- =-	
	7.01*	7.05*	7.0E*	12.55* 7.16*	-			-	12.00*	1 2. 10		17, 17*	
	7+47	7.07	1.00/-	1.20-				-	1.00* R11.00*	1.10*	1.13*	1.17*	
		ON SUNTLAYS : COURTSeye so :						NO SERVIC	n sumbays	награжда 300	D FRIDAY & YX	era diva	
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Seven Sila	* denotes . BlE — GIRR. The Meadows	AWEEN - P Toongabbie Station	ARRAMAT Tergo & Gransi Ad	TA Pundle HS Station	ROU ROU Bl W'Valis : Arrive	Stn Parrimita	Furrametta	* demotes	JOURTHEYS SO RRAWEEN — in Pendle Hij	TOONGABBI	percised by 17	ROUTE	Ceven
Seven	* denotes . BlE — GIRR.	AWEEN - P Toongabbie Station	ARRAMAT Tergo & Gramai Ad	TA Pundle His Station	179 buses ROL 31 W'V1138	Stn Parrimita	Furremuita Depart	* demotes TTA — GII V'Ville S Depart	RRAWEEN — tn Pendle Hill Station	TOONGABBI	remarked by 17	ROUTE The Yendown	Seven H\$11s
Seven Sila	BIE — GIRR. The Meadows B+C	AWEEN - P Toongabbie Station	ARRAMAT Targo & Granai Rd: 173 to FRID 6.09a	TA Pundle HS s Station 478 5.21	ROU BI WYNIE : AFFIVE 2. 3.	Stn Parrimita	Furrametta	* demotes TTA — GII *Ville 3 Depart a. E.	RRAWEEN — tn Pendle Hill Station a. 2.	TOONGABBI 11 Targo & Oranei Rds SCHMYS to PE	Fernied by 17 Footgablide Station	ROUTE The Tendows	Seven H\$11s A. T.
Seven Sila	BIE — GIRR. The Meadows B+C	AWEEN - P Toongabbie Station	ARRAMAT Targo & Oranai Ed. 173 to YKID 6.09a 6.24a	Pondle HS Pondle HS Station 5.21 3.364	ROU ROU Bl W'Valis : Arrive	Stn Parrimita Arrive	Furremuita Depart	* denotes TTA — GII **Ville S bepart a. a.	RRAWEEN — tn Pendle Hill Station a. 2. 6.21c	TOONGABBI 11 Targo A Oranei Rds 5000015 to FE 6.24	remained by 17 [E Toomgablide Stritton Thay's	ROUTE The Yendows	Seven H£11s a.t.
Seven Sila	BIE — GIRR. The Meadows	AWEEN - P Toongabbie Station	ARRAMAT Tergo & Gramai Ed. (1946) 6.094 6.044 7.254	TA Pondle HS Station AVS 5.21 364 7-37	ROU B1 WYNLES: AUTIVE 2.3.	Stn Parrimita	Furremuita Depart	* demotes TTA — GII *Ville 3 Depart a. E.	RRAWEEN In Pentle Hil Station a. 2. 6.21c	TOONGABBI 11 Targo A Orangi Rda SOMMYS to FE! 6-24 7-24	rereted by 17 IE Toongabile Station Thay's	ROUTE The Tendows	Seven Highlis A. t.
Seven Sila	BIE — GIRR. The Meadows	AWEEN - P Toongabbie Station	ARRAMAT Tergo & Gramei Rd: 178 to YKID 6.09a 6.04a 7.25a 7.45b	TA Pondle HS Station AYS 6.21 3.36 7.37 7.57	ROU BI WIVELES : AUTIVE 8. 0. - 0.48	Stn Parrientta Afrive	Furremuita Depart	* demotes TTA — GII B'Ville S Depart a. 2 6.48	RRAWEEN — tn Pentle Hil Station a. 2. b. 21c 7.37c	TOONGABBI 11 Targo & Ornari Rda COMMYS to FE! 6.24 7.24 7.42	remarked by 17 IE Toongabile Station Thay's	ROUTE The Yendows	Cevan H\$11s A. to
Seven Sills A+D	denotes BIE — GIRR. The Meadows B. E.	AWEEN - P Toongabbie Station	ARRAMAT Tergo & Gramai Ed. (1946) 6.094 6.044 7.254	TA Pondle HS Station AVS 5.21 364 7-37	ROU B1 WYNLES: AUTIVE 2.3.	Stn Parrimita Arrive	Furremuita Depart	* denotes TTA — GII **Ville S bepart a. a.	RRAWEEN In Pentle Hil Station a. 2. 6.21c	TOONGABBI 11 Targo A Orangi Rda SOMMYS to FE! 6-24 7-24	remarked by 17 Toongabile Station Thay's R.40	ROUTE The Yendown A. W.	Seven Hills A. T.
Seven Sills A+D	* denotes . **BIE — GIRR. The Meadows B. E.	AWEEN - P Toongabbie Station c. b. MUND	ARRAMAT Targo & Gramai Rd: 6.09a 6.24a 7.25a 7.45b 91.5b	TA Pundle HS Station XYS 5.21 2.36- 7-37 7-57 9.27 11.34	ROU B1 W'Valls : ATTIVE 4.3. - 0.48 - 0.15 9.35 11.38	Stn Farrumita Arrive 0-00 - 9.45 11.48	Furrematta Depart a. n.	* denotes TFA — GII BYVIIIe 3 Depart a. 2 6.46 7.17 JG.45	In Pendie Hill Station a. a. 5 6.21c 7.37c 5.25b 10.54b	TOONGABBI 11 Targo A Ormani Rda 0000043 to Fe 6.24 7.24 7.42 8.37 21.04	remained by 17 Toongablide Station Thay's	P brisch ROUTE The Yendows A-Th- - - - - - - - - - - - - -	Seven Hills A. T. - 5-92
Seven Sils A-m.	* denotes . BlE — GJRR. The Meadows 8+8	AWEEN - P Toongabble q. b. MUND	MARRAMAY Targo & Grama1 Rd: MYS to YRID 6.09a 6.74a 7.25a 7.45b 9.15b	TA Pondle HS Station 6:21 3:36 7-37 7-57 9:27	ROU BI WYNIFE : AUTIVE 4.3. 	Stn Farrumita Arrivo 8-2- - - 9-45	Furremutta Depart	* denotes TTA — GII **Ville S Depart a. 2 6.46 c.17 Jd.45 12.10	RRAWEEN — th Pendle Hil Station a. a. b. 21c 7.37c 8.25b	TOONGABBI 11 Targo To Fr. 6.24 7.24 7.42 8.37 11.04 12.29	remained by 17 E Toongabile Station Thay'S	ROUTE The Yendows As TE	9even 11512e 0. to - - 5-52
Seven Sils A-m.	* denotes . BlE — GiRR. The Neadows B. B. 9.67 11.13 p. B.	AWEEN - P Toongabbie Station The MUNIC 9.10 11.19	MARRAMAT Targo & Oramai Rd 473 to FRID 6.09a 6.24a 7.45b 9.15b 11.23b p.m.	Pendie HS Station A'S 5.21 3.36 7.37 7.57 9.27 11.34 p.m.	ROU 31 WYN118: AFTIVE 4. 0- 0.48 - 0.15 9.35 11.35 p.m.	Stn Parrimotta Arrive 8.22 - 9.45 11.48 p.42	Furramatha Denot t a. m. - - - - - - - - - - - - - - - - - - -	* denotes TFA — GII BYVIIIe 3 Depart a. 2 6.46 7.17 JG.45	FRAWEEN In Pentle Hill Station a. 2. b. 21e 7. 37c b. 25b IG. 54b 12. 19b	TOONGABBI 11 Targo A Ormani Rda 0000043 to Fe 6.24 7.24 7.42 8.37 21.04	Fernied by 17 Toorgabilite Toorgabilite Station That's H. 40 11-07	P brises ROUTE The Yendown 6-11-11	Seven Hills A. T. - 5-92
Seven Sils A-m.	* denotes . BlE — GJRR. The Meadows 8+8	AWEEN - P Toongabble q. b. MUND	ARRAMAT Tergo & Cramei Rd YS to FKID 6.09a 6.74a 7.45b 9.15b 11.23b p.w. 1.40b	TA Pundle HS s Station AVS 5.21 3.36-7-37 7-57 9.27 11.34 p.m. 1.52	ROL 31 W'Valls 4.3	Stn Parried ta Arrive 9.25 9.45 11.48 p. 4.2.10	Furramatta Denart a. E. 10.75 12.00 p.m.	# denotes TTA — Gil #Ville S Depart 6.46 1.17 Jd.45 12.10 p.m.	### JOURTHY # 10 PRINTED ## 11 PRINTED ## 12	TOONGABBI 11 Targo A Ormani Rda 8000018 to FE 6.24 7.42 8.57 11.04 12.29 p.m.	remained by 17 E Toongabile Station Thay'S	ROUTE The Yendows As TE	9evan 1812s 2. to 5.52 5.52
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Seven Sils A-m.	# denotes . BIE — GIRR. The Needows B. B	AWEEN - F Toongabbie 3tation n.m. NUND - 9.10 11.19 p.m. 3.06	ARRAMAT Targo & Gramai Rd 173 to FRIM 6.09a 6.04a 7.45b 9.15b 11.23b p. w. 1.40b 1.20 4.32b 4.92a 6.02	TA Pendle HS Station 55, 21 37, 37 7, 57 9, 27 11, 34 p.m. 1, 52 3, 52 4, 33 4, 57 5, 17	ROL 31 W'Valls 4.3	Stn Parried ta Arrive 9.25 9.45 11.48 p. 4.2.10	Furramatha Denot t a. m. - - - - - - - - - - - - - - - - - - -	# denotes ITA — GII #Ville 3 Depart 6.46 6.46 7.17 JG.45 12.10 p.m. 2.25	Journeys so RRAWEEN — the Period Hill Statison a. 2. 6. 21c — 7. 37c 8. 25b 10. 54b 12. 19b p.m. 2. 35b 4. 20b	TOONGABBI Targe & Orane L Rds Offmils to FE 6. 24 7. 42 8. 37 11. 04 12. 29 p. m. 2. 47 4. 52	remaind by 17 Toongabile Station That's N. 40 11-07 2.51	P brists ROUTE The Prendown As the	Seven \$128
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Seven Sils A-m.	# denotes . ### GIRR. The Xeadows ### B. B.	AWEEN - P Toongabbie Station c.b. SUND 9-10 11-19 p.m. 3-06	MRRAMAY Targo & Oramai Rd. 173 to FMIN 6.09a 6.24a 7.25a 7.45b 91.5b 11.23b 11.40b 1.70 4.32b 4.52a 5.32a 5.32a 5.52a	TA Pundle HS Station 5.21 2.36 7.37 7.57 9.27 11.36 p.m. 1.52 3.30 4.57 5.17 5.17 5.17	ROUBLE RO	Str Parrumotta Artice 8-m 9-45 11-68 p-m 2-10	Furremaisa Depart a. m. - - - - - - - - - - - - - - - - - - -	# denotes ITA — GII #Ville 3 Depart 6.46 6.46 7.17 JG.45 12.10 p.m. 2.25	JOURNEYS 80 RRAWEEN th Pentle Hill Station a.a. 6.21e 7.37c 5.25b 10.54b 12.19b p.m. 2.35b 4.20b 4.40b 5.00a 5.20a 5.40a	Trans & Commercial Res (Commercial Res (Commer	remarké by 17 Toongabilie Station That's R. 40 11.07 2.51	ROUTE The Necdows A. H	Seven \$128
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0-52	# denotes. BlE — GIRR. The Meadows B-E	AWEEN - F Tongabbie Station - n. NOND - 1,19 p.m. 3.06	ARRAMAT Targo & Oranai Nd 178 to Frill 6.09a 6.29a 7.45b 9.15b 11.27b 9.15b 11.27b 9.15c 1.40b 5.70 4.52b 6.52b 6.57b	TA Ponda w HS Station 5.21 3.34 7.57 7.57 11.34 3.34 4.53 4.53 5.17 5.17 6.32	ROL 31 T'Vall's : Arrive &	Sty Parrimotta Artice 8-m 9-45 11.48 p. m 2.10 1-50	Farragaits Depart a. W. 10.75 12.00 p.m. 2.15 4.00	# denotes ITA — GII #Ville 3 Depart 6.46 6.46 7.17 JG.45 12.10 p.m. 2.25	JOURNEYS 80 RRAWEEN th Pentle Hill Station a.a. 6.21e 7.37c 5.25b 10.54b 12.19b p.m. 2.35b 4.20b 4.40b 5.00a 5.20a 5.40a	Trans & Commercial Res (Commercial Res (Commer	Fernited by 17 Formandia Stration That's N. 40 11.07	ROUTE The Yendows 6: We	Seven Hairs A. t. S-52
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0-52	# denotes BIE — GIRR. The Meadows B-E. 9.62 11.13 p.E. 3.40	Ourneys so AWEEN - F Toongabble Station G. C. SUND - F Toongabble	MARRAMAT Targo & Oranai Nd 178 to Fith 6.094 6.244 7.25a 7.45b 9.15b 11.27b 9.15b 11.27b 6.74 6.502 6.27a 1.40b 6.502 6.27a 6.27a 6.27a 6.27a 6.27a 6.27a 6.27a 6.27a	TA Pundle HS Station Station NS 5.21 96-7-37 7-57 9-27 11-54 P. R. 13-52 14-52 14-52 14-53 15-57 6-32 6-32	ROL 31 WYALIS :	Sty Parrumpita Arrive 8-m- 9-45 11-68 p-m- 2-10 7-50	Farragaita Denatt a. 8. 10.75 12.00 p.m. 2.15 4.00	# denotes ITA — GII #Ville 3 Depart 6.46 6.46 7.17 JG.45 12.10 p.m. 2.25	JOURTHYS 80 RRAWEEN In Pendle Hil Station a. 2. 5. 21c 6. 21c 7. 37c 10. 54b 12. 19b 12. 19b 14. 40a 5. 20a 5. 20a 5. 40a 6. 15a	TOONGABBII 11 Targo & Orane I, Rds 607M15 to FE 6.24 7.42 8.37 11.04 12.29 9.55 4.52 4.52 5.52 6.27	Foorgablie Coorgablie Station DAYS	ROUTE The Yendows 6: We	Seven H\$125 A. U. S. 52 P. T.
0-52	# denotes . BIE — GIRR. The Mendows B. E 9.07 il.13 p. E 3.00	Courseys so AWEEN — F Toongable Station n.c. SUMD 9.10 11.19 p.c. 3.06	MARRAMAT Newson & MARRAMAT NEW	TA Possible HS Possible HS Station Station 178 5:21 1:34 1:52 1:52 3:52 4:57 5:17	ROL 31 FYALF : 	Str Parrumotta Arrive 8-2 9-45 11.48 p-4-2-10 1-50 1-50 10.00	Personal to Penert a. 8	# demotes TTA — GII FVille 3 Expert 6.46 6.17 JG.45 12.10 12.10 2.25 4.10 8.8.	JOURTHYS SO RRAWEEN THE PERTITE HID Station 6. 21c 6. 25b 10.54b 12.19b p.n. 2. 37b 4. 27b 4. 40b 5. 600 5. 40c 6. 40c	TOONGABBI 11 Targo A Ornard Res 6.24 7.42 8.37 11.04 12.29 p.m. 4.52 4.52 5.12 5.52 6.21 5.52 6.27	Foorgablie Coorgablie Station DAYS	ROUTE The Tree Yendows No. 245 11.11. P. Fa	Seven HSIRe A. To S-52
Seven dila a.a. 	# denotes ### GIRR. The Meadows # ### 9.67 11.15 p. ### 3.60	GUIDMYN SO AWEEN - F TOORGADDIG STRILLON - F TO SUNDING STRILON - F TO SUNDING STRILLON - F TO SUNDING STRILLON - F TO SUNDING	MRRAMAT Furgo & Granus & Markan & Granus & Granu	TA Pundle HS Pun	ROL 31 WYALIS :	Str Parrumotta Arrive 8-20 9-45 11.48 9-42 2.10 1.50	Farragaits Densit a. 8 10.75 12.00 p.m. 2.15 4.00	### denotes ###################################	JOURNEYS 80 RRAWEEN The Pendie Hill Statison a. 2. 6. 21c 7. 37c 6. 22c 7. 37c 10. 54b 12. 19b p. m. 2. 35b 4. 40a 5. 40a 6. 13a 6. 40a 2. m. 10. 23b	TOONGABBI 11 Targo A Torget A Rea COMMIS To FEE 6.24 7.42 8.37 11.04 12.29 10.29 10.29 10.35 5.52 6.52 SATUPLIAYS 10.35	Fernited by 17 Footgabile Station Sta	ROUTE The Yendown A- The Yendown 11.11 P. Fa	Seven HSIAs A. W.
0-52	# denotes . BIE — GJRR. The Meadows B. E. — 9.67 11.13 p. m. 3.60 - — - — - — - — - — - — - — -	Ourneys so AWEEN - F Toongabble Station G. C. SUND - F Toongabble	MARRAMAT Neuro & Communit And Community	TA Pondle HS Pondle HS Station 5.21 3.34 7.37 7.57 9.27 11.34 p.m. 1.52 3.32 4.57 5.27 6.32 a.m. 8.32 a.m. 8.32 a.m. 8.32 a.m. 9.42 a.m. 9.42 a.m.	ROL ROL ROL ATTIVE	Str Parrumotta Arrive 8-2-2-3-11.48 p-2-10-3-50 	Personal to Penart a. B	# denotes TTA — GII FVAlle 3 Fepart 3 6.46 6.47 7.17 10.45 12.10 P.5. 4.10 8.8. 10.15 11.15	JOURTHYS SO RRAWEEN THE PERMIT HIS STATES OF THE STATES 6. 21c 6. 27c 6. 40c	TOONGABBI 11 Targo A Ornest 1 Rds 6, 24 7, 42 8, 37 11, 04 12, 29 1, 29 2, 20 2, 20	Fronted by 17 Fronted by 17 That's N. 40 11.07 2.51	ROUTE The The Yendows A-Be	Seven HSIRe A. To S-52
Seven dila a.a. 	# denotes ### GIRR. The Meadows # ### 9.67 11.15 p. ### 3.60	Ourneys so AWEEN	MRRAMAT Turne & Grand	TA Pundle HS Station Station 5.21	ROL 31 WYALFS :	Sty Parrimotta Artice 8-m- 9-45 11-68 p-m- 2-10 7-50 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1-	Farragaits Depart a. 8. 10.75 12.00 p. m. 2.15 4.00	# denotes #YVIIIe 3 Propri 6.46	JOURNEYS SO RRAWEEN THE PENTIS HIS STATSON S	TOONGABBI 11 Targo A. Orase I. Rea Orase I. Rea Orase I. Rea Orase I. Rea Orase I. Rea Orase I. Rea Orase I. Rea 10.24 7.44 10.29 P. M. 4.52 4.52 5.12 5.32 5.26 6.52 SATURLIAYS 10.35 10.35 11.35 p. m.	Fernited by 17 Footgablide Tootgablide That's N. 40 11-07 2. 51	ROUTE The Personnel for the Pe	Seven HSIAs A. W.
Seven dila a.a. 	# denotes . BIE — GJRR. The Meadows B. E. — 9.67 11.13 p. m. 3.60 - — - — - — - — - — - — - — -	GUIDMYN SO AWEEN - F TOORGADDIG STRILLON - F TO SUNDING STRILON - F TO SUNDING STRILLON - F TO SUNDING STRILLON - F TO SUNDING	MARRAMAT Neuro & Communit And Community	TA Pondle HS Pondle HS Station 5.21 3.34 7.37 7.57 9.27 11.34 p.m. 1.52 3.32 4.57 5.27 6.32 a.m. 8.32 a.m. 8.32 a.m. 8.32 a.m. 9.42 a.m. 9.42 a.m.	ROL ROL ROL ATTIVE	Str Parrumotta Arrive 8-2-2-3-11.48 p-2-10-3-50 	Part amplia Depart a. B. 10. 75 17. 00 p. B. 2.15 4. 00 10. 05 11. 05 p. B. 12. 05	# denotes # Valle 5 # Valle 5 - 46 - 6.46 - 17, 10 - 10 - 12, 10 - 2.25 - 4.10 - 8. 8. 8. 8. 10, 15 11, 15 - 12, 15	JOURTHYS SO RRAWEEN THE PERTITE HILL STATES OF THE STATE	TOONGABBI 11 Targo A Orner 1 Rds 6.24 7.42 8.37 11.04 12.29 p. a. 4.52 5.52 6.21 5.52 6.27 6.27 10.35 11.35 8.37 11.35 8.37 11.35 8.37 11.35 8.37 11.35 8.37 11.35 8.37 11.35 8.37 11.35 8.37 11.35 8.37 11.35 8.37 11.35 8.37 8.37 8.37 8.37 8.37 8.37 8.37 8.37	Fronted by 17 Fronted by 17 That's	ROUTE The The Yendows A-Be	Seven 1813a A. Tu - - - - - - - - - - - - - - - - - - -
Seven dila a.a. 	# denotes ### GIRR. The Meadows # ### 9.07 11.15 p. ### 5.00 24.88 b. 10 9.20 p. 20	Ourneys so AWEEN - F Toongabble Station - Stat	MRRAMAT Furgo & CAMPAN AND AND AND AND AND AND AND AND AND A	TA Pundle HS Station Station NS 11. 34 Page 11. 34 Page 12. 34 Page 13. 35 15. 17 15. 17 16. 32 a.b. a.b. 17 5. 37 6. 32 a.b. a.b. 19 10. 40 p.c. 10. 40 p.c. 10. 40 p.c. 10. 50	ROL D1 WYALFS : 4. 3. 4.	Sty Parrimotta Artice 8-m- 9-45 11-68 p-m- 2-10 7-50 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1-	Farragaits Depart a. 8. 10.75 12.00 p. m. 2.15 4.00	# denotes #Yalle 3 #Yalle 3 6.46 -0.17 JG.45 12.10 a.m. 10.15 12.15 12.15 12.15 12.15	JOURNEYS SO RRAWEEN THE PRINTS HIS A. 2. 6. 22c 7. 37c 8. 22c 7. 37c 8. 22c 10. 54b 10. 54b 12. 19b p. m. 2. 35b 4. 40a 5. 40a 6. 15a 6. 40a 2. m. 10. 23b 11. 23b p. a. 12. 25b 11. 27	TOONGABBI 11 Targo A. Orase I. Rea Orase I. Rea Orase I. Rea Orase I. Rea Orase I. Rea Orase I. Rea Orase I. Rea 10.24 7.24 8.37 11.04 12.29 12.47 4.52 4.52 5.12 5.12 5.12 5.52 6.52 SATUPLIAYS 10.35 11.35 p.m. 12.37 11.37	Fernited by 17 Footgablide Coorgabilde That's 8.40 11-07 2.51	ROUTE The Yendows A. Million C. 45 11.11 P. 60 C. 45 11.11 P. 60 C. 60 C	Seven HSIAs A. W.
Seven	# denotes . BIE — GIRR. The Meadows	OUTDAYS SO SUMDAYS H	MRRAMAT Pares & Comment And Andrews & Comment And Andrews & Comment & Commen	TA Pondle HS Pondle HS Station 175 5.21 1.34 1.57 5.27 1.54 1.52 3.32 4.57 5.17 6.32 2.8 8.72 8.72 8.72 10.40 D ERIMY A X	ROL N FYALLS 1. ATTIVE 6. 3. - 0.48 - 0.48 - 0.15 9.35 11.38 p. b. - 0. -	Str Parrumotta Arrive B. D. S.	Part amplia Depart a. B. 10. 75 17. 00 p. B. 2.15 4. 00 10. 05 11. 05 p. B. 12. 05	# denotes #Yalle 3 #Yalle 3 6.46 -0.17 JG.45 12.10 a.m. 10.15 12.15 12.15 12.15 12.15	JOURNEYS SO RRAWEEN THE PRINTS HIS A. 2. 6. 22c 7. 37c 8. 22c 7. 37c 8. 22c 10. 54b 10. 54b 12. 19b p. m. 2. 35b 4. 40a 5. 40a 6. 15a 6. 40a 2. m. 10. 23b 11. 23b p. a. 12. 25b 11. 27	TOONGABBI 11 Targo A. Orase I. Rea Orase I. Rea Orase I. Rea Orase I. Rea Orase I. Rea Orase I. Rea Orase I. Rea 10.24 7.24 8.37 11.04 12.29 12.47 4.52 4.52 5.12 5.12 5.12 5.52 6.52 SATUPLIAYS 10.35 11.35 p.m. 12.37 11.37	Fernited by 17 Footgablide Coorgabilde That's 8.40 11-07 2.51	ROUTE The Yendows A. Marian C. 45 11.11 P. 60 C. 45 11.11	Seven HSIAs A. W.
Seven	# denotes . ### GIRR The Meadows #### B. ### 9.67 11.15 p. ### 9.67 11.15 p. ### 9.67 11.15 P. ### NO SERVICE will run yim ###################################	OUTDAY SO AWEEN SO SUNDAYS FOR	MRRAMAT Targe & Gramat &	TA Pundle HS Station Station NS 5.21	ROLUST WILLS CONTROL OF CONTROL O	Str Parrumotta Arrive 	Farragaits Depart a. 8. 10.35 12.00 p.m. 2.15 4.00 10.05 p.m. 12.05 p.m. 12.05 p.m.	# denotes #Yalle 3 #Yalle 3 6.46 -0.17 JG.45 12.10 a.m. 10.15 12.15 12.15 12.15 12.15	JOURNEYS SO RRAWEEN THE PRINTS HIS A. 2. 6. 22c 7. 37c 8. 22c 7. 37c 8. 22c 10. 54b 10. 54b 12. 19b p. m. 2. 35b 4. 40a 5. 40a 6. 15a 6. 40a 2. m. 10. 23b 11. 23b p. a. 12. 25b 11. 27	TOONGABBI 11 Targo A. Orase I. Rea Orase I. Rea Orase I. Rea Orase I. Rea Orase I. Rea Orase I. Rea Orase I. Rea 10.24 7.24 8.37 11.04 12.29 12.47 4.52 4.52 5.12 5.12 5.12 5.52 6.52 SATUPLIAYS 10.35 11.35 p.m. 12.37 11.37	Fernited by 17 Footgablide Coorgabilde That's 8.40 11-07 2.51	ROUTE The Yendows A. Marian C. 45 11.11 P. 60 C. 45 11.11	Seven HSIAs A. W.
Seven	# denotes . BIE — GIRR. The Meadows	OUTDAY SO AWEEN SO SUNDAYS FOR	MRRAMAT Targe & Gramat &	TA Pondle HS Pondle HS Station 175 5.21 1.34 1.57 5.27 1.54 1.52 3.32 4.57 5.17 6.32 2.8 8.72 8.72 8.72 10.40 D ERIMY A X	ROLUST WILLS CONTROL OF CONTROL O	Str Parrumotta Arrive 	Farragaits Depart a. 8. 10.35 12.00 p.m. 2.15 4.00 10.05 p.m. 12.05 p.m. 12.05 p.m.	# denotes # Valle 5 # Popul 5 6.46 6.46 6.17 10.45 12.10 p.m. 2.25 4.10 8.26 10.15 11.15 p.m. 10.15 11.15 p.m. 80 SENTICE # Valle 10 March 10 Marc	JOURNEYS SO RRAWEEN THE PRINTS HIS A. 2. 6. 22c 7. 37c 8. 22c 7. 37c 8. 22c 10. 54b 10. 54b 12. 19b p. m. 2. 35b 4. 40a 5. 40a 6. 15a 6. 40a 2. m. 10. 23b 11. 23b p. a. 12. 25b 11. 27	TOONGABBI 11 Targe A Orner 1 Rds 6-24 7-42 8-37 11-04 12-29 p.m. 2-47 4-52 4-52 5-12 5-52 6-27 6-21 10-35 11-35 p.m.	Fernited by 17 Footgablide Coorgabilde That's 8.40 11-07 2.51	ROUTE The Pendown As as	Seven HSIAs A. W.

Fentworth	Doert	Jones	Pendle Hil	l Jones	Emerit	heatworth.
-ville	3. Smilth	Starest	Station	Street	& Smith	77.1.16
Station	Streets		Arr a Dep		Streets	Smution
2. ft	as the	g. nu MC	OMDAYS to FRIL	uays	g. Fe	a. Wu
9.40	9-44	9.46	nor.	9.47	9,49	9+53
10.40	10.44	10.46		10.47	20,43	30, 55
11,00	11.44	11.46	•••	11.47	1349	12.53
p. m.	р. П.	D . Ile	De Illa	jie lius	y. De	p. m.
12.40	12.44	12.46	*-	12.47	3.2r 49	12.53
1.40	1., 44	2.46	~	1.47	1.49	1.53
2.40	2.44	2,46	••	2. 47	2,49	2. 53
ti e III.o	e. Mo	8 - 10	SATURDAYS	Sie Nie	a. n.	a.n.
9.00	9. 04	9.06	9.12	9.17	9.19	9.23
9.40	9-44	9.46	9.52	9-57	9.59	10.03
10.20	10.24	10.26	10. 32	10.37	10.39	10.43
11.00	1.1. 04	11.06	11.12	11.17	11.19	11.23
11.40	11.44	11.46	11.52	11.57	11.59	12.03
D = Mc	D. Me	D: De	p. m.	De Ille	D. 10.	p.m.
12.20	12-24	1.2, 26	i2.31		#T	**

NO SERVICE ON SUNDAYS HOLIDAYS GOOD FRIDAY AND XWAS DAY

 Wentworth-	Western Rd	Boronia St	Western Rd	Wentworth-
ville	& Station	St and	& Station	ville
Station	Street	Wiralee Ave	Street	Station
2 - M.	a.m. 1017	DAYS to FRIDA	YS	C. M.
***	•••	9.30	9 04	9. 38
10.10	10.13	10.17	10.21	10.25
11.10	11.13	11.17	11.21	11.25
p. m.	р. п.	p. n.	Pe IIIe	p. m.
12.10	1.2.13	1.2.17	12.21	12.25
1.10	1.13	1.17	1.21	1. 25
2.10	2.13	2.17	2.21	2. 25
management of the same of the				menter de hittigeren en en el de hannitageren per bereigninge de la roman hande et en
a.m.	a.m.	SATURDAYS	a. m.	A c De
8.44	8.47	8.51	8.55	8.59
9-24	9.27	9.31	9-35	9+39
IO. 04	10.07	10.11	10.15	10.19
IO.44	10.47	10.51	10.55	10.59
11.24	11.27	11.31	11.35	11.39
p. m.	p.m.	p.m.	p.m.	p.m.
12.04	12.07	12.11	12.15	12.19

NO SERVICE ON SUNDAYS HOLIDAYS GOOD FRIDAY & XMAS DAY.

210, keeping the latter number, to run into Blacktown and service along the Great Western Highway west of Blacktown Road has ceased. Service starts earlier headed towards Blacktown, with a bus at 5.10 a.m. from Pendle Way to Blacktown. Five buses are required to run the morning peak. When we allow for the service to Blacktown and the 7.05 from Old Prospect and Ettalong (On the 179), this does not mean an increase in actual service provided on the old route 177. There is still half hourly service along the Great Western Highway between the peaks but this is supplemented by a bus every hour-and-a-half along the route 179 and then to Blacktown over the original 210. Evening service stops after 7.30, except on Late Night Shopping days, when it goes until around 9.30. Theatre buses are now a thing of the past. Saturday service has been reduced, although there are three buses in the hour

from Parramatta after 7 a.m., 8, 11 and 12 noon, but only one after 10. This is slightly more than on weekdays on the main stem. There are a few buses from Old Prospect Road to Blacktown, but rather more back. It seems that passengers are going to Blacktown more than to Parramatta for shopping. But on Saturday afternoons the service runs only between Parr1amatta and Prospect. There is no service on Sundays or Holidays.

The next timetable, issued March 1983, (see the centre spread on pp 10-11) shows Sunday service restored and the route renumbered in the then new Sydney-wide system. The 210 has become the 700 and the 179 the 702. Buses from Old Prospect Road still run to Blacktown and are marked A on the timetable. Their route is shown on the map and they have increased to one every hour on Weekday offpeak times. But there isn't a timing

point given for them along Old Prospect Road in the 700 timetable. The base 700 service continues at half-hourly in the off-peak, and has been extended in the evenings on Normal Week Nights as well as Late Shopping Nights. The same base service is run on the 700 on Saturday mornings, with more regular service on the 702 than in the May 1978 timetable. Western Road sold out about the time their depot was resumed for the Western Freeway. Their northern routes were sold to Westbus (who already operated between Blacktown and Parramatta via Toongabbie on the old route 178) and their southern routes to Baxter's, who combined the 702 with services to Merrylands. Consequently route 702 buses no longer run to Blacktown, and they are not included in the 700 timetable.

My last timetable for this route is the Westbus timetable of 20 March 2000 (see page 12-13). It is in a read-down format, instead of the read across used in the earlier timetables. The early start towards Blacktown (at 5.08 from Prospect) is now matched with a similar one to Parramatta (at 5.08 from Blacktown). Off-peak service is reduced to hourly on both Weekdays and Saturdays, but it extends to Home Base shops, north of the Great Western Highway, restoring bus service into some of the area west of Blacktown Road and the Highway which Western Road had abandoned when it took over route 210.

Looking at the map, we can see some changes from the 1983 service. The route to Home Base is one and the disappearance of the diversion via Leabon's Lane and Fowler St near Blacktown is another. Between May's Hill and Pendle Hill South, the route 700 has been diverted north of the Highway, since the Freeway runs close to the southern side of the Highway, passengers must come mostly from the north side. At Bridge Road the bus turns to run along Essington St and then along Smith Street (the route of the service shown on p14 of the 1960's timetable), finally rejoining the Highway at Pendle Way.

Sunday service has been increased from six in the March 1983 timetable to eleven buses in March 2000 and there is even a limited service of four buses on Christmas Day. The catchment area of the 177, which eventually became the 700, has increased by the addition of the original route 210. It has also in-

			ROUTE 210				PONDAY TO	D FRINY			ROUTE 210				
PARRAMATTA		Alt HICK	∰Y & STH. ÆNT	3JJJVKTRO _N T			BLAC	k TO #F		VIA HICH-	#Y & STH. WEN	T-CATHYFILE			PARRIER 114
FARRAMETTA STATION	A HAMKES	PENDLE MAY	O, PROSPECT & ETTALONS	Bitown Ro 5 Hiway	B ¹ TONN & Kamudalik	MALEPARK 8 Grams	STATION 81 ACKTOHN	BLACKTONY STATION	MALLPARK 6 ÚRAKA	BITOWN &		δ, Paqsacci & Γγιμίονο	PENGLE WAY	d. Hawker 8 Hawker	Рафизмятти \$167+00
	==	5.10 5.37 6.05		5.15 5.42 6.10	5.19 5.46 6.14	5.25 5.51	5.27 5.55 6.20	5.82 6.00 6.24		5.36 6.05 6.28	5.43 6.70 6.52		5,45 6,13 6,26	5,52 6,20 6,42	6.00 6.30 6.50 7.00
6.82 6.32 50 7.30 7.30	6.07 6.50 6.56 7.10 7.30 7.38	6.12 6.45 7.05 7.35	7,05 7,20 7,46	6.50 9.14 7.10 7.10 7.50 7.56	6.22 6.55 7.19 7.15 7.95 7.50 8.01	6.27 7.00 7.20 7.55	6.52 7.05 7.25 7.40 8.00 8.10	6.%C 7.05 7.25 7.35 7.50 8.10 0.15	7.10 7.29 7.40 7.55 8.15	6.30 7.15 7.34 7.45 8.60 8.20 8.25	61.55 71.35 71.35 81.25 81.35		2, 44 2, 00 7, 25 7, 44 7, 55 9, 11 8, 95	6.51 7.05 7.50 7.50 8.00 8.20 8.20	7,15 7,40 8,00 8,10 8,10 8,49 8,50
7. NO 8. DO 6. 20 8. NO 9. DO 9. NO 10. 10	7.50 8.07 8.30 8.55 9.10 9.50 10.20	7,57 8,35 9,00 9,25 10,25	9.15 9.18	7,567 8,07 8,70 8,40 9,05 9,25 9,30 10,30	8, 12 8, 35 8, 45 9, 10 9, 35 10, 35 10, 35	8.17 8.50 9.15 9.40 10.10	8, 95 8, 55 9, 20 9, 90 9, 95 10, 15	8.50 9.65 9.30 9.45 9.45 10.55	9.54 9.10 9.35 9.55 10.25	9.00 9.19 9.40 9.55 10.00 10.90	9,05 9,20 9,35 10,05 10,15 10,15 11,10	10,07	9,16 9,25 9,56 10,10 10,46	9,17 9,30 9,55 10,15 10,15 10,15	0, 25 9, 40 10, 05 10, 75 10, 25 10, 54
10,36 10,46 11,16 11,46 12,60 12,10 12,10	16,40 10,50 11,20 11,50 12,10 12,20 12,50	10.55 11.25 11.55 12.25 12.55	12.18	10.55 11.00 11.30 12.60 12.25 12.30	11, GC 11, 05 11, 35 12, C5 12, 36 12, 35 1, 35	11.40 11.40 12.10 12.40 1.10	11.05 11.15 11.15 12.15 12.15 12.45	11, 15 11, 25 11, 55 12, 25 12, 45 12, 55 12, 55	11.00 12.00 12.30 12.30 1.00 1.25 2.00	11,26 11,35 12,05 12,35 12,55 1,05 1,05 2,05	11.15 11.15 12.45 1.00 1.10 1.35 2.10	1.67	11, 45 12, 15 12, 45 12, 45	11,45 11,50 12,50 12,50 1,15 1,20 1,45 2,20	10. 55 11. 50 12. 50 12. 50 12. 50 1. 50 1. 50 2. 55
1.30 1.40 2.00 2.35 2.55 2.55	1.50 1.50 2.10 2.45 3.02 3.10	1.56 2.15 2.50 3.15	3,10	1.55 2.00 2.20 2.55 3.17 3.20	2,00 2,06 3,00 5,22 8,25	2.10 2.30 8.05	2.05 2.15 2.55 3.17 3.40	2.10 2.20 3.15 5.45 4.05	2, 25 2, 15 3, 20 3, 50	2,15 2,30 2,50 3,25 4,55 4,15	2.25 2.35 2.50 1.00 1.20	2.27	2.40 3.06 6.35 4.05	2,15 2,45 3,10 2,40 4,10	2.55 3.20 2.50 4.20 4.20
8,80 8,50 9,20 5,00 5,00 5,00 6,00	3,40 4,50 4,50 5,10 5,50 6,15	8, 45 4, 05 4, 75 5, 15 5, 15 5, 5 6, 7		9,50 4,10 5,00 5,00 5,00 5,00 6,00	3.55 4.15 4.45 5.25 5.25 5.45 6.60	1.00 1.20 1.50 5.30 5.30 5.10 6.35	4.05 4.25 3.15 5.35 5.35 6.40	4, 15 4, 50 5, 00 5, 20 5, 45 6, 25 6, 50	•. 20 •. 35 5.05 •.50 6.10	**************************************	4, 45 5, 15 5, 25 6, 26 6, 25 7, 25	5,42	4.25 4.50 -5.20 6.05 6.25	4.55 5.25 5.50 6.10 6.30	5.05 5.05 6.00 6.20 6.20
6.50 7.30	6.38 6.58 7.38	6.45 7.05 7.45	6.30 P.S. THE		=		LATE NIGHT		-2-	===			::: :::	===	
6.30 7.30 8.55 8.50 9.10	6.27 7.07 8.12 8.57 9.17	6.45 7.43 8.18 9.03 9.30	<u>=</u>	6,43 7,40 8,29 9,08	6.53 7.53 8.28 9.10	6.58 7,58 8,31 9,18	7.10 8.10 8.45 9.20	7.15 8.15 8.50 9.25	7.19 8.19 5.54 9.29	7.25 6.25 6.59 5.34	7,50 9,50 9,02 9,08		7. 55 8. 15 9. 07 3. 45	7.42 0.42 9.11	7.55 8.55 5.20

Western Road Bus Services, Route 210 Parramatta- Blacktown, May 1978

creased in population in the forty years we have examined. However, the number of people travelling by bus has declined over this time and uneconomic services like the Christmas Day ones are provided as a community obligation. Bus services like the 700 seem set to continue, although the effects of the new contract areas are as yet unknown.

Will it increase as part of a through route, or decline in favour of some other route?

			ROUTE 210		# TURD	TONLY			FOUTE 210						
PARRAMATTA		YIA NICHA	AY & STH. WEN7	HORTHVILLE		_	BLACI	KTDWN		VIA HIGHW	LY & STH. WENT	FAORTRYELLE			PARRAMATTA
PARRAMATYA STATION	A" HIMMA	PEHOLE NAT	O. PROSPECT & ÉTTALONG	8110WN Ro 8 HYMRY	В 'Тамн å Ке ум акты	HALLPARK 4 Orana	BLACKTOWN STRTION	BLACKTONM STATION	WALLPARK 6 ORENA	BITOWN A		O. PROSPECT 4 ETTALONO	PENDLE MAY	W. BINEY 4 HANKER	PERMANATE STATION
						_	_	_			_	_	6.25	6.92	6,40
		_		_		***		-				~~~	6.45	6,52	7,00
_		_			_	-	_	_			_		7.15	7,22	7.30
		_	6.55	7.02	7.09		7,15	7.15	7.20	7+25	7.30	con	7.35	7,40	7,50
6.40	6.47	6.54	_	7,00	7.07	7.12	7.15	7,25	7,30	7.35	7,40		7.45	7.53	9.00
7.00	7.07		7.13	7.22	7,29		7.35	7,45	***	7.51	?₊58	8.07		0,19	8,20
7,30	7.36	7.41		7.50	7.55	8_50	8.05	6.10	_	8.18	8.24		8,29	8.87	8,45
7.50	7.57	B ₊ 03	_	8.05	8,15	B.20	8.25	. 0,35	8.40	8.44	D. 49		6.54	9.02	9,10
6,10	8.18	5.23		8,32	8.35	8.10	8.45	6,55	8,59	9,04	5.70	-	9,15	9.20	9,40
8,30	0.37		8.46	8.52	8,58		9.03	9.08	 -	9.12	9.18	9.25		9.83	9,40
8.50	8.58	9,03	***	9,12	3.17	9.21	7.25	9,35	9,39	3,45	9,49		9.51	10,02	10,10
5,20	9.28	9,35		9.40	5.15	9.50	3.55	10,05	10.09	10,15	10,20		10.,25	10,32	10,40
9,50	9.58	10.03		10,12	10,17	10.21	10.25	10.35	***	10.25	10,45	10,58	_	11.02	17.10
10.30	1 D., 3B	10,47	-	10.54	10,59		11,05	11,05	11,09	11,15	11.20		11.26	11.33	11.90
11,05	11,13	11.20		11.25	11,80	11,35	11,40	11.45	11.49	11.55	12,00	_	12.05	12.12	12,20
11.15	11,23	11,30	_	11.35	t1_40	11,45	11,50	15.00	12.04	12.1B	12,15	_	12.20	12.25	12.32
11,40	11.48	11.55		12.07	12,12	12,16	12,20	12,25		12,29	12,35	12.48		12,52	1,00
12,00	12.08	12,15	_	12.20	12.25	18,30	12.35	12,45	12,49	12,55	1.00	1,05			
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EXPLANATIONS FOR SLAVELS FROM BLACKTOWN TO PARRAMATIA

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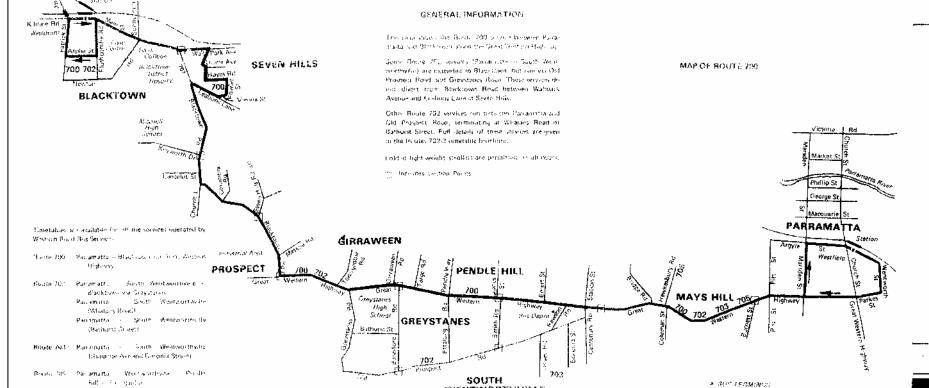
FRICANATIONS FOR DERVICES FROM PARRAMATIA FOREACK SOME A Route 70 Percental South Renderthrille Bucknew notine; Department in most of Bucknew in Comp. Department in most of Bucknews and Buc

The times stated in this constable are those at which it is interested that the bias s is t, t, or depart from the certors pitches indicated, but the appropriate does not ground in this despitate of times of the times stated, how with he are repossible for any delays or other consequences.



WESTERN ROAD BUSIS 1 RAWSON ROAD WENTWORTHVILLE (02) 631 8500

TIME



WENTWORTHVILLE

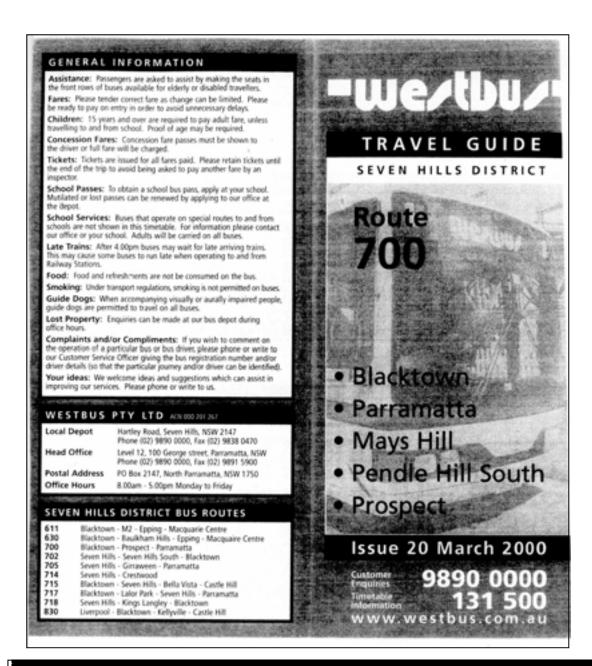
Route 700 PAR

Via GREAT WE: BLACKTO

Sarvices on Route 702 bety via South Wentworthville shown in this timetable.

March





BLACKTOWN to PARRAMATTA

via Prospect, Pendle Hill South & Mays Hill

Showing Route Number	700	700	700	700	700	100	700	700	700	700	700	200		700	700	700	700	7
	14th												pm i					_
&ACKITIVAN Trast arrives	5.08	5.42	6.23	5.48	7 11	7.41	871	8.48	9.09	9.44	10.14	11.14	12.14	1.14	1.54	2.24	254	3
BLACKTOWN STATION	5.22	601	6.26	657	7.22	7.49	845	8.55	9.74	454	10.74	15.24	12.24	1.24	2.00	2.60	3.00	- 3
Westpoint Patrick St	5.24	603	6 28	6.59	7.24	751	271	857	9.26	9.56	10.25	11.26	12.26	1.76	2 02	110	3.04	-
BlackHimm Hospital	5.25	6.06	6 31	7.02	7.28	7.55	8 70	9.31	9.33	18.30	10.33	11.36	12.30	1.35	2.06	2.16	108	1
Reyworth Or & Blacktown Rd	5.29	6.0	6.75	707	7.93	8.00	835	9.06	9.35	10.05	10.35	11.35	12.35	1.45	211	7.40	111	- 3
Home Base Shoos (Stocktart Hd)							84/	9.12	9 41	10.11	10.41		12 41	141	217	2.42		
Blacktown Rd & Highway	5.33	6.14	6.47	7.77	7.58	8.95	8.44	916	9.43	1113	19.43	11.43	12 43	1.43	7 19	7.49	3.18	
Pendle Way & Hughnay	5.35	6:8	645	116	7.44	à li	8.64	9 : 9	9.48	13.18	10.48	11.48	12 dH	1 48	2.24	2.54	1.71	i
Fullager Rri & Station St	5.39	6.72	6.50	7.21	2.49	816	91.5	9.22		12.73			12.54	1.53	279	259	3.73	3
MAYS HALL Good & & Higgines	543	6.76	6.55	7.76	755	8.22	850	129	938	10.78		ii šė		158	2 34	164	3 11	3
Westfield (Church St)	546	1: 37	700	731	301	8 78	9 (44	9.31	1200	10.24	11 3	17.03	1.33	2.33	2.39	309	1 15	3
PARRAMATTA SERBON	548	6.33	7.02	7.13	103	8.30	9.5.	9 16	10.00	10.15	11.06	12/05	105	205	7.51	4 11	4.4C	3
PARIRAMATTA Train to City	555	6.40	7.10	7.40	8 11	8.43	910		10 09			12.09	1.09	2.09	2.54	3.21	3.46	à

Showing Route Number	700	700	700	700	100	700	700	700	200	700	704
	pm i	_							_		
LACKTOWN Train arrives	3.56	4 26	4.56	5.26	5.56	6.28	656	7.32	9 92	8 32	90
ACK OWN Station	4.00	4.50	5:30	5.30	6 X	6.12	10	7.37	8.97	8.37	30
Vestigant (Partick St)	4 02	4 12	508	537	6 32	5 14	71	7.39	H 59	8.39	9.0
lautowa Hospita.	435	4 16	5.05	5 35	h 36	6.38	26-	1.12	B 12	8,42	91
Syworth Dr & Blacktown Hd	4.11	4.41	5 11	3.41	5.11	€43	2.1	7.45	H:5	8.45	91
Strine Base Shops (Steddart Hol)		4.47	5.17								
GCCCOWN & & Identification	4.15	4.49	5 19	5.66	is 16	6.48	4.1	7.49	8.19	8.39	9.1
rodic vay & Holimar	4.71	4.54	5.24	551		651		152		8.57	2
ulacar Rd & Station St	4.28	4 59	5.29	5.56		6.54		7.55		8 55	
MAYS HILL GOOD ST & Highway	4.31	5 04	5 14	6.01		€ 58		7.59		å 59	
Vestfield (Orunch 59)	4.36	5.09	5 19	E Dr.		2.01		3/12		907	
ARRAMATIA SEEDOO	138	5.11	5.4	6.03		7.37		Aug		934	
WARAMATTA Train to City	4.52	5.22	5.55	6.13		7.09		8 13		913	

PUBLIC HOLIDAYS
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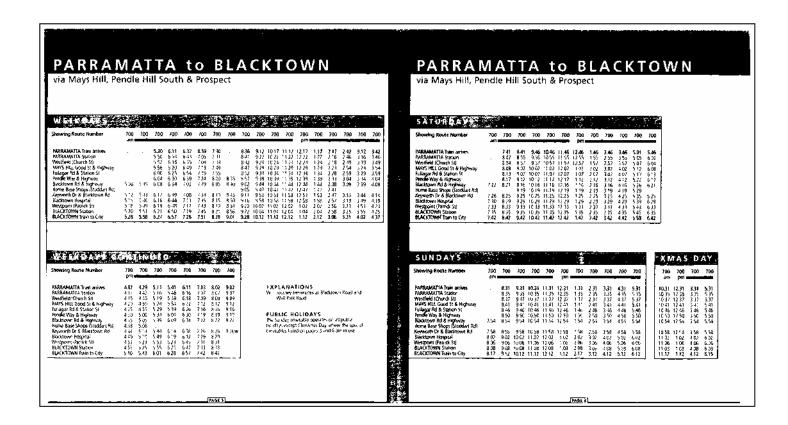
BLACKTOWN to PARRAMATTA

via Prospect, Pendle Hill South & Mays Hill

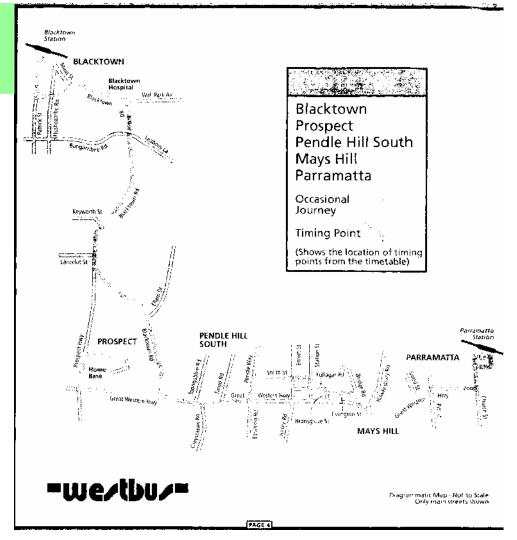
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Showing Route Mumber	700 am	700	700	700	700	70€ pm	700	700	700	700	700	700
BLACKTOWN Train arrives	7.28	8.18	9.24	10.24	11.24	12.24	1.74	2.24	3.74	4.74	5.24	6.24
BLACKTOWN Station	7.15	ė 31	9.28	1628	11.28	17.79	1.28	2.28	3 28	4.28	529	6.28
Westpoint (Parick 5)	7.36	8.33	9.30	10 30	30	12 30	1 30	2 30	130	4.30	5 30	6.30
Blacktown Hospital	7.40	8.37	9.34	10,34	11.34	12 \$4	134	7.34	3 34	4 34	5.34	6.33
Keyworth Dr & Blacktown Rd	7.44	8 41	9.38	10.38	:: 38	12.38	1.39	2.38	3 38	4 3E	5.38	6.37
Home Base Shops (Stockdart Rul)			9.44	IC 44	11 44	12 44	144	2 44	3.44	444		
Blanktown Rd & Highway	7.48	8-46	9.46	10.46	11.46	12.46	1.46	2 46	3.46	446	542	5.40
Pendle Way & Highway	7.52	8.50	9.50	10.50	11.50	12.50	130	7.50	3.50	450	5.46	
Fudaday Rd & Station St	756	8.55	9.55	10.55	11.55	12.55	135	2.55	3.55	4.55	5.50	
MAYS HILL Good 51 & itsghway	5.01	9.00	10 00	11.00	12.00	1.00	2.66	300	4.00	500	5.55	
Westfield (Church St)	8.35	9.05	1835	10.05	12.05	105	2.05	3.05	405	5.05	5.59	
PARRAMATTA STATION	3 07	9.07	10.07	11.97	12.07	1.07	201	107	407	5.07	6.D!	
PARMAMATTA Train to City	813	9.13		11.13	12.13	2.13	233	313	413	5.13	6.13	

SUNDAY5				• • • •			1				
Showing Route Number	700 am	700	700	700	700	700	700	700	700	700	700
	48111				_	P-11 4					
BLACKTOWN Train arrives	7.41	8.48	9.54	10.54	11.54	12.54	154	7.54	3.54	4.54	554
BLACKTOWN Station	300	9 00	10.00	14.00	'2.00	1 99	2 30	3.00	4 00	5.00	6 30
Westpoint (Paerick \$1)	8 62	9.02	10.02	11.05	.5.05	1.07	752	3 37	4.32	5.02	5.02
Blacktown Hospital	R.06	9.36	16.36	11.06	206	1.06	2.06	3.06	135	5.06	506
Kenworth Dr & Blacktown Rd	8.10	9.10	10.10	*! ia	12:10	1 10	7.10	310	4.10	5 10	B 10
Home Base Shoos (Stoddart Ro.											
Blacktown Rd & Highway	B 14	914	18 14	10.14	12.14	114	2.14	314	4.14	514	5.14
Pendle Way & risultivay	5 18	9 18	10.19	11.19	17.18	1.3	7.15	3 18	418	5 18	5 18
Fuckager Rd & Station St	B 22	9 2 2	10 22	11.22	17.22	: 22	111	311	4 11	5 27	644
MAYS HILL Good St & Prohway	9.27	9.27	19.27	11.27	12.27	. 27	2.27	3 27	477	527	627
Westfield (Church SI)	8 31	933	10.31		12.31	: 33	77	3.3"	435	531	61
PARRAMATTA Station	3 33	9.33	10.33	11.33	12.33	1 33	2.11	515	4 11	i id	611
PARRAMATTA Train to City	8.39	9 19	10.39		12,39	1.19	2 39	339	4 19	5.43	643

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700 am	700 pm	700	700
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10 14 10 18 10.22 10 27 10 33 10 39	12.22	314 318 3.22 3.27 3.31 4.33 3.39	5 14 5 18 5 27 5 27 5 31 5 33 5 48



Westbus: Issued 20 March 2000, Route 700 Parramatta - Blacktown



More on Indian Bradshaw

Letter

The timetable they love to hate is the one they love to write about. VICTOR ISAACS' review of Indian railway timetables (May 2005) still draws comment. The latest letter comes from IAN MANNING.

t might be useful to add a little to the recent articles on Newman's Indian Bradshaw.

I last visited India in February this year (2005). As old India hands will know, Indian Bradshaw is a Calcutta publication, and its availability at railway bookstalls has always diminished with distance from its place of origin. Accordingly, on arrival in Kolkata I proceeded to the established address of 3 Old Court House St. Newman's shop was indeed there, but it had converted into a ladies' fashion warehouse. On investigation, there was a remnant of its days as a bookshop in the form of a room of old stock out the back, but no timetables.

However, timetables were no further than a ferry ride across the Hooghly away, being prominent in A H Wheeler's bookstall on the Howrah station concourse. Though they still carry the Old Court House St address on the front cover, the title page shows the new distributor as Vinayak Enterprises of room 32, 3rd floor, 62/lA N S Road Kolkata 700001.

Apart from the change of distributor, the change to a larger format reflects the reorganisation of the Indian Railways into no less than 16 zones, a considerable increase on the previous total of nine — the

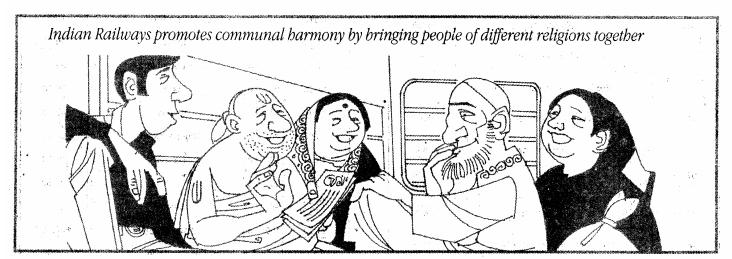
Konkan Railway being additional in both cases. The reasons for the rezoning included the ambition of various cities to be Railway Capitals, plus a need to sort out the system in the northern part of the country. When the original zones were formed, the metre-gauge lines on the Ganges Plain went to the North Eastern railway, but with the conversion of these lines to broad gauge there came an interpenetration of lines of different zone but the same gauge that was offensive to the bureaucratic mind. I enclose a copy of the cover page listing the new zonal railways. At least the cover illustrations are of historic Indian trains, not overseas pictures as has happened in the past.

Though the tables in Indian Bradshaw have been re-organised to reflect the new zones, many of its unusual features remain. For example, opposite page 89 there is a page numbered facing page 89, followed by page 90.

One of the problems for Indian Bradshaw has been the proliferation of trains. In former times numerous through carriages were exchanged at junctions, but these have mostly been replaced by through expresses not all of which run daily. Many of these connect unlikely places at opposite ends of the country, for example No 5221 Ernakulam Barauni Raptisagar Express, which runs once weekly. These trains take up many columns in Indian Bradshaw's main line tables, with the result that local trains have been crowded off the page. (I enclose an example of the table for Allahabad-Varanasi, which until gauge conversion was a metre-gauge dead-end branch but is now a through line. It still has a couple of stopping passenger trains but these have been crowded off the page.)

The re-zoning has also affected the annual railway-published timetables, which are now regional. For example, a combined timetable is published for the Konkan, South Central, Southern and South Western railways (excluding Chennai suburban services) and another for the Northern, North Central and North Eastern Railways. I was not able to buy a similar volume for the Eastern region — perhaps they are protecting Indian Bradshaw.

The official guide to Indian expresses, Trains at a Glance, continues. One of its pleasanter features is its cartoons, drawn in railway draftsman style and showing passengers happily travelling together.



Postal Regd. No. WB/RNP-359

Newman's Regd. No. N. P. 2935/5. Indian Bradshaw

(PUBLISHED MONTHLY)

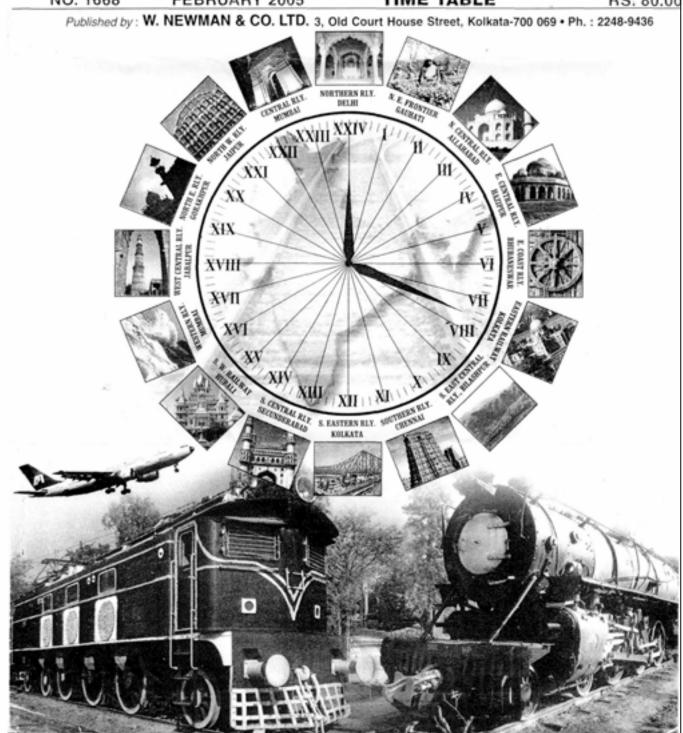
OLDEST PUBLICATION INCORPORATING TIME TABLE OF ALL SIXTEEN ZONES
A GUIDE FOR RAILWAY TRAVELLERS IN INDIA

NO. 1668

FEBRUARY 2005

TIME TABLE

RS. 80.00



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NSWGR on disc

Long before AATTC had begun offering timetables on disk, the NSW RAILWAYS had already broken the ice.

n offer recently on E-Bay was a vintage New South Wales By Train Disc chart.

The Railways said on the reverse: "Designed originally as a souvenir of the New South Railways exhibit in the 150th Australian Commemorative pavilion at the Royal Easter Show 1938 this disc chart is now re-issued for general distribution. So great was the demand for it during the Show that many thousands of people could not secure copies although 50,000 were printed. Applications from all parts of Australia continued to be made for copies and, rather than disappoint so many people, the Commissioner for Railways approved of a second edition for distribution, with his compliments. The posters reproduced here in miniature were portion of the railway exhibit in the Commemorative Pavilion".

The bottom disc has most larger NSW towns marked around the edges. By pointing the top disc signal arrow to the appropriate town on this rim, the small windows scattered around the face of the dial then displays the elevation, population, railway line situated on, rank in population, rail mileage from Sydney, average rainfall, meteorological division and mean temperature.... But not train-travel times or schedules, unfortunately.

The NSWGR was just about at its peak mileage at this time and the map on the obverse side of the disk shows even the Ballina line– fairly new then and destined to disappear within a few years. Pride of the fleet was one of Australia's first air-conditioned trains– the Silver City Comet, and this was featured along with a number of other snippets of information about the system.

It is a pity we cannot see under the top disk—this must have been a devil of a job for the printers, with a total of about 60 entries on nearly two dozen alignments—something to make the idiosyncrasies of Bradshaw (described elsewhere in this issue) and the early issues of The Times—look like child's play.





Whence the *timetable*?

The Times has reproduced many an early timetable, including one for a Nile Barge from the years BC and an 11th Century graphical timetable for the planets. But the first real timetable—by that name—emerged in England in 1838, as the late Jack Simmons explained in his 1991 book—The Victorian Railway.



he railways had to evolve a vocabulary consisting of technical terms for their equipment and also of terms needed for communication with their customers. Before they ever began to carry passengers, the coaches had had their precise hours of departure and arrival, subject however to interruption, through storm or accident or human error. When railway services began, they were liable to disorganization from the same causes, and on occasion from mechanical failures as well. But gradually these vagaries grew fewer, and it came to be realized that trains were appointed to run at exactly fixed times, and that they normally did so. As the system developed in the 1840s the number of these fixed times up and down the country steadily increased. Important junctions appeared, at which converging trains were intended to connect with one another: Crewe, for instance, and Parkside in Lancashire.

All this imposed rigidities on business and movement never imagined before. It was an evident necessity that the times should be clearly announced, and not at the stations alone. They were advertised in newspapers, but some people wished to refer to them more conveniently. A new contrivance was devised for this purpose, and it was called a 'time table'. These words were used by the London & Birmingham Railway in 1838 and then passed into general currency, soon hyphenated or amalgamated into one.

Not all railway companies adopted 'timetables' immediately, however. The Liverpool & Manchester preferred to issue a 'scheme of depar-

tures' (something more cautious, for it did not specify times of arrival) as late as 1843. But 'timetables' steadily made their way, to become part of the railways' standard equipment. The word was sometimes applied strangely. The South Yorkshire Railway issued something called a 'timetable' in 1851; but it did not give the times of any trains and added, for the more thorough discouragement of passengers, 'no guarantee of punctuality'.

The timetable brought with it another word, coined from a proper name: Bradshaw. George Bradshaw, a Manchester Quaker, started to produce his Time Tables in 1839. Their success was instant and complete. They never had any serious rival in presenting the times for the railway system of the United Kingdom as a whole. Other attempts of the same sort were made indeed, but none of them established itself, whereas Bradshaw's Railway Guide was published, under successively varying titles, every month for 120 years.

Its main drawback was that many people found it difficult or impossible to understand. In the early Victorian age the book was produced in a small format, on poor paper, in minute — here and there in minuscule — type, with notes appended wherever they could be fitted into a page, often running sideways or even upside-down. Some of its symbols and conventions were ambiguous, and the information given was frequently baffling. So 'Bradshaw' became a by-word for incomprehensibility. Dickens poked fun at it on this account, in 'A Narrative of Extraordinary Suffering' in 1851, ending up with the sufferer, demented,

muttering the single word 'BRADSHAW'. 'At what hour I shall get to Glasgow', wrote Trollope in 1869, 'I cannot learn, without an amount of continued study of Bradshaw for which I have neither strength nor mental ability.

This timetable was then called everywhere by its original compiler's name alone. It made a figure in the music halls: a comic song, 'Bradshaw's Guide', was 'written, composed, and sung with unbounded applause by Fred Albert at the London and provincial concerts'. 'A Guide to Bradshaw' ran through nine instalments of Punch in 1865: a well-directed satire, sometimes facetious but often funny still. It turns up again and again in conversations in fiction (best of all perhaps at the very end of Max Beerbohm's Zuleika Dobson) and came to be regarded as one of the mysteries of its country. T've seen you with Bradshaw', exclaims an American to an Italian, teasing him for his confusion, in Henry James's Golden Bowl. 'It takes Anglo-Saxon blood.'

So the timetable, and above all Bradshaw's indispensable compilation, made its way into the lives of the Victorians. It acted as an agent in the dissemination of standard time. The idea it represented came to be applied to purposes other than those of the railways. The 'timetable' soon penetrated the schools, to provide a neat means of organizing their lessons. By 1858 it was being used to record the services of steamboats and the rise and fall of tides, as well as for furnishing 'a check upon the period of labour of workmen'. Here the railway forged an instrument widely adaptable to the closer regulation of society at large.

The Great Indian Railway Atlas

by Samit Roychoudhury, reviewed by Victor Isaacs

ne of the world's great railway systems now has an atlas befitting its status. This fine publication is obviously produced as a labour of love. It comprehensively provides a guide to this huge network, suitable for the traveller or for the person at home.

The main series of maps show all lines and all stations. Electrified and non-electrified lines are distinguished. Double and multiple track is indicated. Enlargements show the most complicated areas: Delhi, Patna, Ahmadabad, Kolkata, Mumbai, Secunderabad, Chennai and the east Indian coalfields, as well as the Delhi and Kolkata Metros. Among the most interesting features mapped are lines under construction and proposed lines. Also indicated are such features as zonal and divisional headquarters, loco sheds (electric, diesel or steam), workshops and container terminals. The railways are related to the wider scene by indications of state borders and major rivers.

Bonuses are a full colour overview map which shows the division of the network into zonal railways, a rail network map of 1893, a map of express train routes, a map of past and present narrow gauge lines in South Bengal, a list of recent name changes, and a list of printed and internet resources about Indian Railways. A comprehensive index is provided.

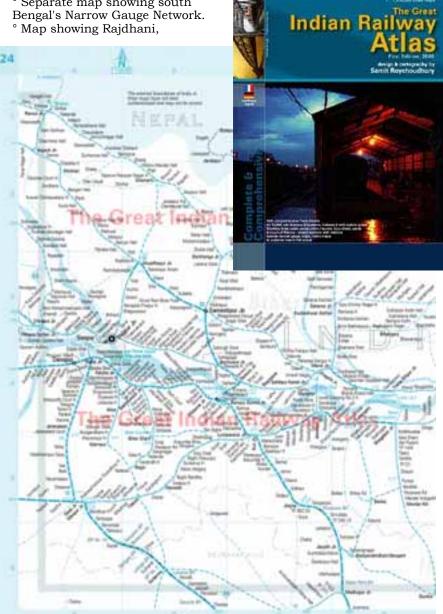
This Atlas is recommended for anyone with an interest in railways and/or maps.

- 55 pages of two colour maps, of 1: 1,500,000 scale, referenced by a locator map.
 - ° All the approx. 10,000 existing and closed stations on the network, fully indexed and with their respective station codes.
 - ° Most closed lines and stations depicted.
 - ° Divisional and zonal headquarters identified.
 - ° Tracks depicted showing gauge, whether single or double, electrified, etc, along with divisional boundaries.
 - ° Works in progress including new lines, gauge conversion,

- electrification, etc, including those under survey.
- ° All the loco sheds (electric, diesel and steam) marked.
- All important freight yards, goods sheds and container terminals marked.
- ° Detailed inset maps of the rail networks of Ahmadabad Chennai, Delhi, Kolkata, Mumbai, Patna & Secunderabad regions, as well as the Dhanbad Coal-
- Metro Maps showing interaction with regular railway systems for Delhi and Kolkata.
- ° Separate map showing south

- Shatabdi & Jan Shatabdi Express routes.
- Multilingual Legend in English, French and German
- ° Glossary of name/spelling changes.
- ° A Railway route map of 1893.
- ° Single spread At-a-Glance map of the entire system, showing the jurisdiction of the various zones.

Available from Meridian World Travel, PO Box 192, Botany NSW 1455, \$49.95.



Punch-up at the station

On page 18, Jack Simmons comments on the fun that Punch had with Bradshaw. Trains provided the magazine with a lot of cartoon and satirical material, starting with the scathing series by Tenniel, the illustrator of Alice in Wonderland. Here are some, including Punch's take on Bradshaw..

