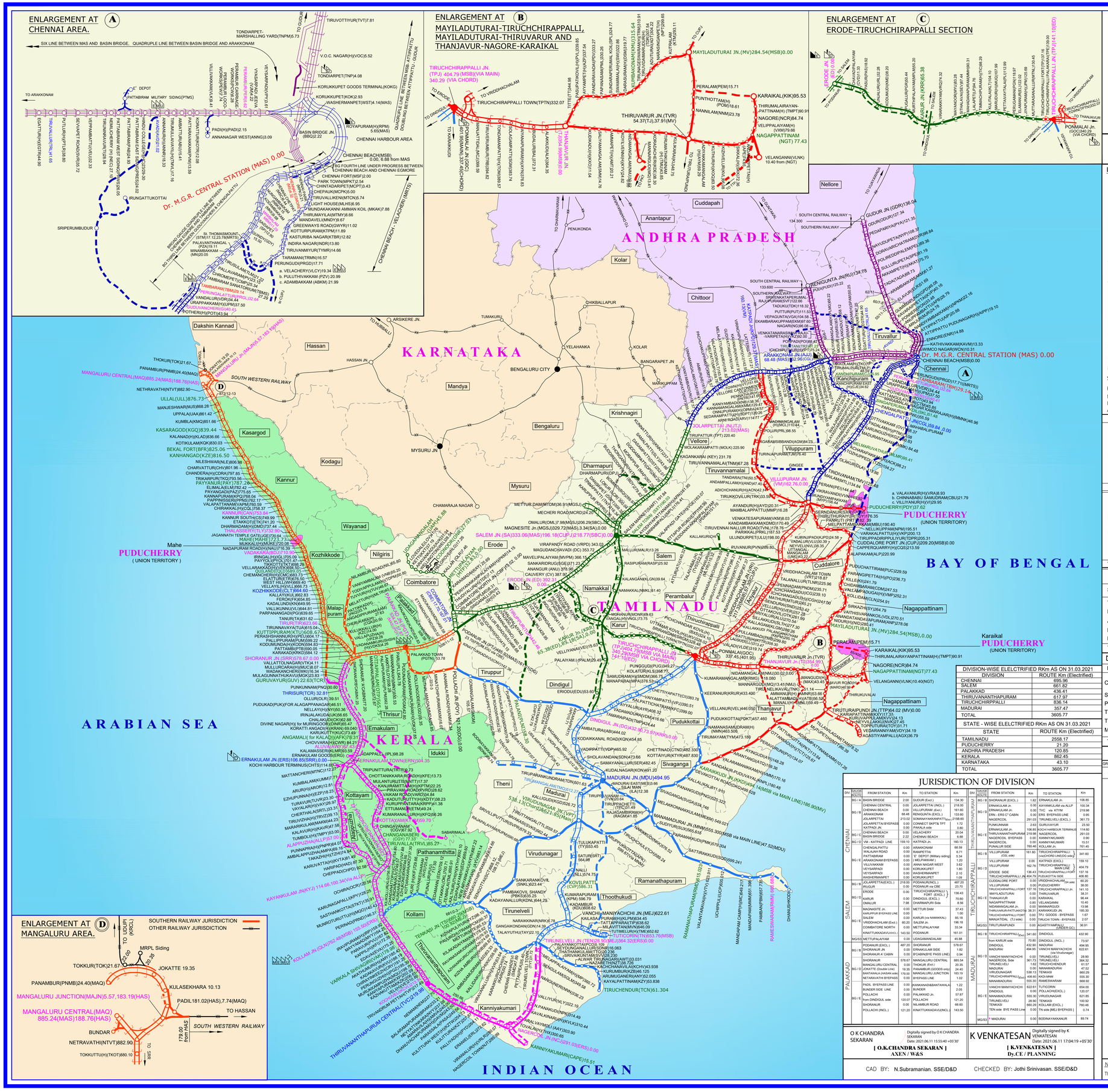

दक्षिण रेलवे

SOUTHERN RAILWAY

प्रणाली मानचित्र

SYSTEM MAP

01-04-2021 तक संशोधित AS ON 01-04-2021

km 0 10 20 30 40 50 100 150 km

LEGEND

- BROAD GAUGE SINGLE LINE SHOWN THUS
- BROAD GAUGE NEW LINE UNDER CONSTRUCTION SHOWN THUS
- BROAD GAUGE DOUBLE LINE SHOWN THUS
- BROAD GAUGE MULTIPLE LINE SHOWN THUS
- METRE GAUGE SINGLE LINE SHOWN THUS
- BROAD GAUGE & METRE GAUGE MIXED LINE SHOWN THUS
- BROAD GAUGE DOUBLING UNDER CONSTRUCTION SHOWN THUS
- UNDER CONVERSION METRE GAUGE TO BROAD GAUGE SHOWN THUS
- STATE BOUNDARIES SHOWN THUS
- DISTRICT BOUNDARIES SHOWN THUS
- OTHER RAILWAYS SHOWN THUS
- ELECTRIFIED LINES SHOWN THUS
- NAME OF CIVIL DISTRICT SHOWN THUS — Virudunagar
- DIVISIONAL HEAD QUARTER
- RAILWAY HEAD QUARTER
- DIESEL SHEDS (@ ERODE, PONMALAI, ERNAKULAM, TONDIARPET)
- ELECTRICAL LOCO SHEDS (@ ERODE, ARAKKONAM, ROYAPURAM)
- E.M.U. CAR SHEDS (@ AVADI, TAMBARAM, VELACHERY)
- MEMU SHEDS (@ PALAKKAD, KOLLAM JN.)
- STEAM LOCO SHED (@ COONOOR).
- HIGH DENSITY NETWORK (HDN) ROUTE SHOWN THUS

NSG1 CATEGORY STATIONS SHOWN IN RED
NSG2 CATEGORY STATIONS SHOWN IN BLUE
NSG3 CATEGORY STATIONS SHOWN IN MAGENTA
NSG4 CATEGORY STATIONS SHOWN IN GREEN
ALL OTHER CATEGORY STATIONS ARE SHOWN IN BLACK

	GROUP	B.G	M.G	TOTAL
ROUTE KILOMETRES	A	134	-	134
	B	1217	-	1217
	C	24	-	24
	D	2058	-	2058
	E	1482	-	1482
	Q	0	0	0
	R1	-	0	0
	R2	-	0	0
	R3	-	0	0
	S1	-	0	0
	S2	-	0	0
	S3	-	172	172
TOTAL		4915	172	5087

	GROUP	B.G	M.G	TOTAL
RUNNING TRACK KILOMETRES	A	305	-	305
	B	2645	-	2645
	C	54	-	54
	D	2838	-	2838
	E	1536	-	1536
	Q	0	0	0
	R1	-	0	0
	R2	-	0	0
	R3	-	0	0
	S1	-	0	0
	S2	-	0	0
	S3	-	172	172
TOTAL		7378	172	7550

STATEWISE KILOMETRES		ROUTE km			RUNNING TRACK km		
STATE	BACK GROUND COLOUR	B.G	M.G	TOTAL	B.G	M.G	TOTAL
TAMIL NADU		3680	172	3852	5281	172	5453
PUDUCHERRY		21	0	21	23	0	23
ANDHRA PRADESH		121	0	121	247	0	247
KERALA		1047	0	1047	1747	0	1747
KARNATAKA		46	0	46	80	0	80
TOTAL		4915	172	5087	7378	172	7550

DIVISION WISE ELECTRIFIED KMS		ROUTE km			RUNNING TRACK km		
DIVISION	COLOUR	B.G	M.G	TOTAL	B.G	M.G	TOTAL
CHENNAI (NORMAL ROUTE)		700	0	700	1577	0	1577
CHENNAI (HDN ROUTE (BG-267 Km))							
SALEM		811	45	856	1132	45	1177
PALAKKAD		581	0	581	1004	0	1004
THIRUVANANTHAPURAM		627	0	627	962	0	962
TIRUCHCHIRAPPALLI		991	37	1028	1222	37	1259
MADURAI		1205	90	1295	1481	90	1571
TOTAL		4915	172	5087	7378	172	7550

DIVISION-WISE ELECTRIFIED RKm AS ON 31.03.2021	
DIVISION	ROUTE Km (Electrified)
CHENNAI	695.96
SALEM	661.82
PALAKKAD	436.41
THIRUVANANTHAPURAM	617.97
TIRUCHCHIRPPALLI	836.14
MADURAI	357.47
TOTAL	3605.77

STATE - WISE ELECTRIFIED RKm AS ON 31.03.2021	
STATE	ROUTE Km (Electrified)
TAMILNADU	2558.17
PUDUCHERRY	21.20
ANDHRA PRADESH	120.85
KERALA	862.45
KARNATAKA	43.10
TOTAL	3605.77

SECTIONS GROUPWISE ROUTE KILOMETRES (BG)

GROUP	SECTION	Km
A	BASIN BRIDGE- GUDUR (EXCL) (HDN Route)	133.56
	TOTAL	133.56
B	CHENNAI CENTRAL - ARAKKONAM (HDN Route)	68.48
	ARAKKONAM - RENIGUNTA (EXCL) (HDN Route)	65.12
	ARAKKONAM - JOLARPETTAI	144.54
	CHENNAI BEACH - TBM - TIRUCHCHIRAPPALLI - DINDIGUL	434.79
	(JOLARPETTAI - SOMANAYAKKANPATTI (Excl))	4.00
	JOLARPETTAI BYEPASS CONNECTING SKPT & TPT	1.72
	KATPADI - PALAKKAD	0.80
	JOLARPETTAI - ERODE	179.29
	ERODE - IRUGUR	82.84
	IRUGUR - PODANUR	10.77
	IRUGUR - COIMBATORE - PODANUR	23.70
	PODANUR - SHORANUR	60.50
	SHORANUR A' CABIN - B' CABIN BYEPASS LINE	0.94
	SHORANUR- ERNAKULAM	166.85
	TOTAL	1217.08
C	CHENNAI BEACH - VELACHERY	33.34
	BASIN BRIDGE - WASHERMANPET - CHENNAI BEACH	4.66
	TOTAL	24.00
D	ERODE - KARUR - TIRUCHCHIRAPPALLI FORT	137.16
	KARUR - DINDIGUL - MADURAI	139.72
	MADURAI - VIRUDUNAGAR - VANCHI MANIYACHCHI	122.60
	ERNAKULAM - ALAPPUZHA - KAYANKULAM	100.34
	ERNAKULAM - THIRUVANANTHAPURAM CENTRAL	219.88
	ERN - ERS "C" CABIN (ERS BYEPASS LINE)	0.95
	ERNAKULAM - SHORANUR - CENTRAL	306.57
	MANGALURU CENTRAL - THOKUR	20.32
	JOKATTE - KULASEKHARA	19.35
	VILLUPURAM - KATPADI Jn	160.13
	VILLUPURAM - MAYILADUTHURAI	121.78
	MAYILADUTHURAI - KUMBAKONAM	31.10
	KUMBAKONAM - THANJAVUR	39.35
	THANJAVUR - TIRUCHCHIRAPPALLI	46.96
	NAGERCOIL - TIRUNELVELI Jn	73.29
	VANCHI MANIYACHCHI - TIRUNELVELI Jn.	28.90
	TIRUNELVELI- TIRUCHENDUR	59.68
	TIRUCHCHIRAPPALLI Jn - MANAKKARAI	150.51
	VIRUDUNAGAR - TENKASI	122.16
	MADURA - MANAMADURA	47.52
	MANAMADURAI - RAMESWARAM	113.39
	HASSAN (BANTAVALA) - MANGALURU JUNCTION	4.19
	NETRAVATHI BYEPASS	1.02
	OMALUR - BIXIYAPPANAHALLI	0.58
	TOTAL	2057.34

NSG ROUTE	SECTION	Km
1	CHENNAI- GUDUR (Excl) (HDN Route)	134
2	CHENNAI -ARAKKONAM-RENIGUNTA(Excl)(HDN Route)	133
	PROJECT COMMISSIONED & YET TO BE AUTHORISED FOR PASSENGER TRAFFIC	
	ATTIPATTU-PUDUPALAYAM - 3 rd & 4th LINE (RUNNING Km)	6

SECTIONS GROUPWISE ROUTE KILOMETRES (MG)

GROUP	SECTION	Km
S3	METTUPALAYAM - UDAGAMANDALAM (Nilgiri Mountain Rly)	45.88
	MADURAI - BODINAYAKKANUR (UNDER G.C.)	89.74
	TIRUTURAIPUNDI - AGASTIYAMPALLI (UNDER G.C.)	36.79
	TOTAL	172.41
	MG UNDER GAUGE CONVERSION	68.30

JURISDICTION OF DIVISION

DIV	BAUG ROUTE	FROM STATION	Km	TO STATION	Km
CHENNAI	BG / A	BASIN BRIDGE	2.00	GUDUR (Excl)	134.30
	BG / B	CHENNAI CENTRAL	0.00	JOLARPETTAI (INCL)	218.00
		CHENNAI BEACH	0.00	VILLUPURAM (Excl)	161.60
		ARAKKONAM	48.00	RENIGUNTA (EXCL)	133.60
		JOLARPETTAI	202.00	SOMANAYAKKANPATTI(Excl)	208.00
		JOLARPETTAI BYEPASS	0.00	CONNECT SKPT& TPT	1.72
		KATPADI Jn	0.00	PAKKALA side	0.80
		CHENNAI BEACH	0.00	VELACHERY	20.04
		CHENNAI BRIDGE	2.22	CHENNAI BEACH	6.88
	BG / D	VM - KATPADI LINE	159.10	KATPADI Jn.	160.13
		CHENGALPATTU	0.00	ARAKKONAM	68.09
		VILLUPURAM ROAD	0.00	RAMPETTA	6.71
		PATTABIRAM	0.00	E' DEPOT (Military siding)	5.34
		ARAKKONAM BYEPASS	1.20	(MD.PAKKAM)	1.20
		VILLIVAKKAM	0.00	ANNA NAGAR WEST	3.62
		VEYSARPADI	0.00	KORUKKUPET	1.80
		WASHERMANPET	0.00	WASHERMANPET	2.10
		WASHERMANPET	0.00	PERUMBUR	1.09
	BG / PL	JOLARPETTAI(EXCL.)	202.00	PODANUR(INCL.)	457.20
		IRUGUR	0.00	CHENNAI via CBE	23.70
		ERODE	0.00	TIRUCHCHIRAPPALLI FORT (EXCL.)	136.43
	BG / PL	KARUR	0.00	DINDIGUL (EXCL.)	70.80
		ERNAKULAM	0.00	SHORANUR	7.98
		MAGNASITE Jn.	0.00	METTUR DAM	37.43
		AAKIPURAM BYEPASS LINE	0.00		1.00
		SALEM	0.00	KARUR (via NAMAKKAL)	85.18
		VADAKARA(BEJ)(FTB)	0.00	SALEM Jn.	196.18
		COIMBATORE	0.00	TIRUPPUR	33.34
		KINATTUKKADAVU(KNU)	143.50	PODANUR	161.01
	MG/SG	METTUPALAYAM	0.00	UDAGAMANDALAM	45.88
PALAKKAD	BG / A	PODANUR (EXCL.)	487.20	SHORANUR	578.07
		SHORANUR Jn	0.00	ERNAKULAM SIDE	1.82
		ZOATTE (Double Line)	0.00	B'CABIN(FIFE PASS LINE)	0.94
		SHORANUR	578.07	MANGALURU CENTRAL	885.54
		MANGALURU CENTRAL	0.00	THOKUR (EHV)	20.35
		ZOATTE (Double Line)	18.50	PANAMBUR (GOODS only)	24.40
		BANTAWALA (HASAN side)	179.00	MANGALURU JUNCTION	183.19
		NETARAVATHI BYEPASS	0.00	BYEPASS LINE	1.02
		PADIL BYEPASS LINE	0.00	KANKANADI&BANTAWALA	1.22
		BUNDER SIDE LINE	0.00	BUNDER	2.05
		POLLACHI	0.00	PALAKKAD Jn.	57.87
		from DINDIGUL side	120.07	POLLACHI	121.20
		SHORANUR	0.00	NILAMBUR ROAD	66.60
		POLLACHI (INCL.)	121.20	KINATTUKKADAVU(INCL)	143.50
THIRUVANANTHAPURAM	BG / A	SHORANUR (EXCL.)	1.82	ERNAKULAM Jn.	106.85
		ERNAKULAM Jn.	0.00	KAYANKULAM via ALP	100.34
		ERNAKULAM Jn.	0.00	TVC via KTYM	219.98
		ERN - ERS C" CABIN	0.00	ERS BYEPASS LINE	0.95
		NAGERCOIL	291.03	TIRUNELVELI (EXCL.)	361.73
		PUNKUNNAM	2.63	GURUVAYUR	23.52
		ERNAKULAM Jn.	106.85	KOCH HARBOUR TERMINUS	114.60
	BG / B	THIRUVANANTHAPURAM	219.98	NAGERCOIL	291.03
		NAGERCOIL BYEPASS	0.00	KANNIYAKUMARI	0.90
		NAGERCOIL	0.00	KANNIYAKUMARI	15.51
		PUNALUR SIDE	760.46	KOLLAM Jn.	761.45
	BG / B	VILLUPURAM	161.60	TIRUCHCHIRAPPALLI (via(CHOR) LINE(DG side))	349.60
		VILLUPURAM	0.00	KATPADI (EXCL.)	159.10
		VILLUPURAM	162.76	TIRUCHCHIRAPPALLI (MAIN LINE)	404.79
		ERODE SIDE	136.43	TIRUCHCHIRAPPALLI FORT	137.16
		TIRUCHCHIRAPPALLI Jn	404.79	TIRUCHCHIRAPPALLI FORT	406.85
		CUDDALORE PORT	0.00	VIRIDDACHALAM Jn. (via Jn side)	60.20
		VILLUPURAM	0.00	PUDUCHERRY	38.00
		TIRUCHCHIRAPPALLI FORT	137.16	TIRUCHCHIRAPPALLI Jn	141.10
		MAYILADUTHURAI	0.00	THIRUVARUR	38.31
	BG / B	THANJAVUR	0.00	KARAIKAL	98.44
		NAGAPPATTINAM	0.00	VELANGANNI	10.40
		NIDAMANGALAM(NM)	0.00	MANNARGUDI	13.98
		THIRUVARUR-TIRUTHURAIPOONDI	38.31	KARAIKAL(KIK)	185.30
		TIRUCHCHIRAPPALLI FORT	0.00	TPJ GOODS - BYEPASS	1.67
		SALEM	0.00	TIRUNELVELI - BYEPASS	2.07
		VIRUDDACHALAM (Jn)	0.00	AGASTIYAMPALLI (UNDER GC)	36.91
	BG / B	TIRUCHCHIRAPPALLI	341.60	DINDIGUL	432.90
		from KARUR side	70.80	DINDIGUL (INCL.)	73.97
		DINDIGUL	432.90	VANCHI MANIYACHCHI	494.98
		MADURAI	494.95	VANCHI MANIYACHCHI (via Virudunagar)	622.61
	BG / D	VANCHI MANIYACHCHI	0.00	TIRUNELVELI	28.90
		NAGERCOIL SIDE - ATTIPATTU	0.00	TIRUNELVELI	364.32
		TIRUNELVELI	1.62	TIRUCHENDUR	61.57
		MADURA	0.00	MANAMADURA	47.52
		VIRUDUNAGAR	336.13	TENKASI	660.29
		TIRUCHCHIRAPPALLI	406.80	KADAVUR	555.30
		MANAMADURA	555.30	RAMESWARAM	668.92
		VANCHI MANIYACHCHI	622.61	TUTICORIN	654.00
		DINDIGUL	0.00	POLLACHI(EXCL.)	121.20
		MANAMADURA	555.30	VIRUDUNAGAR	621.85
		TIRUNELVELI	28.90	TENKASI	100.92
		TENKASI	660.29	KOLLAM (EXCL.)	780.46
		TEN side BYE PASS Line	0.00	TN side [MEJ BYEPASS]	0.74
	MG/SG	* MADURAI	0.00	BODINAYAKKANUR	89.74

O K CHANDRA SEKARAN — Digitally signed by O K CHANDRA SEKARAN, Date: 2021.06.11 15:50:40 +05'30' — [O.K.CHANDRA SEKARAN] AXE/N / W&S

K VENKATESAN — Digitally signed by K VENKATESAN, Date: 2021.06.11 17:04:19 +05'30' — [K.VENKATESAN] Dy.CE / PLANNING

CAD BY: N.Subramanian. SSE/D&D — CHECKED BY: Jothi Srinivasan. SSE/D&D

+ MDU - ADPT GC Completed and CRS sanction obtained but not commissioned
ADPT - BDNK Under GAUGE CONVERSION

AQUEEL AHMAD — Digitally signed by AQUEEL AHMAD, Date: 2021.06.11 20:37:51 +05'30'

(AQUEEL AHMAD)
Chief Engineer / Planning & Development

NOTE
THIS DRAWING CANCELS THE PREVIOUS DRAWING.No.SM/2020

CEO DRG No.SM/2021
CASE No W.185/III/VOL-XV