



NORTHERN RAILWAY

Office of the Sr. DEE (OP),
N.R., DRM Office, Firozpur.

Date: - 21.03.2026

No.516-M/O/M-I/ Special Drive/25

DEE/OP/FZR

AEE/OP/FZR, AEE/RSO/LDH & AEE/Tr/ASR.

All CCC/ FZR, LDH, JUC & ASR.

All CLIs FZR Divn, CTC/FZR

GREEN NOTICE

Tangra

Sub:-Launch Special Drive "Replacement of signaling gears with Electronic Interlocking (E.I) at Tangra on JUC-ASR section of FZR Division.

Ref:- Letter No. 256-SIG/O-622/W/3EI/TRA/GREEN-NOTICE, dated 20.03.2026.

In reference to the above, the competent authority has permitted replacement of signal gears with Electronic Interlocking (EI) at Tangra (TRA) on JUC-ASR section of Firozpur Division.

Accordingly, it has been decided to **launch a 15-day Special Drive** from **21.03.2026 to 04.04.2026**. During this period, all running staff must be **counseled regarding the operational and safety implications** of the above works at Tangra (TRA) station.

Counsel 100 % staff through under given means.

LP/ALPs Order book.

Display on Lobby.

Display on Notice Board.

All CLIs to allotted/non allotted running staff.

7/21/26

Sr. Divil. Eect.Engineer (OP)
N. Rly; Firozpur

Copy to:- 1. Sr.DEE/RSO/UMB &NDLS for kind information and necessary action please.
2.Sr DEE/Tr/JAT for kind information and necessary action please.

GREEN NOTICE

Office of Dy. CSTE/Works,
Ludhiana.

No:256-SIG/0-622/W/3EI/TRA/GREEN-NOTICE

Dt:

SS/SM: TRA, TI/SWRs/FZR, TI/Plg./FZR, TI/NI, TI/ASR, TI/Safety/FZR, SSE/Sig/ASR, SSE/Elect/ASR, SSE/TRD/ASR, SSE/P-Way/BES, SSE/W/BES, SSE/Sig./W/LDH, SLI/Safety/FZR, SSE/Tele/ASR, SI/RPF/BES, CHC, Chief Controller/FZR

Sr.DSTE/FZR, Sr.DSO/FZR, Sr.DOM/FZR, Sr.DOM/G/FZR, Sr.DEN/C/FZR, Sr.DME/O&F/FZR., DY.CSTE/W/LDH, Sr.DEE/G/FZR, Sr. DEE/TRD/FZR Sr. DEN-III/FZR, Sr.DSC/RPF/FZR, ADSTE/ASR, ASTE/P/LDH, ADEN/ASR, ADEE/TRD/ASR,

Sub: - "Replacement of signaling gears with Electronic Interlocking (E.I) at TANGRA station on JUC-ASR section of FZR division."

1 INTRODUCTION:

- a. The above work will be taken in hand on date and time to be intimated by SSE/Sig/W/LDH and SSE/P.Way/BES at least 72 Hrs in advance.
- b. The exact date & time of interlocking shall be advised by SSE/SIG/W/LDH to TI/ASR.
- c. The duration & details is of Commissioning Block will be as per enclosed day to day programme.

2 SCOPE OF THE WORK

I SIGNALLING WORKS

The following signaling works, as per the approved Signal Interlocking Plan No S-IP-7678 dated 09.03.2026 will be carried out:

INDOOR WORKS: -

- a). Provision of E.I system as per RDSO specifications No. RDSO/SPN/192/2019 Ver 2.0
- b). Provision of new Relay room and its wiring along with the installation of MDF/Relay rack and installation of EI equipments as per approved wiring diagram.
- c). Installation and wiring of Dual VDU in S.M's office.
- d). Provision of data logger & fault diagnostic system.
- e). Provision of Fire Alarm System as per RDSO Specifications.
- f). Installation and wiring of IPS & other power supply equipments.
- g). Provision of fuse failure monitoring system.
- h). Provision of A class protection on E.I building
- i). Provision of ELD.

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OUT DOOR

- a) Trenching, laying & termination of new signaling cables in location boxes/relay room/relay huts/gate duty huts & ASM's office etc.
- b) Provision of main signals, shunt signals, point machines, crank handles & tracks as per approved Signal Interlocking Plan No: S-IP-7678.
- c) Painting & writing of various newly installed signaling gears.
- d) Provision of Ring earth as per Approved RDSO specification.

2. ENGG WORKS TO BE DONE:-

- a). Engineering works will be carried out as per approved ESP of TRA No: NRHQE PLAN No: FZR/01/01-2026/R1 dated 03.03.2026.
- b). Construction of new service building having S.M's VDU, Battery, IPS, Relay and Telecom rooms for central E.I
- c). Insertion of necessary Glued joints/insulation Joints in the yard.

3. TRD WORKS TO BE DONE

All the associated work of TRD to be done

4. MODUS OPERANDI:

- a) As soon as the yard block is permitted by the operating department. All the track circuits, points & signals will be disconnected from the existing relay room.
- b) New signals will be energized; track circuits & point machines will be connected with the new relay room.
- c) Provision of cross markers on old signals & dismantling of signals obstructing the visibility of new signals.
- d) Testing of all gears (signal, tracks & point machines) from new panel.
- e) No train will be allowed to enter in /dispatch from this station during block duration.

5. CAUTION ORDER.

Immediately after the message for the commissioning of Electronic Interlocking work at TRA is presented and accepted, SM on duty at TRA station shall issue message to SMs of adjoining stations, last stopping station and notice stations and section controller for the issue of Look Out caution orders to all the drivers of UP & DN train engines working in the section for observing NEW SIGNALS at new places. This will continue for 90 days. The caution imposing and removing authority will be SSE/Sig/W/LDH.

6. DRIVERS :

All the drivers who work the trains in the section shall note down the following instructions:

- a. "As soon as they receive the caution order, they should observe the NEW SIGNALS at new place mentioned in the caution order.
- b. The drivers shall obey new signals.

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11/03/2026

7. LOCO FOREMAN/LOCO INSPECTORS:

A copy of green notice as well as the message of commissioning of above mentioned work at TRA shall be prominently displayed on the notice board of all diesel sheds, Electric sheds, lobbies and running rooms etc. so that every driver working in the section is fully aware of the speed restriction to be observed by him. CLI/Safety shall also apprise to all drivers about this to the extent possible.

8. SIGNAL SIGHTING COMMITTEE.

Signal sighting committee comprising SSE/SIG/W/LDH, TI/ASR & CLI/Loco/^{ASR}EZR shall inspect all the new signals both during day & night immediately after they are brought in use & issue the necessary sighting certificate.

9. OPERATING STAF:

^{TRA}SS/BFR and TI/ASR shall ensure

- Provision of adequate staff & equipments during the commissioning block
- Sufficient number of pad locks & clamps, hand signal lamps, flags & detonators.
- Staff posted at TRA is fully aware of their duties and their assurances are taken before the commissioning of work at TRA. They will also ensure that the caution orders have been imposed properly.

10. SECURITY STAFF:

Adequate RPF personnel shall be arranged by the Company Commander/RPF/FZR at various locations in the yard to counter theft & pilferage of railway material and damage of railway gears under installation.


11. ELECTRICAL(G):

Electrical department to ensure adequate lighting arrangement in yard during traffic block if required.

12. ENGG STAFF:

- SSE/P.Way/BES will provide temporary Engg signals i.e. caution, speed & T indicators etc. as per para 8/2(ii) of Engg manual.
- SSE/P.Way/BES will depute sufficient staff to execute the work in the time frame. The work will be completed and commissioned as per plans and after carrying out due tests and issue of safety certificate by ASTE/PLDH, ADEE/TRD/ASR & ADEN/ASR.



11/03/2026
Dy.CSTE/W/LDH



19/03/2026.
Sr.DEN-III/FZR


12/3/26
Sr.DEE/OP/FZR


Sr. DEE/G/EZR


20/03/26
Sr.DSTE/FZR


20/03/26
Sr.DOM/FZR


14/3/26
Sr.DSC/RPF/FZ

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Day to day programme for Tangra yard for commissioning of PI to E1 of FZR division							
Day	Day wise activity of			Block Requirement			Movement affected
	Engg. Deptt	S&T	TRD	Engg. Deptt	S&T	TRD	
(D-1) 26.03.2026	Dismantling of points at Chainage 306.10 & 189.97	Track circuiting work on line no.5	Track Bonding Work on line no.5	8 hours	In shadow of Engg block	In shadow of Engg block	No movement on line no.5, 6 & 7 from ASR side till D-1
(D-1) 27.03.2026	Dismantling of points at Chainage 187.20 & 118.60	Track circuiting work on new interlocked yard.	Track Bonding Work on line no.5	8 hours	In shadow of Engg block	In shadow of Engg block	No movement on line no.6 & 7 from ASR side.
(D-2) 28.03.2026	1. Dismantling of trap point at Chainage 247.19 (point no.35a) 2. Linking of crossover at Chainage 174.88 & 303.38. 3. Provision of Stretcher Bars, Gauge Tie Plates on points at chainage 174.88	Provision of point machine at point no.45a (new points)	Track bonding work on new interlocked yard (app 200 metres)	8 hours	In shadow of Engg block	In shadow of Engg block	1. No movement on line no.4 & 5 during block. 2. After block, non signalling movement on line no.5 till commissioning. 3. Non signalling movement for Reception on line no.4 till commissioning. How ever dispatch from line no.4 will be signal movement. 4. Non signal movement from SH-18, SH-20 & SH-11 on line no.4
(D-1) 29.03.2026	Provision of Stretcher Bars, Gauge Tie Plates on points at chainage 387.80 & 24040	Provision of point machine at point no.46 & 47 (new points)	Track bonding work on new interlocked yard (app 200 metres)		In shadow of Engg block	In shadow of Engg block	
(D Day) 30.03.2026	Commissioning with UFSBI & HASSDAC	Testing of gears of loop line no.1	Track Bonding Work at Tangra Yard	—	1 hour traffic block on line no.1	In shadow of S&T block	No movement on loop line no.1 till commissioning.
		Testing of gears of loop line no.4	Track Bonding Work at Tangra Yard	—	1 hour traffic block on line no.4	In shadow of S&T block	No movement on loop line no.4 till commissioning.
		Complete testing of Panel.	Track Bonding Work at Tangra Yard	4 hours Complete Traffic Block			1. During commissioning block yard should be kept free from all vehicles so that final testing.

Shane
Sr.DS/TE/FZR

P. P.
Sr.DEN/III/FZR

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RAM
Sr.DEE/TRD/FZR

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Sr.DS/TE/FZR

27/2/19/18/18
Sr.DOM/FZR
20/3/26

JEET RAM
Sr.DEE/Op/FZR

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Sr.DSC/RPF