



दक्षिण रेलवे/Southern Railway
चेन्नै मंडल/Chennai Division

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प्रेस विज्ञप्ति /PRESS RELEASE

REINFORCING SAFETY AND INCREASING THE SPEED OF TRAINS IN ARAKKONAM -RENIGUNTA SECTION

Indian Railways has enhanced the sectional speed in Golden Quadrilateral-Golden Diagonal (GQ-GD) sections to 130 kmph. Accordingly, Chennai Division proposed to eliminate 19 Nos. of Manned Level Crossings in Arakkonam – Renigunta section falling in the Golden Quadrilateral route. Subways, in lieu of Manned Level Crossings, were planned to be commissioned in these locations at an estimated cost of Rs.40 crores to facilitate increase in sectional speed and ease the movement of road/rail traffic.

In this connection, the work of subway construction was taken up at Level crossing No. 54, (LC54) located between Vepagunta and Puttur stations, connecting Nandimangalam village with the National highway (NH 716). The construction work was carried out in the night hours between 23:00 hrs of 11th August to 04:00 hrs of 12th August 2021 (duration of 5 hours).

Initially the girders which were placed below the tracks were removed. The insertion of concrete boxes below the railway tracks was the major work in the subway construction. But this insertion work of RCC boxes was completed within a duration of 60 minutes with the help of heavy duty cranes. The backfilling and compaction work was completed in next 123 minutes followed by placement of track panels, ballasting and track linking. The entire Limited Use Subway (LUS) construction work was completed in a short span of 5 hours.

Provision of such subways would facilitate uninterrupted passage of the road traffic and thereby ensure safety of the road users, increase the speed of trains besides improving the punctuality indices of trains.

Sd/-

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