APPENDIX D

FORMAT AND LISTING OF USER INPUT FILES

LISTING (Figure D-X):

1. HELABELS.SYN
2. HERATES.SYN
3. HESCREEN.SYN
4. RMSE.SYN
5. BASEFARES.FAR
6. TROUTEAM (sample listing)
7. TROUTEMD (sample listing)
8. VFACTORS

FORMAT (Table D-X):

1. EETRIPS
2. GRATESB.SYN
3. SCHOOL
4. SDLAYUPD
5. SPDCAP
6. STATDATA
7. STP60.SYN
8. TCARDS
9. TOLLLINK
10. ZDATA1B
11. ZDATA2
12. ZDATA3B
13. ZDATA4B

Figure D-1
Listing of HELABELS.SYN File
2000 Treasure Coast Regional Planning Model

```
LABEL FT 10  1  1  Freeway Freeway(NA)
LABEL FT 11  1  1  Freeway Freeway(11-17)
LABEL FT 12  1  1  Freeway Freeway(11-17)
LABEL FT 15  1  1  Freeway Freeway(11-17)
LABEL FT 16  1  1  Freeway Freeway(11-17)
LABEL FT 17  1  1  Freeway Freeway(11-17)
LABEL FT 20  2  2  Div Art Div Art(NA)
LABEL FT 21  2  2  Div Art Div Art(21-25)
LABEL FT 22  2  2  Div Art Div Art(21-25)
LABEL FT 23  2  2  Div Art Div Art(21-25)
LABEL FT 24  2  2  Div Art Div Art(21-25)
LABEL FT 25  2  2  Div Art Div Art(21-25)
LABEL FT 30  3  3  Und Art Und Art(NA)
LABEL FT 31  3  3  Und Art Und Art(31-38)
LABEL FT 32  3  3  Und Art Und Art(31-38)
LABEL FT 33  3  3  Und Art Und Art(31-38)
LABEL FT 34  3  3  Und Art Und Art(31-38)
LABEL FT 35  3  3  Und Art Und Art(31-38)
LABEL FT 36  3  3  Und Art Und Art(31-38)
LABEL FT 37  3  3  Und Art Und Art(31-38)
LABEL FT 38  3  3  Und Art Und Art(31-38)
LABEL FT 40  4  4  Collect Collect(NA)
LABEL FT 41  4  4  Collect Collect(41-48)
LABEL FT 42  4  4  Collect Collect(41-48)
LABEL FT 43  4  4  Collect Collect(41-48)
LABEL FT 44  4  4  Collect Collect(41-48)
LABEL FT 45  4  4  Collect Collect(41-48)
LABEL FT 46  4  4  Collect Collect(41-48)
LABEL FT 47  4  4  Collect Collect(41-48)
LABEL FT 48  4  4  Collect Collect(41-48)
LABEL FT 50  5  5    Local Local(NA)
LABEL FT 51  5  5    Local Local(51-52)
LABEL FT 52  5  5    Local Local(51-52)
LABEL FT 60  6  6   Oneway Oneway(NA)
LABEL FT 61  6  6   Oneway 1wy&Frntg(61-67)
LABEL FT 62  6  6   Oneway 1wy&Frntg(61-67)
LABEL FT 63  6  6   Oneway 1wy&Frntg(61-67)
LABEL FT 64  6  6   Oneway 1wy&Frntg(61-67)
LABEL FT 65  6  6  Frntage 1wy&Frntg(61-67)
LABEL FT 66  6  6  Frntage 1wy&Frntg(61-67)
LABEL FT 67  6  6  Frntage 1wy&Frntg(61-67)
LABEL FT 70  7  7   Ramps  Ramps(71+,97-98)
LABEL FT 71  7  7   Ramps  Ramps(71+,97-98)
LABEL FT 72  7  7   Ramps  Ramps(71+,97-98)
LABEL FT 73  7  7   Ramps  Ramps(71+,97-98)
LABEL FT 74  7  7   Ramps  Ramps(71+,97-98)
LABEL FT 75  7  7   Ramps  Ramps(71+,97-98)
LABEL FT 76  7  7   Ramps  Ramps(71+,97-98)
LABEL FT 77  7  7   Ramps  Ramps(71+,97-98)
LABEL FT 78  7  7   Ramps  Ramps(71+,97-98)
LABEL FT 79  7  7   Ramps  Ramps(71+,97-98)
LABEL FT 97  7  7   Ramps  Ramps(71+,97-98)
LABEL FT 98  7  7   Ramps  Ramps(71+,97-98)
LABEL FT 81  8  8      HOV HOV(81-85)
LABEL FT 82  8  8      HOV HOV(81-85)
LABEL FT 83  8  8      HOV HOV(81-85)
LABEL FT 84  8  8      HOV HOV(81-85)
LABEL FT 85  8  8      HOV HOV(81-85)
```

Figure D-1 (cont'd)
Listing of HELABELS.SYN File
2000 Treasure Coast Regional Planning Model

```
LABEL FT 90  9  9     Toll Toll(NA)
LABEL FT 91  9  9     Toll Toll(91-95)
LABEL FT 92  9  9     Toll Toll(91-95)
LABEL FT 93  9  9     Toll Toll(91-95)
LABEL FT 94  9  9     Toll Toll(91-95)
LABEL FT 95  9  9     Toll Toll(91-95)
LABEL AT 10  1  1      CBD CBD(NA)
LABEL AT 11  1  1      CBD CBD(11-14)
LABEL AT 12  1  1      CBD CBD(11-14)
LABEL AT 13  1  1      CBD CBD(11-14)
LABEL AT 14  1  1      CBD CBD(11-14)
LABEL AT 20  2  2   Fringe Fringe(NA)
LABEL AT 21  2  2   Fringe Fringe(21)
LABEL AT 30  3  3    Resid Resid(NA)
LABEL AT 31  3  3    Resid Resid(31-35)
LABEL AT 32  3  3    Resid Resid(31-35)
LABEL AT 33  3  3    Resid Resid(31-35)
LABEL AT 34  3  3    Resid Resid(31-35)
LABEL AT 35  3  3    Resid Resid(31-35)
LABEL AT 40  4  4  Out CBD Out CBD(NA)
LABEL AT 41  4  4  Out CBD Out CBD(41-45)
LABEL AT 42  4  4  Out CBD Out CBD(41-45)
LABEL AT 43  4  4  Out CBD Out CBD(41-45)
LABEL AT 45  4  4  Out CBD Out CBD(41-45)
LABEL AT 50  5  5    Rural Rural(NA)
LABEL AT 51  5  5    Rural Rural(51-52)
LABEL AT 52  5  5    Rural Rural(51-52)
```

Figure D-2
Listing of HERATES.SYN File
2000 Treasure Coast Regional Planning Model

```
4.686, 4.686,18.196,18.196,19.028,18.196
1.025, 1.025, 2.650, 2.650, 3.646, 2.650
0.019, 0.019, 0.032, 0.032, 0.030, 0.032
 100., 1000.,50000.
12.56, 19.78, 19.78, 19.78, 19.78, 19.78
12.56, 15.88, 15.88, 15.88, 15.88, 15.88
12.56, 12.79, 12.79, 12.79, 12.79, 12.79
10.43, 10.66, 10.66, 10.66, 10.66, 10.66
 9.34, 10.66, 10.66, 10.66, 10.66, 10.66
 8.44, 10.66, 10.66, 10.66, 10.66, 10.66
 7.94, 10.66, 10.66, 10.66, 10.66, 10.66
 7.62, 10.66, 10.66, 10.66, 10.66, 10.66
 7.35, 10.66, 10.66, 10.66, 10.66, 10.66
 7.35, 10.66, 10.66, 10.66, 10.66, 10.66
 1.59,  2.06,  2.06,  2.06,  2.06,  2.06
 1.59,  1.81,  1.81,  1.81,  1.81,  1.81
 1.59,  1.56,  1.56,  1.56,  1.56,  1.56
 1.36,  1.37,  1.37,  1.37,  1.37,  1.37
 1.27,  1.37,  1.37,  1.37,  1.37,  1.37
 1.18,  1.37,  1.37,  1.37,  1.37,  1.37
 1.09,  1.37,  1.37,  1.37,  1.37,  1.37
 1.02,  1.37,  1.37,  1.37,  1.37,  1.37
 1.00,  1.37,  1.37,  1.37,  1.37,  1.37
 0.95,  1.37,  1.37,  1.37,  1.37,  1.37
 1.29,  1.21,  1.21,  1.21,  1.21,  1.21
 1.29,  1.22,  1.22,  1.22,  1.22,  1.22
 1.29,  1.31,  1.31,  1.31,  1.31,  1.31
```

Figure D-2 (cont'd)
Listing of HERATES.SYN File
2000 Treasure Coast Regional Planning Model

```
1.36,  1.39,  1.39,  1.39,  1.39,  1.39
  1.45,  1.39,  1.39,  1.39,  1.39,  1.39
  1.52,  1.39,  1.39,  1.39,  1.39,  1.39
  1.61,  1.39,  1.39,  1.39,  1.39,  1.39
  1.72,  1.39,  1.39,  1.39,  1.39,  1.39
  1.77,  1.39,  1.39,  1.39,  1.39,  1.39
  1.81,  1.39,  1.39,  1.39,  1.39,  1.39
.06899,.09244,.09244,.09244,.09244,.09244
.06899,.09102,.09102,.09102,.09102,.09102
.06899,.09428,.09428,.09428,.09428,.09428
.06830,.09497,.09497,.09497,.09497,.09497
.06869,.09312,.09312,.09312,.09312,.09312
.07070,.09326,.09326,.09326,.09326,.09326
.07164,.09326,.09326,.09326,.09326,.09326
.07427,.09326,.09326,.09326,.09326,.09326
.08006,.09326,.09326,.09326,.09326,.09326
.08638,.09326,.09326,.09326,.09326,.09326
.09269,.09326,.09326,.09326,.09326,.09326
 1000., 1000., 1000., 1000.,    0., 1000.
 2000., 2000., 2000., 2000.,    0., 2000.
 3000., 3000., 3000., 3000.,    0., 3000.
    0., 1500., 1500., 1500.,    0.,    0.
    0.,    0., 1500., 1500.,    0.,    0.
    0., 3000., 3000., 3000.,    0.,    0.
 2000., 1500., 1200., 1000.,    0., 1000.
 4000., 3000., 2400., 2000.,    0., 2000.
 6000., 4500., 3600., 3000.,    0., 3000.
    0.,    0.,    0.,    0.,    0.,    0.
 .0936, .1408, .1408, .1408, .1408, .1408
 .0936, .1413, .1413, .1413, .1413, .1413
 .0936, .1498, .1498, .1498, .1498, .1498
 .0944, .1548, .1548, .1548, .1548, .1548
 .0967, .1564, .1564, .1564, .1564, .1564
 .0992, .1564, .1564, .1564, .1564, .1564
 .1015, .1564, .1564, .1564, .1564, .1564
 .1077, .1564, .1564, .1564, .1564, .1564
 .1134, .1564, .1564, .1564, .1564, .1564
 .1234, .1564, .1564, .1564, .1564, .1564
 .1234, .1564, .1564, .1564, .1564, .1564
  500.,  500.,  500.,  500.,  500.,  500.
  500.,  500.,  500.,  500.,  500.,  500.
  500.,  500.,  500.,  500.,  500.,  500.
  500.,  500.,  500.,  500.,  500.,  500.
  500.,  500.,  500.,  500.,  500.,  500
  500.,  500.,  500.,  500.,  500.,  500
  500.,  500.,  500.,  500.,  500.,  500
  500.,  500.,  500.,  500.,  500.,  500
  500.,  500.,  500.,  500.,  500.,  500
  500.,  500.,  500.,  500.,  500.,  500.
```

Figure D-3
Listing of HESCREEN.SYN File
2000 Treasure Coast Regional Planning Model

```
11 EW East of US1 in Indian River County
12 NW of US1 in Indian River County
13 East of I95 in Indian River County
14 West of I95 in Indian River County
16 EW Across Region in Indian River County
21 East of US1 in St.Lucie County
22 West of US1 in St.Lucie County
23 East of I95 in St.Lucie County
25 EW flow from the Okeechobee County line to I95
26 NS South of Midway Road
32 EW East of US1 in Martin County
33 EW East of Florida's Turnpike
34 EW West of FLorida's Turnpike
35 EW Western Boundry of Martin County
36 NS Southern boundary of Martin County
41 Indian River- St. Lucie Boundary
42 St. Lucie - Martin County Boundary
95 NS Southern boundary of Indian River
97 Northern Boundary of Indian River
```

Figure D-4
Listing of BASEFARES File
2000 Treasure Coast Regional Planning Model

```
FARESYSTEM NUMBER=1 LONGNAME="MODE04" NAME="M04" STRUCTURE=FLAT SAME=CUMULATIVE,
IBOARDFARE=1.00,FAREFROMFS=0.50,1.00,0.50,0.50,0.00
FARESYSTEM NUMBER=2 LONGNAME="MODE12" NAME="M12" STRUCTURE=FREE
FARESYSTEM NUMBER=3 LONGNAME="MODE06" NAME="M06" STRUCTURE=FLAT SAME=CUMULATIVE,
IBOARDFARE=1.00,FAREFROMFS=0.50,1.00,0.50,0.50,0.00
FARESYSTEM NUMBER=4 LONGNAME="MODE04F" NAME="M04F" STRUCTURE=FLAT SAME=CUMULATIVE,
IBOARDFARE=0.50,FAREFROMFS=0.50,0.50,0.50,0.50,0.00
FARESYSTEM NUMBER=5 LONGNAME="MODE08" NAME="M08" STRUCTURE=FLAT SAME=CUMULATIVE,
IBOARDFARE=2.00,FAREFROMFS=0.00,0.00,0.00,0.00,0.00
;FARESYSTEM  NUMBER=6  LONGNAME="TRIRAIL  ZONE",  NAME="TRIZONE",  STRUCTURE=COUNT,
FAREZONES=NI.FAREZONE,
;FARETABLE=1-1.67,2-2.50,3-3.33, 4-3.75, 5-4.17, 6-4.58, 7-5.00

/*
COMPANY = 1, MODE =  4, LINES = 1-89,101-255
COMPANY = 2, MODE = 12, LINES = 1-255
COMPANY = 3, MODE =  6, LINES = 1-255
COMPANY = 4, MODE =  4, LINES = 92-97
COMPANY = 5, MODE =  8, LINES = 200
BOARDING FARES = (1,100)
                 (2,00)
                 (3,100)
                 (4,50)
                 (5,00)
TRANSFER FARES = (1-1,50 ) (1-2,00 ) (1-3,50 ) (1-4,50 ) (1-5,-00)
                 (2-1,100) (2-2,00 ) (2-3,100) (2-4,50 ) (2-5,-00)
                 (3-1,50 ) (3-2,00 ) (3-3,50 ) (3-4,50 ) (3-5,-00)
                 (4-1,50 ) (4-2,00 ) (4-3,50 ) (4-4,50 ) (4-5,-00)
                 (5-1,00 ) (5-2,00 ) (5-3,00 ) (5-4,00 ) (5-5,00 )

Tri-Rail:
6677   942   5.0     0  9999  9999   3.0   2.0  1  TR: I95 IN PALM BEACH   3
2172    17   5.0   100     0     0   3.0   2.0  1  TR: DEERFIELD BEACH     3
2180   172   5.0   275     0     0   3.0   2.0  1  TR: POMPANO BEACH       3
3106   389   5.0   750     0     0   3.0   2.0  1  TR: CYPRESS CREEK       4
4178   282   5.0   750     0     0   3.0   2.0  1  TR: FT LAUDERDALE       4
4960   649   5.0    50     0     0   3.0   2.0  1  TR: AIRPORT/GRIFFIN RD  5
5088   692   5.0   750     0     0   3.0   2.0  1  TR: SHERIDAN STOP       5
5330   726   5.0   182     0     0   3.0   2.0  1  TR: HOLLYWOOD           5
6678   943   5.0     0  9999  9999   3.0   2.0  1  TR: I95 IN MIAMI-DADE   6

&ZFARE1       Tri Rail Fare in Cents for 1 Zones Traveled
167
&ZFARE2       Tri Rail Fare in Cents for 2 Zones Traveled
250
&ZFARE3       Tri Rail Fare in Cents for 3 Zones Traveled
333
&ZFARE4       Tri Rail Fare in Cents for 4 Zones Traveled
375
&ZFARE5       Tri Rail Fare in Cents for 5 Zones Traveled
417
&ZFARE6       Tri Rail Fare in Cents for 6 Zones Traveled
458
&ZFARE7       Tri Rail Fare in Cents for 7 Zones Traveled
```

Figure D-5
Listing of TNETAMx.FAC File
2000 Treasure Coast Regional Planning Model

```
/* WALK TO LOCAL BUS */
/*For Route Enumeration*/
MAXFERS=4
EXTRAXFERS1 = 1
EXTRAXFERS2 = 1
SPREADFACT = 1.00001
SPREADFUNC=1
SPREADCONST = 0
REWAITMIN = 3.0
REWAITMAX = 10.0
LOOKBACK=0.0

/*For Route Enumeration and Evaluation*/
RUNFACTOR[1]=2.25
RUNFACTOR[101]=2.25
RUNFACTOR[2]=9.99
RUNFACTOR[3]=2.25
RUNFACTOR[4]=1.00
RUNFACTOR[5]=1.00
RUNFACTOR[6]=9.99
RUNFACTOR[7]=9.99
RUNFACTOR[8]=9.99
RUNFACTOR[9]=9.99
RUNFACTOR[10]=9.99
RUNFACTOR[11]=9.99
RUNFACTOR[12]=1.00

WAITFACTOR=2.25     NODES=1000-99999

XFERCONST=1, FROM=4, TO=4
XFERCONST=1, FROM=4, TO=5
XFERCONST=1, FROM=4, TO=6
XFERCONST=1, FROM=4, TO=7
XFERCONST=1, FROM=4, TO=8
XFERCONST=1, FROM=4, TO=12
XFERCONST=1, FROM=5, TO=4
XFERCONST=1, FROM=5, TO=5
XFERCONST=1, FROM=5, TO=6
XFERCONST=1, FROM=5, TO=7
XFERCONST=1, FROM=5, TO=8
XFERCONST=1, FROM=5, TO=12
XFERCONST=1, FROM=8, TO=12
XFERCONST=5, FROM=12, TO=4
XFERCONST=5, FROM=12, TO=5
XFERCONST=5, FROM=12, TO=6
XFERCONST=5, FROM=12, TO=7
XFERCONST=1, FROM=12, TO=8
XFERCONST=5, FROM=12, TO=12

BRDPEN[1]=0
BRDPEN[2]=999
BRDPEN[3]=0
BRDPEN[4]=0
BRDPEN[5]=0
BRDPEN[6]=999
BRDPEN[7]=999
BRDPEN[8]=999
BRDPEN[9]=0
BRDPEN[10]=0
BRDPEN[11]=0
BRDPEN[12]=0
/*For Route Evaluation*/
ALPHA = 1.0
LAMBDAW = 0.2
LAMBDAA = 0.2
CHOICECUT=0.05
IWAITCURVE=1, NODES=1000-99999
XWAITCURVE=2, N=1000-99999
WAITFACTOR=2.5,N=1000-99999
FARESYSTEM=1, MODE=4
FARESYSTEM=2, MODE=12
FARESYSTEM=3, MODE=6
FARESYSTEM=5, MODE=8

VALUEOFTIME=255*15.00
```

Figure D-6
Listing of TNETMDx.FAC File
2000 Treasure Coast Regional Planning Model

```
/* WALK TO LOCAL BUS */
/*For Route Enumeration*/
MAXFERS=4
EXTRAXFERS1 = 1
EXTRAXFERS2 = 1
SPREADFACT = 1.00001
SPREADFUNC=1
SPREADCONST = 0
REWAITMIN = 3.0
REWAITMAX = 10.0
LOOKBACK=0.0

/*For Route Enumeration and Evaluation*/
RUNFACTOR[1]=2.25
RUNFACTOR[101]=2.25
RUNFACTOR[2]=9.99
RUNFACTOR[3]=2.25
RUNFACTOR[4]=1.00
RUNFACTOR[5]=1.00
RUNFACTOR[6]=9.99
RUNFACTOR[7]=9.99
RUNFACTOR[8]=9.99
RUNFACTOR[9]=9.99
RUNFACTOR[10]=9.99
RUNFACTOR[11]=9.99
RUNFACTOR[12]=1.00

WAITFACTOR=2.25     NODES=1000-99999

XFERCONST=1, FROM=4, TO=4
XFERCONST=1, FROM=4, TO=5
XFERCONST=1, FROM=4, TO=6
XFERCONST=1, FROM=4, TO=7
XFERCONST=1, FROM=4, TO=8
XFERCONST=1, FROM=4, TO=12
XFERCONST=1, FROM=5, TO=4
XFERCONST=1, FROM=5, TO=5
XFERCONST=1, FROM=5, TO=6
XFERCONST=1, FROM=5, TO=7
XFERCONST=1, FROM=5, TO=8
XFERCONST=1, FROM=5, TO=12
XFERCONST=1, FROM=8, TO=12
XFERCONST=5, FROM=12, TO=4
XFERCONST=5, FROM=12, TO=5
XFERCONST=5, FROM=12, TO=6
XFERCONST=5, FROM=12, TO=7
XFERCONST=1, FROM=12, TO=8
XFERCONST=5, FROM=12, TO=12

BRDPEN[1]=0
BRDPEN[2]=999
BRDPEN[3]=0
BRDPEN[4]=0
BRDPEN[5]=0
BRDPEN[6]=999
BRDPEN[7]=999
BRDPEN[8]=999
BRDPEN[9]=0
BRDPEN[10]=0
BRDPEN[11]=0
BRDPEN[12]=0
/*For Route Evaluation*/
ALPHA = 1.0
LAMBDAW = 0.2
LAMBDAA = 0.2
CHOICECUT=0.05
IWAITCURVE=1, NODES=1000-99999
XWAITCURVE=2, N=1000-99999
WAITFACTOR=2.5,N=1000-99999
FARESYSTEM=1, MODE=4
FARESYSTEM=2, MODE=12
FARESYSTEM=3, MODE=6
FARESYSTEM=5, MODE=8

VALUEOFTIME=255*15.00
```

Figure D-7
Sample Listing of TROUTE File
2000 Treasure Coast Regional Planning Model

```
 LINE NAME="ROUTE8", MODE=4, HEADWAY[1]=60, HEADWAY[2]=60, N=6043,
     -6044, 6067, 6110, 6054, 6038, -6032, -6025, -6002, 5945,
     -5912, 5899, -5851, -5841, 5724, 5730, -5728, -7808, -5703,
     -5692, 5671, 5626, -5630, -5633, -5634, -5594, -5635, 5636,
     -5653, 5687, -5686, -5683, 5682, 5665, -5658, 5642, -5643,
     -5644, -5645, -5641, -5640, 5639, 5677, -5669, 5668, -5667,
     5666, 5665, -5682, -5683, 5686, -5687, 5653, 5636, 5635, 5594,
     -5634, -5633, -5630, 5626, 5671, 5692, 5703, -7808, 5728, 5730,
     5724, 5841, 5851, 5899, 5912, 5945, 6002, 6025, 6032, 6038,
     6054, 6110, 6067, 6044, 6043
LINE NAME="STLCON", MODE=4, HEADWAY[1]=60, HEADWAY[2]=60, N=6875,
     -6878, -6898, -6918, -6931, -6932, -6933, -6937, -6942, -6945,
     -6948, -6949, -6950, -6951, -6953, -6954, -6955, -6957, -6959,
     -6960, -6961, -6969, -6973, -6972, -6971, -6970, -6968, -6967,
     -6966, -6965, -6964, -6963, -6962, -6974, -6976, -6981, -6979,
     -6978, -6975, -6977, -6980, -6982, -6983, -6984, -6985, -6986,
     -6988, -6989, -6990, -6991, -6996, -7000, -7013, -7015, -7016,
     -7019, -7023, -7024, -7034, -7042, -7051, -7052, -7060, -7078,
     7070, -7078, 7090, 7115, 7131, -7146, 7158, 7870, -7169, -7179,
     7187, -7193, 7204, 7217, 7220, 7223, 7227, 7234, -7235, 7237,
     -7238, 7243, 7255, 7259, -7260, 7264, 7899, 7778, -7275, 7277,
     -7278, 7281, 7268, 7290, -7300, 7313, 7334, -7337, 7348, -7356,
     7377
LINE NAME="MART1", MODE=4, HEADWAY[1]=60, HEADWAY[2]=60, N=7475,
     7471, -7458, -7453, -7436, 7425, -7415, 7404, -7412, -7417,
     -7432, -7460, 7489, -7490, 7496, -7509, -7523, -7527, 7534,
     -7528, -7499, -7486, 7463, -7456, -7429, -7413, 7407, -7377,
     -7356, -7348, -7337, 7334, -7333, -7332, -7331, -7330, -7328,
     -7327, -7325, -7324, -7323, -7322, -7320, -7318, -7317, -7319,
     7329, -7339, -7350, -7352, 7357, -7374, -7386, -7389, -7393,
     -7410, 7425, -7436, -7453, -7458, 7471, 7475
```

Figure D-8
Listing of VFACTORS File
2000 Treasure Coast Regional Planning Model

```
FT = 10, UROADF =  .7500, CONFAC =  .0800, BPR LOS = 0.1200, BPR EXP =  6.750
FT = 11, UROADF =  .8500, CONFAC =  .0800, BPR LOS = 0.1200, BPR EXP =  6.750
FT = 12, UROADF =  .8500, CONFAC =  .0800, BPR LOS = 0.1200, BPR EXP =  6.750
FT = 13, UROADF =  .7500, CONFAC =  .0800, BPR LOS = 0.1200, BPR EXP =  6.750
FT = 14, UROADF =  .7500, CONFAC =  .0800, BPR LOS = 0.1200, BPR EXP =  6.750
FT = 15, UROADF =  .7500, CONFAC =  .0800, BPR LOS = 0.1200, BPR EXP =  6.750
FT = 16, UROADF =  .7500, CONFAC =  .0800, BPR LOS = 0.1200, BPR EXP =  6.750
FT = 17, UROADF =  .7500, CONFAC =  .0800, BPR LOS = 0.1200, BPR EXP =  6.750
FT = 18, UROADF =  .7500, CONFAC =  .0800, BPR LOS = 0.1200, BPR EXP =  6.750
FT = 19, UROADF =  .7500, CONFAC =  .0800, BPR LOS = 0.1200, BPR EXP =  6.750
FT = 20, UROADF =  .9000, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  5.800
FT = 21, UROADF =  .7500, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  5.800
FT = 22, UROADF =  .7500, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  5.800
FT = 23, UROADF =  .9300, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  5.800
FT = 24, UROADF =  .9100, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  5.800
FT = 25, UROADF =  .8000, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  5.800
FT = 26, UROADF =  .8000, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  5.800
FT = 27, UROADF =  .8000, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  5.800
FT = 28, UROADF =  .8000, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  5.800
FT = 29, UROADF =  .8000, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  5.800
FT = 30, UROADF =  .9000, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.300
FT = 31, UROADF =  .7500, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.300
FT = 32, UROADF =  .9300, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.300
FT = 33, UROADF =  .9100, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.300
FT = 34, UROADF =  .8000, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.300
FT = 35, UROADF =  .7500, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.300
FT = 36, UROADF =  .9300, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.300
FT = 37, UROADF =  .9100, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.300
FT = 38, UROADF =  .8000, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.300
FT = 39, UROADF =  .8000, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.300
FT = 40, UROADF =  .8500, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.100
FT = 41, UROADF =  .7600, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.100
FT = 42, UROADF =  .7600, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.100
FT = 43, UROADF =  .7600, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.100
FT = 44, UROADF =  .8900, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.100
FT = 45, UROADF =  .8900, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.100
FT = 46, UROADF =  .8900, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.100
FT = 47, UROADF =  .8900, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.100
FT = 48, UROADF =  .8900, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.100
FT = 49, UROADF =  .8900, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.100
FT = 50, UROADF = 1.0000, CONFAC =  .0930, BPR LOS = 0.1000, BPR EXP =  4.000
FT = 51, UROADF = 1.0000, CONFAC =  .0930, BPR LOS = 0.1000, BPR EXP =  4.000
FT = 52, UROADF = 1.0000, CONFAC =  .0930, BPR LOS = 0.1000, BPR EXP =  4.000
FT = 53, UROADF = 1.0000, CONFAC =  .0930, BPR LOS = 0.1000, BPR EXP =  4.000
FT = 54, UROADF = 1.0000, CONFAC =  .0930, BPR LOS = 0.1000, BPR EXP =  4.000
FT = 55, UROADF = 1.0000, CONFAC =  .0930, BPR LOS = 0.1000, BPR EXP =  4.000
FT = 56, UROADF = 1.0000, CONFAC =  .0930, BPR LOS = 0.1000, BPR EXP =  4.000
FT = 57, UROADF = 1.0000, CONFAC =  .0930, BPR LOS = 0.1000, BPR EXP =  4.000
FT = 58, UROADF = 1.0000, CONFAC =  .0930, BPR LOS = 0.1000, BPR EXP =  4.000
FT = 59, UROADF = 1.0000, CONFAC =  .0930, BPR LOS = 0.1000, BPR EXP =  4.000
FT = 60, UROADF =  .9000, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  3.750
FT = 61, UROADF =  .7500, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  3.750
FT = 62, UROADF =  .9300, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  3.750
FT = 63, UROADF =  .9100, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  3.750
FT = 64, UROADF =  .8000, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  3.750
FT = 65, UROADF =  .7500, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  3.900
FT = 66, UROADF =  .9300, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  3.900
FT = 67, UROADF =  .9100, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  3.900
FT = 68, UROADF =  .8000, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  3.900
FT = 69, UROADF =  .8000, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  3.900
```

Figure D-8 (cont'd)
Listing of VFACTORS File
2000 Treasure Coast Regional Planning Model

```
FT = 70, UROADF =  .7500, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.000
FT = 71, UROADF =  .7500, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.000
FT = 72, UROADF =  .8500, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.000
FT = 73, UROADF =  .7500, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.000
FT = 74, UROADF =  .8500, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.000
FT = 75, UROADF =  .7500, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.000
FT = 76, UROADF =  .8500, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.000
FT = 77, UROADF =  .7500, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.000
FT = 78, UROADF =  .8500, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.000
FT = 79, UROADF =  .7500, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.000
FT = 80, UROADF =  .7500, CONFAC =  .0850, BPR LOS = 0.2200, BPR EXP =  7.000
FT = 81, UROADF =  .8500, CONFAC =  .0750, BPR LOS = 0.2000, BPR EXP =  7.000
FT = 82, UROADF =  .8500, CONFAC =  .0850, BPR LOS = 0.2000, BPR EXP =  7.000
FT = 83, UROADF =  .8500, CONFAC =  .0850, BPR LOS = 0.2000, BPR EXP =  7.000
FT = 84, UROADF =  .8500, CONFAC =  .0850, BPR LOS = 0.2000, BPR EXP =  7.000
FT = 85, UROADF =  .8500, CONFAC =  .0850, BPR LOS = 0.2000, BPR EXP =  7.000
FT = 86, UROADF =  .7500, CONFAC =  .0850, BPR LOS = 0.1000, BPR EXP =  4.000
FT = 87, UROADF =  .7500, CONFAC =  .0850, BPR LOS = 0.1000, BPR EXP =  4.000
FT = 88, UROADF =  .7500, CONFAC =  .0850, BPR LOS = 0.1000, BPR EXP =  4.000
FT = 89, UROADF =  .7500, CONFAC =  .0850, BPR LOS = 0.1000, BPR EXP =  4.000
FT = 90, UROADF =  .7500, CONFAC =  .0900, BPR LOS = 0.1200, BPR EXP =  6.250
FT = 91, UROADF =  .8500, CONFAC =  .0900, BPR LOS = 0.1200, BPR EXP =  6.250
FT = 92, UROADF =  .8500, CONFAC =  .0900, BPR LOS = 0.1200, BPR EXP =  6.250
FT = 93, UROADF =  .7500, CONFAC =  .0900, BPR LOS = 0.1200, BPR EXP =  6.250
FT = 94, UROADF =  .9300, CONFAC =  .0900, BPR LOS = 0.1200, BPR EXP =  6.250
FT = 95, UROADF =  .9300, CONFAC =  .0900, BPR LOS = 0.1200, BPR EXP =  6.250
FT = 96, UROADF =  .7500, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  6.250
FT = 97, UROADF =  .7500, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.000
FT = 98, UROADF =  .7500, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.000
FT = 99, UROADF = 1.0000, CONFAC =  .0930, BPR LOS = 0.1200, BPR EXP =  4.000
```

Table D-1
Format for EETRIPS File
2000 Treasure Coast Regional Planning Model

Field	Name	Description
1	ORZ	Origin Zone
2	DSZ	Destination Zone
3	TRIPS	External-External Trips

Table D-2
Format for xxGRATESB.SYN File
2000 Treasure Coast Regional Planning Model

Note: The format of GRATEBXX file is context sensitive which is determined by the first character of the records.
The description of the contents (Column 1) follows:
P/p = Production Record, A/a/o = Attraction/Allocation Record
C/c = Comment Record, V/D = HH Disaggeregation Curve Record

(1) For Production Records (see Note1):

Field	Columns	Description	Format
1	1	P or p (Stands for Production Rate Record)	A1
2	2-7	Purpose (1=HBW, 2=HBSHOP, 3=HBSR, 4=HBSCH, 5=HBO, 6=NHBW, 7=NHBO, 8=Airport, 9=4-tire truck, 10=SU-truck, 11=COMB-truck)	I6
3	8-13	Number of children (0=without children under 18 years of age, 1=with children under 18 years of age, 9-not applicable (n.a.) and used for hotels/motels)	I6
4	14-19	Number of autos (0=0 auto, 1= 1 auto, 2 =2 autos, 3=3+ autos, 9=n.a. used for hotels/motels	I6
5 (see Note3)	21-26	Production rate for category defined by fields 2-4 and (1) 0 workers per household if HBW and NHBW, (2) 1 person per household for non-work purposes, (3) Business type hotel/motel (see Note2)	F6.3
6	27-32	Production rate for category defined by fields 2-4 and (1) 1 worker per household if HBW and NHBW, (2) 2 persons per household for non-work purposes, (3) Leisure/Recreation type hotel/motel (see Note2)	F6.3
7	33-38	Production rate for category defined by fields 2-4 and (1) 2+ workers per household if HBW and NHBW, (2) 3 persons per household for non-work purposes, (3) Mix type hotel/motel (see Note2)	F6.3
8	39-44	Production rate for category defined by fields 2-4 and 4+ persons per household for non-work purposes	F6.3
9	45-50	Production rate for ALL hotel/motel	F6.3
10	53-80	Comments and Descriptors	A28

Note1: NHBW and NHBO control totals are calculated using production rates. NHBW control total is then used to factor the zonal NHBW production and attraction derived from allocation rates. Similarly, NHBO control total is used to factor the zonal NHBO origin and destination derived from allocation rates.
Note2: If zonal data file (ZDATA1B) contains sub-hotel data (for example, Business, Leisure/Recreation and Mix) then program uses their rates. Otherwise, all hotel/motel rates from columns 45-50 will be used by the program.
Note3: For Airport Purpose (=8), the data in field 5 is airport trip productions per enplanement. Data in field 3 and 4 for airport purpose are irrelevant.

Table D-2 (cont'd)
Format for xxGRATESB.SYN File
2000 Treasure Coast Regional Planning Model

(2) For Attraction Records (see Note4):

Field	Columns	Description	Format
1	1	A or a stands for Attraction Rate Record. O or o stands for Origin allocation.	A1
2 (see Note5)	2-7	Purpose (1=HBW, 2=HBSHOP, 3=HBSR, 4=HBSCH, 5=HBO, 6=NHBW, 7=NHBO, 8=Airport, 9=4-tire truck, 10=SU-truck, 11=COMB-truck)	I6
3	10	1-digit area type (1=CBD, 2=Fringe, 3=Residential, 4=OBD, 5=Rural)	I1
4	12-17	Attraction rate for industrial employment	F6.3
5	18-23	Attraction rate for commercial employment	F6.3
6	24-29	Attraction rate for service employment	F6.3
7	30-35	Attraction rate for total employment	F6.3
8	36-41	Attraction rate for school enrollments	F6.3
9	42-47	Attraction rate for occupied dwelling units	F6.3
10	48-53	Attraction rate for occupied hotel/motel units	F6.3
11	56-80	Comments and Descriptors	A25

Note4: NHBW and NHBO rates are for allocation of trip ends. Control totals from production are used to allocate the trip ends.
Note5: Truck productions and attractions rates are same and productions are set to attractions.

Table D-2 (cont'd)
Format for GRATESB.SYN File
2000 Treasure Coast Regional Planning Model

(3) For Household Disaggregation Curve Records:

Part 1: Deviation or Subtraction Parameters of Polynimial Disaggregation Curves:

Field	Columns	Description	Format
1	1	V or v stands for Deviation or Subtraction Records	A1
2	6	Number of children (0=without children under 18 years of age, 1=with children under 18 years of age)	I1
3	7-14	Deviation parameter for household vehicle	F8.5
4	15-22	Deviation parameter for household worker	F8.5
5	23-30	Deviation parameter for household person	F8.5

Part 2: Constants and Coefficients of Polynomial Disaggregation Curves:

Field	Columns	Description	Format
1	1	D or d stands for disaggregation constants and coefficients	A1
2	6	Number of children (0=without children under 18 years of age, 1=with children under 18 years of age)	I1
3	10	Number of autos (0=0 auto, 1= 1 auto, 2 =2 autos, 3=3+ autos)	I1
4	14	Number of workers (0=0 worker, 1= 1 worker, 2 =2 workers, 3=3+ workers)	I1
5	18	Number of persons (1= 1 person, 2 =2 persons, 3=3 persons, 4=4+ persons)	I1
6	19-28	Constant	F10.6
7	29-38	Coefficient for variable raised to exponent 1	F10.6
8	39-48	Coefficient for variable raised to exponent 2	F10.6
9	49-58	Coefficient for variable raised to exponent 3	F10.6

Table D-3
Attributes for Network (Input and Loaded) File
2000 Treasure Coast Regional Planning Model

Var. No.	Variable	Description
1	A	A Node
2	B	B Node
3	ID	ID
4	LENGTH	Length of Link (miles)
5	DIR	Direction
6	ROAD_NAME_	Road Name
7	SEGID	Segment ID
8	DISTANCE	Distance (miles)
9	FACILITY_TY	Facility Type
10	AREA_TYPE	Area Type
11	LANES	No. of Lanes
12	LOCATION	County Location
13	SCREENLINE	Screenline No.
14	SPEED	Free Flow Speed
15	CARTOLL	Car Toll Price ($)
16	TOLLLANES	No. of Toll Lanes
17	TOLLSVCTIM	Toll Service Time
18	TTIME	Transit Time
19	TDIST	Transit Distance
20	TSPEED	Transit Speed
21	TOLLTYPE	Toll Type
22	TMODE	Transit Mode
23	SVCMINUTES	Service Time (min)
24	SVCSECONDS	Service Time (sec)
25	TOLL	Toll ID
26	PLZALNSMIN	Minimum No. of Lanes in Toll Plaza
27	PCTTRUCKS	Percent Trucks
28	PLAZADESC	Toll Plaza Description
29	PLZALNSMAX	Maximum No. of Lanes in Toll Plaza
30	NEWA	Revised A Node
31	NEWB	Revised B Node
32	COUNT	Traffic Count
33	TWOWAY	Two Way Indicator
34	USE	
35	ZONE	
36	LANDUSE	USED IN HEVAL
37	CONSTRUC_1	
38	ONE	
51	TOTLANES	Total no. of Lanes
52	CONSTRUCTIO	USED IN HEVAL
53	GC_RATIO	Green Signal Time Ratio
54	NUM_LANES	No. of Lanes/direction

Table D-3 (Contd.)

Attributes for Network (Input and Loaded) File

2000 Treasure Coast Regional Planning Model

Var. No.	Variable	Description
55	UROADFACTOR	UROAD Factor
56	CONFAC	CONFAC Factor
57	BPRCOEFFICI	BPR Coefficient
58	BPREXPONENT	BPR Exponent
59	CAP_HR	Capacity/hr (veh/lane)
60	DAILYCAP	Daily Capacity (veh/lane)
61	TIME	Free Flow Travel Time (min)
62	TOLL_ACC	Toll Lane Acceleration Speed (mph)
63	TOLL_DEC	Toll Lane Deceleration Speed (mph)
64	CYCLELENGTH	Signal Cycle Length
65	POSTEDSPEED	Posted Speed (mph)
66	FREEFLOWSPE	Free Flow Speed (mph)
67	POSTEDTIME	Posted Travel Time (min)
68	FREEFLOWTIM	Free Flow Travel Time (min)
69	TIME2	Free Flow Travel Time (min)
70	LBTIME	Local Bus Travel Time (min)
71	EBTIME	Express Bus Travel Time (min)
72	RLTIME	Rail Travel Time (min)
73	SHTIME	Shuttle Bus Time (min)
74	WALKSPEED	Walk Speed (mph)
75	WALKTIME	Walk Time (min)
76	WALKDISTANC	Walk Distance (miles)
77	V_2	Volume per Direction
78	TIME_2	Congested Travel Time (min)
79	VC_2	Volume/Capacity Ratio
80	CSPD_2	Congested Speed (mph)
81	VDT_2	VMT
82	VHT_2	VHT
83	V1_2	Volume per Direction
84	VT_2	Total Volume (PSWADT)
85	V1T_2	Total Volume (PSWADT)

Table D-4

Format for SCHOOL File

2000 Treasure Coast Regional Planning Model

Field	Columns	Description	Variable Name
1	1-4	Traffic Analysis Zone (TAZ) number	TAZID (MPO)
2	5-10	Grade (public) school TAZ assigned to students living in the TAZ in field 1	ElemTAZ
3	11-16	Middle (public) school TAZ assigned to students living in the TAZ in field 1	MidTAZ
4	17-22	High (public) school TAZ assigned to students living in the TAZ in field 1	HighTAZ
5	23-28	Enrollment for grade (public) school indicated in field 1	ElemEnroll
6	29-34	Enrollment for middle (public) school indicated in field 1	MidEnroll
7	35-40	Enrollment for high (public) school indicated in field 1	HighEnroll
8	41-46	Private School enrollment at schools indicated in field 1	PrivEnroll
9	47-52	School trip rate for students enrolled in grade (public) school indicated in field 1.	ElemTripRate
10	53-58	School trip rate for students enrolled in middle (public) school indicated in field 1.	MidTripRate
11	59-64	School trip rate for students enrolled in high (public) school indicated in field 1.	HighTripRate
12	65-70	School trip rate for students enrolled in private schools indicated in field 1.	PrivTripRate
13	*78-80*	*Regional TAZ number of field 1 of urban area TAZ number [This field is applicable only for regional model]*	*RegionalTAZ*

Note: (a) Fields 2 through 4 are used to calculate productions,
(b) Fields 5 through 8 are used to calculate attractions, and
(c) Fields 9 through 12 are used to implement school specific trip rates.

Table D-5

Format for Transit Speed-Delay Curves File (SDLAYUPD)

2000 Treasure Coast Regional Planning Model

Field	Columns (*)	Description	Format
SPEED CURVE USE FORMAT (Card Type 2)			
1	1	**Card Type (=2)**	I1
2	2-3	Low Mode	I2
3	4-5	High Mode	I2
4	6-7	Low 2-digit Area Type (10-59)	I2
5	8-9	High 2-digit Area Type (10-59)	I2
6	10-11	Low 2-digit Facility Type (10-99)	I2
7	12-13	High 2-digit Facility Type (10-99)	I2
	14	(Unused)	
9	15-16	Curve Number (1-15)	I2
	17	(Unused)	
11-18	18-33	Repeat column 2-17	
19-26	34-49	Repeat column 2-17	
27-34	50-65	Repeat column 2-17	
SPEED CURVE FORMAT (Card Type 3)			
1	1	**Card Type (=3)**	I1
	2	(Unused)	
2	3-4	Curve Number (1-15)	I2
	5	(Unused)	
3	6-10	Low Auto Speed Value (X1)	F5.0
	11	(Unused)	
4	12-16	Low Transit Speed Value (Y1)	F5.0
	17	(Unused)	
5	18-22	High Auto Speed Value (X2)	F5.0
	23	(Unused)	
6	24-28	High Transit Speed Value (Y2)	F5.0
	29-30	(Unused)	
7-11	31-58	Repeat column 3-30	

(*) For 2-digit transit mode.

Table D-6

Format for Speed-Capacity Table (SPDCAP)

2000 Treasure Coast Regional Planning Model

Field	Columns	Description	Format
1	1-2	Low 2-digit Area Type Code (10-59)	I2
2	3-4	High 2-digit Area Type Code (10-59)	I2
3	5-6	Low 2-digit Facility Type Code (10-99)	I2
4	7-8	High 2-digit Facility Type Code (10-99)	I2
5	9-10	Low Number of Lanes	I2
6	11-12	High Number of Lanes	I2
7	13	Capacity Operator (see Note)	A1
8	14-18	Capacity/Lane, Capacity Factor or Augment	F5.0
9	19	Speed Operator (see Notes)	A1
10	20-23	Speed, Speed Factor or Augment	F4.0
11-20	24-46	Repeat column 1-24	
21-30	47-69	Repeat column 1-24	
31	71-78	Keyword "TWODIGIT" - Optional, not used by program	

Note 1: The Capacity and Speed Operator Code are:

Blank = Replace existing value in table
+ = Augment existing table value(s)
- = Decrement existing table value(s)
* = Factor existing table value(s)
x= Replace existing table value(s) with missing values

Note 2: The capacity operator codes should be used for any any adjustments of capacities. The speeds for 2000 Broward and Palm Beach models were adjusted through SPDADJ.DBF file (see Transcad\PB or TransCAD\BO folders).

Table D-7
Format for STATDATA File
2000 Treasure Coast Regional Planning Model

Field	Columns	Description	Format	Variable Name
1	1-4	Station ID number (sequential)	I4	STNID
2	5-10	Network node nearest to station	I6	STNNODE
3	11-16	Zone centroid nearest to station	I6	NZONE
4	17-22	Maximum driving distance (miles)	F6.1	MAXDIST
5	23-28	Parking spaces	I6	PRKRIDCAP
6	29-34	All-day (peak) parking cost (cents)	I6	LTPRKCOST
7	35-40	Midday (off peak) parking cost (cents)	I6	STPRKCOST
8	41-46	Added park-and-ride impedance (terminal time - minutes)	F6.1	WLKTIME1
9	47-52	Added drop-off impedance (terminal time - minutes)	F6.1	WLKTIME2
10	53-55	Usage Flag (1=yes, 0=no)	I3	USAGEF
11	57-80	Station Description	A24	STNDES
12	82	Tri-rail Fare zone (numbered north to south)	I1	FAREZONE

Table D-8

Format for STP60.SYN File

2000 Treasure Coast Regional Planning Model

Variable No	Column	Variable Name	Variable Description			
A	1 - 10	mpocd	MPO Code			
B	11 - 20	fipscd	FIPS State and County Code			
C	21 - 30	TAZID	TAZs (MPO)			
1	31 - 40	thh	Total Households			
2	41 - 50	tc1	**With Child**			
3	51 - 60	tc1p2	*With Child*	Person 2		
4	61 - 70	tc1p2v0			Vehicle 0	
5	71 - 80	c1p2v0w0				Worker 0
6	81 - 90	c1p2v0w1				Worker 1
7	91 - 100	c1p2v0w2				Worker 2
8	101 - 110	tc1p2v1			Vehicle 1	
9	111 - 120	c1p2v1w0				Worker 0
10	121 - 130	c1p2v1w1				Worker 1
11	131 - 140	c1p2v1w2				Worker 2
12	141 - 150	tc1p2v2			Vehicle 2	
13	151 - 160	c1p2v2w0				Worker 0
14	161 - 170	c1p2v2w1				Worker 1
15	171 - 180	c1p2v2w2				Worker 2
16	181 - 190	tc1p2v3			Vehicle 3	
17	191 - 200	c1p2v3w0				Worker 0
18	201 - 210	c1p2v3w1				Worker 1
19	211 - 220	c1p2v3w2				Worker 2
20	221 - 230	tc1p3	*With Child*	Person 3		
21	231 - 240	tc1p3v0			Vehicle 0	
22	241 - 250	c1p3v0w0				Worker 0
23	251 - 260	c1p3v0w1				Worker 1
24	261 - 270	c1p3v0w2				Worker 2
25	271 - 280	c1p3v0w3				Worker 3
26	281 - 290	tc1p3v1			Vehicle 1	
27	291 - 300	c1p3v1w0				Worker 0
28	301 - 310	c1p3v1w1				Worker 1
29	311 - 320	c1p3v1w2				Worker 2
30	321 - 330	c1p3v1w3				Worker 3
31	331 - 340	tc1p3v2			Vehicle 2	
32	341 - 350	c1p3v2w0				Worker 0
33	351 - 360	c1p3v2w1				Worker 1
34	361 - 370	c1p3v2w2				Worker 2
35	371 - 380	c1p3v2w3				Worker 3
36	381 - 390	tc1p3v3			Vehicle 3	
37	391 - 400	c1p3v3w0				Worker 0
38	401 - 410	c1p3v3w1				Worker 1
39	411 - 420	c1p3v3w2				Worker 2
40	421 - 430	c1p3v3w3				Worker 3

Table D-8 (cont'd)

Format for STP60.SYN File

2000 Treasure Coast Regional Planning Model

Variable No	Column	Variable Name	Variable Description			
41	431 - 440	tc1p4	*With Child*	Person 4		
42	441 - 450	tc1p4v0			Vehicle 0	
43	451 - 460	c1p4v0w0				Worker 0
44	461 - 470	c1p4v0w1				Worker 1
45	471 - 480	c1p4v0w2				Worker 2
46	481 - 490	c1p4v0w3				Worker 3
47	491 - 500	tc1p4v1			Vehicle 1	
48	501 - 510	c1p4v1w0				Worker 0
49	511 - 520	c1p4v1w1				Worker 1
50	521 - 530	c1p4v1w2				Worker 2
51	531 - 540	c1p4v1w3				Worker 3
52	541 - 550	tc1p4v2			Vehicle 2	
53	551 - 560	c1p4v2w0				Worker 0
54	561 - 570	c1p4v2w1				Worker 1
55	571 - 580	c1p4v2w2				Worker 2
56	581 - 590	c1p4v2w3				Worker 3
57	591 - 600	tc1p4v3			Vehicle 3	
58	601 - 610	c1p4v3w0				Worker 0
59	611 - 620	c1p4v3w1				Worker 1
60	621 - 630	c1p4v3w2				Worker 2
61	631 - 640	c1p4v3w3				Worker 3
62	641 - 650	tc1p5	*With Child*	Person 5		
63	651 - 660	tc1p5v0			Vehicle 0	
64	661 - 670	c1p5v0w0				Worker 0
65	671 - 680	c1p5v0w1				Worker 1
66	681 - 690	c1p5v0w2				Worker 2
67	691 - 700	c1p5v0w3				Worker 3
68	701 - 710	tc1p5v1			Vehicle 1	
69	711 - 720	c1p5v1w0				Worker 0
70	721 - 730	c1p5v1w1				Worker 1
71	731 - 740	c1p5v1w2				Worker 2
72	741 - 750	c1p5v1w3				Worker 3
73	751 - 760	tc1p5v2			Vehicle 2	
74	761 - 770	c1p5v2w0				Worker 0
75	771 - 780	c1p5v2w1				Worker 1
76	781 - 790	c1p5v2w2				Worker 2
77	791 - 800	c1p5v2w3				Worker 3
78	801 - 810	tc1p5v3			Vehicle 3	
79	811 - 820	c1p5v3w0				Worker 0
80	821 - 830	c1p5v3w1				Worker 1
81	831 - 840	c1p5v3w2				Worker 2
82	841 - 850	c1p5v3w3				Worker 3

Table D-8 (cont'd)

Format for STP60.SYN File

2000 Treasure Coast Regional Planning Model

Variable No	Column	Variable Name	Variable Description			
83	851 - 860	tc0	**Without Child**			
84	861 - 870	tc0p1	*Without Child*	Person 1		
85	871 - 880	tc0p1v0			Vehicle 0	
86	881 - 890	c0p1v0w0				Worker 0
87	891 - 900	c0p1v0w1				Worker 1
88	901 - 910	tc0p1v1			Vehicle 1	
89	911 - 920	c0p1v1w0				Worker 0
90	921 - 930	c0p1v1w1				Worker 1
91	931 - 940	tc0p1v2			Vehicle 2	
92	941 - 950	c0p1v2w0				Worker 0
93	951 - 960	c0p1v2w1				Worker 1
94	961 - 970	tc0p1v3			Vehicle 3	
95	971 - 980	c0p1v3w0				Worker 0
96	981 - 990	c0p1v3w1				Worker 1
97	991 - 1000	tc0p2	*Without Child*	Person 2		
98	1001 - 1010	tc0p2v0			Vehicle 0	
99	1011 - 1020	c0p2v0w0				Worker 0
100	1021 - 1030	c0p2v0w1				Worker 1
101	1031 - 1040	c0p2v0w2				Worker 2
102	1041 - 1050	tc0p2v1			Vehicle 1	
103	1051 - 1060	c0p2v1w0				Worker 0
104	1061 - 1070	c0p2v1w1				Worker 1
105	1071 - 1080	c0p2v1w2				Worker 2
106	1081 - 1090	tc0p2v2			Vehicle 2	
107	1091 - 1100	c0p2v2w0				Worker 0
108	1101 - 1110	c0p2v2w1				Worker 1
109	1111 - 1120	c0p2v2w2				Worker 2
110	1121 - 1130	tc0p2v3			Vehicle 3	
111	1131 - 1140	c0p2v3w0				Worker 0
112	1141 - 1150	c0p2v3w1				Worker 1
113	1151 - 1160	c0p2v3w2				Worker 2
114	1161 - 1170	tc0p3	*Without Child*	Person 3		
115	1171 - 1180	tc0p3v0			Vehicle 0	
116	1181 - 1190	c0p3v0w0				Worker 0
117	1191 - 1200	c0p3v0w1				Worker 1
118	1201 - 1210	c0p3v0w2				Worker 2
119	1211 - 1220	c0p3v0w3				Worker 3
120	1221 - 1230	tc0p3v1			Vehicle 1	
121	1231 - 1240	c0p3v1w0				Worker 0
122	1241 - 1250	c0p3v1w1				Worker 1
123	1251 - 1260	c0p3v1w2				Worker 2
124	1261 - 1270	c0p3v1w3				Worker 3

Table D-8 (cont'd)

Format for STP60.SYN File

2000 Treasure Coast Regional Planning Model

Variable No	Column	Variable Name	Variable Description			
125	1271 - 1280	tc0p3v2	*Without Child*	Person 3	Vehicle 2	
126	1281 - 1290	c0p3v2w0				Worker 0
127	1291 - 1300	c0p3v2w1				Worker 1
128	1301 - 1310	c0p3v2w2				Worker 2
129	1311 - 1320	c0p3v2w3				Worker 3
130	1321 - 1330	tc0p3v3			Vehicle 3	
131	1331 - 1340	c0p3v3w0				Worker 0
132	1341 - 1350	c0p3v3w1				Worker 1
133	1351 - 1360	c0p3v3w2				Worker 2
134	1361 - 1370	c0p3v3w3				Worker 3
135	1371 - 1380	tc0p4	*Without Child*	Person 4		
136	1381 - 1390	tc0p4v0			Vehicle 0	
137	1391 - 1400	c0p4v0w0				Worker 0
138	1401 - 1410	c0p4v0w1				Worker 1
139	1411 - 1420	c0p4v0w2				Worker 2
140	1421 - 1430	c0p4v0w3				Worker 3
141	1431 - 1440	tc0p4v1			Vehicle 1	
142	1441 - 1450	c0p4v1w0				Worker 0
143	1451 - 1460	c0p4v1w1				Worker 1
144	1461 - 1470	c0p4v1w2				Worker 2
145	1471 - 1480	c0p4v1w3				Worker 3
146	1481 - 1490	tc0p4v2			Vehicle 2	
147	1491 - 1500	c0p4v2w0				Worker 0
148	1501 - 1510	c0p4v2w1				Worker 1
149	1511 - 1520	c0p4v2w2				Worker 2
150	1521 - 1530	c0p4v2w3				Worker 3
151	1531 - 1540	tc0p4v3			Vehicle 3	
152	1541 - 1550	c0p4v3w0				Worker 0
153	1551 - 1560	c0p4v3w1				Worker 1
154	1561 - 1570	c0p4v3w2				Worker 2
155	1571 - 1580	c0p4v3w3				Worker 3
156	1581 - 1590	tc0p5	*Without Child*	Person 5		
157	1591 - 1600	tc0p5v0			Vehicle 0	
158	1601 - 1610	c0p5v0w0				Worker 0
159	1611 - 1620	c0p5v0w1				Worker 1
160	1621 - 1630	c0p5v0w2				Worker 2
161	1631 - 1640	c0p5v0w3				Worker 3
162	1641 - 1650	tc0p5v1			Vehicle 1	
163	1651 - 1660	c0p5v1w0				Worker 0
164	1661 - 1670	c0p5v1w1				Worker 1
165	1671 - 1680	c0p5v1w2				Worker 2
166	1681 - 1690	c0p5v1w3				Worker 3
167	1691 - 1700	tc0p5v2			Vehicle 2	
168	1701 - 1710	c0p5v2w0				Worker 0
169	1711 - 1720	c0p5v2w1				Worker 1
170	1721 - 1730	c0p5v2w2				Worker 2
171	1731 - 1740	c0p5v2w3				Worker 3
172	1741 - 1750	tc0p5v3			Vehicle 3	
173	1751 - 1760	c0p5v3w0				Worker 0
174	1761 - 1770	c0p5v3w1				Worker 1
175	1771 - 1780	c0p5v3w2				Worker 2
176	1781 - 1790	c0p5v3w3				Worker 3

Table D-9

Format for TCARDS File (*)

2000 Treasure Coast Regional Planning Model

Field	Columns*	Description
1	1-6	From Node of Link Approaching Intersection
2	7-12	Through/Intersection Node Number
3	13-18	To Node Number of Link Exiting Intersection
4	19-20	Set Number
5	21-28	Time penalty for penalized Movement in hundredths of minutes

Table D-10

Format for Lifestyle Production Data (ZDATA1B)

2000 Treasure Coast Regional Planning Model

Field	Columns	Description	Format	Variable Name
1	1-6	Traffic Analysis Zone (TAZ) number - MPO TAZ Number	I6	TAZID
2	7-12	Reference Traffic Analysis Zone Number - MPO TAZ Number	I6	RefTAZ
3	13-18	Number of Households without children (<18 years age)	I6	HHNoChld
4	19-24	Number of Households with children	I6	HHChld
5	25-30	Number of vehicles in households without children category	I6	AutoNoChld
6	31-36	Number of vehicles in households with children category	I6	AutoChld
p	37-42	Number of workers in households without children category	I6	WrkrNoChld
8	43-48	Number of workers in households with children category	I6	WrkrChld
9	49-54	Number of persons in households without children category	I6	PrsnNoChld
10	55-60	Number of persons in households with children category	I6	PrsnChld
11	61-66	Number of "ALL" type occupied hotel/motel rooms	I6	OccHMRms
12	67-69	Specifies if the TAZ is CBD (=1), Exurban (=2) or Other (=0 or Blank). A high transit access zone that is not a CBD is defined as EXURBAN.	I3	CBDExUrb
13	70-75	# Total Dwelling Units (regardless of seasonal occupancy)	I6	DUs
14	76-79	% Dus Occupied During the Peak Season	F4.1	PctOccDUPK
15	80-83	% Dus Occupied Year Round (100%-% vacant year round)	F4.1	PctOccDUsAnn
16	84-87	% Dus that are Single Family Occupied Peak Season	F4.1	PctSFDUsPk
17	88-91	% Dus that are Single Family Occupied Year Round	F4.1	PctSFDUsAnn
18	92-95	% Dus that are Multi-Family Occupied Peak Season	F4.1	PctMFDUsPk
19	96-99	% Dus that are Multi-Family Occupied Year Round	F4.1	PctMFDUsAnn
20	100-105	# Total Hotel/Motel Rooms	I6	HMRms
21	106-109	% Hotel/Motel Rooms Occupied During the Peak Season	F4.1	PctOccHMRmsPk
22	110-113	% Hotel/Motel Rooms Occupied Year Round	F4.1	PctOccHMRmsAnn
23	114-119	Number of "Business" type occupied hotel/motel rooms	I6	OccHMRmsBusi
24	120-125	Number of "Leisure/Resort" type occupied hotel/motel rooms	I6	OccHMRmsPlsr
25	126-131	Number of "Mix" type occupied hotel/motel rooms	I6	OccHMRmsMix

Note: Variables 1-12 are must for lifestyle trip generation model. Variables 13-22 are some ZDATA1 data and they are not required for lifestyle trip generation model. Variables 23-24 will be used by lifestyle trip generation model, if available.

Table D-11
Format for Attraction Data (ZDATA2)
2000 Treasure Coast Regional Planning Model

Field	Columns	Description	Variable Name
1	1	Card Number (=2)	RecordType
2	2-4	Sector Number	Sector
3	5-8	Traffic Analysis Zone (TAZ) number - MPO TAZ	TAZID
4	9-14	Industrial Employment (SIC 1-39)	EmpInd
5	15-20	Commercial Employment (SIC 50-59)	EmpCom
6	21-26	Service Employment (SIC 40-49, 60-99)	EmpServ
7	27-32	Total Employment (SIC 1-99)	EmpTot
8	33-38	Total School Enrollment	ENRSchool
9	39-42	Short-Term (3-Hour) Parking Cost (in cents) for Mode Choice	StParkCost
10	43-46	Long-Term (9-Hour) Parking Cost (in cents) for Mode Choice	LtParkCost
11	47-71	RESERVED	Reserved
12	72-80	(Unrestricted) User Data	UserData

Table D-12

Format for Special Generator Data (ZDATA3B)

2000 Treasure Coast Regional Planning Model

			Description		
Field	**Columns**	**Format**	**Content**	**Comment**	**Variable Name**
1 (*)	1	I1 / A1	Card Type	3 or A(*)	Card Type
2	2-4	I3	Sector Number		SectorNum
3 (*)	5-8	I4	Zone Number (*) - MPO TAZ		TAZID
4	9	A1	Generator Type	"P" - Production "A" - Attraction	ProdAtt
5	10	A1	Function Type	"T" - Total Trips "+" - Additive "-" - Deductive	FuncCode
6 (*)	11-16	I6	Total Person Trips (*) Difference in Person Trips	If "T" in Column 10 If "+/-" in Column 10	TotPrsnTrips
7	17-19	I3	Percent Home Based Work Trips		PctHBW
8	20-22	I3	Percent Home Based Shopping Trips		PctHBShop
9	23-25	I3	Percent Home Based SocRec Trips	Percent of Fields	PctHBSR
10	26-28	I3	Percent Home Based School Trips	7 through 17 should	PctHBSch
11	29-31	I3	Percent Home Based Other Trips	add up to 100	PctHBO
12	32-34	I3	Percent Non Home Based Work Trips		PctNHBW
13	35-37	I3	Percent Non Home Based Other Trips		PctNHBO
14	38-40	I3	Percent Airport Trips		PctAirport
15	41-43	I3	Percent 4-tired Truck Trips		Pct4TireTrk
16	44-46	I3	Percent Single-Unit Truck Trips		PctSUTrk
17	47-49	I3	Percent Combination Truck Trips		PctCombTrk
14	50-54	I5	Total Employment	Fields 14 through 19	TotalEmp
15	55-59	I5	Commercial Employment	are necessary if "T"	CommEmp
16	60-64	I5	Service Employment	is coded in Column	SvcEmp
17	65-69	I5	School Enrollment	10 (special generators	SchoolEnroll
18	70-74	I5	Households	variable only, not	HHs
19	75-79	I5	Occupied H/M Units	total for zone)	HMUnitsOcc
20	80-104	A25	Name or Description of the Special Generator		SGDes

(*) Airport Enplanements data are entered in ZDATA3B file and use flag "A" in Column 1.
The description of the other relevant fields for this enplanement data follows:
Field 3: Airport Zone Number.
Field 6: Daily Passanger Enplanements.

Note: (1) All numeric data must be coded, right justified, with no leading zero.
(2) All percentages must be in whole units (for example, 10 = 10 percent)
(3) Data for any special generators in a zone should be included on production and attraction files.

Table D-13

Format for External-Internal Data (ZDATA4B)

2000 Treasure Coast Regional Planning Model

			Description		
Field	**Columns**	**Format**	**Content**	**Comment**	**Variable Name**
1	1	I1	Card Type/Identifier	4	CardNum
2	2-8	I7	TAZ/External station number		ExtTAZ
3	**9-14**	**I6**	**Total person trip productions**	**Splits in fields 4-14**	**TotPTrip**
4	15-17	I3	Percentage of HBW production trips		PctPHBW
5	18-20	I3	Percentage of HBSHP production trips		PctPHBShp
6	21-23	I3	Percentage of HBSocRec production trips	Percent of Fields	PctPHBSR
7	24-26	I3	Percentage of HBSchool production trips	4 through 14 should	PctPHBSch
8	27-29	I3	Percentage of HBOther production trips	add up to 100	PctPHBO
9	30-32	I3	Percentage of NHBW production trips		PctPNHBW
10	33-35	I3	Percentage of NHBO production trips		PctPNHBO
11	36-38	I3	Percentage of AIRPORT production trips		PctPAirport
12	39-41	I3	Percentage of 4-TIRED-Truck production trips		PctP4TireTrk
13	42-44	I3	Percentage of SU-Truck production trips		PctPSUTrk
14	45-47	I3	Percentage of COMB-Truck production trips		PctPCombTrk
15	**48-53**	**I6**	**Total person trip attractions**	**Splits in fields 16-26**	**TotATrip**
16	54-56	I3	Percentage of HBW attraction trips		PctAHBW
17	57-59	I3	Percentage of HBSHP attraction trips		PctAHBShp
18	60-62	I3	Percentage of HBSocRec attraction trips	Percent of Fields	PctAHBSR
19	63-65	I3	Percentage of HBSchool attraction trips	16 through 26 should	PctAHBSch
20	66-68	I3	Percentage of HBOther attraction trips	add up to 100	PctAHBO
21	69-71	I3	Percentage of NHBW attraction trips		PctANHBW
22	72-74	I3	Percentage of NHBO attraction trips		PctANHBO
23	75-77	I3	Percentage of AIRPORT attraction trips		PctAAirport
24	78-80	I3	Percentage of 4-TIRED-Truck attraction trips		PctA4TireTrk
25	81-83	I3	Percentage of SU-Truck attraction trips		PctASUTrk
26	84-86	I3	Percentage of COMB-Truck attraction trips		PctACombTrk
27	**87-89**	**I3**	**Extra Regional Travel Time (minutes)**		**XTravTime**
28	*90-92*	*I3*	*Percent of HBW trips made from 0 auto households*	*Percent of Fields*	*PctHBW0Veh*
29	*93-95*	*I3*	*Percent of HBW trips made from 1 auto households*	*28 through 30 should*	*PctHBW1Veh*
30	*96-98*	*I3*	*Percent of HBW trips made from 2+ auto households*	*add up to 100*	*PctHBW2Veh*
31	*99-101*	*I3*	*Percent of Other trips made from 0 auto households*	*Percent of Fields*	*PctOth0Veh*
32	*102-104*	*I3*	*Percent of Other trips made from 1 auto households*	*31 through 33 should*	*PctOth1Veh*
33	*105-107*	*I3*	*Percent of Other trips made from 2+ auto households*	*add up to 100*	*PctOth2Veh*
27	**109-132**	**A24**	**Roadway Name**		**RoadwayName**

Note: Fields 28-33 are used to write A1DECK data for the external station.