

SOUTH CENTRAL RAILWAY
SIGNAL & TELECOMMUNICATIONS
GUNTAKAL DIVISION

DATE OF SURVEY DONE:

03-03-2023



OFC + QUAD UNDER GROUND
CABLE ROUTE DIAGRAM
BET : TADIPATI - GOOTY

LEGEND

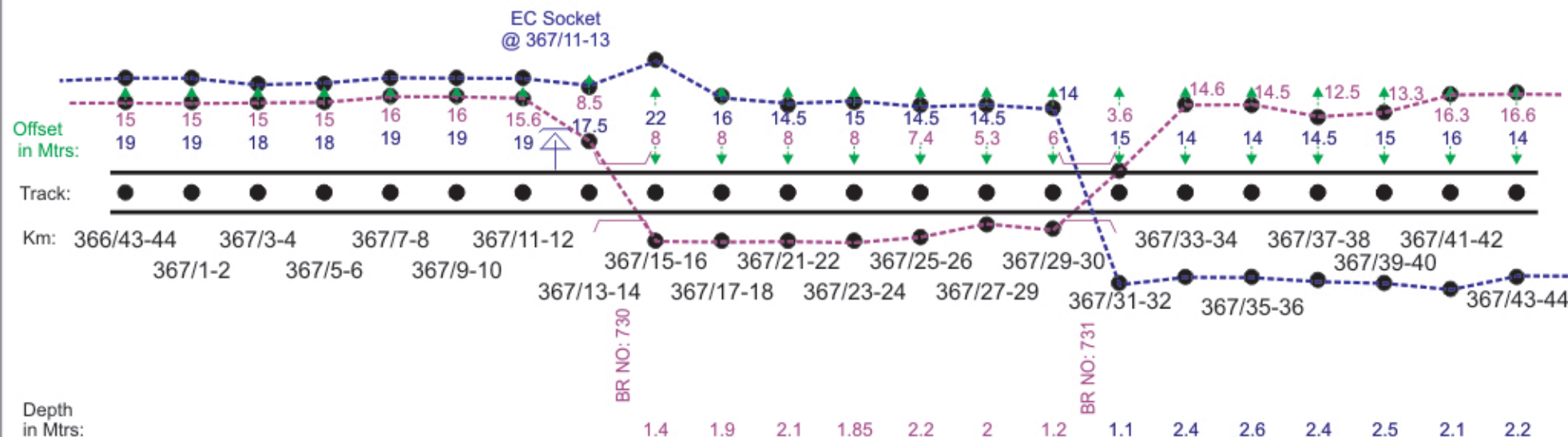
	POWER CABLE CROSSING
	MLC
	UMLC
	ILC
	OUT OF BOUNDARY
	OCCUPIED BY FORMER INSIDE BOUNDARY

	TRACK (Double Line)
	TRACK (Single Line)
	ROB
	GIRDER BRIDGE
	CONCRETE BRIDGE
	EC SOCKET

	OFC
	'6' QUAD
	'4' QUAD
	'6' QUAD + '4' QUAD
	OFC + '6' QUAD
	OFC + '4' QUAD

UP LINE

Depth in Mtrs: 1.65 2.1 2 1.8 2.2 2.4 2.3 2.2 2.1 1.8 1.6 1.5 2.1 1.8 1.8 2.5 2.4 2.2 2.3 2.2 2.4 2.6



← TADIPATI
DOWN LINE

KOMALI →

NOTE :- MEASUREMENT IN METERS FROM CENTER LINE OF THE TRACK.

	DRAWN	SIGNAL & TELECOMMUNICATIONS	
 05/03/23	SSE/TELE	OFC + QUAD UNDER GROUND CABLE ROUTE DIAGRAM BET : TADIPATI - GOOTY	
 03/03/23	ADSTE		
		SHEET	SHEETS
		02	46

LEGEND

	POWER CABLE CROSSING
	MLC
	UMLC
	ILC
	OUT OF BOUNDRY
	OCCUPIED BY FORMER INSIDE BOUNDRY

	TRACK (Double Line)
	TRACK (Single Line)
	ROB
	GIRDER BRIDGE
	CONCRETE BRIDGE
	EC SOCKET

-----	OFC
-----	'6' QUAD
-----	'4' QUAD
-----	'6' QUAD+ '4' QUAD
-----	OFC+ '6' QUAD
-----	OFC+ '4' QUAD

UP LINE

Depth in Mtrs: 2.6 2.3 2.1 2.2 2.1 2.2 2.3 2.2 2.35 2.4 2.2 0.7 0.7 0.7 0.7 0.7 0.7

Offset in Mtrs: 16.6 15.5 8 16 16 16 15 15.4 15 14 12.8 6 4 5 5 4 5

Track: 14 15 14 12 14.5 22 28 25 24 22 25 7 4 4 4 4 18 16

Km: 367/43-44 368/3-4 368/5-6 368/7-8 368/9-10 368/11-12 368/13-14 368/15-16 368/17-18 368/19-20 368/21-22 368/23-24 368/25-26 368/27-29 368/29-30 368/31-32

Depth in Mtrs: 2.2 1.8 1.7 1.9 1.4 1.6 1.4 1.8 1.7 1.6 1.8 1.4 0.7 0.7 0.7 1.8 1.6

← TADIPATI → KOMALI

DOWN LINE

	DRAWN	SIGNAL & TELECOMMUNICATIONS	
	SSE/TELE	OFC + QUAD UNDER GROUND CABLE ROUTE DIAGRAM BET : TADIPATI - GOOTY	
	ADSTE		
		SHEET	SHEETS
		03	46

NOTE :- MEASUREMENT IN METERS FROM CENTER LINE OF THE TRACK.

LEGEND

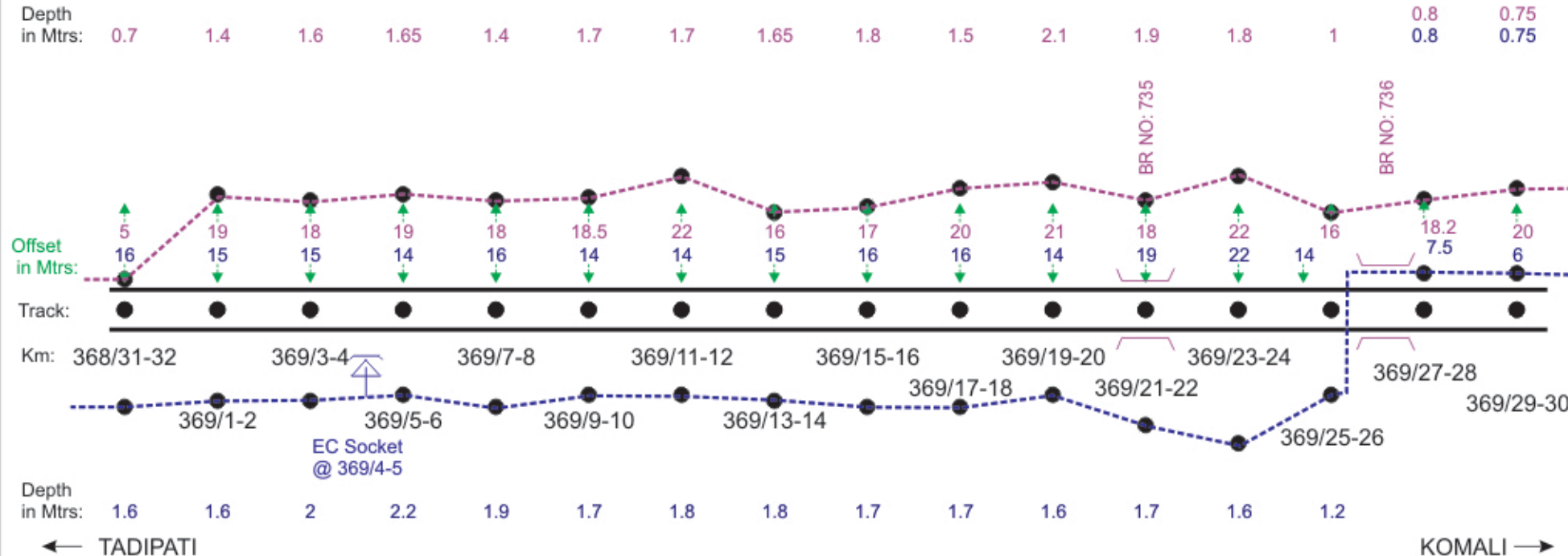
	POWER CABLE CROSSING
	MLC
	UMLC
	ILC
	OUT OF BOUNDRY
	OCCUPIED BY FORMER INSIDE BOUNDRY

	TRACK (Double Line)
	TRACK (Single Line)
	ROB
	GIRDER BRIDGE
	CONCRETE BRIDGE
	EC SOCKET

-----	OFC
-----	'6' QUAD
-----	'4' QUAD
-----	'6' QUAD+ '4' QUAD
-----	OFC+ '6' QUAD
-----	OFC+ '4' QUAD

UP LINE

Depth
in Mtrs:



DOWN LINE

NOTE :- MEASUREMENT IN METERS FROM CENTER LINE OF THE TRACK.

	DRAWN	SIGNAL & TELECOMMUNICATIONS	
 03/03/23	SSE/TELE	OFC + QUAD UNDER GROUND CABLE ROUTE DIAGRAM BET : TADIPATI - GOOTY	
 03-03-23	ADSTE		
		SHEET	SHEETS
		04	46

LEGEND

	POWER CABLE CROSSING
	MLC
	UMLC
	ILC
	OUT OF BOUNDARY
	OCCUPIED BY FORMER INSIDE BOUNDRY

	TRACK (Double Line)
	TRACK (Single Line)
	ROB
	GIRDER BRIDGE
	CONCRETE BRIDGE
	EC SOCKET

-----	OFC
-----	'6' QUAD
-----	'4' QUAD
-----	'6' QUAD+ '4' QUAD
-----	OFC+ '6' QUAD
-----	OFC+ '4' QUAD

UP LINE

The diagram shows a geological track with various data points. The top row lists 'Depth in Mtrs' values: 0.75, 0.8, 0.8, 0.7, 0.7, 1.2, 1.25, 1.5, 1.5, 1.8, 1.65, 1.6, 1.7, 1.65, 1.8, 1.75. The bottom row lists 'Km' values: 369/29-30, 370/1-2, 370/3-4, 370/5-6, 370/7-8, 370/9-10, 370/11-12, 370/13-14, 370/15-16, 370/17-18, 370/19-20, 370/21-22, 370/23-24, 370/25-26, 370/27-28, 370/29-30. A dashed blue line represents the track profile, with black dots at each station. A dashed red line represents the offset profile, with green triangles at each station. The offset values are: 20, 22, 14, 13.5, 18, 16.5, 18, 15, 18, 15, 15, 16, 15, 16, 14, 16. The track values are: 6, 5, 4, 4, 6, 22, 23, 22, 25, 24, 25, 24, 25, 25, 25, 26. A bracket highlights the 370/5-6 and 370/7-8 stations.

Station	Depth (m)	Offset (m)	Track (m)
369/29-30	0.75	20	6
370/1-2	0.8	22	5
370/3-4	0.8	14	4
370/5-6	0.7	13.5	4
370/7-8	0.7	18	6
370/9-10	1.2	16.5	22
370/11-12	1.25	18	23
370/13-14	1.5	15	22
370/15-16	1.5	18	25
370/17-18	1.8	15	24
370/19-20	1.65	15	25
370/21-22	1.6	16	24
370/23-24	1.7	15	25
370/25-26	1.65	16	25
370/27-28	1.8	14	25
370/29-30	1.75	16	26

BR NO: 737

← TADIPATI

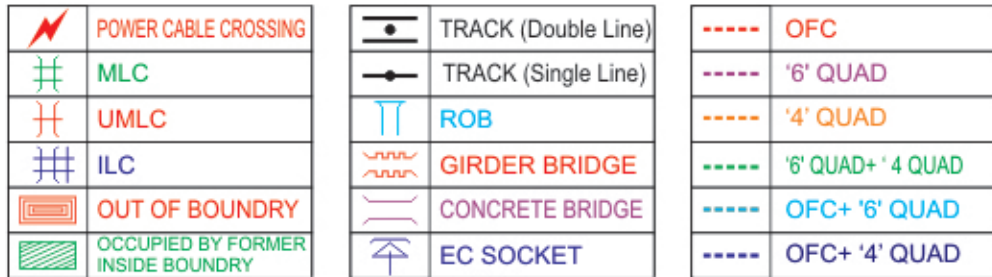
KOMALI →

DOWN LINE

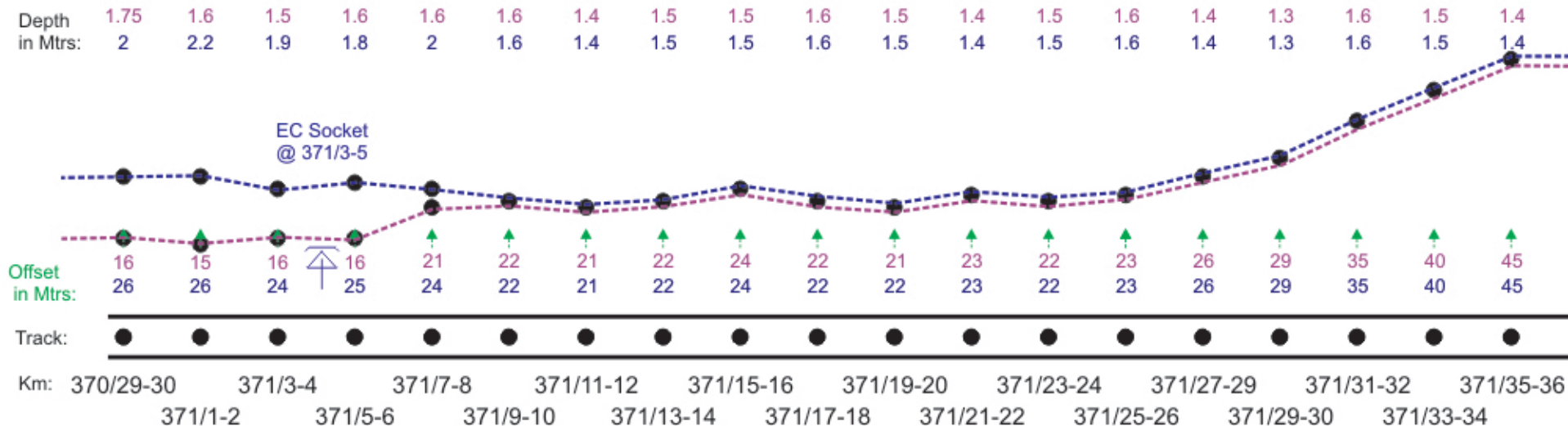
	DRAWN	SIGNAL & TELECOMMUNICATIONS	
	SSE/TELE	OFC + QUAD UNDER GROUND CABLE ROUTE DIAGRAM BET : TADIPATI - GOOTY	
	ADSTE		
		SHEET	SHEETS
		05	46

NOTE :- MEASUREMENT IN METERS FROM CENTER LINE OF THE TRACK.

LEGEND



UP LINE



← TADIPATI

KOMALI →

DOWN LINE

NOTE :- MEASUREMENT IN METERS FROM CENTER LINE OF THE TRACK.

	DRAWN	SIGNAL & TELECOMMUNICATIONS	
 03/03/23	SSE/TELE	OFC + QUAD UNDER GROUND	
 03-03-23	ADSTE	CABLE ROUTE DIAGRAM BET : TADIPATI - GOOTY	
		SHEET	SHEETS
		06	46