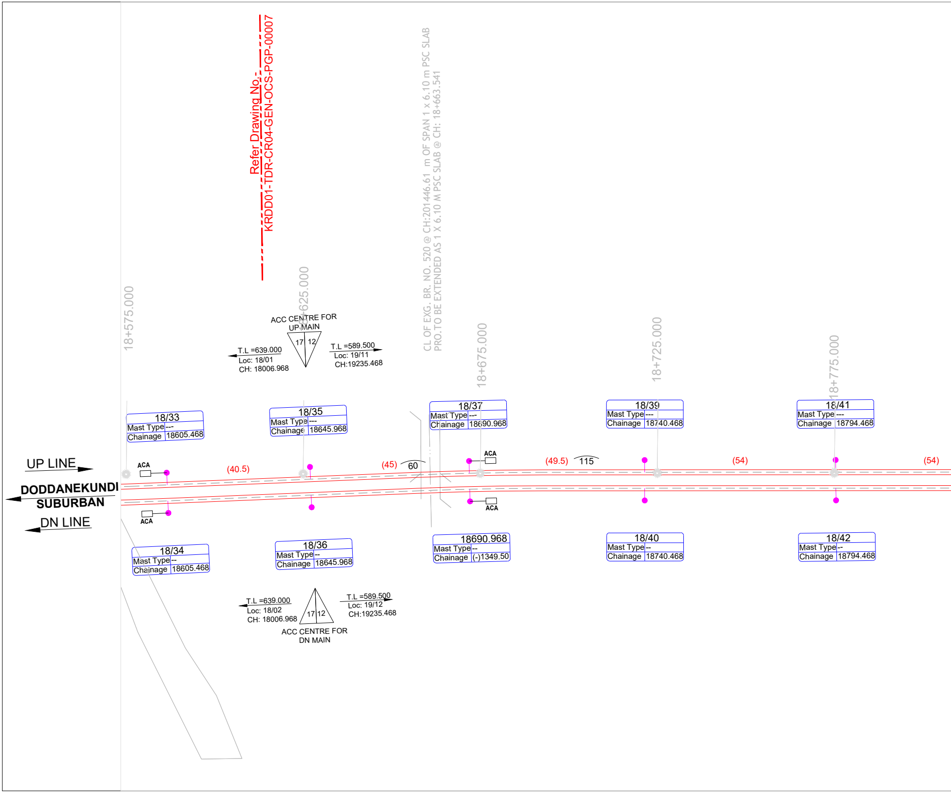
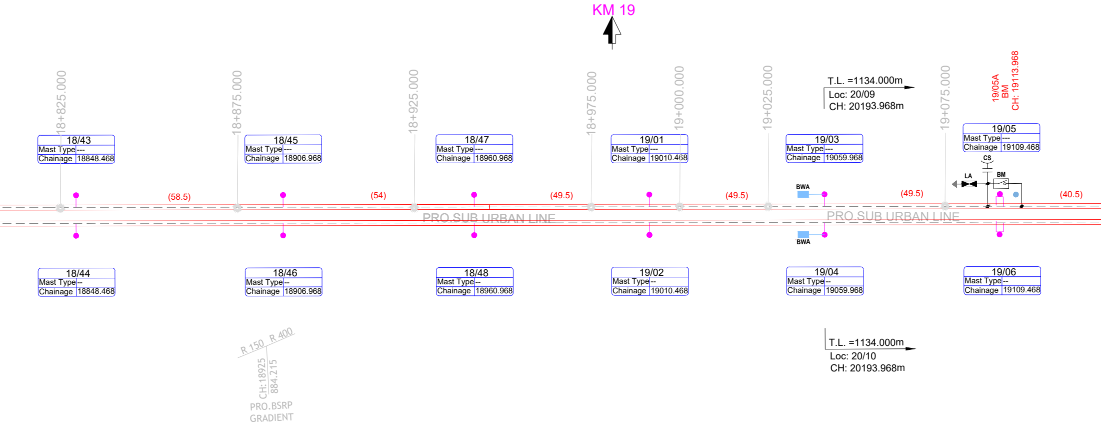
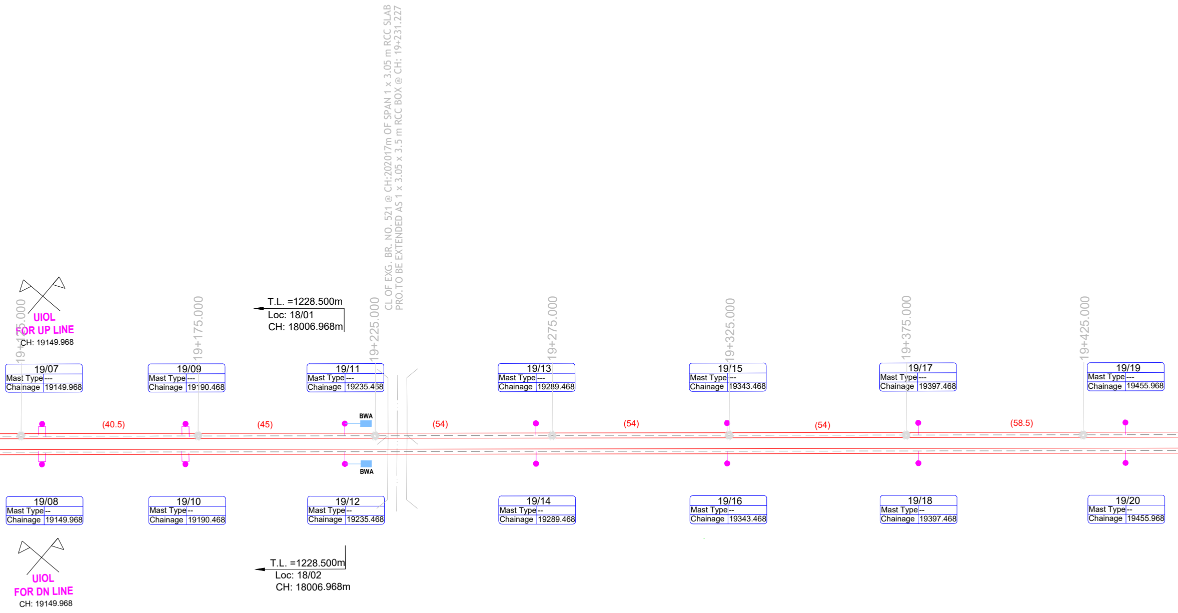
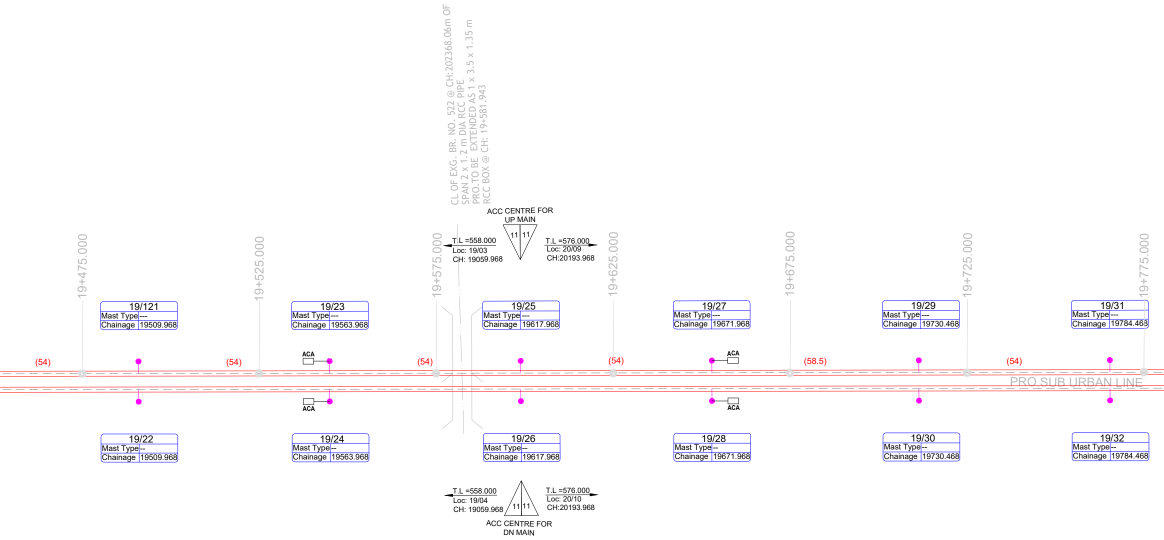
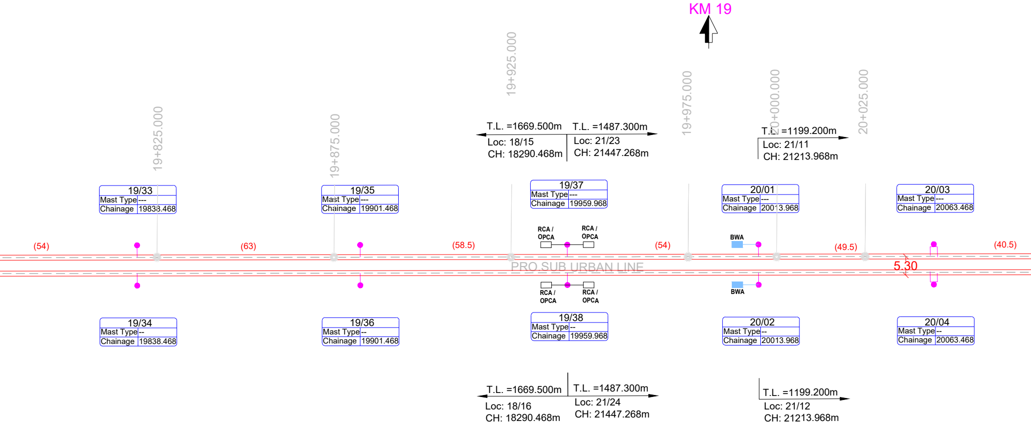
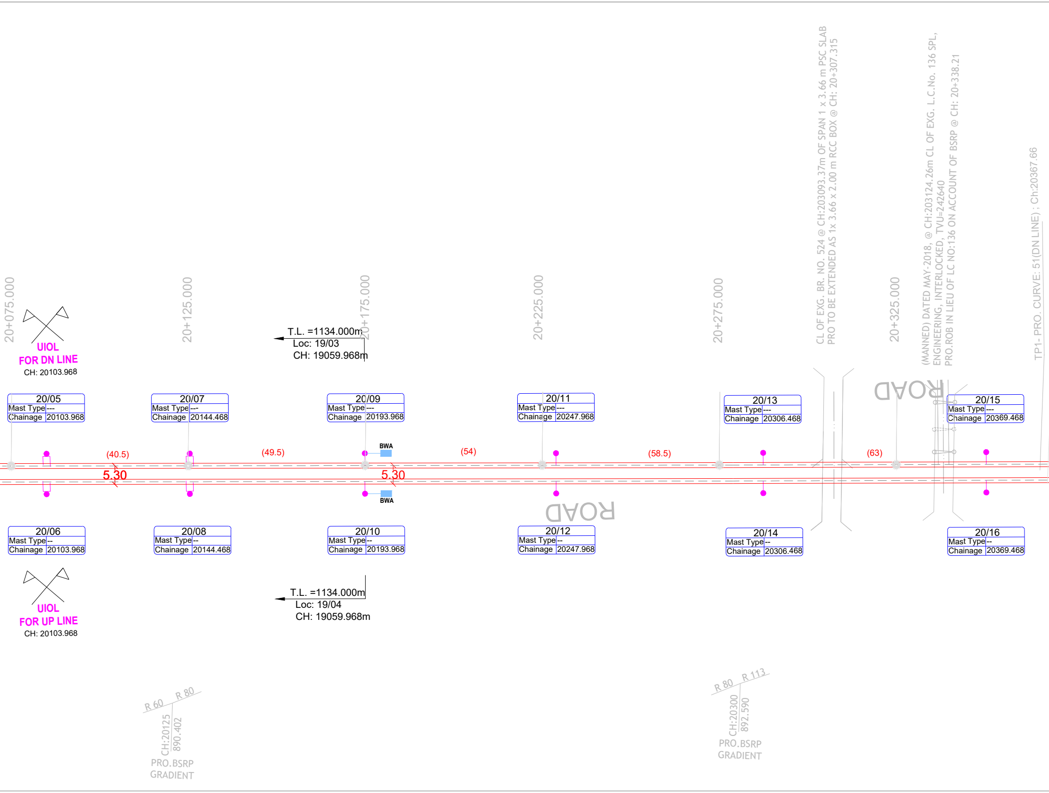

Refer Drawing No:-
KRDD01-TDR-CR04-GEN-OCS-PGP-00007
CL OF EXG. BR. NO. 520 @ CH:201446.61 m OF SPAN 1 x 6.10 m PSC SLAB
PRO.TO BE EXTENDED AS 1 X 6.10 M PSC SLAB @ CH: 18+663.541
18+575.000
18+625.000
18+675.000
18+725.000
18+775.000
ACC CENTRE FOR
UP MAIN
17
12
T.L =639.000
Loc: 18/01
CH: 18006.968
T.L =589.500
Loc: 19/11
CH:19235.468
18/33
Mast Type ---
Chainage 18605.468
18/35
Mast Type ---
Chainage 18645.968
18/37
Mast Type ---
Chainage 18690.968
18/39
Mast Type ---
Chainage 18740.468
18/41
Mast Type ---
Chainage 18794.468
UP LINE
DODDANEKUNDI
SUBURBAN
DN LINE
ACA
(40.5)
(45)
60
ACA
(49.5)
115
(54)
(54)
ACA
ACA
18/34
Mast Type --
Chainage 18605.468
18/36
Mast Type --
Chainage 18645.968
18690.968
Mast Type --
Chainage (-)1349.50
18/40
Mast Type --
Chainage 18740.468
18/42
Mast Type --
Chainage 18794.468
T.L =639.000
Loc: 18/02
CH: 18006.968
17
12
T.L =589.500
Loc: 19/12
CH:19235.468
ACC CENTRE FOR
DN MAIN

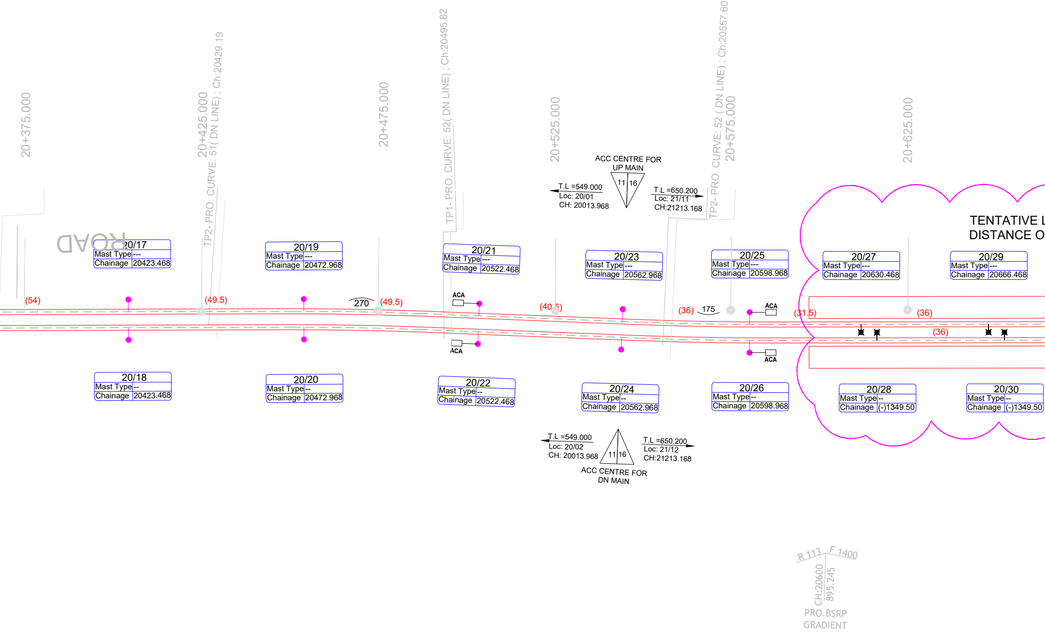

KM 19
18+825.000
18+875.000
18+925.000
18+975.000
19+000.000
19+025.000
19+075.000
T.L. =1134.000m
Loc: 20/09
CH: 20193.968m
19/05A
BM
CH: 19113.968
18/43
Mast Type ---
Chainage 18848.468
18/45
Mast Type ---
Chainage 18906.968
18/47
Mast Type ---
Chainage 18960.968
19/01
Mast Type ---
Chainage 19010.468
19/03
Mast Type ---
Chainage 19059.968
19/05
Mast Type ---
Chainage 19109.468
CS
LA
BM
BWA
(58.5)
(54)
(49.5)
(49.5)
(49.5)
(40.5)
PRO.SUB URBAN LINE
PRO.SUB URBAN LINE
BWA
18/44
Mast Type --
Chainage 18848.468
18/46
Mast Type --
Chainage 18906.968
18/48
Mast Type --
Chainage 18960.968
19/02
Mast Type --
Chainage 19010.468
19/04
Mast Type --
Chainage 19059.968
19/06
Mast Type --
Chainage 19109.468
T.L. =1134.000m
Loc: 20/10
CH: 20193.968m
R 150
R 400
CH:18925
884.215
PRO.BSRP
GRADIENT

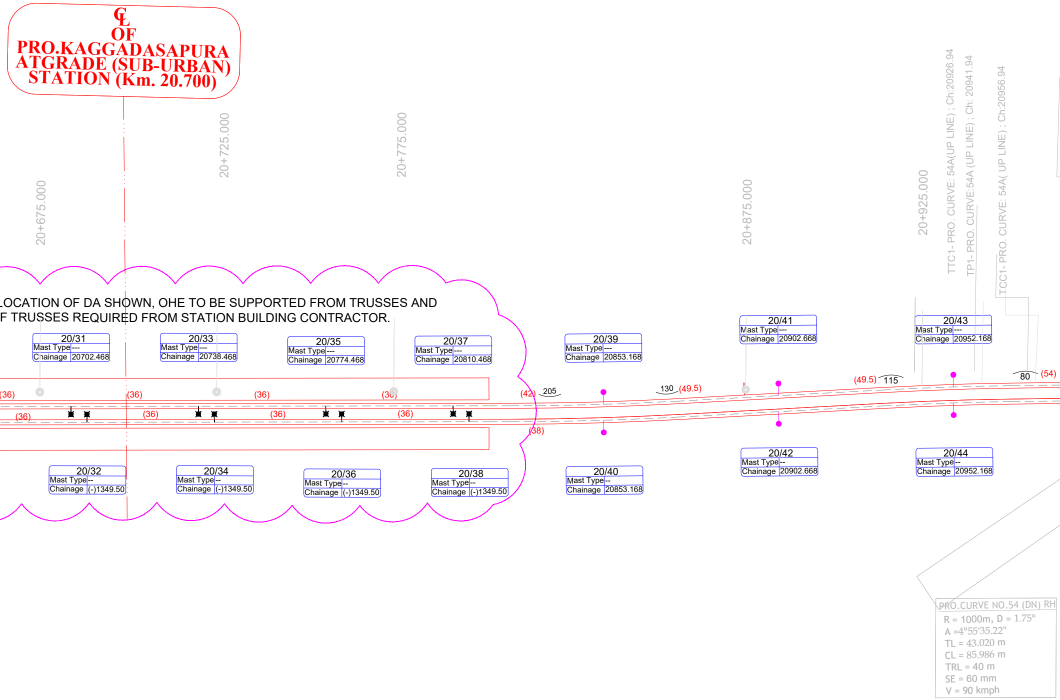

UIOL
FOR UP LINE
CH: 19149.968
T.L. =1228.500m
Loc: 18/01
CH: 18006.968m
CL OF EXG. BR. NO. 521 @ CH:202017m OF SPAN 1 x 3.05 m RCC SLAB
PRO.TO BE EXTENDED AS 1 x 3.05 x 3.5 m RCC BOX @ CH: 19+231.227
19+125.000
19+175.000
19+225.000
19+275.000
19+325.000
19+375.000
19+425.000
19/07
Mast Type ---
Chainage 19149.968
19/09
Mast Type ---
Chainage 19190.468
19/11
Mast Type ---
Chainage 19235.468
19/13
Mast Type ---
Chainage 19289.468
19/15
Mast Type ---
Chainage 19343.468
19/17
Mast Type ---
Chainage 19397.468
19/19
Mast Type ---
Chainage 19455.968
BWA
(40.5)
(45)
(54)
(54)
(54)
(58.5)
BWA
19/08
Mast Type --
Chainage 19149.968
19/10
Mast Type --
Chainage 19190.468
19/12
Mast Type --
Chainage 19235.468
19/14
Mast Type --
Chainage 19289.468
19/16
Mast Type --
Chainage 19343.468
19/18
Mast Type --
Chainage 19397.468
19/20
Mast Type --
Chainage 19455.968
UIOL
FOR DN LINE
CH: 19149.968
T.L. =1228.500m
Loc: 18/02
CH: 18006.968m


CL OF EXG. BR. NO. 522 @ CH:202368.06m OF
SPAN 2 x 1.2 m DIA RCC PIPE
PRO.TO BE EXTENDED AS 1 x 3.5 x 1.35 m
RCC BOX @ CH: 19+581.943
ACC CENTRE FOR
UP MAIN
11
11
T.L =558.000
Loc: 19/03
CH: 19059.968
T.L =576.000
Loc: 20/09
CH:20193.968
19+475.000
19+525.000
19+575.000
19+625.000
19+675.000
19+725.000
19+775.000
19/121
Mast Type ---
Chainage 19509.968
19/23
Mast Type ---
Chainage 19563.968
19/25
Mast Type ---
Chainage 19617.968
19/27
Mast Type ---
Chainage 19671.968
19/29
Mast Type ---
Chainage 19730.468
19/31
Mast Type ---
Chainage 19784.468
ACA
ACA
(54)
(54)
(54)
(54)
(58.5)
(54)
PRO SUB URBAN LINE
ACA
ACA
19/22
Mast Type --
Chainage 19509.968
19/24
Mast Type --
Chainage 19563.968
19/26
Mast Type --
Chainage 19617.968
19/28
Mast Type --
Chainage 19671.968
19/30
Mast Type --
Chainage 19730.468
19/32
Mast Type --
Chainage 19784.468
T.L =558.000
Loc: 19/04
CH: 19059.968
11
11
T.L =576.000
Loc: 20/10
CH:20193.968
ACC CENTRE FOR
DN MAIN


KM 19
19+825.000
19+875.000
19+925.000
19+975.000
20+000.000
20+025.000
T.L. =1669.500m
Loc: 18/15
CH: 18290.468m
T.L. =1487.300m
Loc: 21/23
CH: 21447.268m
T.L. =1199.200m
Loc: 21/11
CH: 21213.968m
19/33
Mast Type ---
Chainage 19838.468
19/35
Mast Type ---
Chainage 19901.468
19/37
Mast Type ---
Chainage 19959.968
20/01
Mast Type ---
Chainage 20013.968
20/03
Mast Type ---
Chainage 20063.468
RCA / OPCA
RCA / OPCA
BWA
(54)
(63)
(58.5)
(54)
(49.5)
(40.5)
PRO.SUB URBAN LINE
5.30
RCA / OPCA
RCA / OPCA
BWA
19/34
Mast Type --
Chainage 19838.468
19/36
Mast Type --
Chainage 19901.468
19/38
Mast Type --
Chainage 19959.968
20/02
Mast Type --
Chainage 20013.968
20/04
Mast Type --
Chainage 20063.468
T.L. =1669.500m
Loc: 18/16
CH: 18290.468m
T.L. =1487.300m
Loc: 21/24
CH: 21447.268m
T.L. =1199.200m
Loc: 21/12
CH: 21213.968m

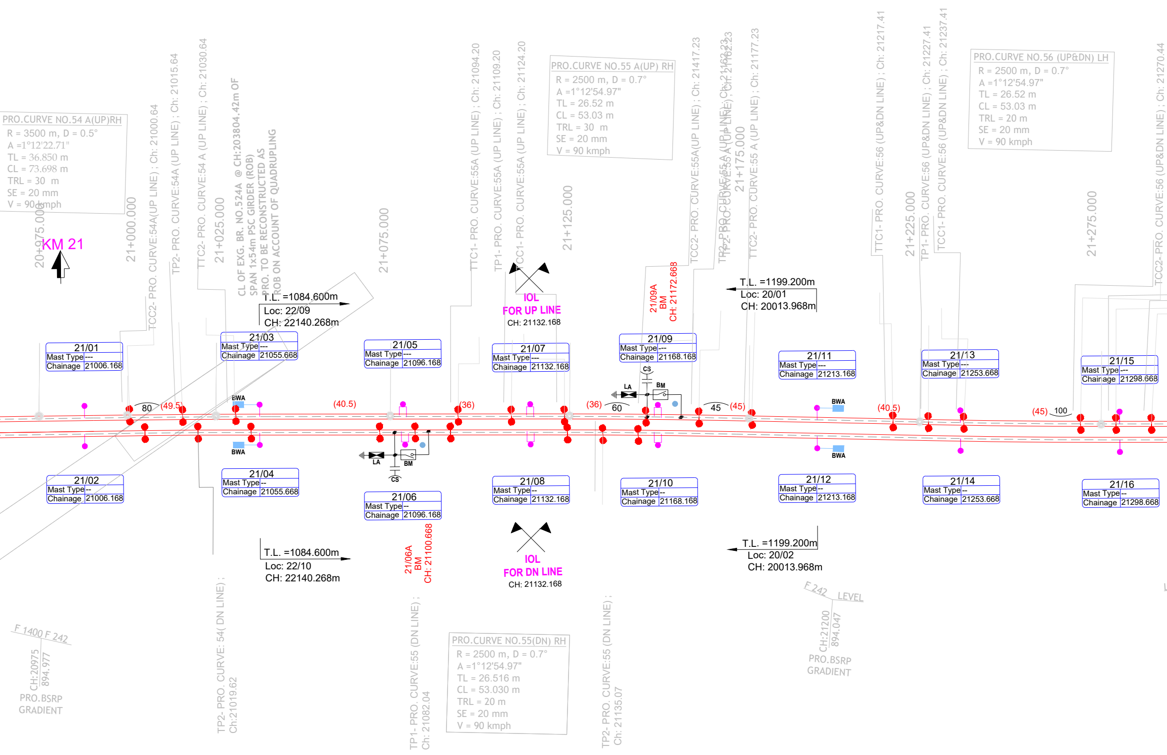

20+075.000
20+125.000
20+175.000
20+225.000
20+275.000
20+325.000
CL OF EXG. BR. NO. 524 @ CH:203093.37m OF SPAN 1 x 3.66 m PSC SLAB
PRO TO BE EXTENDED AS 1x 3.66 x 2.00 m RCC BOX @ CH: 20+307.315
(MANNED) DATED MAY-2018, @ CH:203124.26m CL OF EXG. L.C.No. 136 SPL,
ENGINEERING, INTERLOCKED, TVU=242640
PRO.ROB IN LIEU OF LC NO:136 ON ACCOUNT OF BSRP @ CH: 20+338.21
TP1- PRO. CURVE: 51(DN LINE) ; Ch:20367.66
UIOL
FOR DN LINE
CH: 20103.968
T.L. =1134.000m
Loc: 19/03
CH: 19059.968m
ROAD
20/05
Mast Type ---
Chainage 20103.968
20/07
Mast Type ---
Chainage 20144.468
20/09
Mast Type ---
Chainage 20193.968
20/11
Mast Type ---
Chainage 20247.968
20/13
Mast Type ---
Chainage 20306.468
20/15
Mast Type ---
Chainage 20369.468
BWA
(40.5)
(49.5)
(54)
(58.5)
(63)
5.30
5.30
BWA
ROAD
20/06
Mast Type --
Chainage 20103.968
20/08
Mast Type --
Chainage 20144.468
20/10
Mast Type --
Chainage 20193.968
20/12
Mast Type --
Chainage 20247.968
20/14
Mast Type --
Chainage 20306.468
20/16
Mast Type --
Chainage 20369.468
UIOL
FOR UP LINE
CH: 20103.968
T.L. =1134.000m
Loc: 19/04
CH: 19059.968m
R 60
R 80
CH:20125
890.402
PRO.BSRP
GRADIENT
R 80
R 113
CH:20300
892.590
PRO.BSRP
GRADIENT

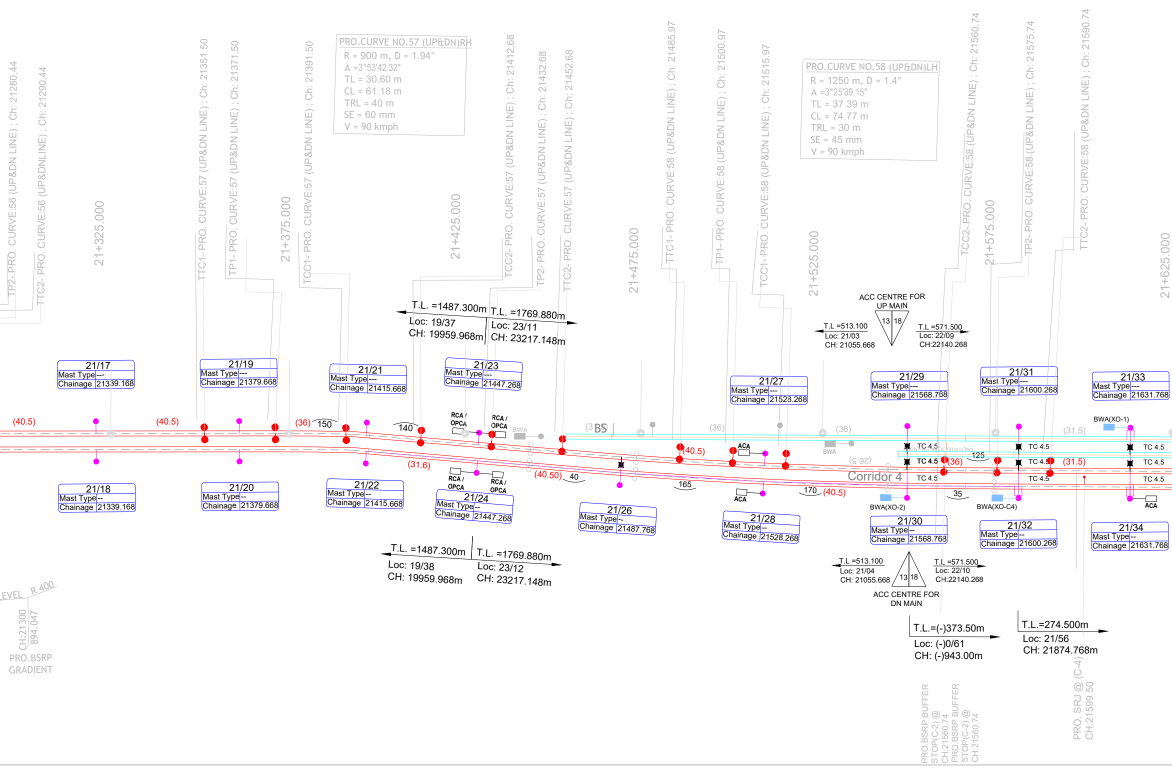

20+375.000
20+425.000
TP2- PRO. CURVE: 51(DN LINE) ; Ch:20429.19
20+475.000
TP1- PRO. CURVE: 52(DN LINE) ; Ch:20495.82
20+525.000
TP2- PRO. CURVE: 52 (DN LINE) ; Ch:20557.60
20+575.000
20+625.000
ROAD
20/17
Mast Type ---
Chainage 20423.468
20/19
Mast Type ---
Chainage 20472.968
20/21
Mast Type ---
Chainage 20522.468
20/23
Mast Type ---
Chainage 20562.968
20/25
Mast Type ---
Chainage 20598.968
20/27
Mast Type ---
Chainage 20630.468
20/29
Mast Type ---
Chainage 20666.468
20/18
Mast Type --
Chainage 20423.468
20/20
Mast Type --
Chainage 20472.968
20/22
Mast Type --
Chainage 20522.468
20/24
Mast Type --
Chainage 20562.968
20/26
Mast Type --
Chainage 20598.968
20/28
Mast Type --
Chainage (-)1349.50
20/30
Mast Type --
Chainage (-)1349.50
TENTATIVE L
DISTANCE O
(54)
(49.5)
270
(49.5)
ACA
(40.5)
(36)
175
ACA
(31.5)
(36)
(36)
ACA
ACA
ACC CENTRE FOR
UP MAIN
11
16
T.L =549.000
Loc: 20/01
CH: 20013.968
T.L =650.200
Loc: 21/11
CH:21213.168
T.L =549.000
Loc: 20/02
CH: 20013.968
11
16
T.L =650.200
Loc: 21/12
CH:21213.168
ACC CENTRE FOR
DN MAIN
R 113
F 1400
CH:20600
895.245
PRO.BSRP
GRADIENT

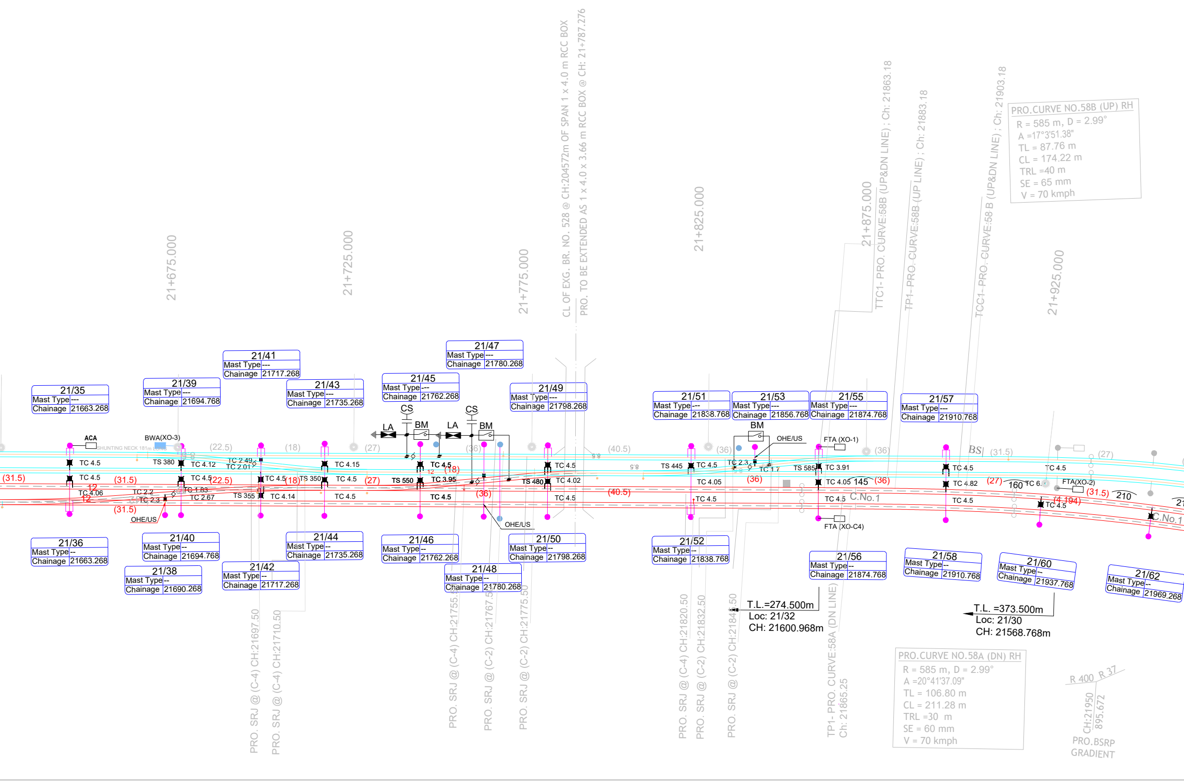

CL
OF
PRO.KAGGADASAPURA
ATGRADE (SUB-URBAN)
STATION (Km. 20.700)
20+675.000
20+725.000
20+775.000
20+875.000
20+925.000
TTC1- PRO. CURVE: 54A(UP LINE) ; Ch:20926.94
TP1- PRO. CURVE:54A (UP LINE) ; Ch: 20941.94
TCC1- PRO. CURVE: 54A(UP LINE) ; Ch:20956.94
20/31 Mast Type --- Chainage 20702.468
20/33 Mast Type --- Chainage 20738.468
20/35 Mast Type --- Chainage 20774.468
20/37 Mast Type --- Chainage 20810.468
20/39 Mast Type --- Chainage 20853.168
20/41 Mast Type --- Chainage 20902.668
20/43 Mast Type --- Chainage 20952.168
20/32 Mast Type -- Chainage (-)1349.50
20/34 Mast Type -- Chainage (-)1349.50
20/36 Mast Type -- Chainage (-)1349.50
20/38 Mast Type -- Chainage (-)1349.50
20/40 Mast Type -- Chainage 20853.168
20/42 Mast Type -- Chainage 20902.668
20/44 Mast Type -- Chainage 20952.168
(36)
(36)
(36)
(36)
(36)
(36)
(36)
(36)
(36)
(42)
205
(38)
130
(49.5)
(49.5)
115
80
(54)

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

PRO.CURVE NO.54 (DN) RH
R = 1000m, D = 1.75°
A =4°55'35.22"
TL = 43.020 m
CL = 85.986 m
TRL = 40 m
SE = 60 mm
V = 90 kmph

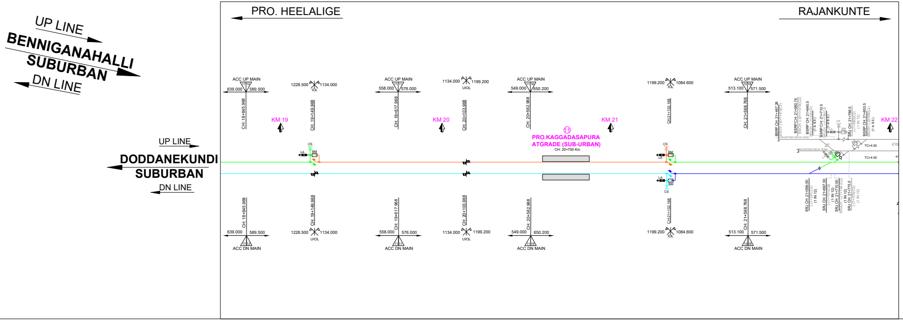

PRO.CURVE NO.54 A(UP)RH
R = 3500 m, D = 0.5°
A =1°12'22.71"
TL = 36.850 m
CL = 73.698 m
TRL = 30 m
SE = 20 mm
V = 90 kmph
KM 21
20+975.000
21+000.000
TCC2- PRO. CURVE:54A(UP LINE) ; Ch: 21000.64
TP2- PRO. CURVE:54A (UP LINE) ; Ch: 21015.64
TTC2- PRO. CURVE:54 A (UP LINE) ; Ch: 21030.64
21+025.000
CL OF EXG. BR. NO.524A @ CH:203804.42m OF
SPAN 1x54m PSC GIRDER (ROB)
PRO. TO BE RECONSTRUCTED AS
ROB ON ACCOUNT OF QUADRUPLING
21+075.000
T.L. =1084.600m
Loc: 22/09
CH: 22140.268m
TTC1- PRO. CURVE:55A (UP LINE) ; Ch: 21094.20
TP1- PRO. CURVE:55A (UP LINE) ; Ch: 21109.20
TCC1- PRO. CURVE:55A (UP LINE) ; Ch: 21124.20
21+125.000
IOL
FOR UP LINE
CH: 21132.168
PRO.CURVE NO.55 A(UP) RH
R = 2500 m, D = 0.7°
A =1°12'54.97"
TL = 26.52 m
CL = 53.03 m
TRL = 30 m
SE = 20 mm
V = 90 kmph
21/09A
BM
CH: 21172.668
TCC2- PRO. CURVE:55A(UP LINE) ; Ch: 21417.23
TP2- PRO. CURVE:55 A (UP LINE) ; Ch: 21162.23
21+175.000
TTC2- PRO. CURVE:55 A (UP LINE) ; Ch: 21177.23
T.L. =1199.200m
Loc: 20/01
CH: 20013.968m
TTC1- PRO. CURVE:56 (UP&DN LINE) ; Ch: 21217.41
21+225.000
TP1- PRO. CURVE:56 (UP&DN LINE) ; Ch: 21227.41
TCC1- PRO. CURVE:56 (UP&DN LINE) ; Ch: 21237.41
PRO.CURVE NO.56 (UP&DN) LH
R = 2500 m, D = 0.7°
A =1°12'54.97"
TL = 26.52 m
CL = 53.03 m
TRL = 20 m
SE = 20 mm
V = 90 kmph
21+275.000
TCC2- PRO. CURVE:56 (UP&DN LINE) ; Ch: 21270.44
21/01 Mast Type --- Chainage 21006.168
21/03 Mast Type --- Chainage 21055.668
21/05 Mast Type --- Chainage 21096.168
21/07 Mast Type --- Chainage 21132.168
21/09 Mast Type --- Chainage 21168.168
21/11 Mast Type --- Chainage 21213.168
21/13 Mast Type --- Chainage 21253.668
21/15 Mast Type --- Chainage 21298.668
80
(49.5)
BWA
(40.5)
(36)
(36)
60
CS
LA
BM
45
(45)
BWA
(40.5)
(45)
100
BWA
LA
BM
CS
BWA
21/02 Mast Type -- Chainage 21006.168
21/04 Mast Type -- Chainage 21055.668
21/06 Mast Type -- Chainage 21096.168
21/08 Mast Type -- Chainage 21132.168
21/10 Mast Type -- Chainage 21168.168
21/12 Mast Type -- Chainage 21213.168
21/14 Mast Type -- Chainage 21253.668
21/16 Mast Type -- Chainage 21298.668
T.L. =1084.600m
Loc: 22/10
CH: 22140.268m
21/06A
BM
CH: 21100.668
IOL
FOR DN LINE
CH: 21132.168
T.L. =1199.200m
Loc: 20/02
CH: 20013.968m
F 242 LEVEL
CH:21200
894.047
PRO.BSRP
GRADIENT
F 1400 F 242
CH:20975
894.977
PRO.BSRP
GRADIENT
TP2- PRO. CURVE: 54(DN LINE) ;
Ch:21019.62
TP1- PRO. CURVE:55 (DN LINE) ;
Ch: 21082.04
PRO.CURVE NO.55(DN) RH
R = 2500 m, D = 0.7°
A =1°12'54.97"
TL = 26.516 m
CL = 53.030 m
TRL = 20 m
SE = 20 mm
V = 90 kmph
TP2- PRO. CURVE:55 (DN LINE) ;
Ch: 21135.07


TP2- PRO. CURVE:56 (UP&DN LINE) ; Ch: 21280.44
TTC2- PRO. CURVE:56 (UP&DNLINE) ; Ch: 21290.44
21+325.000
TTC1- PRO. CURVE:57 (UP&DN LINE) ; Ch: 21351.50
TP1- PRO. CURVE:57 (UP&DN LINE) ; Ch: 21371.50
21+375.000
TCC1- PRO. CURVE:57 (UP&DN LINE) ; Ch: 21391.50
PRO.CURVE NO.57 (UP&DN)RH
R = 900 m, D = 1.94°
A =3°53'42.32"
TL = 30.60 m
CL = 61.18 m
TRL = 40 m
SE = 60 mm
V = 90 kmph
21+425.000
TCC2- PRO. CURVE:57 (UP&DN LINE) ; Ch: 21412.68
TP2- PRO. CURVE:57 (UP&DN LINE) ; Ch: 21432.68
TTC2- PRO. CURVE:57 (UP&DN LINE) ; Ch: 21452.68
21+475.000
TTC1- PRO. CURVE:58 (UP&DN LINE) ; Ch: 21485.97
TP1- PRO. CURVE:58 (UP&DN LINE) ; Ch: 21500.97
TCC1- PRO. CURVE:58 (UP&DN LINE) ; Ch: 21515.97
21+525.000
PRO.CURVE NO.58 (UP&DN)LH
R = 1250 m, D = 1.4°
A =3°25'39.15"
TL = 37.39 m
CL = 74.77 m
TRL = 30 m
SE = 45 mm
V = 90 kmph
TCC2- PRO. CURVE:58 (UP&DN LINE) ; Ch: 21560.74
21+575.000
TP2- PRO. CURVE:58 (UP&DN LINE) ; Ch: 21575.74
TTC2- PRO. CURVE:58 (UP&DN LINE) ; Ch: 21590.74
21+625.000
T.L. =1487.300m
Loc: 19/37
CH: 19959.968m
T.L. =1769.880m
Loc: 23/11
CH: 23217.148m
ACC CENTRE FOR UP MAIN
13 18
T.L =513.100
Loc: 21/03
CH: 21055.668
T.L =571.500
Loc: 22/09
CH:22140.268
21/17 Mast Type --- Chainage 21339.168
21/19 Mast Type --- Chainage 21379.668
21/21 Mast Type --- Chainage 21415.668
21/23 Mast Type --- Chainage 21447.268
21/27 Mast Type --- Chainage 21528.268
21/29 Mast Type --- Chainage 21568.768
21/31 Mast Type --- Chainage 21600.268
21/33 Mast Type --- Chainage 21631.768
(40.5)
(40.5)
(36)
150
140
RCA / OPCA
RCA / OPCA
BWA
BS
(36)
(36)
(31.5)
BWA(XO-1)
ACA
BWA
(40.5)
TC 4.5
TC 4.5
TC 4.5
TC 4.5
TC 4.5
TC 4.5
TC 4.5
TC 4.5
TC 4.5
(36)
125
(31.5)
(31.6)
RCA / OPCA
RCA / OPCA
(40.50)
40
165
ACA
170
(40.5)
(26.5)
Corridor 4
35
BWA(XO-2)
BWA(XO-C4)
ACA
21/18 Mast Type -- Chainage 21339.168
21/20 Mast Type -- Chainage 21379.668
21/22 Mast Type -- Chainage 21415.668
21/24 Mast Type -- Chainage 21447.268
21/26 Mast Type -- Chainage 21487.768
21/28 Mast Type -- Chainage 21528.268
21/30 Mast Type -- Chainage 21568.768
21/32 Mast Type -- Chainage 21600.268
21/34 Mast Type -- Chainage 21631.768
T.L. =1487.300m
Loc: 19/38
CH: 19959.968m
T.L. =1769.880m
Loc: 23/12
CH: 23217.148m
T.L =513.100
Loc: 21/04
CH: 21055.668
13 18
T.L =571.500
Loc: 22/10
CH:22140.268
ACC CENTRE FOR DN MAIN
T.L.=(-)373.50m
Loc: (-)0/61
CH: (-)943.00m
T.L.=274.500m
Loc: 21/56
CH: 21874.768m
LEVEL R 400
CH:21300
894.047
PRO.BSRP GRADIENT
PRO.BSRP BUFFER STOP(C-2) @ CH:21560.74
PRO.BSRP BUFFER STOP(C-2) @ CH:21560.74
PRO. SRJ @ (C-4) CH:21599.50



21+675.000
21+725.000
21+775.000
21+825.000
21+875.000
21+925.000
CL OF EXG. BR. NO. 528 @ CH:204572m OF SPAN 1 x 4.0 m RCC BOX
PRO. TO BE EXTENDED AS 1 x 4.0 x 3.66 m RCC BOX @ CH: 21+787.276
TTC1- PRO. CURVE:58B (UP&DN LINE) ; Ch: 21863.18
TP1- PRO. CURVE:58B (UP LINE) ; Ch: 21883.18
TCC1- PRO. CURVE:58 B (UP&DN LINE) ; Ch: 21903.18
PRO.CURVE NO.58B (UP) RH
R = 585 m, D = 2.99°
A =17°3'51.38"
TL = 87.76 m
CL = 174.22 m
TRL =40 m
SE = 65 mm
V = 70 kmph
21/35 Mast Type --- Chainage 21663.268
21/36 Mast Type -- Chainage 21663.268
21/38 Mast Type -- Chainage 21690.268
21/39 Mast Type --- Chainage 21694.768
21/40 Mast Type -- Chainage 21694.768
21/41 Mast Type --- Chainage 21717.268
21/42 Mast Type -- Chainage 21717.268
21/43 Mast Type --- Chainage 21735.268
21/44 Mast Type -- Chainage 21735.268
21/45 Mast Type --- Chainage 21762.268
21/46 Mast Type -- Chainage 21762.268
21/47 Mast Type --- Chainage 21780.268
21/48 Mast Type -- Chainage 21780.268
21/49 Mast Type --- Chainage 21798.268
21/50 Mast Type -- Chainage 21798.268
21/51 Mast Type --- Chainage 21838.768
21/52 Mast Type -- Chainage 21838.768
21/53 Mast Type --- Chainage 21856.768
21/55 Mast Type --- Chainage 21874.768
21/56 Mast Type -- Chainage 21874.768
21/57 Mast Type --- Chainage 21910.768
21/58 Mast Type -- Chainage 21910.768
21/60 Mast Type -- Chainage 21937.768
21/62 Mast Type -- Chainage 21969.268
ACA
SHUNTING NECK 181m LONG
BWA(XO-3)
CS
LA
BM
OHE/US
FTA (XO-1)
FTA (XO-C4)
FTA(XO-2)
(31.5)
(22.5)
(18)
(27)
(36)
(40.5)
TC 4.5
TC 4.06
TC 2.2
TC 2.3
TS 380
TC 4.12
TC 2.49
TC 2.01
TC 1.83
TC 2.67
TS 355
TC 4.14
TS 350
TC 4.15
TS 550
TC 3.95
TS 480
TC 4.02
TS 445
TC 4.05
TC 2.3
TC 1.7
TS 585
TC 3.91
145
TC 4.82
160
210
(4.194)
BS
C.No.1
12
T.L.=274.500m
Loc: 21/32
CH: 21600.968m
T.L. =373.500m
Loc: 21/30
CH: 21568.768m
PRO. SRJ @ (C-4) CH:21697.50
PRO. SRJ @ (C-4) CH:21710.50
PRO. SRJ @ (C-4) CH:21755.50
PRO. SRJ @ (C-2) CH:21767.50
PRO. SRJ @ (C-2) CH:21775.50
PRO. SRJ @ (C-4) CH:21820.50
PRO. SRJ @ (C-2) CH:21832.50
PRO. SRJ @ (C-2) CH:21844.50
TP1- PRO. CURVE:58A (DN LINE) Ch: 21865.25
PRO.CURVE NO.58A (DN) RH
R = 585 m, D = 2.99°
A =20°41'37.09"
TL = 106.80 m
CL = 211.28 m
TRL =30 m
SE = 60 mm
V = 70 kmph
R 400
R 37
CH:21950
895.672
PRO.BSRP GRADIENT

Refer Drawing No:-
KRDD01-TDR-CR04-GEN-OCS-PGP-00009


PRO. HEELALIGE
RAJANKUNTE
UP LINE
BENNIGANAHALLI
SUBURBAN
DN LINE
UP LINE
DODDANEKUNDI
SUBURBAN
DN LINE
ACC UP MAIN
639.000
589.500
17 12
CH: 18+645.968
1228.500
1134.000
IOL
CH: 19+149.968
KM 19
ACC UP MAIN
558.000
576.000
11 11
CH: 19+617.968
1134.000
1199.200
UIOL
CH: 20+103.968
KM 20
ACC UP MAIN
549.000
650.200
11 16
CH: 20+562.968
⑪
PRO.KAGGADASAPURA
ATGRADE (SUB-URBAN)
CH: 20+700 Km
KM 21
1199.200
1084.600
IOL
CH:21+132.168
ACC UP MAIN
513.100
571.500
13 18
CH: 21+568.768
CS
LA
BM
BSRP CH: 21+467.28
BSCH: (-)0+1+413(C2)
BSRP CH: 21+560.74
BSCH: (-)0+1+319(C2)
BSRP CH: 21+645.5
SRJCH: (-)1+203(C2)
(1 in 8.5)
BSRP CH: 21+710.5
SRJCH: (-)1+138(C2)
(1 in 8.5)
SRJ CH: 21+788.5
(-)1+060(C2)
(1 IN 12)
BSRP CH: 21+853.5
SRJCH: (-)0+995(C2)
(1 in 8.5)
SHUNTING NECK 353M
SHUNTING NECK 353M
TC=4.50
TC=4.50
KM 22
SRJ CH: 21+599.50
(-)1+241(C2)
(1 IN 12)
SRJ CH: 21+697.50
(-)1+151(C2)
(1 IN 12)
SRJ CH: 21+710.50
SRJCH: (-)1+138 (C2)
(1 IN 12)
SRJ CH: 21+775.5
(-)1+073(C2)
(1 IN 12)
CH: 18+645.968
639.000
589.500
17 12
ACC DN MAIN
CH: 19+149.968
1228.500
1134.000
UIOL
CH: 19+617.968
558.000
576.000
11 11
ACC DN MAIN
CH: 20+103.968
1134.000
1199.200
UIOL
CH: 20+562.968
549.000
650.200
11 16
ACC DN MAIN
CH:21+132.168
1199.200
1084.600
IOL
CH: 21+568.768
513.100
571.500
13 18
ACC DN MAIN

UP LINE

BENNIGANAHALLI
SUBURBAN

DN LINE

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.

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)	BFBU/GU(CS:xx)
29	Sub-Sectioning and Paralleling Post (SSP)	
30	Sub-Sectioning Post (SS)	
31	Sectioning and Paralleling Post (SP)	☒
32	Feeding Post (FP)	
33	Obligatory	OBL
34	To Be Decided	TBD
35	Interrupter(BM)	
36	Potential Transformer (PT)	
37	Lightning Arrestor (LA)	
38	Booster Transformer	
39	Spare	■
40	Overhead Protection Conductor Anchor	OPCA
41	Return Conductor Anchor	RCA
42	Tramway OHE	
43	In-Run Wire	
44	Out-of Run Wire	
45	PTFE	PTFE
46	Overhead Protection Conductor	OPC
47	Return Conductor	RC
48	Cross feeder	
49	Slack feeder	
50	Full Feeding Jumper	G
51	Potential Equalising Jumper	F PE
52	In-Span Jumper	H
53	RC and OPC Support	▲
54	Track at UP/DN line (Corridor 2)	
55	Track on Viaduct	

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 SPAN 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. AT KM 18 DETAILS OF CROSSING ON RUB NO. 519A IS REQUIRED FOR FINALIZING OHE LOCATIONS.
9. FROM LOC 21/30 to 21/58 DUE TO INTERFACE BETWEEN CORRIDOR 2 & 4 FINAL OHE ARRANGEMENT WILL BE DONE KEEPING WITH CORRIDOR 2 OHE ARRANGEMENTS.

FOR TENDER PURPOSE ONLY

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

K RIDE

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

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:	
I. Alam		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 (Pro. Heelalige -Rajankunte)

Drawing Title: OHE Pegging Plan for Main Line
CH: 18+605.468Km to CH: 21+969.268Km

Project Stage: Tender Drawing

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

Drawing no.: KRDD01-TDR-CR04-GEN-OCS-PGP-00008
Revision: R0