

SAFE Notice 2020

Number: 2-4473

Chullora Junction Upgrades

Stage 2 – West Junction and North Junction Upgrades with Both South Forks and North Fork Slew

This Safe Notice shall be read in conjunction with Train Alteration Advice (TAA) No 0192 – 2020.

General

Commencing at 2200hrs on Friday 6th March 2020 until 0200hrs on Monday 9th March 2020 or until completed, the following work will be carried out for Chullora Junction upgrade project from 17.070km to 17.550km (South Junction to West Junction) and from 17.550km to 17.620km (West Junction to North Junction).

- West Junction track works including upgrading 4 turnouts numbers 351, 352A and B, 353A to 60kg tangential with D84M Mark III point machines with EOLs and Spherolocks. Upgrading 353B (catchpoint) to 60kg tangential with D84M Mark III point machine with EOL and Clawlock.
- Relocation of dwarf signal ED277
- Drainage works West Junction, South Forks and North Fork
- Formation work and slew of Up and Down South Forks and relocation of impedance bond wayside equipment.
- North Fork slew and relocation of signal ED275NF
- Reconditioning and upgrading North Junction turnout number 348 to 60kg tangential.

Infrastructure Alterations

The following infrastructure alterations will be made.

Signal Number	Current Location	New Location	Change
ED275NF	17.305km	17.320km	Relocated clear of new alignment and longitudinally 15m towards Flemington
ED277	Mid point between existing 351 pts and 352A pts	Mid point between new 351 pts and 352A pts	Relocated laterally 0.5m clear of new alignment. No change to Km.

Alterations to Points Infrastructure (Km refer to Down Goods line)

Points Number	Location	Change
351	17.462km	Renewed to D84M MKIII spherolock. ESML replaced with EOL (fortress keys) on the same post
352A	17.467km	Renewed to D84M MKIII spherolock. ESML replaced with EOL (fortress keys) on the same post
352B	17.541km	Renewed to D84M MKIII spherolock. ESML replaced with EOL (fortress keys) on the same post
353A	17.475km	Renewed to D84M MKIII spherolock. ESML replaced with EOL (fortress keys) on the same post
353B	17.528km	Renewed to D84M MKIII spherolock. ESML replaced with EOL (fortress keys) on the same post

1. No changes will be required to the signal interlocking as part of these works.
2. Changes will be made to Phoenix control system at NCCS Junee and eTAP data post the project.
3. No changes to the current speed boards arrangement until further notification.

Network Information Book Amendment

Sydney 2

Enfield (inc) to Flemington Junction (exc) & Chullora Junction to Leightonfield (inc) excluding Sefton Park Junction

OGW-30-26

2.2 Chullora (CGJ)

Delete: Diagram NIB-T0643

Insert: new diagram NIB-T0643 attached to this SAFE Notice.

Amend below information in diagram NIB-T0643, Rev 1, dated 06/02/2019.

- Change the Km of ED275NF from “17.305km” to “17.320km”.
- Change the Km of ED280 from “17.600km” to “17.628km”. 354 crossover relocation to match the new Km.

- Change the KM of ED282 from “17.582km” to “17.628km”. 354 crossover relocation to match the new Km.
- Shunt limit sign between ED282 and ED284 to be facing Port Botany rather than facing Country.
- 354 crossover, signals ED280, signal ED282 and Shunt Limit sign to be relocated approx. 46m towards Country.
- Draw a catch point between 352B and 353A, shown as “CP 353B” and delete the “353B” word.
- Correct “353B” point logo to 2G ground frame. Correct the “G” ground frame to “5G” ground frame.

Safeworking Arrangements

The work must be carried out as per the appropriate ARTC Network Rules and Procedures.

SAFE Notice recipients must ensure this SAFE Notice is circulated to and understood by all personnel affected by, or needing to know, its content.

SAFE Notices must be issued to all affected Competent Workers.

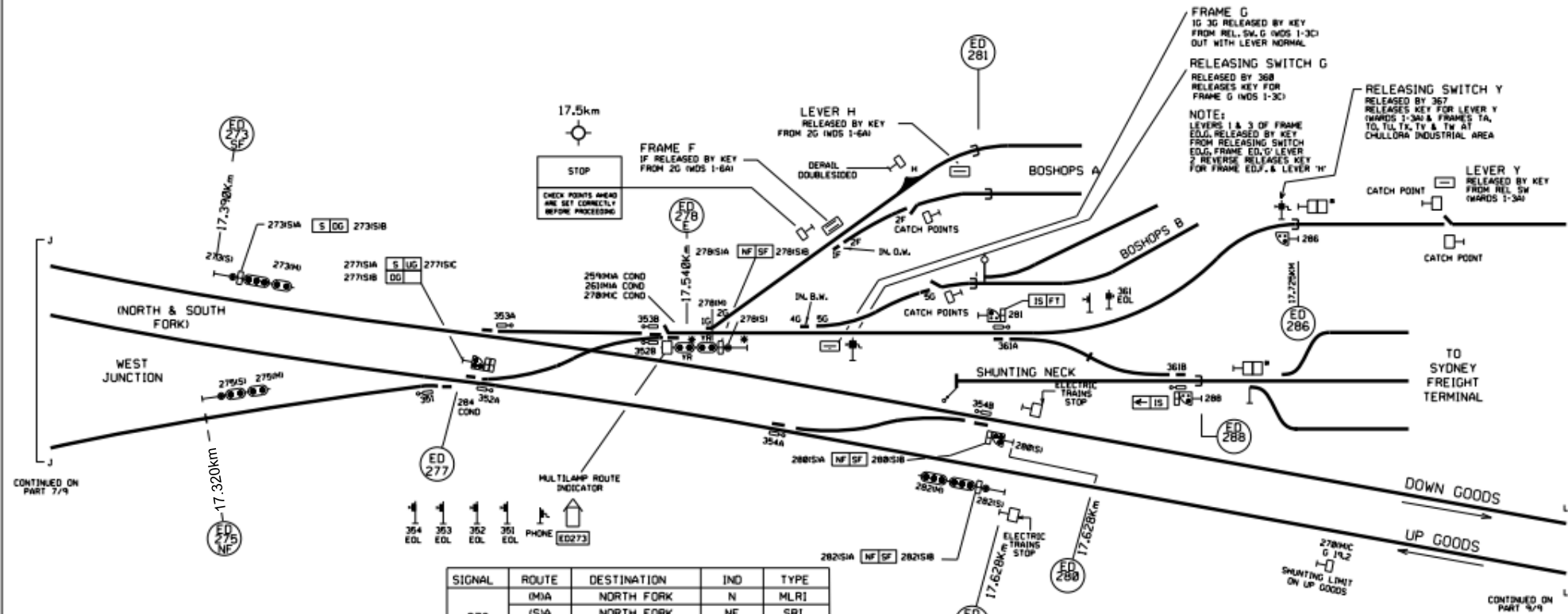
Competent Workers who receive a SAFE Notice must follow the requirements in the SAFE Notice.

Date 27th of Feb 2020

Approved by Service Delivery Manager Operations Services Interstate

ARTC

FOR THE INFORMATION OF ALL COMPETENT WORKERS AND USERS OF THE ARTC NETWORK



SIGNAL	ROUTE	DESTINATION	IND	TYPE
273	S(A)	SIDINGS	S	SRI
	M(B)	DOWN SEFTON	-	-
	S(B)	DOWN SEFTON	DG	SRI

SIGNAL	ROUTE	DESTINATION	IND	TYPE
277	(S)A	SIDINGS	S	SRI
	(S)B	DOWN SEFTON	DG	SRI
	(S)C	UP SEFTON	UG	SRI

POINTS	No	POINTS	TYPE	HANDLE INDEX	KEY	DESCRIPTION
351	VBS DB4M MK(I)	A-D	FORTRESS	ENFIELD EQL & 351 PTS		
352A	VBS DB4M MK(I)	A-E	FORTRESS	ENFIELD EQL & 352A PTS		
352B	VBS DB4M MK(I)	A-E	FORTRESS	ENFIELD EQL & 352B PTS		
353A	VBS DB4M MK(I)	A-G	FORTRESS	ENFIELD EQL & 353A PTS		
353B	VBS DB4M MK(I)	A-G	FORTRESS	ENFIELD EQL & 353B PTS		
354A	VBS DB4M MK(I)	A-H	FORTRESS	ENFIELD EQL & 354A PTS		
354B	VBS DB4M MK(I)	A-H	FORTRESS	ENFIELD EQL & 354B PTS		

SIGNAL	ROUTE	DESTINATION	IND	TYPE
278	(M)A	NORTH FORK	N	MLRI
	(S)A	NORTH FORK	NF	SRI
	(M)B	UP SOUTH FORK	S	MLRI
	(S)B	UP SOUTH FORK	SF	SRI

SIGNAL	ROUTE	DESTINATION	IND	TYPE
280	(S)A	NORTH FORK	NF	SRI
	(S)B	UP SOUTH FORK	SF	SRI

SIGNAL	ROUTE	DESTINATION	IND	TYPE
282	M(A)	NORTH FORK	-	-
	S(A)	NORTH FORK	NF	SRI
	M(B)	UP SOUTH FORK	-	-
S(B)	UP SOUTH FORK	SF	SRI	

2	ENFIELD	Chullora West Junction Upgrade - Stage 2 (S)A, (S)B, (S)C Points & ED273, ED277 Signals	NY	Not started	31/03/2019	30/06/2019
1	ENFIELD	Chullora West Junction Upgrade - Stage 1 (S)A Points	NY	Not started	31/03/2019	30/06/2019
Rev	Edm	Revision Description	Rev	102	Classified	KLEAH 30/06/2019

FRAME G
 1G 3G RELEASED BY KEY FROM REL. SW. G (MOS 1-3C) OUT WITH LEVER NORMAL

RELEASING SWITCH G
 RELEASED BY 36B
 RELEASES KEY FOR FRAME G (MOS 1-3C)

RELEASING SWITCH Y
 RELEASED BY 367
 RELEASES KEY FOR LEVER Y (MOS 1-3A) & FRAMES TA, TO, TUL, TV & TW AT CHULLORA INDUSTRIAL AREA

NOTE:
 LEVERS 1 & 3 OF FRAME EDG, RELEASED BY KEY FROM RELEASING SWITCH EDG. FRAME EDG. LEVER 2 REVERSE RELEASES KEY FOR FRAME EDG. & LEVER 1'

LEVER H
 RELEASED BY KEY FROM 2G (MOS 1-6A)

LEVER Y
 RELEASED BY KEY FROM REL. SW (MOS 1-3A)

NOTICEBOARD INSCRIBED

END SIGNALLED AUTHORITY
 DO NOT PROCEED UNLESS AUTHORISED

ARTC

CHULLORA WEST - STAGE 2
 SIGNALLING ARRANGEMENT

Sheet No. 001