

APPENDIX - MST COMPUTER OUTPUT

CONTROL CARDS FOR RUNNING THE
MSTØ2 PROGRAM


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//NTR2568A JOB (3200221,*T=02,M=256,F=0*),
// 99999,CLASS=E,PRTY=12,TIME=02,MSGCLASS=X
LOG IEF403I NTR2568A STARTED TIME=18.02.15
LOG IEF233A M 280,FT0101,,NTR2568A,,SOFOT.D568
LOG IEC110D F 280,FT0101,NTR2568A,,SOFOT.D568
LOG R 60,U
LOG IEC209I NTR2568A FT0101 280 TR=000,TW=000,EG=000,CL=000,N=000,SIO=00038
LOG IEC202E K 280,FT0101,SL,NTR2568A,,SOFOT.D568
LOG IEF404I NTR2568A ENDED TIME=18.09.14
// EXEC PGM=MST02,TIME=02
//STEPLIB DD UNIT=3340,VOL=SER=PICR01,DSN=D.N.PTR06,DISP=SHR
//FT05F001 DD DDNAME=SYSIN
//FT06F001 DD UNIT=DISCO,DSN=8&TEMP4,DISP=(,DELETE),
// SPACE=(TRK,(5,1),RLSE),DCB=(RECFM=VSB,LRECL=28,BLKSIZE=2664)
//FT07F001 DD UNIT=DISCO,DSN=8&TEMP7,DISP=(,DELETE),
// SPACE=(TRK,(5,1),RLSE),DCB=(RECFM=VSB,LRECL=28,BLKSIZE=2664)
//FT01F001 DD UNIT=TAPE,VOL=SER=FT0101,DSN=SOFOT.D568,LABEL=4,
// DISP=(OLD,KEEP)
***T04F001 DD UNIT=3340,VOL=SER=PICR01,DSN=D.N.PTR01(DATA4),DISP=SHR
//FT02F001 DD SYSOUT=X,DCB=RECFM=UA,OUTLIM=1000
//FT08F001 DD UNIT=DISCO,DSN=8&TEMP8,DISP=(,DELETE),
// SPACE=(TRK,(5,1),RLSE),DCB=(RECFM=VSB,LRECL=20,BLKSIZE=2664)
//FT09F001 DD UNIT=DISCO,DSN=8&TEMP9,DISP=(,DELETE),
// SPACE=(TRK,(5,1),RLSE),DCB=(RECFM=VSB,LRECL=20,BLKSIZE=2664)
//FT10F001 DD UNIT=DISCO,DSN=8&TEMP0,DISP=(,DELETE),
// SPACE=(TRK,(5,1),RLSE),DCB=(RECFM=VSB,LRECL=20,BLKSIZE=2664)
//FT11F001 DD UNIT=DISCO,DSN=8&TEMP1,DISP=(,DELETE),
// SPACE=(TRK,(5,1),RLSE),DCB=(RECFM=VSB,LRECL=20,BLKSIZE=2664)
//FT12F001 DD UNIT=DISCO,DSN=8&TEMP2,DISP=(,DELETE),
// SPACE=(TRK,(5,1),RLSE),DCB=(RECFM=VSB,LRECL=16,BLKSIZE=2676)
//FT13F001 DD UNIT=DISCO,DSN=8&TEMP3,DISP=(,DELETE),
// SPACE=(TRK,(5,1),RLSE),DCB=(RECFM=VSB,LRECL=16,BLKSIZE=2676)
//FT15F001 DD UNIT=DISCO,DSN=8&TEMP6,DISP=(,DELETE),
// SPACE=(TRK,(5,1),RLSE),DCB=(RECFM=VSB,LRECL=28,BLKSIZE=2664)
//FT03F001 DD *
//
IEF236I ALLOC. FOR NTR2568A
IEF237I IC6 ALLOCATED TO STEPLIB
IEF237I IC4 ALLOCATED TO FT06F001
IEF237I IC3 ALLOCATED TO FT07F001
IEF237I 280 ALLOCATED TO FT01F001
IEF237I IC4 ALLOCATED TO FT08F001
IEF237I IC1 ALLOCATED TO FT09F001
IEF237I IC4 ALLOCATED TO FT10F001
IEF237I IC3 ALLOCATED TO FT11F001
IEF237I IC4 ALLOCATED TO FT12F001
IEF237I IC0 ALLOCATED TO FT13F001
IEF237I IC4 ALLOCATED TO FT15F001
IEF142I - STEP WAS EXECUTED - COND CODE 0000
IEF285I D.N.PTR06 KEPT
IEF285I VOL SER NOS= PICR01.
IEF285I SYS82202.T180213.RF103.NTR2568A.TEMP4 DELETED
IEF285I VOL SER NOS= SYSR05.
IEF285I SYS82202.T180213.RF103.NTR2568A.TEMP7 DELETED
IEF285I VOL SER NOS= SYSR04.
IEF285I SOFOT.D568 KEPT
IEF285I VOL SER NOS= FT0101.
IEF285I SYS82202.T180213.RF103.NTR2568A.TEMP8 DELETED
IEF285I VOL SER NOS= SYSR05.
IEF285I SYS82202.T180213.RF103.NTR2568A.TEMP9 DELETED
IEF285I VOL SER NOS= SYSR02.
IEF285I SYS82202.T180213.RF103.NTR2568A.TEMPO DELETED

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IEF285I VOL SER NOS= SYSR05.  
IEF285I SYS82202.T180213.RF103.NTR2568A.TEMP1 DELETED  
IEF285I VOL SER NOS= SYSR04.  
IEF285I SYS82202.T180213.RF103.NTR2568A.TEMP2 DELETED  
IEF285I VOL SER NOS= SYSR05.  
IEF285I SYS82202.T180213.RF103.NTR2568A.TEMP3 DELETED  
IEF285I VOL SER NOS= SYSR01.  
IEF285I SYS82202.T180213.RF103.NTR2568A.TEMP6 DELETED  
IEF285I VOL SER NOS= SYSR05.  
IEF373I STEP / / START 82202.1802  
IEF374I STEP / / STOP 82202.1809 CPU 1MIN 51.02SEC STOR VIRT 222K  
IEF298I NTR2568A SYSOUT=X.  
IEF375I JOB /NTR2568A/ START 82202.1802  
IEF376I JOB /NTR2568A/ STOP 82202.1809 CPU 1MIN 51.02SEC
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MST INPUT PARAMETERS

EMPRESA BRASILEIRA DE PLANEJAMENTO DE TRANSPORTES - GEIPOT
SIMULATION OF FLOW OF TRAFFIC

*** SOFOT RUN PARAMETERS ***

SECTION DESCRIPTION

LS = 1.80
STN1 = 0.50
STNO = 0.50
SH = 1.00

SAMPLE DESCRIPTION

NIS = 100
VOL1 = 200
VOLO = 245
ARRAY1 = 36 18 1 36 3 6
ARRAY2 = 36 18 1 36 3 6
ARRAY4 = 0.0 0.5 2.5 4.5 6.0 12.0

HEADWAY PARAMETERS

IT = 1.0
MH = 0.5
AHR = 2.0
UNH = 4.5

OVERTAKING PARAMETERS

MN = 6
MOT = 30
SPC = 14. 14. 14. 14. 14. 14.
SPT = 18. 18. 18. 18. 18. 18.

PLOT AND DEBUG OPTIONS

IPL0T_i = 0
DBUG = 1
PACTS = 180.
PACTE = 185.

CLIMBING LANE AND STOP SIGN LOCATIONS

SCL1 = 0.0
ECL1 = 0.0
SCLO = 0.0
ECLO = 0.0
SSD1 = 0.0
SSDO = 0.0
VOL3 = 0
VOL4 = 0

NO. IN SAMPLE LANE 1 44 VEHICLES
NO. IN SAMPLE LANE 0 56 VEHICLES

VEHICLE ORDERING, CLASSIFICATION,
PERFORMANCE, HEADWAY, SPEED AND
ACCUMULATED TIME AT THE BEGINNING
OF PRIMARY AND OPPOSITE LANES OF
THE HIGHWAY SECTION

