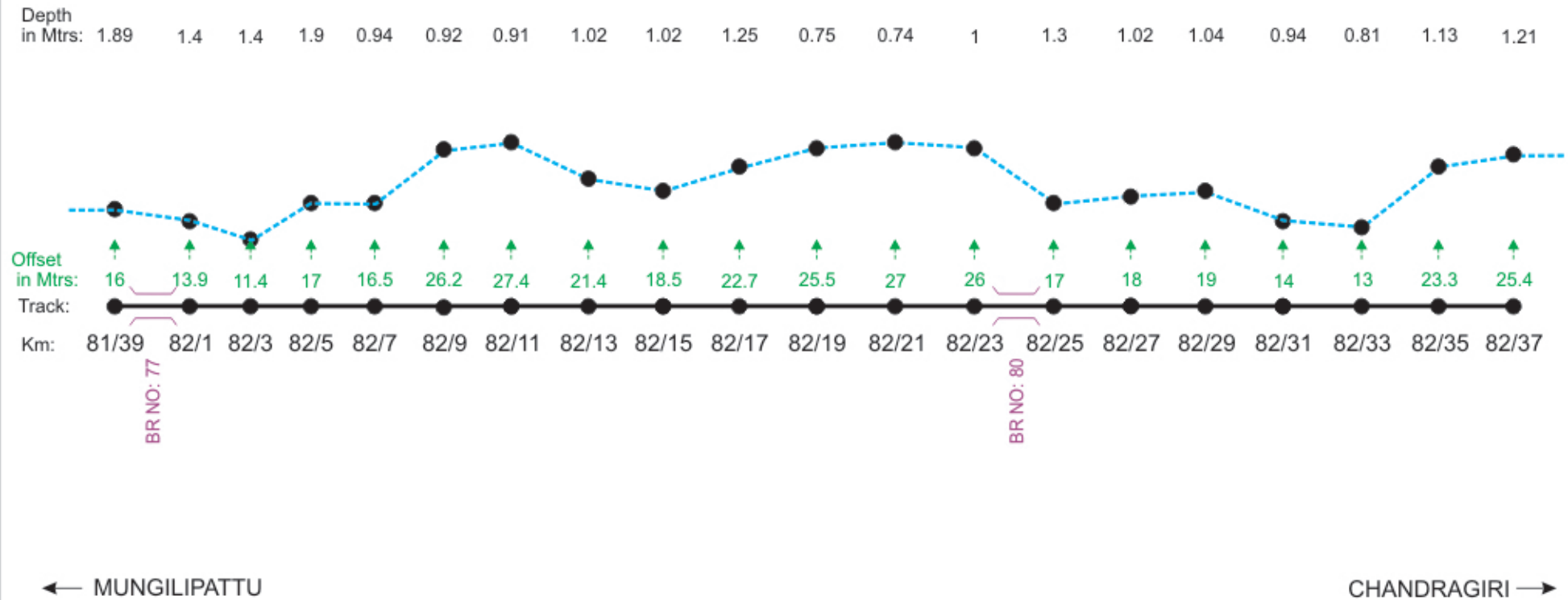


# LEGEND

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

|  |                     |
|--|---------------------|
|  | TRACK (Double Line) |
|  | ROB                 |
|  | CULVERT             |
|  | GIRDER BRIDGE       |
|  | CONCRETE BRIDGE     |
|  | EC SOCKET           |

|  |                     |
|--|---------------------|
|  | TRACK (Single Line) |
|  | OFC                 |
|  | OFC + '4' QUAD      |
|  | OFC + '6' QUAD      |
|  | 6/4 QUAD            |
|  | SIGNAL CABLE        |



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

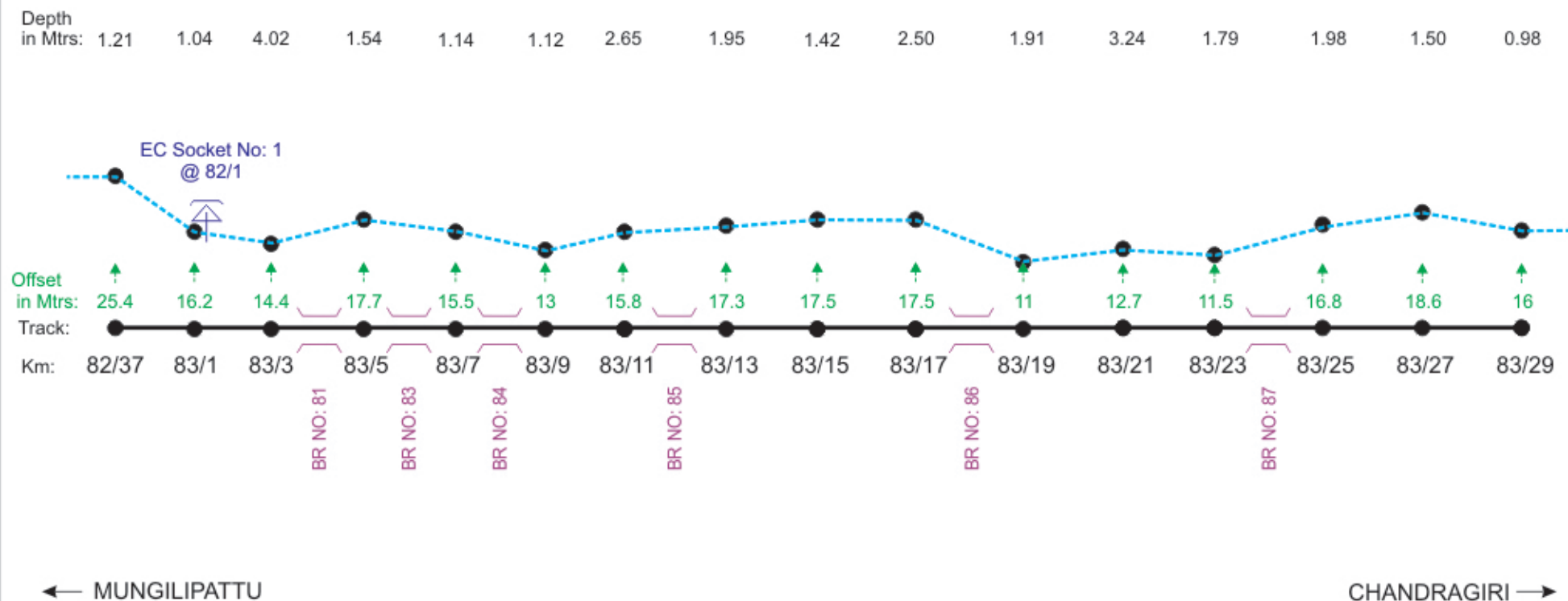
|  |          |                                                                            |        |
|--|----------|----------------------------------------------------------------------------|--------|
|  | DRAWN    | SIGNAL & TELECOMMUNICATIONS                                                |        |
|  | JE/TELE  | OFC + QUAD UNDER GROUND<br>CABLE ROUTE DIAGRAM<br>BET : KATPADI - TIRUPATI |        |
|  | SSE/TELE |                                                                            |        |
|  | ADSTE    |                                                                            |        |
|  |          | SHEET                                                                      | SHEETS |
|  |          | 83                                                                         | 104    |

# LEGEND

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

|  |                     |
|--|---------------------|
|  | TRACK (Double Line) |
|  | ROB                 |
|  | CULVERT             |
|  | GIRDER BRIDGE       |
|  | CONCRETE BRIDGE     |
|  | EC SOCKET           |

|  |                     |
|--|---------------------|
|  | TRACK (Single Line) |
|  | OFC                 |
|  | OFC + '4' QUAD      |
|  | OFC + '6' QUAD      |
|  | 6/4 QUAD            |
|  | SIGNAL CABLE        |



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

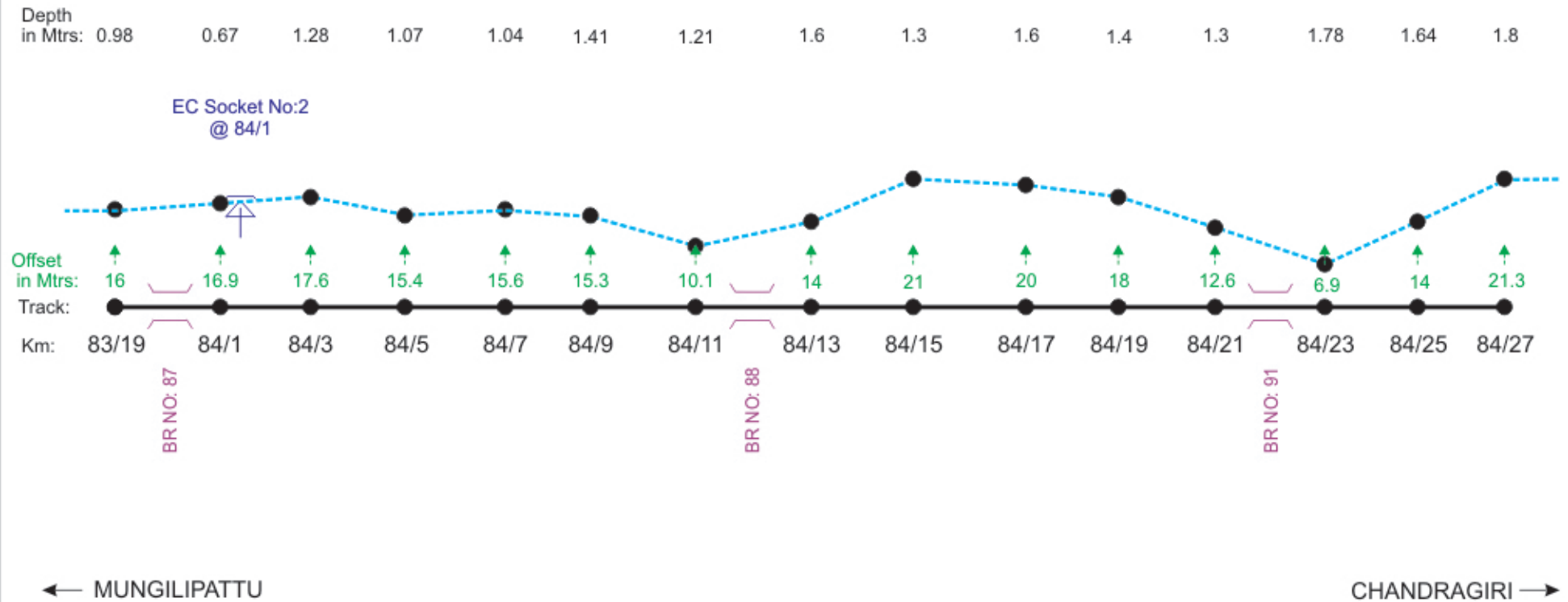
|  |          |                                                                            |        |
|--|----------|----------------------------------------------------------------------------|--------|
|  | DRAWN    | SIGNAL & TELECOMMUNICATIONS                                                |        |
|  | JE/TELE  | OFC + QUAD UNDER GROUND<br>CABLE ROUTE DIAGRAM<br>BET : KATPADI - TIRUPATI |        |
|  | SSE/TELE |                                                                            |        |
|  | ADSTE    |                                                                            |        |
|  |          | SHEET                                                                      | SHEETS |
|  |          | 84                                                                         | 104    |

## LEGEND

|                                                                                     |                                      |
|-------------------------------------------------------------------------------------|--------------------------------------|
|  | POWER CABLE CROSSING                 |
|  | MLC                                  |
|  | UMLC                                 |
|  | ILC                                  |
|  | OUT OF BOUNDARY                      |
|  | OCCUPIED BY FORMER<br>INSIDE BOUNDRY |

|                                                                                     |                     |
|-------------------------------------------------------------------------------------|---------------------|
|  | TRACK (Double Line) |
|  | ROB                 |
|  | CULVERT             |
|  | GIRDER BRIDGE       |
|  | CONCRETE BRIDGE     |
|  | EC SOCKET           |

|                                                                                     |                     |
|-------------------------------------------------------------------------------------|---------------------|
|  | TRACK (Single Line) |
|  | OFC                 |
|  | OFC+ '4' QUAD       |
|  | OFC+ '6' QUAD       |
|  | 6/4 QUAD            |
|  | SIGNAL CABLE        |



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

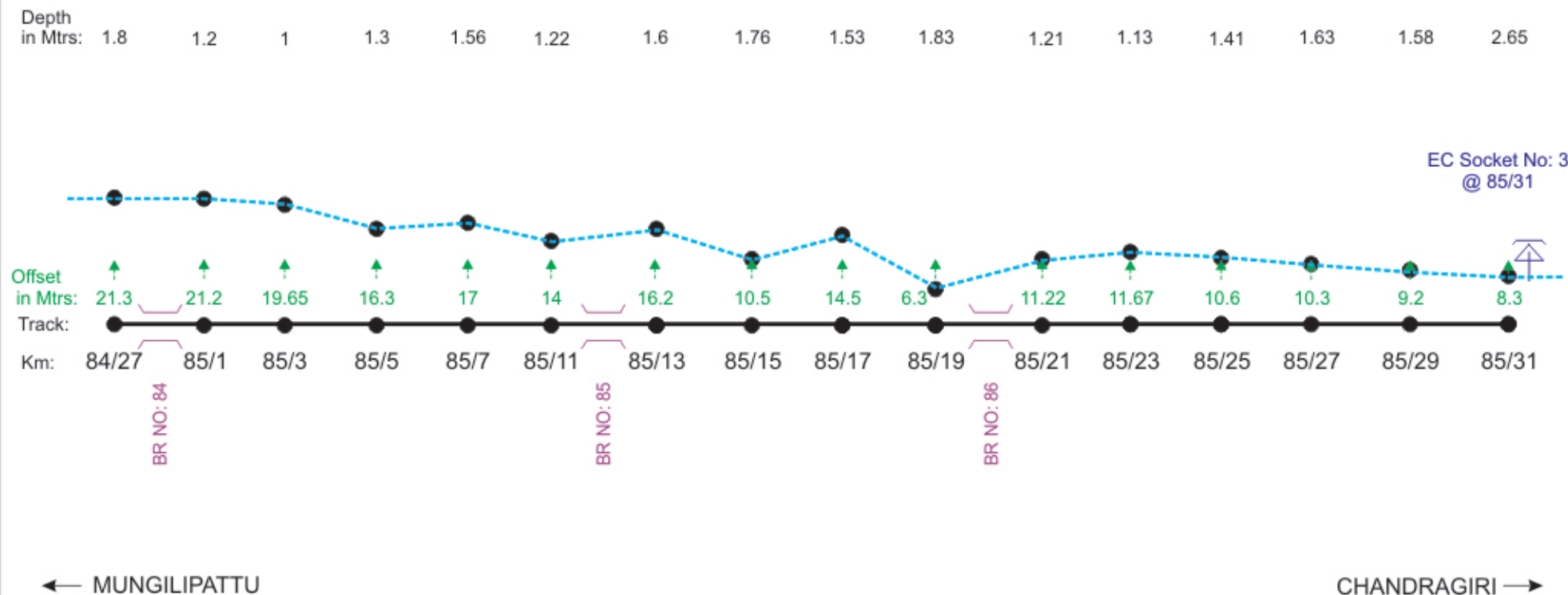
|                                                                                       |          |                                                                                   |        |
|---------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------|--------|
|                                                                                       | DRAWN    | SIGNAL & TELECOMMUNICATIONS                                                       |        |
|  | JE/TELE  | <b>OFC + QUAD UNDER GROUND</b><br>CABLE ROUTE DIAGRAM<br>BET : KATPADI - TIRUPATI |        |
|  | SSE/TELE |                                                                                   |        |
|  | ADSTE    |                                                                                   |        |
|                                                                                       |          | SHEET                                                                             | SHEETS |
|                                                                                       |          | 85                                                                                | 104    |

# LEGEND

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

|  |                     |
|--|---------------------|
|  | TRACK (Double Line) |
|  | ROB                 |
|  | CULVERT             |
|  | GIRDER BRIDGE       |
|  | CONCRETE BRIDGE     |
|  | EC SOCKET           |

|  |                     |
|--|---------------------|
|  | TRACK (Single Line) |
|  | OFC                 |
|  | OFC + '4' QUAD      |
|  | OFC + '6' QUAD      |
|  | 6/4 QUAD            |
|  | SIGNAL CABLE        |



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

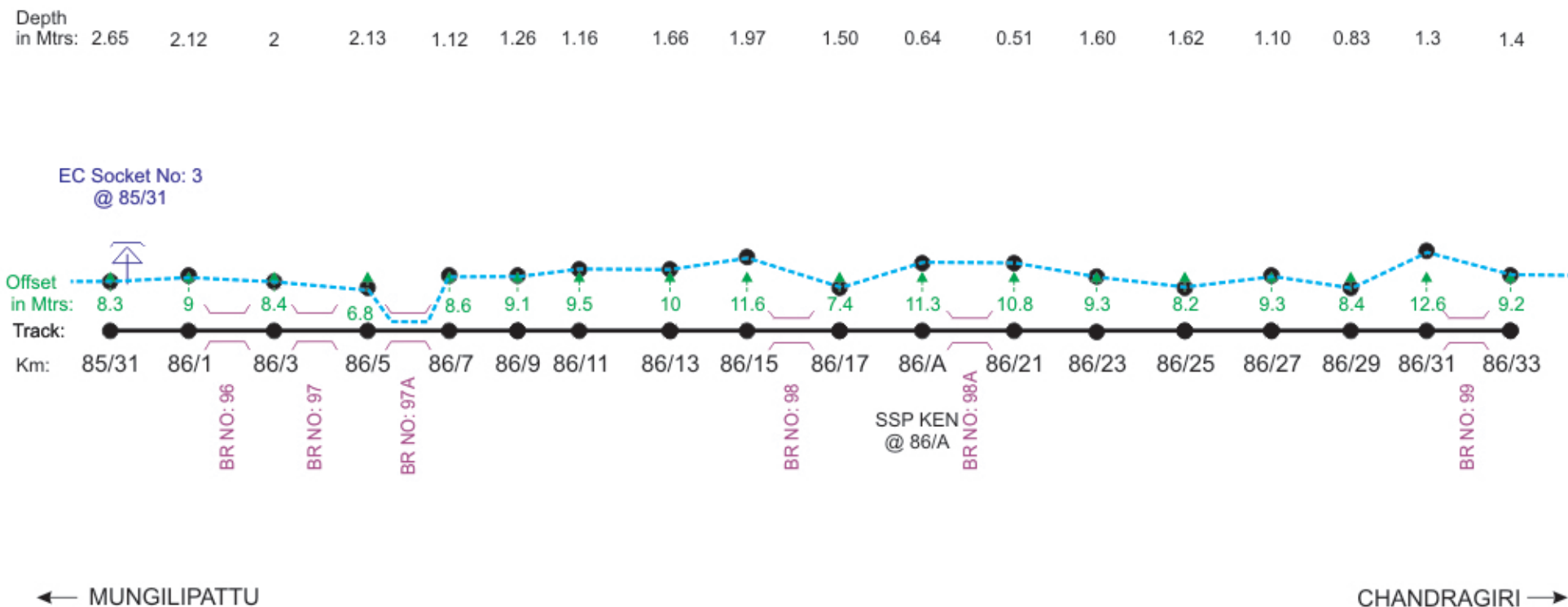
|  |          |                                                                            |        |
|--|----------|----------------------------------------------------------------------------|--------|
|  | DRAWN    | SIGNAL & TELECOMMUNICATIONS                                                |        |
|  | JE/TELE  | OFC + QUAD UNDER GROUND<br>CABLE ROUTE DIAGRAM<br>BET : KATPADI - TIRUPATI |        |
|  | SSE/TELE |                                                                            |        |
|  | ADSTE    |                                                                            |        |
|  |          | SHEET                                                                      | SHEETS |
|  |          | 86                                                                         | 104    |

# LEGEND

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

|  |                     |
|--|---------------------|
|  | TRACK (Double Line) |
|  | ROB                 |
|  | CULVERT             |
|  | GIRDER BRIDGE       |
|  | CONCRETE BRIDGE     |
|  | EC SOCKET           |

|  |                     |
|--|---------------------|
|  | TRACK (Single Line) |
|  | OFC                 |
|  | OFC + '4' QUAD      |
|  | OFC + '6' QUAD      |
|  | 6/4 QUAD            |
|  | SIGNAL CABLE        |



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

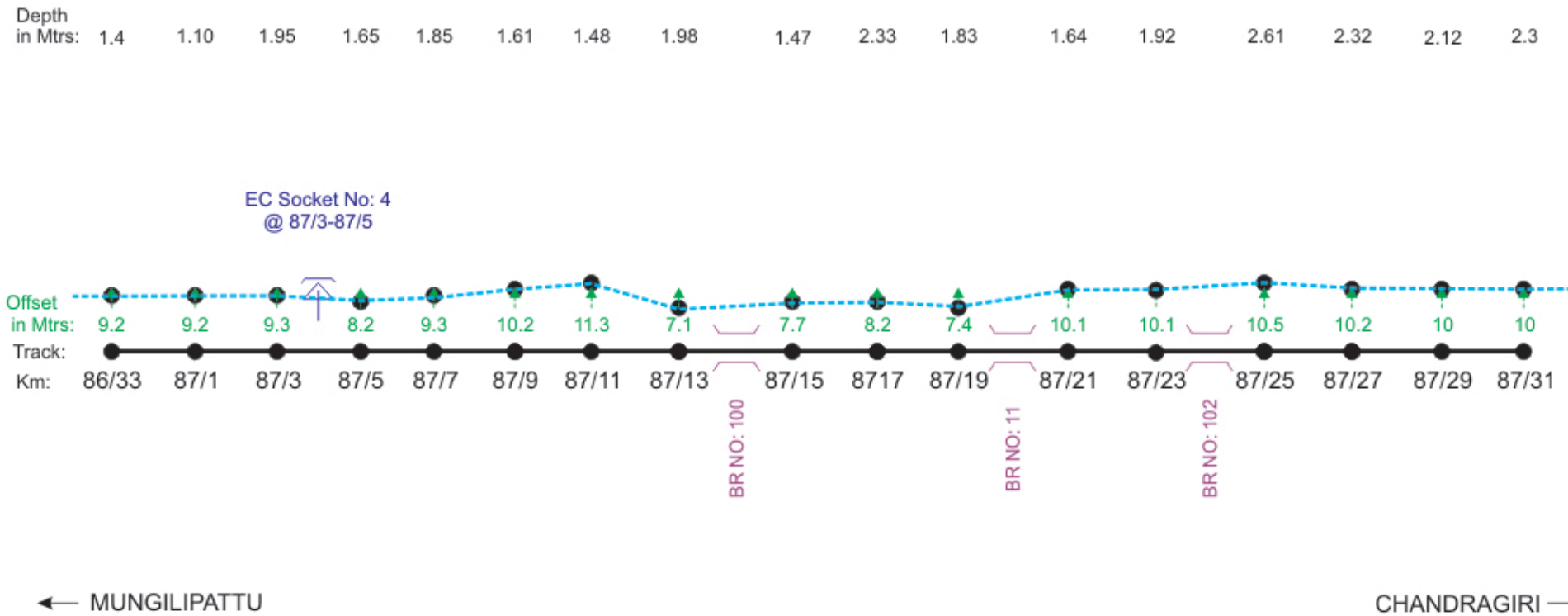
|  |          |                                                                            |        |
|--|----------|----------------------------------------------------------------------------|--------|
|  | DRAWN    | SIGNAL & TELECOMMUNICATIONS                                                |        |
|  | JE/TELE  | OFC + QUAD UNDER GROUND<br>CABLE ROUTE DIAGRAM<br>BET : KATPADI - TIRUPATI |        |
|  | SSE/TELE |                                                                            |        |
|  | ADSTE    |                                                                            |        |
|  |          | SHEET                                                                      | SHEETS |
|  |          | 87                                                                         | 104    |

# LEGEND

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

|  |                     |
|--|---------------------|
|  | TRACK (Double Line) |
|  | ROB                 |
|  | CULVERT             |
|  | GIRDER BRIDGE       |
|  | CONCRETE BRIDGE     |
|  | EC SOCKET           |

|  |                     |
|--|---------------------|
|  | TRACK (Single Line) |
|  | OFC                 |
|  | OFC+ '4' QUAD       |
|  | OFC+ '6' QUAD       |
|  | 6/4 QUAD            |
|  | SIGNAL CABLE        |



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

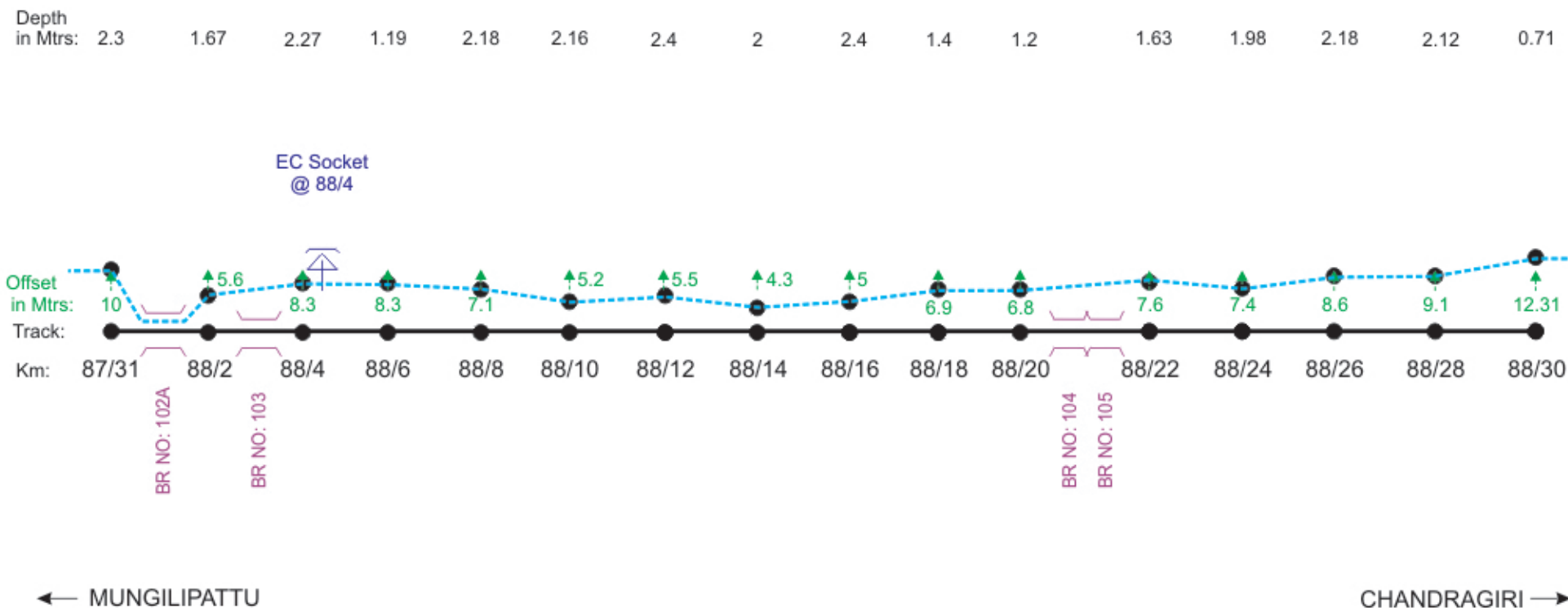
|  |          |                                                                            |        |
|--|----------|----------------------------------------------------------------------------|--------|
|  | DRAWN    | SIGNAL & TELECOMMUNICATIONS                                                |        |
|  | JE/TELE  | OFC + QUAD UNDER GROUND<br>CABLE ROUTE DIAGRAM<br>BET : KATPADI - TIRUPATI |        |
|  | SSE/TELE |                                                                            |        |
|  | ADSTE    |                                                                            |        |
|  |          | SHEET                                                                      | SHEETS |
|  |          | 88                                                                         | 104    |

# LEGEND

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

|  |                     |
|--|---------------------|
|  | TRACK (Double Line) |
|  | ROB                 |
|  | CULVERT             |
|  | GIRDER BRIDGE       |
|  | CONCRETE BRIDGE     |
|  | EC SOCKET           |

|  |                     |
|--|---------------------|
|  | TRACK (Single Line) |
|  | OFC                 |
|  | OFC + '4' QUAD      |
|  | OFC + '6' QUAD      |
|  | 6/4 QUAD            |
|  | SIGNAL CABLE        |



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

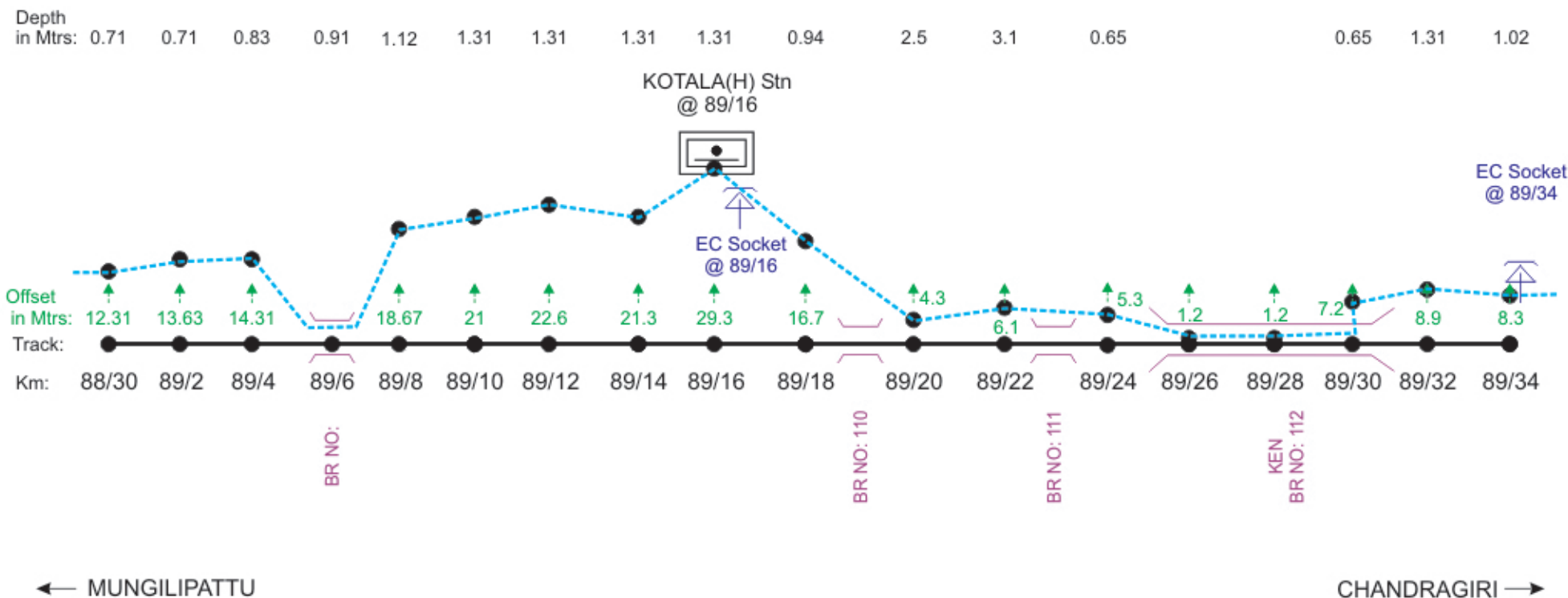
|  |          |                                                                            |        |
|--|----------|----------------------------------------------------------------------------|--------|
|  | DRAWN    | SIGNAL & TELECOMMUNICATIONS                                                |        |
|  | JE/TELE  | OFC + QUAD UNDER GROUND<br>CABLE ROUTE DIAGRAM<br>BET : KATPADI - TIRUPATI |        |
|  | SSE/TELE |                                                                            |        |
|  | ADSTE    |                                                                            |        |
|  |          | SHEET                                                                      | SHEETS |
|  |          | 89                                                                         | 104    |

# LEGEND

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

|  |                     |
|--|---------------------|
|  | TRACK (Double Line) |
|  | ROB                 |
|  | CULVERT             |
|  | GIRDER BRIDGE       |
|  | CONCRETE BRIDGE     |
|  | EC SOCKET           |

|  |                     |
|--|---------------------|
|  | TRACK (Single Line) |
|  | OFC                 |
|  | OFC + '4' QUAD      |
|  | OFC + '6' QUAD      |
|  | 6/4 QUAD            |
|  | SIGNAL CABLE        |



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

|  |          |                                                                            |        |
|--|----------|----------------------------------------------------------------------------|--------|
|  | DRAWN    | SIGNAL & TELECOMMUNICATIONS                                                |        |
|  | JE/TELE  | OFC + QUAD UNDER GROUND<br>CABLE ROUTE DIAGRAM<br>BET : KATPADI - TIRUPATI |        |
|  | SSE/TELE |                                                                            |        |
|  | ADSTE    |                                                                            |        |
|  |          | SHEET                                                                      | SHEETS |
|  |          | 90                                                                         | 104    |

## LEGEND

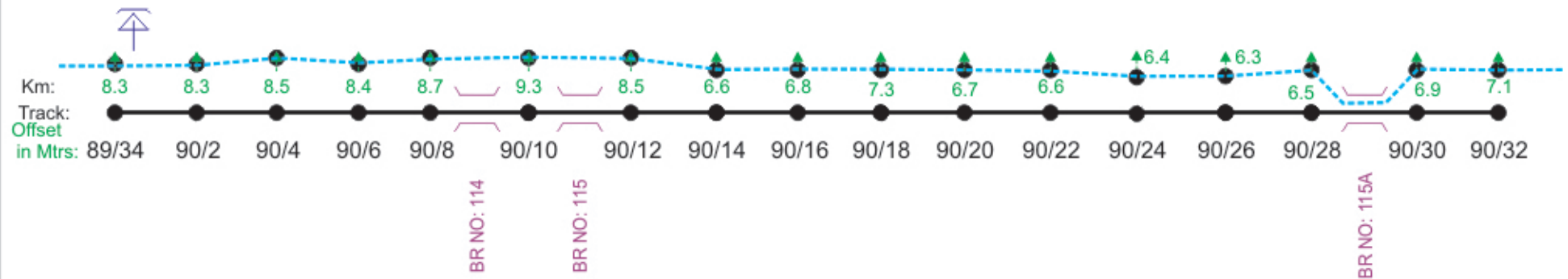
|                                                                                     |                                      |
|-------------------------------------------------------------------------------------|--------------------------------------|
|  | POWER CABLE CROSSING                 |
|  | MLC                                  |
|  | UMLC                                 |
|  | ILC                                  |
|  | OUT OF BOUNDRY                       |
|  | OCCUPIED BY FORMER<br>INSIDE BOUNDRY |

|                                                                                     |                     |
|-------------------------------------------------------------------------------------|---------------------|
|  | TRACK (Double Line) |
|  | ROB                 |
|  | CULVERT             |
|  | GIRDER BRIDGE       |
|  | CONCRETE BRIDGE     |
|  | EC SOCKET           |

|                                                                                     |                     |
|-------------------------------------------------------------------------------------|---------------------|
|  | TRACK (Single Line) |
|  | OFC                 |
|  | OFC+ '4' QUAD       |
|  | OFC+ '6' QUAD       |
|  | 6/4 QUAD            |
|  | SIGNAL CABLE        |

|                   |      |      |      |      |      |     |      |      |      |      |      |      |      |      |      |     |      |
|-------------------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|-----|------|
| Depth<br>in Mtrs: | 1.02 | 2.12 | 1.02 | 1.10 | 1.59 | 3.7 | 1.42 | 2.10 | 2.31 | 2.58 | 2.31 | 2.67 | 2.98 | 2.62 | 2.65 | 3.2 | 2.69 |
|-------------------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|-----|------|

EC Socket  
@ 89/34



← MUNGILIPATTU

CHANDRAGIRI →

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

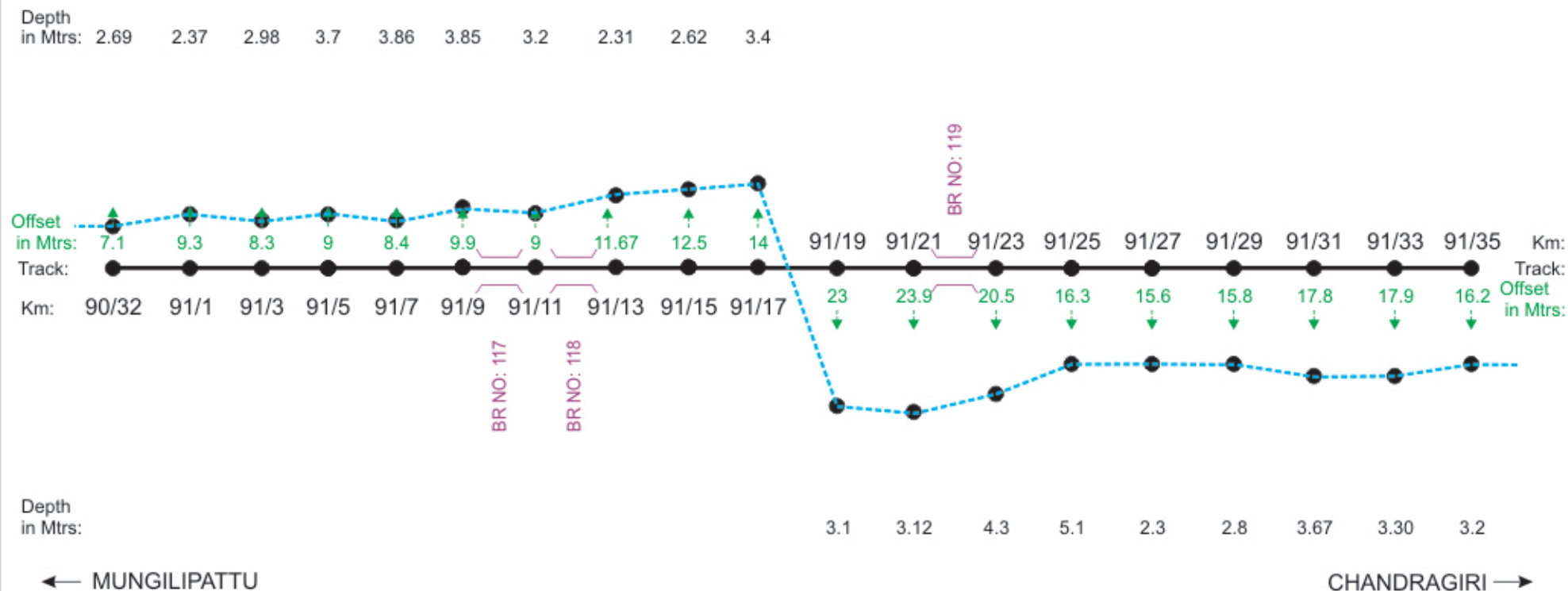
|                                                                                       |          |                                                                                   |        |
|---------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------|--------|
|                                                                                       | DRAWN    | SIGNAL & TELECOMMUNICATIONS                                                       |        |
|  | JE/TELE  | <b>OFC + QUAD UNDER GROUND</b><br>CABLE ROUTE DIAGRAM<br>BET : KATPADI - TIRUPATI |        |
|  | SSE/TELE |                                                                                   |        |
|  | ADSTE    |                                                                                   |        |
|                                                                                       |          | SHEET                                                                             | SHEETS |
|                                                                                       |          | 91                                                                                | 104    |

# LEGEND

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

|  |                     |
|--|---------------------|
|  | TRACK (Double Line) |
|  | ROB                 |
|  | CULVERT             |
|  | GIRDER BRIDGE       |
|  | CONCRETE BRIDGE     |
|  | EC SOCKET           |

|  |                     |
|--|---------------------|
|  | TRACK (Single Line) |
|  | OFC                 |
|  | OFC + '4' QUAD      |
|  | OFC + '6' QUAD      |
|  | 6/4 QUAD            |
|  | SIGNAL CABLE        |



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

|  |          |                                                                            |        |
|--|----------|----------------------------------------------------------------------------|--------|
|  | DRAWN    | SIGNAL & TELECOMMUNICATIONS                                                |        |
|  | JE/TELE  | OFC + QUAD UNDER GROUND<br>CABLE ROUTE DIAGRAM<br>BET : KATPADI - TIRUPATI |        |
|  | SSE/TELE |                                                                            |        |
|  | ADSTE    |                                                                            |        |
|  |          | SHEET                                                                      | SHEETS |
|  |          | 92                                                                         | 104    |