

(b) the number of railway stations proposed to be provided with Free Wi-Fi connectivity in next two years; and

(c) whether any MoU has been signed with Department of IT in this regard, if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI MANOJ SINHA): (a) At present Wi-Fi facility is available at 32 stations—viz. Bengaluru (Karnataka), New Delhi (NCT), Chennai Central (Tamil Nadu), CST Mumbai (Maharashtra), Mumbai Central (Maharashtra), Ahmedabad (Gujarat), Agra Cantt. (Uttar Pradesh), Secunderabad (Telangana), Varanasi (U.P.), Howrah (West Bengal), Madgaon (Goa), Ghazipur (U.P.), Kacheguda (Telengana), Visakhapatnam (Andhra Pradesh), Vijayawada (Andhra Pradesh), Patna (Bihar) Pune (Maharashtra), Ernakulam (Kerala), Bhopal (Madhya Pradesh), Ranchi (Jharkhand), Bhubaneswar (Odisha), Raipur (Chhattisgarh), Ujjain (Madhya Pradesh), Guwahati (Assam), Jaipur (Rajasthan), Allahabad (U.P.), Lucknow (U.P.), Lucknow Jn. (U.P.), Gorakhpur (U.P.), Sealdah (West Bengal), Puri (Odisha) and Kalyan (Maharashtra).

(b) Year-wise plan for provision of Wi-Fi in next two year is –

2016-17 = 100 stations

2017-18 = 200 stations

(c) No, Sir.

Railway projects in Tamil Nadu

676. DR. R. LAKSHMANAN: Will the Minister of RAILWAYS be pleased to state:

(a) the details of railway projects, viz., gauge conversion, doubling, electrification, signalling, laying of new routes currently being undertaken in the State of Tamil Nadu, project-wise;

(b) the details of tentative date of their completion, project-wise; and

(c) the details of the project costs, project-wise?

THE MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI MANOJ SINHA): (a) to (c) Details of New Line, Gauge Conversion, Doubling, Electrification and Signaling Projects falling fully/partly in the State of Tamil Nadu are as under:

(₹ in crore)

Sl. No.	Ongoing Project	Cost	Expenditure incurred upto March, 2016	Outlay 2016-17	Target date for completion
1	2	3	4	5	6
New Line					
1.	Tindivanam-Gingee-Tiruvannamalai (70 Km)	490	67.61	10	No target date for completion is fixed.
2.	Tindivanam-Nagari (179.2 Km)	1080	195.75	10	No target date for completion is fixed.
3.	Attipattu-Puttur (88.30 Km)	528	3.07	0.10	No target date for completion is fixed.
4.	Erode-Palani (91.05 Km)	603	1.74	0.01	No target date for completion is fixed.
5.	Madurai-Tuticorin (143.5 Km)	800	4.06	20	No target date for completion is fixed.
6.	Chennai-Cuddalore via Mahabalipuram (179.28 Km)	1200	4.67	5	No target date for completion is fixed.
7.	Bangalore-Satyamangalam (260 Km)	1524	5.79	20	No target date for completion is fixed.
8.	Sriperumbudur-Guduvanchery with Spur to Irungattukottai-Avadi-(60 Km) Sriperumbudur	1500	0.74	0.25	No target date for completion is fixed.
9.	Morappur-Dharmapuri (36 Km)	134	-	0.01	No target date for completion is fixed.
Gauge Conversion					
1.	Madurai-Bodinayakkanur (90.41 Km)	450	20.82	25	No target date for completion is fixed.
2.	Quilon-Tirunelveli-Tiruchendur and Tenkasi-Virudhunagar (357 Km)	1122	921.22	101	308 Km falling in Tamil Nadu and Kerala area commissioned.

1	2	3	4	5	6
					Sengottai-Punalur (49 Km) falling in Kerala area are in advance stage.
3.	Dindigul-Pollachi-Palghat and Podanur-Coimbatore (224.88 Km)	1215	919.31	80	181 Km. Section has already been commissioned. Track linking of balance portion completed.
4.	Mayiladuturai-Tiruvarur-Karaikudi and Tiruturaipundi-Agastiyampalli (224 Km) including restoration of Needamanagalam-Mannargudi and Mannargudi-Pattukottai	1384	470.93	85	Mayiladuturai-Tiruvarur gauge conversion and Needamangalam-Mannargudi new line commissioned. Balance gauge conversion taken up where work on Karaikudi-Pattukottai (73 Km) are in advance stage. No target date for completion of Mannargudi-Pattukottai and Thanjavur-Pattukottai new lines is fixed.
5.	Tiruchchirappalli-Nagore-Karaikal (200 Km) with extension of Nagapattinam-Velankanni-Tiruturaipundi via Tirukuvalai (43 km.)	980	600.15	40	Tiruchchirappalli-Nagore gauge conversion and Nagore-Karaikal and Nagapattinam-Velankanni new lines commissioned. No target date for

1	2	3	4	5	6
					completion of Nagapattinam-Tiruturaipundi new line is fixed.
6.	Cuddalore-Salem via Vriddhachalam (191 km) with Chinnasalem-Kallakurichi new line	377.71	268.64	5	Cuddalore-Salem gauge conversion commissioned. No target date for completion of Chinnasalem-Kallakurichi new line is fixed.
7.	Mysore-Chamarajanagar with extension to Mettupalayam (148 Km)	608	207.78	4.50	Gauge conversion of Mysore-Chamarajanagar falling in Karnataka area has been commissioned. Work on new line extension partly falling in Tamil Nadu area is held up for want of requisite clearances.
Doubling					
1.	Chennai Beach-Korukkupet 3rd line (4.1 Km)	140	7.83	60	Targeted for commissioning during 2016-17.
2.	Chennai Beach-Attipattu 4th line (22.1 Km)	120	57.18	55.10	Attipattu-Ennore (4.3 km) commissioned and Ennore-Korukkupet (12 km) targeted for commissioning during 2016-17.

1	2	3	4	5	6
3.	Chengalpattu-Villupuram (103 Km) including Tambaram-Chengalpattu 3rd line by gauge conversion of existing MG line alongwith electrification (30 Km)	931.98	631.14	50	Chengalpattu-Villupuram (103 Km) commissioned. No target date for completion of Tambaram-Chengalpattu 3rd line is fixed.
4.	Thanjavur-Ponmalai (46.96 Km) with a bye-pass line before Ponnallai (1.13 Km)	490	11.92	158	Bye-pass line commissioned. No target date for completion of Thanjavur-Ponmalai doubling is fixed.
5.	Villupuram-Dindigul with electrification (273 Km)	1281	1236.75	480	Track linking of entire length completed out of which 160 Km commissioned.
6.	Omalur-Mettur Dam with electrification (29.03 Km)	234	12.66	90	No target date for completion is fixed.
7.	Chennai Central-Basin Bridge Junction – 5th and 6th line (2.2 Km)	25	0.1	8.41	No target date for completion is fixed.
8.	Madurai-Maniyachi-Tuticorin (159 Km)	800	..	100	Requisite clearances not received.
9.	Maniyachi-Nagercoil (104 Km)	1700	..	120	Requisite clearances not received.
10.	Trivandrum-Kanniyakumari (85 Km)	900	..	320	Requisite clearances not received.
Railway Electrification					
1.	Erode-Karur-Tiruchchirappalli and	362.23	0.20	16.51	Work has been entrusted to Central

1	2	3	4	5	6
	Salem-Karur-Dindigul (300 RKM)				Organisation for Railway Electrification (CORE) for execution.
2.	Tiruchchirappalli- Nagapattinam-Karaikal Port (153 RKM)	224.11	0.20	20.01	Work has been entrusted to Central Organisation for Railway Electrification (CORE) for execution.

Depending upon the overall availability of resources, the targets for commissioning of Railway Electrification projects are fixed on yearly basis.

Signalling Works Costing ₹ 10 crore and above

1.	Basin Bridge-Ambattur and Ambattur- Pattabiram-Audio frequency track circuits in lieu of conventional DC track circuits	21.21	19.67	0.5	Targeted for completion by July, 2016.
2.	Chennai Division- Replacement of electro mechanical signalling arrangements (1 station) (B-route) and (3 stations) (E-route)	14.14	1	2	Targeted for completion by August, 2017.
3.	Chennai Egmore- Tambaram-Replacement of Existing AFTC on A and B lines by MSDAC in Auto Section of Chennai Egmore (MS)- Tambaram (TBM) Section.	13.64	0	0.01	Targeted for completion by March, 2018.

1	2	3	4	5	6
4.	Doddampatti, Lokur and Tinnappatti-Replacement of panel interlocking arrangements with electronic interlocking (B-route)	12.88	0	0.25	Targeted for completion by March, 2018.
5.	Ennore-Gummidipundi-Replacement of conventional DC track circuit by audio frequency track circuit including replacement of signalling cables (32 km)	11.53	9.58	3	Targeted for completion by December, 2016.
6.	Jolarpettai-Replacement of route relay interlocking and A, B and C cabins	15.43	0	1	Targeted for completion by September, 2017.
7.	Mankara, Mannanur, Ottappalam, Parli and Lakkiti-Replacement of panel interlocking arrangement by route setting type panel interlocking (B-route)	16.37	8.05	4	Targeted for completion by December 2016.
8.	Salem Division-Replacement of signalling gears by route setting type panel interlocking (6 stations) (D-route)	16.09	9.24	4	Targeted for completion by December, 2016.
9.	Southern Railway-Integrated Power Supply (131 left over stations)	16.72	0.29	3	Targeted for completion by March, 2017.
10.	Velliyana, Palaiyam and Eriodu-Replacement of	12.63	0	0.25	Targeted for completion by

1	2	3	4	5	6
	panel interlocking with electronic interlocking (D-route)				March, 2018.
11.	Basin Bridge In-Arakkonam (Slow Line)-Train Protection Warning System (TPWS) on high density network route	30.81	17.94	5	Targeted for completion by December, 2016.
12.	Chennai Beach-Tambaram-Chengalpattu-Train protection and warning system (60 RKM)	63.39	0	1	Targeted for completion by December, 2018.
13.	Chennai Beach-Villupuram, Arakkonam-Jolarpettai and Chennai-Gudur-Backup Power Supply for Auto sections	18.99	0.01	2	Targeted for completion by March, 2017.

Railway stations under encroachment

†677. SHRI HARIVANSH: Will the Minister of RAILWAYS be pleased to state:

(a) whether it is a fact that the main railway stations of the capital of the country viz., Delhi, Nizamuddin etc., are under encroachment;

(b) if so, the steps taken by Government to do away with this encroachment; and

(c) the number of such railway stations in the country which are under encroachment, the details thereof ?

THE MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI MANOJ SINHA): (a) to (c) The encroachments are in the approaches of the Stations in big cities and Metro including Capital of the country and stations are generally not encroached. For these encroachments, Railways carry out regular surveys and take action for their removal. If the encroachments are of temporary nature (soft encroachment) in the shape of jhuggies, jhopries and squatters, the same is got removed in consultation and with the assistance of Railway Protection Force and Local Civil Authorities. For

† Original notice of the question was received in Hindi.