

(B-RAMP)
 STA. 0+21.9708
 X + 53,658.4122
 Y +260,264.7778

L= 10.0000 DL= 6.4628 L= 10.3725

(N-BYP)
 M. + 527.5872
 X + 53,662.7097
 Y +260,264.9509

STA. 0+32.3432
 X + 53,649.3775
 Y +260,264.6995

L= 0.0000 DL= 8.7500 L= 0.0

M. + 537.5872
 X + 53,655.2887
 Y +260,258.2481

STA. 0+32.3432
 X + 53,649.3775
 Y +260,264.6995

DL= 8.7500

M. + 537.5872
 X + 53,655.2887
 Y +260,258.2481

DL1= 8.7500
 DL2= 0.0000

(NOSE POINT) X + 53,649.3775
 Y +260,264.6995

TOTAL L= 10.0000 TOTAL L= 10.3725

(MOM-R)
 NO. 6+01.9501
 X + 53,756.0907
 Y +260,361.0707
 T 120 11 42.09

(B-RAMP)

STA. 3+26.2385
 X + 53,737.8835
 Y +260,350.4760
 T 300 08 12.41

L= 37.5903 DL= 21.0653 L= 38.0704

() NO. 7+19.5404
 X + 53,737.1848
 Y +260,393.5607

STA. 2+88.1681
 X + 53,715.1213
 Y +260,380.7220

DL= 25.5271

(NOSE POINT) X + 53,715.1213
 Y +260,380.7220

DL1= 25.5271
 DL2= 0.0000

TOTAL L= 37.5903 TOTAL L= 38.0704

(MOM-R)

NO. 7+09.5404
X + 53,742.2143
Y +260,384.9175

L= 10.0000 DL= 22.7798 L= 10.3828

(B-RAMP)

STA. 2+98.5509
X + 53,722.5253
Y +260,373.4605

NO. 7+19.5404
X + 53,737.1848
Y +260,393.5607

L= 0.0000 DL= 25.5271 L= 0.0

STA. 2+88.1681
X + 53,715.1213
Y +260,380.7220

NO. 7+19.5404
X + 53,737.1848
Y +260,393.5607

DL= 25.5271

STA. 2+88.1681
X + 53,715.1213
Y +260,380.7220

(NOSE POINT) X + 53,715.1213
Y +260,380.7220

DL1= 25.5271

DL2= 0.0000

TOTAL L= 10.0000

TOTAL L= 10.3828

MOMBASA J.C.T

D-RAMP DEC.

S-01555-2 (FORM 8)

PAGE 9

(MOM-R)

NO. 3+03.9133
X + 53,785.2800
Y +260,310.9085
T 120 11 42.09

IA= 0 03 29.67
1/ 983.74

(D-RAMP)

STA. 0+00.0000
X + 53,767.0218
Y +260,300.2841
T 300 08 12.41

L= 50.6767 DL= 21.1243 L= 51.0408

NO. 0+13.2366
X + 53,810.7676
Y +260,267.1076

STA. 0+51.0408
X + 53,788.5755
Y +260,254.1941

DL= 25.6758

(NOSE POINT) X + 53,788.5755
Y +260,254.1941

DL1= 25.6758
DL2= 0.0000

TOTAL L= 50.6767

TOTAL L= 51.0408

MOMBASA J.C.T.

D-RAMP DEC.

***** S-01555-2 (FORM 8-2)

PAGE 10

(MOM-R)

NO. 1+03.2366
X + 53,805.7381
Y +260,275.7508

L= 10.0000 DL= 23.4705 L= 10.2442

NO. 0+13.2366
X + 53,810.7676
Y +260,267.1076

STA. 0+51.0408
X + 53,788.5755
Y +260,254.1941

L= 0.0000 DL= 25.6758 L= 0.0

NO. 0+13.2366
X + 53,810.7676
Y +260,267.1076

STA. 0+51.0408
X + 53,788.5755
Y +260,254.1941

DL= 25.6758

(NOSE POINT) X + 53,788.5755
Y +260,254.1941

DL1= 25.6758

DL2= 0.0000

TOTAL L= 10.0000 TOTAL L= 10.2442

MOMBASA J.C.T

D-RAMP ACC.

S-01555-2 (FORM 8)

PAGE 11

(N-BYP)

(D-RAMP)

() STA. 4+57.0399
X + 53,717.6723
Y +260,309.1298
T 215 54 17.50

STA. 3+51.6213
X + 53,720.7516
Y +260,304.8773
T 35 54 17.50

IA= 0 00 00.00
1/*****

L= 59.0320 DL= 5.2500 L= 59.1981

() STA. 5+16.0718
X + 53,671.3729
Y +260,272.5370

STA. 2+92.4232
X + 53,679.3671
Y +260,263.2550

DL= 12.2500

(NOSE POINT) X + 53,679.3671
Y +260,263.2550

DL1= 12.2500
DL2= 0.0000

TOTAL L= 59.0320

TOTAL L= 59.1981

MOMBASA J.C.T

D-RAMP ACC.

S-01555-2 (FORM S-2)

PAGE 12

(N-BYP >

() STA. 5+06.0718
 X + 53,678.9964
 Y +260,279.0085

L= 10.0000 DL= 9.2092 L= 10.3125

() STA. 5+16.0718
 X + 53,671.3729
 Y +260,272.5370

L= 0.0000 DL= 12.2500 L= 0.0

() STA. 5+16.0718
 X + 53,671.3729
 Y +260,272.5370

DL= 12.2500

(NOSE POINT) X + 53,679.3671
 Y +260,263.2550

TOTAL L= 10.0000

TOTAL L= 10.3125

(D-RAMP)

STA. 3+02.7357
 X + 53,684.9059
 Y +260,271.9454

STA. 2+92.4232
 X + 53,679.3671
 Y +260,263.2550

STA. 2+92.4232
 X + 53,679.3671
 Y +260,263.2550

KOMBASA J.C.T

C-RAMP DEC.

S-01555-2 (FORM 8)

PAGE 13

(N=5YP)

STA. 5+31.0922
 X + 53,590.7647
 Y +260,190.6698
 T 230 09 04.44

IA= 0 00 00.00
 1/*****

(C-RAMP)

STA. 0+00.0000
 X + 53,597.4824
 Y +260,185.0631
 T 50 09 04.44

L= 19.3723 DL= 8.7500 L= 19.5231

STA. 6+11.7199
 X + 53,603.3819
 Y +260,205.3690

STA. 0+19.5231
 X + 53,612.5659
 Y +260,197.2624

DL= 12.2500

(NOSE POINT) X + 53,612.5659
 Y +260,197.2624

DL1= 12.2500
 DL2= 0.0000

TOTAL L= 19.3723

TOTAL L= 19.5231

MOMBASA J. C. T

C-RAMP, DEC.

***** S-01555-2 (FORM 8-2)

PAGE 14

(N-BYP)

() STA. 6+21.7199
X + 53,596.8121
Y +260,197.8248

L= 10.0000 DL= 9.5501 L= 10.2255

() STA. 6+11.7199
X + 53,603.3819
Y +260,205.3690

L= 0.0000 DL= 12.2500 L= 0.0

() STA. 6+11.7199
X + 53,603.3819
Y +260,205.3690

DL= 12.2500

(NOSE POINT) X + 53,612.5659
Y +260,197.2624

TOTAL L= 10.0000

TOTAL L= 10.2255

(C-RAMP)

STA. 0+09.2976
X + 53,604.0674
Y +260,191.6079

STA. 0+19.5231
X + 53,612.5659
Y +260,197.2624

STA. 0+19.5231
X + 53,612.5659
Y +260,197.2624

KOMBASA J.-C.T.

C-RAMP ACC.

S-01555-2 (FORM 8)

PAGE 15

(MOM-R)

NO. - 4+00.6193
 X + 53,857.9719
 Y +260,185.9863
 T 120 11 42.09

IA= 0 03 29.67
 1/ 983.74

(C-RAMP)

STA. 2+73.6924
 X + 53,839.5862
 Y +260,175.2820
 T 300 08 12.41

L= 15.8080 DL= 21.2713 L= 16.6443

NO. - 3+04.8112
 X + 53,850.0213
 Y +260,199.6495

STA. 2+57.0541
 X + 53,827.7606
 Y +260,186.6960

DL= 25.7552

(NOSE POINT) X + 53,827.7606
 Y +260,186.6960

DL1= 25.7552
 DL2= 0.0000

TOTAL L= 15.8080 TOTAL L= 16.6443

MOMBASA J.C.T

C-RAMP ACC.

S-01555-2 (FORM 8-2)

PAGE 16

(NOM-R)

() NO. - 3+14.8112
X + 53,855.0503
Y +260,191.0063

L= 10.0000 DL= 21.8328 L= 10.8000

(C-RAMP)

STA. 2+67.8540
X + 53,836.1803
Y +260,180.0256

() NO. - 3+04.8112
X + 53,850.0213
Y +260,199.6495

L= 0.0000 DL= 25.7552 L= 0.0

STA. 2+57.0541
X + 53,827.7606
Y +260,186.6960

() NO. - 3+04.8112
X + 53,850.0213
Y +260,199.6495

DL= 25.7552

STA. 2+57.0541
X + 53,827.7606
Y +260,186.6960

(NOSE POINT) X + 53,827.7606
Y +260,186.6960

DL1= 25.7552
DL2= 0.0000

TOTAL L= 10.0000 TOTAL L= 10.8000

(MOM-R)

NO. - 5+13.5553
 X + 53,854.4191
 Y +260,192.0918
 T 120 11 42.09

IA= 0 03 14.68
 1/1059.53

(E-RAMP)
 STA. 0+0C.0000
 X + 53,872.7817
 Y +260,202.7770
 T 120 14 56.76

L= 15.8077 OL= 21.2452 L= 16.6443

NO. - 2+17.7476
 X + 53,846.4687
 Y +260,205.7547

STA. 0+16.6443
 X + 53,862.7078
 Y +260,218.6956

OL= 25.7303

(NOSE POINT) X + 53,868.7078
 Y +260,218.6956

DL1= 25.7303
 DL2= 0.0000

TOTAL L= 15.8077 TOTAL L= 16.6443

(MOM-R)

NO. - 3+07.7476
 X + 53,851.4981
 Y +260,197.1115

L= 10.0000 DL= 21.8071 L= 10.8003

(E-RAMP)

STA. 0+05.8441
 X + 53,870.3464
 Y +260,208.0793

NO. - 2+17.7476
 X + 53,846.4687
 Y +260,205.7547

L= 0.0000 DL= 25.7303 L= 0.0

STA. 0+16.6443
 X + 53,868.7078
 Y +260,218.6956

NO. - 2+17.7476
 X + 53,846.4687
 Y +260,205.7547

DL= 25.7303

STA. 0+16.6443
 X + 53,868.7078
 Y +260,218.6956

(NOSE POINT) X + 53,868.7078
 Y +260,218.6956

DL1= 25.7303
 DL2= 0.0000

TOTAL L= 10.0000 TOTAL L= 10.8003

MOMBASA J.-C.T

E-RAMP ACC.

S-01555-2 (FORM 8)

PAGE 19

(N-BYP)

(E-RAMP)

() STA. 2+07.7328
X + 53,931.3716
Y +260,437.3197
T 209 49 37.50

STA. 2+81.9778
X + 53,933.1125
Y +260,434.2834
T 29 49 37.51

IA= 0 00 00.00
1/*****

L= 16.9540 DL= 3.5000 L= 18.0178

() STA. 2+24.6367
X + 53,916.6635
Y +260,428.8871

STA. 2+63.9600
X + 53,921.0156
Y +260,421.2962

DL= 8.7500

(NOSE POINT) X + 53,921.0156
Y +260,421.2962

DL1= 8.7500
DL2= 0.0000

TOTAL L= 16.9540

TOTAL L= 18.0178

MOMBASA J.C.T

E-RAMP ACC.

S-01555-2 (FORM 2-2)

PAGE 20

(N-BYP)

() STA. 2+14.6867
X + 53,925.3368
Y +260,433.8609

L= 10.0000 DL= 4.3171 L= 11.0000

() STA. 2+24.6867
X + 53,916.6635
Y +260,428.8971

L= 0.0000 DL= 8.7500 L= 0.0

() STA. 2+24.6867
X + 53,916.6635
Y +260,428.8971

DL= 8.7500

(NOSE POINT) X + 53,921.0156
Y +260,421.2962

TOTAL L= 10.0000

TOTAL L= 11.0000

(E-RAMP)

STA. 2+74.9600
X + 53,927.4861
Y +260,430.1157

STA. 2+63.9600
X + 53,921.0156
Y +260,421.2962

STA. 2+63.9600
X + 53,921.0156
Y +260,421.2962

(N-BYP)
 STA. 3+50.6147
 X + 53,807.4473
 Y +260,366.1994
 T 210 09 19.34

IA= 1 15 29.07
 1/ 45.54

L= 43.0500 DL= 5.2500 L= 43.2268

(F-RAMP)
 STA. 0+00.0000
 X + 53,810.0851
 Y +260,361.6599
 T 28 53 50.27

() STA. 5+07.5648
 X + 53,844.7643
 Y +260,387.6649

DL= 8.7500

TOTAL L= 43.0500

(NOSE POINT) X + 53,849.1164
 Y +260,380.0740

DL1= 8.7500
 DL2= 0.0000

TOTAL L= 43.2268

(N-BYP)

() STA. 3+17.5648
 X + 53,836.0890
 Y +260,382.6910

L= 10.0000 DL= 7.0781 L= 10.1414

(F-RAMP)

STA. 0+33.0854
 X + 53,839.6095
 Y +260,376.5506

() STA. 3+07.5648
 X + 53,844.7643
 Y +260,387.6649

STA. 0+43.2268
 X + 53,849.1164
 Y +260,380.0740

L= 0.0000 DL= 8.7500 L= 0.0

() STA. 3+07.5648
 X + 53,844.7643
 Y +260,387.6649

STA. 0+43.2268
 X + 53,849.1164
 Y +260,380.0740

DL= 8.7500

(NOSE POINT) X + 53,849.1164
 Y +260,380.0740

DL1= 8.7500

DL2= 0.0000

TOTAL L= 10.0000 TOTAL L= 10.1414

S-01555-2 (FORM 8)

F-RAMP ACC.

MOMBASA J.C.T

(C-RAMP)

STA. 3+62.9944

X + 53,800.4625

Y +260,326.7891

T 120 14 56.76

IA= 0 03 14.68

1/*****

(MOM-R)

NO. 3+1C.0033

X + 53,732.2171

Y +260,316.1721

T 120 11 42.09

L= 50.6770 DL= 21.1097 L= 51.0408

STA. 3+11.9536

X + 53,829.8811

Y +260,295.2754

NO. 0+19.3262

X + 53,807.7048

Y +260,272.3710

DL= 25.6575

(NOSE POINT) X + 53,829.8811

Y +260,285.2754

DL1= 25.6575

DL2= 0.0000

TOTAL L= 50.6770 TOTAL L= 51.0408

S-01555-2 (FORM 8-2)

F-RAMP ACC.

POMBASA J-C-Y

(C-RAMP)

(NOM-R)

STA. 3+22.1977
 X + 53,822.9461
 Y +260,292.8097

NO. 0+19.3262
 X + 53,802.6754
 Y +260,281.0142

L= 10.0000 DL= 23.4529 L= 10.2441

STA. 3+11.9536
 X + 53,829.8311
 Y +260,285.2754

NO. 0+19.3262
 X + 53,807.7048
 Y +260,272.3710

L= 0.0000 DL= 25.6575 L= 0.0

STA. 3+11.9536
 X + 53,829.8311
 Y +260,285.2754

NO. 0+19.3262
 X + 53,807.7048
 Y +260,272.3710

DL= 25.6575

DL1= 25.6575
 DL2= 0.0000

(NOSE POINT) X + 53,329.3911
 Y +260,285.2754

TOTAL L= 10.0000 TOTAL L= 10.2441

(N-BYP)

STA. 1+01.5880
 X + 54,023.4555
 Y +260,490.1145
 T 209 49 37.50

IA= 4 00 15.02
 1/ 14.29

(G-RAMP)

STA. 0+00.0000
 X + 54,023.4555
 Y +260,490.1145
 T 205 49 22.48

L= 50.0000 DL= 0.0000 L= 50.1224

STA. 1+51.5880
 X + 53,980.0789
 Y +260,465.2453

STA. 0+50.1224
 X + 53,978.3381
 Y +260,468.2816

L= 50.0000 DL= 3.5000 L= 50.1224

STA. 2+01.5880
 X + 53,936.7024
 Y +260,440.3761

STA. 1+00.2447
 X + 53,933.2207
 Y +260,446.4488

DL= 7.0000

(NOSE POINT) X + 53,933.2207
 Y +260,446.4488

DL1= 7.0000
 DL2= 0.0000

TOTAL L= 100.0000 TOTAL L= 100.2447

(N-BYP)

STA. 1+91.5380
 X + 53,945.3777
 Y +260,445.3499

L= 10.0000 DL= 6.3000 L= 10.0245

(G-RAMP)

STA. 0+90.2202
 X + 53,942.2442
 Y +260,450.8153

STA. 2+01.5320
 X + 53,936.7024
 Y +260,440.3761

L= 0.0000 DL= 7.0000 L= 0.0

STA. 1+00.2447
 X + 53,933.2207
 Y +260,446.4488

STA. 2+01.5880
 X + 53,936.7024
 Y +260,440.3761

DL= 7.0000

STA. 1+00.2447
 X + 53,933.2207
 Y +260,446.4488

(NOSE POINT) X + 53,933.2207
 Y +260,446.4488

DL1= 7.0000
DL2= 0.0000

TOTAL L= 10.0000 TOTAL L= 10.0245

S-01555-2 (FORM 8)

G-RAMP ACC.

MOBASA J.C.T

(MON-R)
 NO. 14+00.6596
 X + 53,676.2685
 Y +260,498.2463
 T 120 11 42.09

IA= 0 03 14.68
 1/*****

(MON-R)
 NO. 11+04.9582
 X + 53,704.2833
 Y +260,450.1025

L= 55.7014 DL= 20.9109 L= 56.0286

(G-RAMP)
 STA. 3+81.8040
 X + 53,694.3422
 Y +260,508.7633
 T 120 14 56.76

DL= 25.4634

(NOSE POINT)
 X + 53,726.2918
 Y +260,462.9092

DL1= 25.4634
 DL2= 0.0000

TOTAL L= 55.7014 TOTAL L= 56.0286

G-RAMP ACC.

POBASA J.C.T

(MOM-R)
 () NO. 11+04.9582
 X + 53,699.2538
 Y +260,458.7457

(G-RAMP)
 STA. 3+25.7754
 X + 53,719.5261
 Y +260,476.5421

L= 10.0000 DL= 23.4547 L= 10.2017

() NO. 11+04.9582
 X + 53,704.2833
 Y +260,450.1025

STA. 3+25.7754
 X + 53,726.2918
 Y +260,462.9092

L= 0.0000 DL= 25.4634 L= 0.0

() NO. 11+04.9582
 X + 53,704.2833
 Y +260,450.1025

STA. 3+25.7754
 X + 53,726.2918
 Y +260,462.9092

DL= 25.4634

(NOSE POINT) X + 53,726.2918
 Y +260,462.9092

DL1= 25.4634
 DL2= 0.0000

TOTAL L= 10.0000 TOTAL L= 10.2017

NAME	N O.	X	Y	R1	A	R2	L	ERROR	ANG.	TYPE
BP 00-0	7+10.00000	+53,892.86657	+260,126.01924	0.00000	0.00000	0.00000	610.00000	0	00	00.00
EP 00-0	23+00.00000	+53,586.07019	+260,653.25351							

BP 00-0 / EP 00-0 L= 610.0000

R1= 0.0000
 A = 0.0000
 R2= 0.0000

N O.	X	Y	T	D	A	STATION	X	Y	L
- 7+00.0000	+53,892.8666	+260,126.0192	120 11 42.09	10.0000	120 11 42.09	-20+00	54 018 6028	259,908 9398	400
- 7+00.0000	+53,387.8371	+260,134.6624	120 11 42.09	20.0000	120 11 42.09	-19+00	54 008 5439	259,927 2260	380
- 6+00.0000	+53,877.7782	+260,151.9488	120 11 42.09	20.0000	120 11 42.09	-18+00	53 998 4849	259,944 5124	360
- 5+00.0000	+53,867.7193	+260,169.2352	120 11 42.09	20.0000	120 11 42.09	-17+00	53 988 4261	259,961 7987	340
- 4+00.0000	+53,857.6604	+260,186.5215	120 11 42.09	20.0000	120 11 42.09	-16+00	53 978 3872	259,979 0851	320
- 3+00.0000	+53,847.6015	+260,203.8079	120 11 42.09	20.0000	120 11 42.09	-15+00	53 968 3083	259,998 3715	300
- 2+00.0000	+53,837.5426	+260,221.0943	120 11 42.09	20.0000	120 11 42.09	-14+00	53 958 2494	260,013 6578	280
- 1+00.0000	+53,827.4837	+260,238.3806	120 11 42.09	20.0000	120 11 42.09	-13+00	53 948 1905	260,030 9442	260
0+00.0000	+53,817.4248	+260,255.6670	120 11 42.09	20.0000	120 11 42.09	-12+00	53 938 1316	260,048 2306	240
1+00.0000	+53,807.3659	+260,272.9534	120 11 42.09	20.0000	120 11 42.09	-11+00	53 928 0727	260,065 5169	220
2+00.0000	+53,797.3070	+260,290.2398	120 11 42.09	20.0000	120 11 42.09	-10+00	53 918 0138	260,082 8033	200
3+00.0000	+53,787.2481	+260,307.5261	120 11 42.09	20.0000	120 11 42.09	- 9+00	53 907 9549	260,100 0897	180
4+00.0000	+53,777.1892	+260,324.8125	120 11 42.09	20.0000	120 11 42.09	- 8+00	53 897 8960	260,117 3761	160
5+00.0000	+53,767.1304	+260,342.0989	120 11 42.09	20.0000	120 11 42.09	- 7+00	53 887 8371	260,134 6624	140
6+00.0000	+53,757.0715	+260,359.3852	120 11 42.09	20.0000	120 11 42.09	- 6+00	53 877 7782	260,151 9488	120
7+00.0000	+53,747.0126	+260,376.6716	120 11 42.09	20.0000	120 11 42.09	- 5+00	53 867 7193	260,169 2352	100
8+00.0000	+53,736.9537	+260,393.9580	120 11 42.09	20.0000	120 11 42.09	- 4+00	53 857 6604	260,186 5215	80
9+00.0000	+53,726.8948	+260,411.2443	120 11 42.09	20.0000	120 11 42.09	- 3+00	53 847 6015	260,203 8079	60
10+00.0000	+53,716.8359	+260,428.5307	120 11 42.09	20.0000	120 11 42.09	- 2+00	53 837 5426	260,221 0948	40
11+00.0000	+53,706.7770	+260,445.8171	120 11 42.09	20.0000	120 11 42.09	- 1+00	53 827 4837	260,238 3806	20
12+00.0000	+53,696.7181	+260,463.1034	120 11 42.09	20.0000	120 11 42.09	0+00	53 817 4248	260,255 6670	0
13+00.0000	+53,686.6592	+260,480.3898	120 11 42.09	20.0000	120 11 42.09				
14+00.0000	+53,676.6003	+260,497.6762	120 11 42.09	20.0000	120 11 42.09				
15+00.0000	+53,666.5414	+260,514.9626	120 11 42.09	20.0000	120 11 42.09				

BP 00-0 / EP 00-0

16+00.0000	+53,656.4825	+260,532.2489	120 11 42.09	20.0000	120 11 42.09
17+00.0000	+53,646.4236	+260,549.5353	120 11 42.09	20.0000	120 11 42.09
18+00.0000	+53,636.3647	+260,566.8217	120 11 42.09	20.0000	120 11 42.09
19+00.0000	+53,626.3058	+260,584.1080	120 11 42.09	20.0000	120 11 42.09
20+00.0000	+53,616.2469	+260,601.3944	120 11 42.09	20.0000	120 11 42.09
21+00.0000	+53,606.1880	+260,618.6803	120 11 42.09	20.0000	120 11 42.09
22+00.0000	+53,596.1291	+260,635.9671	120 11 42.09	20.0000	120 11 42.09
23+00.0000	+53,586.0702	+260,653.2535	120 11 42.09	20.0000	120 11 42.09
24+00.0000	53,576.01131	260,670.53985			
25+00.0000	53,565.95241	260,687.82622			
26+00.0000	53,555.89351	260,705.11259			
27+00.0000	53,545.83462	260,722.39896			
28+00.0000	53,535.77572	260,739.68533			
29+00.0000	53,525.71682	260,756.97170			
30+00.0000	53,515.65792	260,774.25807			
31+00.0000	53,505.59902	260,791.54444			
32+00.0000	53,495.54012	260,808.83081			
33+00.0000	53,485.48122	260,826.11718			
34+00.0000	53,475.42232	260,843.40354			
35+00.0000	53,465.36343	260,860.68991			
36+00.0000	53,455.30453	260,877.97628			
37+00.0000	53,445.24563	260,895.26265			
38+00.0000	53,435.18673	260,912.54902			
39+00.0000	53,425.12783	260,929.83539			
40+00.0000	53,415.06893	260,947.12176			
41+00.0000	53,405.01003	260,964.40813			
42+00.0000	53,394.95114	260,981.69450			
43+00.0000	53,384.89224	260,998.98087			
44+00.0000	53,374.83334	261,016.26724			
45+00.0000	53,364.77444	261,033.55361			
46+00.0000	53,354.71554	261,050.83997			
47+00.0000	53,344.65664	261,068.12634			
48+00.0000	53,334.59774	261,085.41271			
49+00.0000	53,324.53884	261,102.69908			
50+00.0000	53,314.47995	261,119.98545			

NAME	S T A.	X	Y	R1	A	R2	L	ERROR	ANG.	TYPE
BP 00-0	0+00.00000	+53,611.35066	+260,575.40557	0.00000	0.00000	0.00000	85.90502	0 00	00.00	0
KA 01-1	0+25.90502	+53,648.52634	+260,497.96123	0.00000	60.00000	- 60.00000	60.00000	0 00	00.00	200
KE 01-1	1+45.90502	+53,664.59461	+260,440.95637	- 60.00000	0.00000	- 60.00000	16.37279	0 00	00.00	100
KE 01-2	1+62.27731	+53,601.92950	+260,424.92465	- 60.00000	60.00000	0.00000	69.00000	0 00	00.00	200
KA 02-1	2+22.27731	+53,625.59583	+260,375.01409	0.00000	80.00000	+ 150.00000	42.66667	0 00	00.00	200
KE 02-1	2+64.94447	+53,595.67890	+260,347.64715	+ 150.00000	0.00000	+ 150.00000	80.63831	0 00	00.00	100
KE 02-2	3+45.53279	+53,563.60632	+260,274.71715	+ 150.00000	80.00000	0.00000	42.66667	0 00	00.00	200
KA 03-1	3+33.24945	+53,551.44604	+260,232.14360	0.00000	80.00000	- 150.00000	42.66667	0 00	00.00	200
KE 03-1	4+30.91612	+53,559.26577	+260,189.57006	- 150.00000	0.00000	- 150.00000	25.89994	0 00	00.00	100
KE 03-2	4+56.81605	+53,553.34179	+260,164.39445	- 150.00000	100.00000	0.00000	66.66667	0 00	00.00	200
KA 03-2	5+23.46272	+53,523.43125	+260,104.97786	+ 705.25000	0.00000	+ 705.25000	20.50299	0 00	00.00	100
EC 04-0	5+43.96571	+53,513.13975	+260,087.24575							

BP 00-0 / KA 01-1 L= 55.9050

R1= 0.0000
A = 0.0000
R2= 0.0000

S T A.	X	Y	T	D	A
0+00.0000	+53,611.3505	+260,575.6056	295 38 33.24	20.0000	295 38 33.24
0+40.0000	+53,625.0056	+260,557.3753	295 38 33.24	20.0000	295 38 33.24
0+40.0000	+53,623.6607	+260,539.3451	295 38 33.24	20.0000	295 38 33.24
0+60.0000	+53,637.3158	+260,521.3149	295 38 33.24	20.0000	295 38 33.24
0+80.0000	+53,643.9709	+260,503.2847	295 38 33.24	5.9050	295 38 33.24
0+85.9050	+53,643.5263	+260,497.9612	295 36 33.24		

KA 01-1 / KE 01-1 L= 60.0000

R1= 0.0000
A = 60.0000
R2= - 60.0000

S T A.	X	Y	T	D	A
0+85.9050	+53,646.5263	+260,497.9612	295 38 33.24	14.0945	295 06 56.10
1+00.0000	+53,654.5037	+260,425.1993	294 03 41.80	19.9849	290 45 26.83
1+20.0000	+53,661.5916	+260,466.5116	286 23 30.99	19.9499	279 54 18.20
1+40.0000	+53,665.0233	+260,446.8592	272 21 21.86	5.9029	269 43 17.86
1+45.9050	+53,664.9946	+260,440.9564	266 59 40.83		

16.3728

L=

KE 01-1 / KE 01-2

R1= 60.0000
A = 0.0000
R2= 60.0000

S T A.	X	Y	T	D	A
1+45.9050	+53,664.9946	+260,440.9564	266 59 40.83	14.0626	260 15 53.34
1+60.0000	+53,662.6167	+260,427.0965	253 32 05.85	2.2777	252.26.50.59
1+62.2776	+53,661.9298	+260,424.9247	251 21 35.33		

50.0000

L=

KE 01-2 / KA 02-1

R1= 60.0000
A = 60.0000
R2= 0.0000

S T A.	X	Y	T	D	A
1+62.2776	+53,661.9298	+260,424.9247	251 21 35.33	17.6753	243 43 50.74
1+80.0000	+53,654.1069	+260,409.0747	236 56 08.54	19.9730	231 16 03.83
2+00.0000	+53,641.6101	+260,393.4942	226 39 40.90	19.9960	224 10 36.22
2+20.0000	+53,627.2691	+260,379.5596	222 45 11.57	2.2778	222 43 32.48
2+22.2778	+53,625.5958	+260,378.0141	222 42 42.93		

42.6667

L=

KA 02-1 / KE 02-1

R1= 0.0000
A = 80.0000
R2= + 150.0000

S T A.	X	Y	T	D	A
2+22.2778	+53,625.5958	+260,378.0141	222 42 42.93	17.7217	223 10 49.98
2+40.0000	+53,612.6731	+260,365.3271	224 07 04.09	19.9937	226.18 04.21
2+60.0000	+53,598.6601	+260,351.4321	229 04 53.19	4.9443	229 57 10.12
2+64.9445	+53,595.6739	+260,347.6471	230 51 38.37		

80.6383

KE 02-1 / KE 02-2 L=

R1= + 150.0000
A = 0.0000
R2= + 150.0000

S	T	A.	X	Y	T	D	A
2	+64.	9445	+53,595.6789	+260,347.4471	230 51 38.37	15.0492	233 44 09.79
2	+80.	0000	+53,586.7772	+260,335.5130	236 36 41.21	19.9852	240 25 52.19
3	+00.	0000	+53,576.9151	+260,318.1306	244 15 03.18	19.9852	248 04 14.17
3	+20.	0000	+53,569.4514	+260,299.5914	251 53 25.15	19.9852	255 42 36.14
3	+40.	0000	+53,564.5125	+260,280.2246	259 31 47.13	5.5825	260 35 45.57
3	+45.	5828	+53,563.6063	+260,274.7172	261 39 44.01		

42.6667

KE 02-2 / XA 03-1 L=

R1= + 150.0000
A = 80.0000
R2= 0.0000

S	T	A.	X	Y	T	D	A
3	+45.	5828	+53,563.6063	+260,274.7172	261 39 44.01	14.4134	264 06 20.12
3	+60.	0000	+53,562.1281	+260,260.3800	266 14 19.62	19.9972	268 10 15.57
3	+80.	0000	+53,561.4879	+260,240.3929	269 30 22.81	8.2494	269 42 33.90
3	+88.	2495	+53,561.4450	+260,232.1436	269 48 39.45		

A-RAMP

KORUASA J.C.T.

KA 03-1 / KE 03-1 L= 42.6667

RT= 0.0000
A = 50.0000
RZ= 150.0000

S T A.	X	Y	T	D	A
3+83.2495	+53,561.4460	+260,232.1436	269 48 39.45	11.7505	269 36 17.78
4+00.0000	+53,561.3650	+260,220.3974	269 11 34.44	19.9961	267 32 38.86
4+20.0000	+53,560.5032	+260,200.4157	265 17 54.53	10.9143	263 34 09.33
4+30.9161	+53,559.2858	+260,159.5701	261 39 44.01		

KE 03-1 / KE 03-2 L= 25.8999

RT= 150.0000
A = 0.0000
RZ= 150.0000

S T A.	X	Y	T	D	A
4+50.9161	+53,559.2858	+260,159.5701	261 39 44.01	9.0825	259 55 38.39
4+40.0000	+53,557.6973	+260,130.6276	258 11 32.78	16.8072	254 58 50.91
4+56.8161	+53,553.3412	+260,164.3945	251 46 09.04		

KA 03-2 / KA 03-2 L= 66.6667

RT= 150.0000
A = 100.0000
RZ= 0.0000

S T A.	X	Y	T	D	A
4+56.8161	+53,553.3412	+260,164.3945	251 46 09.04	3.1839	251 10 14.77
4+60.0000	+53,552.3142	+260,161.3810	250 34 55.35	19.9904	247 19 36.07
4+80.0000	+53,544.6034	+260,142.9354	244 27 12.15	19.9962	242 20 38.24
5+00.0000	+53,535.3262	+260,125.2237	240 36 59.53	19.9994	239 39 10.97
5+20.0000	+53,523.2225	+260,107.9647	239 04 17.51	3.4827	239 02 54.12
5+23.4827	+53,523.4313	+260,104.9779	239 02 12.42		

S-01555-2 (FORM 9)

A-RAMP

MORBAGA J.C.T

20.5030

L=

04-0

KA 03-2 / EC

R1= + 705.2500
A = 0.0000
R2= + 705.2500

S	T	A.	X	Y	T	D	A
5+23.4827			+53,523.4313	+260,104.9779	239 02 12.42	16.5169	239 42 27.83
5+60.0000			+53,515.0999	+260,090.7161	240 22 43.24	3.9857	240 32 26.09
5+83.9857			+53,515.1397	+260,037.2458	240 42 02.94		

I.P. NO. ()

IP +53,561.7323 +260,319.0534
 TS1 +53,604.6736 +260,353.6094
 TS2 +53,569.5979 +260,315.5095
 TS3 +53,561.5400 +260,260.6181
 O +53,712.0269 +260,252.9659
 SP +53,574.7121 +260,313.3505

TL1 28.4746
 TL2 41.3191
 TK1 14.2497
 TK2 28.4746
 TK3 14.2497

R + 150.0000
 LCA 80.0353
 CL 165.9716
 SL 14.1729

IA 47 05 56.52
 I1 22 42 42.93
 I2 269 48 39.45
 THETA... 30 43 05.64

TAU S 08 55.44 S 08 55.44

A 80.0000
 L 42.6667
 X 42.5804
 Y 2.0198
 DR 0.5053
 XM 21.3190
 W 65.5963
 D 86.9153

NAME	S T A.	X	Y	R1	A	R2	L	T
KA 02-1	2+22.2778	+53,625.5953	+260,379.0141	0.0000	80.0000	+ 150.0000	42.6667	222 42 42.93
KE 02-1	2+64.9445	+53,595.6739	+260,347.6471	+ 150.0000	0.0	+ 150.0000	80.6383	250 51 38.37
KE 02-2	3+45.5823	+53,562.6063	+260,274.7172	+ 150.0000	80.0000	0.0000	42.6667	261 39 44.01
KA 03-1	3+68.2495	+53,561.4460	+260,232.1436					269 48 39.45

***** S-01555-2 (FCRM 4)

A-RAMP

YORHUSA J.C.T

I.P NO. ()

IP	+53,561.2344	+260,167.9844	TL1	28.4746	TK1	14.2497
TS1	+53,561.3521	+260,203.6691	TL2	12.9822		
TS2	+53,557.4032	+260,176.7250	TK3	22.3273	TL3	44.5000
TS3	+53,546.3508	+260,143.1976				
O	+53,410.8712	+260,211.5213				
SP	+53,558.3573	+260,176.3539				

R	- 150.0000
LCA	25.8999
CL	135.2333
SL	8.4238

IA	30 46 27.03
I1	269 48 39.45
I2	239 02 12.42
THEIA ...	9 53 34.97

TAU	3 05 55.44	12 43 56.62
-----------	------------	-------------

A	30.0000	100.0000
L	42.6667	66.6667
X	42.5804	66.3382
Y	2.0198	4.9209
DR	0.5053	1.2324
XM	21.3190	33.2725
W	42.8406	40.1986
D	64.1596	73.4772

NAME	S T A.	X	Y	R1	A	R2	L	T
KA 03-1	3+68.2495	+53,561.4460	+260,232.1436	0.0000	80.0000	- 150.0000	42.6667	269 48 39.45
KE 03-1	4+50.9161	+53,559.2658	+260,189.5701	- 150.0000	0.0	- 150.0000	25.8999	261 39 44.01
KE 03-2	4+56.8161	+53,553.3415	+260,164.3945	- 150.0000	100.0000	0.0000	66.6667	251 46 09.04
KA 03-2	5+23.4327	+53,523.4313	+260,104.9779					239 02 12.42

I-P NO. ()

IP +53,518.1566 +260,096.1866
 AP1 +53,520.7941 +260,100.5825
 AP2 +53,518.6490 +260,091.7159
 S1 +53,520.8101 +260,100.5730
 S +53,518.2211 +260,096.1492
 S2 +53,513.6642 +260,091.7067
 C +53,518.2855 +260,096.1118
 O +54,128.1816 +259,742.1354

R + 705.2500
 TL 10.2522
 P 20.5023
 M 0.0745
 SL 9.0745
 TL1,2 5.1258
 SL1,2 0.0186
 CL 20.5050

IA 1 39 56.52
 T1 239 02 12.42
 T2 240 42 08.94

NAME	S	T	A.	X	Y	R1	A	R2	L	T
KA 03-2	5+23.4827			+53,523.4313	+260,104.9779	+ 705.2500	0.0	+ 705.2500	20.5030	239 02 12.42
EC 04-0	5+43.9357			+53,513.1397	+260,037.2458					240 42 08.94

NAME	S T A.	X	Y	R1	A	R2	L	ERROR	ANG.	TYPE
KA 01-1	0+00.00000	+53,675.80286	+260,283.18179	0.00000	45.00000	- 40.00000	50.62500	0 00	00.00	200
KE 01-1	0+50.62500	+53,631.83535	+260,259.94619	- 40.00000	0.00000	- 40.00000	70.56169	0 00	00.00	100
KEE 01-2	1+21.16669	+53,589.63025	+260,305.03804	- 40.00000	40.00000	- 150.00000	29.33333	0 00	00.00	200
XAE 02-0	1+50.52002	+53,601.13241	+260,331.72981	- 150.00000	0.00000	- 150.00000	80.16967	0 00	00.00	100
XAE 03-1	2+30.68969	+53,661.23786	+260,383.33374	- 150.00000	40.00000	- 40.00000	29.33333	0 00	00.00	200
KEE 03-1	2+60.02302	+53,689.36286	+260,390.66413	- 40.00000	0.00000	- 40.00000	15.59047	0 00	00.00	100
KE 03-2	2+75.61349	+53,704.49113	+260,387.32693	- 40.00000	45.00000	0.00000	50.62500	0 00	00.00	200
KA 03-2	3+26.23849	+53,737.82353	+260,350.47600							

KA 01-1 / KE 01-1 L= 50.6250

R1= 0.0000
A = 45.0000
R2= - 40.0000

S	T	A	X	Y	T	D	A
0+00.0000			+53,675.8030	+260,283.1818	219 53 58.57	19.9913	218 00 48.52
0+20.0000			+53,660.0525	+260,270.8702	214 14 26.74	19.9264	206 41 49.28
0+40.0000			+53,642.2503	+260,261.9178	197 15 51.24	10.6000	190 43 10.58
0+50.6250			+53,631.8354	+260,259.9462	183 38 31.62		

KE 01-1 / KEE 01-2 L= 70.5617

R1= - 40.0000
A = 0.0000
R2= - 40.0000

S	T	A	X	Y	T	D	A
0+50.6250			+53,631.8354	+260,259.9462	183 38 31.62	9.3536	176 55 39.96
0+60.0000			+53,622.4952	+260,260.4475	170 12 48.31	19.7923	155 53 22.11
0+80.0000			+53,604.4296	+260,268.5326	141 33 55.90	19.7923	127 14 29.70
1+00.0000			+53,592.4518	+260,284.2891	112 55 03.50	19.7923	98 35 37.30
1+20.0000			+53,589.4943	+260,303.8592	84 16 11.10	1.1866	83 25 11.44
1+21.1867			+53,589.6302	+260,305.0380	82 34 11.79		

KEE 01-2 / KAE 02-0 L= 29.3333

R1= - 40.0000
A = 40.0000
R2= - 150.0000

S	T	A	X	Y	T	D	A
1+21.1867			+53,589.6302	+260,305.0380	82 34 11.79	18.7114	71 12 21.74
1+40.0000			+53,595.6584	+260,322.7518	61 57 32.91	10.5152	58 37 43.93
1+50.5200			+53,601.1324	+260,331.7298	55 57 33.24		

B-RAMP

KOMBASA J.C.T

30.1697

L=

KAE 02-0 / KAE 03-1

R1= - 150.0000
A = 0.0000
R2= - 150.0000

S T A.	X	Y	T	D	A
1+50.5200	+53,601.1324	+260,331.7298	55 57 33.24	9.4784	54 08 55.29
1+60.0000	+53,606.6838	+260,339.4124	52 20 17.34	19.9852	48 31 06.35
1+80.0000	+53,619.9215	+260,354.3847	44 41 55.36	19.9852	40 52 44.38
2+00.0000	+53,635.0322	+260,367.6643	37 03 33.39	19.9852	33 14 22.40
2+20.0000	+53,651.7475	+260,378.4190	29 25 11.42	10.6874	27 22 41.73
2+30.6897	+53,661.2379	+260,383.3337	25 20 12.04		

KAE 03-1 / KEE 03-1 L= 29.3333

R1= - 150.0000
A = 40.0000
R2= - 40.0000

S T A.	X	Y	T	D	A
2+30.6897	+53,661.2379	+260,383.3337	25 20 12.04	9.3072	23 02 28.42
2+40.0000	+53,669.3026	+260,386.9765	20 13 42.12	19.8823	10 41 24.44
2+60.0000	+53,689.3398	+260,390.6646	358 45 32.18	0.0230	358 44 32.84
2+60.0230	+53,689.3629	+260,390.6641	358 43 33.49		

KEE 03-1 / KE 03-2 L= 15.5905

R1= - 40.0000
A = 0.0000
R2= - 40.0000

S T A.	X	Y	T	D	A
2+60.0230	+53,689.3629	+260,390.6641	358 43 33.49	15.4920	347 33 36.43
2+75.6135	+53,704.4911	+260,387.3269	336 23 39.36		

MOMBASA J.C.T

B-RAMP

***** S-01555-2 (FORM 9)

PAGE 45

KE 03-2 / KA 03-2 L= 50.6250

R1= 60.0000
A= 45.0000
R2= 0.0000

S T A-	X	Y	T	D	A
2+75.6135	+53,704.4911	+260,387.3269	336 23 39.36	4.3845	333 20 36.21
2+80.0000	+53,708.4096	+260,385.3599	330 22 59.77	19.8929	319 11 04.96
3+00.0000	+53,723.4649	+260,372.3574	309 52 35.32	19.9780	304 20 18.15
3+20.0000	+53,734.7341	+260,355.8611	300 41 14.53	6.2385	300 19 13.12
3+26.2385	+53,737.2835	+260,350.4760	300 08 12.41		

I.P. NO. (

IP	+53,624.1211	+260,365.7596
AP1	+53,612.4191	+260,348.4373
AP2	+53,643.0148	+260,374.7054
S1	+53,613.4264	+260,347.5399
S	+53,627.7169	+260,361.5714
S2	+53,643.7494	+260,373.5740
C	+53,631.1851	+260,357.5318
O	+53,725.4283	+260,247.7624

R	- 150.0000
TL	41.0671
D	79.2189
M	5.3242
SL	5.5201
TL1,2	20.1625
SL1,2	1.3490
CL	80.1697

IA	30 37 21.20
T1	55 57 33.24
T2	25 20 12.04

NAME	S	T	A.	X	Y	R1	A	R2	L	T
KAE 02-0	1+50.5200	+53,601.1324	+260,331.7298	- 150.0000	0.0	- 150.0000	80.1697	55 57 33.24		
KAE 03-1	2+30.6897	+53,661.2379	+260,383.3337					25 20 12.04		

MOMBASA J.C.-T

B-RAMP

***** S-01555-2 (FCRM 4)

PAGE 48

I.P NO. (

IP +53,706.3957 +260,404.7151
 TS1 +53,677.2870 +260,390.9327
 TS2 +53,697.2564 +260,390.4886
 TS3 +53,720.5692 +260,380.3007
 0 +53,688.4735 +260,350.6740
 SP +53,697.0901 +260,389.7349

R - 40.0000
 LCA 15.5905
 CL 95.5488
 SL 16.9354

IA 85 11 59.62
 T1 25 20 12.04
 T2 300 08 12.41
 THETA 22 19 54.13

TAU 28 38 52.40 36 15 26.95

A 40.0000 45.0000
 L 29.3333 50.6250
 X 39.0115 48.6350
 Y 6.5486 10.3771
 DR 1.6519 2.6318
 XM 12.8345 24.9784
 W 30.1294 37.7382
 D 49.9639 62.7166

TL1 17.7572 TK1 12.0789
 TL2 7.8954
 TK3 17.5463 TL3 34.4862

NAME	S	T	A.	X	Y	R1	A	R2	L	T
KAE 03-1	2+30.6897			+53,661.2379	+260,383.3337	- 150.0000	40.0000	- 40.0000	29.3333	25 20 12.04
KEE 03-1	2+60.0230			+53,685.3629	+260,390.6641	- 40.0000	0.0	- 40.0000	15.5905	358 43 33.49
KE 03-2	2+75.6135			+53,704.4911	+260,397.3269	- 40.0000	45.0000	0.0000	50.6250	336 23 39.36
KA 03-2	3+26.2385			+53,737.8835	+260,350.4760					300 08 12.41

NAME	S T A.	X	Y	R1	A	R2	L	ERROR	ANG.	TYPE
BC 01-0	0+00.00000	+53,597.48237	+260,185.06311	- 50.00000	0.00000	- 50.00000	81.71529	0 00	00.00	100
EC 01-U	0+81.71529	+53,670.27916	+260,189.30112	0.00000	0.00000	0.00000	17.66367	0 00	00.00	0
BC 02-0	0+99.37896	+53,683.09457	+260,177.14503	+ 70.00000	0.00000	+ 70.00000	90.11742	0 00	00.00	100
EC 02-0	1+89.49637	+53,766.55844	+260,167.47828	0.00000	0.00000	0.00000	37.00602	0 00	00.00	0
BC 03-0	2+26.50240	+53,798.51757	+260,126.13462	- 30.00000	0.00000	- 30.00000	47.19601	0 00	00.00	100
EC 03-0	2+73.69840	+53,839.58676	+260,175.28801							

C-RAMP

KOMSASA J.C.T

81.7153

L=

BC 01-0 / EC 01-0

R1= - 50.0000
A = 0.0000
R2= - 50.0000

S T A.	X	Y	T	D	A
0+00.0000	+53,597.4824	+260,185.0631	50 09 04.44	19.8669	38 41 31.48
0+20.0000	+53,612.9888	+260,197.4826	27 13 58.52	19.8669	15 46 25.56
0+40.0000	+53,632.1076	+260,202.8832	4 18 52.60	19.8669	352 51 19.63
0+60.0000	+53,651.8203	+260,200.4123	341 23 46.67	19.8669	329 56 13.71
0+80.0000	+53,669.0147	+260,190.4600	318 28 40.75	1.7152	317 29 42.71
0+81.7153	+53,670.2792	+260,189.3011	316 30 44.67		

17.6637

L=

EC 01-0 / BC 02-0

R1= 0.0000
A = 0.0000
R2= 0.0000

S T A.	X	Y	T	D	A
0+81.7153	+53,670.2792	+260,189.3011	316 30 44.67	17.6637	316 30 44.67
0+99.3790	+53,683.0946	+260,177.1450	316 30 44.67		

BC 02-0 / EC 02-0 L= 90.1174

R1= + 70.0000
A = 0.0000
R2= + 70.0000

S T A.	X	Y	T	D	A
0+99.3790	+53,693.0946	+260,177.1450	316 30 44.67	0.6210	316 45 59.67
1+00.0000	+53,693.5470	+260,176.7196	317 01 14.66	19.9320	325 12 21.06
1+20.0000	+53,699.9154	+260,165.3458	333 23 27.46	19.9320	341 34 33.86
1+40.0000	+53,718.8258	+260,159.0464	349 45 40.27	19.9320	357 56 46.67
1+60.0000	+53,738.7450	+260,158.3321	6 07 53.07	19.9320	14 18 59.47
1+80.0000	+53,758.0531	+260,163.2609	22 30 05.87	9.4891	26 23 17.07
1+89.4964	+53,766.5534	+260,167.4783	30 16 28.26		

EC 02-0 / BC 03-0 L= 37.0060

R1= 0.0000
A = 0.0000
R2= 0.0000

S T A.	X	Y	T	D	A
1+89.4964	+53,766.5534	+260,167.4783	30 16 28.26	10.5036	30 16 28.26
2+00.0000	+53,775.6296	+260,172.7736	30 16 28.26	20.0000	30 16 28.26
2+20.0000	+53,792.9020	+260,182.8565	30 16 28.26	6.5024	30 16 28.26
2+26.5024	+53,798.5176	+260,186.1346	30 16 28.26		

S-01555-2 (FORM 9)

C-RAMP

YOFUASA J.C.T

47-1960

L=

03-0

EC 03-0

R1= 30.0000
A= 0.0000
R2= 30.0000

S	T	A	X	Y	T	D	A
2+26.5024			+53,793-5176	+260,136.1346	30 16 28.26	13.3840	17 23 06.92
2+40.0900			+53,811-2902	+260,190.1337	4 29 45.57	19.6317	345 23 50.63
2+60.0800			+53,830-2877	+260,135.1843	326 17 55.70	13.5797	313 13 04.06
2+73.6984			+53,839.5868	+260,175.2880	300 08 12.41		

I.P. NO. ()

IP	+53,631.6227	+260,225.9689
AP1	+53,611.3530	+260,201.6823
AP2	+53,654.5738	+260,204.1985
S1	+53,613.3710	+260,197.6772
S	+53,632.9634	+260,202.9404
S2	+53,653.0361	+260,199.9863
C	+53,633.8809	+260,187.1821
O	+53,635.8693	+260,153.0249

R	- 50.0000
TL	53.2808
O	72.9201
M	15.7850
SL	23.0674
TL1,2	21.6470
SL1,2	4.4848
CL	81.7153

IA	93 35 19.77
T1	50 09 04.44
T2	316 30 44.67

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 01-0	0+00.0000	+53,597.4824	+260,185.0631	- 50.0000	0.0	- 50.0000	81.7153	50 09 04.44
EC 01-0	0+81.7153	+53,670.2792	+260,189.3011					316 30 44.67

I.P NO. C)

IP	+53,721.2000	+260,141.0000
AP1	+53,700.0289	+260,161.0819
AP2	+53,746.4008	+260,155.7111
S1	+53,701.6330	+260,164.5144
S	+53,723.2149	+260,158.3965
S2	+53,745.6238	+260,139.4195
C	+53,724.8265	+260,172.3117
O	+53,731.2684	+260,227.9317

R	+ 70.0000
TL	52.5213
D	84.0218
M	14.0082
SL	17.5128
TL1,2	23.3409
SL1,2	3.7889
CL	90.1174

IA	73 45 43.59
T1	316 30 44.67
T2	30 16 28.26

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 02-0	0+99.3790	+53,683.0746	+260,177.1450	+ 70.0000	0.0	+ 70.0000	90.1174	316 30 44.67
EC 02-0	1+89.4964	+53,766.5584	+260,167.4783					30 16 28.26

I.P NO. (

IP	.....	+53,824.4835	+260,201.2953
AP1	.....	+53,809.2675	+260,192.4100
AP2	.....	+53,833.3373	+260,185.0530
S1	.....	+53,809.6015	+260,189.9527
S	.....	+53,821.3024	+260,189.2315
S2	.....	+53,831.8335	+260,184.0811
C	.....	+53,819.0522	+260,180.7113
O	.....	+53,813.6419	+260,160.2260

R	.....	- 30.0000	
TL	.....	30.0722	
D	.....	42.4774	
M	.....	8.8123	
SL	.....	12.4775	
TL1,2	.....	12.4475	
SL1,2	.....	2.4799	
CL	.....	47.1960	

IA	.....	90 08 15.85	
T1	.....	30 16 28.26	
T2	.....	300 08 12.41	

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 03-0	2+26.5024	+53,798.5176	+260,186.1346	- 30.0000	0.0	- 30.0000	47.1960	30 16 28.26
EC 03-0	2+73.6984	+53,839.5869	+260,175.2880					300 08 12.41

NAME	S T A.	X	Y	R1	A	R2	C	ERROR	ANG.	TYPE
KA 01-1	0+00.00000	+53,767.02183	+260,300.28408	0.00000	70.00000	- 60.00000	81.66667	0 00	00.00	200
KE 01-1	0+81.66667	+53,790.66541	+260,223.85994	- 60.00000	0.00000	- 60.00000	97.67045	0 00	00.00	100
SP 01-2	1+79.33712	+53,718.77844	+260,174.43564	- 60.00000	0.00000	- 60.00000	97.67045	0 00	00.00	100
XEE 01-2	2+77.00757	+53,673.53307	+260,249.02353	- 60.00000	70.00000	- 694.75000	74.61377	0 00	00.00	200
KAE 01-2	3+51.62134	+53,720.75162	+260,304.87730							

D-RAMP

KOMBASA J.C.T

81.6667

KA 01-1 / KE 01-1 L=

R1= 0.0000
A = 70.0000
R2= - 60.0000

S T A.	X	Y	T	D	A
0+00.0000	+53,767.0218	+260,300.2841	300 08 12.41	19.9985	299 21 26.13
0+20.0000	+53,776.8262	+260,282.8538	297 47 53.44	19.9874	294 40 48.50
0+40.0000	+53,785.1720	+260,264.6921	290 46 56.53	19.9652	285 19 33.24
0+60.0000	+53,790.4490	+260,245.4369	279 05 21.67	19.9320	271 17 40.34
0+80.0000	+53,790.8993	+260,225.5101	262 43.08.87	1.6666	261 56 03.06
0+81.6667	+53,790.6654	+260,223.8599	261 08 37.75		

KE 01-1 / SP 01-2 L= 97.6705

R1= - 60.0000
A = 0.0000
R2= - 60.0000

S T A.	X	Y	T	D	A
0+81.6667	+53,790.6654	+260,223.8599	261 08 37.75	18.2621	252 23 25.08
1+00.0000	+53,785.1406	+260,206.4536	243 38 12.40	19.9075	234 05 14.93
1+20.0000	+53,773.4638	+260,190.3302	224 32 17.46	19.9075	214 59 19.99
1+40.0000	+53,757.1543	+260,178.9149	205 26 22.53	19.9075	195 53 25.06
1+60.0000	+53,738.0075	+260,173.4643	186 20 27.59	19.2535	177 06 29.53
1+79.3371	+53,718.7724	+260,174.4356	167 52 31.47		

D-RAMP

MOMBASA J-C.T

97-6705

SP 01-2 / KEE 01-2 L=

R1= - 60.0000
A = 0.0000
R2= - 60.0000

S T A.	X	Y	T	D	A
1+79.3371	+53,713.7784	+260,174.4356	167 52 31.47	0.6629	167 33 32.06
1+80.0000	+53,713.3311	+260,174.5784	167 14 32.66	19.9075	157 41 35.19
2+00.0000	+53,699.7134	+260,182.1347	148 08 37.72	19.9075	138 35 40.25
2+20.0000	+53,684.7818	+260,195.3012	129 02 42.78	19.9075	119 29 45.32
2+40.0000	+53,674.9801	+260,212.6286	109 56 47.85	19.9075	100 23 50.38
2+60.0000	+53,671.3873	+260,232.2092	90 50 52.91	16.9507	82 43 39.05
2+77.0076	+53,673.5331	+260,249.0235	74 36 25.19		

74.6138

KEE 01-2 / KAE 01-2 L=

R1= - 60.0000
A = 70.0000
R2= - 694.7500

S T A.	X	Y	T	D	A
2+77.0076	+53,673.5331	+260,249.0235	74 36 25.19	2.9921	73 11 44.41
2+80.0000	+53,674.3961	+260,251.8879	71 48 06.45	19.9345	63 22 53.12
3+00.0000	+53,683.3297	+260,269.7095	55 44 29.80	19.9670	49 39 36.36
3+20.0000	+53,696.2548	+260,294.9287	44 21 31.10	19.9885	40 36 57.24
3+40.0000	+53,711.4279	+260,297.9409	37 39 10.34	11.6209	36 38 50.15
3+51.6213	+53,720.7516	+260,304.8773	35 54 17.50		

I.P. NO. ()

IP +53,257.3658 +260,144.6629
 TS1 +53,795.0505 +260,252.0035
 TS2 +53,780.8856 +260,161.0931
 TS3
 O +53,731.3807 +260,233.0972
 SP +53,765.3734 +260,183.6554

R - 60.0000
 LCA 97.6705
 CL 179.5371
 SL 93.9249

IA 132 15 40.94
 T1 300 08 12.41
 T2 167 52 31.47
 THETA ... 93 16 06.28

TAU 38 59 34.66 0 00 00.00

A 70.0000 0.0
 L 81.6667 0.0
 X 77.9645 0.0
 Y 17.9223 0.0
 DR 4.5557 0.0
 XM 40.2110 0.0
 W 139.7335 141.7494
 D 179.9444 141.7494

TL1 55.8267
 TL2 63.5241
 TK1 28.4831
 TL3

NAME	S	T	A.	X	Y	R1	A	R2	L	T
KA 01-1	0+00.0000			+53,767.0218	+260,300.2841	0.0000	70.0000	- 60.0000	81.6667	300 08 12.41
KE 01-1	0+81.6667			+53,790.6654	+260,223.8599	- 60.0000	C.0	- 60.0000	97.6705	261 08 37.75
SP 01-2	1+79.3371			+53,718.7784	+260,174.4356					167 52 31.47

***** KOMBASA J.C.T

E-RAMP

***** S-01555-2 (FORM 1)

PAGE 61

NAME	S	T	A.	X	Y	R1	A	R2	L	ERROR	ANG.	TYPE
BC 01-0	0	00	00000	+53,872.78169	+260,202.77698	- 30.00000	0.00000	- 30.00000	46.95900	0 00	00.00	100
EC 01-0	0	46	95900	+53,883.44197	+260,243.72164	0.00000	0.00000	0.00000	38.71890	0 00	00.00	0
BC 02-0	0	85	67790	+53,916.78132	+260,283.41023	+ 70.00000	0.00000	+ 70.00000	108.95497	0 00	00.00	100
EC 02-0	1	94	63287	+53,941.96328	+260,358.41426	0.00000	0.00000	0.00000	40.26410	0 00	00.00	0
BC 03-0	2	34	89697	+53,921.98669	+260,393.37329	- 30.00000	0.00000	- 30.00000	47.08085	0 00	00.00	100
EC 03-0	2	81	97782	+53,953.11246	+260,434.28337							

BC 01-0 / EC 01-0 L= 46.9590

R1= 30.0000
A = 0.0000
R2= 30.0000

S T A.	X	Y	T	D	A
0+00.0000	+53,872.7817	+260,202.7770	120 14 56.76	19.6317	101 09 01.83
0+20.0000	+53,868.9852	+260,222.0381	82 03 06.89	19.6317	62 57 11.96
0+40.0000	+53,877.9120	+260,239.5228	43 51 17.02	6.9434	37 12 33.76
0+46.9590	+53,883.4420	+260,243.7216	30 33 50.49		

EC 01-0 / BC 02-0 L= 38.7189

R1= 0.0000
A = 0.0000
R2= 0.0000

S T A.	X	Y	T	D	A
0+46.9590	+53,883.4420	+260,243.7216	30 33 50.49	13.0410	30 33 50.49
0+60.0000	+53,894.6711	+260,250.3530	30 33 50.49	20.0000	30 33 50.49
0+80.0000	+53,911.8923	+260,260.5230	30 33 50.49	5.6779	30 33 50.49
0+85.6779	+53,916.7813	+260,263.4102	30 33 50.49		

BC 02-0 / EC 02-0 L= 108.9550

R1= + 70.0000
A = 0.0000
R2= + 70.0000

S T A.	X	Y	T	D	A
0+85.6779	+53,916.7813	+260,263.4102	30 33 50.49	14.2971	36 25 31.53
1+00.0000	+53,928.2852	+260,271.8995	42 17 12.58	19.9320	50 28 18.98
1+20.0000	+53,940.9711	+260,287.2734	58 39 25.38	19.9320	66 50 31.78
1+40.0000	+53,948.8097	+260,305.5994	75 01 38.18	19.9320	83 12 44.58
1+60.0000	+53,951.1654	+260,325.3917	91 23 50.98	19.9320	99 34 57.38
1+80.0000	+53,947.8474	+260,345.0456	107 46 03.78	14.6062	113 45 22.68
1+94.6329	+53,941.9633	+260,358.4143	119 44 41.57		

EC 02-0 / BC 03-0 L= 40.2641

R1= 0.0000
A = 0.0000
R2= 0.0000

S T A.	X	Y	T	D	A
1+94.6329	+53,941.9633	+260,358.4143	119 44 41.57	5.3671	119 44 41.57
2+00.0000	+53,939.3004	+260,363.0742	119 44 41.57	20.0000	119 44 41.57
2+20.0000	+53,929.3777	+260,380.4391	119 44 41.57	14.8970	119 44 41.57
2+34.8970	+53,921.9867	+260,393.3733	119 44 41.57		

47.0908

L=

03-0

BC 03-0 / EC

R1= - 30.0000

A = 0.0000

R2= - 30.0000

S T A.	X	Y	T	D	A
2+34.8970	+53,921.9867	+260,393.3733	119 44 41.57	5.0969	114 52 18.64
2+40.0000	+53,919.8430	+260,397.9974	109 59 55.72	19.6317	90 54 00.78
2+60.0000	+53,919.5346	+260,417.6267	71 48 05.85	19.6317	52 42 10.91
2+80.0000	+53,931.4303	+260,433.2438	33 36 15.98	1.9775	31 42 56.74
2+81.9778	+53,933.1125	+260,434.2834	29 49 37.50		

I.P NO. ()

IP	.....	+53,857.7517	+260,228.5502
AP1	.....	+53,866.5461	+260,213.4698
AP2	.....	+53,872.7836	+260,237.4273
S1	.....	+53,868.9765	+260,213.8039
S	.....	+53,869.6649	+260,225.4485
S2	.....	+53,874.7426	+260,235.9504
C	.....	+53,878.1118	+260,223.2493
O	.....	+53,898.6970	+260,217.8898

R	.....	- 30.0000	
TL	.....	29.8356	
D	.....	42.3096	
M	.....	8.7286	
SL	.....	12.3103	
TL1,2	.....	12.3781	
SL1,2	.....	2.4533	
CL	.....	46.9590	

IA	.....	89 41 06.27	
T1	.....	120 14 56.76	
T2	.....	30 33 50.49	

NAME	S	T	A	X	Y	R1	A	R2	L	T
BC 01-0	0	00.0000		+53,872.7817	+260,202.7770	- 30.0000	0.0	- 30.0000	46.9590	120 14 56.76
EC 01-0	0	+46.9590		+53,883.4420	+260,243.7216					30 33 50.49

I.P. NO. ()

IP	+53,976,2000	+260,298,5000
AP1	+53,941,4957	+260,278,0054
AP2	+53,956,2036	+260,333,4937
S1	+53,936,9871	+260,281,4203
S	+53,948,8497	+260,305,7495
S2	+53,950,5954	+260,332,7604
C	+53,929,3723	+260,310,9122
O	+53,881,1863	+260,323,6845

R	+ 76,0000	
TL	69,0063	
D	93,2848	
M	20,1500	
SL	28,2948	
TL1,2	28,7023	
SL1,2	5,6559	
CL	108,9550	

IA	89 10 51.08	
T1	30 33 50.49	
T2	119 44 41.57	

NAME	S	T	A.	X	Y	R1	A	R2	L	T
BC 02-0	0+85.6779			+53,916.7813	+260,263.4102	+ 70.0000	0.0	+ 70.0000	108.9550	30 33 50.49
EC 02-0	1+94.6329			+53,941.9633	+260,358.4143					119 44 41.57

I.P. NO. ()

IP +53,907.1239 +260,419.3832
 AP1 +53,915.8277 +260,404.1515
 AP2 +53,922.3431 +260,428.1089
 S1 +53,918.2749 +260,404.4635
 S +53,919.0854 +260,416.1302
 S2 +53,924.2932 +260,426.6006
 C +53,927.5476 +260,413.8283
 O +53,948.0340 +260,408.2575

R - 30.0000
 TL 29.9570
 D 42.3660
 M 8.7716
 SL 12.3960
 TL1,2 12.4138
 SL1,2 2.4669
 CL 47.0808

IA 89 55 04.07
 T1 119 44 41.57
 T2 29 49 37.50

NAME	S	T	A.	X	Y	R1	A	R2	L	T
8C 03-0	2+34.8970			+53,921.9867	+260,393.3733	- 30.0000	0.0	- 30.0000	47.0808	119 44 41.57
EC 03-0	2+81.9778			+53,933.1125	+260,434.2834					29 49 37.50

YOMBASA J.C.T

F-RAMP

S-01555-2 (FORM 1)

PAGE 68

NAME	S T A.	X	Y	R1	A	R2	L	ERROR	ANG.	TYPE
KA 01-1	0+00.00000	+53,810.08509	+260,361.65985	0.00000	70.00000	- 60.00000	81.66667	0 00	00.00	200
KE 01-1	0+81.66667	+53,887.00279	+260,383.64475	- 60.00000	0.00000	- 60.00000	99.83053	0 00	00.00	100
SP 01-2	1+81.49720	+53,934.32352	+260,308.61334	- 60.00000	0.00000	- 60.00000	99.83053	0 00	00.00	100
KE 01-2	2+81.32773	+53,855.22002	+260,268.46859	- 60.00000	70.00000	0.00000	21.66667	0 00	00.00	200
KA 01-2	3+62.99440	+53,800.46254	+260,326.78914							

81.6667

KA 01-1 / KE 01-1 L=

R1= 0.0000
A = 70.0000
R2= 60.0000

S T A.	X	Y	T	D	A
0+00.0000	+53,810.0851	+260,361.6599	28 53 50.27	19.9985	28 07 03.99
0+20.0000	+53,827.7234	+260,371.0349	26 33 31.30	19.9874	23 26 26.36
0+40.0000	+53,846.0613	+260,379.0358	19 32 34.39	19.9652	14 05 11.10
0+60.0000	+53,865.4262	+260,383.8951	7 50 59.53	19.9320	0 03 18.20
0+80.0000	+53,885.3581	+260,383.9142	351 28 46.73	1.6666	350 41 40.92
0+81.6667	+53,887.0028	+260,383.6447	349 54 15.61		

KE 01-1 / SP 01-2 L= 99.8305

R1= 60.0000
A = 0.0000
R2= 60.0000

S T A.	X	Y	T	D	A
0+81.6667	+53,887.0028	+260,383.6447	349 54 15.61	18.2621	341 09 02.94
1+00.0000	+53,904.2855	+260,377.7447	332 23 50.26	19.9075	322 50 52.79
1+20.0000	+53,920.1526	+260,365.7219	313 17 55.32	19.9075	303 44 57.85
1+40.0000	+53,931.2124	+260,349.1692	294 12 00.39	19.9075	284 39 02.92
1+60.0000	+53,936.2476	+260,329.9090	275 06 05.45	19.9075	265 33 07.98
1+80.0000	+53,934.7037	+260,310.0614	256 00 10.52	1.4972	255 17 17.02
1+81.4972	+53,934.3235	+260,308.6133	254 34 23.52		

99-8305

L=

01-2

KE

R1= - 60.0000
A = 0.0000
R2= - 60.0000

S T A.	X	Y	T	D	A
1+81.4972	+53,934.3235	+260,308.6133	254 34 23.52	18.4296	245 44 19.55
2+00.0000	+53,926.7509	+260,291.8114	236 54 15.58	19.9075	227 21 18.11
2+20.0000	+53,913.2644	+260,277.1681	217 48 20.65	19.9075	208 15 23.18
2+60.0000	+53,895.7291	+260,267.7435	198 42 25.71	19.9075	189 09 28.24
2+60.0000	+53,876.0753	+260,264.5752	179 36 30.77	19.9075	170 03 33.31
2+80.0000	+53,856.4667	+260,268.0118	160 30 35.84	1.3277	159 52 33.63
2+81.3277	+53,855.2200	+260,268.4686	159 14 31.42		

81.6667

L=

01-2

KA

R1= - 60.0000
A = 70.0000
R2= 0.0000

S T A.	X	Y	T	D	A
2+81.3277	+53,855.2200	+260,268.4686	159 14 31.42	18.6132	151 00 20.70
3+00.0000	+53,838.9397	+260,277.4908	143 26 59.16	19.9609	136 51 46.99
3+20.0000	+53,824.3738	+260,291.1390	131 03 23.33	19.9848	126 48 30.79
3+40.0000	+53,812.4600	+260,307.1396	123 20 25.43	19.9976	121 25 52.23
3+60.0000	+53,801.9718	+260,324.2029	120 18 05.48	2.9944	120 15 59.67
3+62.9944	+53,800.4625	+260,326.7891	120 14 56.76		

I.P. NO. ()

IP +53,973.9155 +260,452.0890
 TS1 +53,853.9607 +260,388.6376
 TS2 +53,951.8426 +260,372.1001
 TS3
 O +53,876.4853 +260,324.5738
 SP +53,927.2352 +260,356.5807

R - 60.0000
 LCA 99.8305
 CL 181.4972
 SL 100.4768

IA 134 19 26.76
 TI 28 53 50.27
 T2 254 34 23.52
 THETA ... 95 19 52.10

TAU 38 59 34.66 0 00 00.00

A 70.0000 0.0
 L 81.6667 0.0
 X 77.9645 0.0
 Y 17.9223 0.0
 DR 4.5557 0.0
 XM 40.2110 0.0
 W 146.9196 148.8382
 D 187.1306 148.8382

TL1 55.8267 TK1 28.4833
 TL2 65.8596
 TK3 TL3

NAME	S T A.	X	Y	R1	A	R2	L	T
KA 01-1	0+00.0000	+53,810.0951	+260,361.6599	0.0000	70.0000	- 60.0000	81.6667	28 53 50.27
KE 01-1	0+01.6667	+53,887.0028	+260,383.6447	- 60.0000	0.0	- 60.0000	99.8305	349 54 15.61
SP 01-2	1+81.4972	+53,934.3235	+260,308.6133					254 34 23.52

I.P. NO. ()

IP +53,894.7315 +260,165.1376
 TS1
 TS2 +53,916.8044 +260,245.1266
 TS3 +53,828.5858 +260,278.5636
 O +53,876.4853 +260,324.5738
 SP +53,903.6385 +260,271.0695

TL1
 TL2
 TL3
 TK1
 TK2 65.8596
 TK3 28.4831
 TL3 55.8267

R - 60.0000
 LCA 99.8305
 CL 131.4972
 SL 100.4768

IA 134 19 26.76
 I1 254 34 23.52
 I2 120 14 56.76
 THETA ... 95 19 52.10

TAU 0 00 00.00 38 59 34.66

A 0.0 70.0000
 L 0.0 81.6667
 X 0.0 77.9645
 Y 0.0 17.9223
 DR 0.0 4.5557
 XM 0.0 40.2110
 W 148.8332 146.9196
 D 148.8332 187.1306

NAME	S	T	A.	X	Y	R1	A	R2	L	T
SP 01-2	1	81.4972	+53,934.3235	+260,308.6133	- 60.0000	0.0	- 60.0000	99.8305	254 34 23.52	
KE 01-2	2	81.3277	+53,855.2200	+260,268.4686	- 60.0000	70.0000	0.0000	81.6667	159 14 31.42	
KA 01-2	3	82.9944	+53,800.4625	+260,326.7891					120 14 56.76	

MORASASA J.C.T

G-RAMP

***** S-01555-2 (FORM 1)

PAGE 73

NAME	S	T	A.	X	Y	R1	A	R2	L	ERROR	ANG.	TYPE
BP 00-0	0	00	00000	+54,023.45547	+260,490.11447	0.00000	0.00000	0.00000	115.10562	0 00	00.00	0
KA 01-1	1	15	10562	+53,519.84376	+260,439.97549	0.00000	80.00000	- 150.00000	42.66667	0 00	00.00	200
KE 01-1	1	57	77229	+57,880.63540	+260,423.24593	- 150.00000	0.00000	- 150.00000	181.36505	0 00	00.00	100
KE 01-2	3	39	13733	+53,717.53730	+260,472.99797	- 150.00000	80.00000	0.00000	42.66667	0 00	00.00	200
KA 01-2	3	81	80400	+53,694.34217	+260,509.76331							

BP 00-0 / KA 01-1 L= 115.1056

R1= 0.0000
 A = 0.0000
 R2= 0.0000

S T A.	X	Y	T	D	A
0+00.0000	+54,023.4555	+260,490.1145	205 49 22.48	20.0000	205 49 22.48
0+20.0000	+54,005.4526	+260,481.4026	205 49 22.48	20.0000	205 49 22.48
0+40.0000	+53,987.4497	+260,472.6908	205 49 22.48	20.0000	205 49 22.48
0+60.0000	+53,969.4458	+260,463.5790	205 49 22.48	20.0000	205 49 22.48
0+80.0000	+53,951.4439	+260,455.2672	205 49 22.48	20.0000	205 49 22.48
1+00.0000	+53,933.4410	+260,446.5554	205 49 22.48	15.1056	205 49 22.48
1+15.1056	+53,919.3638	+260,439.9755	205 49 22.48		

KA 01-1 / KE 01-1 L= 42.6667

R1= 0.0000
 A = 80.0000
 R2= 150.0000

S T A.	X	Y	T	D	A
1+15.1056	+53,919.8438	+260,439.9755	205 49 22.48	6.8944	205 47 13.81
1+20.0000	+53,915.4368	+260,437.3463	205 42 55.46	19.9981	204 40 50.50
1+40.0000	+53,897.2655	+260,429.4958	203 02 55.88	17.7657	200 35 49.89
1+57.7723	+53,880.6334	+260,423.2459	197 40 27.04		

G-RAMP

POMBASA J.C.T

KE 01-1 / KE 01-2 L= 131.3650

R1= - 150.0000
 A = 0.0000
 R2= - 150.0000

S T A.	X	Y	T	D	A
1+57.7723	+53,880.6354	+260,423.2459	197 40 27.04	2.2277	197 14.55.38
1+60.0000	+53,878.5079	+260,422.5854	196 49 23.72	19.9852	193 00 12.73
1+60.0000	+53,859.0352	+260,418.0885	189 11 01.74	19.9852	185 21 50.76
2+00.0000	+53,839.1375	+260,416.2202	181 32 39.77	19.9852	177 43 28.78
2+20.0000	+53,819.1631	+260,417.0136	173 54 17.80	19.9852	170 05 06.81
2+40.0000	+53,799.4614	+260,420.4547	166 15 55.82	19.9852	162 26 44.83
2+60.0000	+53,780.4269	+260,426.4624	158 37 33.85	19.9852	154 48 22.86
2+80.0000	+53,762.3428	+260,434.9397	150 59 11.87	19.9852	147 10 00.89
3+00.0000	+53,743.5502	+260,445.8255	143 20 49.90	19.9852	139 31 38.91
3+20.0000	+53,730.3471	+260,458.7976	135 42 27.92	19.1244	132 03 10.06
3+39.1373	+53,717.5373	+260,472.9980	128 23 52.20		

KE 01-2 / KA 01-2 L= 42.6667

R1= - 150.0000
 A = 80.0000
 R2= 0.0000

S T A.	X	Y	T	D	A
3+39.1373	+53,717.5373	+260,472.9980	128 23 52.20	0.8627	128 14 03.07
3+40.0000	+53,717.0034	+260,473.6756	128 04 17.94	19.9917	124 55 33.40
3+60.0000	+53,705.5578	+260,490.0666	122 22 37.80	19.9988	121 01 19.18
3+60.0000	+53,695.2511	+260,507.2050	120 15 49.21	1.8040	120 15 14.24
3+81.8040	+53,694.3422	+260,508.7633	120 14 56.76		

L.P. NO. ()

IP	+53,775.2584	+260,370.0089	TL1	28.4746	TK1	14.2497
TS1	+53,894.2125	+260,427.5722	TL2	103.6256		
TS2	+53,731.9011	+260,391.7849	TK3	14.2497	TL3	28.4746
TS3	+53,703.6866	+260,484.1657				
O	+53,325.0849	+260,566.1657				
SP	+53,791.3292	+260,422.6924				

R	- 150.0000	
LCA	181.3650	
CL	266.6934	
SL	55.0802	

IA	85 34 25.72
T1	205 49 22.48
T2	120 14 56.76
THETA	69 16 34.34

TAU 8 03 55.44 6 08 55.44

A	80.0000
L	42.6667
X	42.5804
Y	2.0198
DR	0.5053
XM	21.3190
W	139.3056
D	140.6245

NAME	S T A .	X	Y	R1.	A	R2	L	T
KA 01-1	1+15.1056	+53,919.8433	+260,439.9755	0.0000	80.0000	- 150.0000	42.6667	205 49 22.48
KE 01-1	1+57.7723	+53,890.6354	+260,423.2459	- 150.0000	0.0	- 150.0000	181.3650	197 40 27.04
KE 01-2	3+39.1373	+53,717.5373	+260,472.9980	- 150.0000	80.0000	0.0000	42.6667	128 23 52.20
KA 01-2	3+61.8040	+53,694.3422	+260,508.7633					120 14 56.76

***** POMBASA J.C.T

* KOUTEN *

***** S-01555-2 (FORM 15)

PAGE 77

CROSS NAME *** CENTER *** CT= 211 49 05.07

NAME	DISTANCE	WIDTH	X	Y	T	I.A.	STATION	TYPE	PR. STATION	TYPE
L	0-0	0-0	+53,782.1397	+260,351.2629	120 14 56.76	270 46 55.26	1+00.3724	0	3+80.0029	200
CL	0-0	17.5851	+53,767.1304	+260,342.0989	120 11 42.09	271 37 22.99	1+00.0000	0	3+97.5880	200
R	0-0	17.6003	+53,752.2527	+260,332.6958	120 08 12.41	272 39 57.80	0+99.3554	0	4+15.1883	200

4 UHURU MONUMENT JUNCTION

1 - 44

(TAPER BP) STA. 62+99.9571 IA= 2 48 54.15 STA. 0+00.0000 (A-RAMP)
 X + 53,426.5253 1/ 20.34 X + 53,420.8863
 Y +254,806.5651 Y +254,802.4176
 T 306 20 04.27 T 303 31 10.12
 L= 39.6689 DL= 7.0000 L= 39.6293

(TAPER EP) STA. 63+39.6260 STA. 0+39.6293
 X + 53,449.8702 X + 53,442.7704
 Y +254,774.4929 Y +254,769.3787
 L= 90.3311 DL= 8.7500 L= 90.5885

(NOSE) STA. 64+29.9571 STA. 1+30.2177
 X + 53,502.6223 X + 53,492.7952
 Y +254,701.1684 Y +254,693.8553
 DL= 12.2500

(NOSE POINT) X + 53,492.7952 DL1= 12.2500
 Y +254,693.8553 DL2= 0.0000
 TOTAL L= 130.0000 TOTAL L= 130.2177

() STA. 64+19.9571 (CENTER) (A-RAMP)
 X + 53,496.6729 STA. 1+20.1441
 Y +254,709.2058 X + 53,487.2323
 L= 10.0000 DL= 11.7242 L= 10.0737
 Y +254,702.2537

() STA. 64+29.9371 STA. 1+30.2177
 X + 53,502.6223 X + 53,492.7952
 Y +254,701.1684 Y +254,693.8553
 L= 0.0000 DL= 12.2500 L= 0.0

(NOSE) STA. 64+29.9371 STA. 1+30.2177
 X + 53,502.6223 X + 53,492.7952
 Y +254,701.1684 Y +254,693.8553
 DL= 12.2500

(NOSE POINT) X + 53,492.7952 DL1= 12.2500
 Y +254,693.8553 DL2= 0.0000
 TOTAL L= 10.0000 TOTAL L= 10.0737

S-01942-I (FORM 8)

B-RAMP ACC.

UHURU MONUMENT JUNCTION

(B-RAMP)

(CENTER)

STA. 0+00.0000
 X + 53,470.9291
 Y +254,760.1057
 T 305 25 24.71

IA= 0 00 00.00
 1/*****

STA. 63+63.5562
 X + 53,463.7988
 Y +254,755.0341
 T 305 25 24.71

L= 99.1350 DL= 8.7500 L= 98.8140

STA. 0+98.8140
 X + 53,532.0852
 Y +254,682.5416

(NOSE) STA. 64+52.6912
 X + 53,522.3785
 Y +254,675.0687

DL= 12.2500

(NOSE POINT) X + 53,532.0852
 Y +254,682.5416
 DL1= 12.2500
 DL2= 0.0000

TOTAL L= 99.1350 TOTAL L= 98.8140

B-RAMP ACC.

UHURU MONUMENT JUNCTION

(B-RAMP)

(CENTER)

STA. 0+88.8567
 X + 53,525.5789
 Y +254,690.0792

STA. 64+52.6912
 X + 53,516.2981
 Y +254,683.0076

L= 10.0000 DL= 11.6680 L= 9.9573

STA. 0+98.8140
 X + 53,532.0852
 Y +254,682.5416

STA. 64+62.6912
 X + 53,522.3786
 Y +254,675.0687

L= 0.0000 DL= 12.2500 L= 0.0

STA. 0+98.8140
 X + 53,532.0852
 Y +254,682.5416

STA. 64+62.6912
 X + 53,522.3786
 Y +254,675.0687

DL= 12.2500

DL1= 12.2500

DL2= 0.0000

(NOSE POINT) X + 53,532.0852
 Y +254,682.5416

TOTAL L= 10.0000 TOTAL L= 9.9573

S-01942-I (FORM 8)

C-RAMP ACC.

UHURU MONUMENT JUNCTION

(C-RAMP)

(CENTER)

(TAPER BP) STA. 70+42.2345 IA= 0 00 00.00
 X + 53,937.0370 1/*****
 Y +254,273.0323
 T 323 47 59.21

STA. 3+41.8029
 X + 53,931.8092
 Y +254,266.0215
 T 323 47 59.21

L= 72.2774 DL= 8.7500 L= 72.6911

(NOSE) STA. 69+69.9571
 X + 53,979.2239
 Y +254,316.4550

STA. 2+69.1118
 X + 53,871.7030
 Y +254,306.7855

DL= 12.2500

(NOSE POINT) X + 53,871.7030
 Y +254,306.7855

DL1= 12.2500
DL2= 0.0000

TOTAL L= 72.2774 TOTAL L= 72.6911

(CENTER)

STA. 69+79.9571
X + 53,887.1526
Y +254,310.3352

L= 10.0000 DL= 11.2988 L= 10.1038

(C-RAMP)

STA. 2+79.2156
X + 53,880.2404
Y +254,301.3820

STA. 69+69.9571
X + 53,879.2239
Y +254,316.4550

L= 0.0000 DL= 12.2500 L= 0.0

STA. 2+69.1118
X + 53,871.7030
Y +254,306.7855

(NOSE) STA. 69+69.9571
X + 53,879.2239
Y +254,316.4550

DL= 12.2500

STA. 2+69.1118
X + 53,871.7030
Y +254,306.7855

(NOSE POINT) X + 53,871.7030
Y +254,306.7855

DL1= 12.2500
DL2= 0.0000

TOTAL L= 10.0000 TOTAL L= 10.1038

D-RAMP DEC.

UHURU MONUMENT JUNCTION

(D-RAMP)

STA. 3+82.3666

X + 53,963.5423

Y +254,262.3578

T 320 17 47.13

IA= 3 3C 12.09

1/ -16.33

L= 28.5848 DL= 7.0000 L= 28.6383

(CENTER)

STA. 70+69.9571

X + 53,959.6080

Y +254,256.7091

T 323 47 59.21

(TAPER EP) STA. 70+41.3724

X + 53,936.3413

Y +254,273.5915

STA. 3+53.7083

X + 53,941.5091

Y +254,280.6524

L= 71.4152 DL= 8.7500 L= 71.1818

(NOSE) STA. 69+69.9571

X + 53,879.2239

Y +254,316.4550

DL= 12.2500

STA. 2+82.5265

X + 53,886.7447

Y +254,326.1244

DL1= 12.2500

DL2= 0.0000

(NOSE POINT) X + 53,386.7447

Y +254,326.1244

TOTAL L= 100.0000

TOTAL L= 99.8201

D-RAMP DEC.

URURU POINT JUNCTION

(D-RAMP)

(CENTER)

STA. 2+92.4720
 X + 53,894.3964
 Y +254,319.7711

STA. 69+79.9571
 X + 53,837.1326
 Y +254,310.3352

L= 10.0000 OL= 11.9079 L= 9.9455

STA. 2+82.5265
 X + 53,886.7447
 Y +254,326.1244

STA. 69+69.9571
 X + 53,879.2239
 Y +254,316.4550

L= 0.0000 OL= 12.2500 L= 0.0

STA. 2+82.5265
 X + 53,886.7447
 Y +254,326.1244

STA. 69+69.9571
 X + 53,879.2239
 Y +254,316.4550

OL= 12.2500

OL1= 12.2500

OL2= 0.0000

(NOSE POINT) X + 53,886.7447
 Y +254,326.1244

TOTAL L= 10.0000 TOTAL L= 9.9455

UHURU MONUMENT JUNCTION

A-RAMP

S-01942-I (FORM 1)

PAGE 9

NAME	S T A.	X	Y	R1	A	R2	L	ERROR	ANG.	TYPE
BP 00-0	0+00.00000	+53,420.88630	+254,802.41757	0.00000	0.00000	0.00000	216.56901	0 00	00.00	0
BC 01-0	2+16.56901	+53,540.48013	+254,621.26440	+1,500.00000	0.00000	+1,500.00000	157.15953	0 00	00.00	100
EC 01-0	3+73.72834	+53,633.96574	+254,495.62267	0.00000	0.00000	0.00000	35.50327	0 00	00.00	0
EP 00-0	4+09.23180	+53,656.55936	+254,468.23636							

A-RAMP

***** UNURU MONUMENT JUNCTION *****
 BP 00-0 / BC 01-0 L= 216.5690

R1= 0.0000
 A = 0.0000
 R2= 0.0000

S T A.	X	Y	T	D	A
0+00.0000	+53,420.8863	+254,802.4176	303 31 10.12	20.0000	303 31 10.12
0+20.0000	+53,431.9307	+254,735.7436	303 31 10.12	20.0000	303 31 10.12
0+40.0000	+53,442.9751	+254,769.6696	303 31 10.12	20.0000	303 31 10.12
0+60.0000	+53,454.0195	+254,752.3957	303 31 10.12	20.0000	303 31 10.12
0+80.0000	+53,465.0639	+254,735.7217	303 31 10.12	20.0000	303 31 10.12
1+00.0000	+53,476.1083	+254,719.0478	303 31 10.12	20.0000	303 31 10.12
1+20.0000	+53,487.1528	+254,702.3738	303 31 10.12	20.0000	303 31 10.12
1+40.0000	+53,498.1972	+254,685.6998	303 31 10.12	20.0000	303 31 10.12
1+60.0000	+53,509.2416	+254,669.0259	303 31 10.12	20.0000	303 31 10.12
1+80.0000	+53,520.2860	+254,652.3519	303 31 10.12	20.0000	303 31 10.12
2+00.0000	+53,531.3304	+254,635.6779	303 31 10.12	16.5690	303 31 10.12
2+16.5690	+53,540.4801	+254,621.8644	303 31 10.12		

BC 01-0 / EC 01-0 L= 157.1595

R1= + 1,500.0000
 A = 0.0000
 R2= + 1,500.0000

S T A.	X	Y	Y	Y	D	A
2+16.5690	+53,540.4801	+254,621.8644	303 31 10.12	303 31 10.12	3.4310	303 35 06.02
2+20.0000	+53,542.3781	+254,619.0062	303 39 01.92	303 39 01.92	19.9999	304 01 57.01
2+40.0000	+53,553.5712	+254,602.4319	304 24 52.11	304 24 52.11	19.9999	304 47 47.21
2+60.0000	+53,564.9844	+254,586.0083	305 10 42.31	305 10 42.31	19.9999	305 33 37.41
2+60.0000	+53,576.6155	+254,569.7384	305 56 32.51	305 56 32.51	19.9999	306 19 27.61
3+00.0000	+53,588.6266	+254,553.6249	306 42 22.71	306 42 22.71	19.9999	307 05 17.80
3+20.0000	+53,600.5234	+254,537.6709	307 28 12.90	307 28 12.90	19.9999	307 51 08.00
3+40.0000	+53,612.7958	+254,521.8791	308 14 03.10	308 14 03.10	19.9999	308 36 58.20
3+60.0000	+53,625.2777	+254,506.2523	308 59 53.30	308 59 53.30	13.7285	309 15 37.20
3+73.7235	+53,635.9657	+254,495.6227	309 31 21.11	309 31 21.11		

EC 01-0 / EP 00-0 L= 35.5033

R1= 0.0000
 A = 0.0000
 R2= 0.0000

S T A.	X	Y	Y	Y	D	A
3+73.7285	+53,633.9657	+254,495.6227	309 31 21.11	309 31 21.11	6.2715	309 31 21.11
3+80.0000	+53,637.9568	+254,490.7850	309 31 21.11	309 31 21.11	20.0000	309 31 21.11
4+00.0000	+53,650.6844	+254,475.3375	309 31 21.11	309 31 21.11	9.2318	309 31 21.11
4+09.2318	+53,656.5594	+254,468.2364	309 31 21.11	309 31 21.11		

I.P NO. ()

IP +53,583.9132 +254,556.2926
 AP1 +53,562.1818 +254,589.1010
 AP2 +53,608.9567 +254,525.9368
 S1 +53,562.6033 +254,589.3964
 S +53,585.5692 +254,557.5189
 S2 +53,609.5621 +254,526.2539
 C +53,597.2229 +254,558.7435
 O +54,791.0273 +255,450.1951

R +1,500.0000
 TL 73.6517
 D 157.0877
 M 2.0578
 SL 2.0605
 TL1/2 39.2989
 SL1/2 0.5147
 CL 157.1595

IA 6 00 10.99
 T1 303 31 10.12
 T2 309 31 21.11

NAME	S	T	A.	X	Y	R1	A	R2	L	T
BC 01-0	2+16.5690	+53,540.4801	+254,621.8644	+1,500.0000	0.0	+1,500.0000	157.1595	303 31 10.12		
EC 01-0	3+73.7285	+53,633.9657	+254,495.6227					309 31 21.11		

S-01942-I (FORM 1)

B-RAMP

UHURU MONUMENT JUNCTION

NAME	S. T. A.	X	Y	R1	A	R2	L	ERROR	ANG.	TYPE
BC 01-0	0+00.00000	+53,470.92905	+256,760.10572	+1,000.00000	0.00000	+1,000.00000	227.79435	0.00	00.00	100
EC 01-0	2+27.79435	+53,622.87452	+256,591.05293	0.00000	0.00000	0.00000	91.96529	0.00	00.00	0
EP 00-0	3+19.75965	+53,691.72605	+256,530.08506							

BC 01-0 / EC 01-0 L= 227.7944

R1= + 1,000.0000
 A = 0.0000
 R2= + 1,000.0000

S T A.	X	Y	T	D	A
0+00.0000	+53,470.9291	+254,760.1057	305 25 24.71	19.9997	305 59 47.35
0+20.0000	+53,482.6836	+254,743.9249	306 34 10.00	19.9997	307 08 32.65
0+40.0000	+53,494.7593	+254,727.9825	307 42 55.30	19.9997	308 17 17.95
0+60.0000	+53,507.1515	+254,712.2847	308 51 40.59	19.9997	309 26 03.24
0+80.0000	+53,519.8551	+254,696.8378	310 00 25.89	19.9997	310 34 48.54
1+00.0000	+53,532.8651	+254,681.6482	311 09 11.19	19.9997	311 43 33.83
1+20.0000	+53,546.1763	+254,666.7217	312 17 56.48	19.9997	312 52 19.13
1+40.0000	+53,559.7833	+254,652.0644	313 26 41.78	19.9997	314 01 04.43
1+60.0000	+53,573.6808	+254,637.6822	314 35 27.07	19.9997	315 09 49.72
1+80.0000	+53,587.2630	+254,623.5808	315 44 12.37	19.9997	316 18 35.02
2+00.0000	+53,602.3245	+254,609.7658	316 52 57.67	19.9997	317 27 20.31
2+20.0000	+53,617.0593	+254,596.2428	318 01 42.96	7.7943	318 15 06.81
2+27.7944	+53,622.3745	+254,591.0529	318 28 30.66		

EC C1-C / EP 00-0 L= 91.9653

R1= 0.0000
 A = 0.0000
 R2= 0.0000

S T A.	X	Y	T	D	A
2+27.7944	+53,622.8745	+254,591.0529	318 28 30.66	12.2056	318 28 30.66
2+40.0000	+53,632.0125	+254,582.9613	318 28 30.66	20.0000	318 28 30.66
2+60.0000	+53,646.9859	+254,569.7024	318 28 30.66	20.0000	318 28 30.66
2+80.0000	+53,661.9592	+254,556.4435	318 28 30.66	20.0000	318 28 30.66
3+00.0000	+53,676.9326	+254,543.1846	318 28 30.66	19.7596	318 28 30.66
3+19.7596	+53,691.7261	+254,530.0851	318 28 30.66		

I.P NO. ()

IP +53,537.2326 +254,666.8886
 AP1 +53,503.9731 +254,713.6487
 AP2 +53,580.1927 +254,628.8475
 S1 +53,505.2406 +254,714.6636
 S +53,542.0829 +254,671.2481
 S2 +53,521.3367 +254,630.0000
 C +53,546.9018 +254,675.5793
 O +54,285.8159 +255,539.7216

R +1,000.0000
 TL 114.3923
 P 227.3022
 X 6.4793
 SL 6.5215
 TL1,2 57.0102
 SL1,2 1.6238
 CL 227.7944

IA 13 03 05.96
 T1 305 25 24.71
 T2 318 28 30.66

NAME	S	T	A.	X	Y	R1	A	R2	L	T
BC 01-0	0	+J0.0000		+53,470.9291	+254,760.1057	+1,000.0000	0.0	+1,000.0000	227.7944	305 25 24.71
EC 01-0	2	+27.7944		+53,622.8745	+254,591.0529					318 28 30.66

 UHURU MONUMENT JUNCTION

C-RAMP

S-01942-I (FORM 1)

PAGE 17

NAME	S T A.	X	Y	R1	A	R2	L	ERROR ANG.	TYPE
BP 00-0	0+00.00000	+53,656.55936	+254,468.23636	0.00000	0.00000	0.00000	167.17179	0 00 00.00	0
BC 01-0	1+67.17179	+53,728.30753	+254,365.33434	+1,000.00000	0.00000	+1,000.00000	102.94870	0 00 00.00	100
EC 02-0	2+70.12049	+53,872.55725	+254,306.24912	-1,000.00000	0.00000	-1,000.00000	71.68240	0 00 00.00	100
EC 02-0	3+41.80239	+53,931.26915	+254,266.02145						

BP 00-0 / EC 01-0 L= 167.1713

R1= 0.0000
 A = 0.0000
 R2= 0.0000

S T A.	X	Y	T	D	A
0+00.0000	+53,656.3594	+254,468.2364	322 00 30.08	20.0000	322 00 30.08
0+20.0000	+53,672.3214	+254,455.9254	322 00 30.08	20.0000	322 00 30.08
0+40.0000	+53,688.0834	+254,443.6145	322 00 30.08	20.0000	322 00 30.08
0+60.0000	+53,703.8454	+254,431.3036	322 00 30.08	20.0000	322 00 30.08
0+80.0000	+53,719.6074	+254,418.9926	322 00 30.08	20.0000	322 00 30.08
1+00.0000	+53,735.3694	+254,406.6817	322 00 30.08	20.0000	322 00 30.08
1+20.0000	+53,751.1314	+254,394.3708	322 00 30.08	20.0000	322 00 30.08
1+40.0000	+53,766.8934	+254,382.0598	322 00 30.08	20.0000	322 00 30.08
1+60.0000	+53,782.6554	+254,369.7489	322 00 30.08	7.1718	322 00 30.08
1+67.1718	+53,788.3075	+254,365.3343	322 00 30.08		322 00 30.08

BC 01-0 / EC 02-0 L= 102.9487

R1= + 1,000.0000
 A = 0.0000
 R2= + 1,000.0000

S T A.	X	Y	T	D	A
1+67.1718	+53,783.3075	+254,365.3343	322 00 30.08	12.8281	322 22 33.08
1+80.0000	+53,793.4678	+254,357.5030	322 44 36.08	19.9997	323 18 58.73
2+00.0000	+53,814.5065	+254,345.5553	323 53 21.38	19.9997	324 27 44.03
2+20.0000	+53,830.7809	+254,333.9307	325 02 06.68	19.9997	325 36 29.32
2+40.0000	+53,847.2845	+254,322.6339	326 10 51.97	19.9997	326 45 14.62
2+60.0000	+53,864.0107	+254,311.6694	327 19 37.27	10.1204	327 37 01.02
2+70.1205	+53,872.5573	+254,306.2491	327 54 24.77		

EBC 02-0 / EC 02-0 L= 71.6824

R1= - 1,000.0000
 A = 0.0000
 R2= - 1,000.0000

S T A.	X	Y	T	D	A
2+70.1205	+53,972.5573	+254,306.2491	327 54 24.77	9.8795	327 37 25.87
2+80.0000	+53,880.9810	+254,300.9589	327 20 26.97	19.9997	326 46 04.33
3+00.0000	+53,897.6299	+254,289.9984	326 11 41.68	19.9997	325 37 19.03
3+20.0000	+53,914.1362	+254,278.7056	325 02 56.38	19.9997	324 28 33.73
3+40.0000	+53,930.4133	+254,267.0849	323 54 11.09	1.8029	323 51 05.15
3+41.8029	+53,931.8692	+254,266.0215	323 47 59.21		

***** UHURU MONUMENT JUNCTION C-RAMP

S-01942-I (FORM 5)

I-P NO. ()

IP +55,823.9104 +254,333.6215
 AP1 +53,808.5955 +254,349.4894
 AP2 +53,850.7423 +254,319.9262
 S1 +53,803.7926 +254,349.7547
 S +53,829.6719 +254,334.7073
 S2 +53,850.9314 +254,320.2023
 C +53,830.4324 +254,335.7917
 O +54,403.8541 +255,153.4349

R +1,000.0000
 FL 51.5199
 O 102.9032
 M 1.3265
 SL 1.3263
 TL1,2 25.7429
 SL1,2 0.3313
 CL 102.9487

IA 5 53 54.69
 T1 322 00 30.08
 T2 327 54 24.77

NAME	S T A.	X	Y	R1	A	R2	L	T
8C 01-0	1+57.1718	+53,768.3075	+254,365.3343	+1,000.0000	0.0	+1,000.0000	102.9487	322 00 30.08
8BC 02-0	2+70.1205	+53,872.5573	+254,306.2491					327 54 24.77

***** UHURU MONUMENT JUNCTION

C-RAMP

S-01942-I (FORM 5)

PAGE 21

I.P NO. ()

IP	+53,902.9344	+254,287.1986
AP1	+53,887.7410	+254,296.7269
AP2	+53,917.4064	+254,276.6066
S1	+53,887.6532	+254,296.5924
S	+53,902.5737	+254,286.6668
S2	+53,917.3139	+254,276.4754
C	+53,902.2152	+254,286.1353
O	+53,343.2604	+253,459.0634

R	-1,000.0000
TL	35.8566
D	71.6671
M	0.6422
SL	0.6426
TL1,2	17.9225
SL1,2	0.1606
CL	71.6824

IA	4 06 25.56
T1	327 54 24.77
T2	323 47 59.21

NAME	S T A.	X	Y	R1	A	R2	L	T
ESC 02-0	2+70.1205	+53,872.5573	+254,306.2491	-1,000.0000	0.0	-1,000.0000	71.6824	327 54 24.77
EC 02-0	3+41.8029	+53,931.8692	+254,266.0215					323 47 59.21

UHURU MONUMENT JUNCTION

D-RAMP

S-01942-I (FORM 1)

PAGE 22

NAME	S T A.	X	Y	R1	A	R2	L	ERROR	ANG.	TYPE
BP 00-0	0+00.00000	+53,691.72605	+254,530.08506	0.00000	0.00000	0.00000	180.52825	0 00	00.00	0
BC 01-0	1+20.52825	+53,512.51811	+254,395.92200	+ 600.00000	0.00000	+ 600.00000	86.90193	0 00	00.00	100
EC 01-0	2+57.43017	+53,975.13021	+254,335.76822	0.00000	0.00000	0.00000	114.91640	0 00	00.00	0
EP 00-0	3+82.34657	+53,963.54225	+254,262.35780							

S-01942-1 (FORM 9)

D-RAMP

UHURU MONUMENT JUNCTION

BP 00-0 / EC 01-0 L= 180.5282

R1= 0.0000
A = 0.0000
R2= 0.0000

S T A.	X	Y	T	D	A
0+00.0000	+53,691.7261	+254,530.0851	311 59 52.44	20.0000	311 59 52.44
0+20.0000	+53,705.1061	+254,515.2217	311 59 52.44	20.0000	311 59 52.44
0+40.0000	+53,718.4902	+254,500.3583	311 59 52.44	20.0000	311 59 52.44
0+60.0000	+53,731.8723	+254,485.4949	311 59 52.44	20.0000	311 59 52.44
0+80.0000	+53,745.2543	+254,470.6315	311 59 52.44	20.0000	311 59 52.44
1+00.0000	+53,758.6364	+254,455.7681	311 59 52.44	20.0000	311 59 52.44
1+20.0000	+53,772.0185	+254,440.9047	311 59 52.44	20.0000	311 59 52.44
1+40.0000	+53,785.4005	+254,426.0413	311 59 52.44	20.0000	311 59 52.44
1+60.0000	+53,798.7826	+254,411.1780	311 59 52.44	20.0000	311 59 52.44
1+80.0000	+53,812.1647	+254,396.3146	311 59 52.44	0.5282	311 59 52.44
1+80.5282	+53,812.5181	+254,395.9220	311 59 52.44		

BC 01-0 / EC 01-0 L= 86.9019

R1= + 600.0000
A = 0.0000
R2= + 500.0000

S T A.	X	Y	T	D	A
1+80.5282	+53,812.5181	+254,395.9220	311 59 52.44	19.4709	312 55 39.39
2+00.0000	+53,825.7792	+254,331.6651	313 51 26.34	19.9991	314 48 44.09
2+20.0000	+53,839.8743	+254,367.4774	315 46 01.83	19.9991	316 43 19.58
2+40.0000	+53,854.4344	+254,353.7673	317 40 37.33	19.9991	318 37 55.07
2+60.0000	+53,869.4433	+254,340.5500	319 35 12.82	7.4301	319 56 29.97
2+67.4302	+53,875.1302	+254,335.7682	320 17 47.13		

EC 01-0 / EP 00-0 L= 114.9164

R1= 0.0000
 A = C.0000
 R2= D.0000

S T A.	X	Y	T	D	A
2+67.4302	+55,875.1302	+254,335.7682	320 17 47.13	12.5698	320 17 47.13
2+60.0000	+53,884.2009	+254,327.7324	320 17 47.13	20.0000	320 17 47.13
3+00.0000	+53,900.1821	+254,314.9621	320 17 47.13	20.0000	320 17 47.13
3+20.0000	+53,915.5753	+254,302.1858	320 17 47.13	20.0000	320 17 47.13
3+40.0000	+53,930.9625	+254,289.4095	320 17 47.13	20.0000	320 17 47.13
3+60.0000	+53,946.3497	+254,276.6331	320 17 47.13	20.0000	320 17 47.13
3+80.0000	+53,961.7369	+254,263.8568	320 17 47.13	2.3466	320 17 47.13
3+82.3460	+53,963.5423	+254,262.3578	320 17 47.13		

UHURU MONUMENT JUNCTION

D-RAMP

S-01942-1 (FORM 5)

PAGE 25

I.P. NO. ()

IP	+53,841.6422	+254,363.5740
AP1	+53,827.0611	+254,379.7692
AP2	+53,858.4082	+254,349.6599
ST	+53,827.3438	+254,380.0430
S	+53,842.7346	+254,364.7110
S2	+53,858.6704	+254,349.9403
C	+53,343.9242	+254,365.8451
O	+54,253.4197	+254,797.5840

R	+ 600.0000
TL	43.5271
D	86.8260
H	1.5726
SL	1.5768
TL1,2	21.7350
SL1,2	0.3935
CL	86.9019

IA	8 17 54.63
T1	311 59 52.44
T2	320 17 47.13

NAME	S	T	A.	X	Y	R1	A	R2	L	T
BC 01-0	1+30.5282			+53,812.5181	+254,395.9220	+ 600.0000	0.0	+ 600.0000	86.9019	311 59 52.44
EC 01-0	2+67.6302			+53,875.1302	+254,335.7682					320 17 47.13

S T A.	XO	YO	YO	S T A.	X	Y	T	D
62+99.0000	+53,426.5253	+254,806.5651	306 20 04.27	0+00.0000	+53,420.8863	+254,802.4776	303 31 10.12	7.0000
63+00.0000	+53,426.5507	+254,806.5305	306 20 02.06	0+00.0428	+53,420.9100	+254,802.3819	303 31 10.12	7.0021
63+20.0000	+53,436.3602	+254,790.3894	306 02 50.73	0+20.0272	+53,431.9457	+254,785.7209	303 31 10.12	7.9335
63+40.0000	+53,450.0888	+254,774.1895	305 45 39.41	0+40.0027	+53,442.9766	+254,769.0674	303 31 10.12	8.7646
63+60.0000	+53,461.7363	+254,757.9311	305 28 28.08	0+59.9705	+53,454.0032	+254,752.4203	303 31 10.12	9.4957
63+79.1760	+53,472.8274	+254,742.2890	305 11 59.25	0+79.1091	+53,464.5719	+254,736.4645	303 31 10.12	10.1028
63+80.0000	+53,473.3025	+254,741.6148	305 13 24.24	0+79.9376	+53,465.0295	+254,735.7737	303 31 10.12	10.1272
64+00.0000	+53,484.9193	+254,725.3345	305 47 46.88	1+00.0544	+53,476.1384	+254,719.0024	303 31 10.12	10.8259
64+20.0000	+53,496.6924	+254,709.1713	306 22 09.53	1+20.1873	+53,487.2562	+254,702.2177	303 31 10.12	11.7264
64+40.0000	+53,508.6384	+254,693.1266	306 56 32.18	1+40.3401	+53,498.3850	+254,685.4163	303 31 10.12	12.8290
64+60.0000	+53,520.7384	+254,677.2021	307 30 54.83	1+60.5171	+53,509.5271	+254,668.5947	303 31 10.12	14.1343
64+80.0000	+53,532.9969	+254,661.3995	308 05 17.48	1+80.7223	+53,520.6849	+254,651.7497	303 31 10.12	15.6430
65+00.0000	+53,545.4129	+254,645.7202	308 39 40.12	2+00.9599	+53,531.8604	+254,634.8777	303 31 10.12	17.3559
65+20.0000	+53,557.5850	+254,630.1658	309 14 02.77	2+21.2331	+53,543.0618	+254,617.9799	303 41 51.48	19.2665
65+40.0000	+53,570.7121	+254,614.7380	309 48 25.42	2+41.5267	+53,554.4348	+254,601.7728	304 28 22.05	21.1888
65+60.0000	+53,583.5928	+254,599.4382	310 22 48.07	2+61.8326	+53,566.0411	+254,584.5711	305 14 54.31	23.0408
65+80.0000	+53,596.6258	+254,584.2679	310 57 10.72	2+82.1502	+53,577.8789	+254,567.9984	306 01 28.18	24.8222
66+00.0000	+53,609.8099	+254,569.2287	311 31 33.36	3+02.4791	+53,589.9460	+254,551.6386	306 48 03.61	26.5328
66+20.0000	+53,623.1437	+254,554.3222	312 05 56.01	3+22.8189	+53,602.2404	+254,535.4352	307 34 40.53	28.1721
66+40.0000	+53,636.6260	+254,539.5497	312 40 18.66	3+43.1690	+53,614.7597	+254,519.3920	308 21 18.87	29.7400
66+60.0000	+53,650.2552	+254,524.9128	313 14 41.31	3+63.5290	+53,627.5018	+254,503.5123	309 07 58.58	31.2362
66+80.0000	+53,664.0302	+254,510.4129	313 49 03.94	3+83.9010	+53,640.4393	+254,487.7759	309 31 21.11	32.6950
67+00.0000	+53,677.7495	+254,496.0514	314 23 26.60	4+04.3012	+53,653.4216	+254,472.0397	309 31 21.11	34.3246
67+04.3290	+53,681.3317	+254,492.6048	314 31 44.63	4+09.2318	+53,656.5594	+254,468.2364	309 31 21.11	34.7490

S T A.	XO	YO	TO	S T A.	X	Y	T	D
63+63.5562	+53,463.7988	+254,755.0341	305 25 24.71	0+00.0000	+53,470.9291	+254,760.1057	305 25 24.71	-8.7500
63+79.1760	+53,472.8274	+254,742.2830	305 11 59.25	0+15.6552	+53,480.1025	+254,747.4200	306 19 13.81	-8.9031
63+80.0000	+53,473.3025	+254,741.6148	305 13 24.24	0+16.4757	+53,480.5888	+254,746.7591	306 22 03.06	-8.9193
64+00.0000	+53,484.9193	+254,725.3345	305 47 46.88	0+36.3904	+53,492.5564	+254,730.8418	307 30 30.77	-9.4157
64+20.0000	+53,496.6984	+254,709.1713	306 22 09.53	0+56.3051	+53,504.8385	+254,715.1660	308 38 58.47	-10.1094
64+40.0000	+53,508.6584	+254,693.1266	306 56 32.18	0+76.2198	+53,517.4304	+254,699.7379	309 47 26.16	-11.0003
64+60.0000	+53,520.7384	+254,677.2021	307 30 54.83	0+96.1343	+53,530.3269	+254,684.5637	310 55 53.84	-12.0885
64+80.0000	+53,532.9969	+254,661.3995	308 05 17.48	1+16.0488	+53,543.5229	+254,669.6494	312 04 21.49	-13.3738
65+00.0000	+53,545.4129	+254,645.7202	308 39 40.12	1+35.9631	+53,557.0133	+254,655.0009	313 12 49.11	-14.8560
65+20.0000	+53,557.9850	+254,630.1658	309 14 02.77	1+55.8773	+53,570.7925	+254,640.6241	314 21 16.71	-16.5350
65+40.0000	+53,570.7121	+254,614.7360	309 48 25.42	1+75.7914	+53,584.8553	+254,626.5246	315 29 44.28	-18.4107
65+60.0000	+53,583.5928	+254,599.4392	310 22 48.07	1+95.7052	+53,599.1958	+254,612.7080	316 38 11.81	-20.4828
65+80.0000	+53,596.6258	+254,584.2679	310 57 10.72	2+15.6189	+53,613.8085	+254,599.1799	317 46 39.30	-22.7511
66+00.0000	+53,609.8099	+254,569.2237	311 31 33.36	2+35.5287	+53,628.6650	+254,585.9255	318 28 30.66	-25.1852
66+20.0000	+53,623.1437	+254,554.3222	312 05 56.01	2+55.3994	+53,643.5416	+254,572.7523	318 28 30.66	-27.4907
66+40.0000	+53,636.6260	+254,539.5497	312 40 18.66	2+75.2258	+53,658.3850	+254,559.6085	318 28 30.66	-29.5941
66+60.0000	+53,650.2552	+254,524.9128	313 14 41.31	2+95.0119	+53,673.1982	+254,546.4914	318 28 30.66	-31.4963
66+80.0000	+53,664.0302	+254,510.4129	313 49 03.96	3+14.7618	+53,687.9843	+254,533.3983	318 28 30.66	-33.1984
66+85.0664	+53,667.5426	+254,506.7616	313 57 46.47	3+19.7596	+53,691.7261	+254,530.0851	318 28 30.66	-33.5979

S T A.	X0	Y0	YO	S T A.	X	Y	T	D
67+04.8290	+53,681.3317	+254,492.6048	314 31 44.63	0+00.0000	+53,656.5594	+254,468.2364	322 00 30.08	34.7490
67+20.0000	+53,692.0116	+254,481.8299	314 57 49.25	0+15.5519	+53,668.8158	+254,458.6635	322 00 30.08	32.7831
67+40.0000	+53,706.2153	+254,467.7497	315 32 11.90	0+36.0097	+53,684.9387	+254,446.0707	322 00 30.08	30.3756
67+60.0000	+53,720.5591	+254,453.8122	316 06 34.55	0+56.4212	+53,701.0250	+254,433.5065	322 00 30.08	28.1764
67+80.0000	+53,735.0415	+254,440.0189	316 40 57.20	0+76.7906	+53,717.0781	+254,420.9682	322 00 30.08	26.1843
68+00.0000	+53,749.6612	+254,426.3711	317 15 19.84	0+97.1220	+53,733.1013	+254,408.4532	322 00 30.08	24.3984
68+20.0000	+53,764.4166	+254,412.8702	317 49 42.49	1+17.4196	+53,749.0978	+254,395.9591	322 00 30.08	22.8177
68+40.0000	+53,779.3062	+254,399.5175	318 24 05.14	1+37.6876	+53,765.0711	+254,383.4832	322 00 30.08	21.4415
68+60.0000	+53,794.3286	+254,386.3143	318 58 27.79	1+57.9301	+53,781.0241	+254,371.0230	322 00 30.08	20.2690
68+80.0000	+53,809.4924	+254,373.2620	319 32 50.44	1+78.1539	+53,796.9995	+254,358.6220	322 38 15.30	19.2394
69+00.0000	+53,824.7658	+254,360.3620	320 07 13.09	1+98.3758	+53,813.1951	+254,346.5136	323 47 46.37	18.0460
69+20.0000	+53,840.1775	+254,347.6154	320 41 35.73	2+18.5980	+53,829.6325	+254,334.7349	324 57 17.50	16.6464
69+40.0000	+53,855.7159	+254,335.0235	321 15 58.38	2+38.8206	+53,846.3050	+254,323.2909	326 06 48.70	15.0406
69+60.0000	+53,871.3795	+254,322.5877	321 50 21.03	2+59.0435	+53,863.2058	+254,312.1861	327 16 19.98	13.2288
69+80.0000	+53,887.1666	+254,310.3091	322 24 43.68	2+79.2588	+53,880.2768	+254,301.3586	327 22 59.85	11.2951
70+00.0000	+53,903.0757	+254,298.1890	322 59 06.33	2+99.4166	+53,897.1450	+254,290.3229	326 13 42.01	9.8513
70+20.0000	+53,919.1052	+254,286.2286	323 33 28.97	3+19.5286	+53,913.7497	+254,278.9756	325 04 33.62	9.0159
70+26.4381	+53,925.9039	+254,281.2306	323 47 59.21	3+28.0060	+53,920.6798	+254,274.0929	324 35 25.02	8.8452
70+40.0000	+53,935.2338	+254,274.4020	323 47 59.21	3+39.5684	+53,930.0645	+254,267.3391	323 55 40.11	8.7525
70+42.2345	+53,937.0370	+254,273.0823	323 47 59.21	3+41.8029	+53,931.8692	+254,266.0215	323 47 59.21	8.7500

S T A.	X0	Y0	TO	S T A.	X	Y	T	D
66+85.0664	+53,667.5426	+254,506.7616	313 57 46.47	0+00.0000	+53,691.7261	+254,530.0951	311 59 52.44	-33.5979
67+00.0000	+53,677.9495	+254,496.0514	314 23 26.60	0+14.6954	+53,701.5588	+254,519.1639	311 59 52.44	-33.0392
67+20.0800	+53,692.0116	+254,481.8399	314 57 49.25	0+34.3910	+53,714.7372	+254,504.5267	311 59 52.44	-32.1185
67+40.0000	+53,706.2153	+254,467.7497	315 32 11.90	0+54.1071	+53,727.9293	+254,489.8743	311 59 52.44	-30.9999
67+60.0000	+53,720.5591	+254,453.8122	316 06 34.55	0+73.8476	+53,741.1377	+254,475.2038	311 59 52.44	-29.6830
67+80.0000	+53,735.0415	+254,440.0139	316 40 57.20	0+93.6165	+53,754.3652	+254,460.5122	311 59 52.44	-28.1669
68+00.0000	+53,749.6612	+254,426.3711	317 15 19.84	1+13.4178	+53,767.6143	+254,445.7964	311 59 52.44	-26.4510
68+20.0000	+53,764.4166	+254,412.8702	317 49 42.49	1+33.2556	+53,780.8878	+254,431.0536	311 59 52.44	-24.5345
68+40.0000	+53,779.3062	+254,399.5175	318 24 05.14	1+53.1339	+53,794.1885	+254,416.2806	311 59 52.44	-22.4162
68+60.0000	+53,794.3286	+254,386.3143	318 58 27.79	1+73.0570	+53,807.5190	+254,401.4744	311 59 52.44	-20.0952
68+80.0000	+53,809.4824	+254,373.2620	319 32 50.44	1+93.0125	+53,820.9673	+254,386.7317	313 11 24.21	-17.7013
69+00.0000	+53,824.7658	+254,360.3620	320 07 13.09	2+12.9445	+53,834.8480	+254,372.4288	315 05 36.32	-15.7244
69+20.0000	+53,840.1775	+254,347.6154	320 41 35.73	2+32.8533	+53,849.1792	+254,358.6105	316 59 40.47	-14.2100
69+40.0000	+53,855.7159	+254,335.0235	321 15 58.38	2+52.7452	+53,863.9481	+254,345.2865	318 53 38.81	-13.1567
69+60.0000	+53,871.3795	+254,322.5977	321 50 21.03	2+72.6268	+53,879.1283	+254,332.4485	320 17 47.13	-12.5412
69+80.0000	+53,887.1666	+254,310.3091	322 24 43.68	2+92.5146	+53,894.4292	+254,319.7439	320 17 47.13	-11.9063
70+00.0000	+53,903.0757	+254,298.1890	322 59 06.33	3+12.4171	+53,909.7414	+254,307.0298	320 17 47.13	-11.0721
70+20.0000	+53,919.1052	+254,286.2286	323 33 28.97	3+32.3384	+53,925.0680	+254,294.3038	320 17 47.13	-10.0381
70+28.4381	+53,925.9039	+254,281.2306	323 47 59.21	3+40.7498	+53,931.5394	+254,288.9305	320 17 47.13	-9.5419
70+40.0000	+53,935.2338	+254,274.4020	323 47 59.21	3+52.3334	+53,940.4513	+254,281.5307	320 17 47.13	-8.8340
70+60.0000	+53,951.3730	+254,262.5899	323 47 59.21	3+72.3708	+53,955.8673	+254,268.7305	320 17 47.13	-7.6096
70+69.9571	+53,959.4080	+254,256.7091	323 47 59.21	3+82.3466	+53,963.5423	+254,262.3578	320 17 47.13	-7.0000

***** LANGATA ROAD *****

UHURU MONUMENT JUNCTION

CROSS NAME *** CT= 240 22 39.99

NAME	DISTANCE	WIDTH	X	Y	T	I.A.	STATION	TYPE	PR. STATION	TYPE
ARAMP	0.0	0.0	+53,656.5594	+254,468.2364	309 31 21.11	69 08 41.12	4+09.2318	0	1+63.8526	0
CRAMP	0.0	0.0000	+53,656.5594	+254,468.2364	322 00 30.08	81 37 50.08	0+00.0000	0	1+63.8526	0
CENT	0.0	36.1474	+53,674.4263	+254,499.6594	314 14 46.52	73 52 06.53	66+94.9571	100	2+00.0000	0
SRAMP	0.0	35.0000	+53,691.7261	+254,530.0851	318 28 30.66	78 05 50.67	3+19.7596	0	2+35.0000	0
DRAMP	0.0	0.0	+53,691.7261	+254,530.0851	311 59 52.44	71 37 12.45	0+00.0000	0	2+35.0000	0

NAME	S T A.	X	Y	R1	A	R2	L	ERROR ANG.	TYPE
BP 00-0	0+00.00000	+53,575.57046	+254,325.79879	0.00000	0.00000	0.00000	500.00000	0 00 00.00	0
EP 00-0	5+00.00000	+53,822.71001	+254,760.45042						

UHURU MONUMENT JUNCTION LANGATA ROAD
 BP 00-0 / EP 00-0 L= 500.0000

R1= 0.0000
 A = 0.0000
 R2= 0.0000

S T A.	X	Y	T	P	A
0+00.0000	+53,575.5705	+254,325.7988	60 22 39.99	20.0000	60 22 39.99
0+20.0000	+53,585.4560	+254,343.1849	60 22 39.99	20.0000	60 22 39.99
0+40.0000	+53,595.3416	+254,360.5709	60 22 39.99	20.0000	60 22 39.99
0+60.0000	+53,605.2272	+254,377.9570	60 22 39.99	20.0000	60 22 39.99
0+80.0000	+53,615.1128	+254,395.3431	60 22 39.99	20.0000	60 22 39.99
1+00.0000	+53,624.9984	+254,412.7291	60 22 39.99	20.0000	60 22 39.99
1+20.0000	+53,634.8840	+254,430.1152	60 22 39.99	20.0000	60 22 39.99
1+40.0000	+53,644.7695	+254,447.5012	60 22 39.99	20.0000	60 22 39.99
1+60.0000	+53,654.6551	+254,464.8873	60 22 39.99	20.0000	60 22 39.99
1+80.0000	+53,664.5407	+254,482.2734	60 22 39.99	20.0000	60 22 39.99
2+00.0000	+53,674.4263	+254,499.6594	60 22 39.99	20.0000	60 22 39.99
2+20.0000	+53,684.3119	+254,517.0455	60 22 39.99	20.0000	60 22 39.99
2+40.0000	+53,694.1974	+254,534.4316	60 22 39.99	20.0000	60 22 39.99
2+60.0000	+53,704.0830	+254,551.8176	60 22 39.99	20.0000	60 22 39.99
2+80.0000	+53,713.9686	+254,569.2037	60 22 39.99	20.0000	60 22 39.99
3+00.0000	+53,723.8542	+254,586.5898	60 22 39.99	20.0000	60 22 39.99
3+20.0000	+53,733.7398	+254,603.9758	60 22 39.99	20.0000	60 22 39.99
3+40.0000	+53,743.6254	+254,621.3619	60 22 39.99	20.0000	60 22 39.99
3+60.0000	+53,753.5109	+254,638.7480	60 22 39.99	20.0000	60 22 39.99
3+80.0000	+53,763.3965	+254,656.1340	60 22 39.99	20.0000	60 22 39.99
4+00.0000	+53,773.2821	+254,673.5201	60 22 39.99	20.0000	60 22 39.99
4+20.0000	+53,783.1677	+254,690.9062	60 22 39.99	20.0000	60 22 39.99
4+40.0000	+53,793.0533	+254,708.2922	60 22 39.99	20.0000	60 22 39.99
4+60.0000	+53,802.9388	+254,725.6783	60 22 39.99	20.0000	60 22 39.99

UHURU MONUMENT JUNCTION

LANGATA ROAD

S-11480-1 (FORM 9)

BP 00-0 / EP 00-0

60 22 39.99

20.0000

60 22 39.99

+254,743.0644

+53,812.8244

60 22 39.99

20.0000

60 22 39.99

+254,760.4504

+53,822.7100

60 22 39.99

20.0000

60 22 39.99

+254,760.4504

+53,822.7100

 LANGATA ROAD TEMPORARY ALIGNMENT

S-11480-1 (FORM 1)

PAGE

34

NAME	S T A.	X	Y	R1	A	RZ	L	ERROR	ANG.	TYPE
BP 00-0	0+00.00000	+53,570.78929	+254,323.51732	0.00000	0.00000	0.00000	1.57651	0 00	00.00	0
BC 01-0	0+01.57851	+53,571.56952	+254,329.88953	- 370.00000	0.00000	- 370.00000	66.66207	0 00	00.00	100
EC 01-0	0+08.24058	+53,609.54743	+254,384.56587	0.00000	0.00000	0.00000	1.59885	0 00	00.00	0
BC 02-0	0+69.83943	+53,630.57398	+254,385.79164	+ 400.00000	0.00000	+ 400.00000	72.06711	0 00	00.00	100
EC 02-0	1+41.90654	+53,651.63118	+254,444.90120	0.00000	0.00000	0.00000	209.13260	0 00	00.00	0
BC 03-0	3+51.05914	+53,755.00106	+254,626.70085	+ 400.00000	0.00000	+ 400.00000	69.29827	0 00	00.00	100
EC 03-0	4+20.33741	+53,783.87743	+254,689.60082	0.00000	0.00000	0.00000	11.74365	0 00	00.00	0
BC 04-0	4+32.08105	+53,787.63538	+254,700.65740	- 400.00000	0.00000	- 400.00000	69.29827	0 00	00.00	100
EC 04-0	5+01.37932	+53,816.71175	+254,763.55736	0.00000	0.00000	0.00000	0.26394	0 00	00.00	0
EP 00-0	5+01.64326	+53,816.94222	+254,763.78681							

LANGATA ROAD TEMPORARY ALIGNMENT

BP 00-0 / BC 01-0 L= 1.5785

R1= 0.0000
A = 0.0000
R2= 0.0000

S T A.	X	Y	T	D	A
0+00.0000	+53,570.7893	+254,328.5175	60 22 39.99	1.5785	60 22 39.99
0+01.5785	+53,571.5695	+254,329.8895	60 22 39.99		

BC 01-0 / EC 01-0 L= 66.6621

R1= - 370.0000
A = 0.0000
R2= - 370.0000

S T A.	X	Y	T	D	A
0+01.5785	+53,571.5695	+254,329.8895	60 22 39.99	18.4196	58 57 05.25
0+20.0000	+53,581.0697	+254,345.6702	57 31 30.52	19.9976	55 58 35.79
0+40.0000	+53,592.2580	+254,362.2443	54 25 41.07	19.9976	52 52 46.34
0+60.0000	+53,604.3273	+254,378.1897	51 19 51.62	8.2604	50 41 34.67
0+68.2406	+53,609.5474	+254,384.5659	50 03 17.72		

EC 01-0 / BC 02-0 L= 1.5989

R1= 0.0000
A = 0.0000
R2= 0.0000

S T A.	X	Y	T	D	A
0+68.2406	+53,609.5474	+254,384.5659	50 03 17.72	1.5989	50 03 17.72
0+69.8394	+53,610.5740	+254,385.7916	50 03 17.72		

LANGATA ROAD TEMPORARY ALIGNMENT

BC 02-U / EC 02-0 L= 72.0671

R1= 400.0000
A = 0.0000
R2= 400.0000

S T A.	X	Y	T	D	A
0+07.3394	+53,610.5740	+254,385.7916	50 03 17.72	10.1603	50 46 57.43
0+80.0000	+53,616.9280	+254,393.6634	51 30 37.14	19.9779	52 56 33.76
1+00.0000	+53,629.0490	+254,409.6224	54 22 30.38	19.9779	55 48 27.00
1+20.0000	+53,640.2873	+254,426.1637	57 14 23.62	19.9779	58 40 20.24
1+40.0000	+53,650.5349	+254,443.2461	60 06 16.86	1.9065	60 14 28.43
1+41.9065	+53,651.6312	+254,444.9012	60 22 39.99		

EC 02-U / BC 03-0 L= 209.1326

R1= 0.0000
A = 0.0000
R2= 0.0000

S T A.	X	Y	T	D	A
1+41.9065	+53,651.6312	+254,444.9012	60 22 39.99	18.0935	60 22 39.99
1+60.0000	+53,660.5744	+254,460.6299	60 22 39.99	20.0000	60 22 39.99
1+80.0000	+53,670.4600	+254,478.0160	60 22 39.99	20.0000	60 22 39.99
2+00.0000	+53,680.3456	+254,495.4020	60 22 39.99	20.0000	60 22 39.99
2+20.0000	+53,690.2311	+254,512.7881	60 22 39.99	20.0000	60 22 39.99
2+40.0000	+53,700.1167	+254,530.1742	60 22 39.99	20.0000	60 22 39.99
2+60.0000	+53,710.0023	+254,547.5602	60 22 39.99	20.0000	60 22 39.99
2+80.0000	+53,719.8879	+254,564.9463	60 22 39.99	20.0000	60 22 39.99
3+00.0000	+53,729.7735	+254,582.3324	60 22 39.99	20.0000	60 22 39.99
3+20.0000	+53,739.6591	+254,599.7184	60 22 39.99	20.0000	60 22 39.99
3+40.0000	+53,749.5446	+254,617.1045	60 22 39.99	11.0391	60 22 39.99
3+51.0391	+53,755.0011	+254,626.7009	60 22 39.99		

LANGATA ROAD TEMPORARY ALIGNMENT

BC 03-0 / EC 03-0 L= 69.2983

R1= + 400.0000
 A = 0.0000
 R2= + 400.0000

S T A.	X	Y	T	D	A
3+51.0391	+53,755.0011	+254,626.7009	60 22 39.99	8.9607	61 01 10.38
3+60.0000	+53,759.3426	+254,634.5395	61 39 40.77	19.9979	63 05 37.39
3+80.0000	+53,768.3923	+254,652.3726	64 31 34.01	19.9979	65 57 30.63
4+00.0000	+53,776.5394	+254,670.6357	67 23 27.25	19.9979	68 49 23.87
4+20.0000	+53,785.7636	+254,689.2832	70 15 20.49	0.3374	70 16 47.48
4+20.3374	+53,785.8774	+254,689.6008	70 18 14.47		

EC 03-0 / BC 04-0 L= 11.7436

R1= 0.0000
 A = 0.0000
 R2= 0.0000

S T A.	X	Y	T	D	A
4+20.3374	+53,785.8774	+254,689.6008	70 18 14.47	11.7436	70 18 14.47
4+32.0811	+53,787.8354	+254,700.6574	70 18 14.47		

LANGATA ROAD TEMPORARY ALIGNMENT

BC 04-0 / EC 04-0 L= 69.2983

R1= 400.0000
 A = 0.0000
 R2= 400.0000

S T A.	X	Y	T	D	A
4+32.0811	+53,787.8354	+254,700.6574	70 18 14.47	7.9188	69 44 12.72
4+40.0000	+53,790.5779	+254,708.0861	69 10 10.97	19.9979	67 44 14.35
4+60.0000	+53,798.1542	+254,726.5933	66 18 17.73	19.9979	64 52 21.11
4+80.0000	+53,806.0460	+254,744.6988	63 26 24.49	19.9979	62 00 27.87
5+00.0000	+53,816.0321	+254,762.3571	60 34 31.25	1.3793	60.28 35.62
5+01.3793	+53,816.7118	+254,763.5574	60 22 39.99		

EC 04-0 / EP 00-0 L= 0.2639

R1= 0.0000
 A = 0.0000
 R2= 0.0000

S T A.	X	Y	T	D	A
5+01.3793	+53,816.7118	+254,763.5574	60 22 39.99	0.2639	60 22 39.99
5+01.6433	+53,810.8422	+254,703.7868	60 22 39.99		

LANGATA ROAD TEMPORARY ALIGNMENT

I.P. NO. ()

IP	+53,586.0891	+254,558.9429
AP1	+53,579.8125	+254,344.3867
AP2	+53,598.8400	+254,371.7804
S1	+53,580.1304	+254,344.1865
S	+53,589.3263	+254,358.0836
S2	+53,599.1386	+254,371.5525
C	+53,590.5985	+254,357.2277
0	+53,895.2117	+254,147.0003

R	- 370.0000
TL	33.4215
0	56.5719
M	1.5003
SL	1.5064
TL1,2	16.6768
SL1,2	0.3756
CL	66.6621

IA	10 19 22.27
T1	60 22 59.99
T2	50 03 17.72

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 01-0	0+01.5785	+53,571.5695	+254,329.8895	- 370.0000	0.0	- 370.0000	66.6621	60 22 59.99
EC 01-0	0+08.2406	+53,609.5474	+254,384.5659					50 03 17.72

LANGATA ROAD TEMPORARY ALIGNMENT

I.P NO. ()

IP +53,633.7722 +254,413.4921
 AP1 +53,622.1495 +254,399.6137
 AP2 +53,642.7198 +254,429.2286
 S1 +53,621.8268 +254,399.8602
 S +53,632.4347 +254,414.4211
 S2 +53,642.5762 +254,429.4450
 C +53,631.1026 +254,413.3464
 O +53,303.9099 +254,642.6128

R + 400.0000
 TL 36.1313
 O 71.9697
 M 1.6219
 SL 1.6285
 TL1,2 18.0290
 SL1,2 0.4061
 CL 72.0671

IA 10 19 22.27
 T1 50 03 17.72
 T2 60 22 39.99

NAME	S	T	A.	X	Y	R1	A	R2	L	T
BC U2-0	0+69.8394			+53,610.5740	+254,385.7916	+ 400.0000	0.0	+ 400.0000	72.0671	50 03 17.72
EC 02-0	1+41.9055			+53,651.6312	+254,644.9012					60 22 39.99

LANGATA ROAD TEMPORARY ALIGNMENT

I.P. NO. ()

IP	+53,772.1704	+254,556.8970
AP1	+53,763.5696	+254,641.7796
AP2	+53,778.0349	+254,673.2796
S1	+53,763.2355	+254,641.9419
S	+53,770.8022	+254,657.5251
S2	+53,777.6872	+254,673.4214
C	+53,769.4392	+254,658.1508
O	+53,407.2798	+254,824.4125
R	+ 400.0000	
TL	34.7361	
D	69.2116	
M	1.4998	
SL	1.5054	
TL1,2	17.3354	
SL1,2	0.3755	
CL	69.2983	

IA	9 55 34.48
T1	60 22 39.99
T2	70 18 14.47

NAME	S T A.	X	Y	R1	A	R2	L	T
BC U3-0	3+51.0391	+53,755.0011	+254,626.7009	+ 400.0000	0.0	+ 400.0000	69.2983	60 22 39.99
EC U3-0	4+20.3374	+53,783.8774	+254,689.6008					70 18 14.47

LANGATA ROAD TEMPORARY ALIGNMENT

S-11480-1 (FORM 5)

PAGE

42

I.P. NO. C

IP +53,799.5424 +254,733.3612
 AP1 +53,793.6779 +254,716.9788
 AP2 +53,800.1432 +254,748.4876
 S1 +53,794.0286 +254,716.8368
 S +53,800.9106 +254,732.7331
 S2 +53,808.4774 +254,748.3164
 C +53,802.2736 +254,732.1074
 O +54,164.4331 +254,565.8457

R - 400.0000
 TL 34.7351
 D 69.2116
 M 1.4998
 SL 1.5054
 TL1,2 17.3354
 SL1,2 0.3755
 CL 69.2983

IA 9 55 34.48
 T1 70 18 14.47
 T2 60 22 39.99

NAME	S	T	A	X	Y	R1	A	R2	L	T
BC U4-0	4	32.0	611	+53,787.9354	+254,700.6574	- 400.0000	0.0	- 400.0000	69.2983	70 18 14.47
EC U4-0	5	01.3	793	+53,816.7118	+254,763.5574					60 22 39.99

CENTER TO TEMPORARY ALIGNMENT

S T A.	X0	Y0	TO	S T A.	X	Y	T	0
0+00.0000	+53,575.5705	+254,325.7983	60 22 39.99	0+00.0000	+53,570.7893	+254,328.5173	60 22 39.99	-5.5000
0+20.0000	+53,585.4560	+254,343.1849	60 22 39.99	0+20.0076	+53,581.0738	+254,345.6766	57 31 26.27	-5.0411
0+40.0000	+53,595.3416	+254,360.5709	60 22 39.99	0+40.0694	+53,592.2993	+254,362.3608	54 25 02.39	-3.4997
0+60.0000	+53,605.2272	+254,377.9570	60 22 39.99	0+60.2455	+53,604.4808	+254,378.3814	51 17 34.75	-0.8586
0+80.0000	+53,615.1128	+254,395.3431	60 22 39.99	0+80.5347	+53,617.3305	+254,394.0821	51 35 12.86	2.5511
1+00.0000	+53,624.9984	+254,412.7291	60 22 39.99	1+00.7024	+53,629.4576	+254,410.1936	54 28 32.56	5.1296
1+20.0000	+53,634.8840	+254,430.1152	60 22 39.99	1+20.7654	+53,640.7008	+254,426.8077	57 20 58.29	6.6914
1+40.0000	+53,644.7695	+254,447.5012	60 22 39.99	1+40.7752	+53,651.0706	+254,443.9185	60 12 56.60	7.2484
1+60.0000	+53,654.6551	+254,464.8873	60 22 39.99	1+60.7752	+53,660.9376	+254,461.3038	60 22 39.99	7.2500
1+80.0000	+53,664.5407	+254,482.2734	60 22 39.99	1+80.7752	+53,670.8431	+254,478.6899	60 22 39.99	7.2500
2+00.0000	+53,674.4263	+254,499.6594	60 22 39.99	2+00.7752	+53,680.7297	+254,496.0759	60 22 39.99	7.2500
2+20.0000	+53,684.3119	+254,517.0455	60 22 39.99	2+20.7752	+53,690.6143	+254,513.4620	60 22 39.99	7.2500
2+40.0000	+53,694.1974	+254,534.4316	60 22 39.99	2+40.7752	+53,700.4999	+254,530.8480	60 22 39.99	7.2500
2+60.0000	+53,704.0830	+254,551.8176	60 22 39.99	2+60.7752	+53,710.3855	+254,548.2341	60 22 39.99	7.2500
2+80.0000	+53,713.9686	+254,569.2037	60 22 39.99	2+80.7752	+53,720.2711	+254,565.6202	60 22 39.99	7.2500
3+00.0000	+53,723.8542	+254,586.5898	60 22 39.99	3+00.7752	+53,730.1566	+254,583.0062	60 22 39.99	7.2500
3+20.0000	+53,733.7398	+254,603.9758	60 22 39.99	3+20.7752	+53,740.0422	+254,600.3923	60 22 39.99	7.2500
3+40.0000	+53,743.6254	+254,621.3619	60 22 39.99	3+40.7752	+53,749.9278	+254,617.7784	60 22 39.99	7.2500
3+60.0000	+53,753.5109	+254,638.7480	60 22 39.99	3+60.7762	+53,759.7104	+254,635.2230	61 46 21.00	7.1315
3+80.0000	+53,763.3965	+254,656.1340	60 22 39.99	3+80.8027	+53,768.7368	+254,653.0976	64 38 27.91	6.1432
4+00.0000	+53,773.2821	+254,673.5201	60 22 39.99	4+00.9043	+53,776.8861	+254,671.4709	67 31 13.54	4.1459
4+20.0000	+53,783.1677	+254,690.9062	60 22 39.99	4+21.1332	+53,784.1457	+254,690.3501	70 18 14.47	1.1250
4+40.0000	+53,793.0533	+254,708.2922	60 22 39.99	4+41.4190	+53,791.0849	+254,709.4114	68 57 59.27	-2.2644
4+60.0000	+53,802.9389	+254,725.6783	60 22 39.99	4+61.5776	+53,798.7910	+254,728.0367	66 04 44.22	-4.7714
4+80.0000	+53,812.8244	+254,743.0644	60 22 39.99	4+81.6352	+53,807.3801	+254,746.1599	63 12 21.26	-6.2628

S T A.	X0	Y0	TO	S T A.	X	Y	T	D
5+00.0000	+53,822.7100	+254,760.4506	60 22 39.99	5+01.6433	+53,816.8422	+254,763.7868	60 22 39.99	-6.7500

5 NGONG ROAD JUNCTION

1 - 39

NAME	S T A.	X	Y	R1	A	R2	L	ERROR ANG.	TYPE
BP 00-0	0+00.00000	+55,424.25658	+247,081.16110	0.00000	0.00000	0.00000	38.94058	0 00 00.00	0
BC 01-0	0+38.94058	+55,393.44282	+247,057.35183	+ 180.00000	0.00000	+ 180.00000	183.44876	0 00 00.00	100
EBC 02-0	2+22.36934	+55,324.51403	+246,895.83302	+ 50.00000	0.00000	+ 50.00000	55.72985	0 00 00.00	100
EC 02-0	2+78.11919	+55,357.08849	+246,854.15520	0.00000	0.00000	0.00000	11.77411	0 00 00.00	0
EP 00-0	2+69.89330	+55,368.14888	+246,850.12816						

BP 00-0 / BC 01-0 L= 38.9406
 R1= 0.0000
 A = 0.0000
 R2= 0.0000

S T A.	X	Y	T	D	A
0+00.0000	+55,424.2566	+247,031.1611	217 41 33.59	20.0000	217 41 33.59
0+20.0000	+55,408.4305	+247,068.9326	217 41 33.59	18.9406	217 41 33.59
0+38.9406	+55,393.4428	+247,057.3518	217 41 33.59		

BC 01-0 / EBC 02-0 L= 183.4488

R1= + 180.0000
 A = 0.0000
 R2= + 180.0000

S T A.	X	Y	T	D	A
0+38.9406	+55,393.4428	+247,057.3518	217 41 33.59	1.0594	217 51 40.60
0+40.0000	+55,392.6064	+247,056.7016	218 01 47.60	19.9897	221 12 46.75
0+60.0000	+55,377.5688	+247,043.5312	224 23 45.91	19.9897	227 34 45.06
0+80.0000	+55,364.0844	+247,028.7746	230 45 44.22	19.9897	233 56 43.37
1+00.0000	+55,352.3193	+247,012.6138	237 07 42.53	19.9897	240 18 41.69
1+20.0000	+55,342.4187	+246,995.2481	243 29 40.84	19.9897	246 40 40.00
1+40.0000	+55,334.5048	+246,976.8917	249 51 39.15	19.9897	253 02 38.31
1+60.0000	+55,328.6750	+246,957.7709	256 13 37.47	19.9897	259 24 36.62
1+80.0000	+55,325.0014	+246,938.1217	262 35 35.78	19.9897	265 46 34.93
2+00.0000	+55,323.5291	+246,918.1862	268 57 34.09	19.9897	272 08 33.25
2+20.0000	+55,324.2765	+246,898.2105	275 19 32.40	2.3893	275 42 21.39
2+22.3893	+55,324.5140	+246,895.8330	276 05 10.38		

EC 02-0 / EC 02-0 L= 55.7293

R1= + 50.0000
A = 0.0000
R2= + 50.0000

S T A.	X	Y	T	D	A
2+22.3893	+55,324.5140	+246,895.8330	276 05 10.38	17.5198	286 10 34.98
2+40.0000	+55,329.3950	+246,879.0069	296 15 59.57	19.8669	307 43 32.53
2+60.0000	+55,341.5512	+246,863.2931	319 11 05.49	18.0202	329 33 59.00
2+78.1192	+55,357.0885	+246,854.1652	339 56 52.50		

EC 02-0 / EP 00-0 L= 11.7741

R1= 0.0000
A = 0.0000
R2= 0.0000

S T A.	X	Y	T	D	A
2+78.1192	+55,357.0885	+246,854.1652	339 56 52.50	1.8808	339 56 52.50
2+80.0000	+55,356.8533	+246,853.5203	339 56 52.50	9.8933	339 56 52.50
2+89.8933	+55,368.1489	+246,850.1282	339 56 52.50		

I.P NO. ()

IP	+55,313.2495	+246,995.8514
AP1	+55,356.3457	+247,028.6875
AP2	+55,319.5435	+246,962.4499
S1	+55,361.0964	+247,025.0146
S	+55,337.9446	+246,985.5687
S2	+55,325.4823	+246,941.5610
C	+55,358.9734	+246,976.5924
O	+55,503.4995	+246,914.9175

R	+ 180.0000
TL	100.5953
D	175.6118
M	22.8691
SL	26.1975
TL1,2	46.8811
SL1,2	6.0049
CL	183.4438

IA	58 23 36.79
T1	217 41 33.59
T2	276 05 10.38

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 01-0	0+38.9406	+55,393.4423	+247,057.3518	+ 180.0000	0.0	+ 180.0000	183.4488	217 41 33.59
EBC 02-0	2+22.3893	+55,324.5140	+246,895.8330					276 05 10.38

I.P No. ()

IP	.....	+55,327.8177	+246,864.8490
AP1	.....	+55,326.0307	+246,381.6090
AP2	.....	+55,343.6510	+246,359.0699
S1	.....	+55,327.8899	+246,882.3622
S	.....	+55,334.8408	+246,870.3395
S2	.....	+55,344.8306	+246,860.6924
C	.....	+55,340.8013	+246,874.9991
O	.....	+55,374.2322	+246,901.1343
R	.....	+ 50.0000	
TL	.....	31.1596	
D	.....	52.8895	
M	.....	7.5656	
SL	.....	8.9145	
TL1,2	.....	14.3046	
SL1,2	.....	2.0060	
CL	.....	55.7298	

IA	.....	63 51 42.12
T1	.....	276 05 10.38
T2	.....	339 56 52.50

NAME	S	T	A.	X	Y	R1	A	R2	L	T
ESC 02-0	2+22.3893			+55,324.5140	+246,895.8330	+ 50.0000	0.0	+ 50.0000	55.7298	276 05 10.38
EC 02-0	2+78.1192			+55,357.0885	+246,854.1852					339 56 52.50

S T A.	X0	Y0	TO	S T A.	X	Y	T	D
0+00.0000	+55,424.2566	+247,081.1611	217 41 33.59	154+40.0000	+55,424.2566	+247,081.1611	307 41 33.59	0.0000

S T A.	XO	YU	TO	S T A.	X	Y	T	D
2+89.8933	+55,368.1489	+246,850.1282	339 56 52.50	6+00.5082	+55,368.1489	+246,850.1282	249 27 43.39	0.0000

NAME M. X Y R1 R2 L ERROR ANG. TYPE

BC - 0.0000 +55,398.60614 +247,099.73378 - 30.00000 0.00000 - 30.00000 47.50505 0 00 00.00 100

EC - + 47.50505 +55,393.44262 +247,057.33183

I.P NO. ()

IP	+55,417.4854	+247,075.9291
AP1	+55,406.3958	+247,089.9105
AP2	+55,403.3643	+247,065.0180
S1	+55,403.9753	+247,089.2284
S	+55,404.3800	+247,077.4642
S2	+55,401.1783	+247,066.2611
C	+55,396.0235	+247,078.5428
O	+55,375.1000	+247,081.0909

R	- 30.0000	
TL	30.3836	
D	42.6951	
M	8.9220	
SL	12.6985	
TL1,2	12.5382	
SL1,2	2.5147	
CL	47.5051	

IA	90 43 40.69
T1	308 25 14.29
T2	217 41 33.59

NAME	S T A.	X	Y	R1	A	R2	L	T
BC	-	0.0000	+55,398.6041	+247,099.7338	- 30.0000	- 30.0000	47.5051	308 25 14.29
EC	-	+ 47.5051	+55,393.4429	+247,057.3518				217 41 33.59

M.	X0	Y0	TO	S T A.	X	Y	T	D
0.0000	+55,398.6041	+247,095.7338	308 25 14.29	154+09.5069	+55,405.4595	+247,105.1713	308 25 14.29	-8.7500
+ 47.5051	+55,393.4428	+247,057.3518	217 41 33.59	154+40.0000	+55,424.2566	+247,081.1611	307 41 33.59	-38.9406

M.	X0	Y0	TO	S T A.	X	Y	T	D
0.0000	+55,392.6041	+247,099.7338	308 25 14.29	0+08.9430	+55,417.1800	+247,075.6931	217 41 33.59	-30.3812
+ 47.5051	+55,393.4428	+247,057.3518	217 41 33.59	0+38.9406	+55,393.4428	+247,057.3518	217 41 33.59	-0.0000

NAME	M.	X	Y	R1	A	R2	L	ERROR	ANG.	TYPE
BC	0.00000	+55,435.75578	+247,051.65246	+30.00000	0.00000	+30.00000	47.50505	0.00	00.00	100
EC	+47.50505	+55,393.44282	+247,057.35183							

I.P NO. ()

IP +55,417.4854 +247,075.9291
 AP1 +55,428.2163 +247,061.6706
 AP2 +55,403.3643 +247,065.0180
 S1 +55,426.9455 +247,059.5005
 S +55,415.7903 +247,063.3443
 S2 +55,404.0156 +247,062.5891
 C +55,414.3993 +247,054.5021
 O +55,411.7856 +247,033.6128

R + 30.0000
 TL 30.5836
 D 42.6951
 M 8.9220
 SL 12.6935
 TL1,2 12.5382
 SL1,2 2.5147
 CL 47.5051

IA 90 43 40.69
 T1 126 57 52.90
 T2 217 41 33.59

NAME	S	T	A.	X	Y	R1	A	R2	L	T
BC	-	0.0000		+55,435.7558	+247,051.6525	+ 30.0000	0.0	+ 30.0000	47.5051	126 57 52.90
EC	-	+ 47.5051		+55,393.4428	+247,057.3518					217 41 33.59

M.	X0	Y0	TO	S T A.	X	Y	T	D
0.0000	+55,435.7558	+247,051.6525	126 57 52.90	154+70.4931	+55,442.7471	+247,056.9140	306 57 52.90	-8.7500
+ 47.5051	+55,393.4428	+247,057.3518	217 41 33.59	154+40.0000	+55,424.2566	+247,081.1611	307 41 33.59	-38.9406

M.	X0	YO	YO	TO	S T A.	X	Y	T	D	
0.0000	+55,435.7558	+247,051.6525	126.57	52.90	0+08.9430	+55,417.1800	+247,075.6931	217.41	33.59	30.3812
+ 47.5051	+55,393.4428	+247,057.3518	217.41	33.59	C+38.9406	+55,393.4428	+247,057.3518	217.41	33.59	-0.0000

B-LINE

NGONG ROAD FOREST JUNCTION

L= 2.7387

R1= 0.0000
A = 0.0000
R2= 0.0000

S	T	A.	X	Y	T	D	A
2+69.5872		+55,615.4225		+247,269.5282	357 38 06.53	2.7887	357 38 06.53
2+72.3759		+55,618.2088		+247,269.4131	357 38 06.53		

NAME	S T A.	X	Y	R1	A	R2	L	ERROR ANG.	TYPE
BP 00-0	0+00-00000	+55,399.53692	+247,112.60791	0.00000	0.00000	-0.00000	233.79710	0 00 00.00	0
BC 01-0	2+33.79710	+55,582.13291	+247,258.62088	-50.00000	0.00000	-50.00000	35.79011	0 00 00.00	100
EC 01-0	2+69.58722	+55,615.42248	+247,269.52820	0.00000	0.00000	0.00000	2.78870	0 00 00.00	0
EP 00-0	2+72.37591	+55,618.20880	+247,269.41313						

BP 00-0 / BC 01-0 L= 233.7971

R1= 0.0000
 A = 0.0000
 R2= 0.0000

S T A.	X	Y	T	D	A
0+00.0000	+55,399.5369	+247,112.6079	38 38 51.34	20.0000	38 38 51.34
0+20.0000	+55,415.1570	+247,125.0985	38 38 51.34	20.0000	38 38 51.34
0+40.0000	+55,430.7770	+247,137.5890	38 38 51.34	20.0000	38 38 51.34
0+60.0000	+55,446.3970	+247,150.0796	38 38 51.34	20.0000	38 38 51.34
0+80.0000	+55,462.0171	+247,162.5702	38 38 51.34	20.0000	38 38 51.34
1+00.0000	+55,477.6371	+247,175.0608	38 38 51.34	20.0000	38 38 51.34
1+20.0000	+55,493.2572	+247,187.5513	38 38 51.34	20.0000	38 38 51.34
1+40.0000	+55,508.8772	+247,200.0419	38 38 51.34	20.0000	38 38 51.34
1+60.0000	+55,524.4972	+247,212.5325	38 38 51.34	20.0000	38 38 51.34
1+80.0000	+55,540.1173	+247,225.0231	38 38 51.34	20.0000	38 38 51.34
2+00.0000	+55,555.7373	+247,237.5136	38 38 51.34	20.0000	38 38 51.34
2+20.0000	+55,571.3573	+247,250.0042	38 38 51.34	13.7971	38 38 51.34
2+33.7971	+55,582.1329	+247,258.6209	38 38 51.34		

BC 01-0 / EC 01-0 L= 35.7901

R1= 50.0000
 A = 0.0000
 R2= 50.0000

S T A.	X	Y	T	D	A
2+33.7971	+55,582.1329	+247,258.6209	38 38 51.34	6.1989	55 05 36.95
2+40.0000	+55,587.2050	+247,262.1847	51 32 22.56	19.8669	20 04 49.60
2+60.0000	+55,605.8642	+247,269.0058	8 37 16.64	9.5725	3 07 41.58
2+69.5872	+55,615.4225	+247,269.5282	357 38 06.53		

I-P NO. ()

IP +55,596.7380 +247,270.2998
 AP1 +55,589.1965 +247,264.2693
 AP2 +55,606.3859 +247,269.9014
 S1 +55,589.5824 +247,263.5555
 S +55,597.7912 +247,267.0853
 S2 +55,606.4973 +247,269.0977
 C +55,598.7777 +247,264.0745
 O +55,613.3593 +247,219.5705

R - 50.0000
 TL 18.7004
 D 35.0309
 M 3.1683
 SL 3.3826
 TL1,2 9.0443
 SL1,2 0.8114
 CL 35.7901

IA 41 00 44.81
 T1 38 38 51.34
 T2 357 38 06.53

NAME	S T A.	X	Y	R1	A	R2	L	T
BC 01-0	2+33.7971	+55,582.1329	+247,258.6209	- 50.0000	0.0	- 50.0000	35.7901	38 38 51.34
EC 01-0	2+69.5872	+55,615.4225	+247,269.5282					357 38 06.53

S T A.	XO	YU	TO	S T A.	X	Y	T	D
0+00.0000	+55,399.5369	+247,112.6079	38 38 51.34	154+00.0000	+55,399.5369	+247,112.6079	308 38 51.34	-0.0000

S T A.	XO	YO	TO	S T A.	X	Y	T	D
2+72.3759	+55,618.2088	+247,269.4131	357 38 06.53	0+97.0307	+55,618.2088	+247,269.4131	267 38 06.53	-0.0000

NAME	M.	X	Y	R1	A	R2	L	ERROR	ANG.	TYPE
BC	0.00000	+55,387.72296	+247,141.10054	+30.00000	0.00000	+30.00000	46.75484	0.00	00.00	100
EC	+46.75484	+55,429.65663	+247,136.69315							

I.P. NO. ()

IP +55,406.5130 +247,118.1864
 AP1 +55,395.5340 +247,131.5752
 AP2 +55,420.0359 +247,128.9999
 S1 +55,396.6872 +247,133.7148
 S2 +55,407.7869 +247,130.2875
 C +55,419.3527 +247,131.3325
 O +55,408.6898 +247,138.8968
 +55,410.9208 +247,160.1232

R + 30.0000
 TL 29.6332
 D 42.1646
 M 8.6567
 SL 12.1678
 TL1,2 12.3185
 SL1,2 2.4306
 CL 46.7548

IA 89 17 42.59
 T1 309 21 08.75
 T2 38 38 51.34

NAME	S	T	A.	X	Y	R1	A	R2	L	T
BC	-	0.0000	+55,387.7230	+247,141.1905	+ 30.0000	0.0	+ 30.0000	46.7548	309 21 08.75	
EC	-	+ 46.7546	+55,429.6566	+247,136.6931					38 38 51.34	

M.	X0	Y0	TO	S T A.	X	Y	T	D
0.0000	+55,387.7230	+247,141.1005	309 21 08.75	153+70.4759	+55,380.9569	+247,135.5523	309 21 08.75	8.7500
+ 46.7548	+55,429.6566	+247,136.6731	38 38 51.34	154+00.0000	+55,399.5369	+247,112.6079	308 38 51.34	38.5655

M.	X0	Y0	TO	S T A.	X	Y	T	D
0.0000	+55,387.7230	+247,141.1005	309 21 08.75	0+08.5677	+55,406.2283	+247,117.9587	38 38 51.34	29.6310
+ 46.7548	+55,429.6566	+247,136.6931	38 38 51.34	0+38.5655	+55,429.6566	+247,136.6931	38 38 51.34	-0.0000

***** S-11261-I (FORM 1)

R=30 (B-2)

***** NGONG ROAD FOREST JUNCTION

NAME	M.	X	Y	R1	A	R2	L	ERROR ANG.	TYPE
BC	0.00000	+55,424.73372	+247,094.81687	- 30.00000	0.00000	- 30.00000	46.75424	0 00 00.00	100
EC	+	46.75424	+55,429.65663	+247,136.69315					

I-P NO. ()

IP	+55,406.5130	+247,118.1864
AP1	+55,417.1594	+247,104.5315
AP2	+55,420.0359	+247,128.9999
S1	+55,419.5003	+247,105.1859
S	+55,418.5977	+247,116.7657
S2	+55,422.1612	+247,127.8205
C	+55,427.1952	+247,115.7550
O	+55,448.3925	+247,113.2631

R	- 30.0000
TL	29.6332
D	42.1646
M	8.6567
SL	12.1678
TL1,2	12.3185
SL1,2	2.4306
CL	46.7548

IA	39 17 42.59
T1	127 56 33.94
T2	38 39 51.34

NAME	S T A.	X	Y	R1	A	R2	L	T
BC	- 0.0000	+55,424.7337	+247,094.8169	- 30.0000	0.0	- 30.0000	46.7548	127 56 33.94
EC	- + 46.7548	+55,429.6566	+247,136.6931					38 39 51.34

M.	X0	Y0	TO	S T A.	X	Y	T	D
0.0000	+55,424.7337	+247,094.8169	127 56 33.94	154+29.5241	+55,417.8332	+247,089.4367	307 56 33.94	8.7500
+ 46.7548	+55,429.6566	+247,136.6931	33 38 51.34	154+00.0000	+55,399.5369	+247,112.6079	303 38 51.34	38.5655

M.	X0	Y0	TO	S T A.	X	Y	T	D
0.0000	+55,424.7337	+247,094.8169	127 56 33.94	0+08.5677	+55,406.2283	+247,117.9587	38 38 51.34	-29.6310
+ 46.7548	+55,429.6566	+247,136.6931	38 38 51.34	0+38.5655	+55,429.6566	+247,136.6931	38 38 51.34	-0.0000

NAME	S	T	A.	X	Y	R1	A	R2	L	ERROR	ANG.	TYPE
BC 01-0	-	0+10.07606	+55,606.76310	+247,374.96507	- 200.00000	0.00000	- 200.00000	80.00903	0 00 00.00	190		
EC 01-0		0+69.93297	+55,619.32693	+247,296.48782	0.00000	0.00000	0.00000	71.59598	0 00 00.00	0		
BC 02-0		1+41.52895	+55,616.37268	+247,224.95282	- 150.00000	0.00000	- 150.00000	109.82008	0 00 00.00	100		
EC 02-0		2+51.34903	+55,573.83051	+247,126.35552	0.00000	0.00000	0.00000	174.23114	0 00 00.00	0		
BC 03-0		4+25.58017	+55,452.11646	+247,001.68725	+ 300.00000	0.00000	+ 300.00000	124.48605	0 00 00.00	100		
EC 03-0		5+50.06622	+55,385.84460	+246,897.36213	0.00000	0.00000	0.00000	92.54422	0 00 00.00	0		
BC 04-0		6+42.61044	+55,353.37753	+246,810.70002	- 300.00000	0.00000	- 300.00000	103.98585	0 00 00.00	100		
EC 04-0		7+46.59630	+55,300.91453	+246,721.52119	0.00000	0.00000	0.00000	53.40370	0 00 00.00	0		
EP 00-0		8+00.00000	+55,266.30410	+246,680.85088								