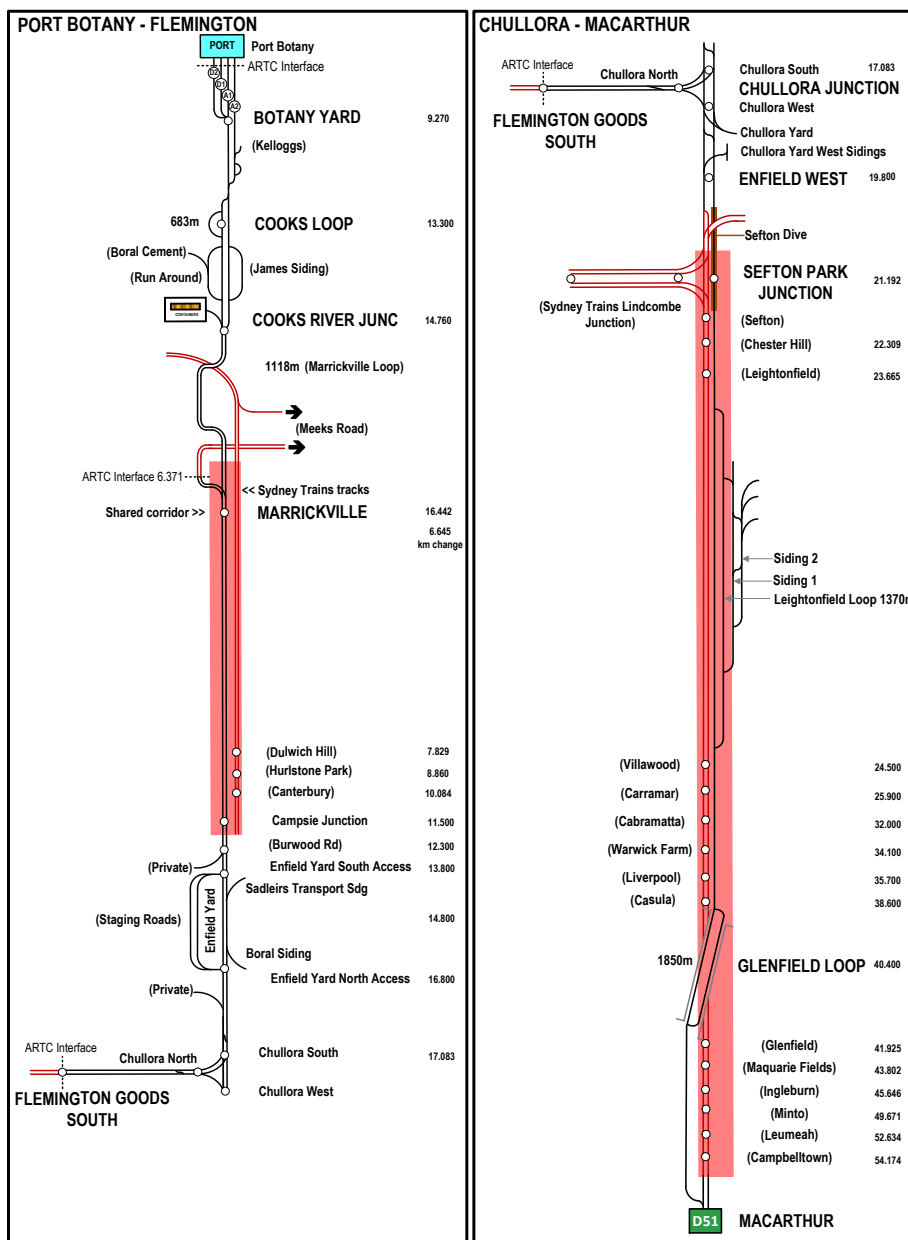


1 D45–Sydney Freight Network (SFN) Port Botany to Macarthur

(*includes Chullora South Junction to Flemington South)

NB: These line maps are indicative only and should be reviewed in conjunction with the legend on

Page3. For more detailed map information refer to the ARTC website.



2 D45 Route Capacity

PORT BOTANY – COOKS RIVER			
TRAIN TYPE	MAXIMUM SPEED	MAXIMUM AXLE LOAD (TONNES)	
	(KM/H)	LOCOS	WAGONS
FREIGHT	50	22.8	23
	40	22.8	25
PASSENGER			
XPT/RAILCAR	50		
DIESEL HAUL	20		

Note: Route capacity applies where vehicle characteristics and conditions permit.

COOKS RIVER – MARRICKVILLE			
TRAIN TYPE	MAXIMUM SPEED	MAXIMUM AXLE LOAD (TONNES)	
	(KM/H)	LOCOS	WAGONS
FREIGHT	50	22.8	23
	40	22.8	25
PASSENGER			
XPT/RAILCAR	50		
DIESEL HAUL	20		

Note: Route capacity applies where vehicle characteristics and conditions permit.

MARRICKVILLE – FLEMINGTON SOUTH			
TRAIN TYPE	MAXIMUM SPEED	MAXIMUM AXLE LOAD (TONNES)	
	(KM/H)	LOCOS	WAGONS
FREIGHT	70	22.8	25.0
PASSENGER			
XPT	70		

Note: Route capacity applies where vehicle characteristics and conditions permit.

CHULLORA NORTH JUNCTION - CHULLORA WEST JUNCTION (NORTH FORK TRIANGLE)			
TRAIN TYPE	MAXIMUM SPEED	MAXIMUM AXLE LOAD (TONNES)	
	(KM/H)	LOCOS	WAGONS

FREIGHT	70	22.8	25.0
PASSENGER			
XPT	70		

Note: Route capacity applies where vehicle characteristics and conditions permit.

CHULLORA SOUTH JUNCTION– SEFTON PARK SOUTH JUNCTION (KM CHANGE)			
TRAIN TYPE	MAXIMUM SPEED	MAXIMUM AXLE LOAD (TONNES)	
	(KM/H)	LOCOS	WAGONS
FREIGHT	70	22.8	25.0
PASSENGER			
XPT	70		

Note: Route capacity applies where vehicle characteristics and conditions permit.

SEFTON PARK SOUTH JUNCTION (KM CHANGE) – MACARTHUR			
TRAIN TYPE	MAXIMUM SPEED	MAXIMUM AXLE LOAD (TONNES)	
	(KM/H)	LOCOS	WAGONS
FREIGHT	115	22.3	21
	100	22.8	-
	80	22.8	25
PASSENGER			
XPT/ RAILCAR	115	N/A	
DIESEL HAUL	115	19	

Note: Route capacity applies where vehicle characteristics and conditions permit.

3 D45 Special Access Conditions

3.1 Maximum Length of Trains

AREA	MAXIMUM TRAIN LENGTH (M)
PORT BOTANY TO MACARTHUR	1800 MAX/AS PER ALLOCATED TRAIN PATH.

4 D45 Location of Speed Signs

PORT BOTANY – MARRICKVILLE					
LOCATION	KILOMETRAGE	DOWN TRACK		UP TRACK	
		NORMAL	XPT	NORMAL	XPT
173B POINTS	6.658	X30	-	-	-
173A POINTS	6.709	-	-	X30	-
172 POINTS	6.749	-	-	X30	-
171B POINTS	6.758	X30	-	-	-
170B POINTS	6.792	X30	-	-	-
171A POINTS	6.800	-	-	X30	-
170A POINTS	6.866	-	-	X30	-
169 POINTS	7.163	-	-	X30	-
168 POINTS	7.174	-	-	X30	-
166B POINTS	7.195	X15	-	-	-
165B POINTS	7.233	X30	-	-	-
165A POINTS	7.294	-	-	X30	-
164A POINTS	7.410	-	-	X15	-
163 POINTS	7.471	-	-	X30	-
162A-B POINTS	7.858	X15	-	-	-
162A POINTS	7.907	-	-	X15	-
160B POINTS	8.138	X30	-	-	-
160A POINTS	8.204	-	-	X30	-
159B POINTS	8.275	X30	-	-	-
158B POINTS	8.332	X30	-	-	-
159A POINTS	8.353	-	-	X30	-
157A POINTS	8.401	-	-	X30	-
156A POINTS	8.499	-	-	X30	-

	9.941	Start Single Line – Bi directional working			
	10.100	30	-	-	-
BOTANY	10.410	-	-	-	-
	11.583	10 (LX)	-	-	-
	11.883	-	-	10 (LX)	-
	12.649	End Single Line (790A)			
	14.585	-	-	30	-
	14.595	-	-	(10 DN Direction)	-
COOKS RIVER	14.760	-	-	10 (30 DN direction)	-
	14.830	X35 (UP Direction 783B)	-	-	-
	14.855	50 (X35 782A)	-	35 (783A)	-
	14.912	-	-	(50 DN direction)X35 (782B)	-
	16.127	35	-	-	-
	16.289	50	-	-	-
	16.375	-	-	50	-

MARRICKVILLE – CHULLORA WEST JUNCTION					
LOCATION	KILOMETRAGE	DOWN TRACK		UP TRACK	
		NORMAL	XPT	NORMAL	XPT
MARRICKVILL E JUNC	6.645 (KM CHANGE FROM 16.422)	-	-	-	-
	6.670	-	-	X35	-
	6.710	-	-	35	-
	7.000	40	-	-	-
	8.570			40	
	8.870	50	-	-	-
	9.980	-	-	50	-
	10.280	60	-	-	-

CAMPSIE	11.697	-	-	-	-
	11.860	50	-	60	-
	12.600	-	-	50	-
	12.900	60	-	-	-
	13.584	-	-	60	-
(down goods)	13.645	X40 (301A to through road 2)	-	-	-
(up goods)	13.720	-	-	X40 (301B from through road 2)	-
(up goods)	13.730	-	-	X45 (302A DN Direction)	-
ENFIELD SOUTH YARD	13.735	-	-	X25	-
	13.780	-	-		-
	13.800	45		X45 (302B)	
	14.080	55	-	-	-
(through road No 2)	14.151	X15 (306A to staging road 1)	-	-	-
(staging road No 1)	14.295	45	-	X15 (306B)	-
(staging road No 1)	14.620	X45 (380 to staging road 2)	-	-	-
(staging road 2)	14.695	45	-	X45 (380 to staging road 1)	-
	15.000	-	-	55	-
ENFIELD	15.383	60	-	-	-
(staging road 2)	16.410	X45 (387 to staging road 1)	-	45	-
	16.607	-	-	60	-
(staging road)	16.660			45	
(staging road)	16.665	X45 (340A)	-	-	-
ENFIELD NORTH YARD	16.800	70	-	-	-
	16.830	-	-	X45 (340B to staging roads)(X40 DN	-

		Direction 341)			
	16.920	(X40 UP Direction)	-	-	-
CHULLORA SOUTH JUNC	16.932				
*to chullora west junc	17.008			X25 (DN direction)	
for chullora yard	17.299			X25 (DN direction)	
CHULLORA WEST JUNC	17.390				

CHULLORA WEST JUNCTION - MACARTHUR					
LOCATION	KILOMETRAGE	DOWN TRACK		UP TRACK	
		NORMAL	XPT	NORMAL	XPT
ENFIELD WEST	19.800	-	-	-	-
	20.095	X60	-	-	-
	20.500	70	-	X60	-
Single Line Bi-Directional Working with increasing chainage					
SEFTON PARK EAST JUNCTION	20.657	-	-	-	-
	21.050	-	-	-	-
SEFTON PARK SOUTH JUNCTION	22.309	-	-	-	-
	22.351	70	-	70	-
KM CHANGE AT	22.434/20.800	-	-	-	-
SEFTON	21.192	-	-	-	-
CHESTER HILL	22.309	-	-	-	-
	22.560	X25	-	80	-
SSFL LEIGHTONFIELD LOOP	22.629	25	-	-	-
SSFL LEIGHTONFIELD LOOP	24.225	-	-	25	-
SSFL GLENFIELD LOOP	24.300	80	-	X25	-
	39.400	X60	-	-	-
	39.415	-	-	80	-
	39.470	60	-	-	-
SSFL GLENFIELD LOOP	40.038	65	-	80	-
	40.180	80	-	65	-
	41.400	-	-	60	-
	41.480	80	-	X60	-
	41.610	115	-	80	-

	49.490	105	-	115	-
UP SOUTH MAIN	53.850	100	-	105	-
MACARTHUR	57.206				
	57.835	X90	-	100	-
	58.090	100	-	X90	-
UP SOUTH MAIN	58.100	X90	-	-	-
DOWN SOUTH MAIN	58.225	95	-	X90	-

* FLEMINGTON SOUTH JUNCTION - CHULLORA SOUTH JUNCTION					
LOCATION	KILOMETRAGE	DOWN TRACK		UP TRACK	
		NORMAL	XPT	NORMAL	XPT
FLEMINGTON SOUTH JUNC	18.909	-	-	-	-
CHULLORA NORTH JUNC	17.597	-	-	-	-
(CHULLORA WEST JUNC)	(17.309)	-	-	(X25)	-
	17.207	-	-	70 (DN Direction)	-
CHULLORA SOUTH JUNC	16.932	X25			

Issued By:

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Australian Rail Track Corporation

Approved By:

Minor - Manager Standards

NAN Ref (if applicable):

2085