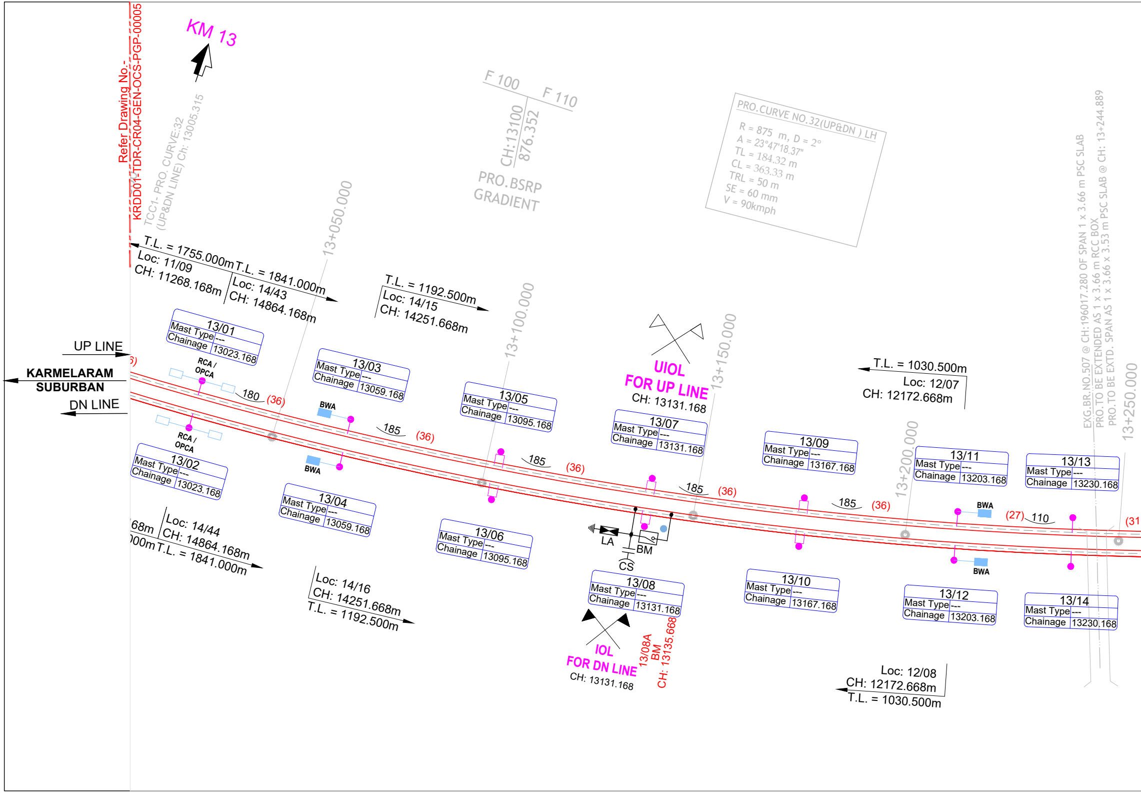
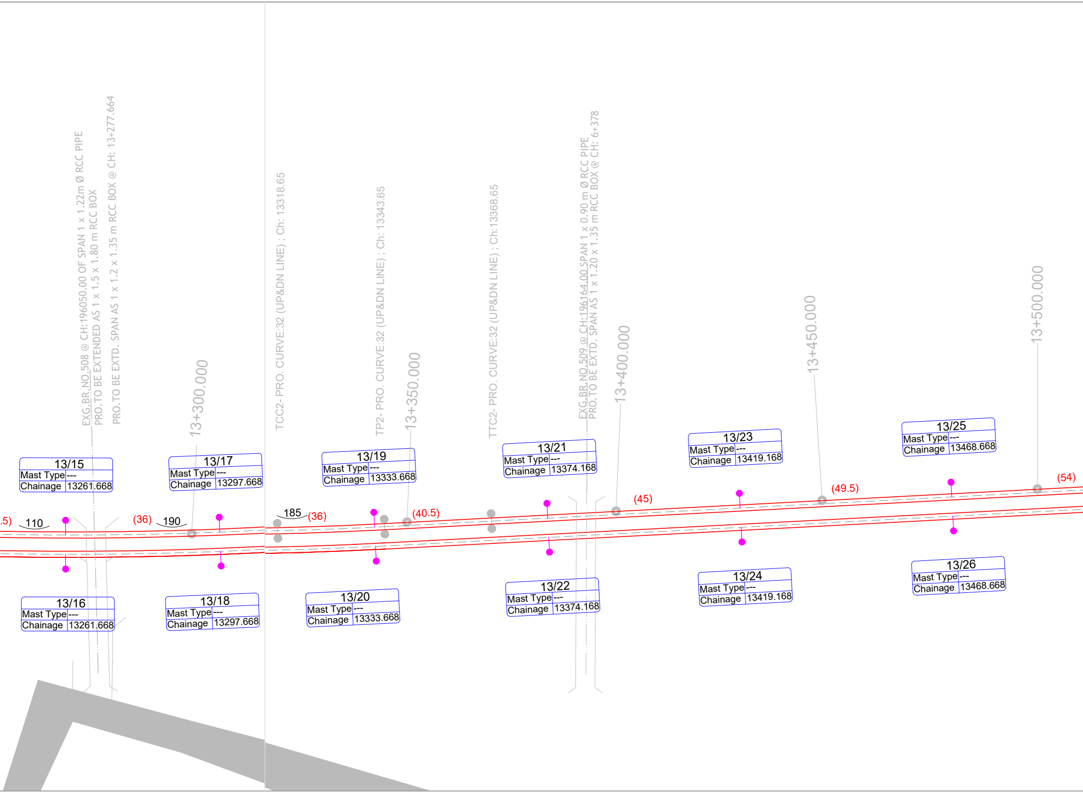
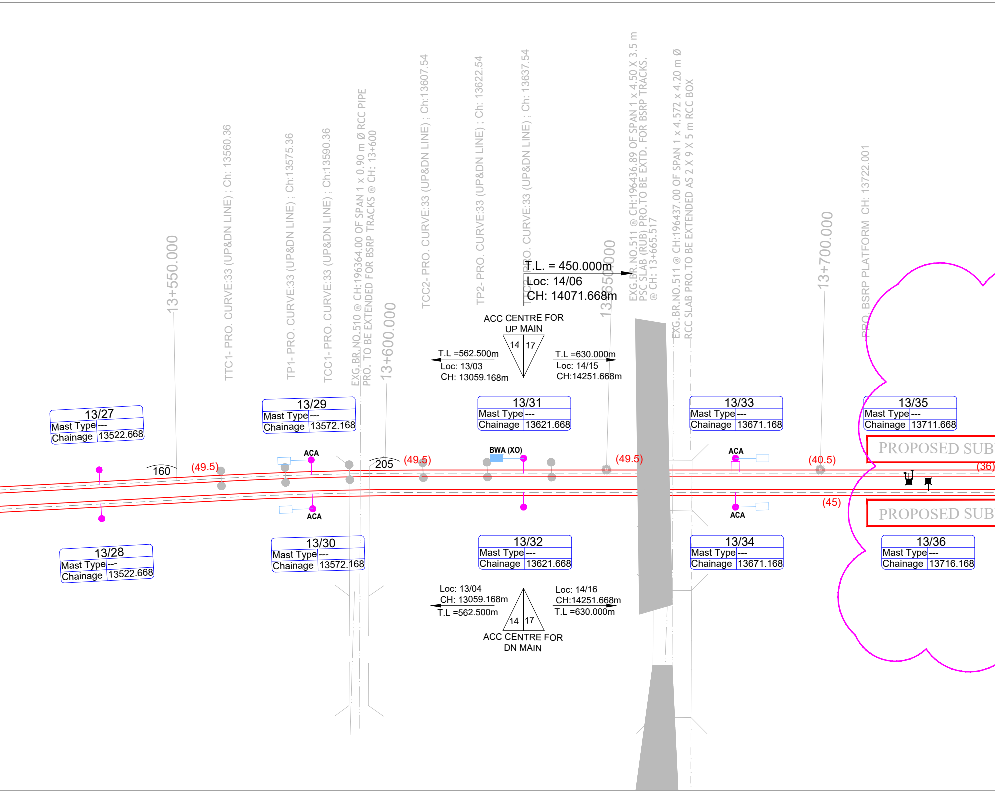
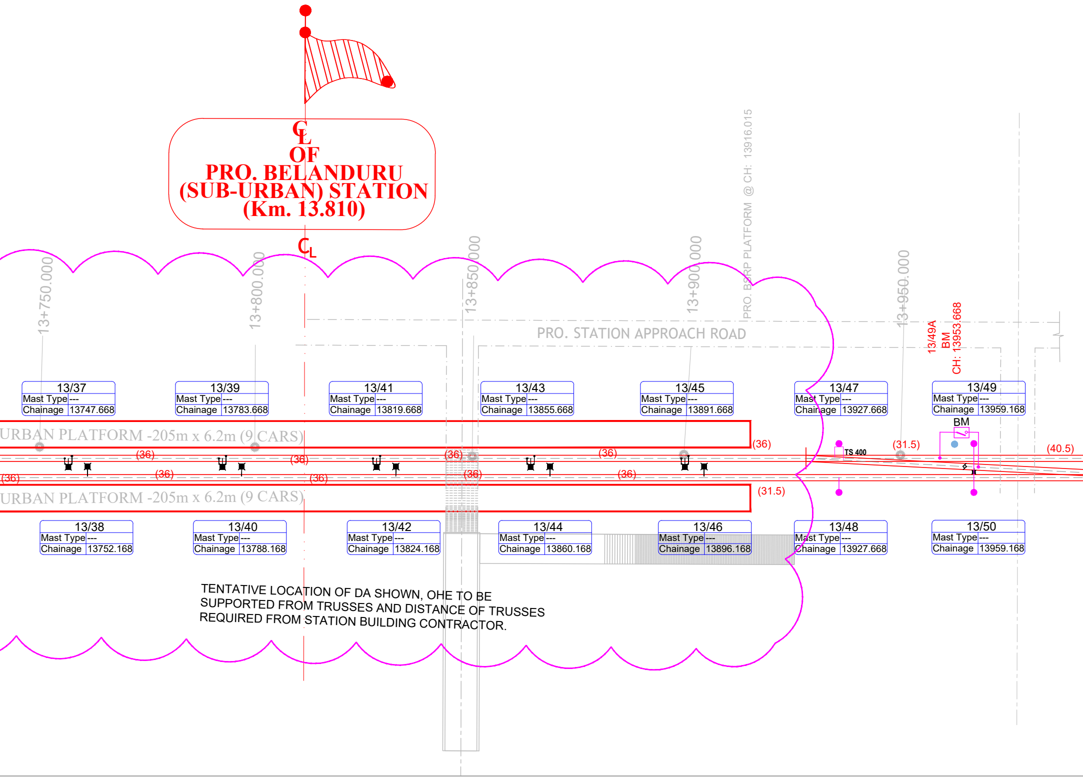
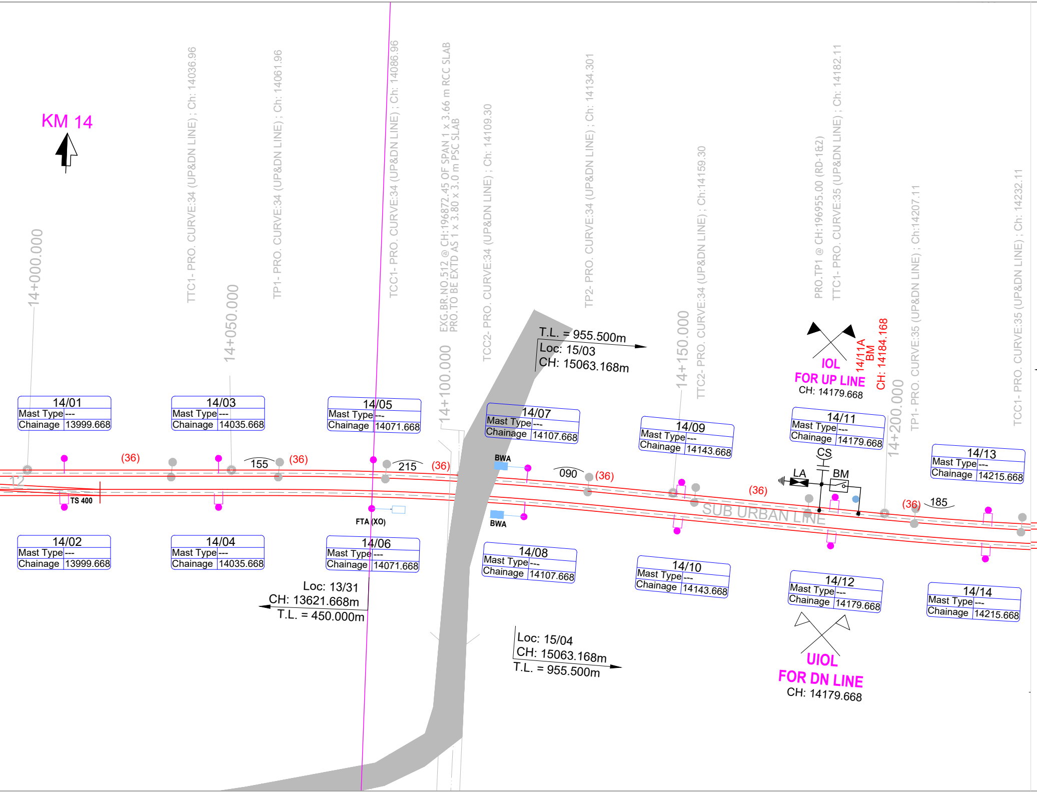

Refer Drawing No.-
KRDD01-TDR-CR04-GEN-OCS-PGP-00005
KM 13
TCC1- PRO. CURVE:32
(UP&DN LINE) Ch: 13005.315
F 100
F 110
CH:13100
876.352
PRO.BSRP
GRADIENT
PRO.CURVE NO.32(UP&DN) LH
R = 875 m, D = 2°
A = 23°47'18.37"
TL = 184.32 m
CL = 363.33 m
TRL = 50 m
SE = 60 mm
V = 90kmph
EXG.BR.NO.507 @ CH:196017.280 OF SPAN 1 x 3.66 m PSC SLAB
PRO.TO BE EXTENDED AS 1 x 3.66 m RCC BOX
PRO.TO BE EXTD. SPAN AS 1 x 3.66 x 3.53 m PSC SLAB @ CH: 13+244.889
13+050.000
13+100.000
13+150.000
13+200.000
13+250.000
T.L. = 1755.000m
Loc: 11/09
CH: 11268.168m
T.L. = 1841.000m
Loc: 14/43
CH: 14864.168m
T.L. = 1192.500m
Loc: 14/15
CH: 14251.668m
T.L. = 1030.500m
Loc: 12/07
CH: 12172.668m
UP LINE
KARMELARAM
SUBURBAN
DN LINE
13/01
Mast Type ---
Chainage 13023.168
13/02
Mast Type ---
Chainage 13023.168
13/03
Mast Type ---
Chainage 13059.168
13/04
Mast Type ---
Chainage 13059.168
13/05
Mast Type ---
Chainage 13095.168
13/06
Mast Type ---
Chainage 13095.168
13/07
Mast Type ---
Chainage 13131.168
13/08
Mast Type ---
Chainage 13131.168
13/09
Mast Type ---
Chainage 13167.168
13/10
Mast Type ---
Chainage 13167.168
13/11
Mast Type ---
Chainage 13203.168
13/12
Mast Type ---
Chainage 13203.168
13/13
Mast Type ---
Chainage 13230.168
13/14
Mast Type ---
Chainage 13230.168
RCA / OPCA
RCA / OPCA
BWA
BWA
BWA
BWA
180
(36)
185
(36)
185
(36)
185
(36)
185
(36)
(27)
110
(31
UIOL
FOR UP LINE
CH: 13131.168
IOL
FOR DN LINE
CH: 13131.168
LA
BM
CS
13/08A
BM
CH: 13135.668
Loc: 14/44
CH: 14864.168m
T.L. = 1841.000m
Loc: 14/16
CH: 14251.668m
T.L. = 1192.500m
Loc: 12/08
CH: 12172.668m
T.L. = 1030.500m

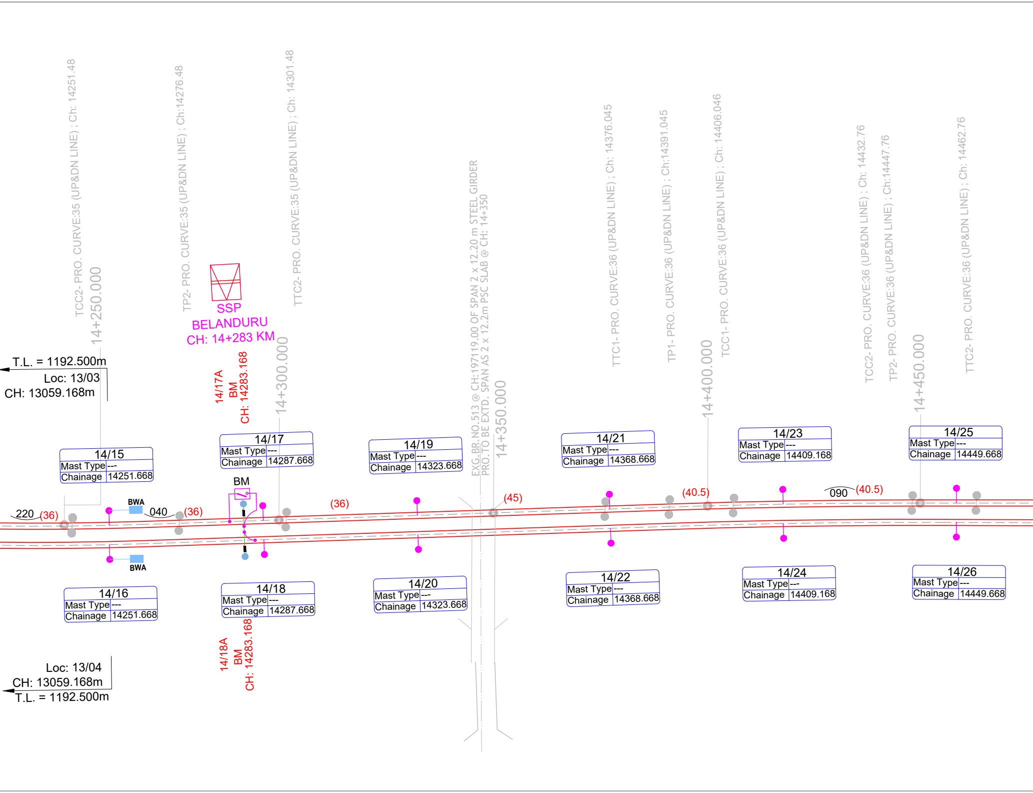

EXG.BR.NO.508 @ CH:196050.00 OF SPAN 1 x 1.22m Ø RCC PIPE
PRO.TO BE EXTENDED AS 1 x 1.5 x 1.80 m RCC BOX
PRO.TO BE EXTD. SPAN AS 1 x 1.2 x 1.35 m RCC BOX @ CH: 13+277.664
13+300.000
TCC2- PRO. CURVE:32 (UP&DN LINE) ; Ch: 13318.65
TP2- PRO. CURVE:32 (UP&DN LINE) ; Ch: 13343.65
13+350.000
TTC2- PRO. CURVE:32 (UP&DN LINE) ; Ch:13368.65
EXG.BR.NO.509 @ CH:196164.00 SPAN 1 x 0.90 m Ø RCC PIPE
PRO.TO BE EXTD. SPAN AS 1 x 1.20 x 1.35 m RCC BOX @ CH: 6+378
13+400.000
13+450.000
13+500.000
13/15
Mast Type ---
Chainage 13261.668
13/17
Mast Type ---
Chainage 13297.668
13/19
Mast Type ---
Chainage 13333.668
13/21
Mast Type ---
Chainage 13374.168
13/23
Mast Type ---
Chainage 13419.168
13/25
Mast Type ---
Chainage 13468.668
.5)
110
(36)
190
185
(36)
(40.5)
(45)
(49.5)
(54)
13/16
Mast Type ---
Chainage 13261.668
13/18
Mast Type ---
Chainage 13297.668
13/20
Mast Type ---
Chainage 13333.668
13/22
Mast Type ---
Chainage 13374.168
13/24
Mast Type ---
Chainage 13419.168
13/26
Mast Type ---
Chainage 13468.668


13+550.000
TTC1- PRO. CURVE:33 (UP&DN LINE) ; Ch: 13560.36
TP1- PRO. CURVE:33 (UP&DN LINE) ; Ch:13575.36
TCC1- PRO. CURVE:33 (UP&DN LINE) ; Ch:13590.36
EXG.BR.NO.510 @ CH:196364.00 OF SPAN 1 x 0.90 m Ø RCC PIPE
PRO. TO BE EXTENDED FOR BSRP TRACKS @ CH: 13+600
13+600.000
TCC2- PRO. CURVE:33 (UP&DN LINE) ; Ch:13607.54
TP2- PRO. CURVE:33 (UP&DN LINE) ; Ch: 13622.54
TTC2- PRO. CURVE:33 (UP&DN LINE) ; Ch: 13637.54
13+650.000
EXG.BR.NO.511 @ CH:196436.89 OF SPAN 1 x 4.50 X 3.5 m
PSC SLAB (RUB) PRO.TO BE EXTD. FOR BSRP TRACKS.
@ CH: 13+665.517
EXG.BR.NO.511 @ CH:196437.00 OF SPAN 1 x 4.572 x 4.20 m Ø
RCC SLAB PRO.TO BE EXTENDED AS 2 X 9 X 5 m RCC BOX
13+700.000
PRO. BSRP PLATFORM CH: 13722.001
T.L. = 450.000m
Loc: 14/06
CH: 14071.668m
ACC CENTRE FOR
UP MAIN
14
17
T.L =562.500m
Loc: 13/03
CH: 13059.168m
T.L =630.000m
Loc: 14/15
CH:14251.668m
13/27
Mast Type ---
Chainage 13522.668
13/29
Mast Type ---
Chainage 13572.168
13/31
Mast Type ---
Chainage 13621.668
13/33
Mast Type ---
Chainage 13671.168
13/35
Mast Type ---
Chainage 13711.668
PROPOSED SUB
ACA
BWA (XO)
ACA
160
(49.5)
205
(49.5)
(49.5)
(40.5)
(36)
(45)
ACA
ACA
PROPOSED SUB
13/28
Mast Type ---
Chainage 13522.668
13/30
Mast Type ---
Chainage 13572.168
13/32
Mast Type ---
Chainage 13621.668
13/34
Mast Type ---
Chainage 13671.168
13/36
Mast Type ---
Chainage 13716.168
Loc: 13/04
CH: 13059.168m
T.L =562.500m
Loc: 14/16
CH:14251.668m
T.L =630.000m
14
17
ACC CENTRE FOR
DN MAIN

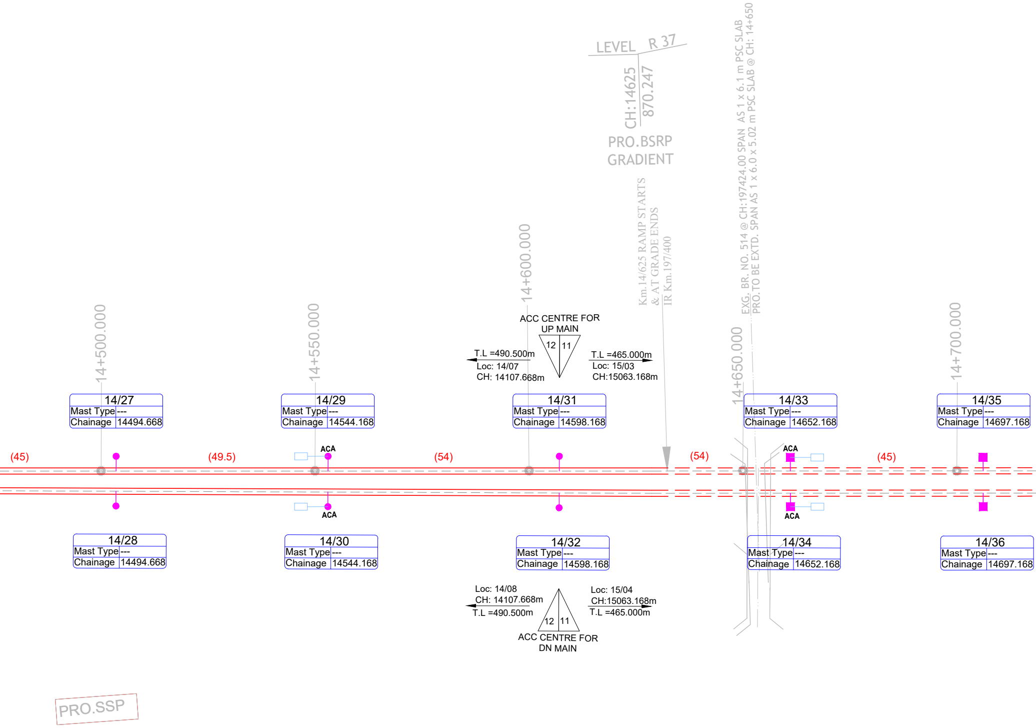

CL
OF
PRO. BELANDURU
(SUB-URBAN) STATION
(Km. 13.810)
CL
13+750.000
13+800.000
13+850.000
13+900.000
PRO. BSRP PLATFORM @ CH: 13916.015
13+950.000
PRO. STATION APPROACH ROAD
13/49A
BM
CH: 13953.668
13/37
Mast Type ---
Chainage 13747.668
13/39
Mast Type ---
Chainage 13783.668
13/41
Mast Type ---
Chainage 13819.668
13/43
Mast Type ---
Chainage 13855.668
13/45
Mast Type ---
Chainage 13891.668
13/47
Mast Type ---
Chainage 13927.668
13/49
Mast Type ---
Chainage 13959.168
BM
URBAN PLATFORM -205m x 6.2m (9 CARS)
(36)
(36)
(36)
(36)
(36)
(36)
(31.5)
TS 400
(40.5)
(36)
(36)
(36)
(36)
(36)
URBAN PLATFORM -205m x 6.2m (9 CARS)
(31.5)
13/38
Mast Type ---
Chainage 13752.168
13/40
Mast Type ---
Chainage 13788.168
13/42
Mast Type ---
Chainage 13824.168
13/44
Mast Type ---
Chainage 13860.168
13/46
Mast Type ---
Chainage 13896.168
13/48
Mast Type ---
Chainage 13927.668
13/50
Mast Type ---
Chainage 13959.168

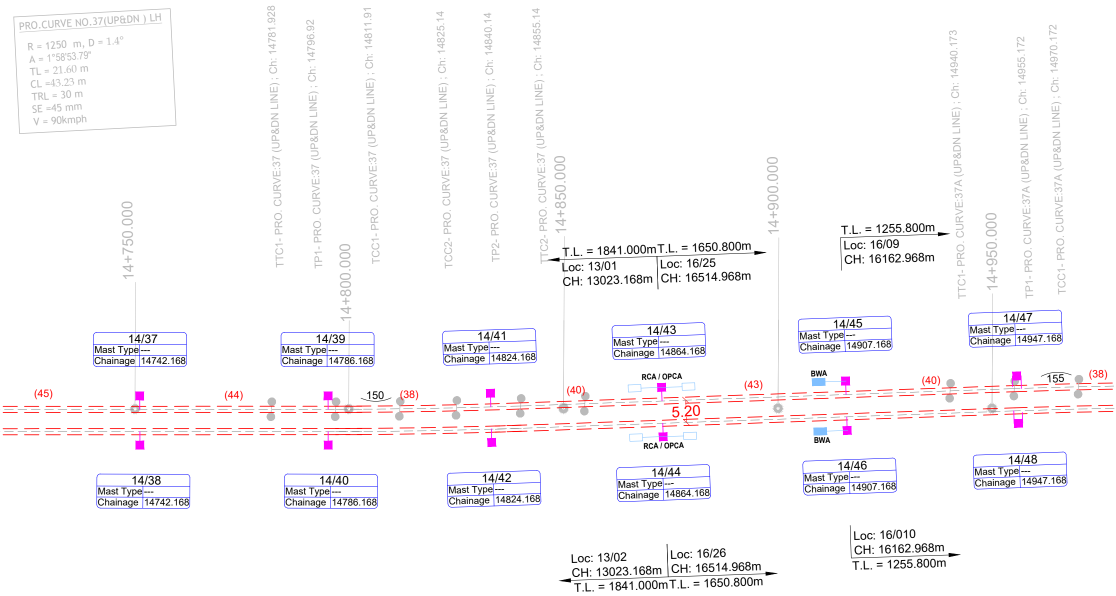
TENTATIVE LOCATION OF DA SHOWN, OHE TO BE SUPPORTED FROM TRUSSES AND DISTANCE OF TRUSSES REQUIRED FROM STATION BUILDING CONTRACTOR.

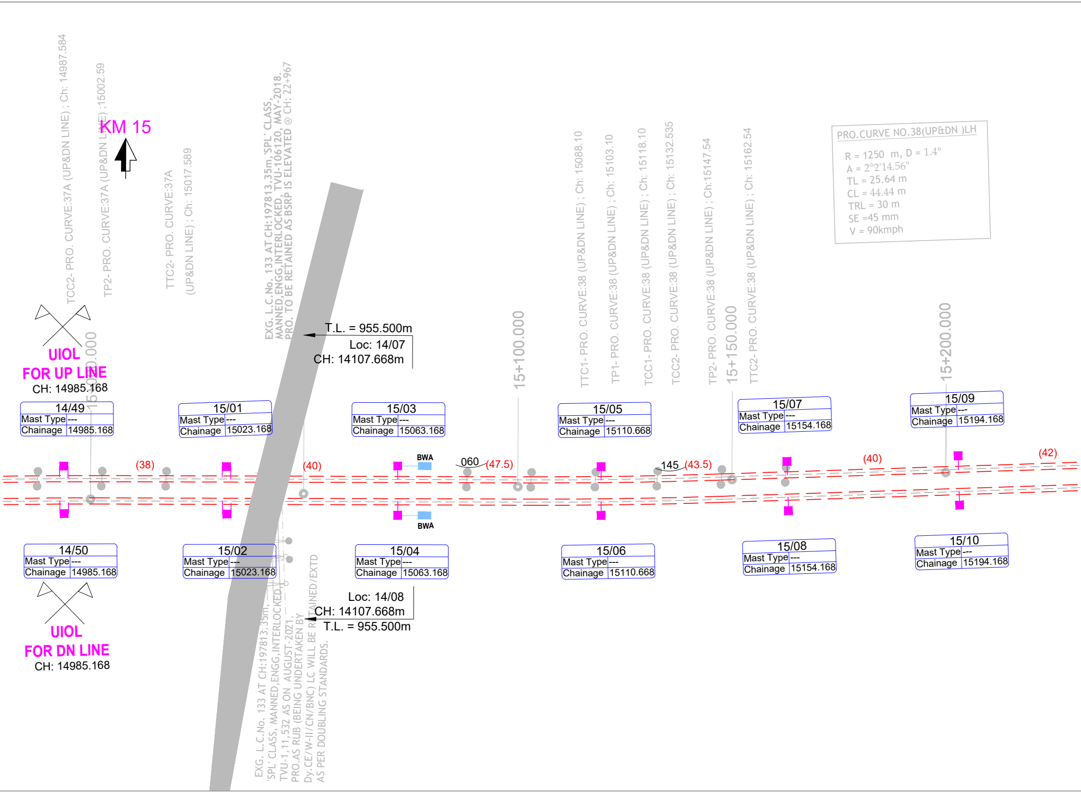

KM 14
14+000.000
TTC1- PRO. CURVE:34 (UP&DN LINE) ; Ch: 14036.96
14+050.000
TP1- PRO. CURVE:34 (UP&DN LINE) ; Ch: 14061.96
TCC1- PRO. CURVE:34 (UP&DN LINE) ; Ch: 14086.96
EXG.BR.NO.512 @ CH:196872.45 OF SPAN 1 x 3.66 m RCC SLAB
PRO. TO BE EXTD AS 1 x 3.80 x 3.0 m PSC SLAB
14+100.000
TCC2- PRO. CURVE:34 (UP&DN LINE) ; Ch: 14109.30
TP2- PRO. CURVE:34 (UP&DN LINE) ; Ch: 14134.301
14+150.000
TTC2- PRO. CURVE:34 (UP&DN LINE) ; Ch:14159.30
PRO.TP1 @ CH:196955.00 (RD-1&2)
TTC1- PRO. CURVE:35 (UP&DN LINE) ; Ch: 14182.11
14/11A
BM
CH: 14184.168
14+200.000
TP1- PRO. CURVE:35 (UP&DN LINE) ; Ch:14207.11
TCC1- PRO. CURVE:35 (UP&DN LINE) ; Ch: 14232.11
T.L. = 955.500m
Loc: 15/03
CH: 15063.168m
IOL
FOR UP LINE
CH: 14179.668
14/01 Mast Type --- Chainage 13999.668
14/03 Mast Type --- Chainage 14035.668
14/05 Mast Type --- Chainage 14071.668
14/07 Mast Type --- Chainage 14107.668
14/09 Mast Type --- Chainage 14143.668
14/11 Mast Type --- Chainage 14179.668
14/13 Mast Type --- Chainage 14215.668
(36)
155
(36)
215
(36)
BWA
090
(36)
CS
LA
BM
(36)
(36)
185
12
TS 400
FTA (XO)
BWA
SUB URBAN LINE
14/02 Mast Type --- Chainage 13999.668
14/04 Mast Type --- Chainage 14035.668
14/06 Mast Type --- Chainage 14071.668
14/08 Mast Type --- Chainage 14107.668
14/10 Mast Type --- Chainage 14143.668
14/12 Mast Type --- Chainage 14179.668
14/14 Mast Type --- Chainage 14215.668
Loc: 13/31
CH: 13621.668m
T.L. = 450.000m
Loc: 15/04
CH: 15063.168m
T.L. = 955.500m
UIOL
FOR DN LINE
CH: 14179.668

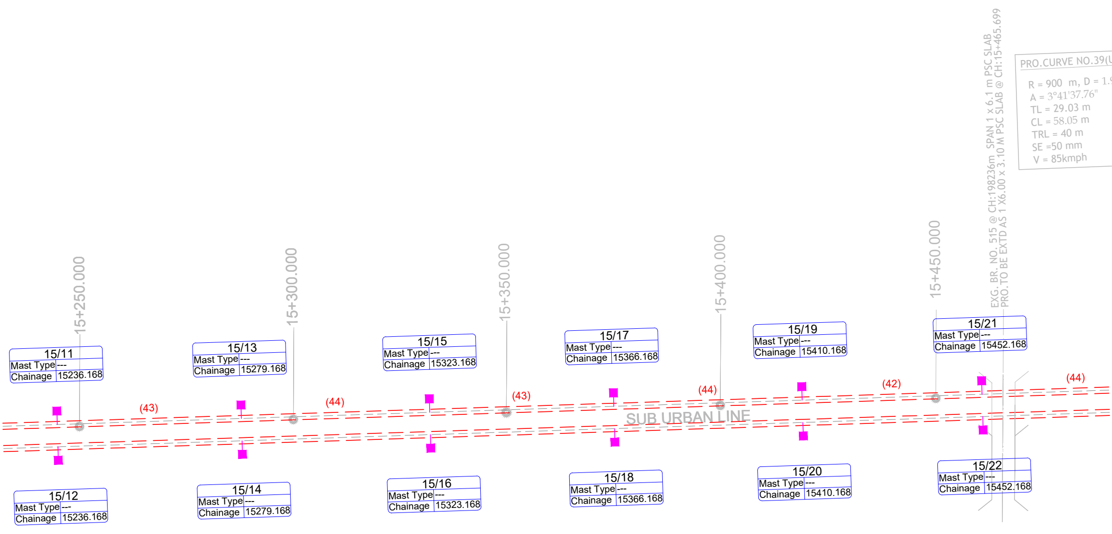


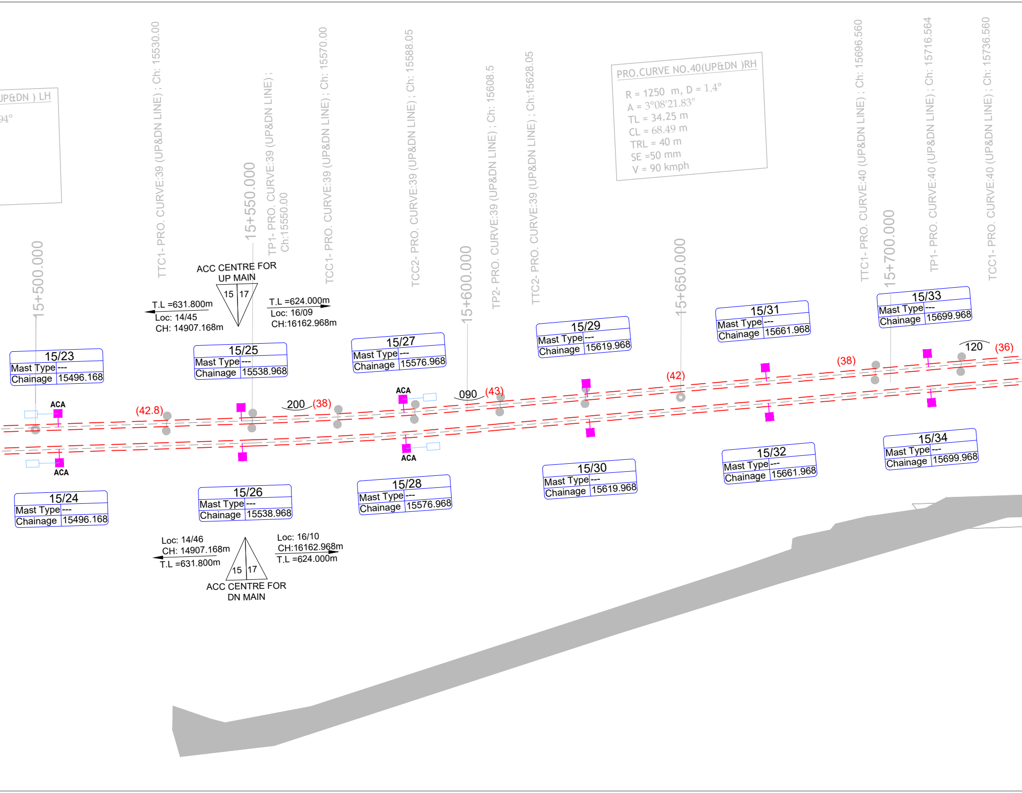
TCC2- PRO. CURVE:35 (UP&DN LINE) ; Ch: 14251.48
14+250.000
TP2- PRO. CURVE:35 (UP&DN LINE) ; Ch:14276.48
SSP
BELANDURU
CH: 14+283 KM
TTC2- PRO. CURVE:35 (UP&DN LINE) ; Ch: 14301.48
14+300.000
14/17A
BM
CH: 14283.168
EXG.BR.NO.513 @ CH:197119.00 OF SPAN 2 x 12.20 m STEEL GIRDER
PRO.TO BE EXTD. SPAN AS 2 x 12.2m PSC SLAB @ CH: 14+350
14+350.000
TTC1- PRO. CURVE:36 (UP&DN LINE) ; Ch: 14376.045
TP1- PRO. CURVE:36 (UP&DN LINE) ; Ch:14391.045
14+400.000
TCC1- PRO. CURVE:36 (UP&DN LINE) ; Ch: 14406.046
TCC2- PRO. CURVE:36 (UP&DN LINE) ; Ch: 14432.76
TP2- PRO. CURVE:36 (UP&DN LINE) ; Ch:14447.76
14+450.000
TTC2- PRO. CURVE:36 (UP&DN LINE) ; Ch: 14462.76
T.L. = 1192.500m
Loc: 13/03
CH: 13059.168m
14/15
Mast Type ---
Chainage 14251.668
14/17
Mast Type ---
Chainage 14287.668
14/19
Mast Type ---
Chainage 14323.668
14/21
Mast Type ---
Chainage 14368.668
14/23
Mast Type ---
Chainage 14409.168
14/25
Mast Type ---
Chainage 14449.668
BM
BWA
220
(36)
040
(36)
(36)
(45)
(40.5)
090
(40.5)
BWA
14/16
Mast Type ---
Chainage 14251.668
14/18
Mast Type ---
Chainage 14287.668
14/20
Mast Type ---
Chainage 14323.668
14/22
Mast Type ---
Chainage 14368.668
14/24
Mast Type ---
Chainage 14409.168
14/26
Mast Type ---
Chainage 14449.668
14/18A
BM
CH: 14283.168
Loc: 13/04
CH: 13059.168m
T.L. = 1192.500m


LEVEL R 37
CH:14625
870.247
PRO.BSRP
GRADIENT
Km.14/625 RAMP STARTS
& AT GRADE ENDS
IR Km.197/400
EXG. BR. NO. 514 @ CH:197424.00 SPAN AS 1 x 6.1 m PSC SLAB
PRO. TO BE EXTD. SPAN AS 1 x 6.0 x 5.02 m PSC SLAB @ CH: 14+650
14+500.000
14+550.000
14+600.000
14+650.000
14+700.000
ACC CENTRE FOR
UP MAIN
12
11
T.L =490.500m
Loc: 14/07
CH: 14107.668m
T.L =465.000m
Loc: 15/03
CH:15063.168m
14/27
Mast Type ---
Chainage 14494.668
14/29
Mast Type ---
Chainage 14544.168
14/31
Mast Type ---
Chainage 14598.168
14/33
Mast Type ---
Chainage 14652.168
14/35
Mast Type ---
Chainage 14697.168
(45)
(49.5)
(54)
(54)
(45)
ACA
ACA
ACA
ACA
14/28
Mast Type ---
Chainage 14494.668
14/30
Mast Type ---
Chainage 14544.168
14/32
Mast Type ---
Chainage 14598.168
14/34
Mast Type ---
Chainage 14652.168
14/36
Mast Type ---
Chainage 14697.168
Loc: 14/08
CH: 14107.668m
T.L =490.500m
Loc: 15/04
CH:15063.168m
T.L =465.000m
12
11
ACC CENTRE FOR
DN MAIN
PRO.SSP

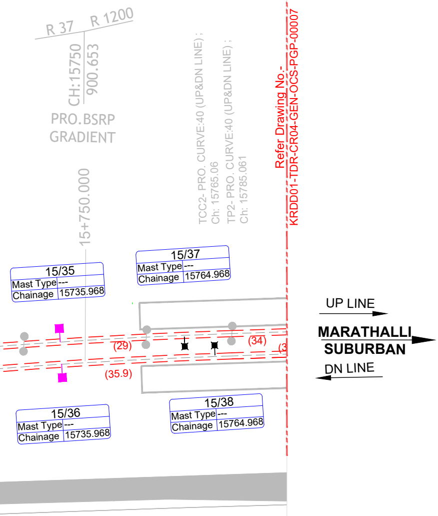

PRO.CURVE NO.37(UP&DN) LH
R = 1250 m, D = 1.4°
A = 1°58'53.79"
TL = 21.60 m
CL =43.23 m
TRL = 30 m
SE =45 mm
V = 90kmph
14+750.000
TTC1- PRO. CURVE:37 (UP&DN LINE) ; Ch: 14781.928
TP1- PRO. CURVE:37 (UP&DN LINE) ; Ch: 14796.92
14+800.000
TCC1- PRO. CURVE:37 (UP&DN LINE) ; Ch: 14811.91
TCC2- PRO. CURVE:37 (UP&DN LINE) ; Ch: 14825.14
TP2- PRO. CURVE:37 (UP&DN LINE) ; Ch: 14840.14
TTC2- PRO. CURVE:37 (UP&DN LINE) ; Ch: 14855.14
14+850.000
14+900.000
TTC1- PRO. CURVE:37A (UP&DN LINE) ; Ch: 14940.173
14+950.000
TP1- PRO. CURVE:37A (UP&DN LINE) ; Ch: 14955.172
TCC1- PRO. CURVE:37A (UP&DN LINE) ; Ch: 14970.172
T.L. = 1841.000m
Loc: 13/01
CH: 13023.168m
T.L. = 1650.800m
Loc: 16/25
CH: 16514.968m
T.L. = 1255.800m
Loc: 16/09
CH: 16162.968m
14/37 | Mast Type --- | Chainage 14742.168
14/39 | Mast Type --- | Chainage 14786.168
14/41 | Mast Type --- | Chainage 14824.168
14/43 | Mast Type --- | Chainage 14864.168
14/45 | Mast Type --- | Chainage 14907.168
14/47 | Mast Type --- | Chainage 14947.168
(45)
(44)
150
(38)
(40)
RCA / OPCA
(43)
BWA
(40)
155
(38)
5.20
RCA / OPCA
BWA
14/38 | Mast Type --- | Chainage 14742.168
14/40 | Mast Type --- | Chainage 14786.168
14/42 | Mast Type --- | Chainage 14824.168
14/44 | Mast Type --- | Chainage 14864.168
14/46 | Mast Type --- | Chainage 14907.168
14/48 | Mast Type --- | Chainage 14947.168
Loc: 13/02
CH: 13023.168m
T.L. = 1841.000m
Loc: 16/26
CH: 16514.968m
T.L. = 1650.800m
Loc: 16/010
CH: 16162.968m
T.L. = 1255.800m

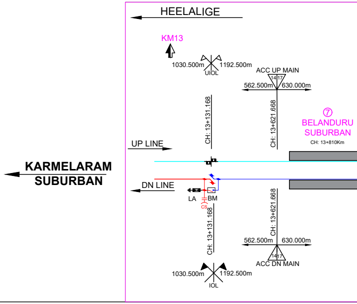

KM 15
TCC2- PRO. CURVE:37A (UP&DN LINE) ; Ch: 14987.584
TP2- PRO. CURVE:37A (UP&DN LINE) ;15002.59
TTC2- PRO. CURVE:37A
(UP&DN LINE) ; Ch: 15017.589
EXG. L.C.No. 133 AT CH:197813.35m, 'SPL' CLASS,
MANNED,ENGG,INTERLOCKED, TVU-106120, MAY-2018.
PRO. TO BE RETAINED AS BSRP IS ELEVATED @ CH: 22+967
T.L. = 955.500m
Loc: 14/07
CH: 14107.668m
15+100.000
TTC1- PRO. CURVE:38 (UP&DN LINE) ; Ch: 15088.10
TP1- PRO. CURVE:38 (UP&DN LINE) ; Ch: 15103.10
TCC1- PRO. CURVE:38 (UP&DN LINE) ; Ch: 15118.10
TCC2- PRO. CURVE:38 (UP&DN LINE) ; Ch: 15132.535
TP2- PRO. CURVE:38 (UP&DN LINE) ; Ch:15147.54
15+150.000
TTC2- PRO. CURVE:38 (UP&DN LINE) ; Ch: 15162.54
PRO.CURVE NO.38(UP&DN)LH
R = 1250 m, D = 1.4°
A = 2°2'14.56"
TL = 25.64 m
CL = 44.44 m
TRL = 30 m
SE =45 mm
V = 90kmph
15+200.000
UIOL
FOR UP LINE
CH: 14985.168
15+000.000
14/49
Mast Type ---
Chainage 14985.168
15/01
Mast Type ---
Chainage 15023.168
15/03
Mast Type ---
Chainage 15063.168
15/05
Mast Type ---
Chainage 15110.668
15/07
Mast Type ---
Chainage 15154.168
15/09
Mast Type ---
Chainage 15194.168
(38)
(40)
BWA
060
(47.5)
145
(43.5)
(40)
(42)
BWA
14/50
Mast Type ---
Chainage 14985.168
15/02
Mast Type ---
Chainage 15023.168
15/04
Mast Type ---
Chainage 15063.168
15/06
Mast Type ---
Chainage 15110.668
15/08
Mast Type ---
Chainage 15154.168
15/10
Mast Type ---
Chainage 15194.168
UIOL
FOR DN LINE
CH: 14985.168
Loc: 14/08
CH: 14107.668m
T.L. = 955.500m
EXG. L.C.No. 133 AT CH:197813.35m,
'SPL' CLASS, MANNED,ENGG,INTERLOCKED,
TVU-1,11,532 AS ON AUGUST-2021.
PRO.AS RUB (BEING UNDERTAKEN BY
Dy.CE/W-II/CN/BNC) LC WILL BE RETAINED/EXTD
AS PER DOUBLING STANDARDS.


15+250.000
15+300.000
15+350.000
15+400.000
15+450.000
EXG. BR. NO. 515 @ CH:198236m SPAN 1 x 6.1 m PSC SLAB
PRO.TO BE EXTD AS 1 X6.00 x 3.10 M PSC SLAB @ CH:15+465.699
PRO.CURVE NO.39(
R = 900 m, D = 1.
A = 3°41'37.76"
TL = 29.03 m
CL = 58.05 m
TRL = 40 m
SE =50 mm
V = 85kmph
15/11
Mast Type ---
Chainage 15236.168
15/13
Mast Type ---
Chainage 15279.168
15/15
Mast Type ---
Chainage 15323.168
15/17
Mast Type ---
Chainage 15366.168
15/19
Mast Type ---
Chainage 15410.168
15/21
Mast Type ---
Chainage 15452.168
(43)
(44)
(43)
(44)
(42)
(44)
SUB URBAN LINE
15/12
Mast Type ---
Chainage 15236.168
15/14
Mast Type ---
Chainage 15279.168
15/16
Mast Type ---
Chainage 15323.168
15/18
Mast Type ---
Chainage 15366.168
15/20
Mast Type ---
Chainage 15410.168
15/22
Mast Type ---
Chainage 15452.168



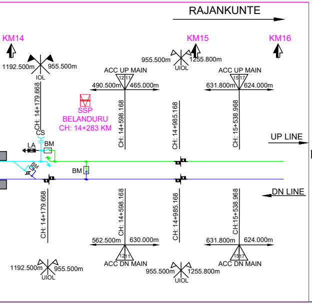
UP&DN) LH
94°
15+500.000
TTC1- PRO. CURVE:39 (UP&DN LINE) ; Ch: 15530.00
15+550.000
TP1- PRO. CURVE:39 (UP&DN LINE) ; Ch:15550.00
TCC1- PRO. CURVE:39 (UP&DN LINE) ; Ch: 15570.00
TCC2- PRO. CURVE:39 (UP&DN LINE) ; Ch: 15588.05
15+600.000
TP2- PRO. CURVE:39 (UP&DN LINE) ; Ch: 15608.5
TTC2- PRO. CURVE:39 (UP&DN LINE) ; Ch:15628.05
15+650.000
PRO.CURVE NO.40(UP&DN)RH
R = 1250 m, D = 1.4°
A = 3°08'21.83"
TL = 34.25 m
CL = 68.49 m
TRL = 40 m
SE =50 mm
V = 90 kmph
TTC1- PRO. CURVE:40 (UP&DN LINE) ; Ch: 15696.560
15+700.000
TP1- PRO. CURVE:40 (UP&DN LINE) ; Ch: 15716.564
TCC1- PRO. CURVE:40 (UP&DN LINE) ; Ch: 15736.560
ACC CENTRE FOR UP MAIN
15
17
T.L =631.800m
Loc: 14/45
CH: 14907.168m
T.L =624.000m
Loc: 16/09
CH:16162.968m
15/23
Mast Type ---
Chainage 15496.168
15/25
Mast Type ---
Chainage 15538.968
15/27
Mast Type ---
Chainage 15576.968
15/29
Mast Type ---
Chainage 15619.968
15/31
Mast Type ---
Chainage 15661.968
15/33
Mast Type ---
Chainage 15699.968
ACA
(42.8)
200
(38)
ACA
090
(43)
(42)
(38)
120
(36)
ACA
ACA
15/24
Mast Type ---
Chainage 15496.168
15/26
Mast Type ---
Chainage 15538.968
15/28
Mast Type ---
Chainage 15576.968
15/30
Mast Type ---
Chainage 15619.968
15/32
Mast Type ---
Chainage 15661.968
15/34
Mast Type ---
Chainage 15699.968
Loc: 14/46
CH: 14907.168m
T.L =631.800m
Loc: 16/10
CH:16162.968m
T.L =624.000m
15
17
ACC CENTRE FOR DN MAIN


R 37
R 1200
CH:15750
900.653
PRO.BSRP
GRADIENT
15+750.000
TCC2- PRO. CURVE:40 (UP&DN LINE) ;
Ch: 15765.06
TP2- PRO. CURVE:40 (UP&DN LINE) ;
Ch: 15785.061
Refer Drawing No:-
KRDD01-TDR-CR04-GEN-OCS-PGP-00007
15/35
Mast Type ---
Chainage 15735.968
15/37
Mast Type ---
Chainage 15764.968
(29)
(34)
(35.9)
15/36
Mast Type ---
Chainage 15735.968
15/38
Mast Type ---
Chainage 15764.968
UP LINE
MARATHALLI
SUBURBAN
DN LINE


HEELALIGE
KM13
1030.500m
1192.500m
UIOL
ACC UP MAIN
14 17
562.500m
630.000m
CH: 13+131.168
CH: 13+621.668
⑦
BELANDURU
SUBURBAN
CH: 13+810Km
UP LINE
KARMELARAM
SUBURBAN
DN LINE
LA
BM
CS
CH: 13+131.168
CH: 13+621.668
562.500m
630.000m
14 17
ACC DN MAIN
1030.500m
1192.500m
IOL

LEGEND

Sr. No.	DESCRIPTION	SYMBOL
1	OHE Span length in metres	(30)
2	Insulated Overlap (IOL)	
3	Un insulated Overlap (UIOL)	
4	Section Insulator	
5	Single Pole Isolator	
6	Double pole Isolator with Earth Heel	
7	Normal Mast with Single Cantilever Assembly at Viaduct	
8	Normal Mast with Multiple Cantilever Assembly at Viaduct	
9	Normal Mast with triple Cantilever Assembly at Viaduct	
10	Portal with Drop Arm and Single Cantilever Assembly at Viaduct	
11	Portal with Drop Arm and Double Cantilever Assembly at Viaduct	
12	Two Track Cantilever Assembly (TTC 5.50/8.0) at Viaduct	
13	Normal Mast with Single Cantilever Assembly at Grade	
14	Normal Mast with Multiple Cantilever Assembly at Grade	
15	Normal Mast with triple Cantilever Assembly at Grade	
16	Portal with Drop Arm and Single Cantilever Assembly at Grade	
17	Portal with Drop Arm and Double Cantilever Assembly at Grade	
18	Two Track Cantilever Assembly (TTC 5.50/8.0) at Grade	
19	Drop arm support with single cantilever (6"x6" DA)	
20	Drop arm support with Double cantilever (8"x6" DA)	
21	Drop arm support with triple cantilever (8"x6" DA)	
22	Anchoring stay with Fixed Termination-conv.	FTA
23	Anchoring Stay with Spring Termination Anchor	BWA
24	Versine	300
25	Anticreep Anchor	ACA
26	Anticreep Center	ACC
27	Tension Length	TL
28	Upright Details (Clearspan)	
29	Sub-Sectioning and Paralleling Post (SSP	
30	Sub-Sectioning Post (SS)	
31	Sectioning and Paralleling Post (SP)	
32	Feeding Post (FP)	
33	Obligatory	
34	To Be Decided	
35	Interrupter(BM)	
36	Potential Transformer (PT)	
37	Lightning Arrestor (LA)	
38	Booster Transformer	
39	Spare	
40	Overhead Protection Conductor Anchor	
41	Return Conductor Anchor	
42	Tramway OHE	
43	In-Run Wire	
44	Out-of Run Wire	
45	PTFE	
46	Overhead Protection Conductor	
47	Return Conductor	
48	Cross feeder	
49	Slack feeder	
50	Full Feeding Jumper	
51	Potential Equalising Jumper	
52	In-Span Jumper	
53	RC and OPC Support	
54	Track at UP/DN line (Corridor 2)	
55	Track on Viaduct	


RAJANKUNTE
KM14
KM15
KM16
1192.500m
955.500m
IOL
955.500m
1255.800m
UIOL
ACC UP MAIN
12
11
490.500m
465.000m
ACC UP MAIN
15
17
631.800m
624.000m
CH: 14+179.668
SSP
BELANDURU
CH: 14+283 KM
CH: 14+598.168
CH: 14+985.168
CH: 15+538.968
UP LINE
CS
LA
BM
BM
BM
DN LINE
CH: 14+179.668
CH: 14+598.168
CH: 14+985.168
CH:15+538.968
562.500m
630.000m
631.800m
624.000m
12
11
15
17
ACC DN MAIN
ACC DN MAIN
1192.500m
955.500m
UIOL
955.500m
1255.800m
UIOL

MARATHALLI SUBURBAN

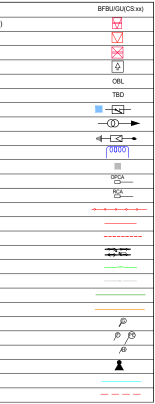
NOTES:

1. ALL DIMENSIONS ARE IN METER UNLESS MENTIONED OTHERWISE.
2. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
3. ANY DISCREPANCY IN THE DRAWING MUST BE BROUGHT TO THE NOTICE OF THE DESIGNER.
4. INTERFACE WITH OTHER DESIGN DISCIPLINE WILL BE DONE AS PER AVAILABILITY OF DETAILS.

R0	30-08-2024	First Submission	KD / SB	CK/NP	RK/SK
REV	DATE	DESCRIPTION	Originator	Checked	Approved

K RIDE

DM / ELE / KRIDE	Sr. DGM / ELE / KRIDE	AGM / ELE / KRIDE


BFBU/GU(CS:xx)
)
OBL
TBD
OPCA
RCA
E
F
PE
H

NOTES:-

1. ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE.
2. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
3. ALIGNMENT OF THE PEGGING PLAN HAS BEEN PREPARED ACCORDING TO THE ALIGNMENT DRAWING RECEIVED FROM GC / KRIDE DT. 22-06-2024.
4. OHE CHAINAGES OF THE PEGGING PLAN HAS BEEN TAKEN WITH REFERENCE TO THE OHE SPANS FROM THE PREVIOUS LOCATION.
5. SPANS ARE ROUNDED OFF TO NEAREST SINGLE DECIMAL.
6. MAST TYPE SHALL BE DEMARCATED IN PEGGING PLAN AFTER FINALIZATION OF OHE LOAD CALCULATIONS.
7. OHE HEIGHT CLEARANCE UNDER/OVER LINE STRUCTURE (HT. LINE X-ING ETC.) TO BE CONFIRMED OR SPECIAL CARE TO BE TAKEN BEFORE ERECTION FOR THAT PARTICULAR AREA WHEREVER REQUIRED.
8. OHE LOCATIONS IN THE ELEVATED SECTION WILL BE FINALIZED AFTER RECEIVING OF PIER SPAN ARRANGEMENT.

FOR TENDER PURPOSE ONLY

Certified that this document has been designed and checked in accordance with GC Quality Assurance Plan.

EGIS-AECOM-WSP

Senior Discipline Expert	Chief Discipline Expert	Project Director

Certified that this document has been designed and checked in accordance with DDC Quality Assurance Plan.

Detailed Design Consultant for design of Traction & Auxiliary Power Supply and Distribution for BSRP

SYSTRA MVA CONSULTING (INDIA) PVT. LTD.
10th and 11th Floor, Tower-B, 12/3, Vatika
Mindscapes, Mathura Road, NH2, Sector 27D,
Faridabad, Haryana 121013

Drawn		Checked:		Approved:	
K.Devaraj		D. Kalyan		R. Kapoor	
S. Bhati		N. Parmar		S. Kumar	Satish Kumar

Client:

RAIL INFRASTRUCTURE
DEVELOPMENT COMPANY
(KARNATAKA) LIMITED

Project Title: Bengaluru Suburban Rail Project (BSRP)
(Detailed Design Consultant for design of Traction & Auxiliary Power Supply and Distribution for BSRP)

Corridor-4 (Heelalige -Rajankunte)

Drawing Title:	Project Stage:
OHE Pegging Plan for Main Line CH: 13+050.00Km to CH: 15+750.00Km	Tender Drawing

Paper Size:	Discipline:	Date:	Scale:
297X5000	Power Supply & Traction System	30/08/2024	NTS

Drawing no.:	Revision:
KRDD01-TDR-CR04-GEN-OCS-PGP-00006	R0